

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051120\
 Data File : VX016138.D
 Acq On : 11 May 2020 09:58
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 5/12/2020 2:07:02 PM

Quant Time: May 11 18:36:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	300090	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.83	114	467535	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	431936	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	220987	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	178766	45.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.54%	
35) Dibromofluoromethane	5.46	113	141684	47.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.66%	
50) Toluene-d8	8.70	98	559175	48.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.98%	
62) 4-Bromofluorobenzene	11.12	95	215905	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.18	85	160828	50.633	ug/l	100
3) Chloromethane	1.31	50	165381	44.833	ug/l	99
4) Vinyl Chloride	1.39	62	182811	46.451	ug/l	100
5) Bromomethane	1.62	94	74764	37.681	ug/l	97
6) Chloroethane	1.70	64	110615	46.193	ug/l	98
7) Trichlorofluoromethane	1.91	101	237745	46.014	ug/l	98
8) Diethyl Ether	2.17	74	98075	45.050	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	144930	48.619	ug/l	100
10) Methyl Iodide	2.49	142	144370	36.055	ug/l	99
11) Tert butyl alcohol	3.01	59	213758	214.064	ug/l	100
12) 1,1-Dichloroethene	2.36	96	145346	46.593	ug/l	100
13) Acrolein	2.27	56	102581	164.164	ug/l	100
14) Allyl chloride	2.70	41	270166	47.234	ug/l	96
15) Acrylonitrile	3.11	53	475871	229.719	ug/l	99
16) Acetone	2.42	43	385164	218.601	ug/l	96
17) Carbon Disulfide	2.55	76	434833	46.402	ug/l	99
18) Methyl Acetate	2.75	43	205028	47.326	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	527366	49.040	ug/l	99
20) Methylene Chloride	2.83	84	166669	45.886	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	162454	46.733	ug/l	100
22) Diisopropyl ether	3.82	45	519123	48.109	ug/l	97
23) Vinyl Acetate	3.78	43	2294086	241.652	ug/l	100
24) 1,1-Dichloroethane	3.67	63	293964	48.700	ug/l	99
25) 2-Butanone	4.63	43	622282	219.174	ug/l	99
26) 2,2-Dichloropropane	4.55	77	269072	48.811	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	182702	48.075	ug/l	99
28) Bromochloromethane	4.98	49	132454	48.123	ug/l	99
29) Tetrahydrofuran	5.09	42	429694	228.406	ug/l	100
30) Chloroform	5.18	83	291841	48.559	ug/l	100
31) Cyclohexane	5.54	56	270143	49.244	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	264120	48.347	ug/l	99
36) 1,1-Dichloropropene	5.77	75	226550	49.226	ug/l	99
37) Ethyl Acetate	4.79	43	249726	46.817	ug/l	99
38) Carbon Tetrachloride	5.75	117	235078	50.254	ug/l	98

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apatel
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Quant Time: May 11 18:36:51 2020
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 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	278925	50.326	ug/l	98
40) Benzene	6.11	78	673155	49.990	ug/l	100
41) Methacrylonitrile	5.00	41	139726	48.504	ug/l	99
42) 1,2-Dichloroethane	6.16	62	230423	47.502	ug/l	99
43) Isopropyl Acetate	6.41	43	410316	48.211	ug/l	99
44) Trichloroethene	7.19	130	246107	51.445	ug/l	99
45) 1,2-Dichloropropane	7.49	63	174291	51.152	ug/l	98
46) Dibromomethane	7.63	93	113562	49.044	ug/l	99
47) Bromodichloromethane	7.87	83	240473	50.992	ug/l	100
48) Methyl methacrylate	7.74	41	194325	48.186	ug/l	97
49) 1,4-Dioxane	7.71	88	88749	917.587	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1263451	242.594	ug/l	99
52) Toluene	8.76	92	427688	50.955	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	283057	50.341	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	296667	50.513	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	167732	50.792	ug/l	98
56) Ethyl methacrylate	9.16	69	275940	51.191	ug/l	97
57) 1,3-Dichloropropane	9.35	76	290992	50.500	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	743074	258.936	ug/l	100
59) 2-Hexanone	9.47	43	996497	243.640	ug/l	98
60) Dibromochloromethane	9.57	129	192072	52.810	ug/l	100
61) 1,2-Dibromoethane	9.65	107	178521	49.908	ug/l	98
64) Tetrachloroethene	9.32	164	274730	51.811	ug/l	98
65) Chlorobenzene	10.12	112	458436	50.688	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	170735	51.075	ug/l	99
67) Ethyl Benzene	10.23	91	821121	50.884	ug/l	100
68) m/p-Xylenes	10.34	106	632826	104.668	ug/l	99
69) o-Xylene	10.68	106	301999	51.964	ug/l	99
70) Styrene	10.70	104	518696	52.609	ug/l	100
71) Bromoform	10.84	173	146674	53.855	ug/l #	100
73) Isopropylbenzene	11.00	105	812607	50.556	ug/l	99
74) N-amyl acetate	10.88	43	357590	47.696	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	126814	41.241	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	243944m	48.646	ug/l	
77) Bromobenzene	11.24	156	203771	49.116	ug/l	99
78) n-propylbenzene	11.34	91	956883	51.173	ug/l	100
79) 2-Chlorotoluene	11.40	91	553950	50.188	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	692493	51.027	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	104906	49.853	ug/l #	86
82) 4-Chlorotoluene	11.49	91	655559	50.297	ug/l	99
83) tert-Butylbenzene	11.76	119	590371	50.478	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	706453	51.489	ug/l	99
85) sec-Butylbenzene	11.93	105	808053	51.171	ug/l	100
86) p-Isopropyltoluene	12.05	119	751488	51.257	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	366147	49.152	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	366638	48.492	ug/l	98
89) n-Butylbenzene	12.37	91	679562	50.737	ug/l	100
90) Hexachloroethane	12.58	117	129869	51.577	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	353627	49.300	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	59147	44.752	ug/l	97

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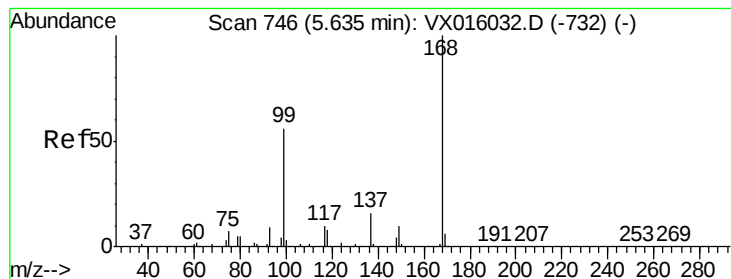
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	265415	49.979	ug/l	98
94) Hexachlorobutadiene	13.77	225	112302	49.120	ug/l	98
95) Naphthalene	13.82	128	846899	49.251	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	260997	50.288	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX016138.D

Acq: 11 May 2020 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 300090

Ion Ratio Lower Upper

168 100

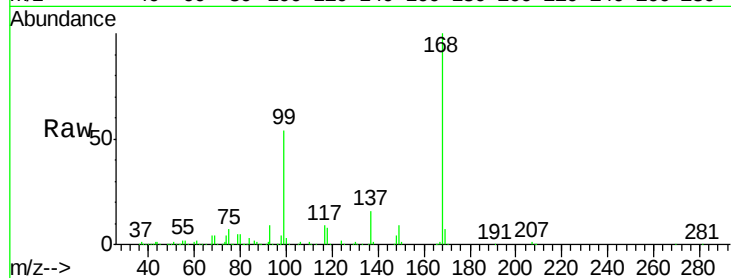
99 54.4 45.0 67.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

120000

100000

80000

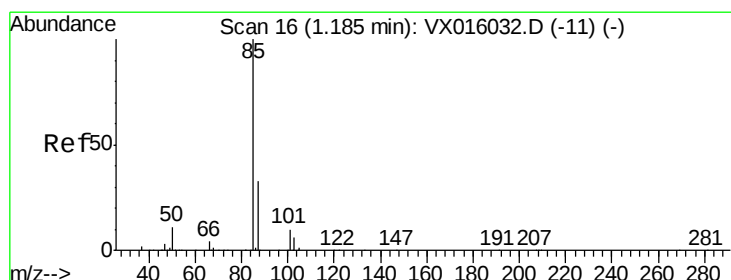
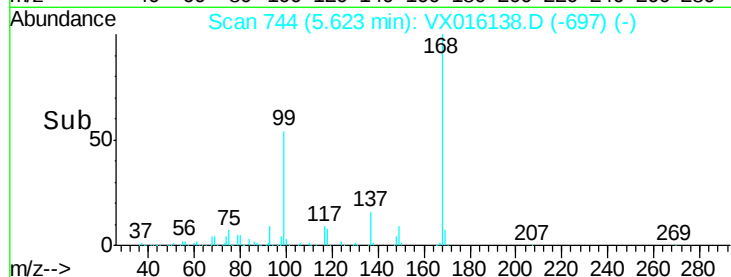
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 50.633 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016138.D

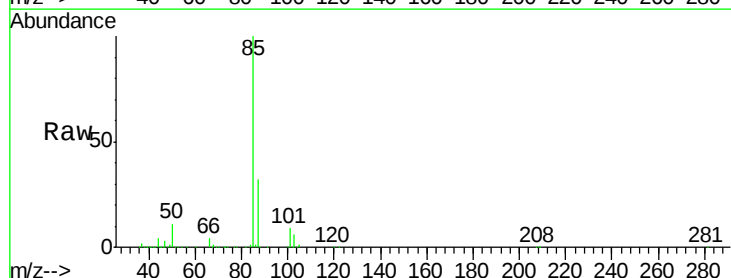
Acq: 11 May 2020 09:58

Tgt Ion: 85 Resp: 160828

Ion Ratio Lower Upper

85 100

87 32.5 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

200000

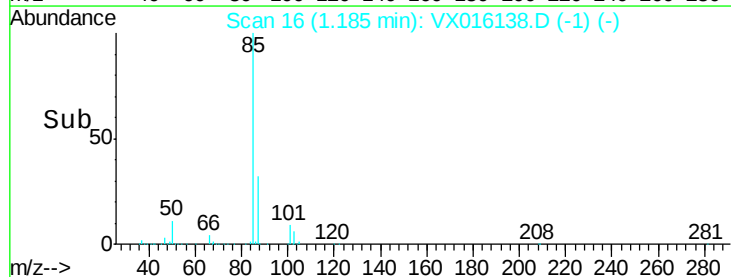
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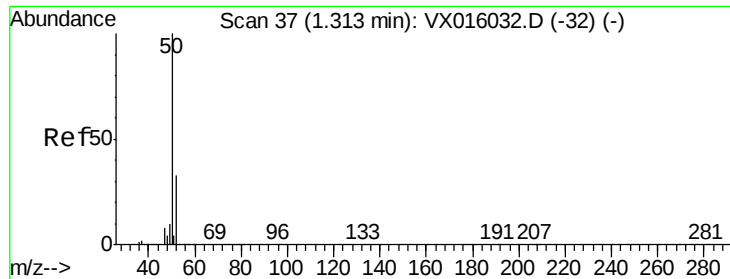
100000

50000

0

Time-->





#3

Chloromethane

Concen: 44.833 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016138.D

Acq: 11 May 2020 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 165381

Ion Ratio Lower Upper

50 100

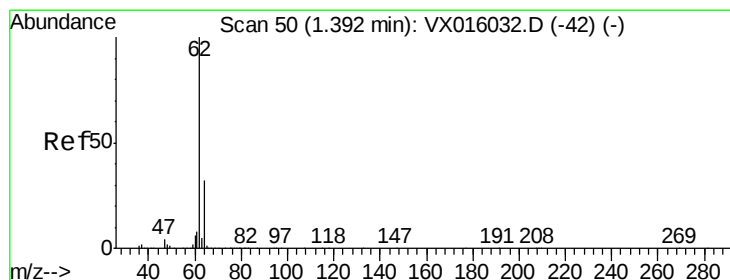
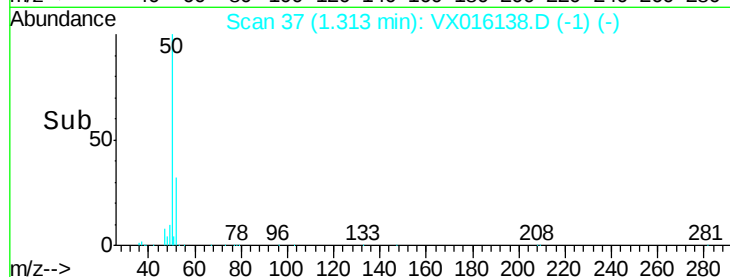
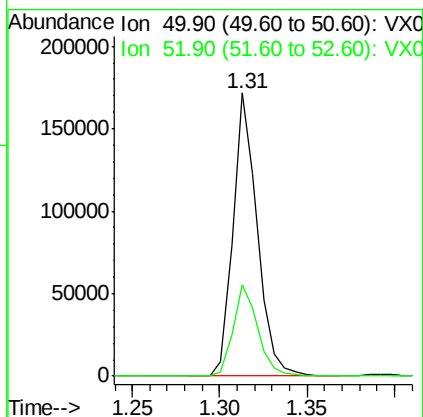
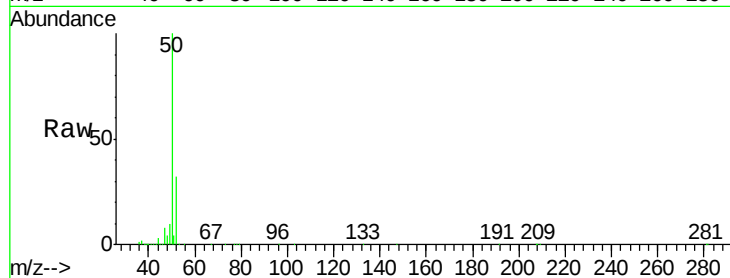
52 32.2 26.1 39.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 46.451 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016138.D

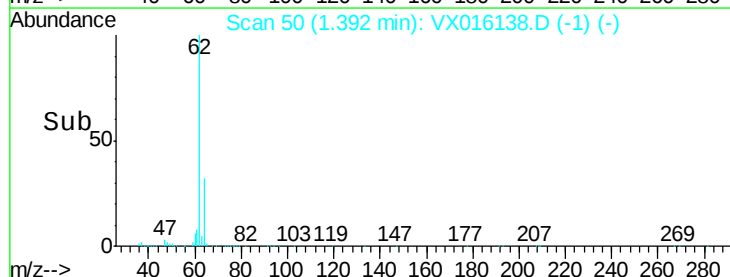
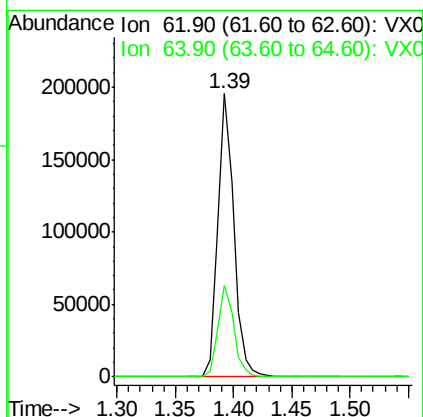
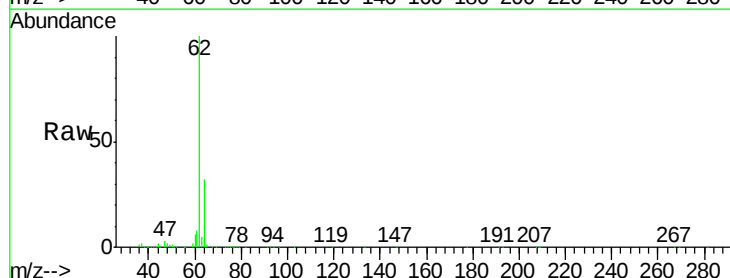
Acq: 11 May 2020 09:58

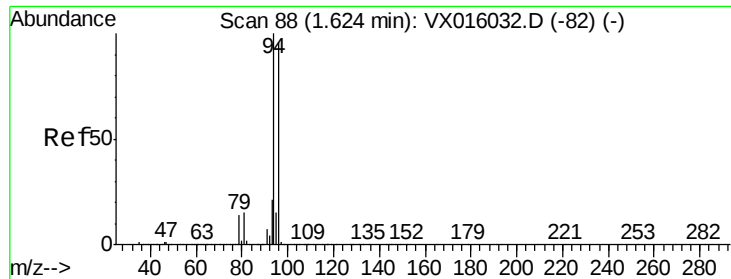
Tgt Ion: 62 Resp: 182811

Ion Ratio Lower Upper

62 100

64 32.3 25.7 38.5





#5

Bromomethane

Concen: 37.681 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016138.D

Acq: 11 May 2020 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 74764

Ion Ratio Lower Upper

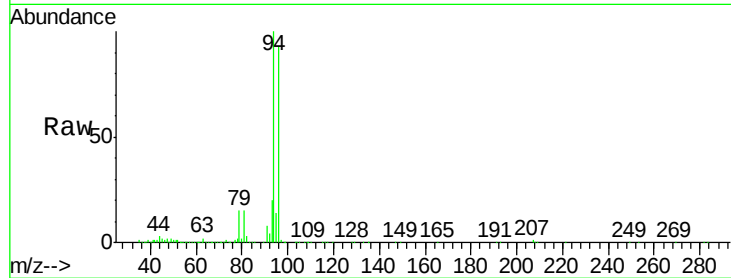
94 100

96 92.9 76.9 115.3

Manual Integrations
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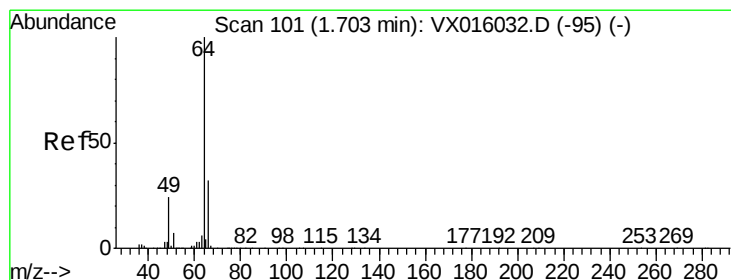
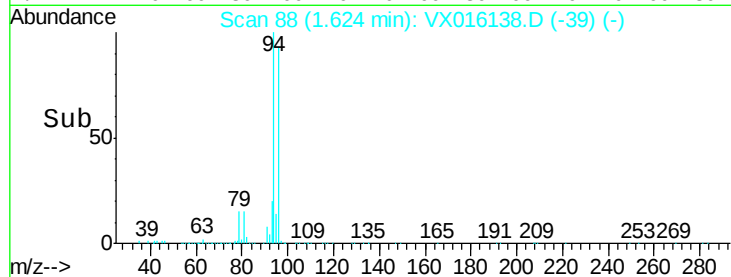
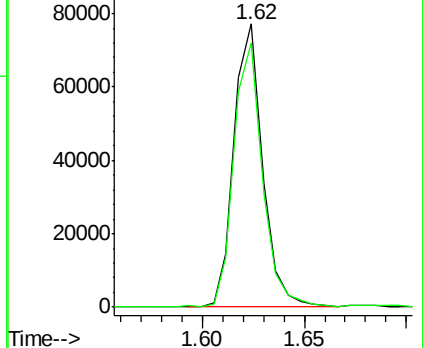
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 46.193 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016138.D

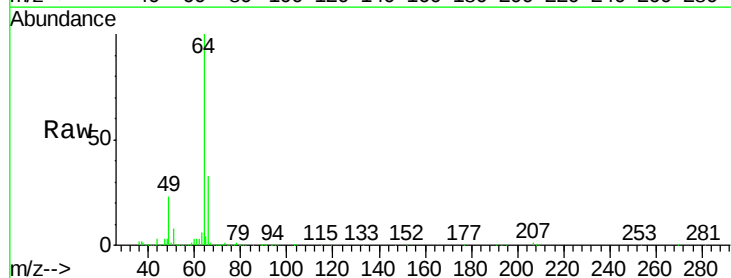
Acq: 11 May 2020 09:58

Tgt Ion: 64 Resp: 110615

Ion Ratio Lower Upper

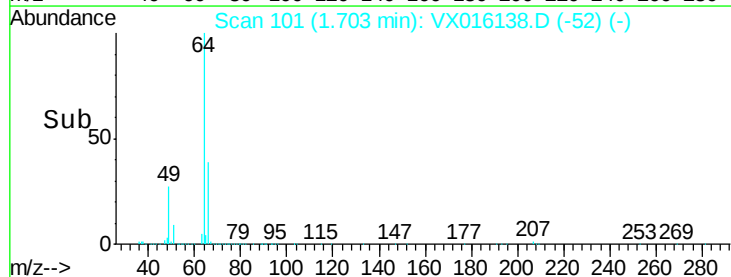
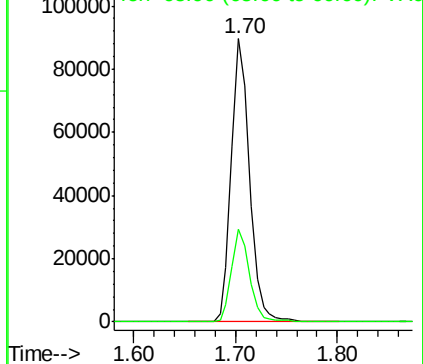
64 100

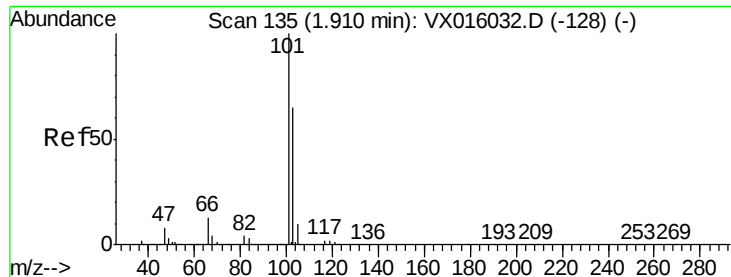
66 32.4 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

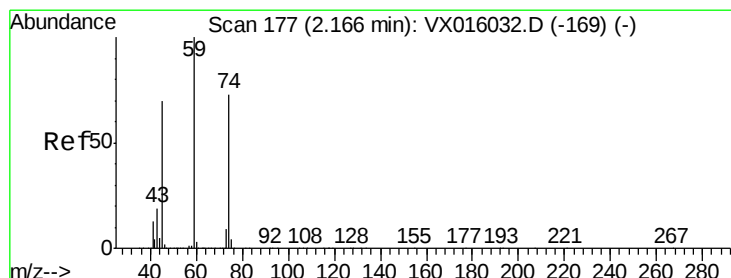
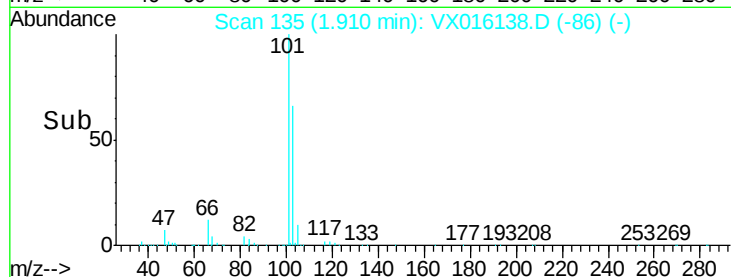
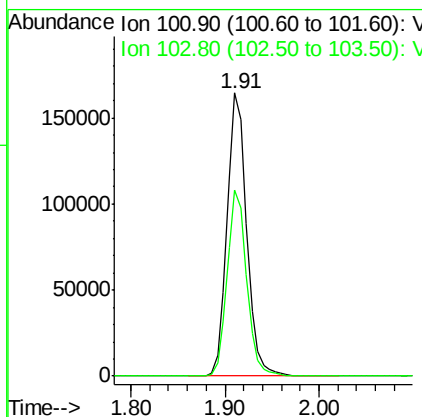
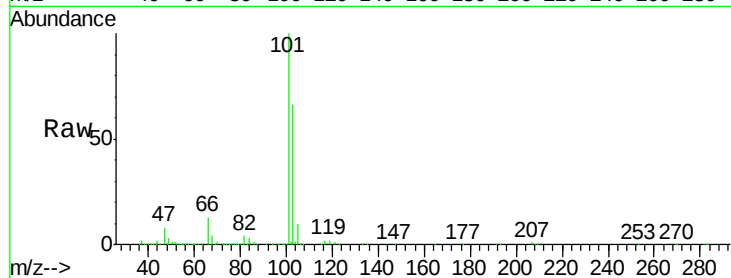
Trichlorofluoromethane
Concen: 46.014 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX016138.D
Acq: 11 May 2020 09:58

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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.9	51.8	77.6

Manual Integrations
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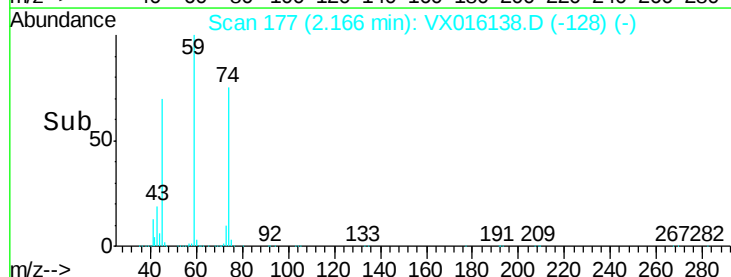
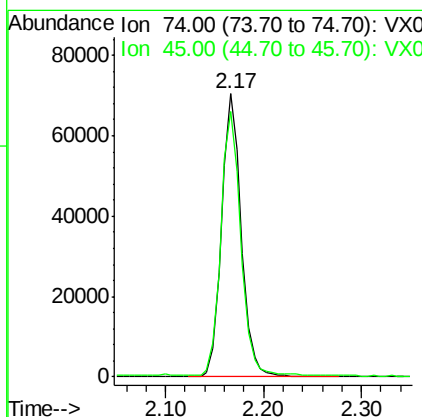
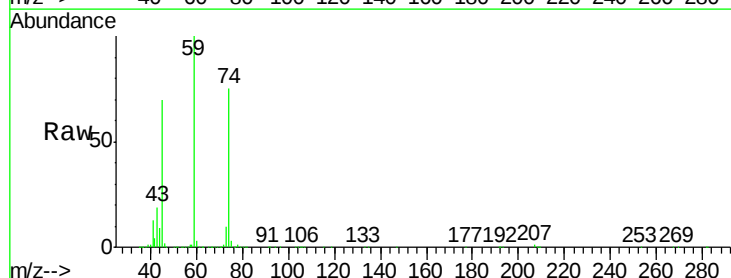
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5/12/2020 2:07:02 PM

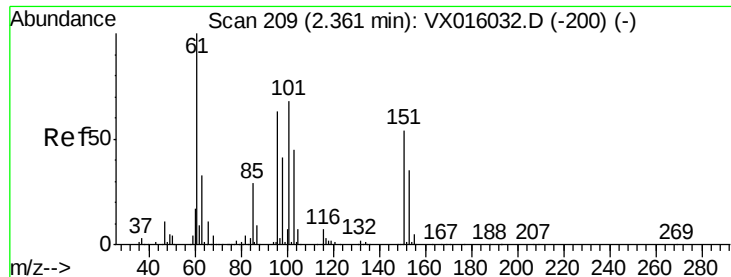


#8

Diethyl Ether
Concen: 45.050 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016138.D
Acq: 11 May 2020 09:58

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.6	47.3	142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.619 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016138.D

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Instrument :

MSVOA_X

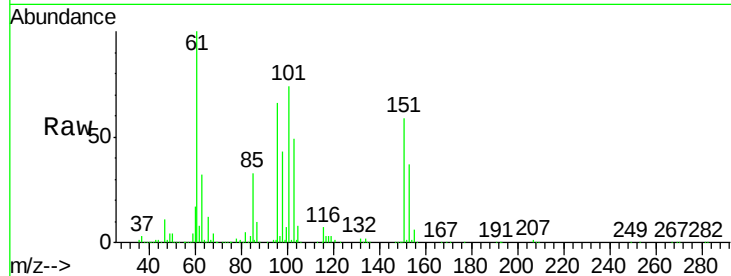
ClientSampleId :

VSTDCCC050

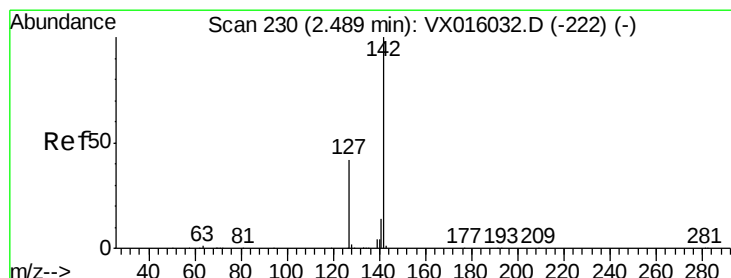
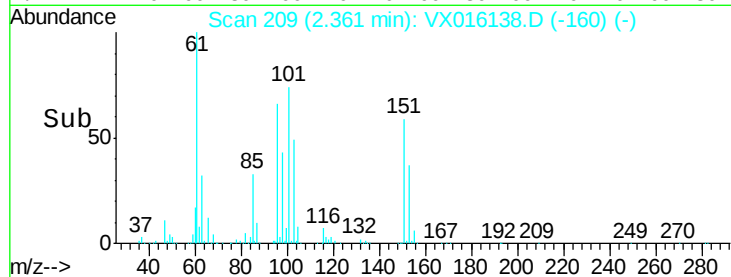
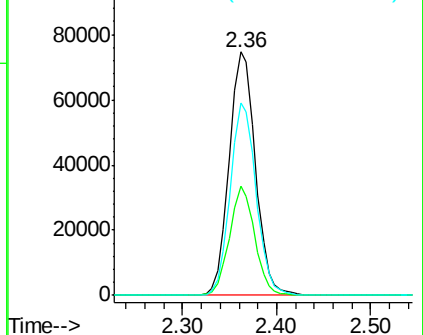
Tot Ion:	101	Resp:	144930
Ion Ratio	Lower	Upper	
101	100		
85	43.0	34.2	51.4
151	78.1	62.1	93.1

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 36.055 ug/l

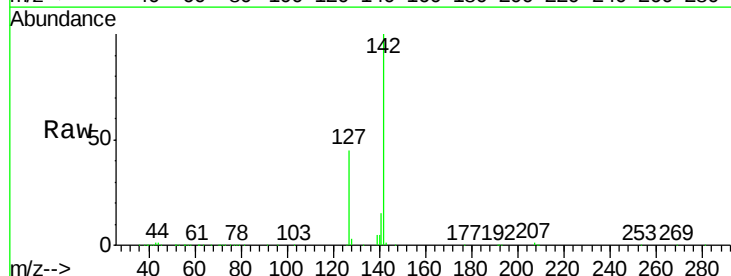
RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

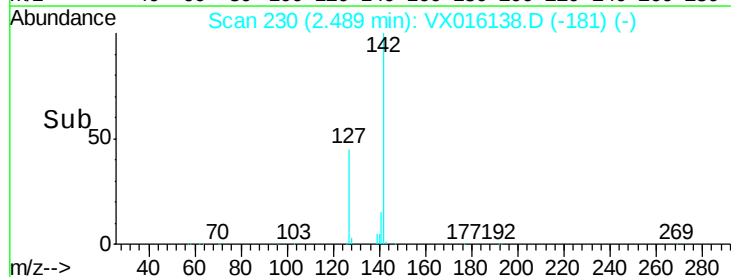
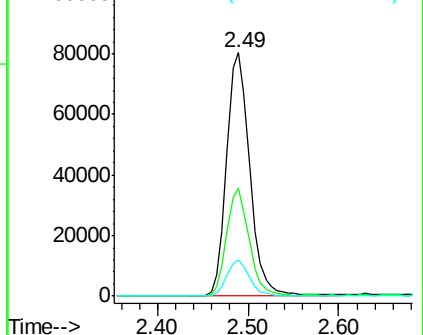
Lab File: VX016138.D

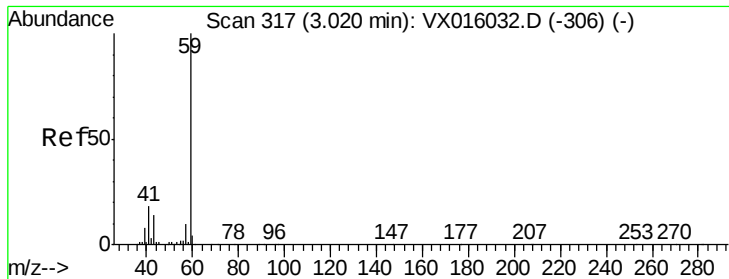
Acq: 11 May 2020 09:58

Tgt Ion:	142	Resp:	144370
Ion Ratio	Lower	Upper	
142	100		
127	42.8	34.6	52.0
141	14.4	11.3	16.9



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

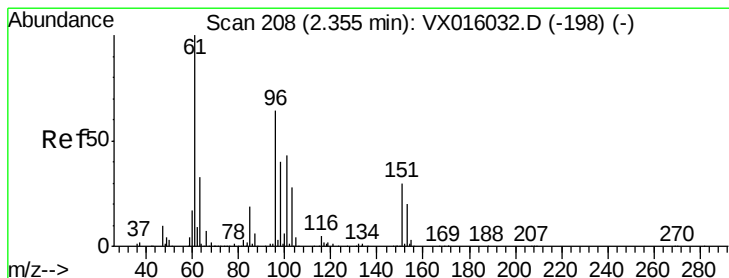
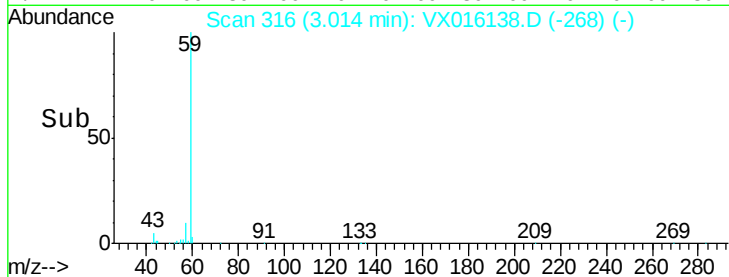
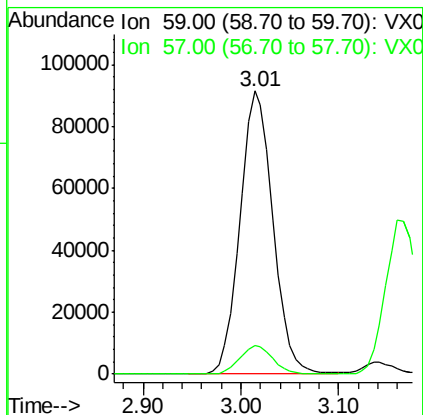
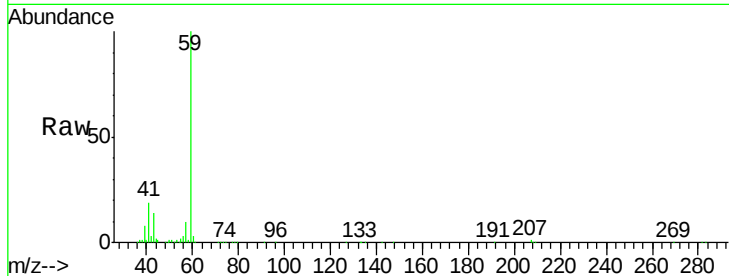
Tert butyl alcohol
 Concen: 214.064 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. -0.01 min
 Lab File: VX016138.D
 Acq: 11 May 2020 09:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.2	12.4

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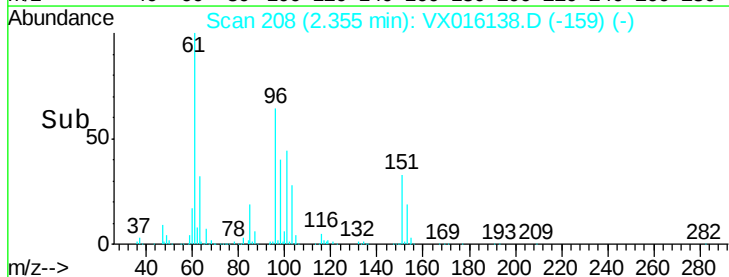
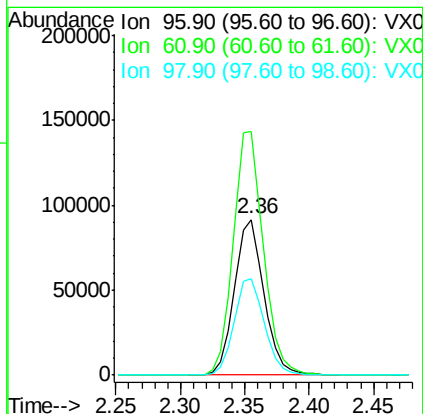
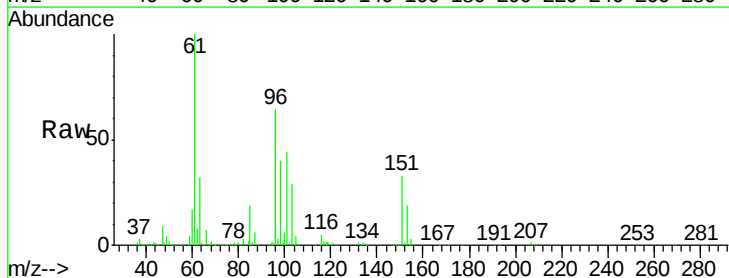
apatel
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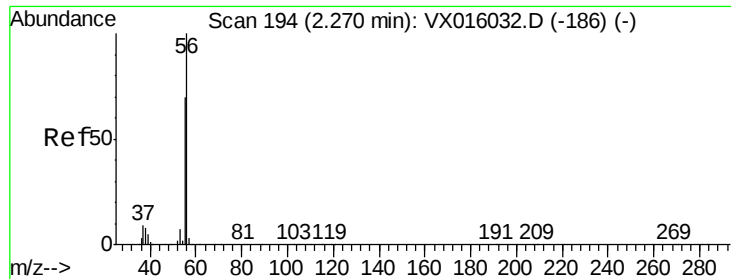


#12

1,1-Dichloroethene
 Concen: 46.593 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016138.D
 Acq: 11 May 2020 09:58

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.6	124.8	187.2
98	62.2	49.7	74.5





#13

Acrolein

Concen: 164.164 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016138.D

Acq: 11 May 2020 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 102581

Ion Ratio Lower Upper

56 100

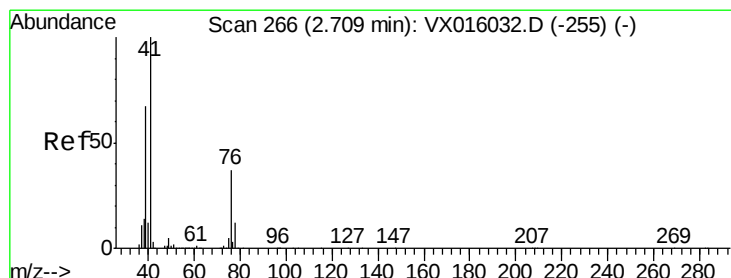
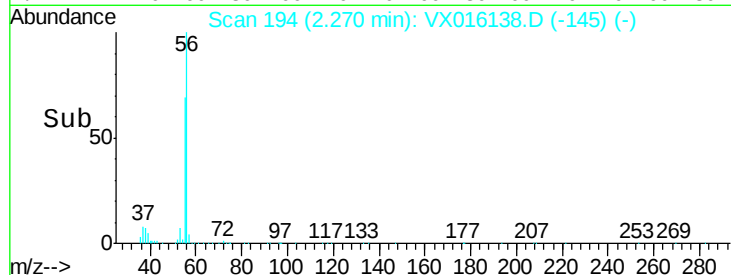
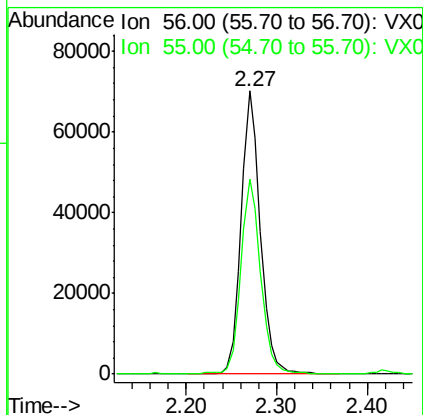
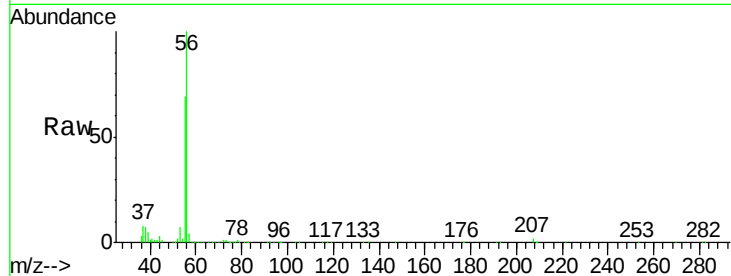
55 70.6 56.5 84.7

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#14

Allyl chloride

Concen: 47.234 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016138.D

Acq: 11 May 2020 09:58

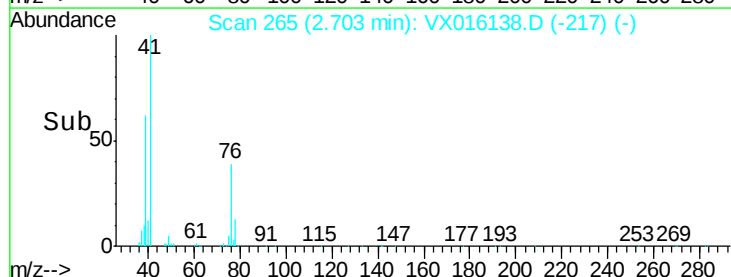
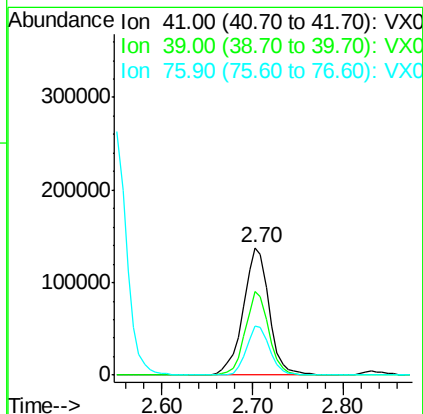
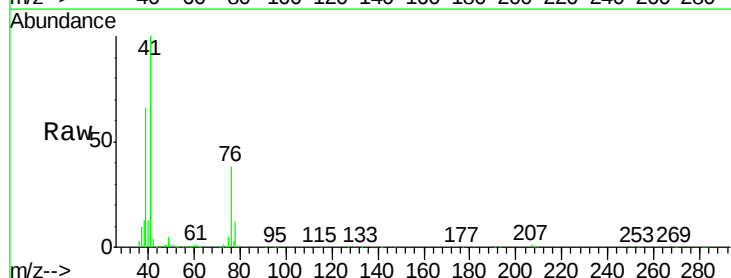
Tgt Ion: 41 Resp: 270166

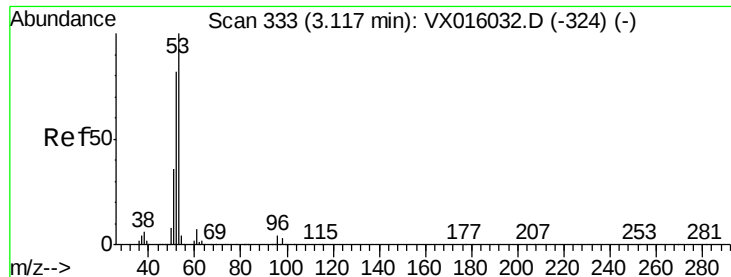
Ion Ratio Lower Upper

41 100

39 59.6 50.5 75.7

76 34.6 26.6 40.0





#15

Acrylonitrile

Concen: 229.719 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016138.D

Acq: 11 May 2020 09:58

Instrument :

MSVOA_X

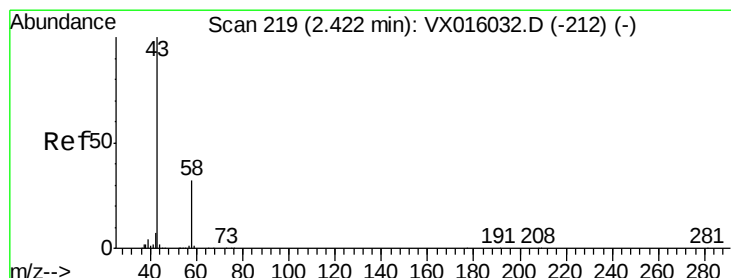
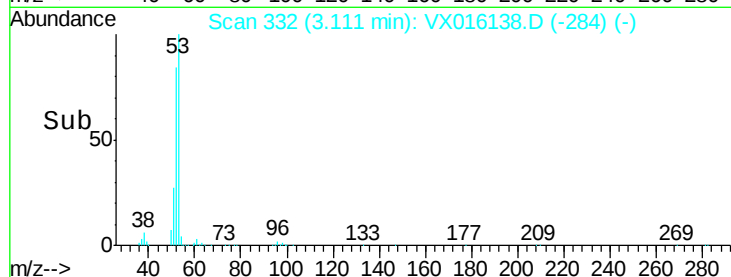
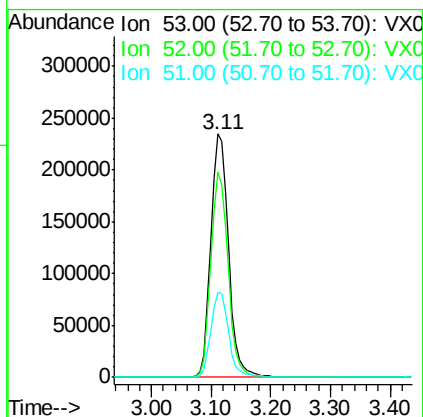
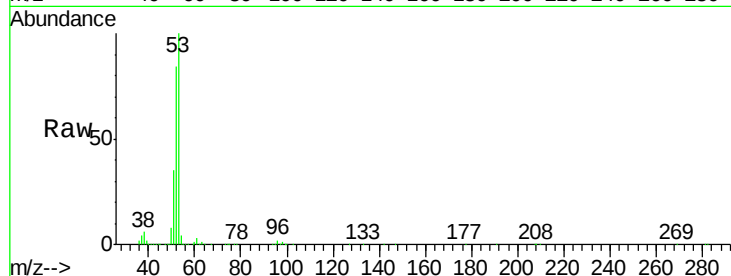
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	475871
Ion Ratio	Lower	Upper	
53	100		
52	82.3	66.1	99.1
51	35.2	28.8	43.2

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#16

Acetone

Concen: 218.601 ug/l

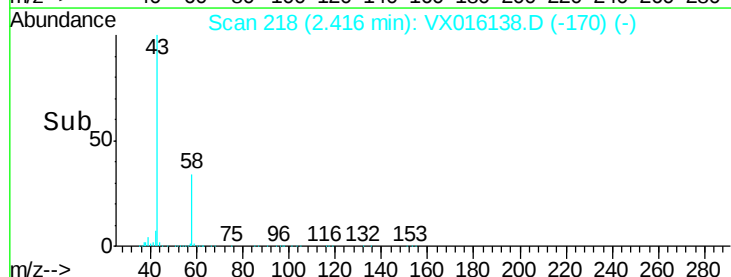
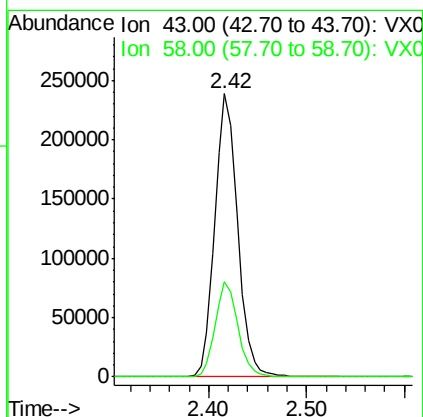
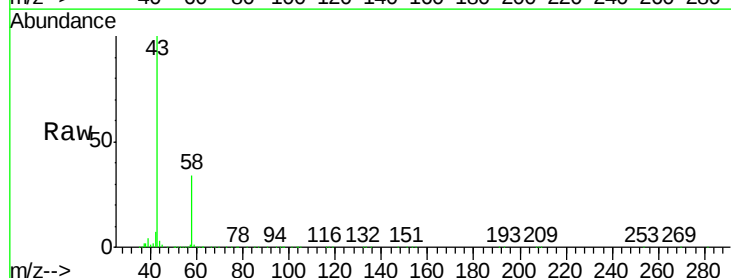
RT: 2.42 min Scan# 218

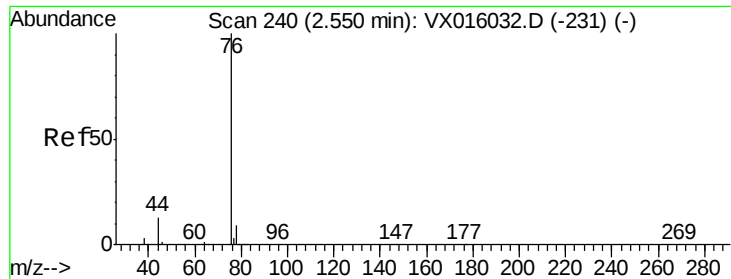
Delta R.T. -0.01 min

Lab File: VX016138.D

Acq: 11 May 2020 09:58

Tgt Ion:	43	Resp:	385164
Ion Ratio	Lower	Upper	
43	100		
58	33.8	25.4	38.0





#17

Carbon Disulfide

Concen: 46.402 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016138.D

Acq: 11 May 2020 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 434833

Ion Ratio Lower Upper

76 100

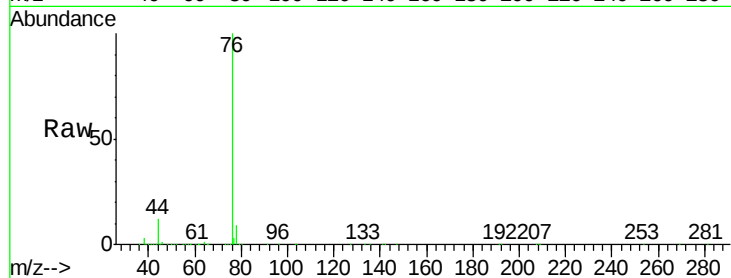
78 9.0 7.5 11.3

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

250000

200000

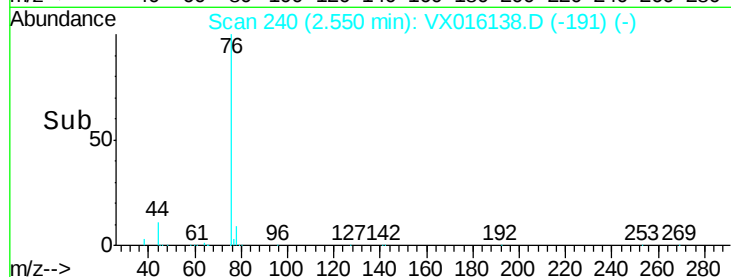
150000

100000

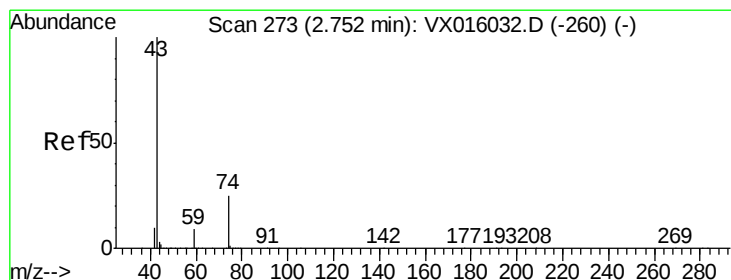
50000

0

Time-->



Time-->



#18

Methyl Acetate

Concen: 47.326 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX016138.D

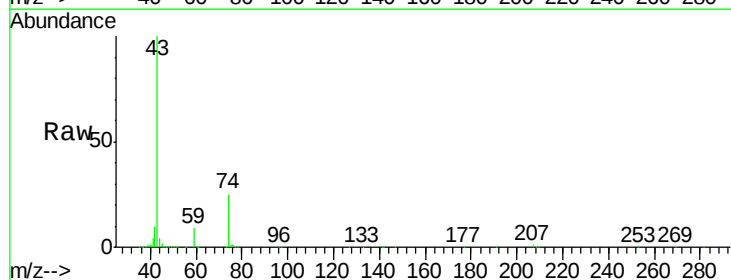
Acq: 11 May 2020 09:58

Tgt Ion: 43 Resp: 205028

Ion Ratio Lower Upper

43 100

74 25.2 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

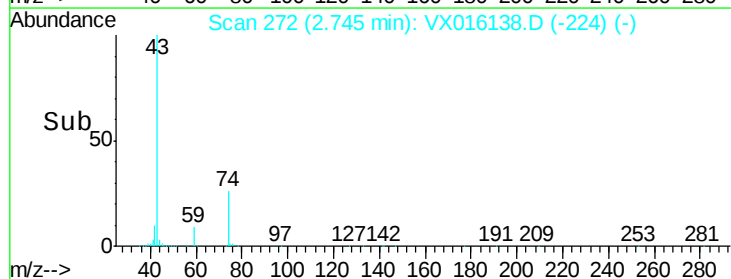
2.75

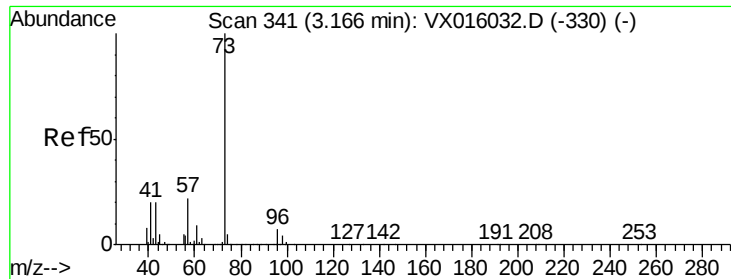
100000

50000

0

Time-->





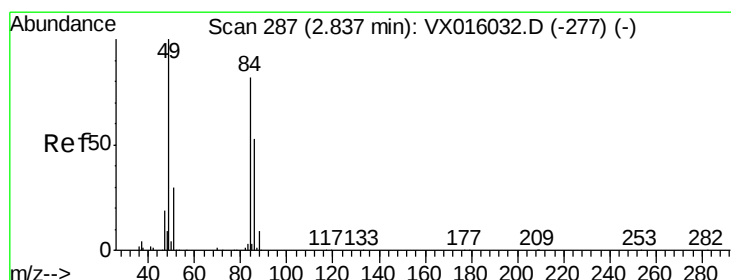
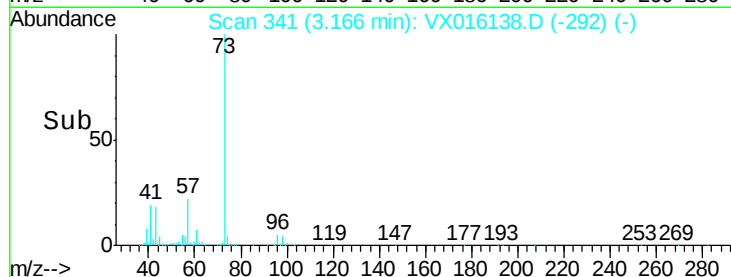
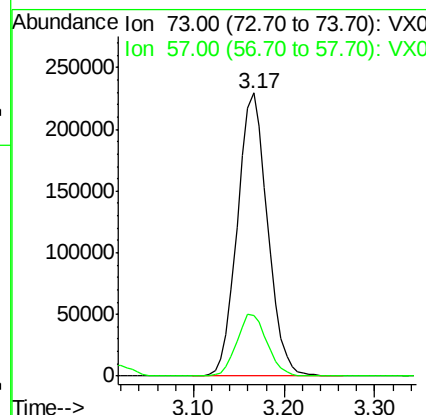
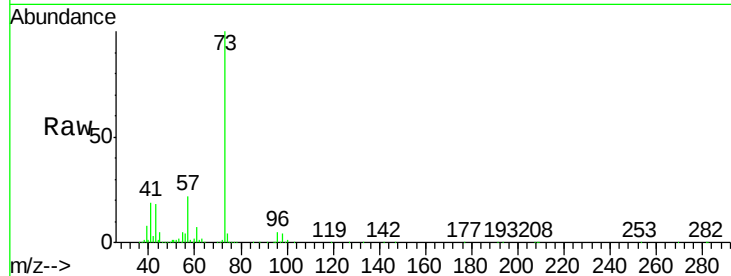
#19
Methvl tert-butvl Ether
Concen: 49.040 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016138.D
Acq: 11 May 2020 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.6	17.8	26.6

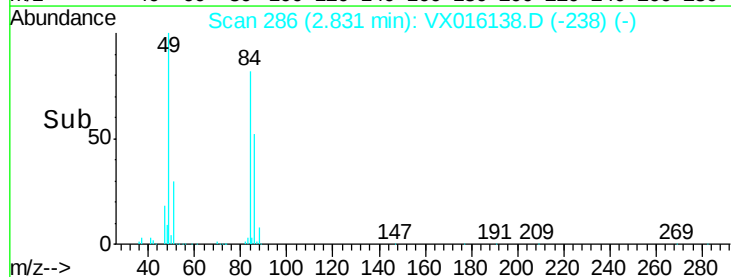
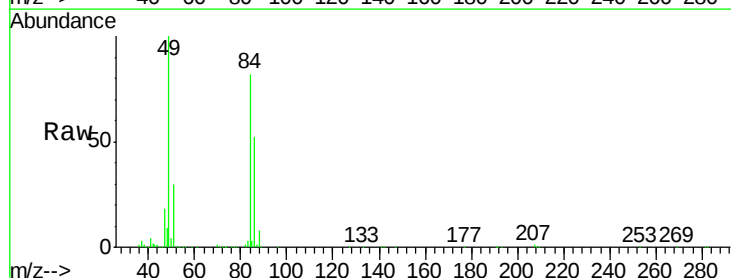
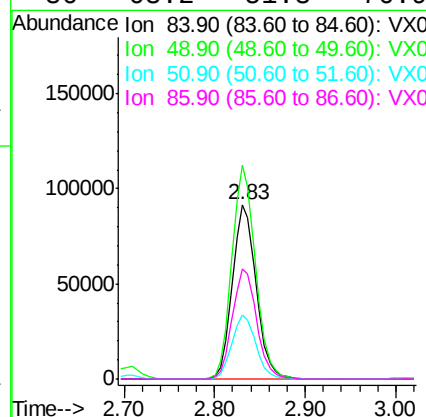
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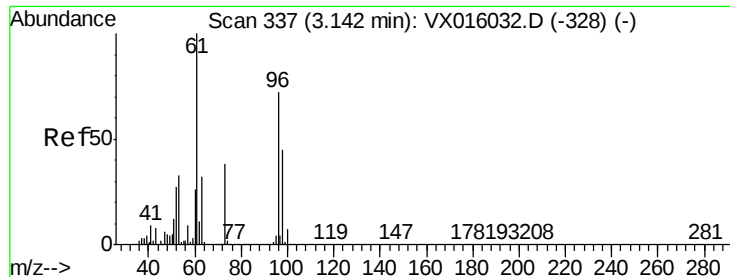
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#20
Methylene Chloride
Concen: 45.886 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016138.D
Acq: 11 May 2020 09:58

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.4	97.3	145.9
51	36.6	29.3	43.9
86	63.2	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 46.733 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016138.D

Acq: 11 May 2020 09:58

Instrument :

MSVOA_X

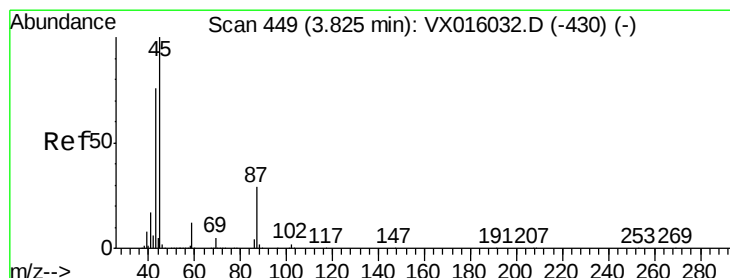
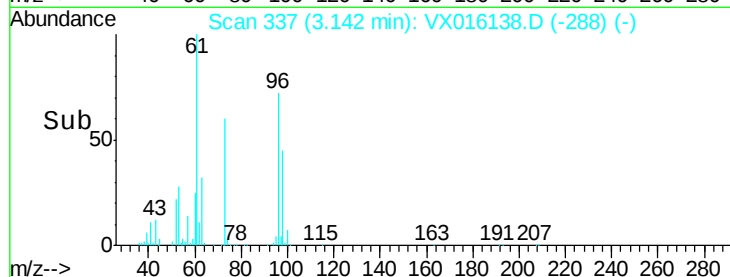
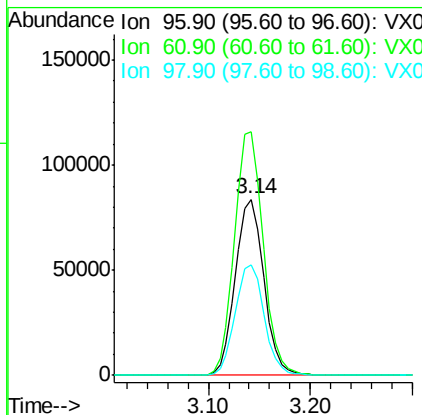
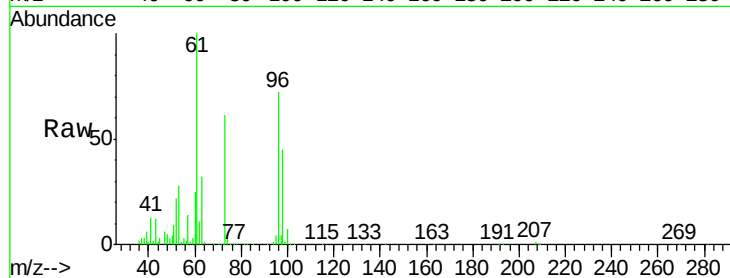
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	162454
Ion	Ratio	Lower	Upper
96	100		
61	138.6	111.2	166.8
98	62.7	50.2	75.4

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#22

Diisopropyl ether

Concen: 48.109 ug/l

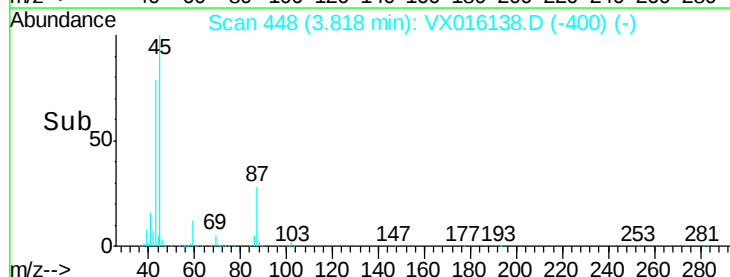
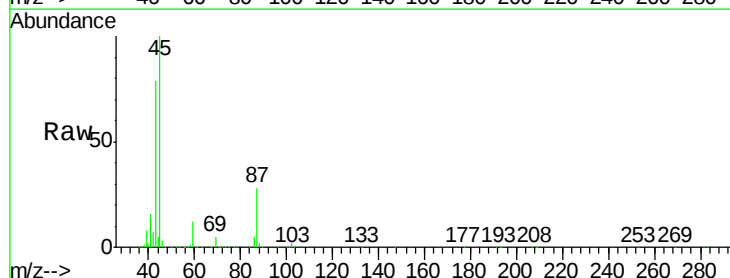
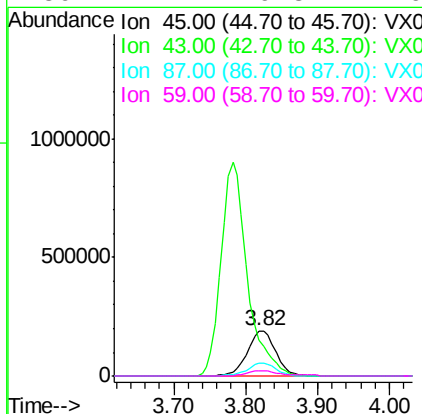
RT: 3.82 min Scan# 448

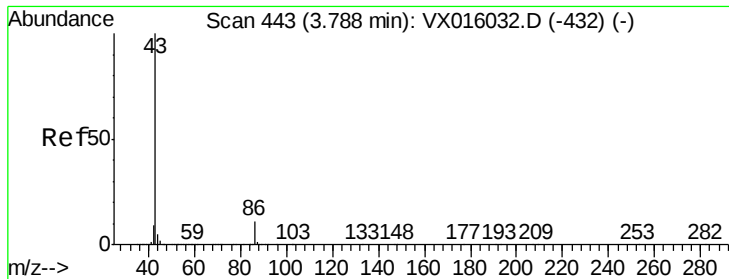
Delta R.T. -0.01 min

Lab File: VX016138.D

Acq: 11 May 2020 09:58

Tgt Ion:	45	Resp:	519123
Ion	Ratio	Lower	Upper
45	100		
43	79.4	61.1	91.7
87	28.2	23.0	34.6
59	11.7	9.8	14.6





#23

Vinyl Acetate

Concen: 241.652 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016138.D

Acq: 11 May 2020 09:58

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 2294086

Ion Ratio Lower Upper

43 100

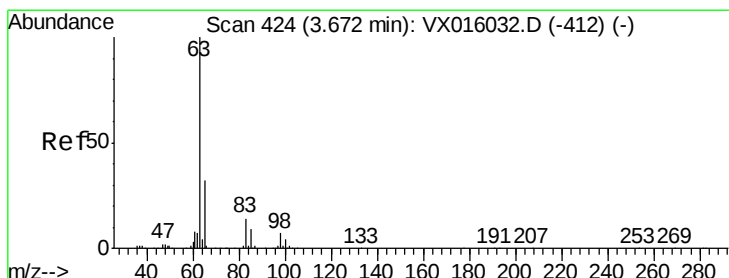
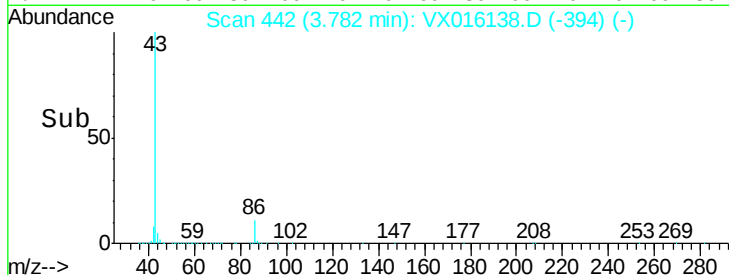
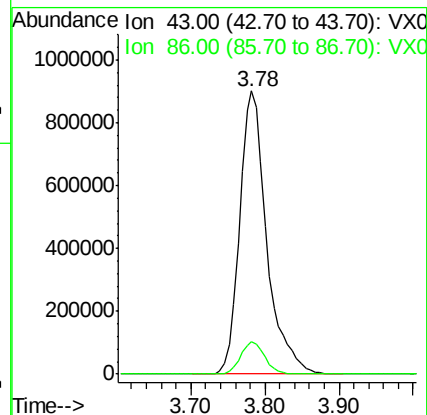
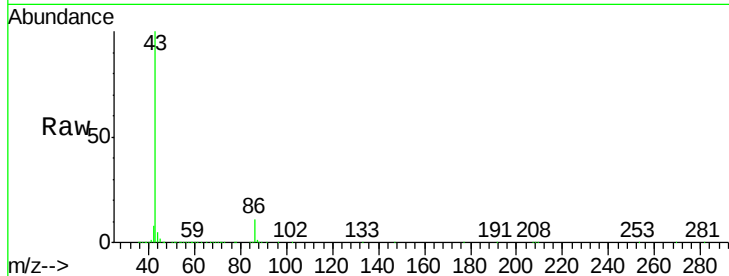
86 11.4 9.0 13.4

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#24

1,1-Dichloroethane

Concen: 48.700 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016138.D

Acq: 11 May 2020 09:58

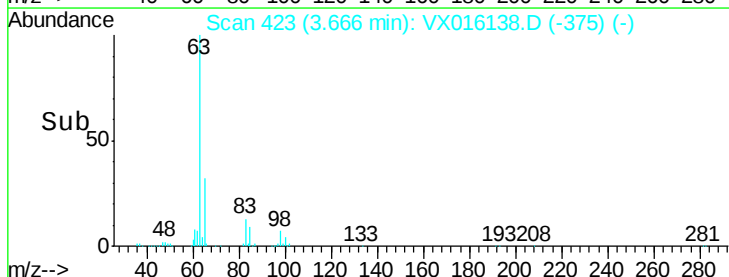
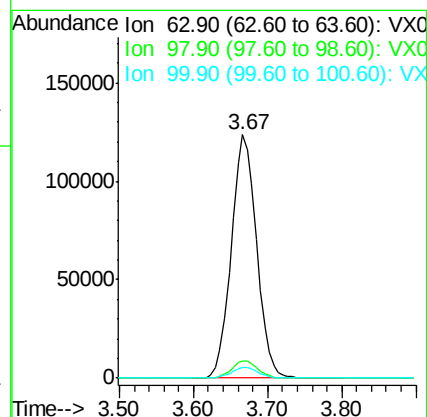
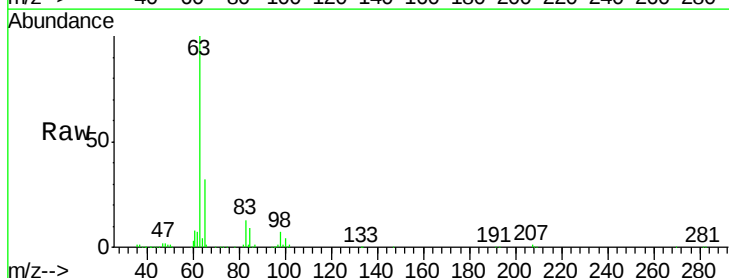
Tgt Ion: 63 Resp: 293964

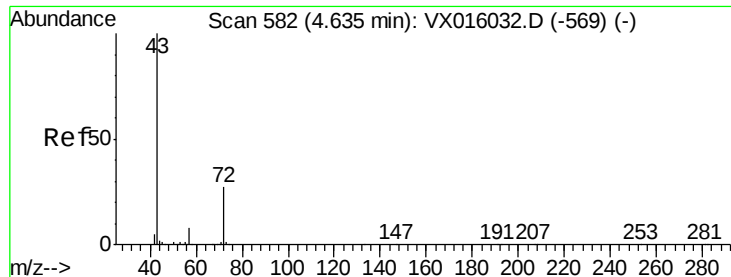
Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.5

100 4.5 2.1 6.5





#25

2-Butanone

Concen: 219.174 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016138.D

Acq: 11 May 2020 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 622282

Ion Ratio Lower Upper

43 100

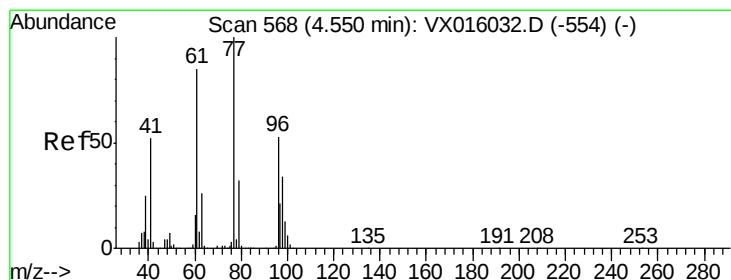
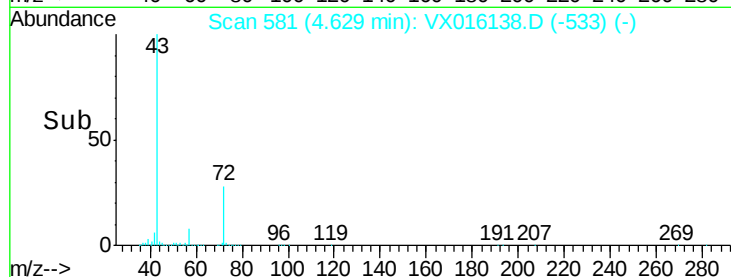
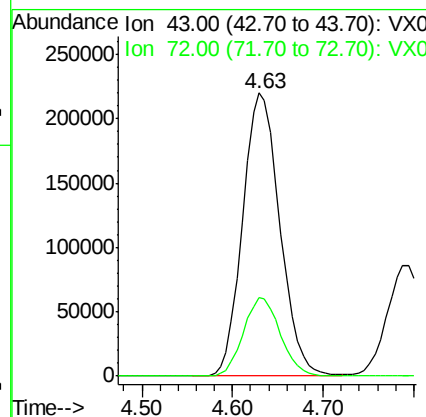
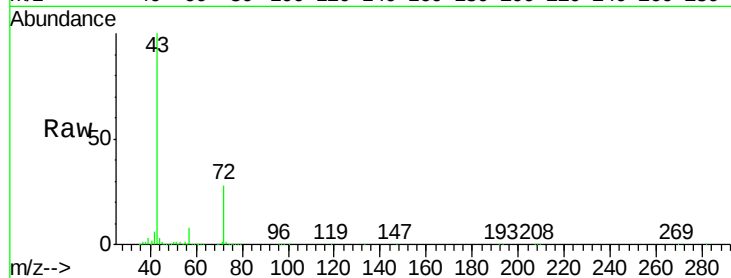
72 27.6 21.8 32.8

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#26

2,2-Dichloropropane

Concen: 48.811 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016138.D

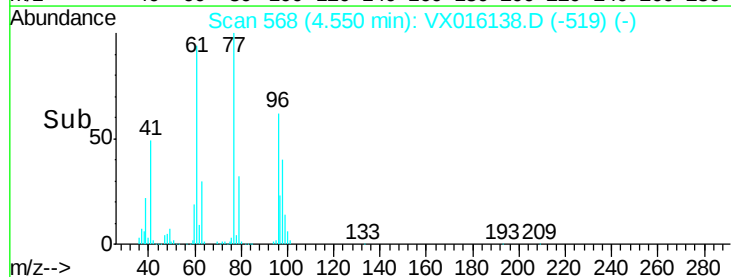
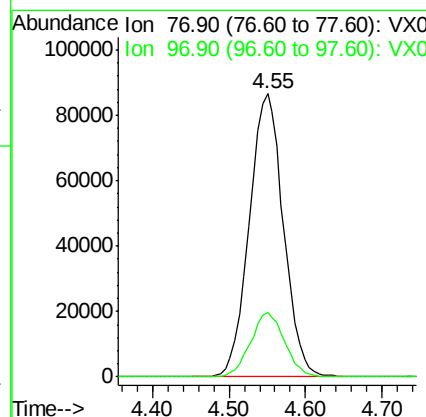
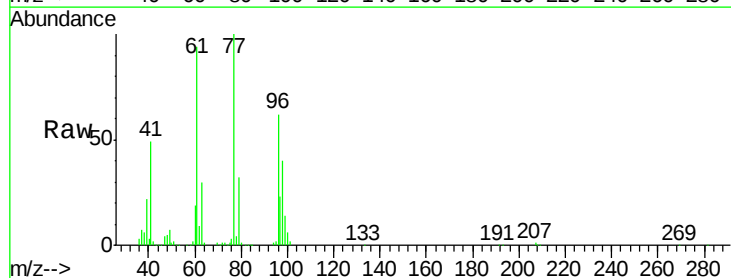
Acq: 11 May 2020 09:58

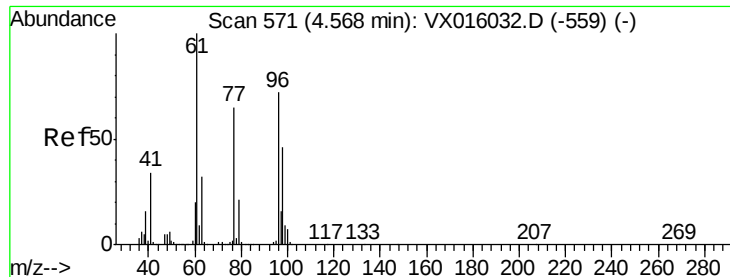
Tgt Ion: 77 Resp: 269072

Ion Ratio Lower Upper

77 100

97 22.8 11.2 33.6





#27

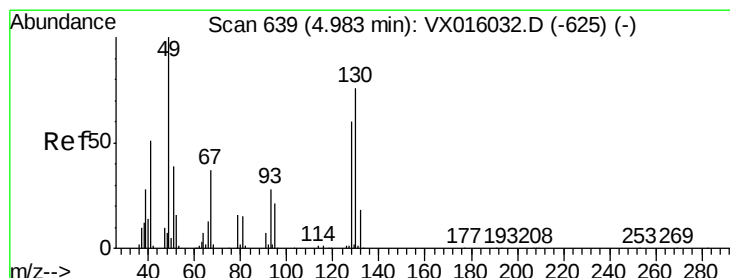
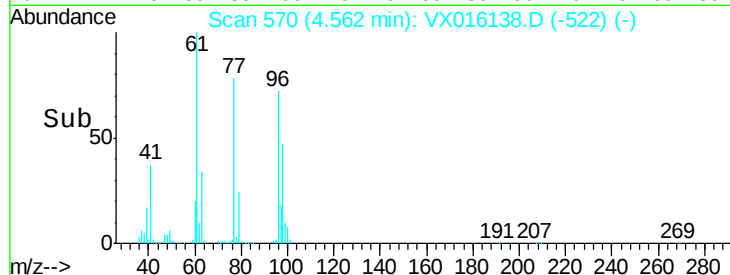
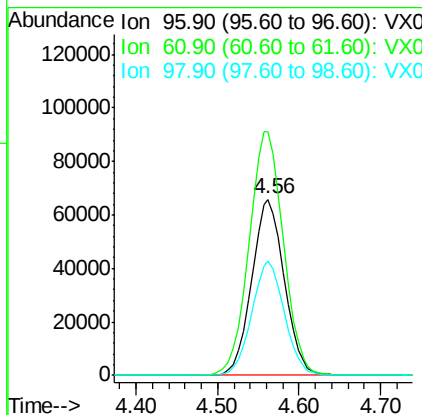
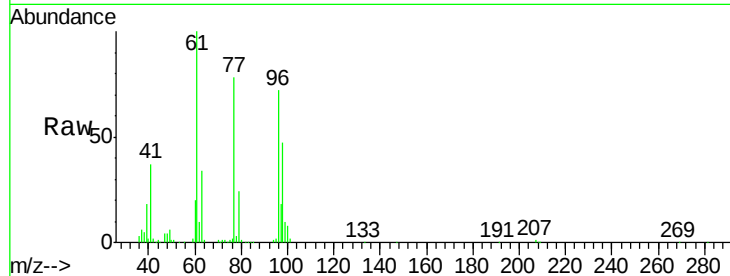
cis-1,2-Dichloroethene
Concen: 48.075 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016138.D
Acq: 11 May 2020 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	182702		
61	146.3	0.0	296.2	
98	65.1	0.0	129.4	

Manual Integrations
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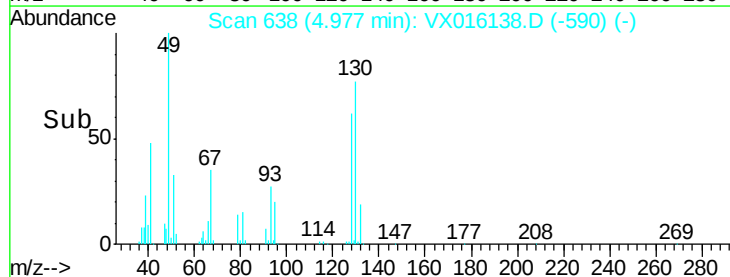
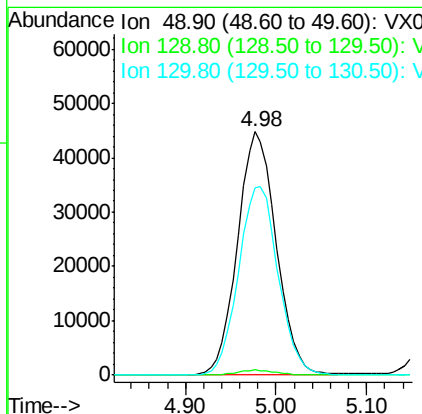
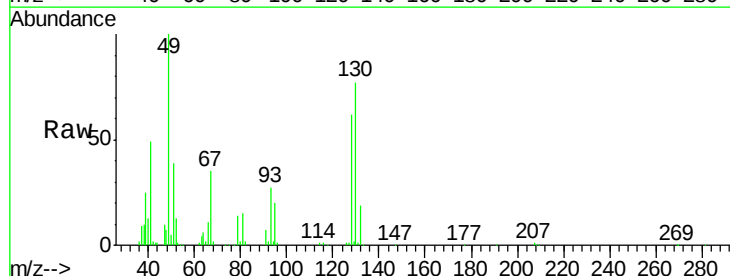
apatel
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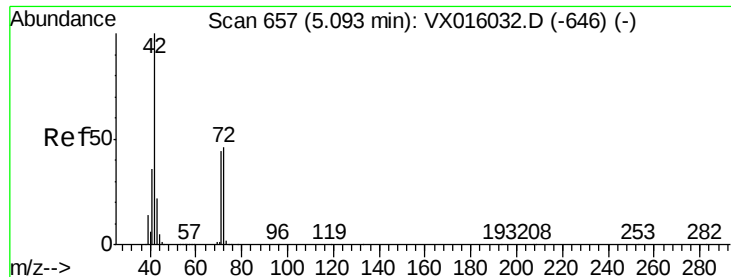


#28

Bromochloromethane
Concen: 48.123 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX016138.D
Acq: 11 May 2020 09:58

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	132454		
129	2.1	0.0	4.0	
130	79.3	62.4	93.6	





#29

Tetrahydrofuran

Concen: 228.406 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX016138.D

Acq: 11 May 2020 09:58

Instrument :

MSVOA_X

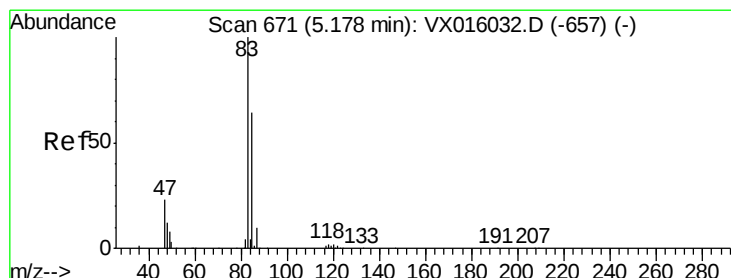
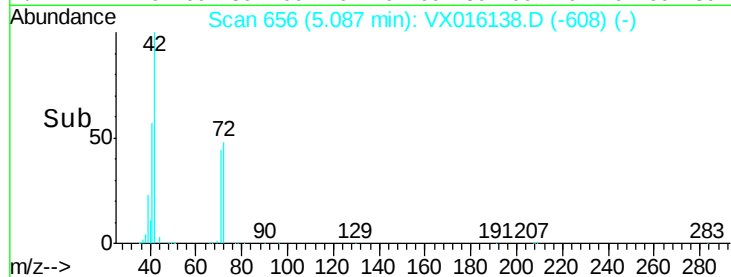
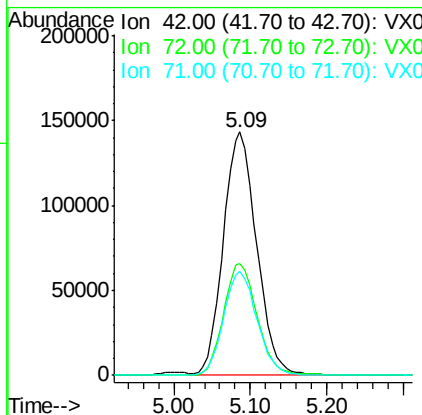
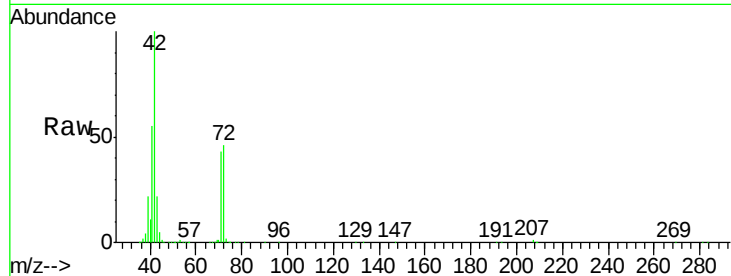
ClientSampleId :

VSTDCCC050

Tot Ion:	42	Resp:	429694
Ion Ratio		Lower	Upper
42	100		
72	46.7	37.1	55.7
71	43.0	34.5	51.7

Manual Integrations
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#30

Chloroform

Concen: 48.559 ug/l

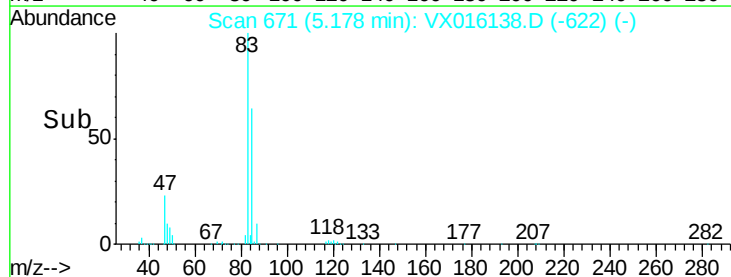
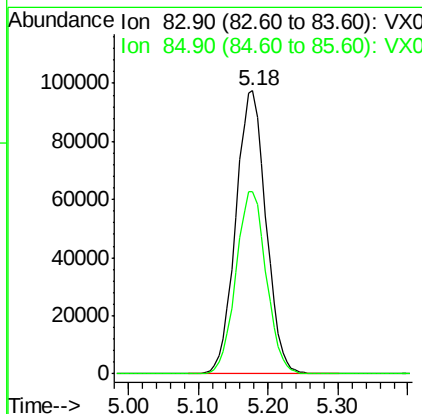
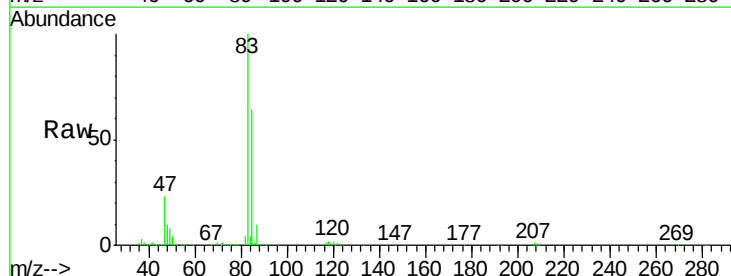
RT: 5.18 min Scan# 671

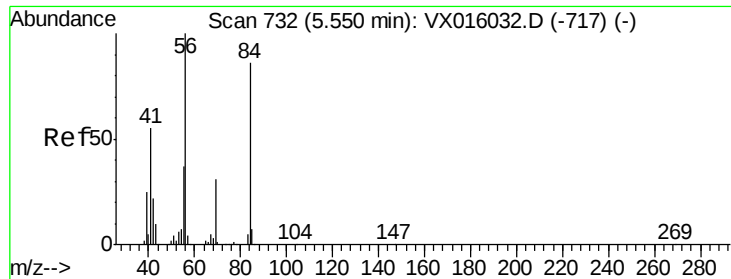
Delta R.T. -0.00 min

Lab File: VX016138.D

Acq: 11 May 2020 09:58

Tgt Ion:	83	Resp:	291841
Ion Ratio		Lower	Upper
83	100		
85	64.5	51.6	77.4





#31

Cyclohexane

Concen: 49.244 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX016138.D

Acq: 11 May 2020 09:58

Instrument :

MSVOA_X

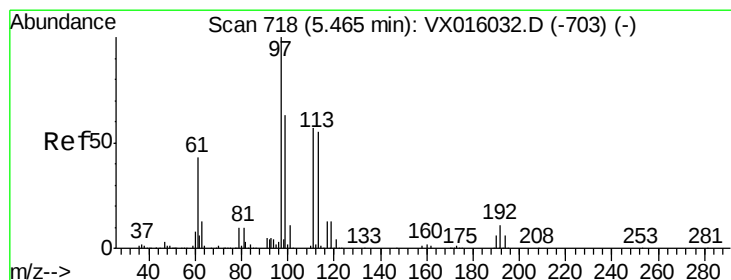
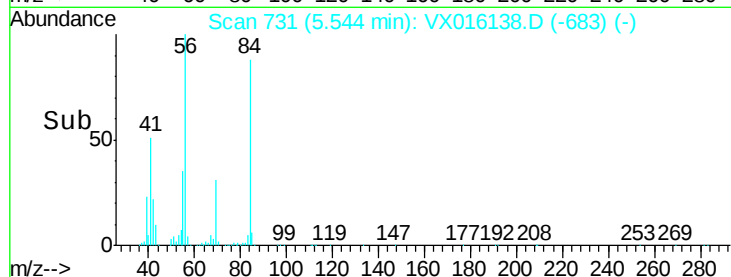
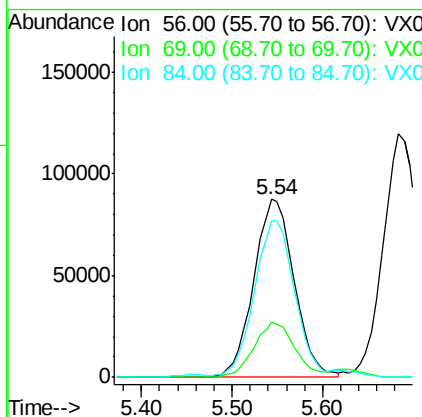
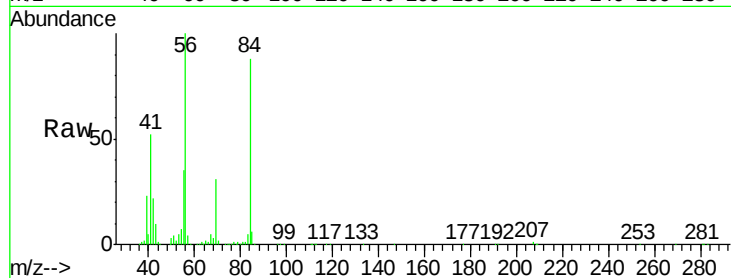
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	270143
Ion	Ratio	Lower	Upper
56	100		
69	31.0	25.0	37.6
84	86.5	69.0	103.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 48.347 ug/l

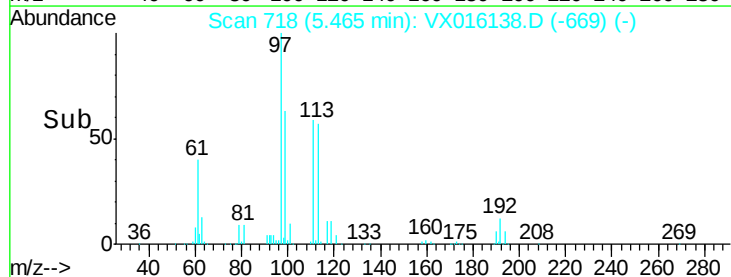
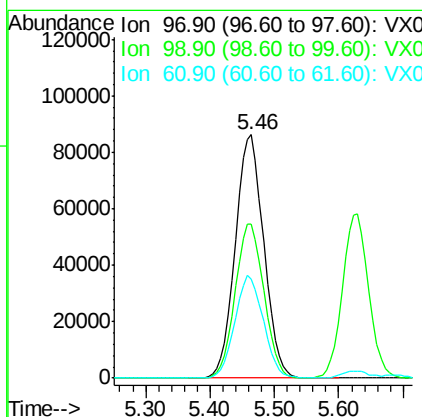
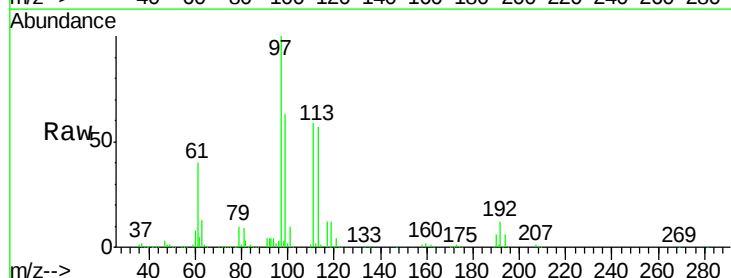
RT: 5.46 min Scan# 718

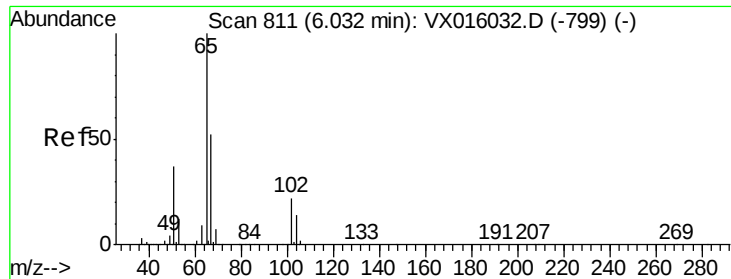
Delta R.T. -0.00 min

Lab File: VX016138.D

Acq: 11 May 2020 09:58

Tgt Ion:	97	Resp:	264120
Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.0	76.4
61	42.0	34.5	51.7





#33

1,2-Dichloroethane-d4

Concen: 45.270 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016138.D

Acq: 11 May 2020 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 178766

Ion Ratio Lower Upper

65 100

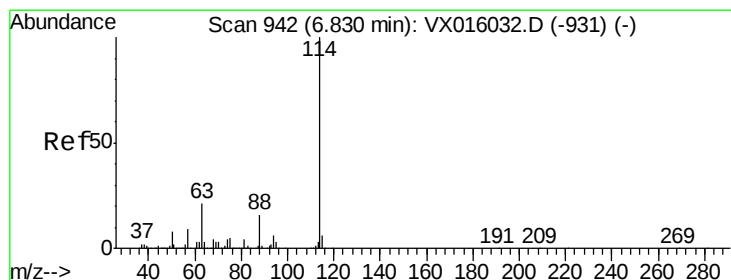
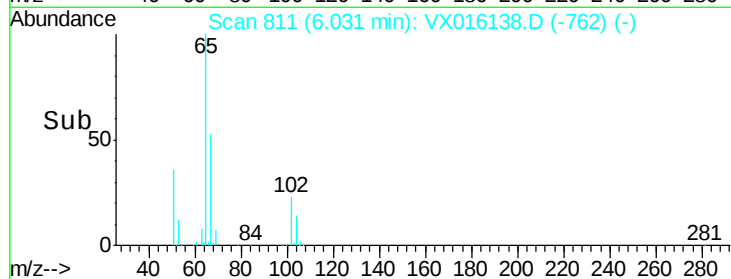
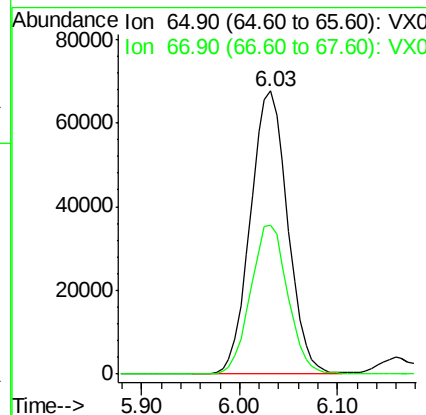
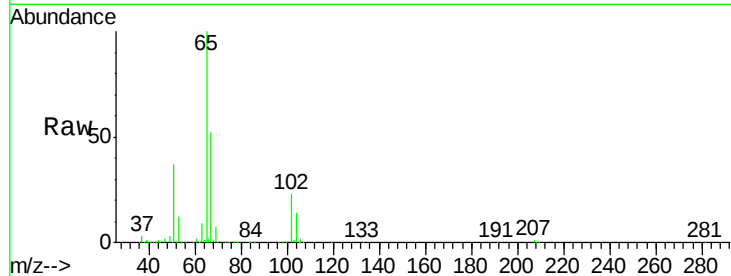
67 52.7 0.0 104.8

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016138.D

Acq: 11 May 2020 09:58

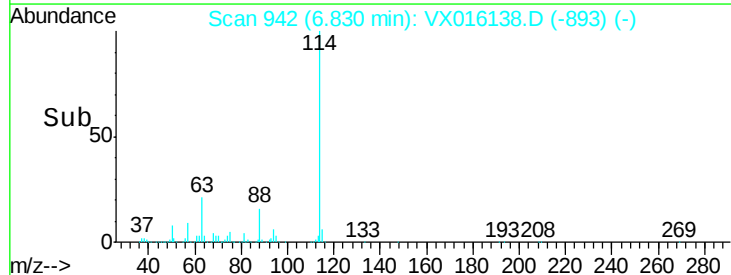
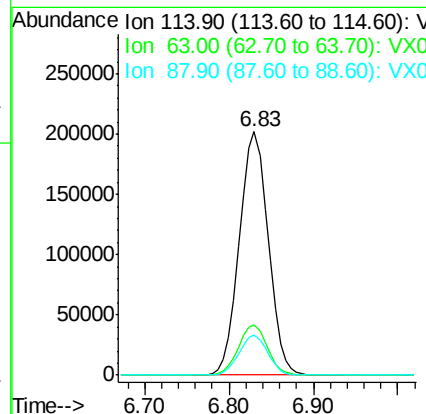
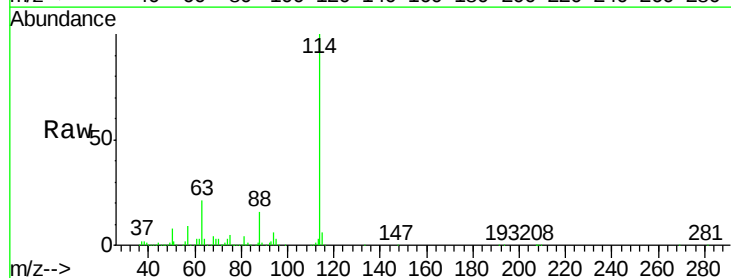
Tgt Ion: 114 Resp: 467535

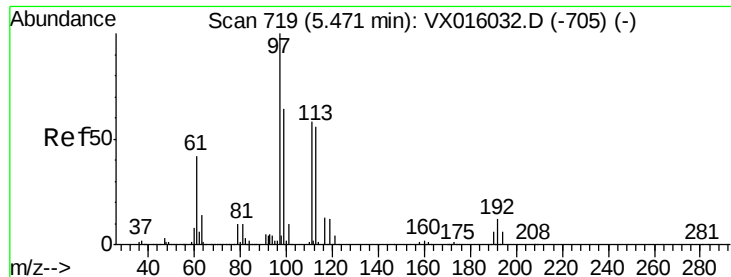
Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.8

88 16.3 0.0 31.4





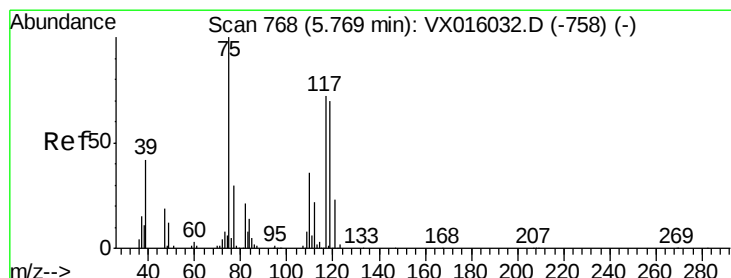
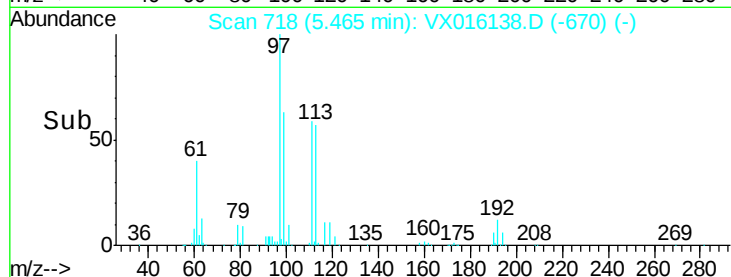
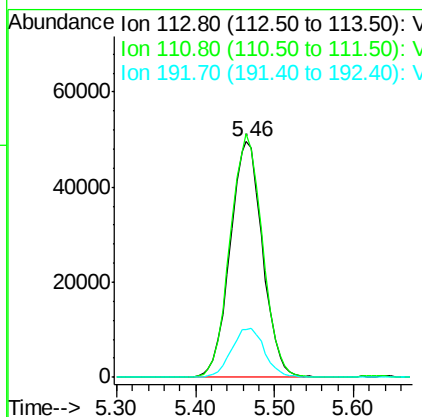
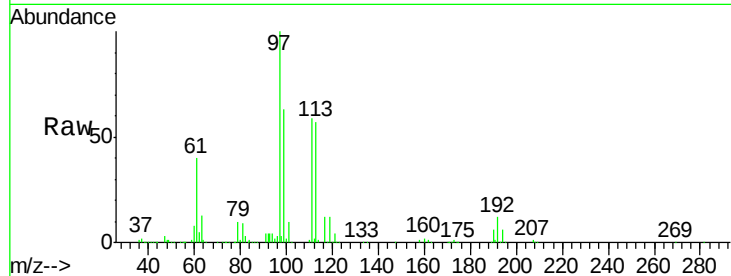
#35
Dibromofluoromethane
Concen: 47.833 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX016138.D
Acq: 11 May 2020 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.6	122.4
192	21.4	17.0	25.4

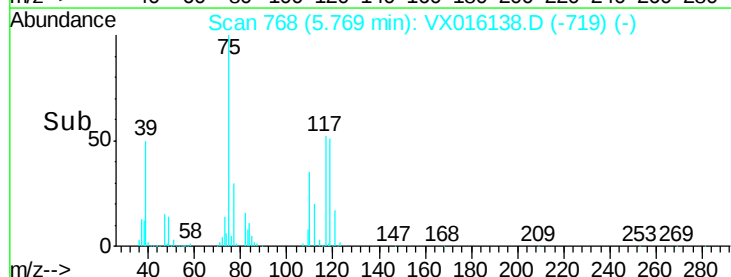
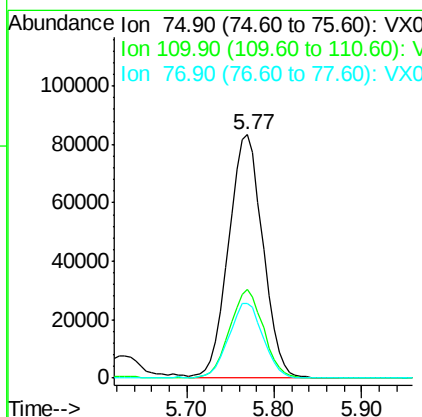
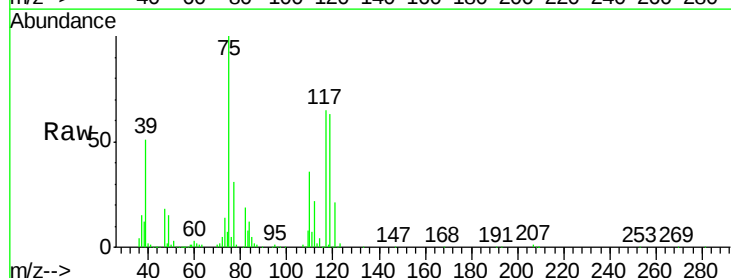
Manual Integrations
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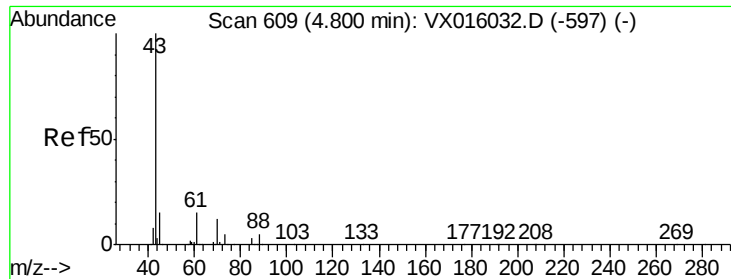
apatel
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#36
1,1-Dichloropropene
Concen: 49.226 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX016138.D
Acq: 11 May 2020 09:58

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.9	18.1	54.1
77	30.7	25.0	37.6





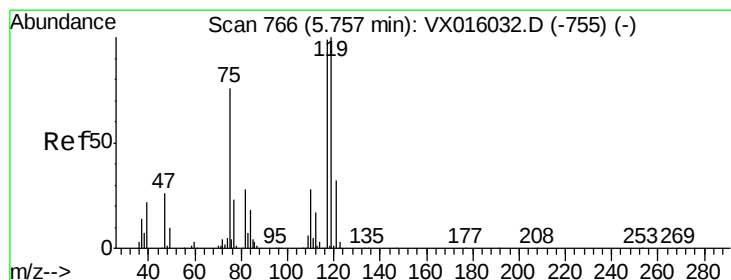
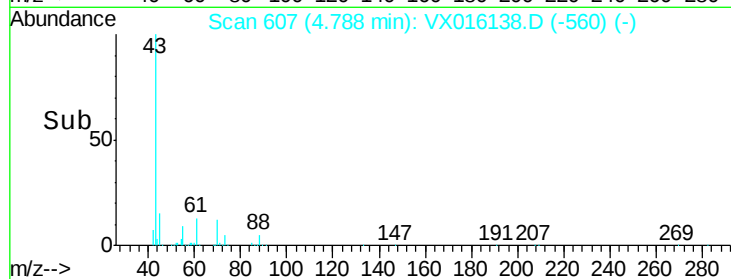
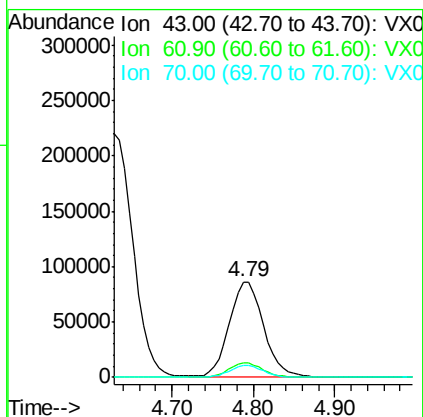
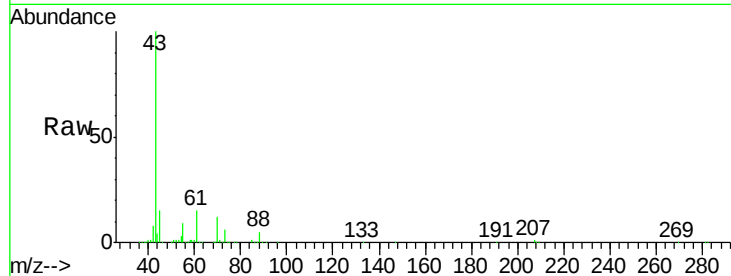
#37
Ethyl Acetate
Concen: 46.817 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX016138.D
Acq: 11 May 2020 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.9	11.7	17.5
70	12.0	9.3	13.9

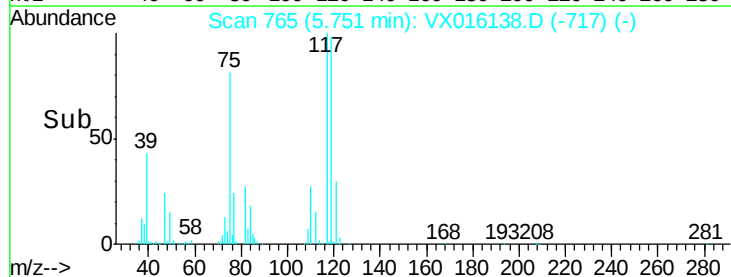
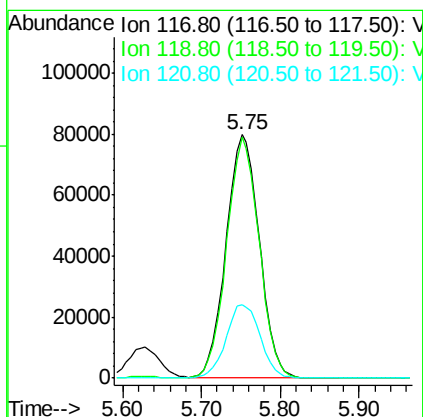
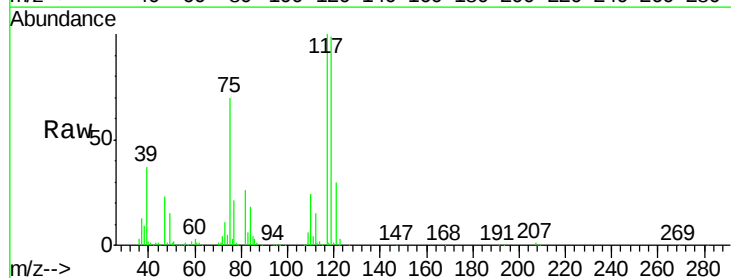
Manual Integrations
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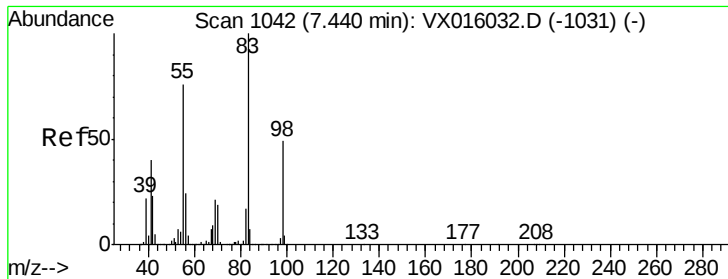
apatel
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#38
Carbon Tetrachloride
Concen: 50.254 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016138.D
Acq: 11 May 2020 09:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.7	80.3	120.5
121	30.3	25.7	38.5





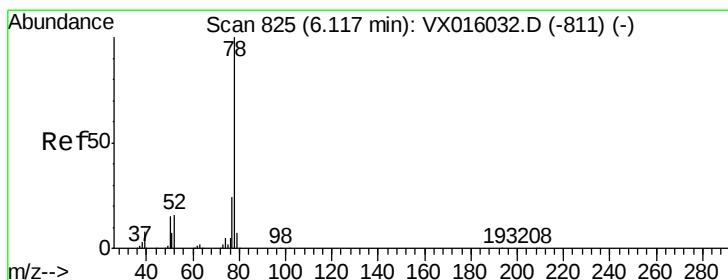
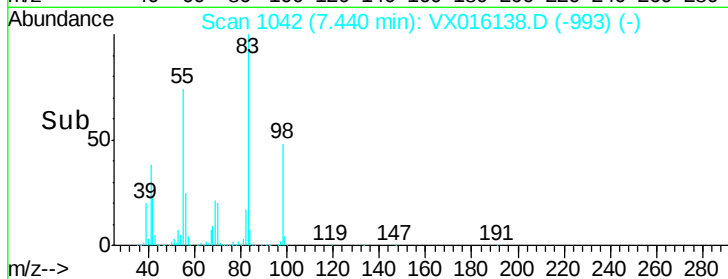
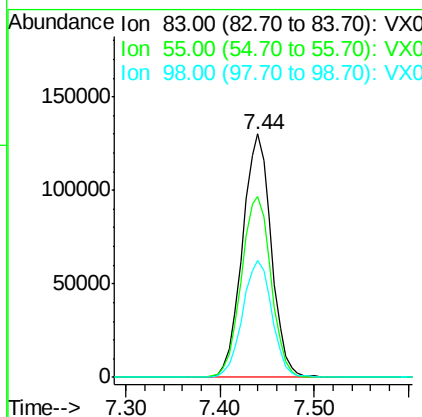
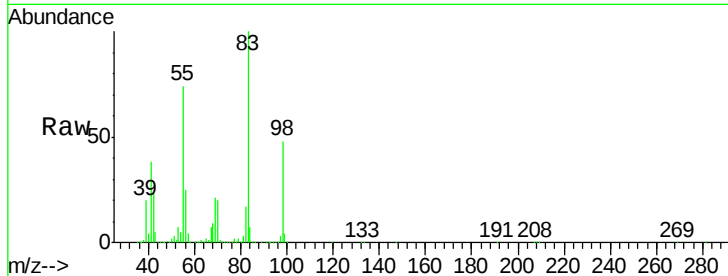
#39
Methvlcvclohexane
Concen: 50.326 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016138.D
Acq: 11 May 2020 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.4	61.1	91.7
98	47.9	39.0	58.4

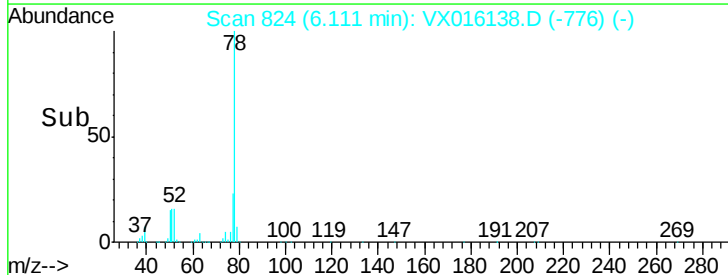
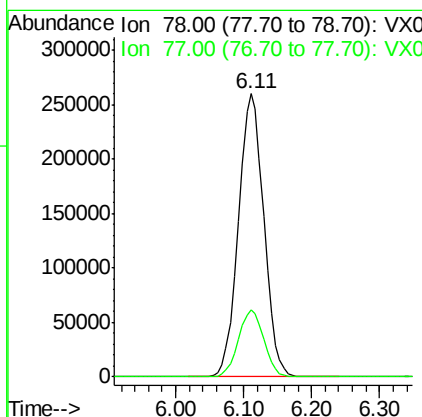
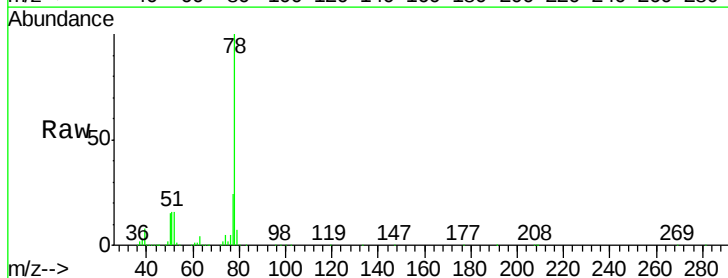
Manual Integrations
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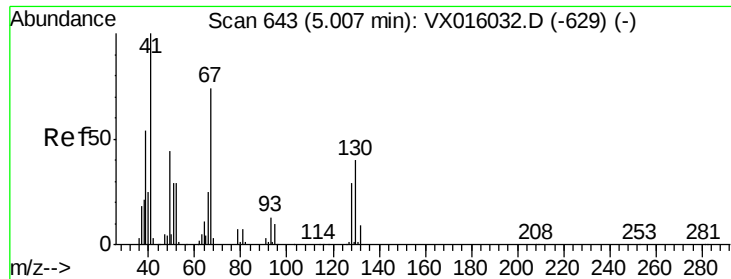
apatel
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#40
Benzene
Concen: 49.990 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016138.D
Acq: 11 May 2020 09:58

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.0	28.4





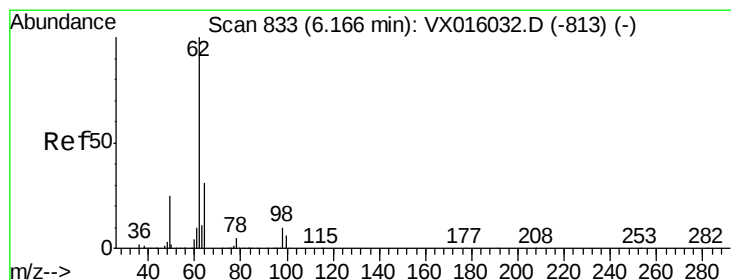
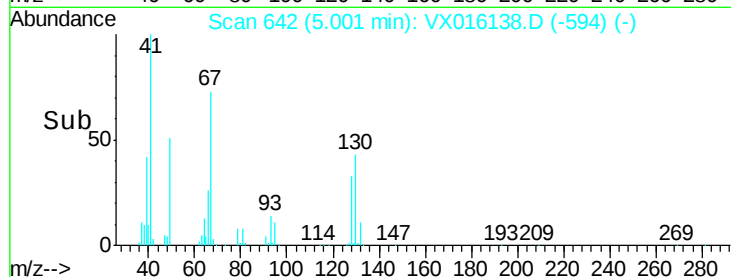
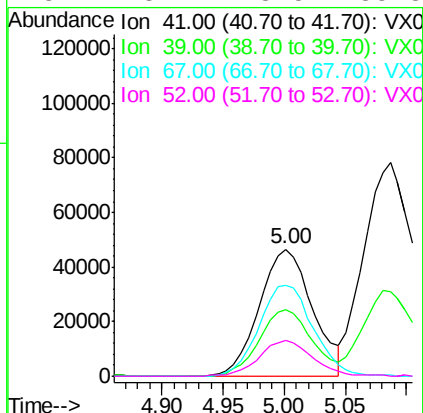
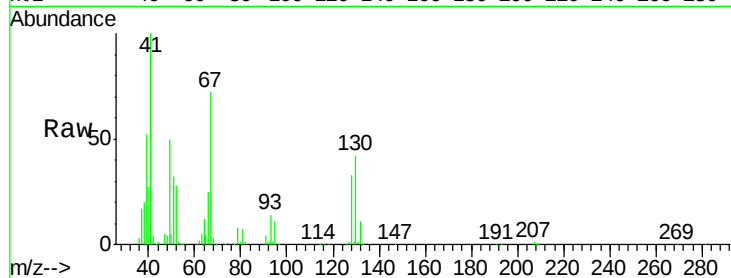
#41
Methacrylonitrile
Concen: 48.504 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX016138.D
Acq: 11 May 2020 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	52.2	43.2	64.8		
67	74.2	59.3	88.9		
52	28.1	23.5	35.3		

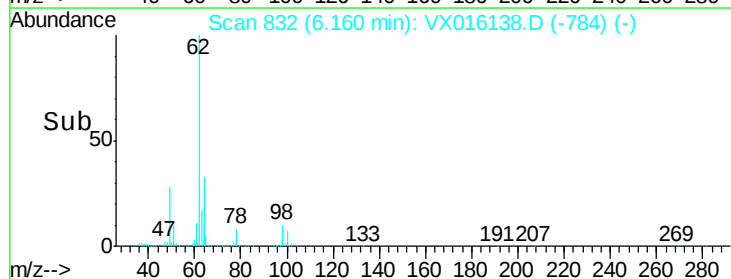
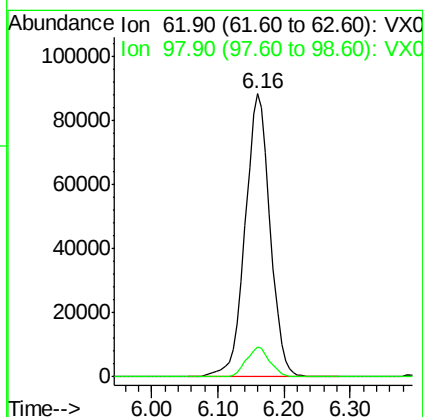
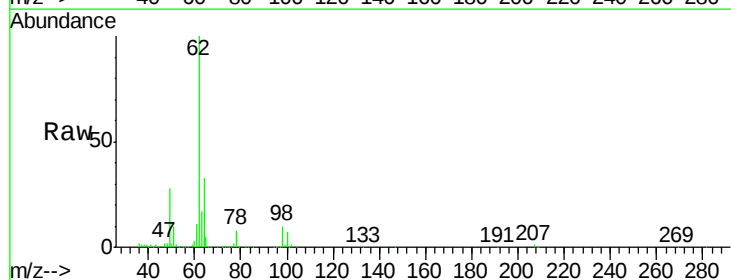
Manual Integrations
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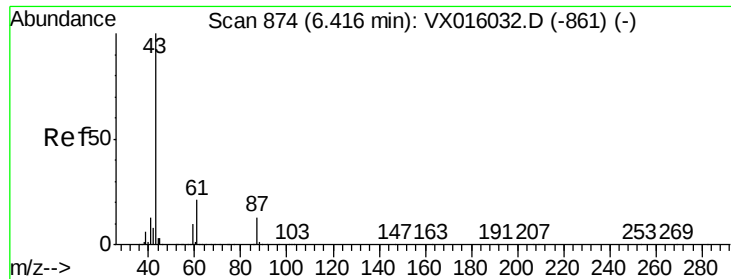
apatel
5/12/2020 2:07:02 PM



#42
1,2-Dichloroethane
Concen: 47.502 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016138.D
Acq: 11 May 2020 09:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	10.0	0.0	19.4		





#43

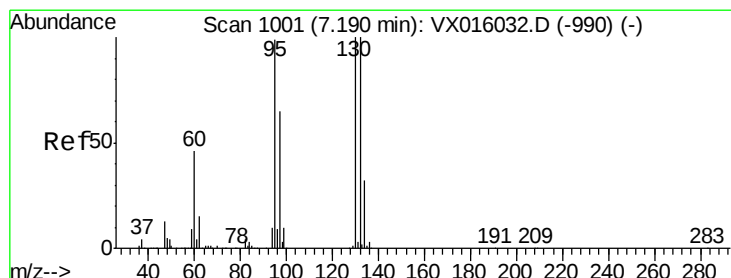
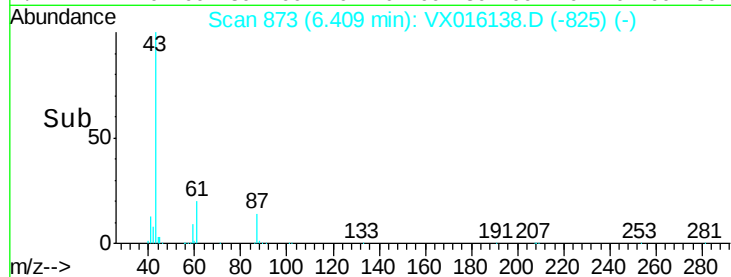
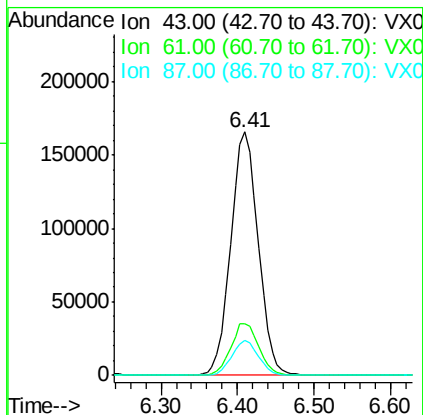
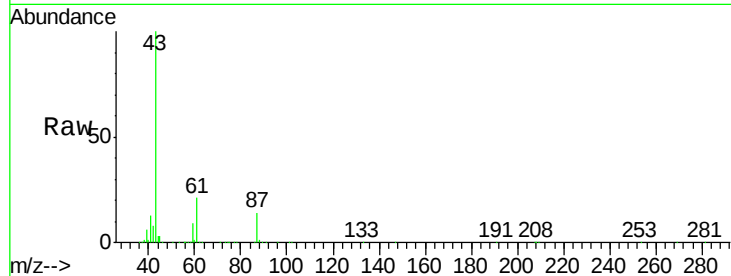
Isopropyl Acetate
 Concen: 48.211 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX016138.D
 Acq: 11 May 2020 09:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.8	17.0	25.4
87	14.1	11.0	16.6

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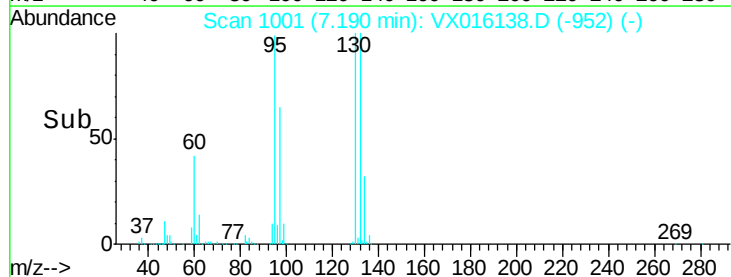
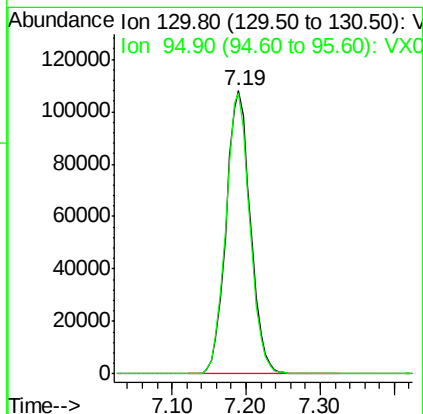
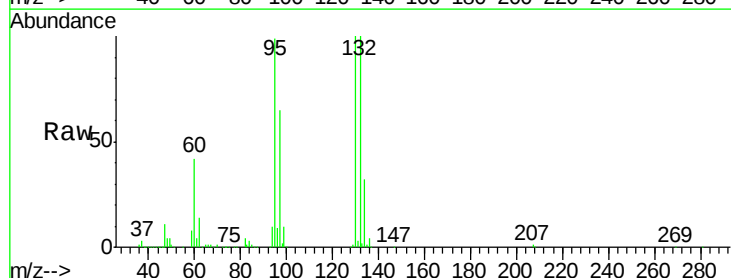
apatel
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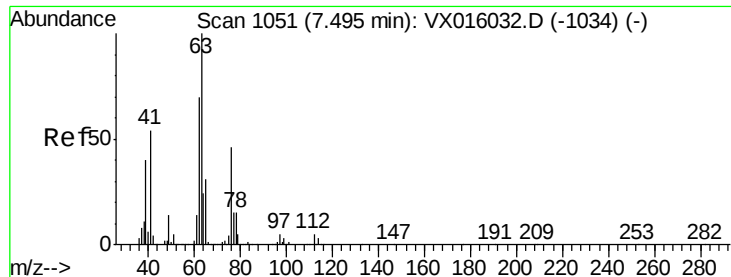


#44

Trichloroethene
 Concen: 51.445 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016138.D
 Acq: 11 May 2020 09:58

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.3	0.0	197.4





#45

1,2-Dichloropropane

Concen: 51.152 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX016138.D

Acq: 11 May 2020 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 174291

Ion Ratio Lower Upper

63 100

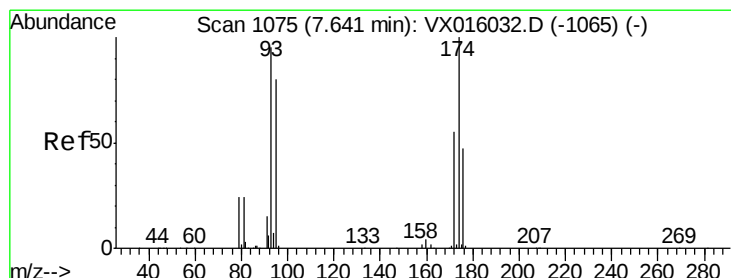
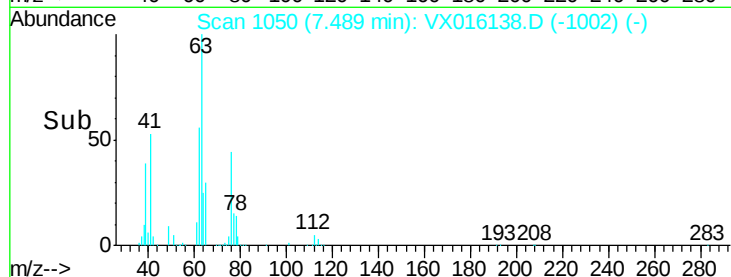
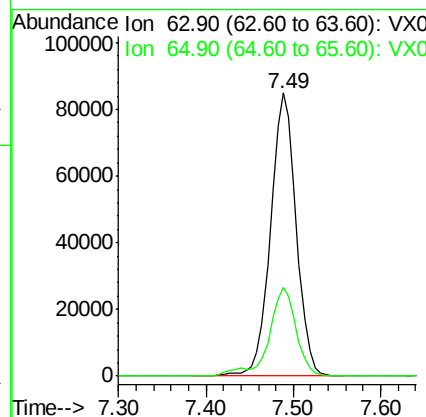
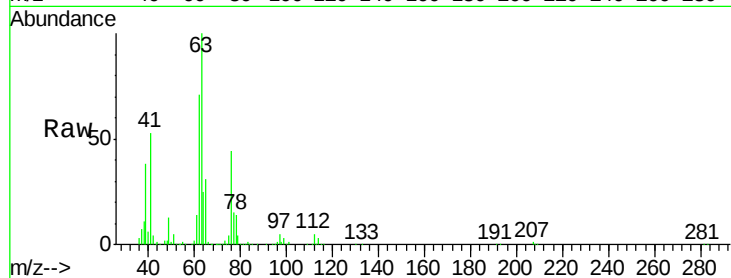
65 31.4 24.4 36.6

Manual Integrations

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#46

Dibromomethane

Concen: 49.044 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX016138.D

Acq: 11 May 2020 09:58

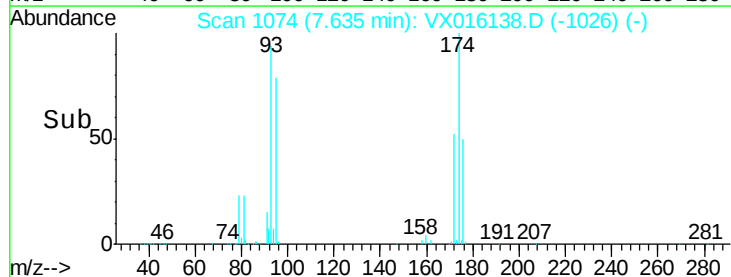
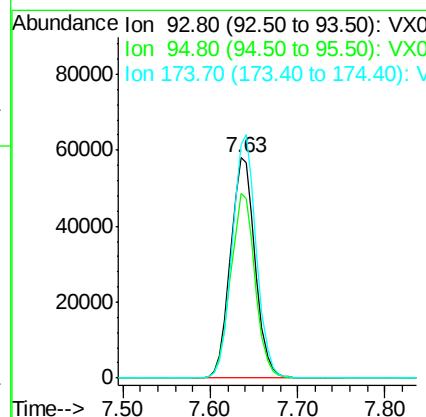
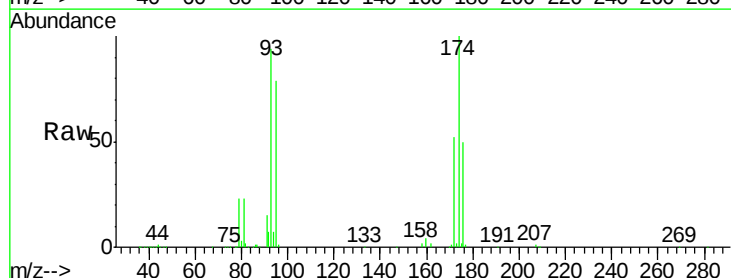
Tgt Ion: 93 Resp: 113562

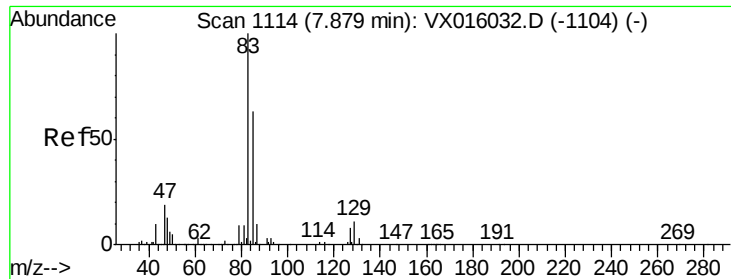
Ion Ratio Lower Upper

93 100

95 83.0 66.6 100.0

174 107.7 84.2 126.4





#47

Bromodichloromethane

Concen: 50.992 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016138.D

Acq: 11 May 2020 09:58

Instrument :

MSVOA_X

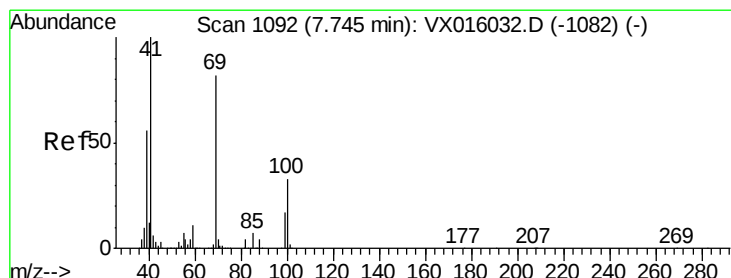
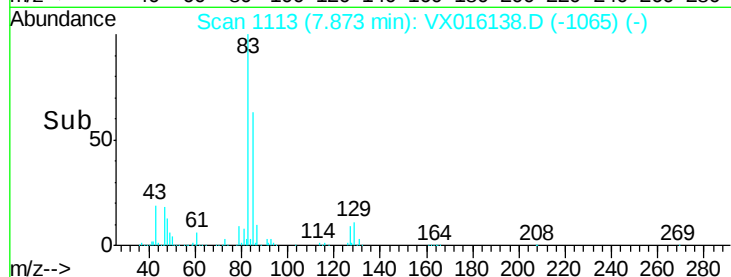
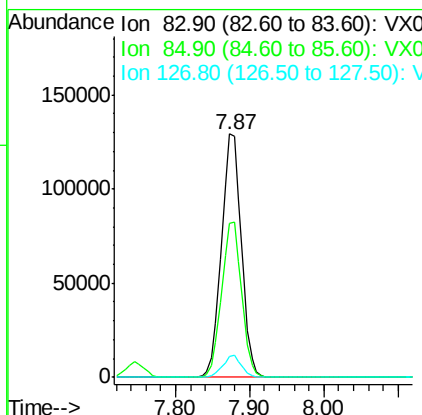
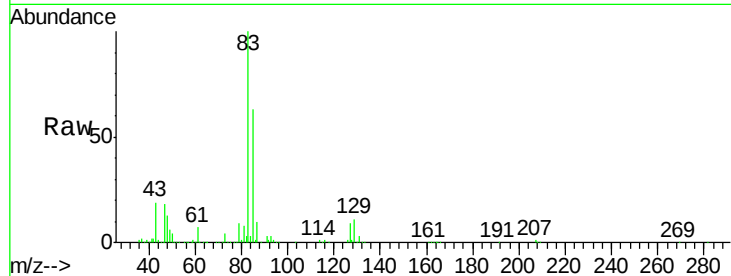
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	240473
Ion Ratio	Lower	Upper	
83	100		
85	63.3	50.5	75.7
127	8.5	6.7	10.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 48.186 ug/l

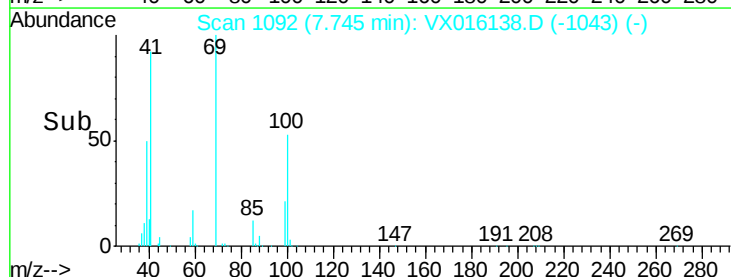
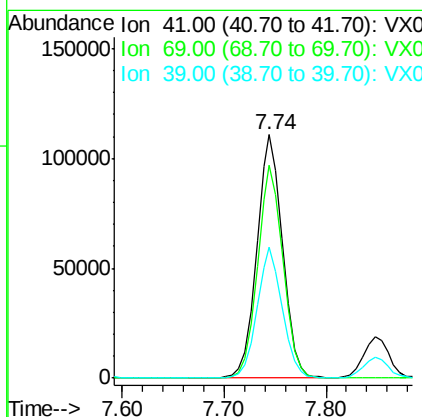
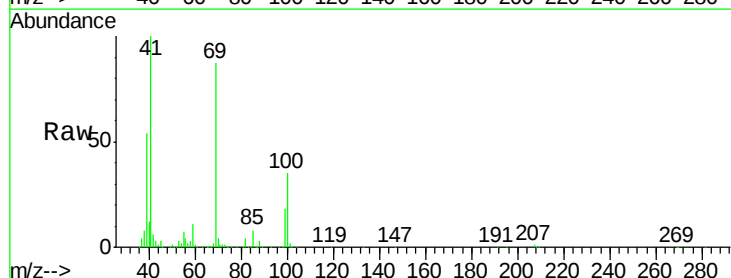
RT: 7.74 min Scan# 1092

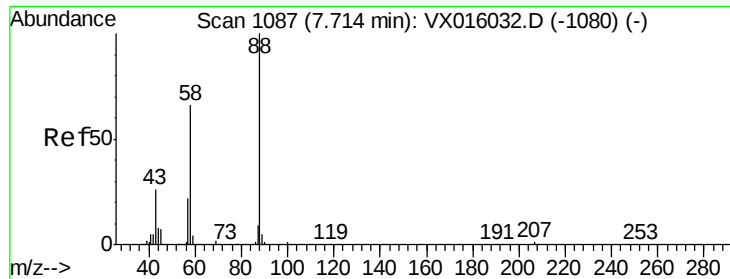
Delta R.T. -0.00 min

Lab File: VX016138.D

Acq: 11 May 2020 09:58

Tgt Ion:	41	Resp:	194325
Ion Ratio	Lower	Upper	
41	100		
69	86.7	67.8	101.6
39	52.6	44.6	67.0





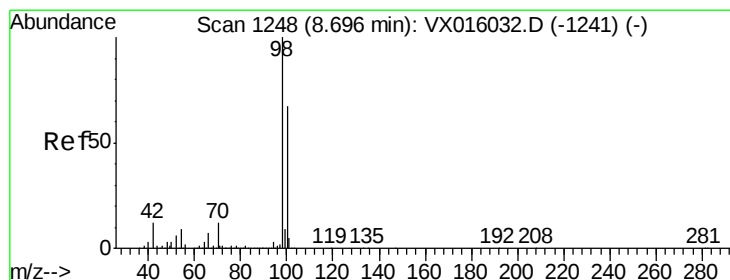
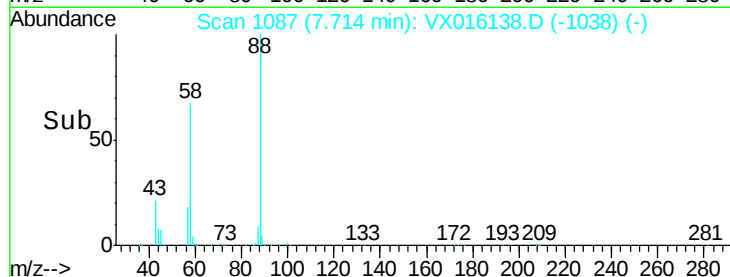
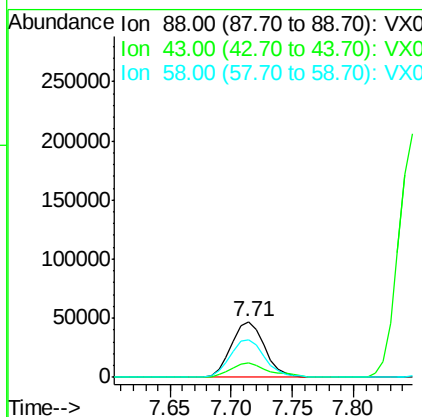
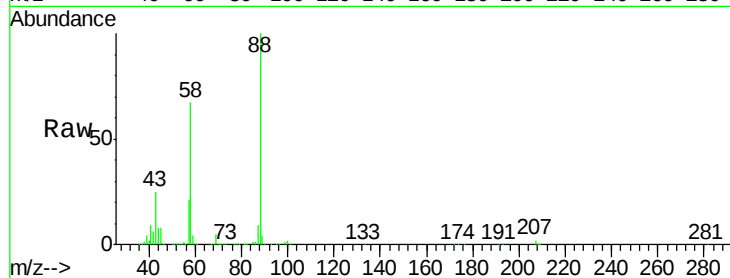
#49
 1,4-Dioxane
 Concen: 917.587 ug/l
 RT: 7.71 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX016138.D
 Acq: 11 May 2020 09:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.2	25.3	37.9
58	71.1	55.9	83.9

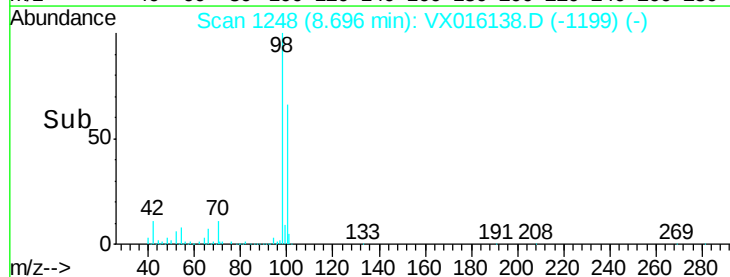
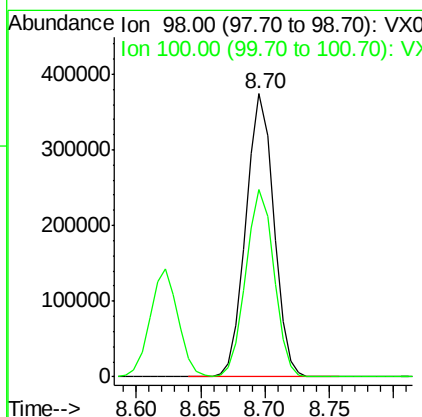
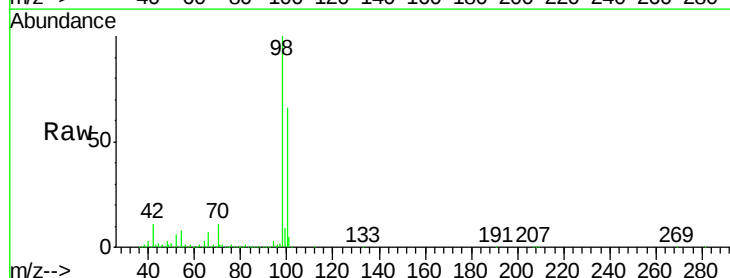
Manual Integrations
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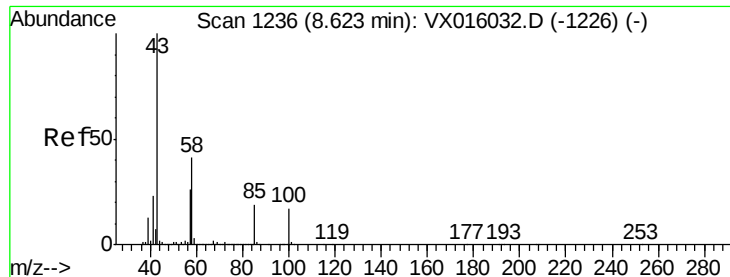
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#50
 Toluene-d8
 Concen: 48.995 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX016138.D
 Acq: 11 May 2020 09:58

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.7	80.5





#51

4-Methyl-2-Pentanone

Concen: 242.594 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016138.D

Acq: 11 May 2020 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1263451

Ion Ratio Lower Upper

43 100

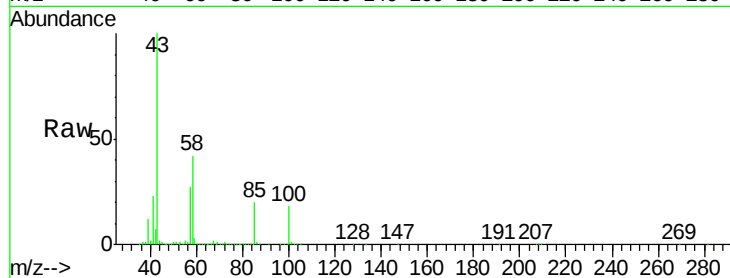
58 41.8 33.0 49.4

Manual Integrations

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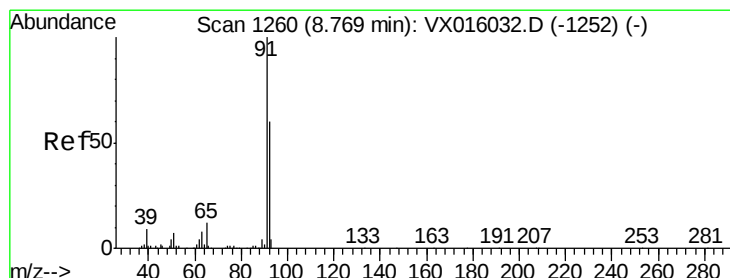
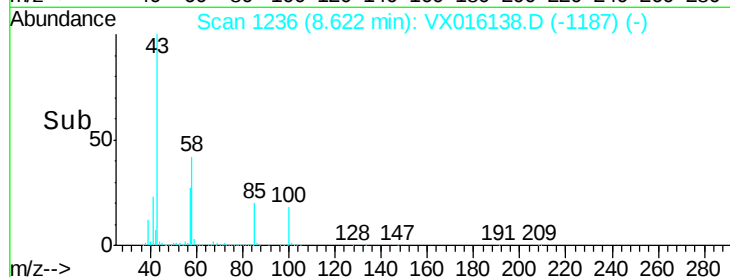
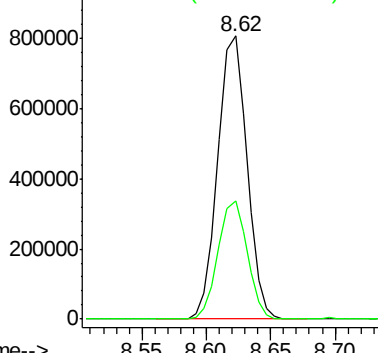
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 50.955 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016138.D

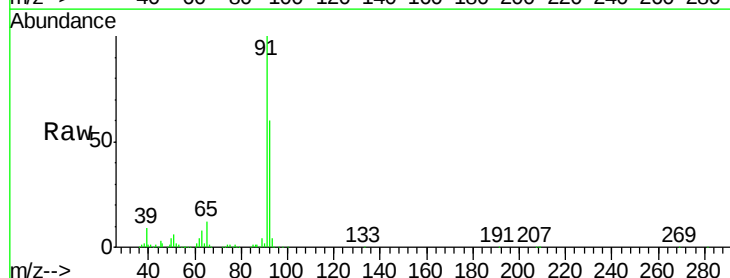
Acq: 11 May 2020 09:58

Tgt Ion: 92 Resp: 427688

Ion Ratio Lower Upper

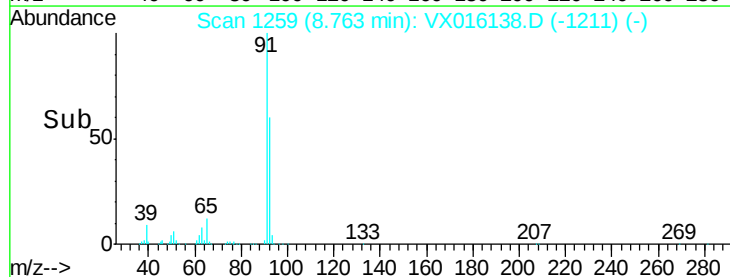
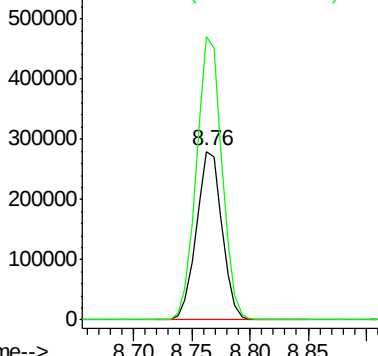
92 100

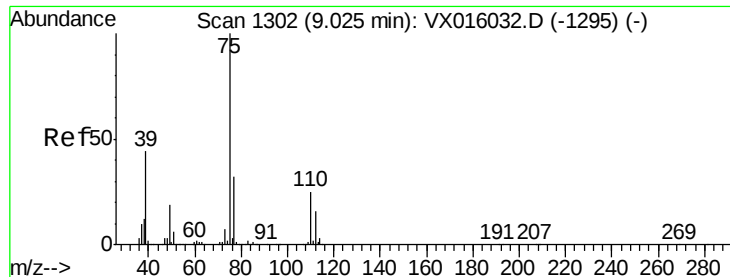
91 167.5 134.5 201.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 50.341 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016138.D

Acq: 11 May 2020 09:58

Tot Ion: 75 Resp: 283057

Ion Ratio Lower Upper

75 100

77 31.3 25.7 38.5

Instrument :

MSVOA_X

ClientSampleId :

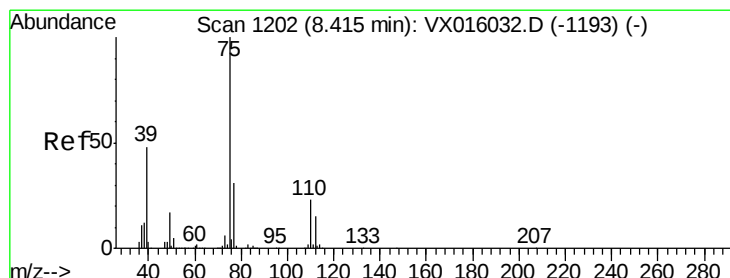
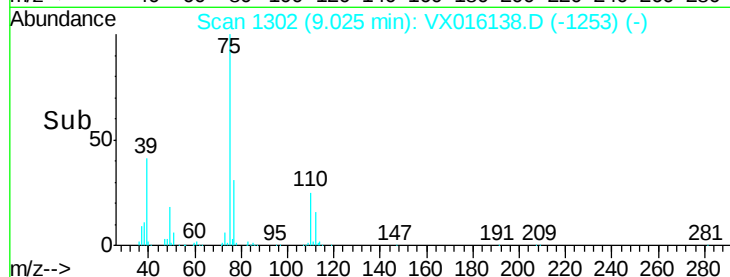
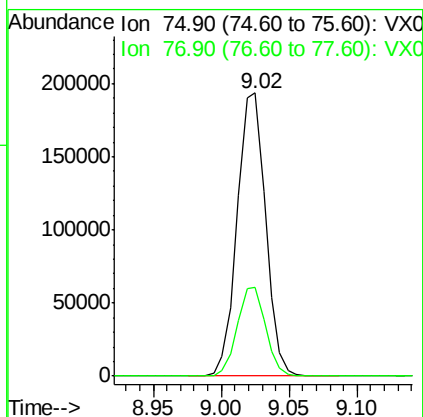
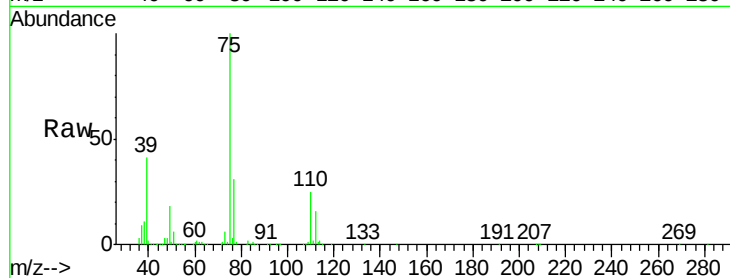
VSTDCCC050

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#54

cis-1,3-Dichloropropene

Concen: 50.513 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016138.D

Acq: 11 May 2020 09:58

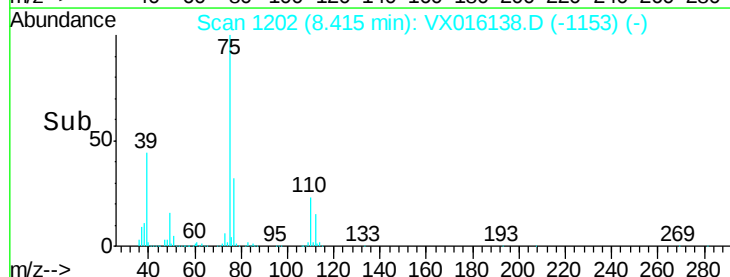
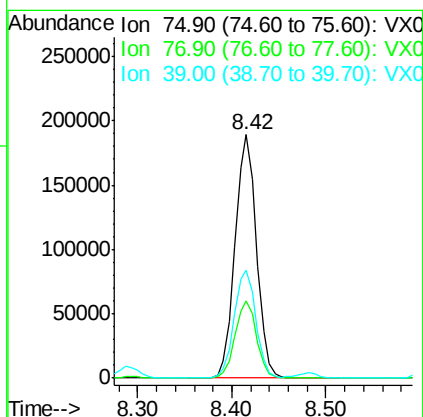
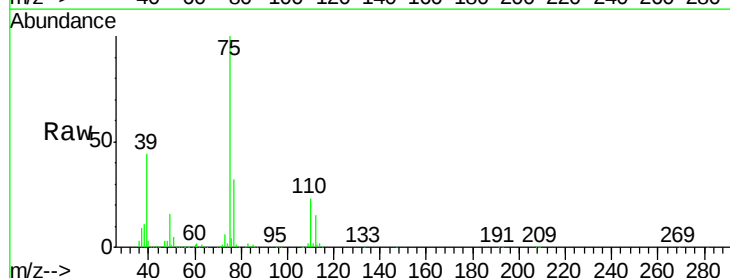
Tgt Ion: 75 Resp: 296667

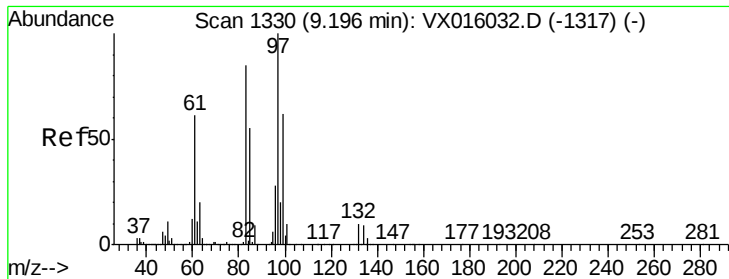
Ion Ratio Lower Upper

75 100

77 31.8 24.7 37.1

39 44.2 38.7 58.1





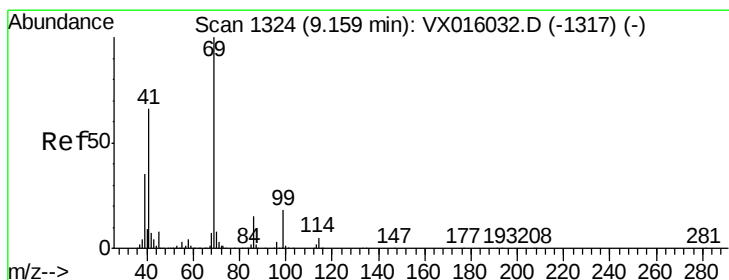
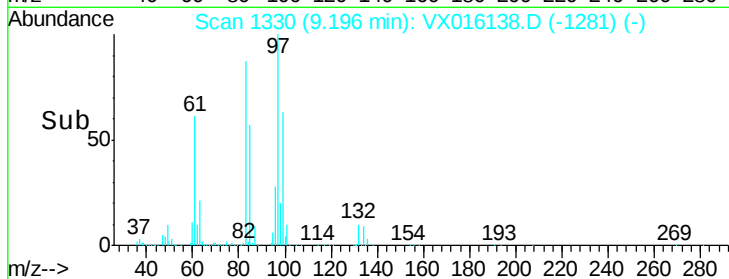
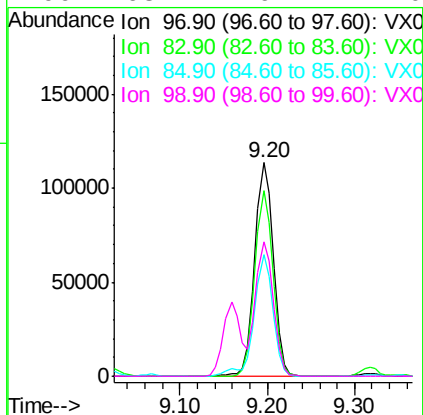
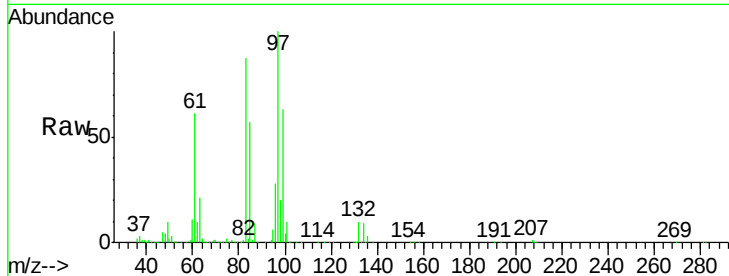
#55
 1,1,2-Trichloroethane
 Concen: 50.792 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016138.D
 Acq: 11 May 2020 09:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	167732
Ion	Ratio	Lower	Upper
97	100		
83	87.1	67.8	101.8
85	57.0	43.8	65.8
99	63.1	49.4	74.0

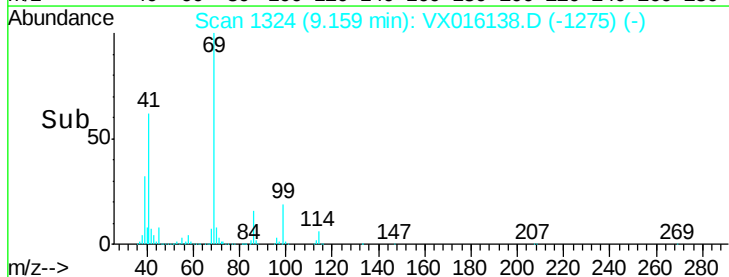
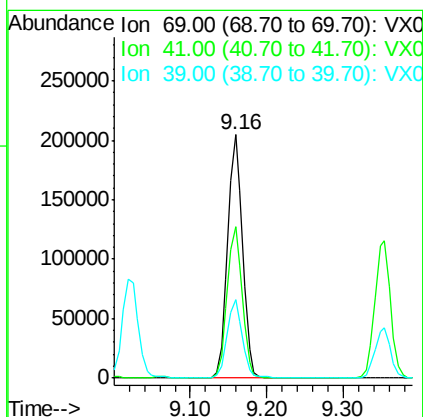
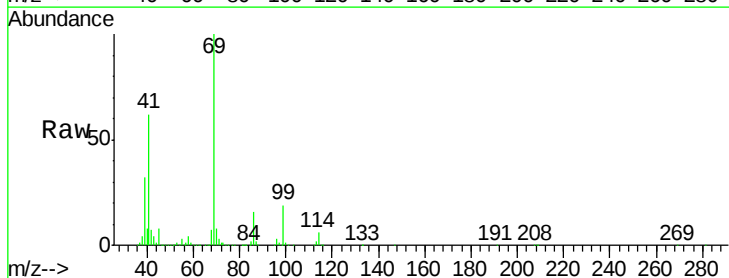
Manual Integrations
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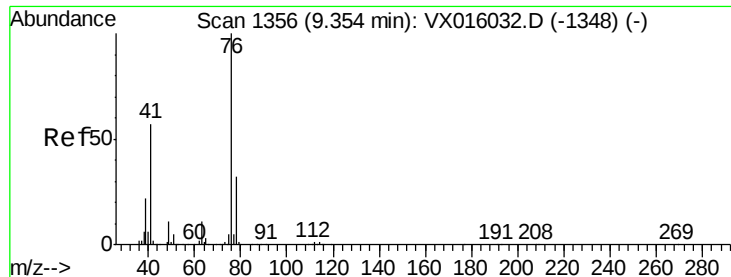
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#56
 Ethyl methacrylate
 Concen: 51.191 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016138.D
 Acq: 11 May 2020 09:58

Tgt Ion:	69	Resp:	275940
Ion	Ratio	Lower	Upper
69	100		
41	62.9	52.2	78.4
39	32.8	28.2	42.4





#57

1,3-Dichloropropane

Concen: 50.500 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016138.D

Acq: 11 May 2020 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 290992

Ion Ratio Lower Upper

76 100

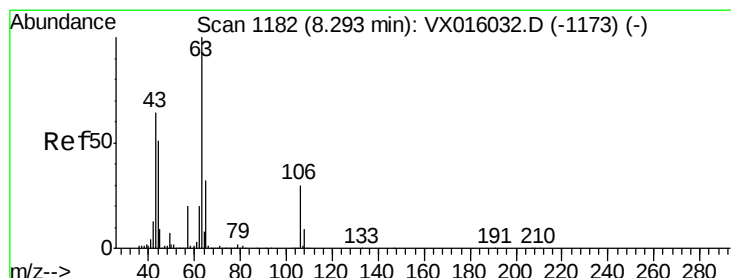
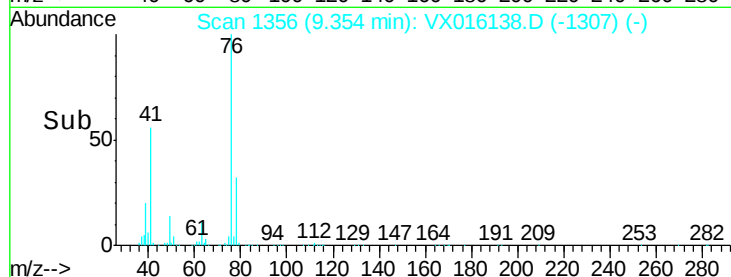
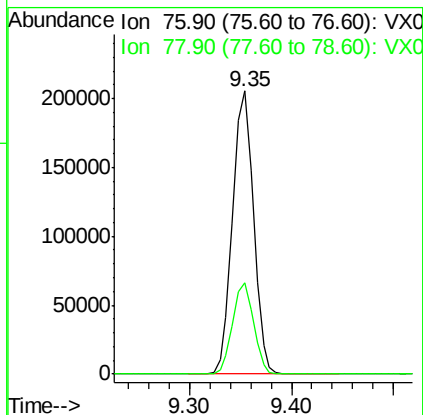
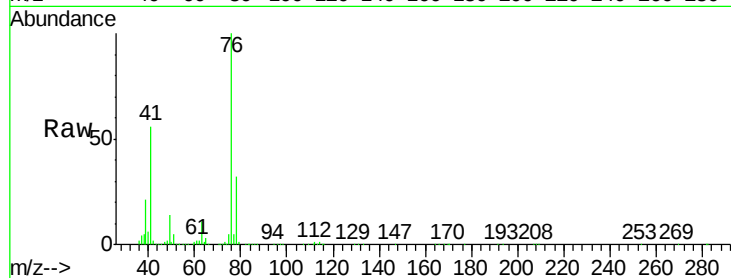
78 32.1 25.9 38.9

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 258.936 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016138.D

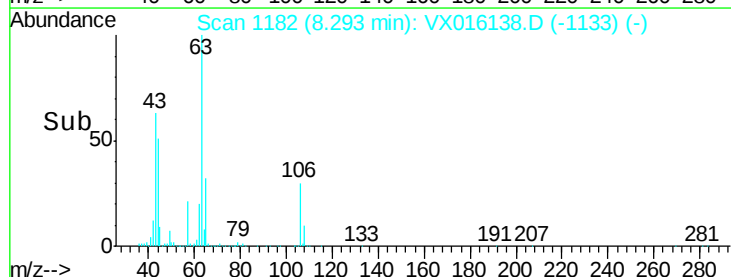
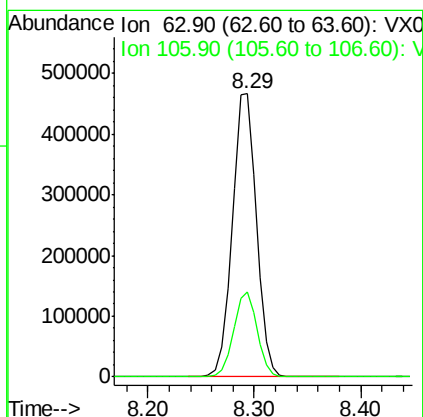
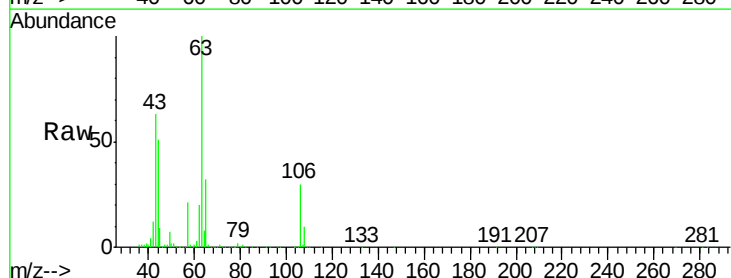
Acq: 11 May 2020 09:58

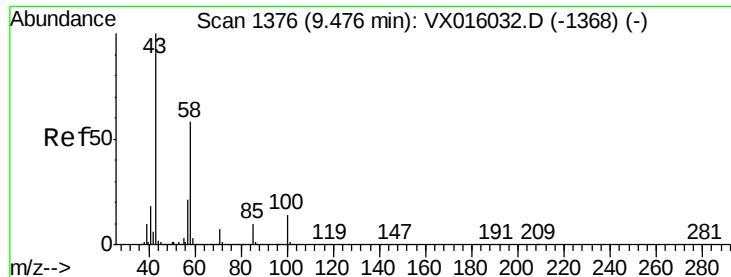
Tgt Ion: 63 Resp: 743074

Ion Ratio Lower Upper

63 100

106 29.3 23.4 35.2





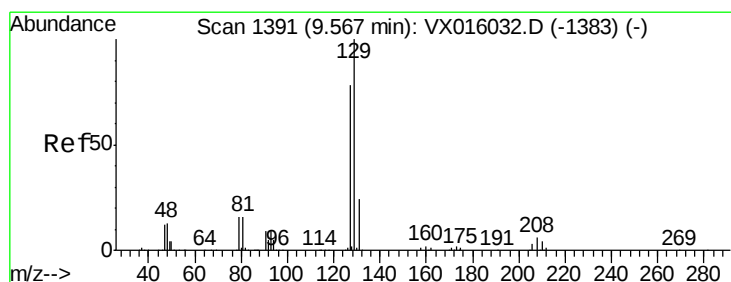
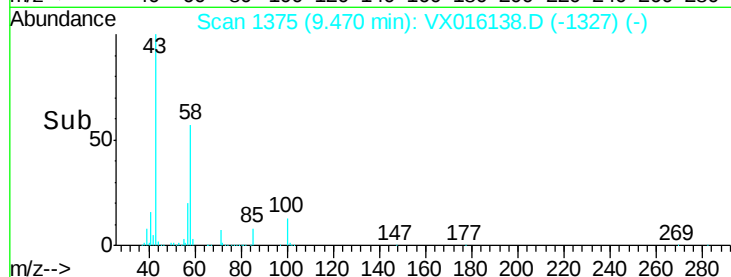
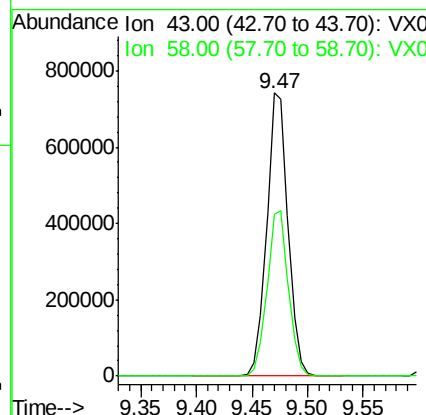
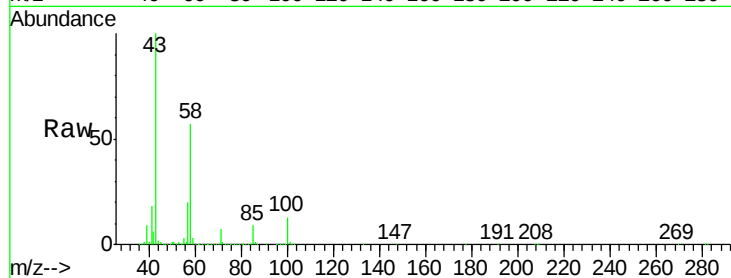
#59
2-Hexanone
Concen: 243.640 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016138.D
Acq: 11 May 2020 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 996497
Ion Ratio Lower Upper
43 100
58 58.7 28.6 85.9

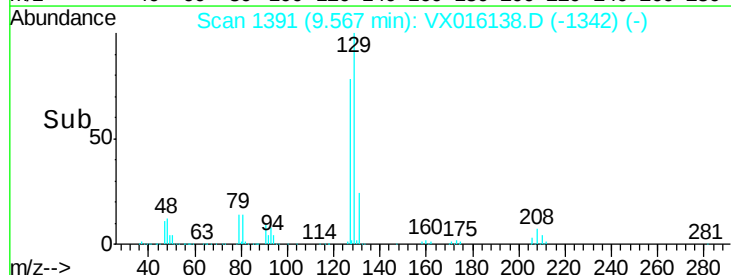
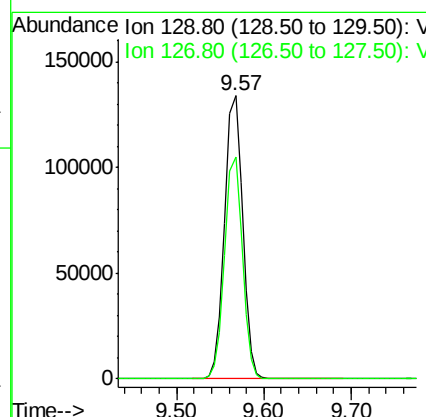
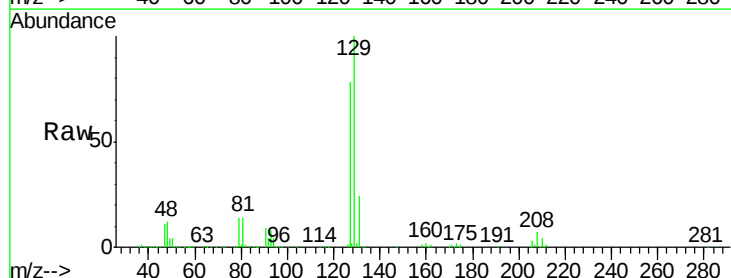
Manual Integrations
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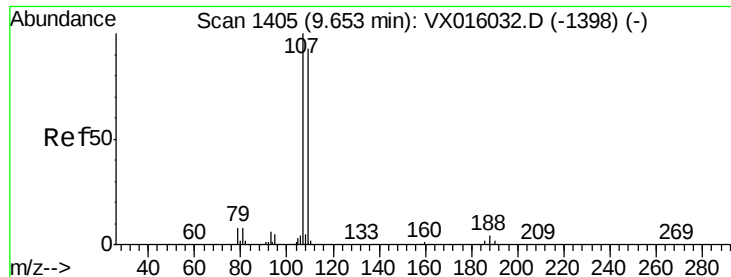
apatel
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#60
Dibromochloromethane
Concen: 52.810 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016138.D
Acq: 11 May 2020 09:58

Tgt Ion: 129 Resp: 192072
Ion Ratio Lower Upper
129 100
127 77.2 38.4 115.2





#61

1,2-Dibromoethane

Concen: 49.908 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016138.D

Acq: 11 May 2020 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 178521

Ion Ratio Lower Upper

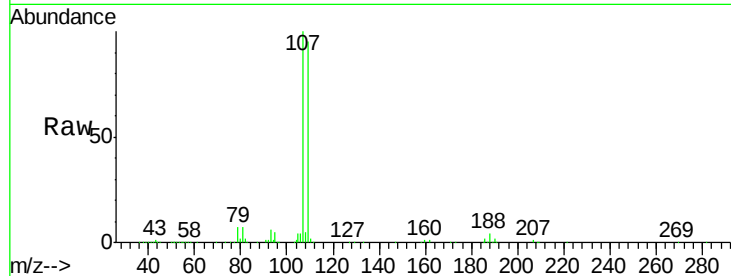
107 100

109 95.7 74.9 112.3

Manual Integrations
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

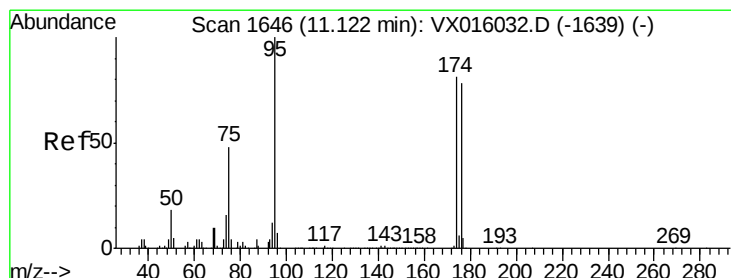
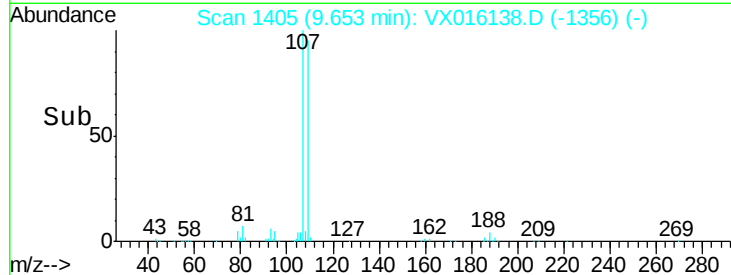
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.737 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016138.D

Acq: 11 May 2020 09:58

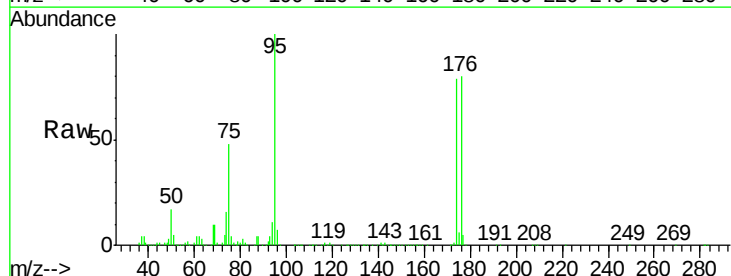
Tgt Ion: 95 Resp: 215905

Ion Ratio Lower Upper

95 100

174 80.6 0.0 159.4

176 79.5 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

200000

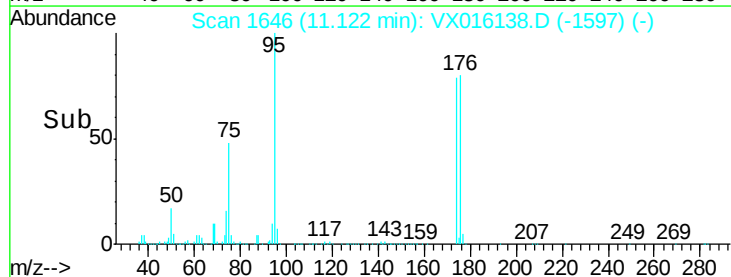
150000

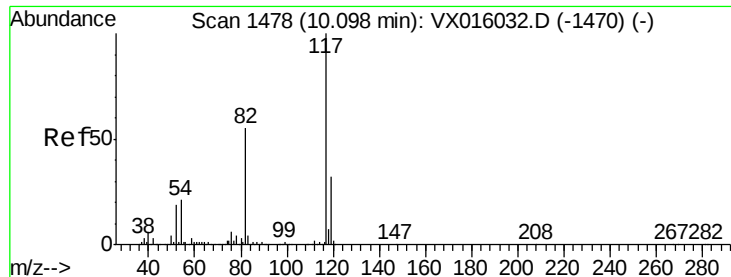
100000

50000

0

Time-->





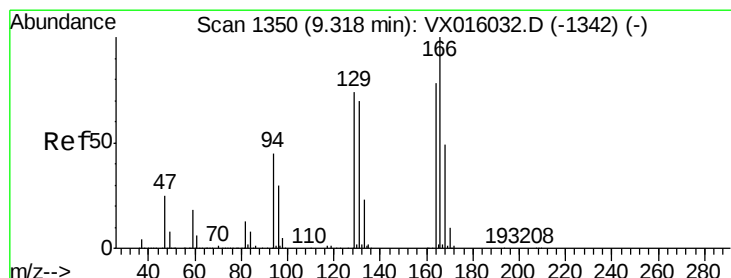
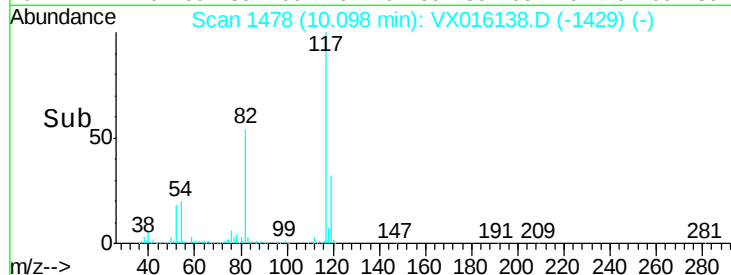
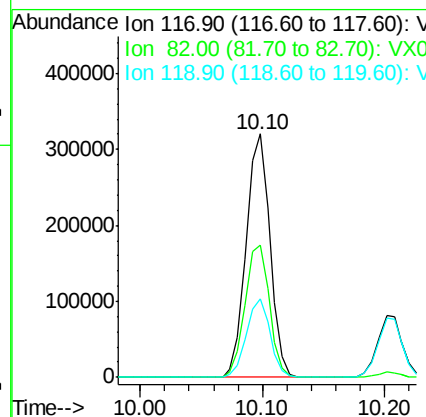
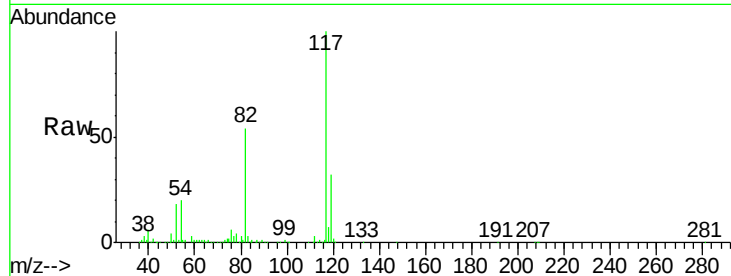
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016138.D
Acq: 11 May 2020 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	431936		
82	54.4		44.4	66.6
119	32.3		25.5	38.3

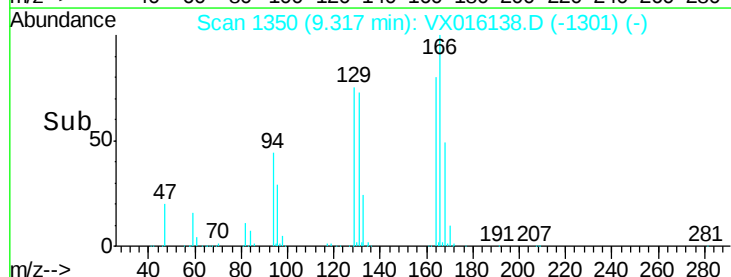
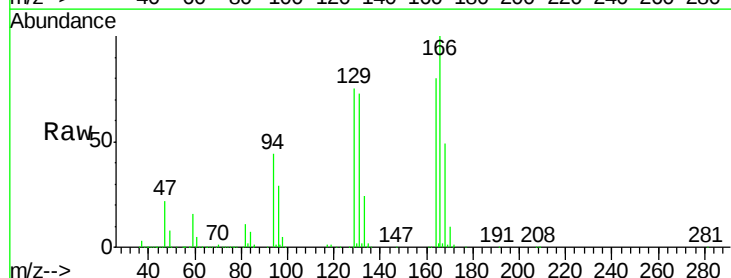
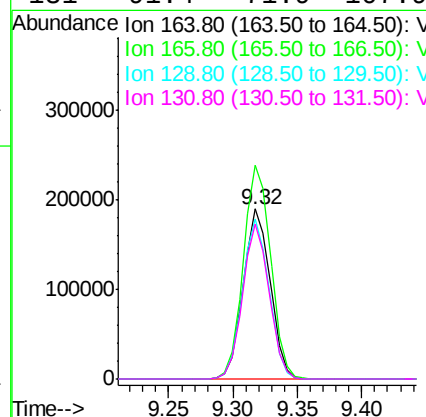
Manual Integrations
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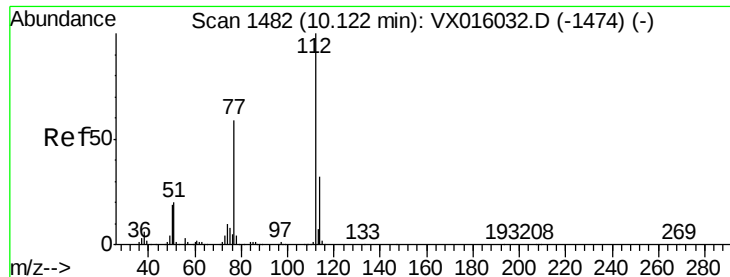
apatel
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#64
Tetrachloroethene
Concen: 51.811 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016138.D
Acq: 11 May 2020 09:58

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	274730		
166	125.8		102.9	154.3
129	94.4		76.1	114.1
131	91.4		71.9	107.9





#65

Chlorobenzene

Concen: 50.688 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016138.D

Acq: 11 May 2020 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 458436

Ion Ratio Lower Upper

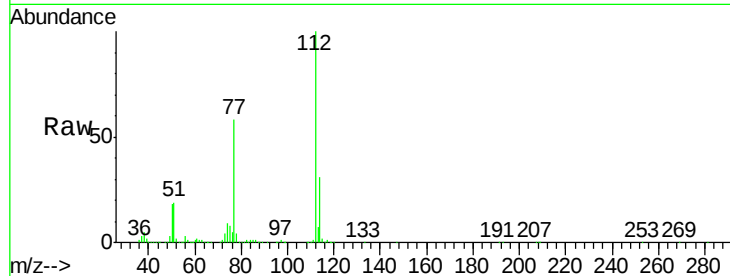
112 100

114 31.0 25.7 38.5

Manual Integrations
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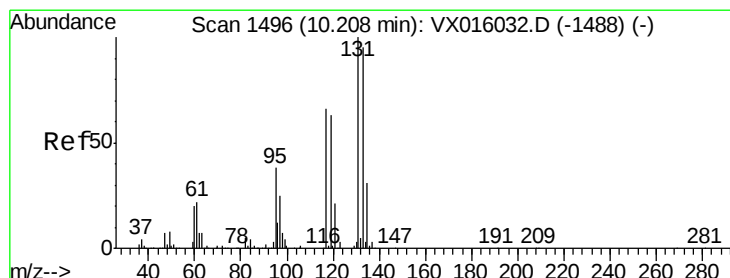
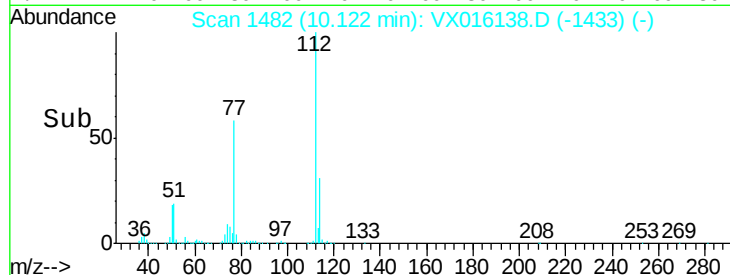
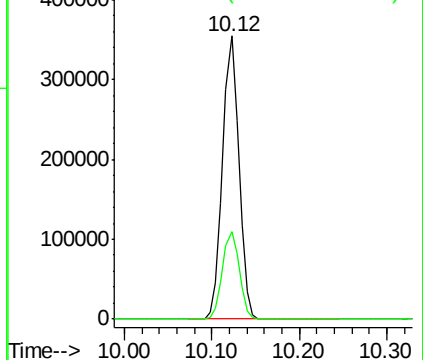
apatel

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 51.075 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016138.D

Acq: 11 May 2020 09:58

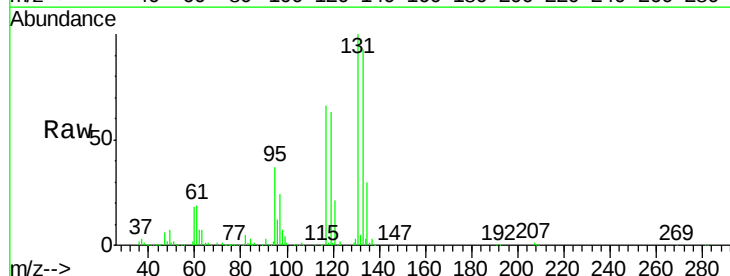
Tgt Ion:131 Resp: 170735

Ion Ratio Lower Upper

131 100

133 95.7 48.3 144.8

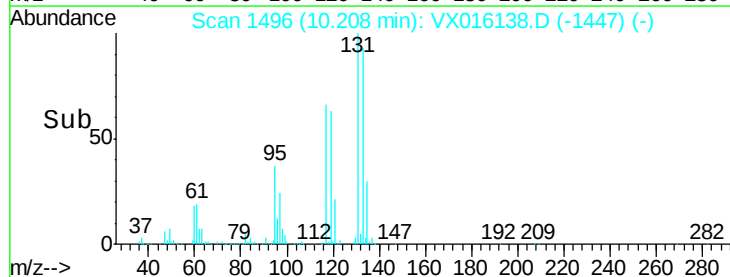
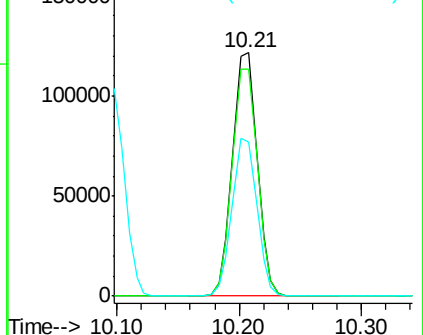
119 64.8 32.3 96.9

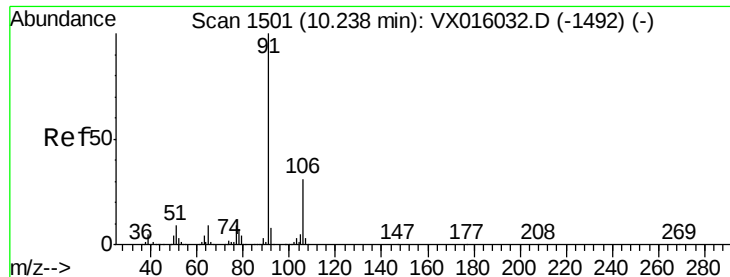


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 50.884 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX016138.D

Acq: 11 May 2020 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 821121

Ion Ratio Lower Upper

91 100

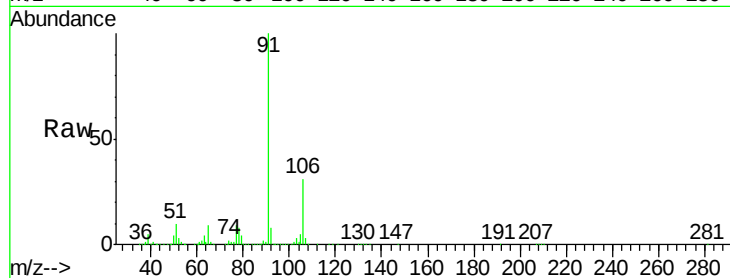
106 31.2 25.1 37.7

Manual Integrations

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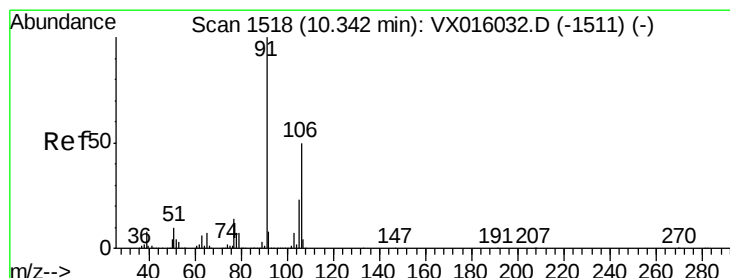
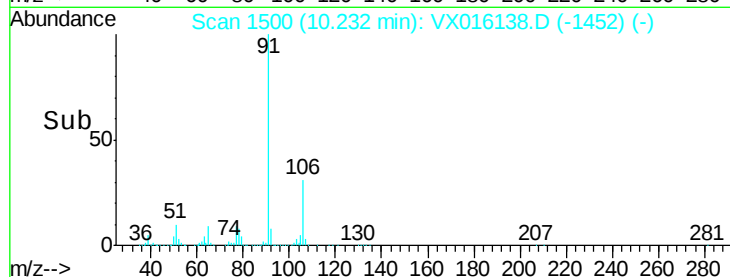
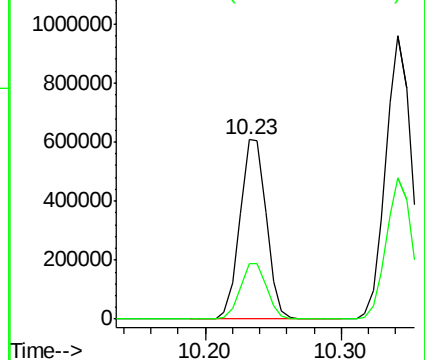
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 104.668 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016138.D

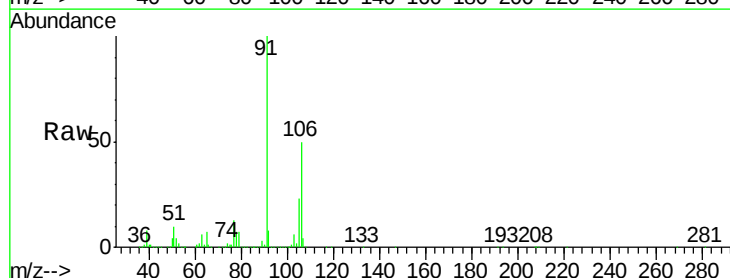
Acq: 11 May 2020 09:58

Tgt Ion: 106 Resp: 632826

Ion Ratio Lower Upper

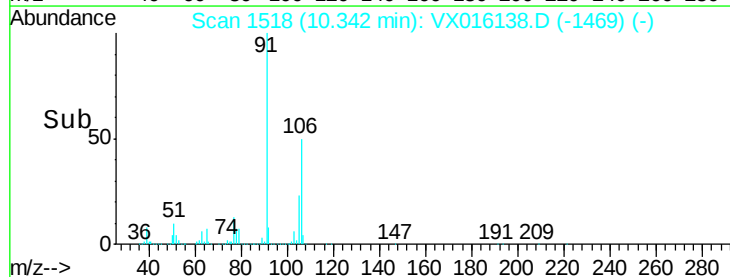
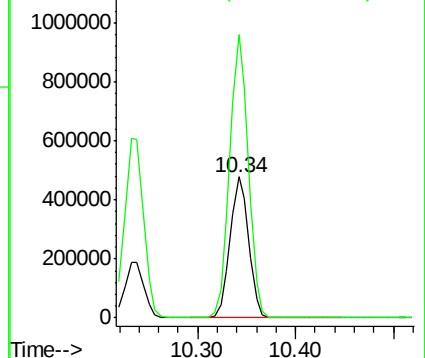
106 100

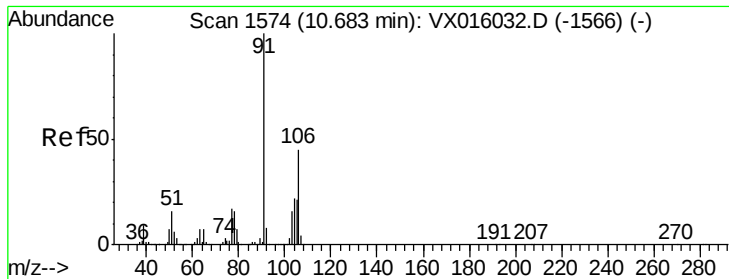
91 200.4 161.7 242.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





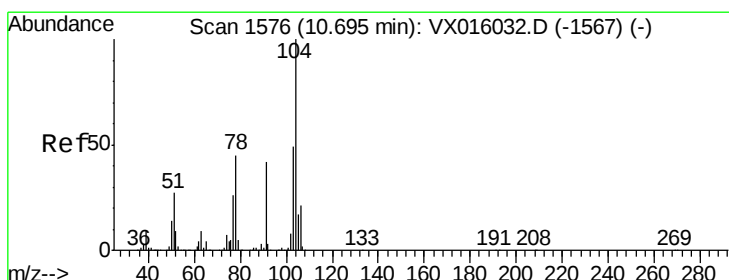
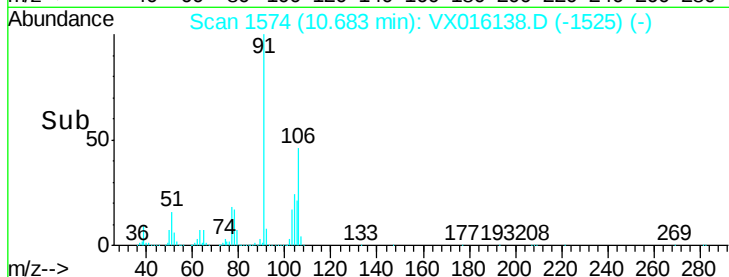
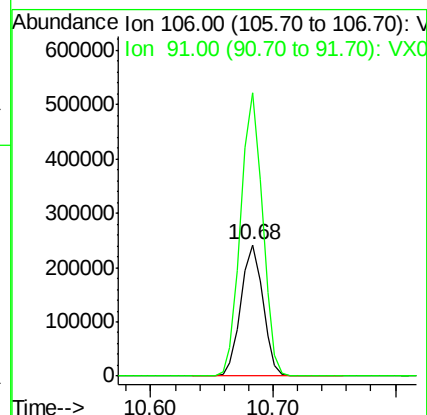
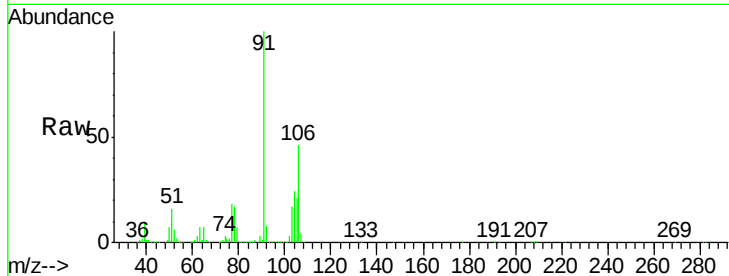
#69
o-Xylene
Concen: 51.964 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016138.D
Acq: 11 May 2020 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		301999		
91	213.5	107.5	322.6		

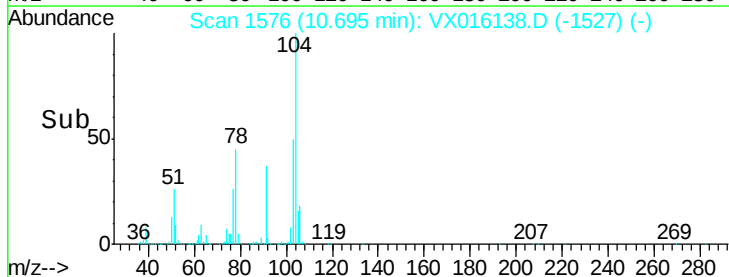
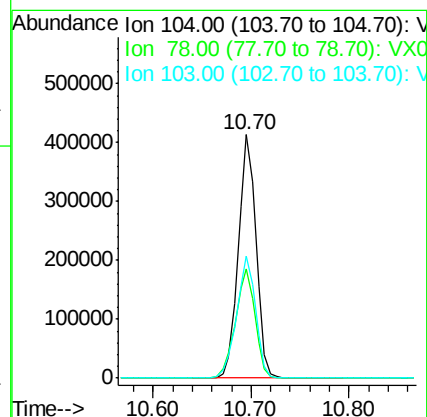
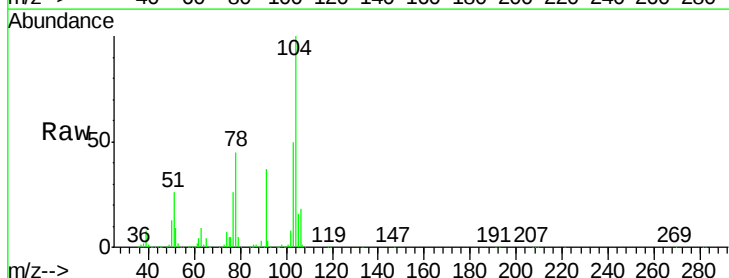
Manual Integrations
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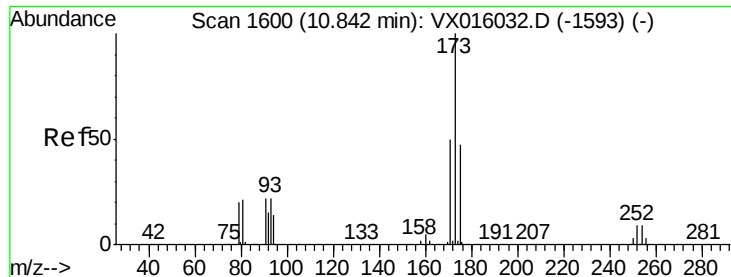
apatel
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#70
Styrene
Concen: 52.609 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016138.D
Acq: 11 May 2020 09:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		518696		
78	49.9	40.2	60.2		
103	53.9	43.0	64.6		





#71

Bromoform

Concen: 53.855 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016138.D

Acq: 11 May 2020 09:58

Instrument :

MSVOA_X

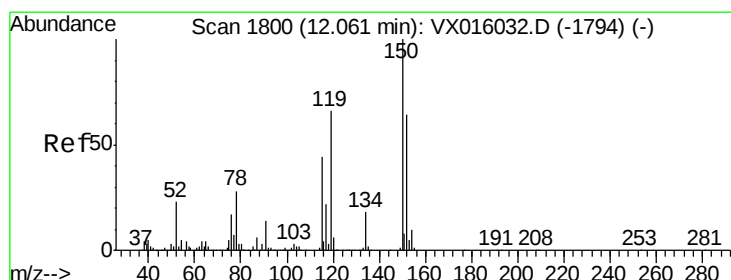
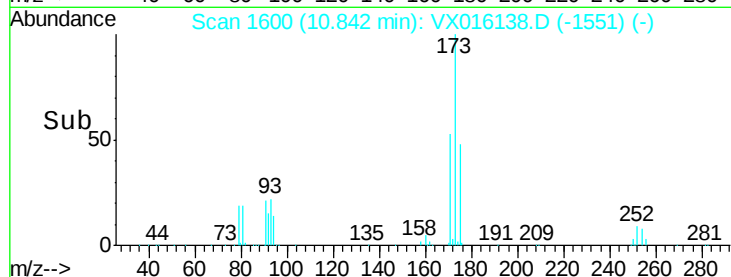
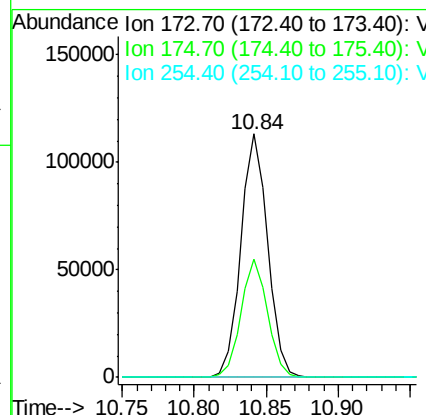
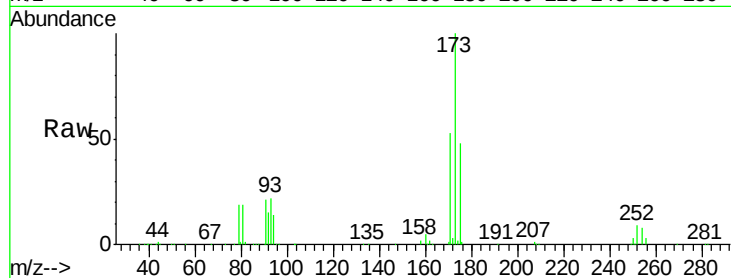
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.9	24.0	72.0
254	0.0	0.1	0.1

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

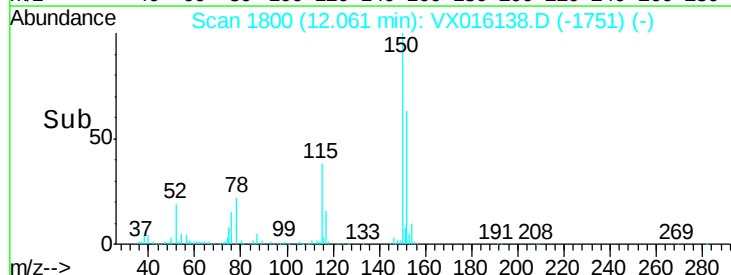
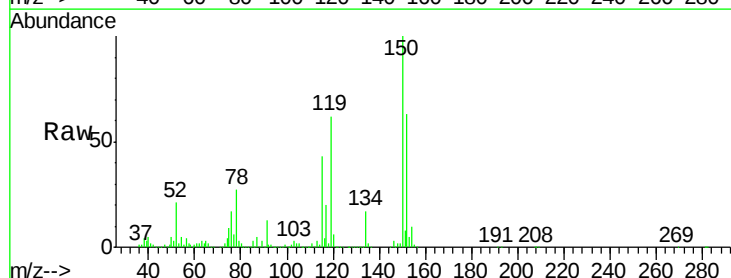
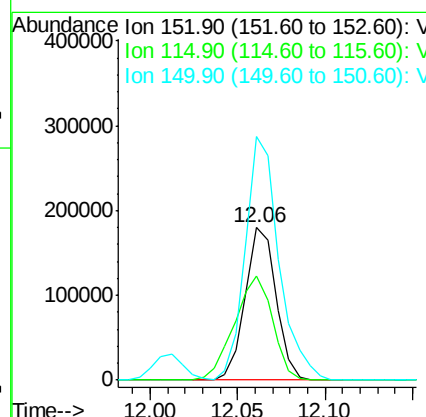
RT: 12.06 min Scan# 1800

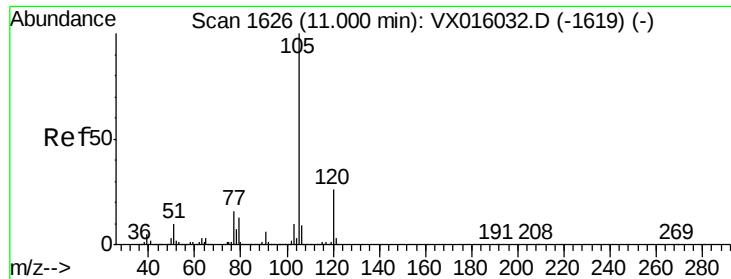
Delta R.T. -0.00 min

Lab File: VX016138.D

Acq: 11 May 2020 09:58

Tgt Ion	Ratio	Lower	Upper
152	100		
115	84.3	41.3	124.1
150	174.2	0.0	352.2





#73

Isopropylbenzene

Concen: 50.556 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016138.D

Acq: 11 May 2020 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 812607

Ion Ratio Lower Upper

105 100

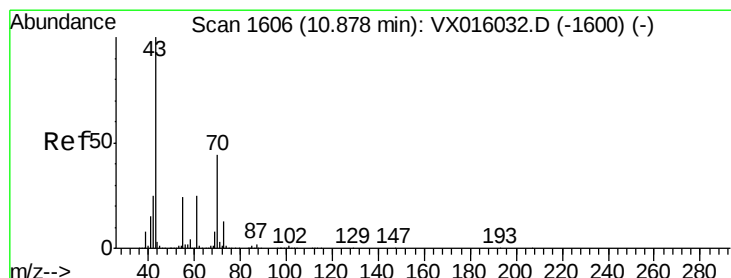
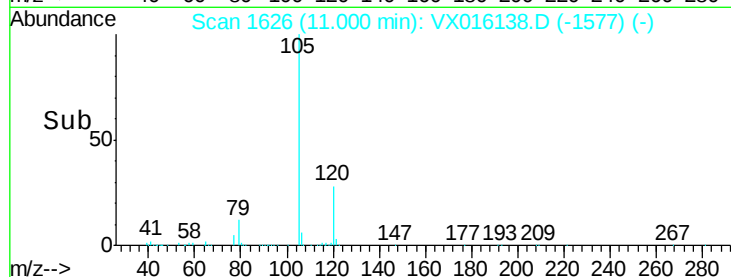
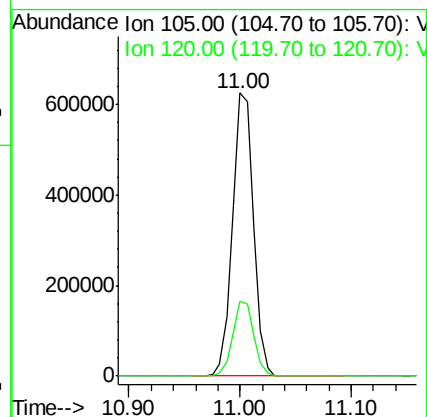
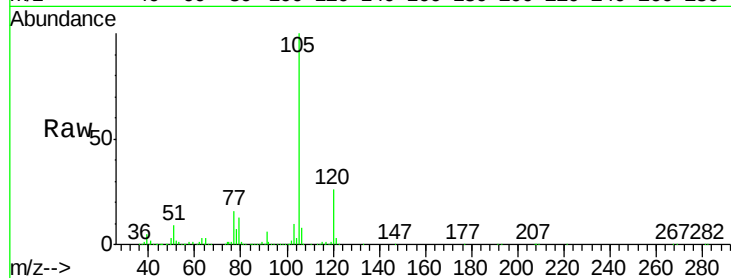
120 26.4 13.4 40.2

Manual Integrations

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#74

N-ethyl acetate

Concen: 47.696 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016138.D

Acq: 11 May 2020 09:58

Tgt Ion: 43 Resp: 357590

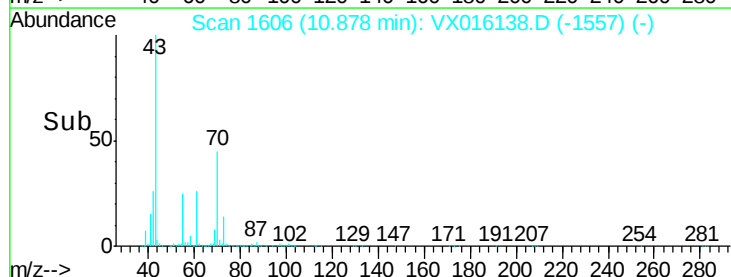
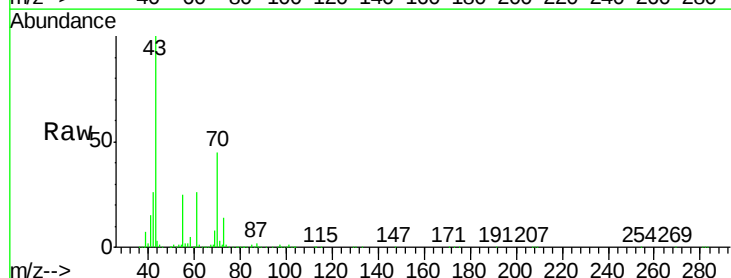
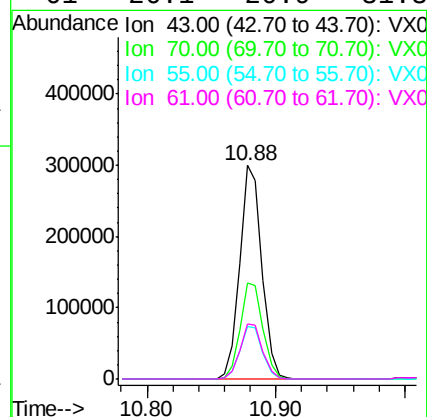
Ion Ratio Lower Upper

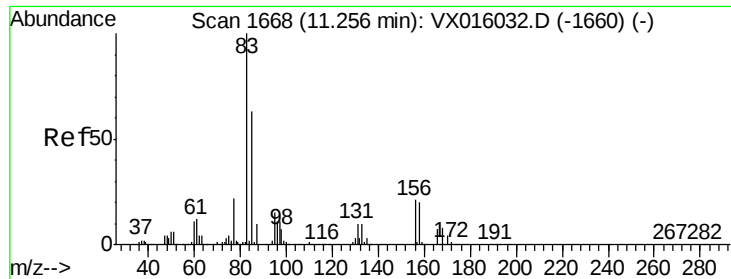
43 100

70 46.0 36.5 54.7

55 25.4 19.7 29.5

61 26.1 20.9 31.3





#75

1,1,2,2-Tetrachloroethane

Concen: 41.241 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016138.D

Acq: 11 May 2020 09:58

Instrument :

MSVOA_X

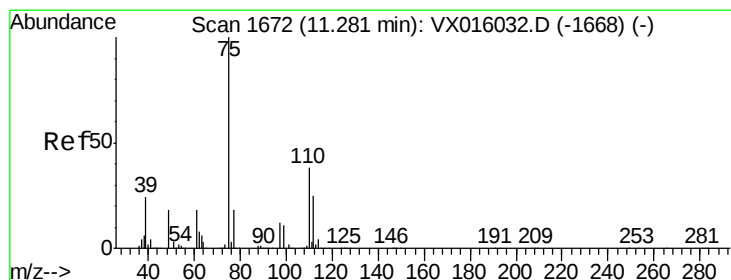
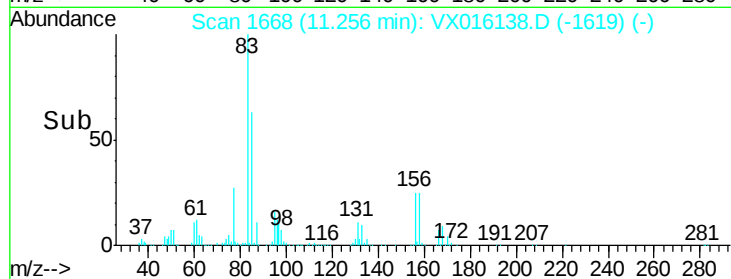
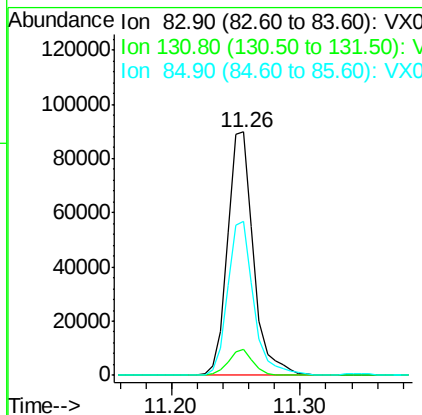
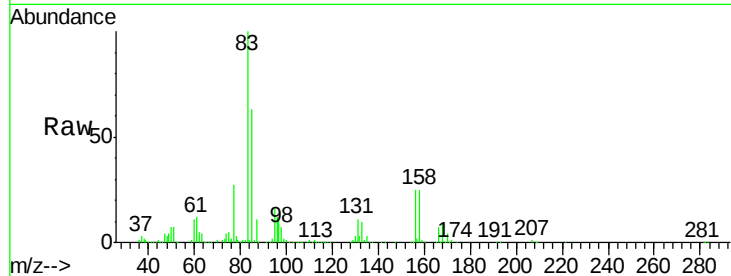
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	126814
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.1	15.4
85	63.7	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 48.646 ug/l m

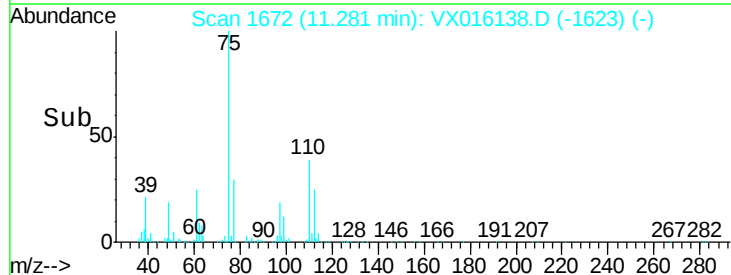
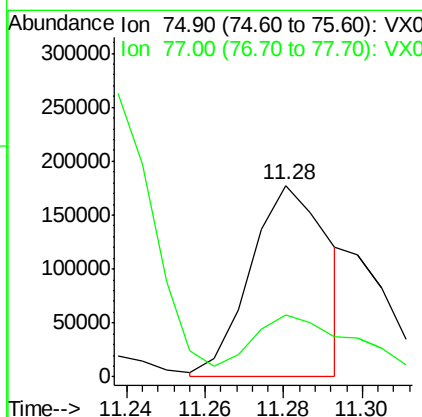
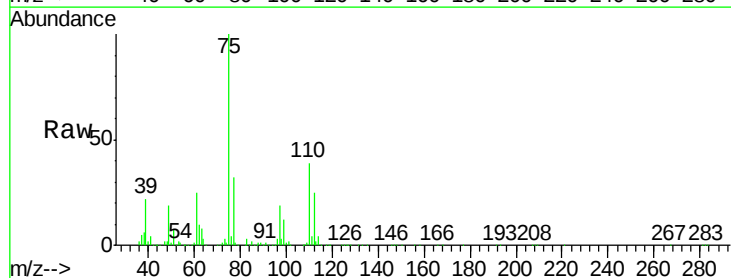
RT: 11.28 min Scan# 1672

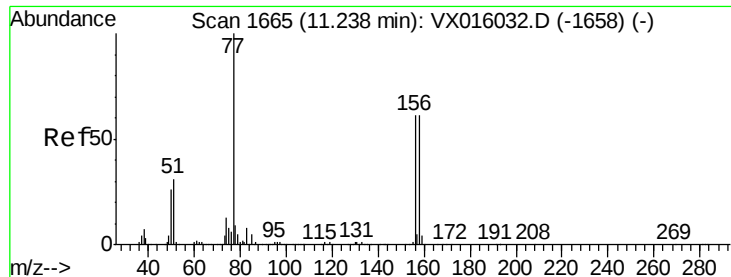
Delta R.T. -0.00 min

Lab File: VX016138.D

Acq: 11 May 2020 09:58

Tgt Ion:	75	Resp:	243944
Ion Ratio	Lower	Upper	
75	100		
77	43.5	21.2	63.6





#77

Bromobenzene

Concen: 49.116 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016138.D

Acq: 11 May 2020 09:58

Instrument :

MSVOA_X

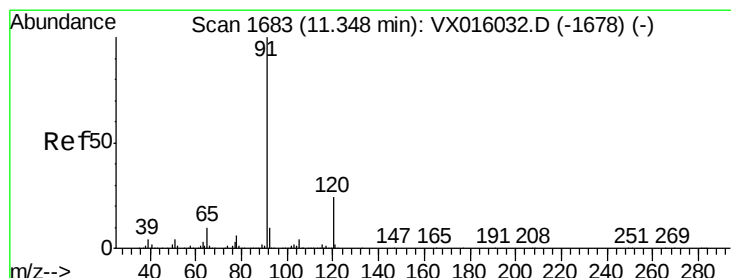
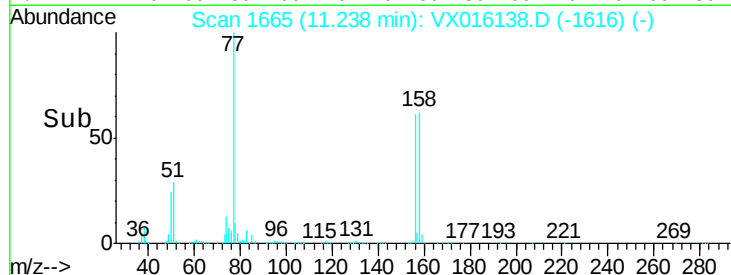
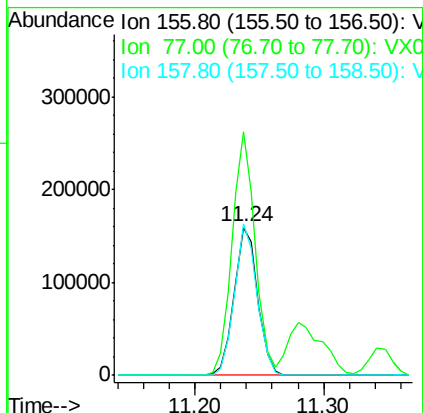
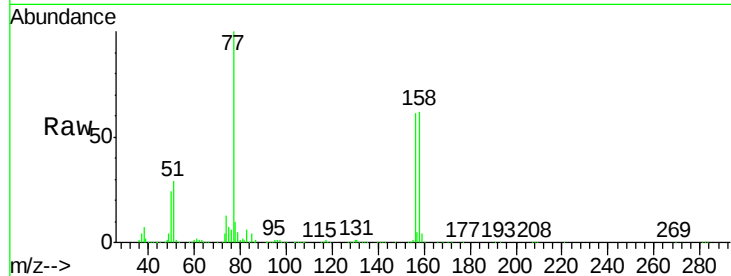
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	203771
Ion Ratio	Lower	Upper	
156	100		
77	161.0	80.1	240.3
158	97.8	49.4	148.2

Manual Integrations
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#78

n-propylbenzene

Concen: 51.173 ug/l

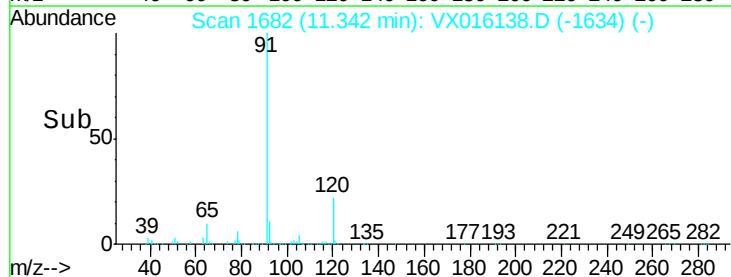
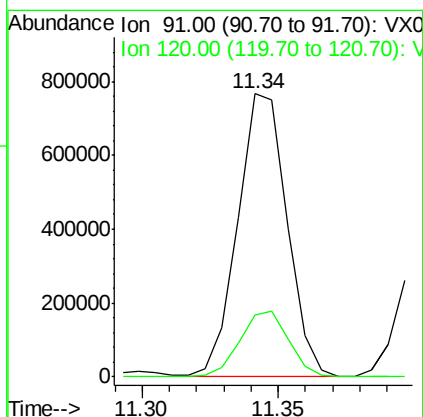
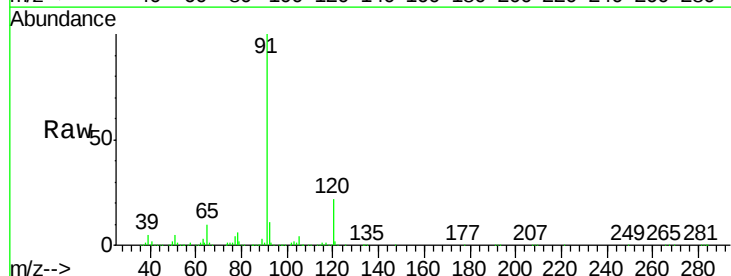
RT: 11.34 min Scan# 1682

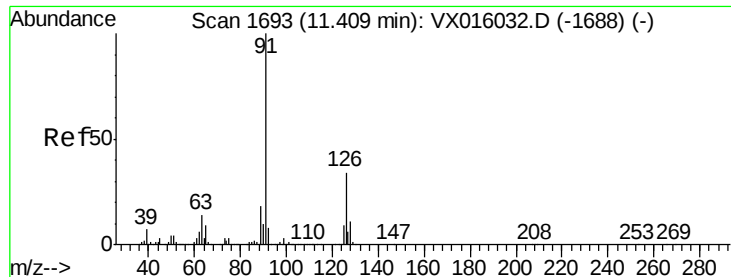
Delta R.T. -0.01 min

Lab File: VX016138.D

Acq: 11 May 2020 09:58

Tgt Ion:	91	Resp:	956883
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.5	34.5





#79

2-Chlorotoluene

Concen: 50.188 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.01 min

Lab File: VX016138.D

Acq: 11 May 2020 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 553950

Ion Ratio Lower Upper

91 100

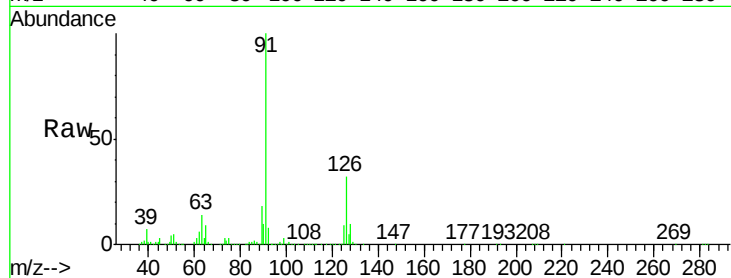
126 33.8 16.9 50.6

Manual Integrations

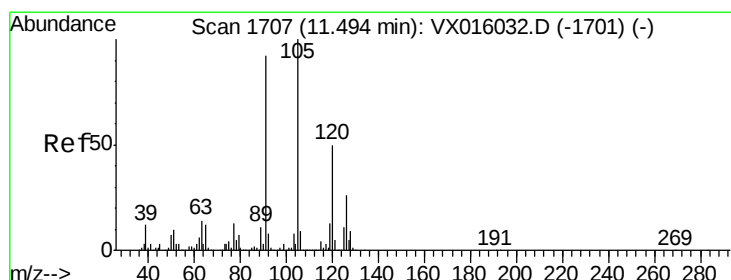
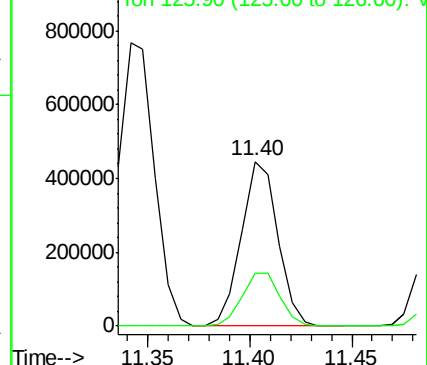
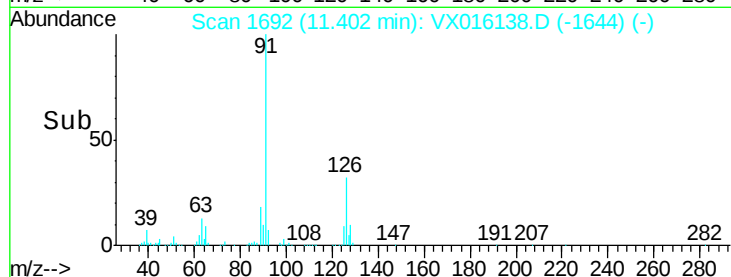
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Abundance Ion 91.00 (90.70 to 91.70): VX016138.D (-1644) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.027 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016138.D

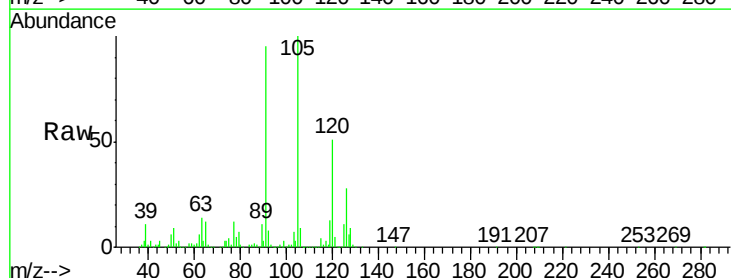
Acq: 11 May 2020 09:58

Tgt Ion: 105 Resp: 692493

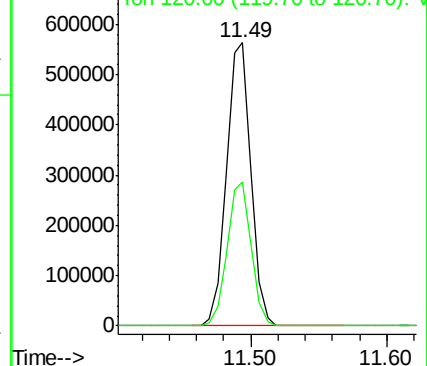
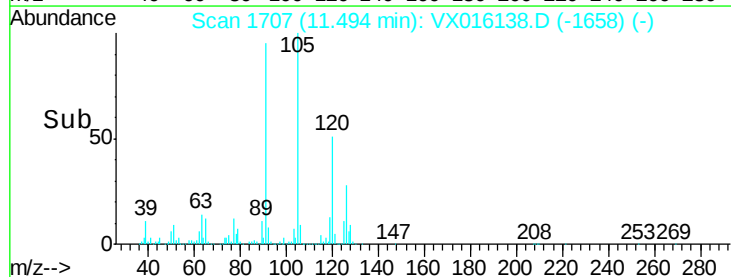
Ion Ratio Lower Upper

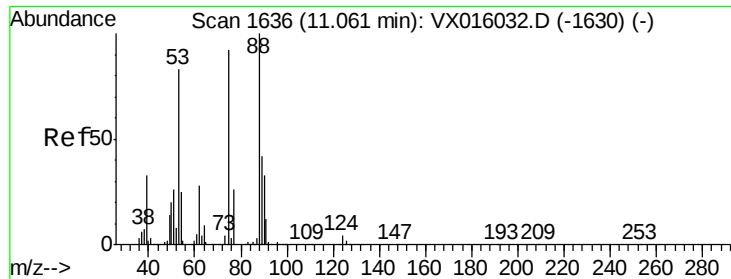
105 100

120 50.0 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VX016138.D (-1658) (-)





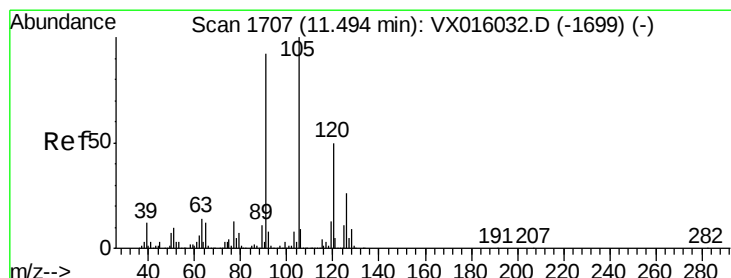
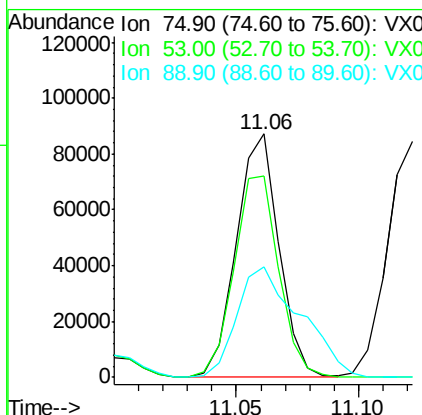
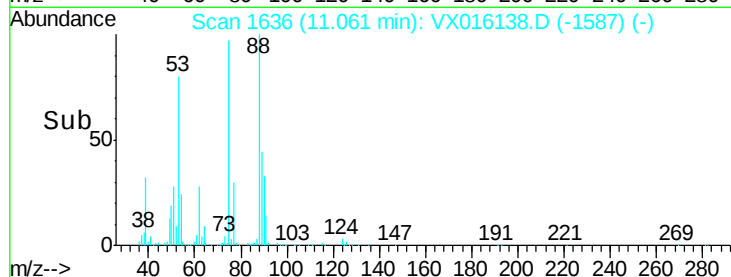
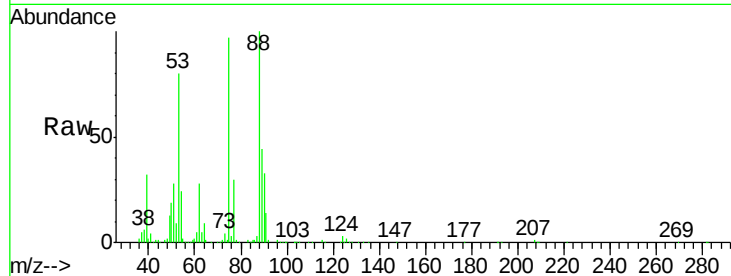
#81
trans-1,4-Dichloro-2-butene
Concen: 49.853 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016138.D
Acq: 11 May 2020 09:58

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	87.6	73.1	109.7
89	68.5	36.7	55.1#

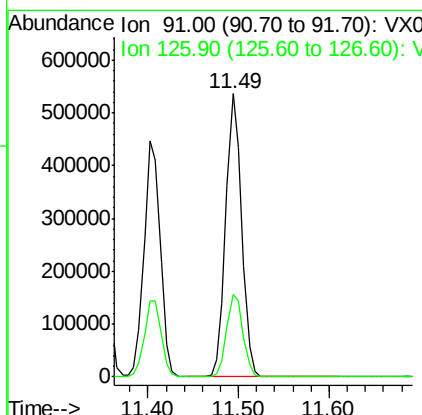
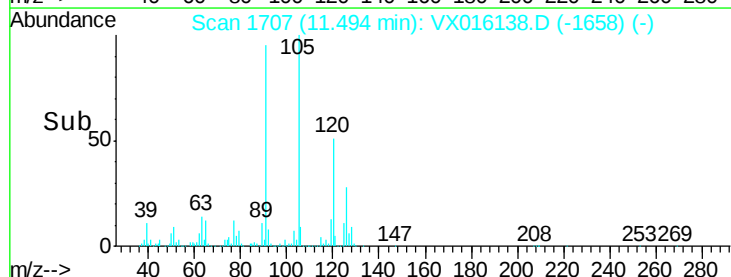
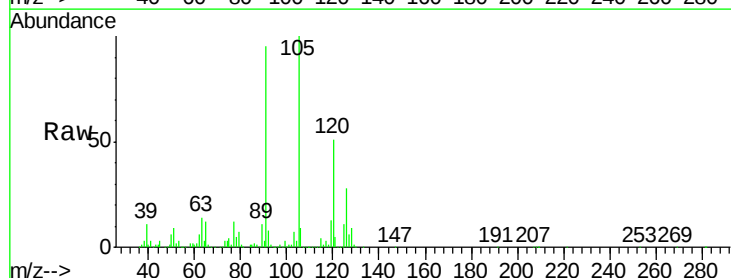
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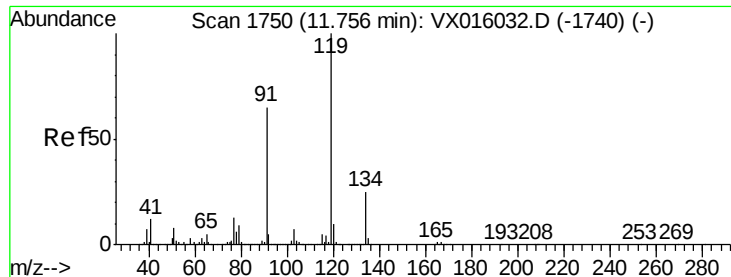
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#82
4-Chlorotoluene
Concen: 50.297 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016138.D
Acq: 11 May 2020 09:58

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.9	14.8	44.3





#83

tert-Butylbenzene

Concen: 50.478 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016138.D

Acq: 11 May 2020 09:58

Instrument :

MSVOA_X

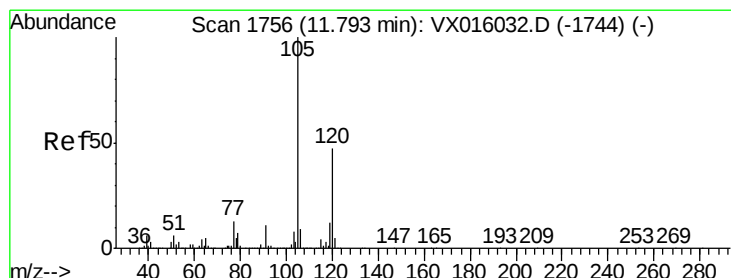
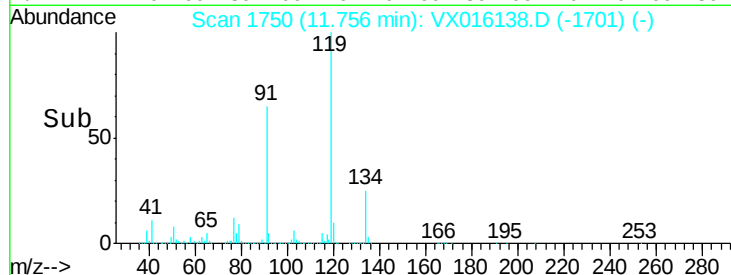
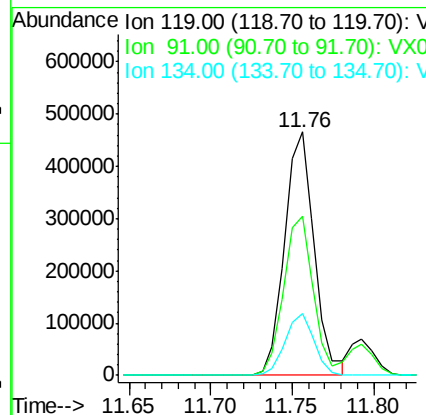
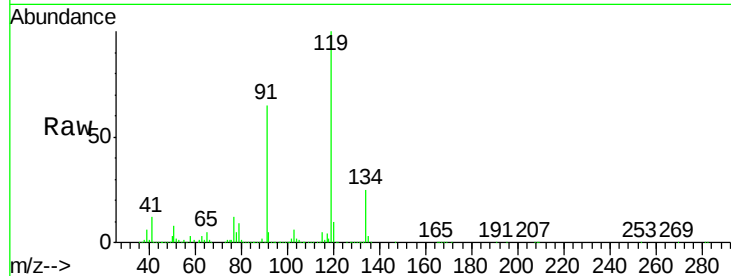
ClientSampleId :

VSTDCCC050

Tot Ion:	119	Resp:	590371
Ion Ratio	Lower	Upper	
119	100		
91	65.0	32.8	98.4
134	24.6	12.4	37.0

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#84

1,2,4-Trimethylbenzene

Concen: 51.489 ug/l

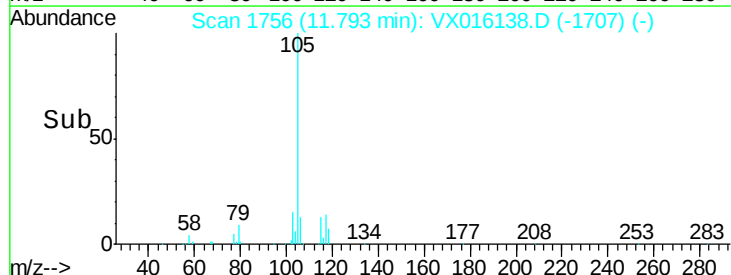
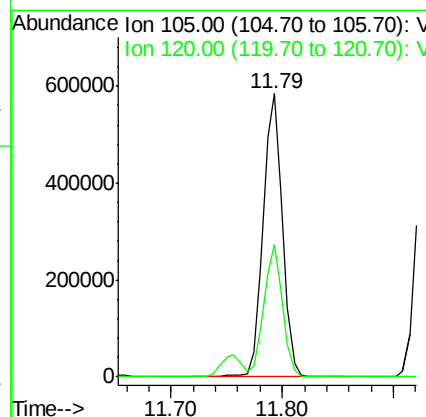
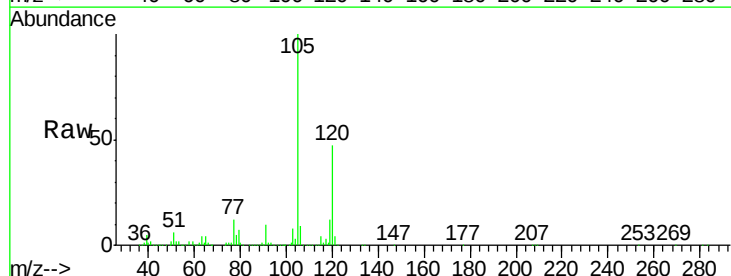
RT: 11.79 min Scan# 1756

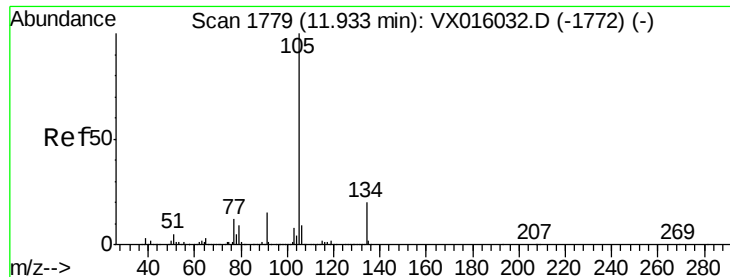
Delta R.T. -0.00 min

Lab File: VX016138.D

Acq: 11 May 2020 09:58

Tgt Ion:	105	Resp:	706453
Ion Ratio	Lower	Upper	
105	100		
120	45.2	23.0	69.0





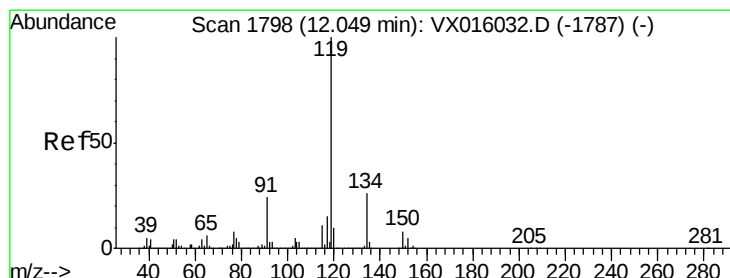
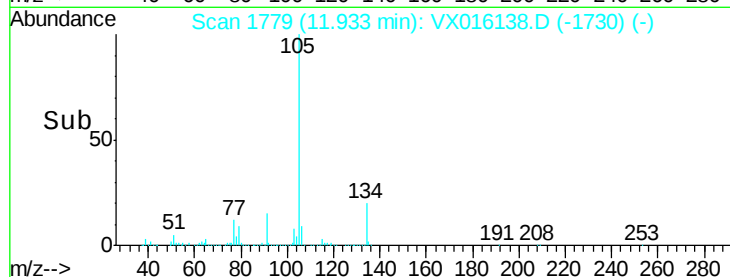
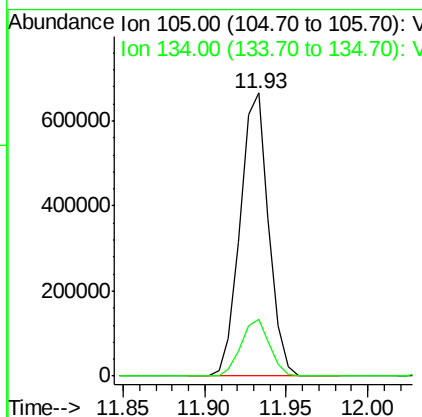
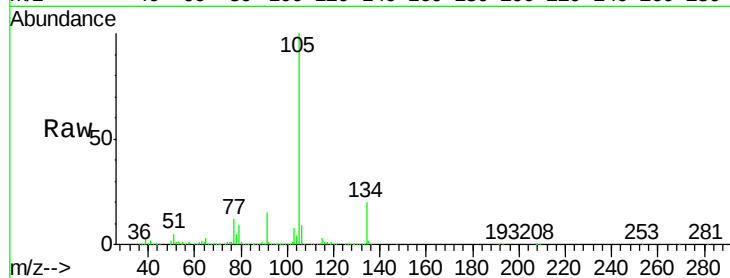
#85
 sec-Butylbenzene
 Concen: 51.171 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016138.D
 Acq: 11 May 2020 09:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.2	10.1	30.3

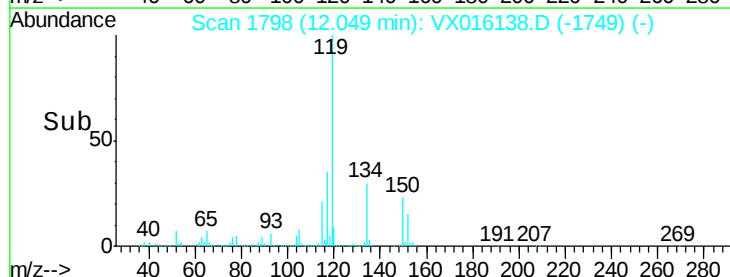
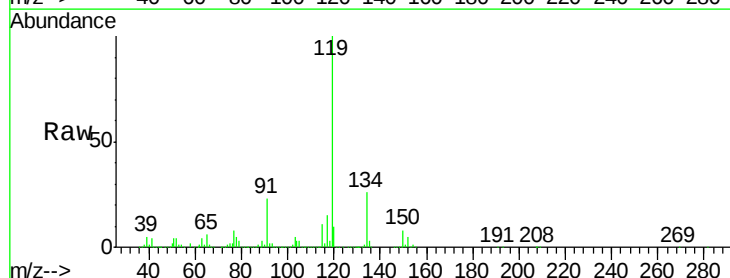
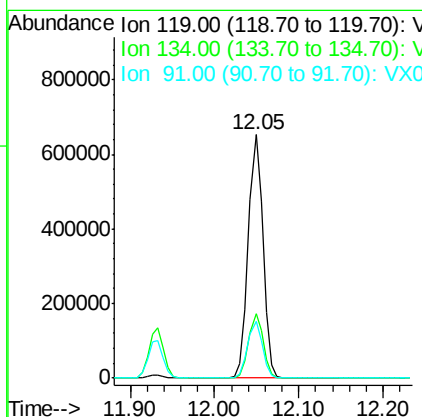
Manual Integrations
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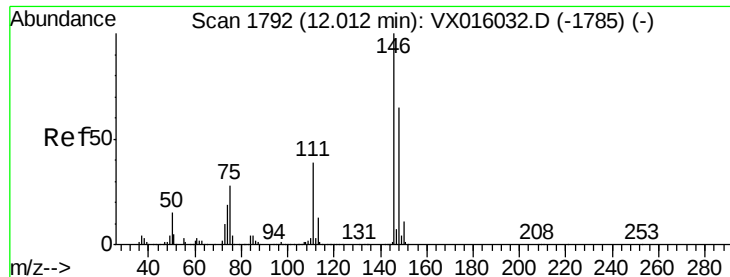
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#86
 p-Isopropyltoluene
 Concen: 51.257 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016138.D
 Acq: 11 May 2020 09:58

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.2	13.1	39.3
91	23.4	11.8	35.4





#87

1,3-Dichlorobenzene

Concen: 49.152 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016138.D

Acq: 11 May 2020 09:58

Instrument :

MSVOA_X

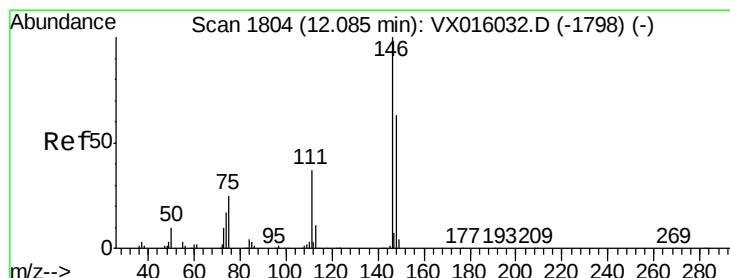
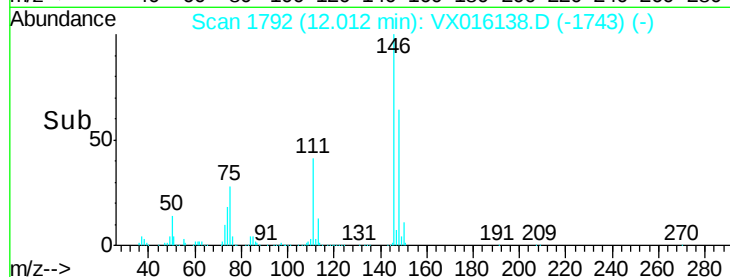
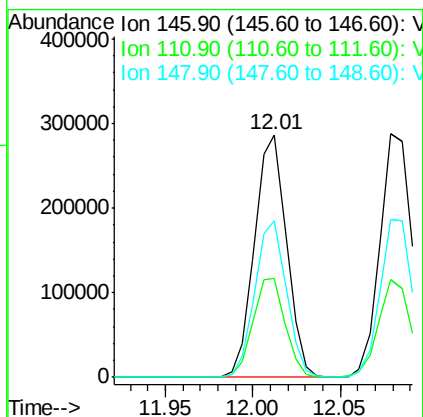
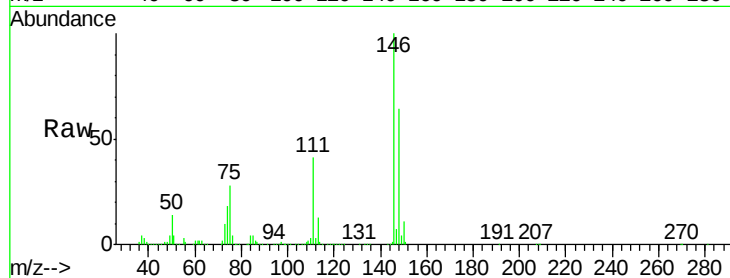
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	366147
Ion Ratio		Lower	Upper
146	100		
111	41.0	20.2	60.6
148	63.6	32.1	96.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 48.492 ug/l

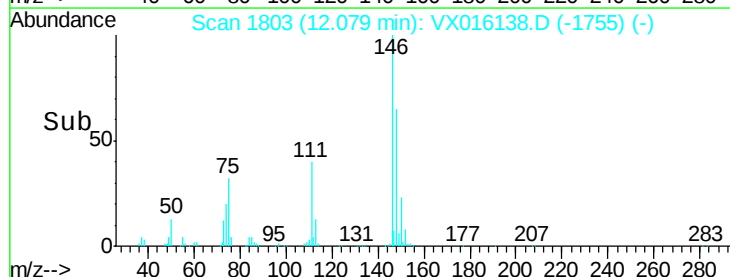
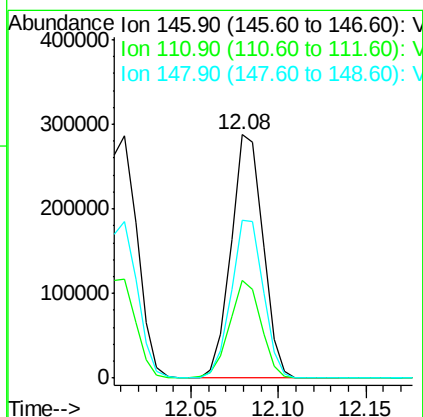
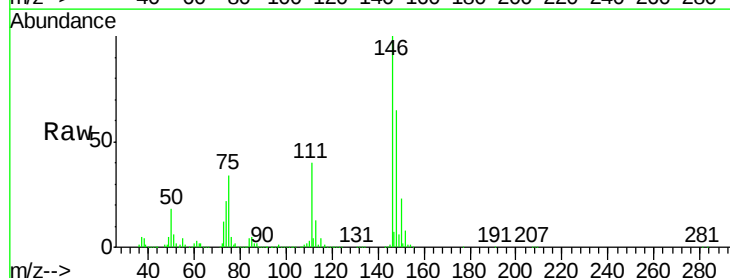
RT: 12.08 min Scan# 1803

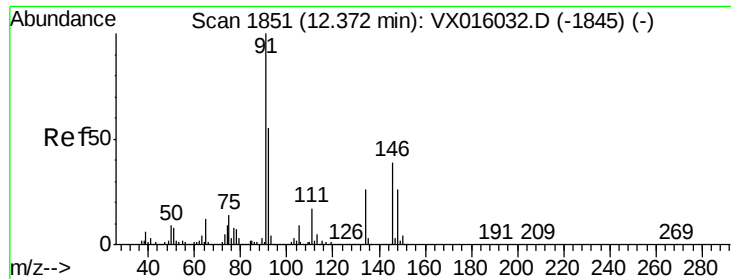
Delta R.T. -0.01 min

Lab File: VX016138.D

Acq: 11 May 2020 09:58

Tgt Ion:	146	Resp:	366638
Ion Ratio		Lower	Upper
146	100		
111	39.8	19.6	58.7
148	65.0	31.8	95.3





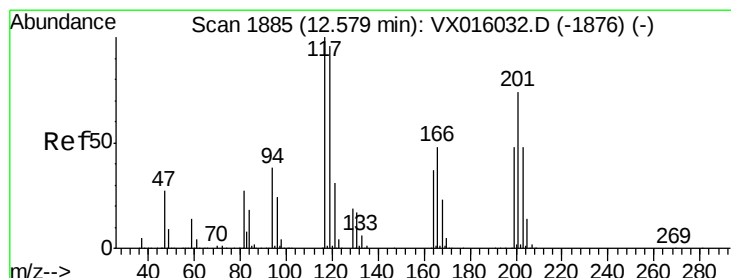
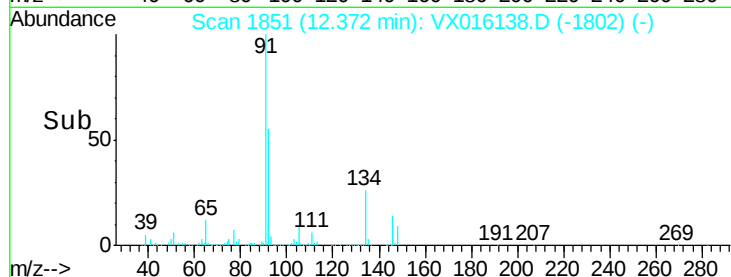
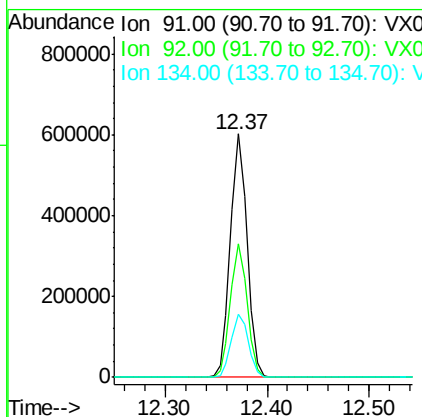
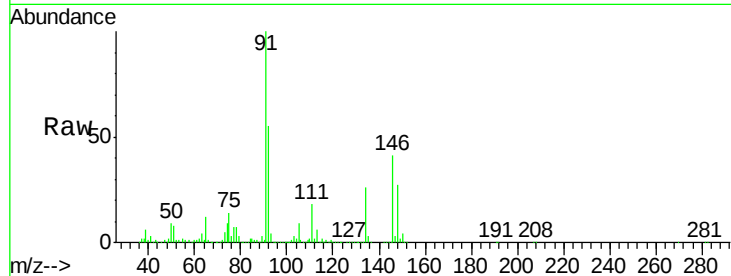
#89
n-Butylbenzene
Concen: 50.737 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016138.D
Acq: 11 May 2020 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.8	27.6	82.7
134	26.7	13.4	40.1

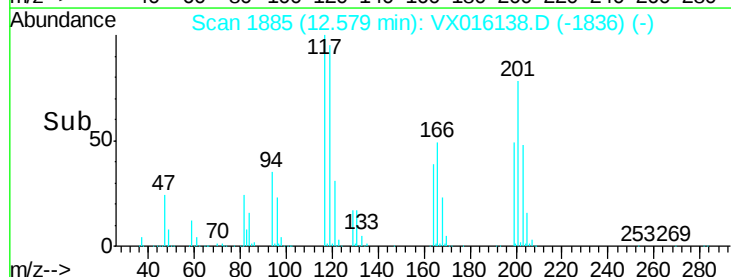
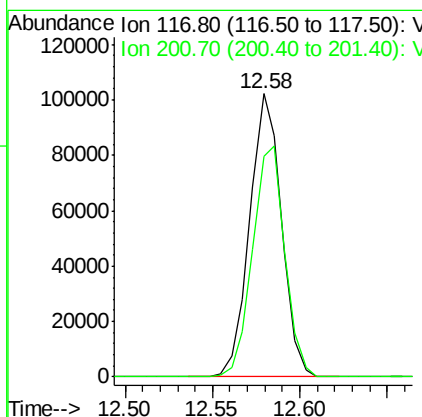
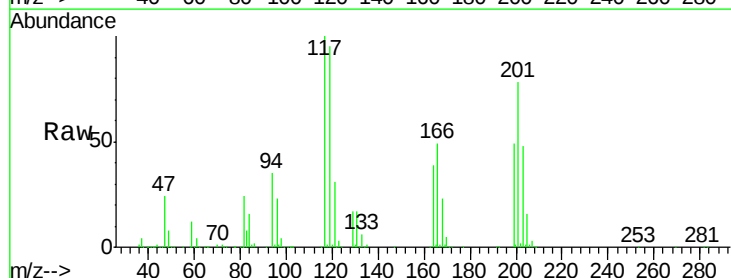
Manual Integrations
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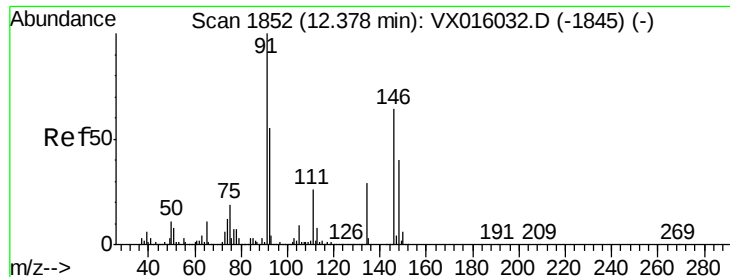
apatel
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#90
Hexachloroethane
Concen: 51.577 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016138.D
Acq: 11 May 2020 09:58

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.0	39.8	119.3





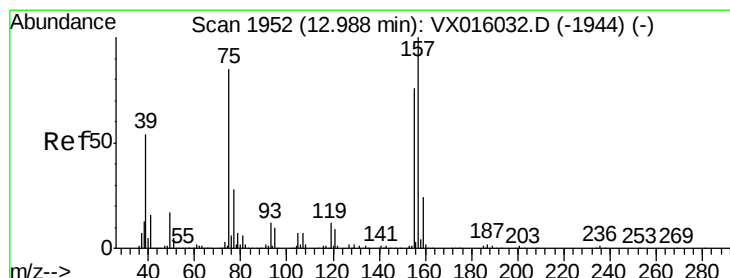
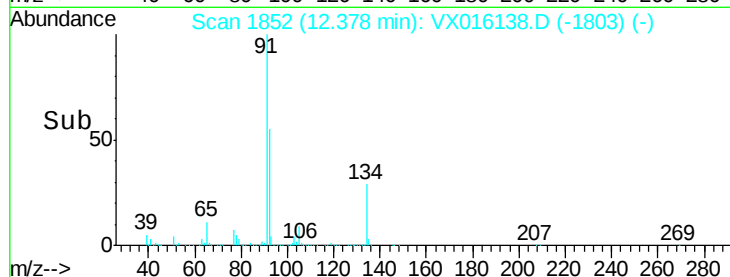
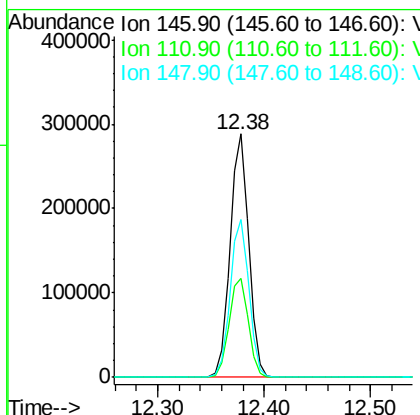
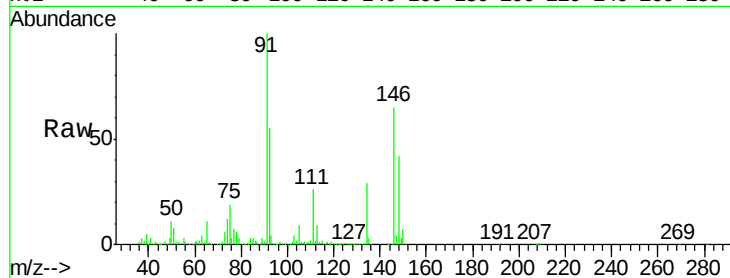
#91
 1,2-Dichlorobenzene
 Concen: 49.300 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016138.D
 Acq: 11 May 2020 09:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	42.2	21.1	63.1	
148	65.5	32.4	97.0	

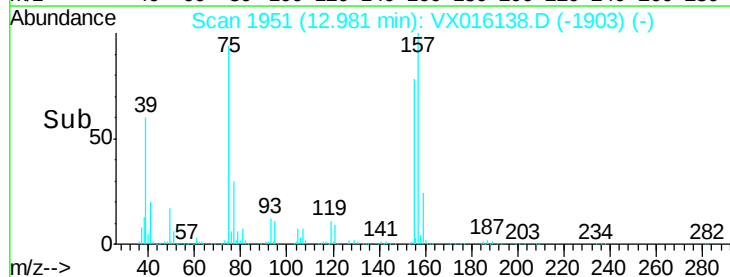
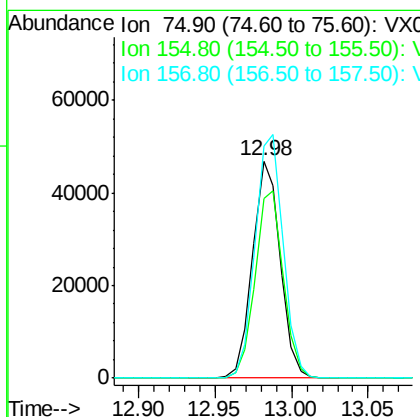
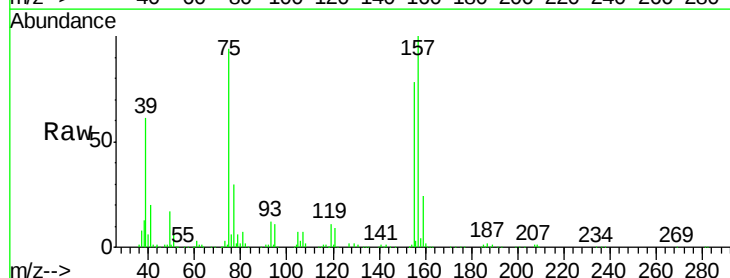
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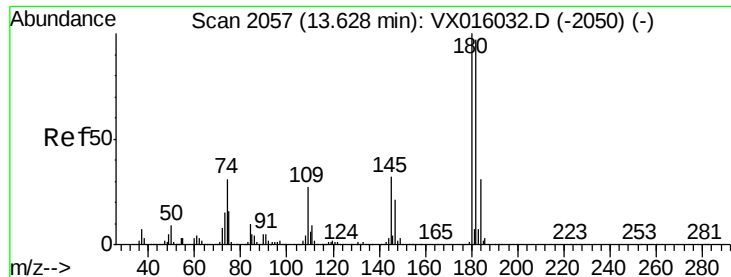
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.752 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: VX016138.D
 Acq: 11 May 2020 09:58

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
155	87.8	42.5	127.5	
157	113.8	55.3	165.8	





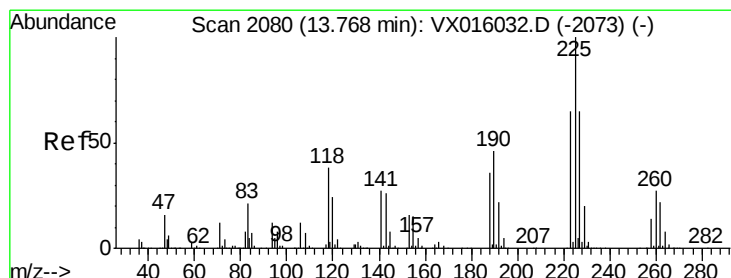
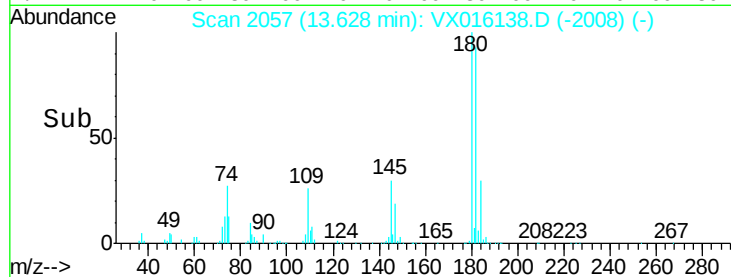
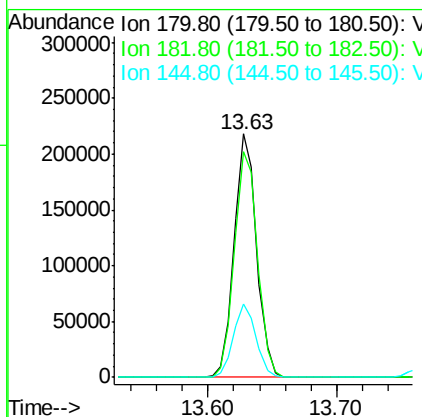
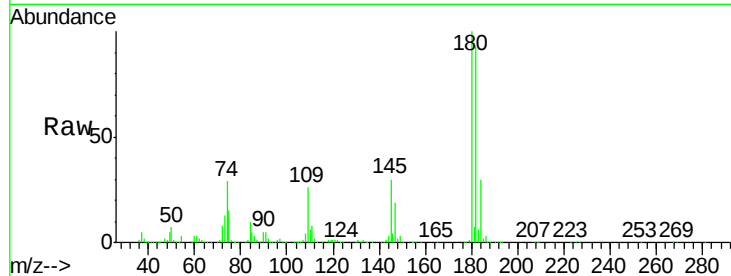
#93
 1,2,4-Trichlorobenzene
 Concen: 49.979 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016138.D
 Acq: 11 May 2020 09:58

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	265415		
182	95.8	48.7	146.1	
145	30.5	15.7	47.1	

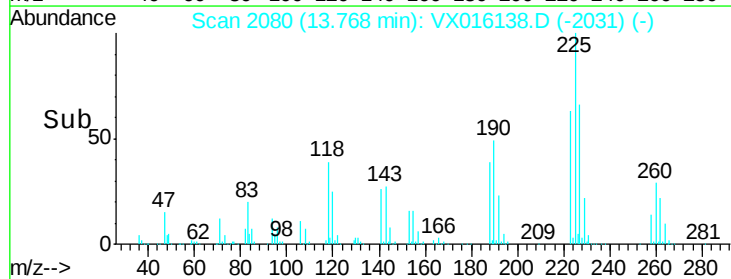
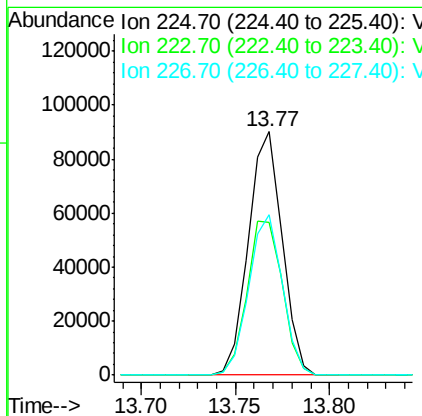
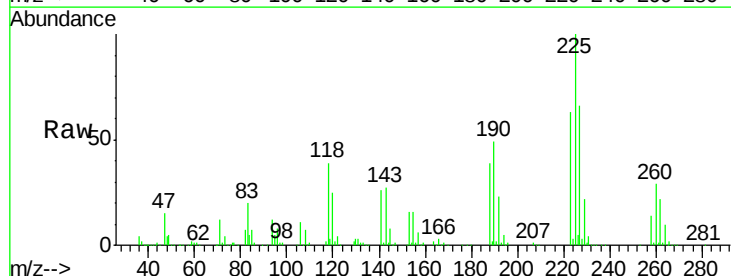
Manual Integrations
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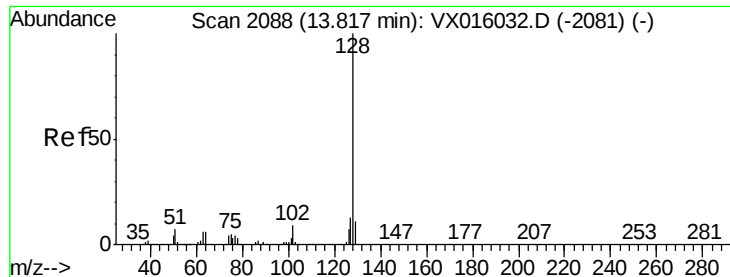
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#94
 Hexachlorobutadiene
 Concen: 49.120 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016138.D
 Acq: 11 May 2020 09:58

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	112302		
223	66.4	32.3	96.9	
227	65.1	31.8	95.4	





#95

Naphthalene

Concen: 49.251 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016138.D

Acq: 11 May 2020 09:58

Instrument :

MSVOA_X

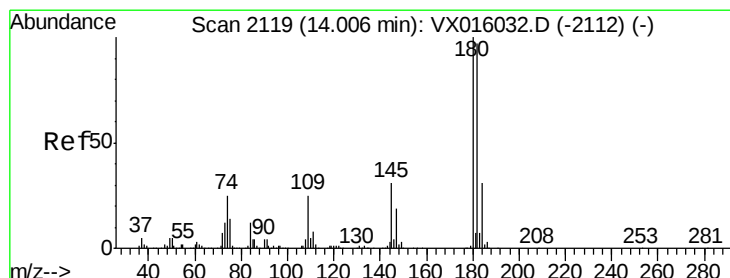
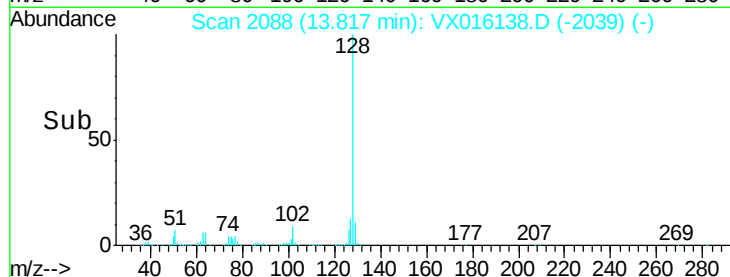
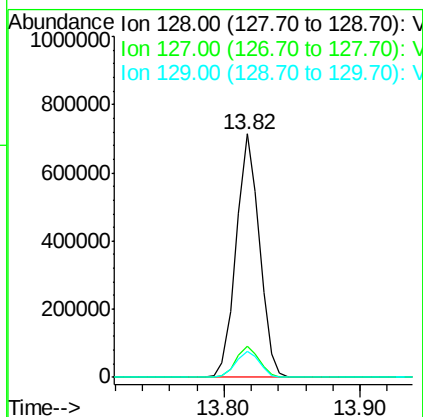
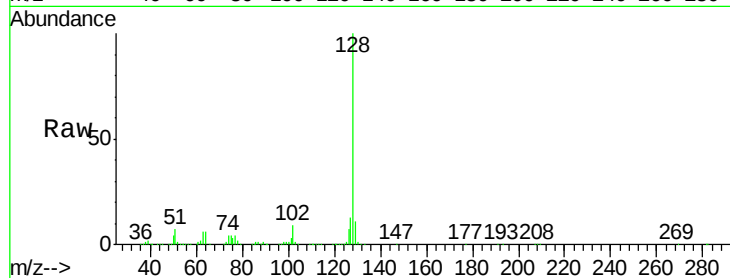
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	846899
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.2	15.4
129	11.1	8.7	13.1

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 50.288 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VX016138.D

Acq: 11 May 2020 09:58

Tgt Ion:	180	Resp:	260997
Ion Ratio	Lower	Upper	
180	100		
182	94.6	48.4	145.0
145	32.3	16.4	49.1

