

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051920\
 Data File : VX016348.D
 Acq On : 19 May 2020 20:20
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/21/2020 1:12:04 PM

Quant Time: May 20 07:49:24 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	5.63	168	266187	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	440517	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	404507	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	186425	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	159786	45.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.24%	
35) Dibromofluoromethane	5.47	113	131139	46.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.98%	
50) Toluene-d8	8.70	98	494527	45.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.98%	
62) 4-Bromofluorobenzene	11.12	95	191458	46.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	136146	48.321	ug/l	100
3) Chloromethane	1.31	50	150752	46.072	ug/l	99
4) Vinyl Chloride	1.39	62	168674	48.317	ug/l	99
5) Bromomethane	1.62	94	65334	37.122	ug/l	96
6) Chloroethane	1.70	64	102890	48.440	ug/l	97
7) Trichlorofluoromethane	1.91	101	218750	47.730	ug/l	99
8) Diethyl Ether	2.17	74	96698	50.075	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.36	101	119644	45.248	ug/l	99
10) Methyl Iodide	2.49	142	137054	38.588	ug/l	99
11) Tert butyl alcohol	3.02	59	211689	238.993	ug/l	99
12) 1,1-Dichloroethene	2.36	96	132614	47.926	ug/l	99
13) Acrolein	2.27	56	155471	280.494	ug/l	99
14) Allyl chloride	2.70	41	232848	45.895	ug/l	94
15) Acrylonitrile	3.12	53	470487	256.047	ug/l	98
16) Acetone	2.42	43	366514	234.510	ug/l	94
17) Carbon Disulfide	2.55	76	351077	42.218	ug/l	99
18) Methyl Acetate	2.75	43	251182	65.365	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	497727	52.179	ug/l	98
20) Methylene Chloride	2.83	84	154788	48.043	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	147314	47.775	ug/l	95
22) Diisopropyl ether	3.82	45	466287	48.716	ug/l	95
23) Vinyl Acetate	3.79	43	1907623	226.536	ug/l	98
24) 1,1-Dichloroethane	3.67	63	271432	50.695	ug/l	99
25) 2-Butanone	4.64	43	630336	250.287	ug/l	96
26) 2,2-Dichloropropane	4.55	77	207733	42.483	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	172003	51.024	ug/l	95
28) Bromochloromethane	4.98	49	115415	47.273	ug/l	94
29) Tetrahydrofuran	5.09	42	410392	245.930	ug/l	95
30) Chloroform	5.18	83	272558	51.126	ug/l	98
31) Cyclohexane	5.55	56	191983	39.454	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	240608	49.653	ug/l	98
36) 1,1-Dichloropropene	5.77	75	197920	45.643	ug/l	99
37) Ethyl Acetate	4.79	43	230142	45.792	ug/l	98
38) Carbon Tetrachloride	5.76	117	204676	46.438	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	166261	31.838	ug/l	99
40) Benzene	6.12	78	622193	49.039	ug/l	100
41) Methacrylonitrile	5.01	41	128281	47.263	ug/l	96
42) 1,2-Dichloroethane	6.17	62	212143	46.415	ug/l	98
43) Isopropyl Acetate	6.42	43	366762	45.737	ug/l	97
44) Trichloroethene	7.19	130	193073	42.834	ug/l	96
45) 1,2-Dichloropropane	7.49	63	162087	50.488	ug/l	100
46) Dibromomethane	7.64	93	107259	49.163	ug/l	99
47) Bromodichloromethane	7.88	83	223908	50.391	ug/l	99
48) Methyl methacrylate	7.75	41	179981	47.367	ug/l	93
49) 1,4-Dioxane	7.71	88	82592	906.302	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1196638	243.857	ug/l	96
52) Toluene	8.77	92	391116	49.455	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	255549	48.236	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	269622	48.724	ug/l	93
55) 1,1,2-Trichloroethane	9.20	97	159536	51.273	ug/l	100
56) Ethyl methacrylate	9.16	69	268247	52.816	ug/l	92
57) 1,3-Dichloropropane	9.35	76	274298	50.523	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	628699	232.517	ug/l	99
59) 2-Hexanone	9.48	43	927683	240.727	ug/l	95
60) Dibromochloromethane	9.57	129	179583	52.405	ug/l	99
61) 1,2-Dibromoethane	9.65	107	170262	50.519	ug/l	100
64) Tetrachloroethene	9.32	164	200247	40.325	ug/l	98
65) Chlorobenzene	10.12	112	416998	49.233	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	160167	51.162	ug/l	99
67) Ethyl Benzene	10.24	91	698078	46.192	ug/l	99
68) m/p-Xylenes	10.34	106	528158	93.280	ug/l	100
69) o-Xylene	10.68	106	256423	47.114	ug/l	99
70) Styrene	10.70	104	469083	50.803	ug/l	99
71) Bromoform	10.84	173	138192	54.181	ug/l #	98
73) Isopropylbenzene	11.01	105	627821	46.301	ug/l	99
74) N-amyl acetate	10.88	43	298281	47.161	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	193319	69.261	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	229615m	54.277	ug/l	
77) Bromobenzene	11.24	156	181768	51.935	ug/l	98
78) n-propylbenzene	11.35	91	701948	44.499	ug/l	100
79) 2-Chlorotoluene	11.41	91	452652	48.614	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	511749	44.700	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	93010	52.394	ug/l	95
82) 4-Chlorotoluene	11.49	91	531950	48.379	ug/l	98
83) tert-Butylbenzene	11.76	119	428754	43.456	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	534016	46.137	ug/l	98
85) sec-Butylbenzene	11.93	105	514133	38.594	ug/l	100
86) p-Isopropyltoluene	12.05	119	483370	39.081	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	295600	47.038	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	301439	47.260	ug/l	100
89) n-Butylbenzene	12.37	91	392347	34.724	ug/l	100
90) Hexachloroethane	12.58	117	83925	39.510	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	295758	48.877	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	59046	52.958	ug/l	98

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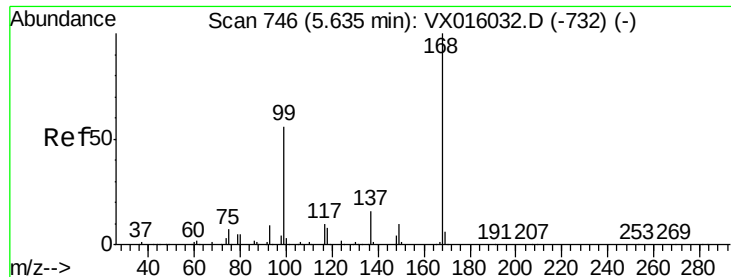
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	176786	39.461	ug/l	99
94) Hexachlorobutadiene	13.77	225	55436	28.959	ug/l	97
95) Naphthalene	13.82	128	687484	47.392	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	173938	39.727	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX016348.D

Acq: 19 May 2020 20:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 266187

Ion Ratio Lower Upper

168 100

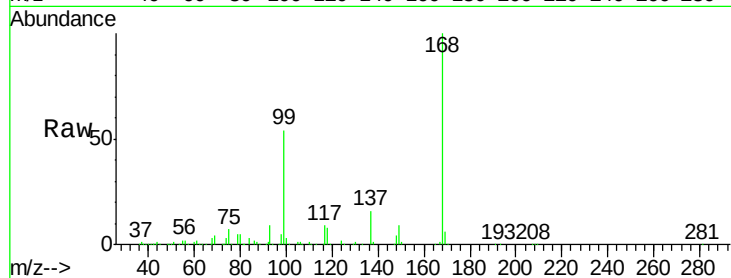
99 53.9 45.0 67.4

Manual Integrations

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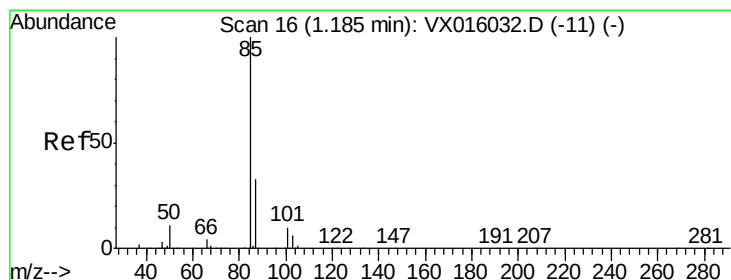
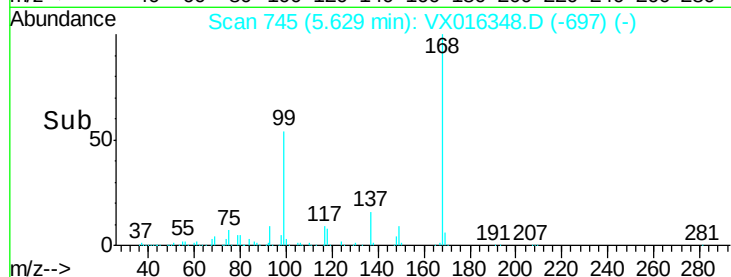
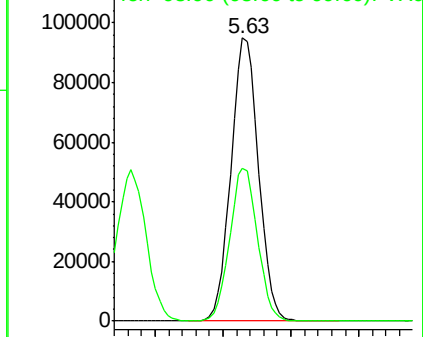
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 48.321 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016348.D

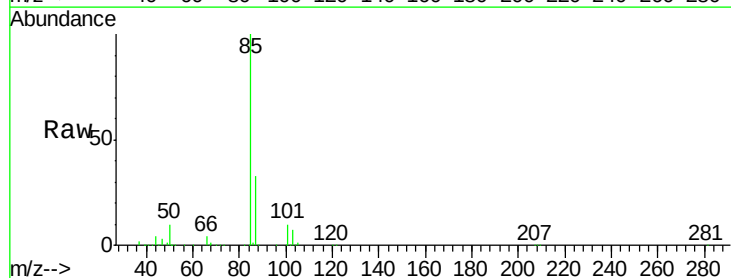
Acq: 19 May 2020 20:20

Tgt Ion: 85 Resp: 136146

Ion Ratio Lower Upper

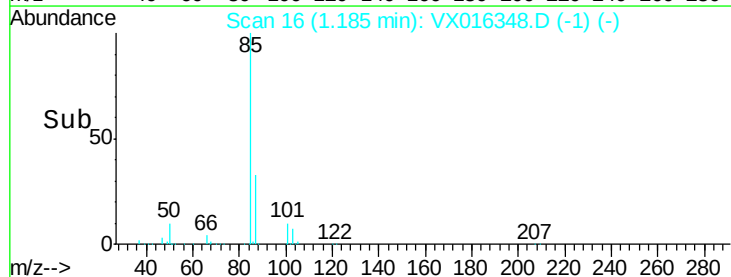
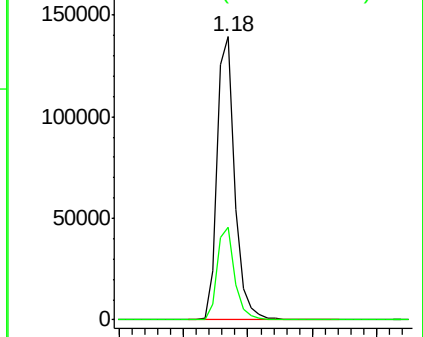
85 100

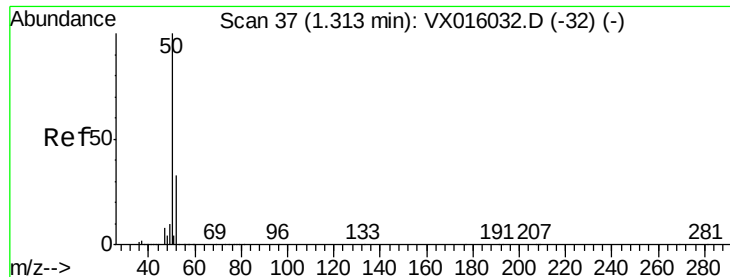
87 32.9 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 46.072 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016348.D

Acq: 19 May 2020 20:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 150752

Ion Ratio Lower Upper

50 100

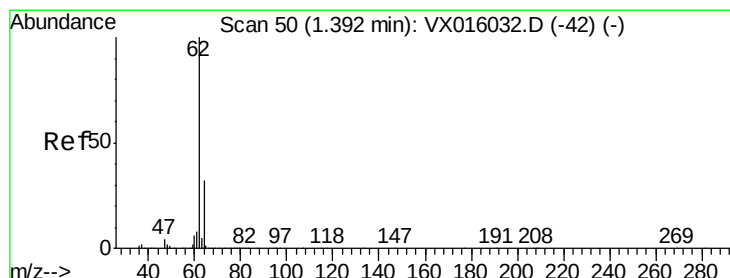
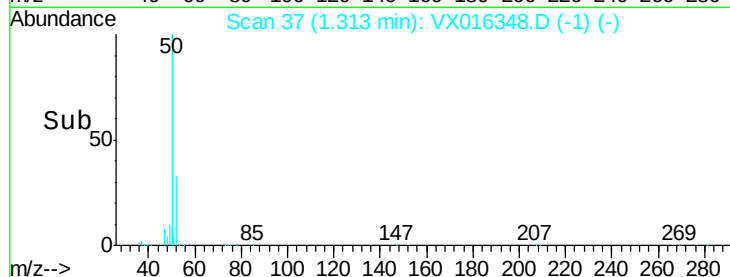
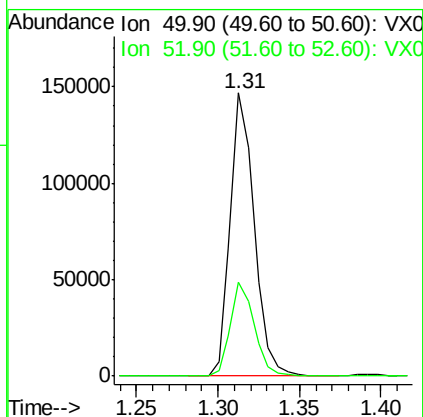
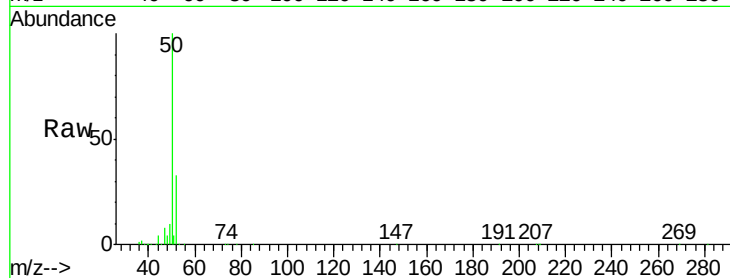
52 33.1 26.1 39.1

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#4

Vinyl Chloride

Concen: 48.317 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016348.D

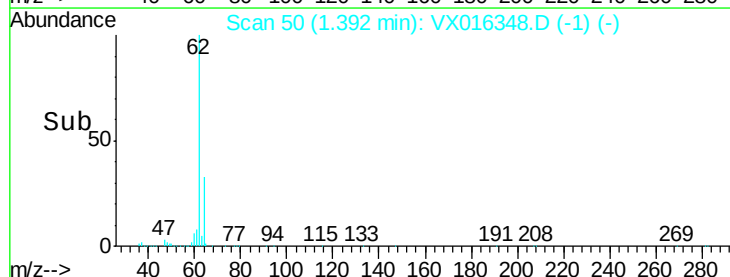
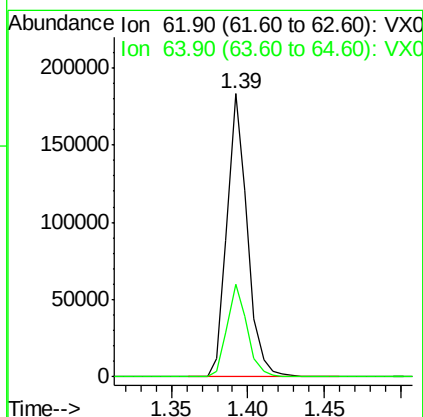
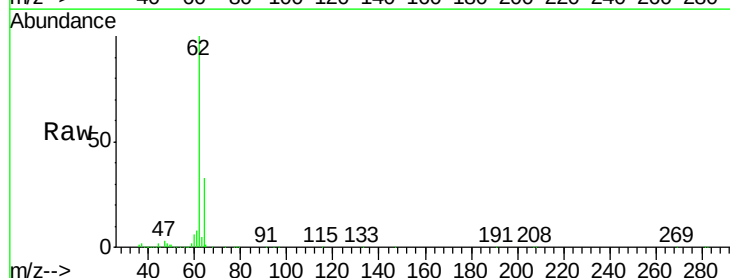
Acq: 19 May 2020 20:20

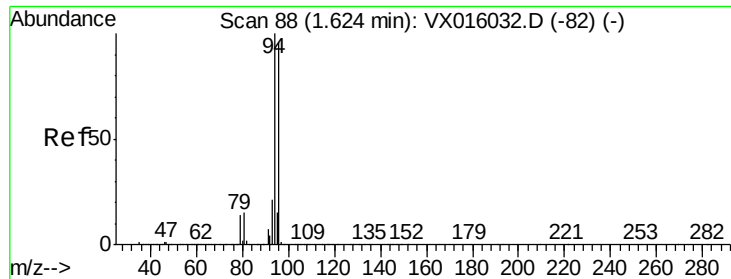
Tgt Ion: 62 Resp: 168674

Ion Ratio Lower Upper

62 100

64 32.7 25.7 38.5





#5

Bromomethane

Concen: 37.122 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016348.D

Acq: 19 May 2020 20:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 65334

Ion Ratio Lower Upper

94 100

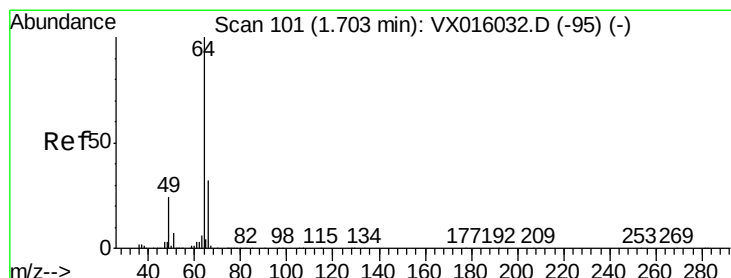
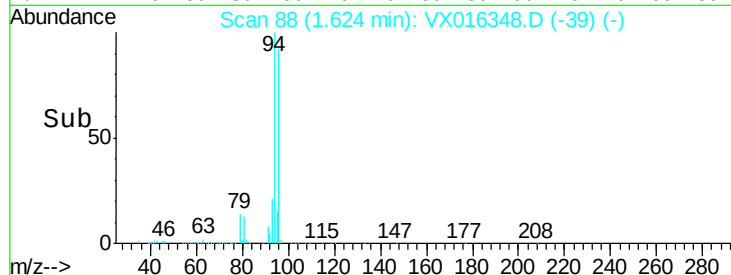
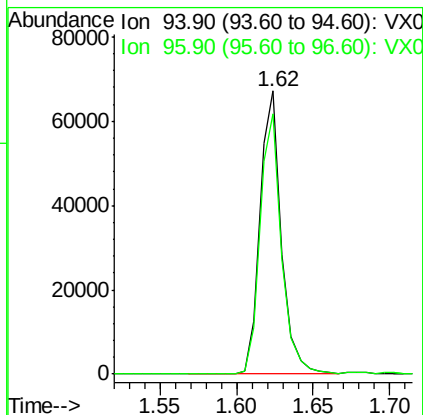
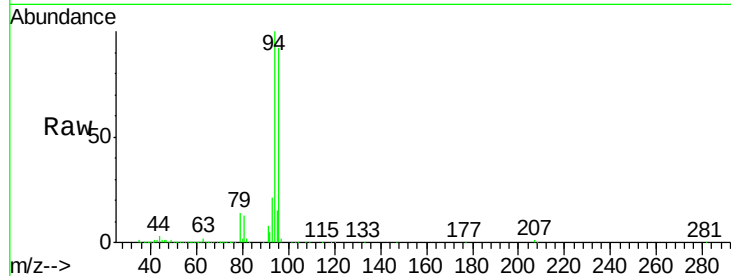
96 91.8 76.9 115.3

Manual Integrations

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#6

Chloroethane

Concen: 48.440 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016348.D

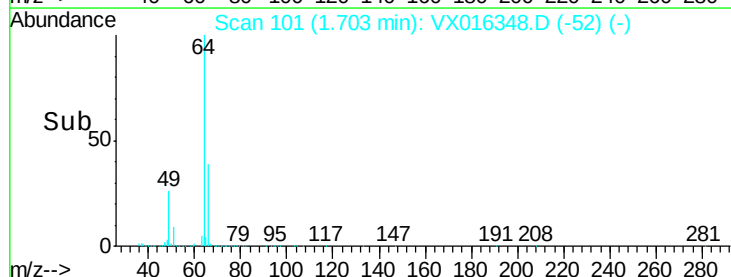
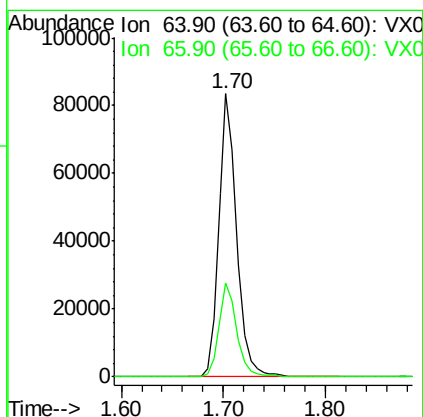
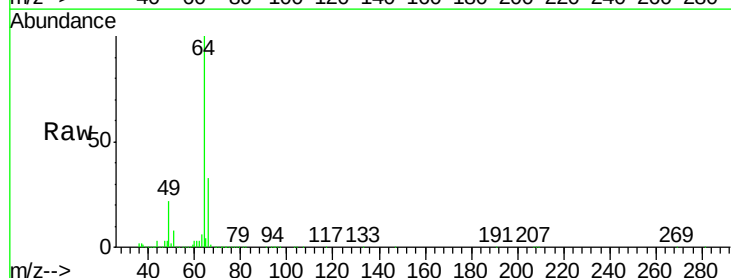
Acq: 19 May 2020 20:20

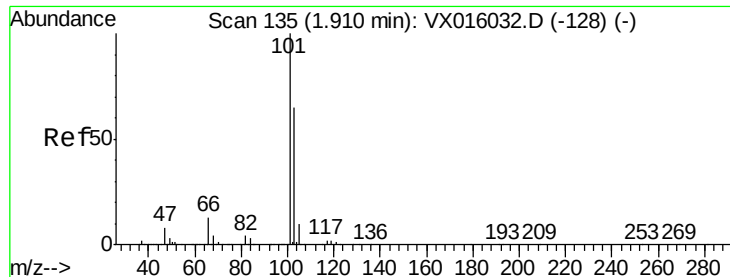
Tgt Ion: 64 Resp: 102890

Ion Ratio Lower Upper

64 100

66 33.1 25.2 37.8





#7

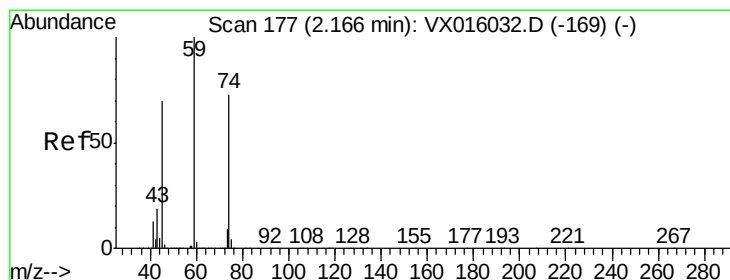
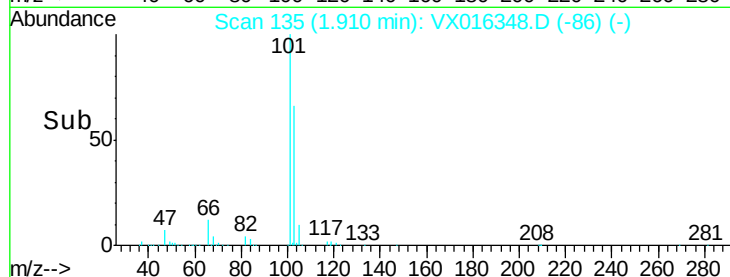
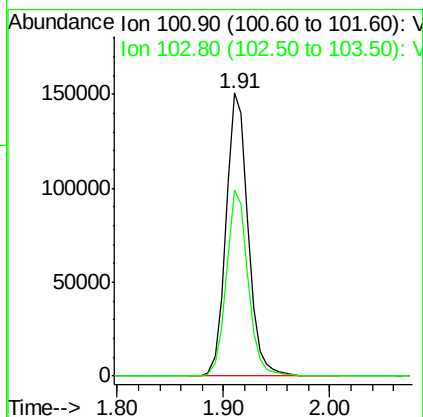
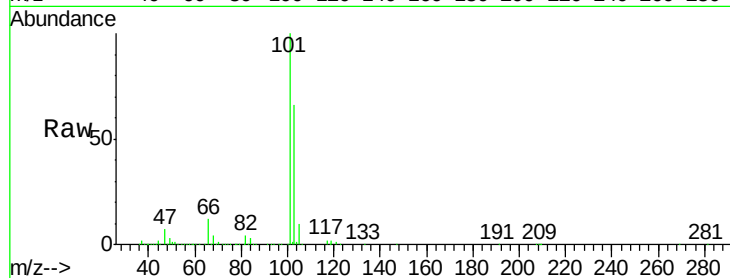
Trichlorofluoromethane
Concen: 47.730 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX016348.D
Acq: 19 May 2020 20:20

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VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.7	51.8	77.6

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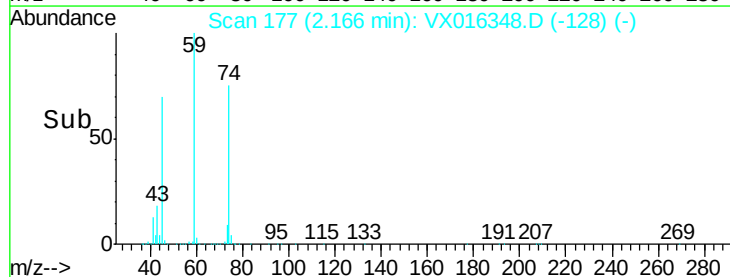
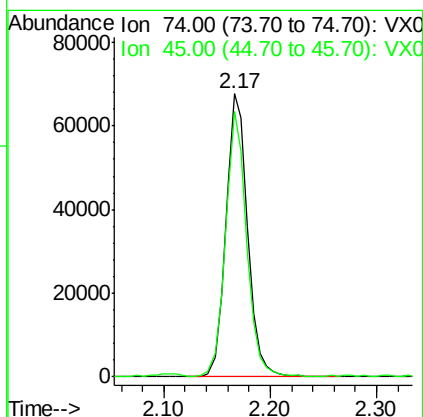
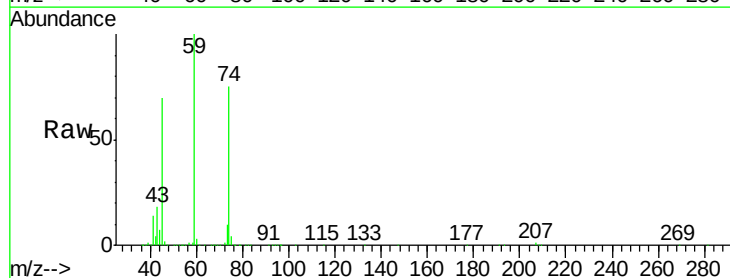
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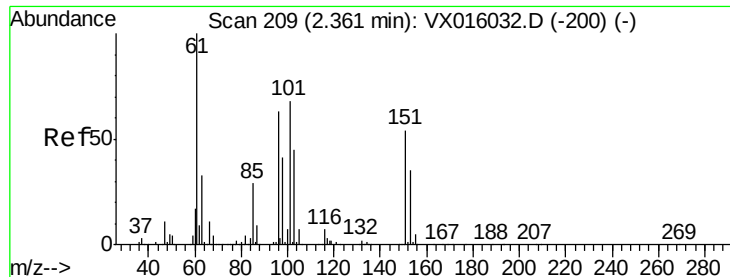


#8

Diethyl Ether
Concen: 50.075 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016348.D
Acq: 19 May 2020 20:20

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.2	47.3	142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.248 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016348.D

Acq: 19 May 2020 20:20

Instrument :

MSVOA_X

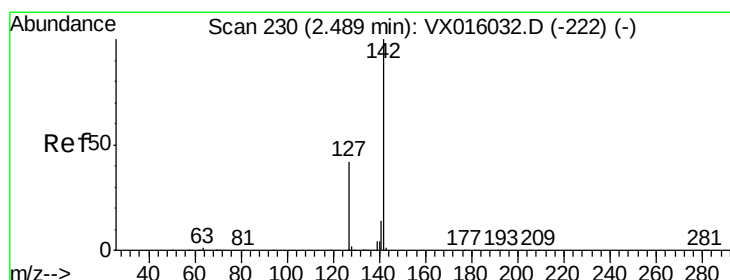
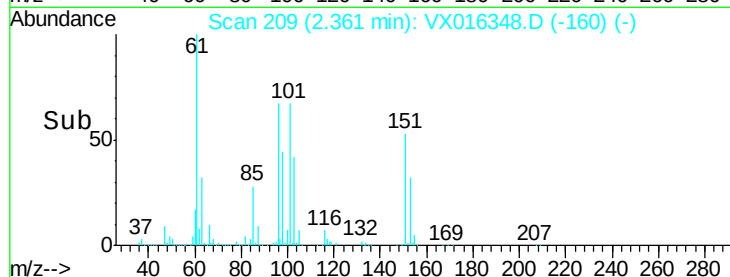
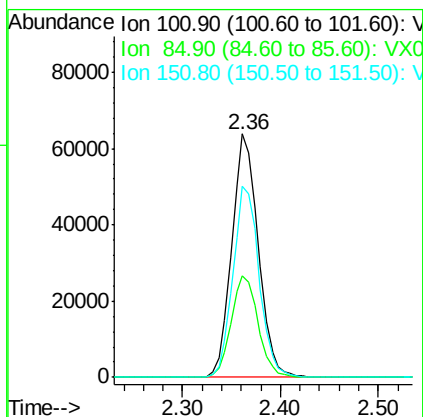
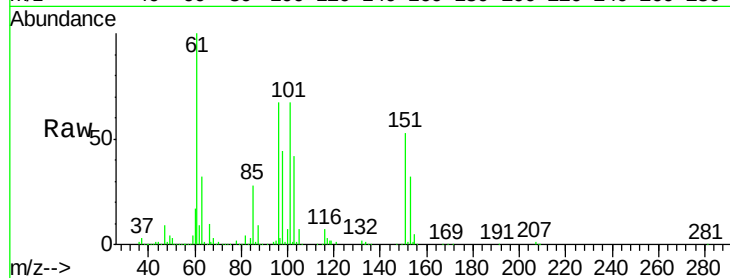
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	119644
Ion Ratio	Lower	Upper	
101	100		
85	42.5	34.2	51.4
151	78.2	62.1	93.1

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#10

Methyl Iodide

Concen: 38.588 ug/l

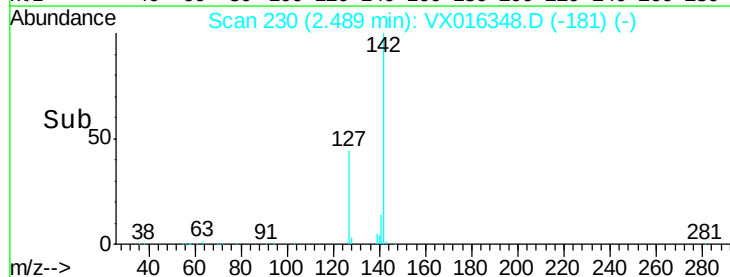
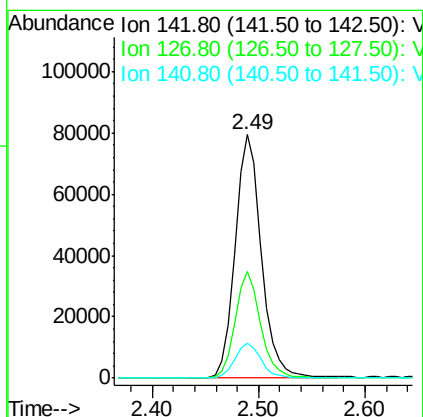
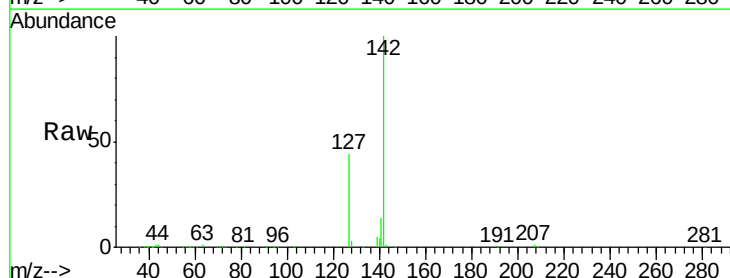
RT: 2.49 min Scan# 230

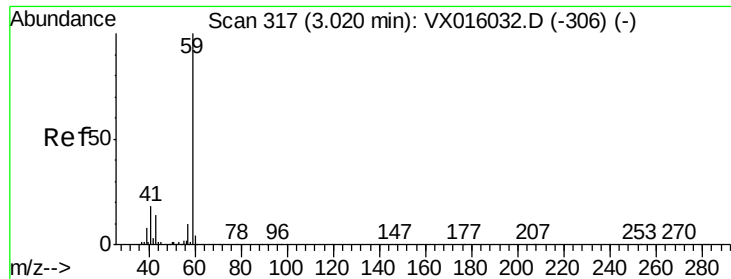
Delta R.T. -0.00 min

Lab File: VX016348.D

Acq: 19 May 2020 20:20

Tgt Ion:	142	Resp:	137054
Ion Ratio	Lower	Upper	
142	100		
127	42.7	34.6	52.0
141	14.4	11.3	16.9





#11

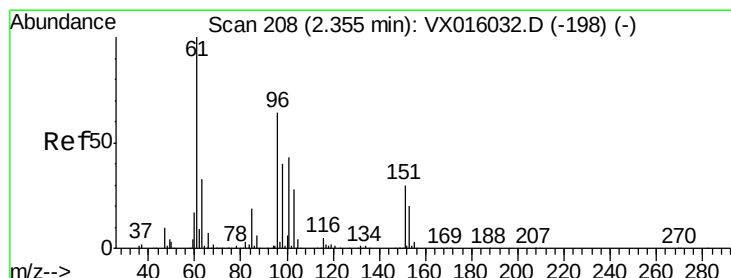
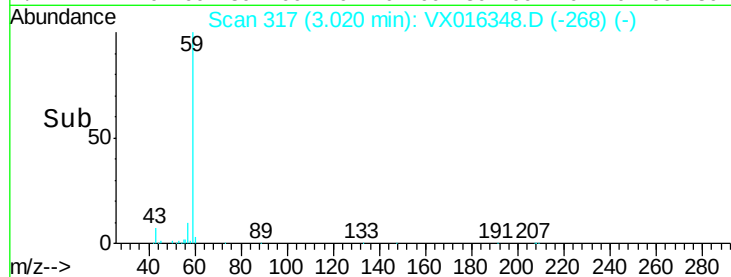
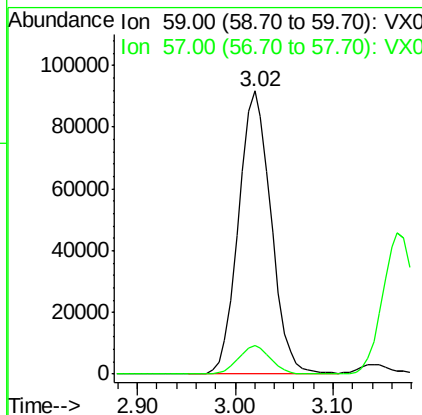
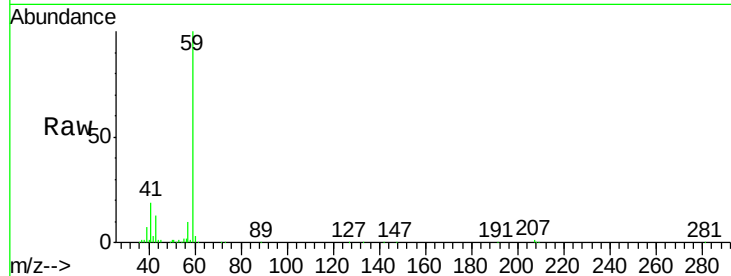
Tert butyl alcohol
Concen: 238.993 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX016348.D
Acq: 19 May 2020 20:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.2	12.4

Manual Integrations
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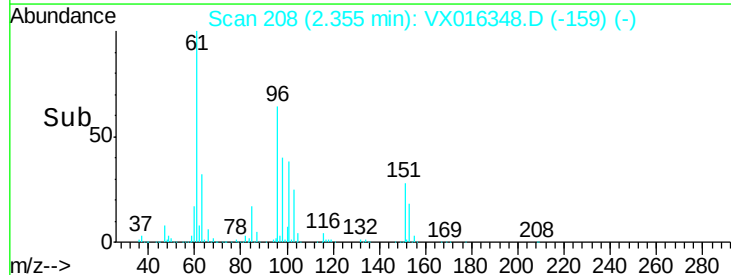
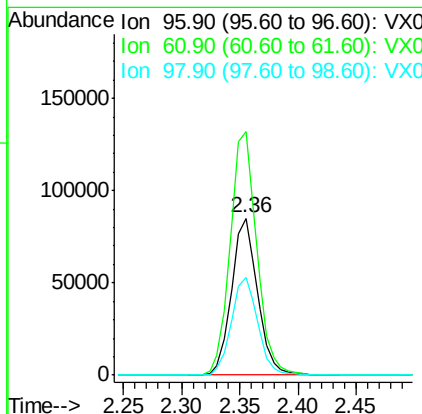
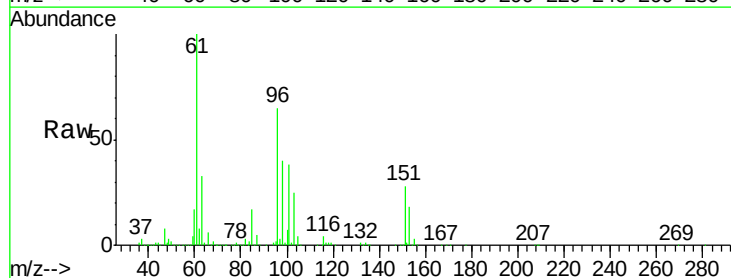
MMDadoda
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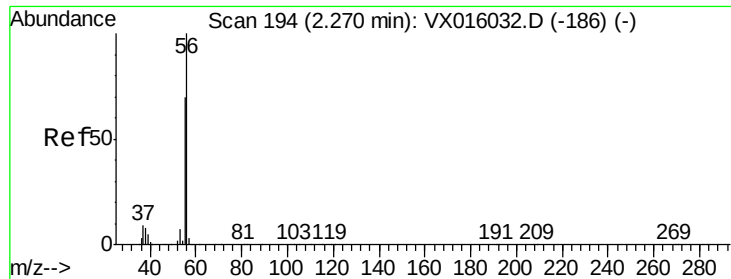


#12

1,1-Dichloroethene
Concen: 47.926 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016348.D
Acq: 19 May 2020 20:20

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.0	124.8	187.2
98	61.9	49.7	74.5





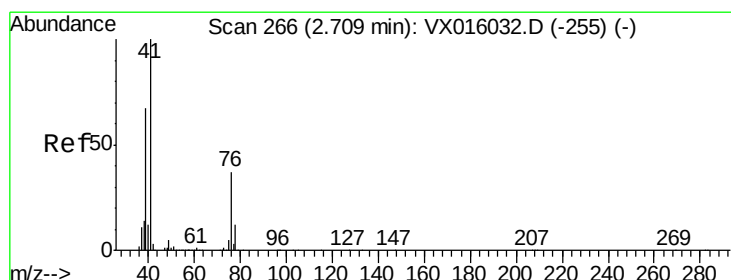
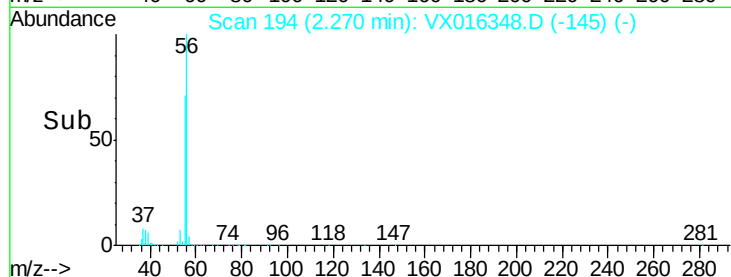
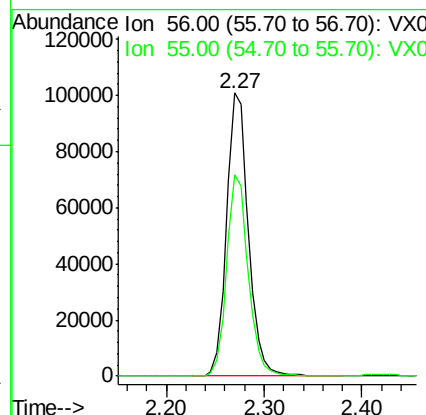
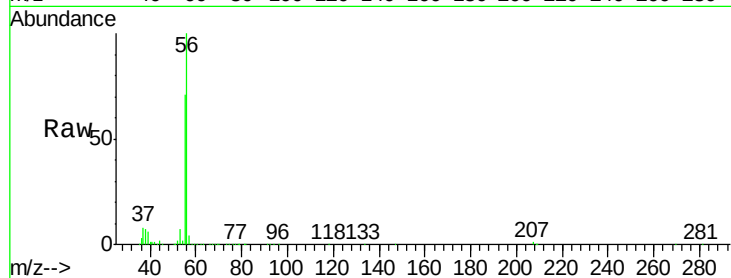
#13
Acrolein
Concen: 280.494 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.00 min
Lab File: VX016348.D
Acq: 19 May 2020 20:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
55	70.1	56.5	84.7	

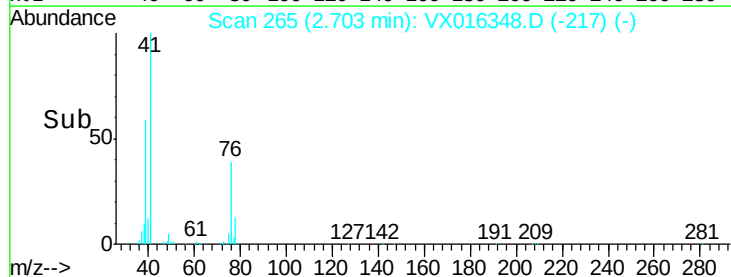
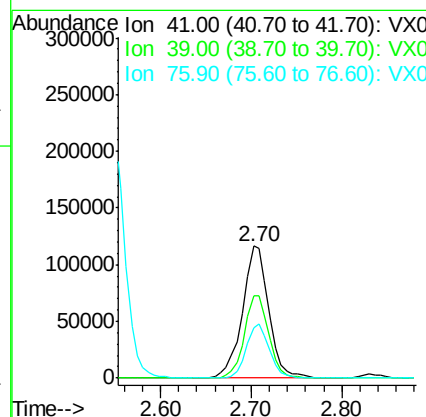
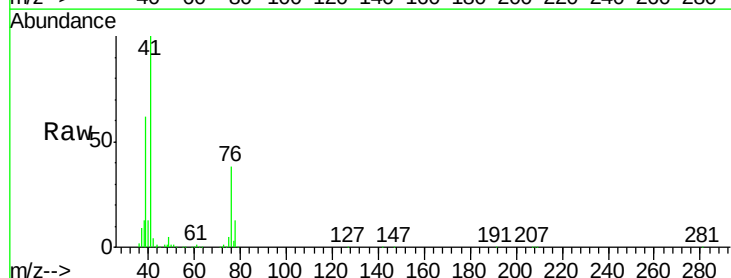
Manual Integrations
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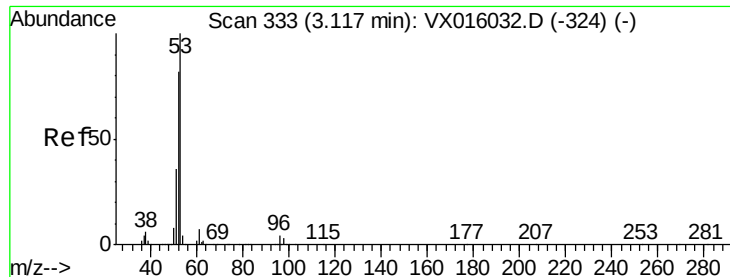
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#14
Allyl chloride
Concen: 45.895 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX016348.D
Acq: 19 May 2020 20:20

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	58.1	50.5	75.7	
76	35.6	26.6	40.0	





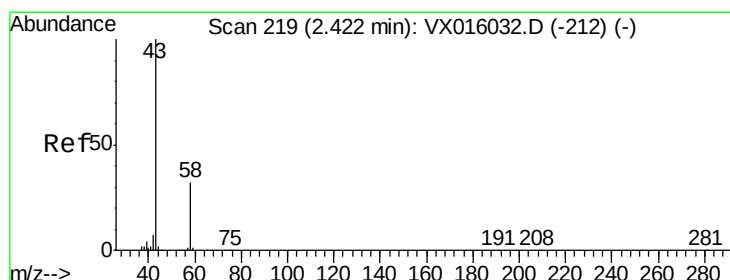
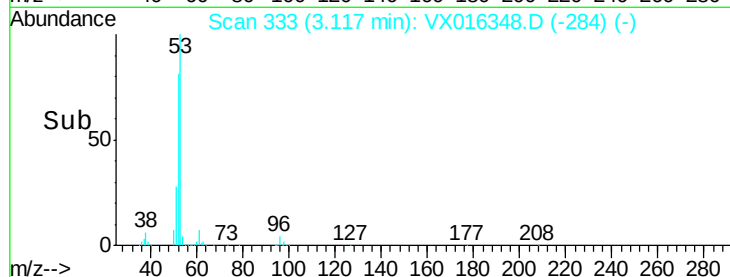
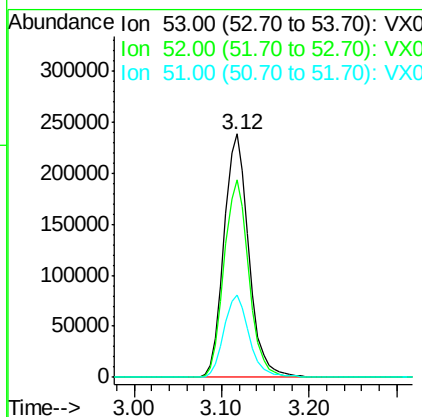
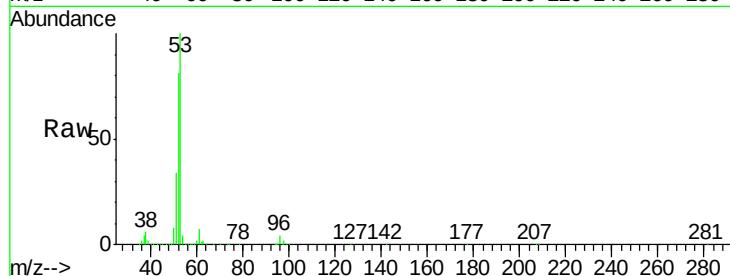
#15
 Acrylonitrile
 Concen: 256.047 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX016348.D
 Acq: 19 May 2020 20:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	53	Resp:	470487
Ion	Ratio	Lower	Upper
53	100		
52	81.3	66.1	99.1
51	34.6	28.8	43.2

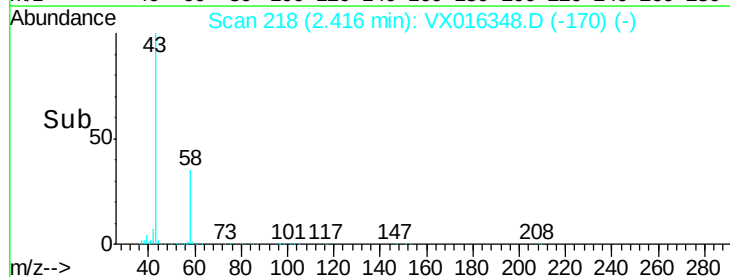
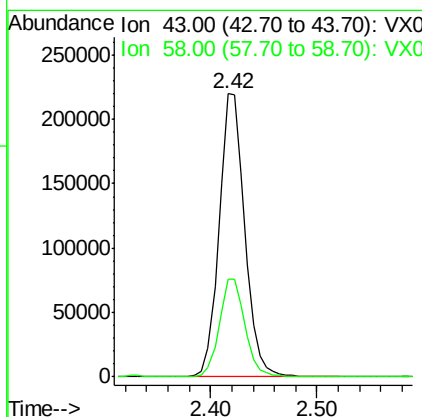
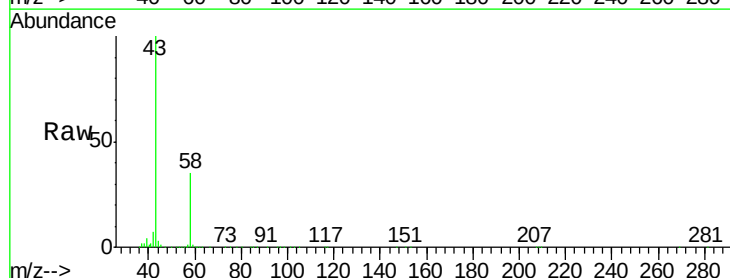
Manual Integrations
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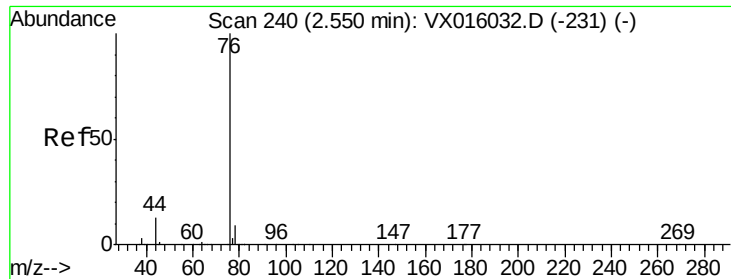
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#16
 Acetone
 Concen: 234.510 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VX016348.D
 Acq: 19 May 2020 20:20

Tgt Ion:	43	Resp:	366514
Ion	Ratio	Lower	Upper
43	100		
58	34.8	25.4	38.0





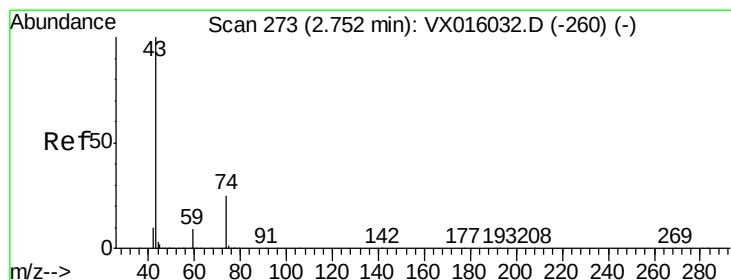
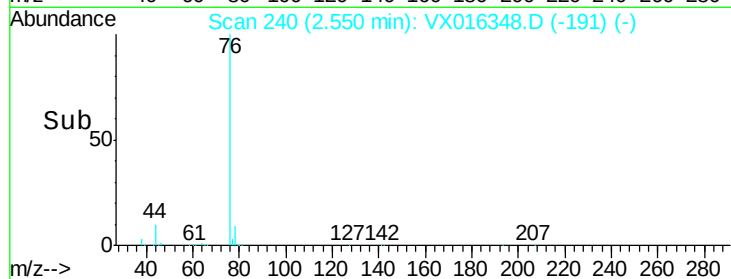
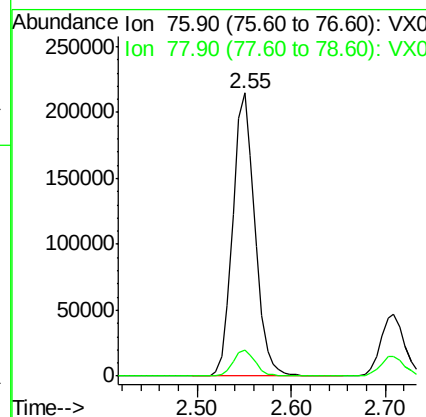
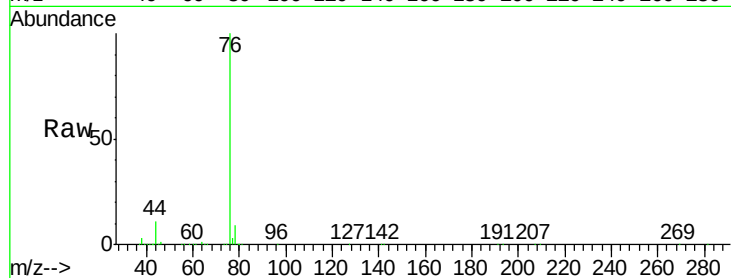
#17
Carbon Disulfide
Concen: 42.218 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016348.D
Acq: 19 May 2020 20:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.5	11.3

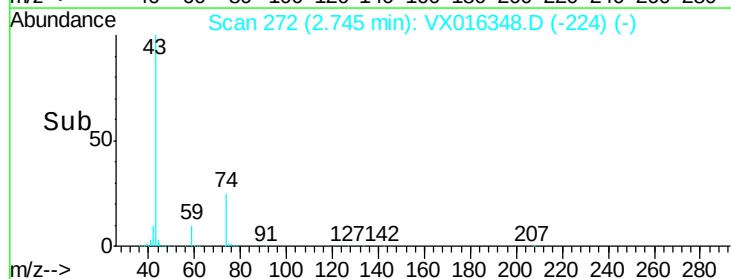
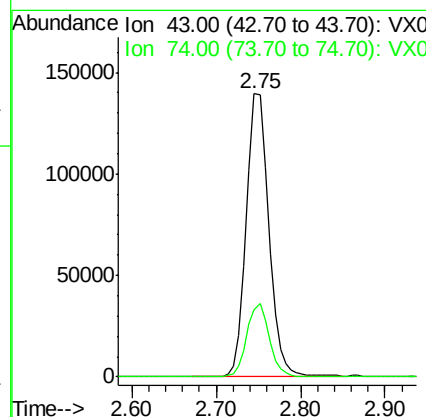
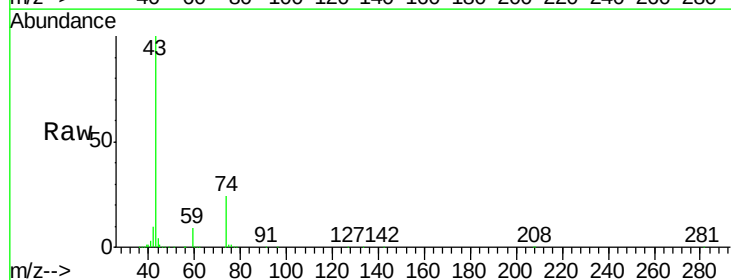
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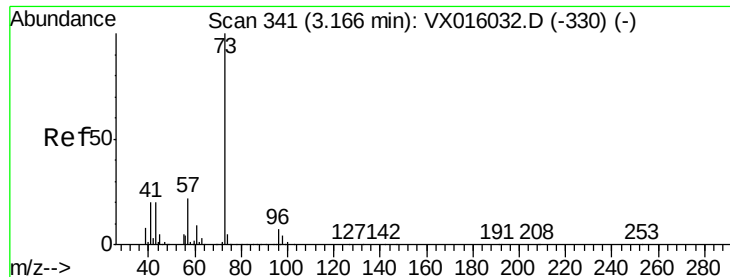
MMDadoda
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#18
Methyl Acetate
Concen: 65.365 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX016348.D
Acq: 19 May 2020 20:20

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.0	20.2	30.2





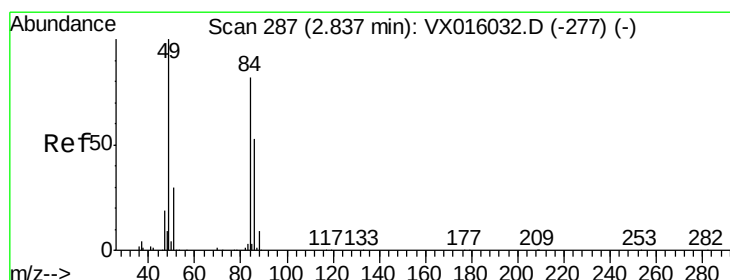
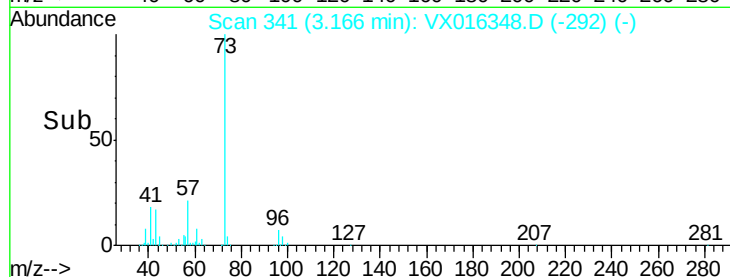
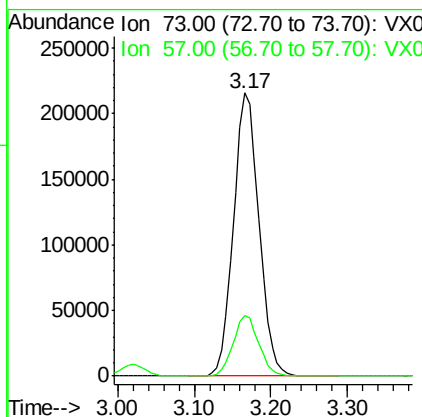
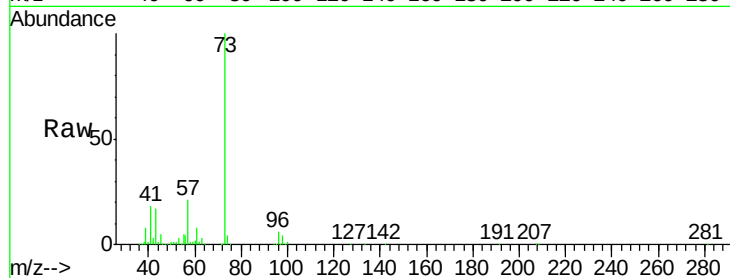
#19
Methyl tert-butyl Ether
Concen: 52.179 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016348.D
Acq: 19 May 2020 20:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.2	17.8	26.6

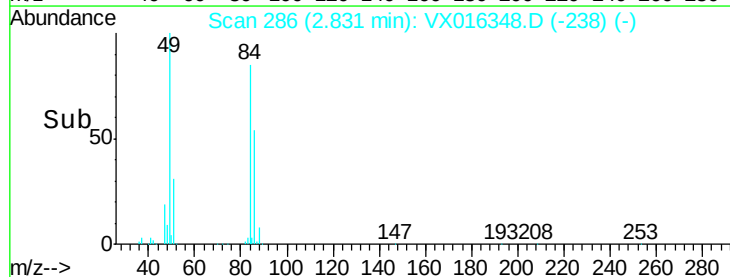
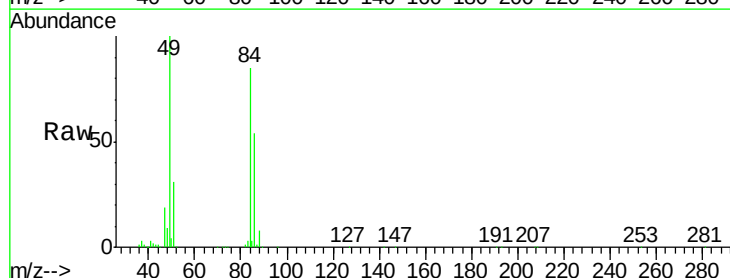
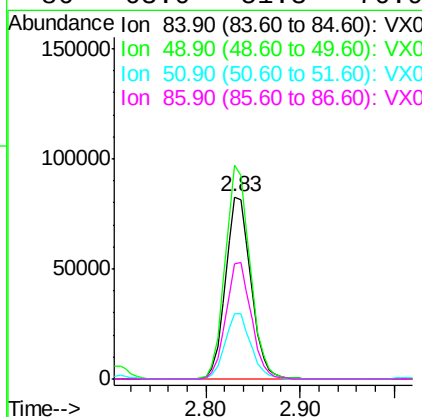
Manual Integrations
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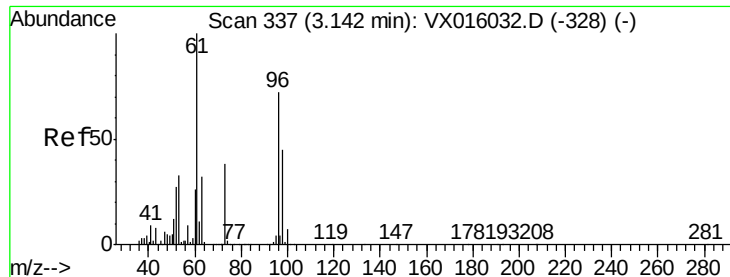
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#20
Methylene Chloride
Concen: 48.043 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016348.D
Acq: 19 May 2020 20:20

Tgt Ion	Ratio	Lower	Upper
84	100		
49	117.2	97.3	145.9
51	36.1	29.3	43.9
86	63.0	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 47.775 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016348.D

Acq: 19 May 2020 20:20

Instrument :

MSVOA_X

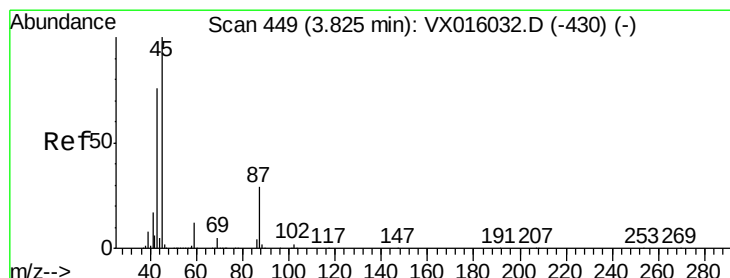
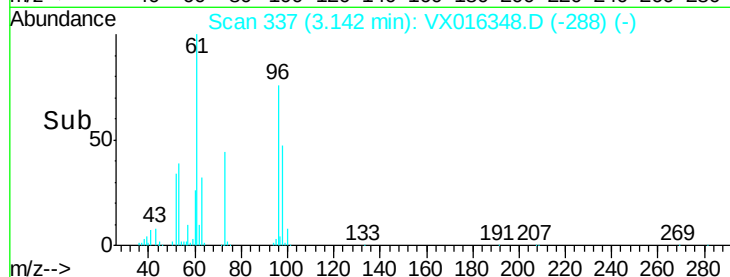
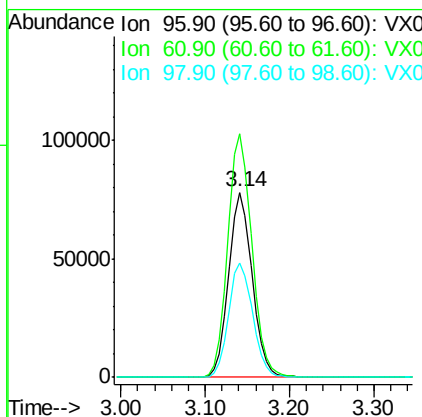
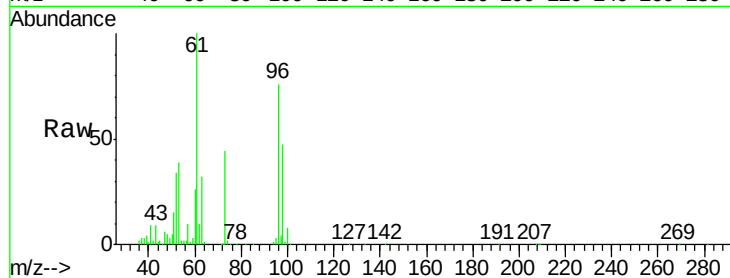
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	147314
Ion	Ratio	Lower	Upper
96	100		
61	131.6	111.2	166.8
98	61.9	50.2	75.4

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#22

Diisopropyl ether

Concen: 48.716 ug/l

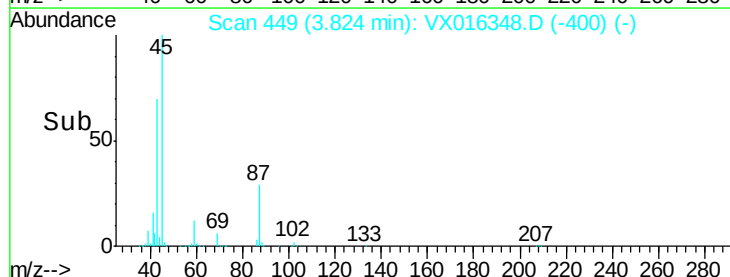
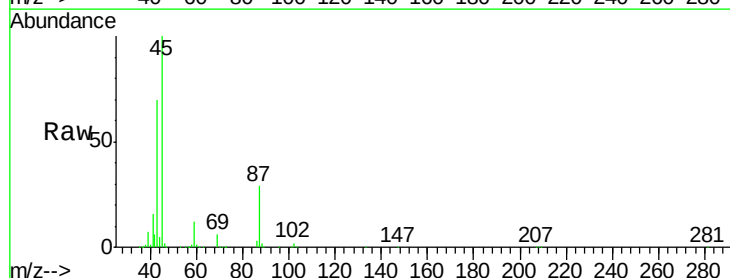
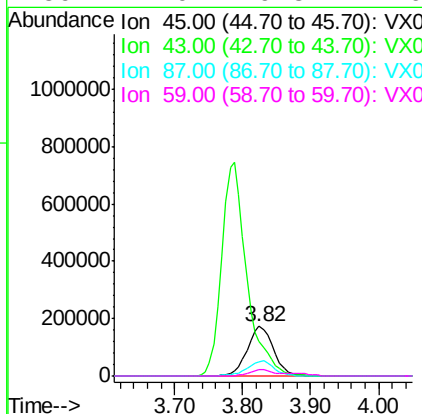
RT: 3.82 min Scan# 449

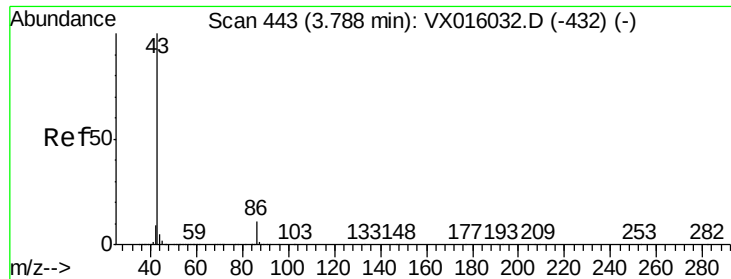
Delta R.T. -0.00 min

Lab File: VX016348.D

Acq: 19 May 2020 20:20

Tgt Ion:	45	Resp:	466287
Ion	Ratio	Lower	Upper
45	100		
43	69.9	61.1	91.7
87	29.1	23.0	34.6
59	12.0	9.8	14.6





#23

Vinyl Acetate

Concen: 226.536 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016348.D

Acq: 19 May 2020 20:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1907623

Ion Ratio Lower Upper

43 100

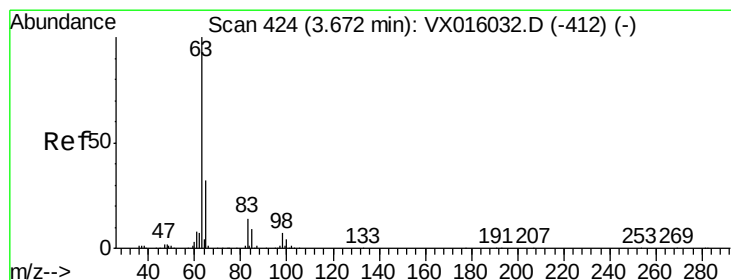
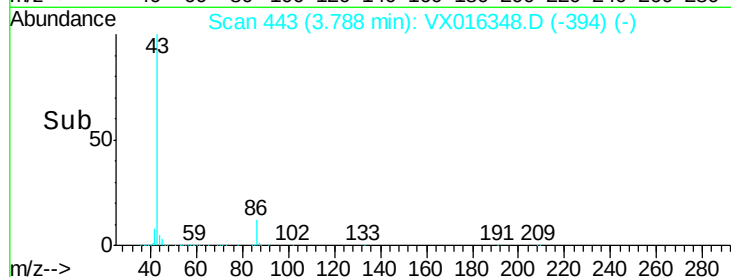
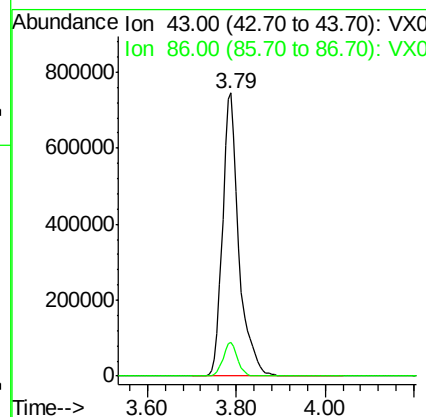
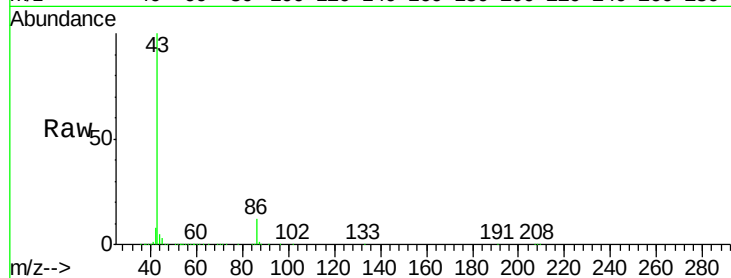
86 12.1 9.0 13.4

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 50.695 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016348.D

Acq: 19 May 2020 20:20

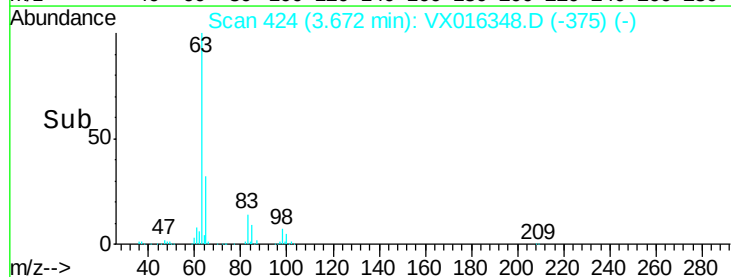
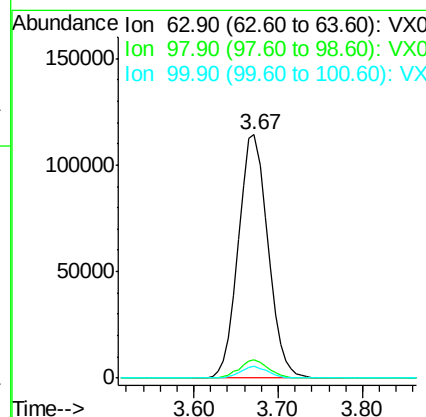
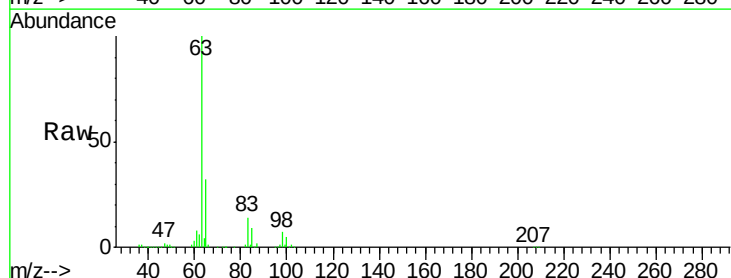
Tgt Ion: 63 Resp: 271432

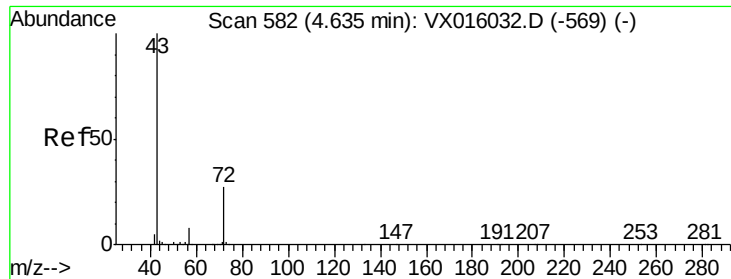
Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.5

100 4.8 2.1 6.5





#25

2-Butanone

Concen: 250.287 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016348.D

Acq: 19 May 2020 20:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 630336

Ion Ratio Lower Upper

43 100

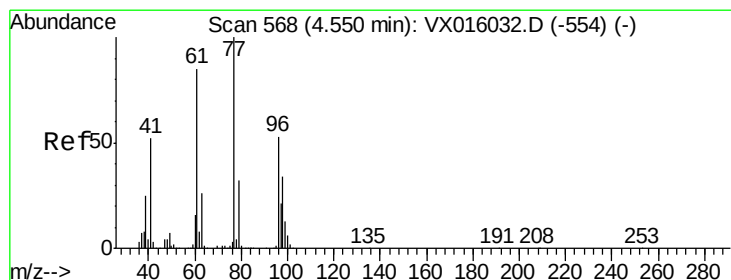
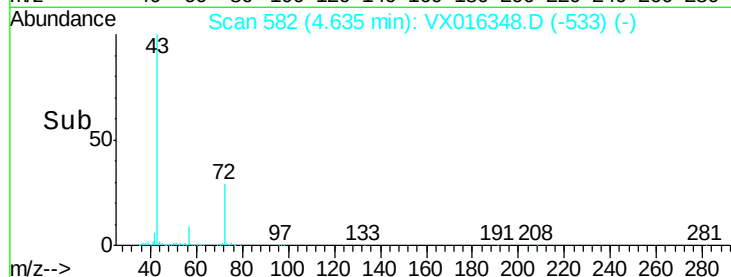
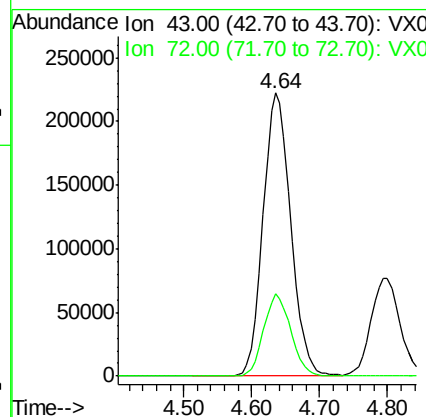
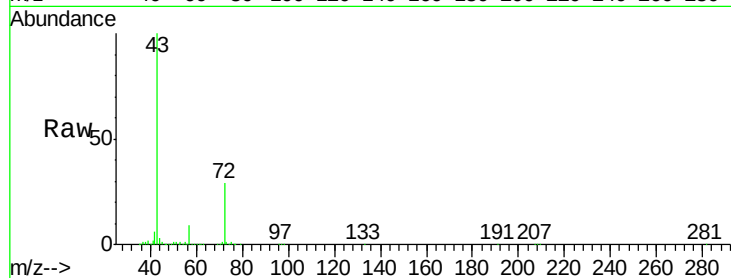
72 29.3 21.8 32.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 42.483 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016348.D

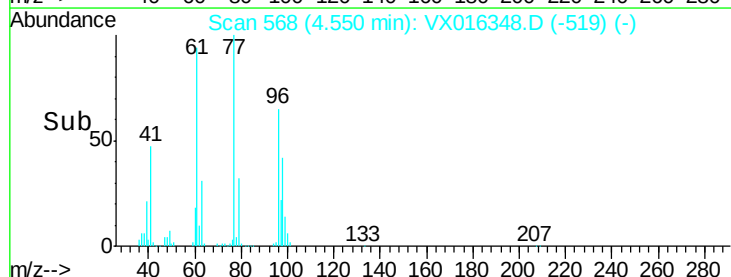
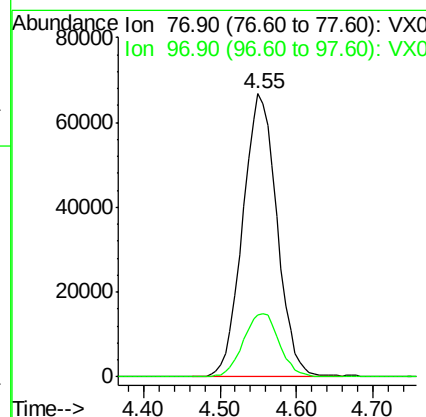
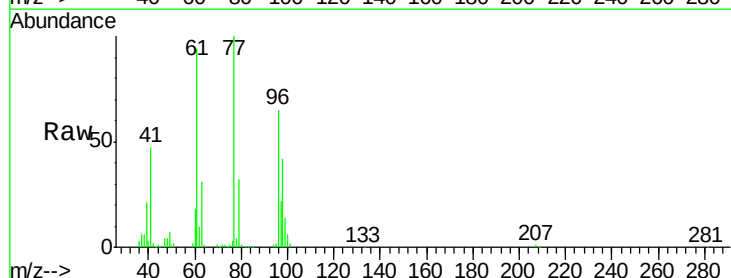
Acq: 19 May 2020 20:20

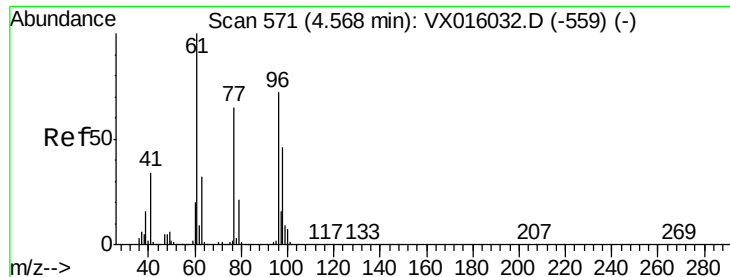
Tgt Ion: 77 Resp: 207733

Ion Ratio Lower Upper

77 100

97 23.4 11.2 33.6





#27

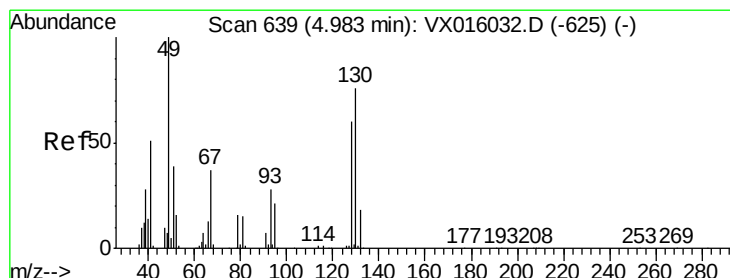
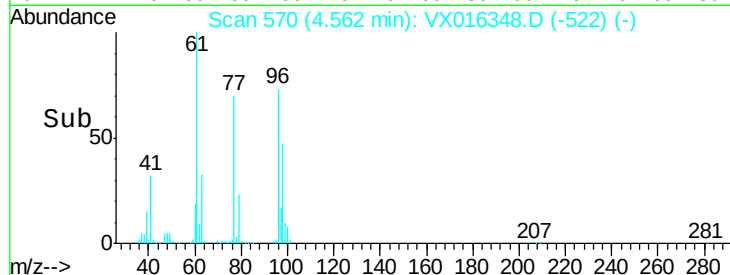
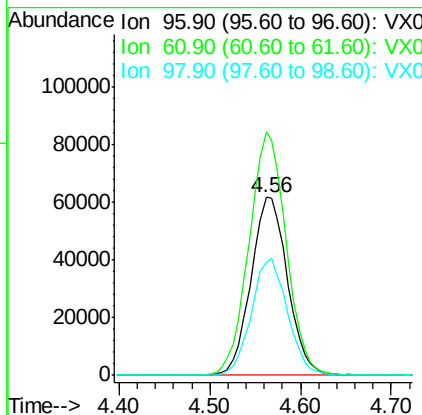
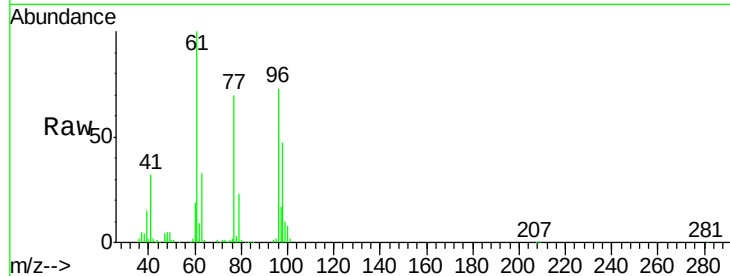
cis-1,2-Dichloroethene
 Concen: 51.024 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: VX016348.D
 Acq: 19 May 2020 20:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	172003		
61	139.1	0.0	296.2	
98	64.9	0.0	129.4	

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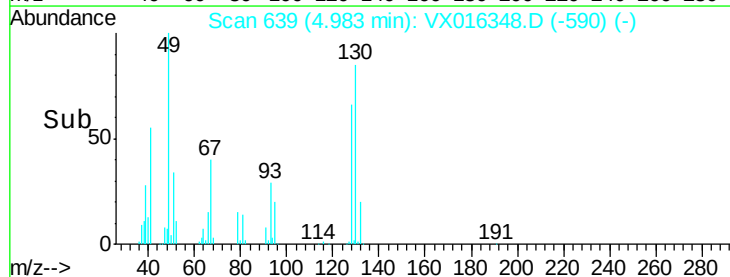
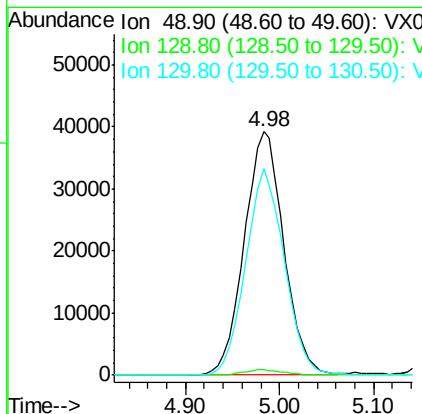
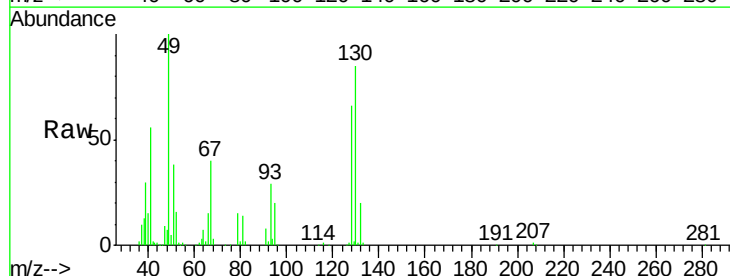
MMDadoda
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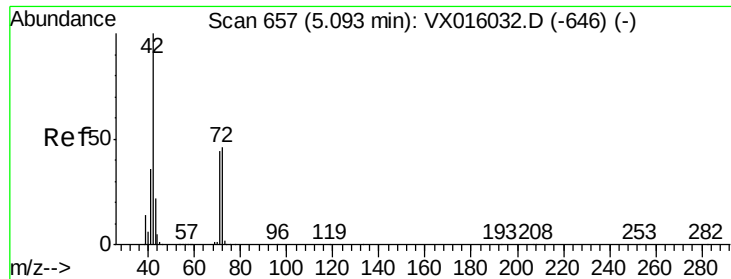


#28

Bromochloromethane
 Concen: 47.273 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: VX016348.D
 Acq: 19 May 2020 20:20

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	115415		
129	2.2	0.0	4.0	
130	83.2	62.4	93.6	





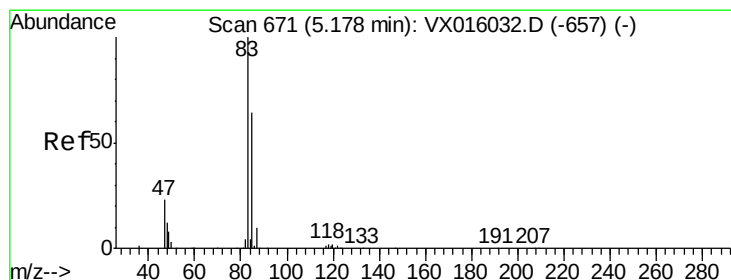
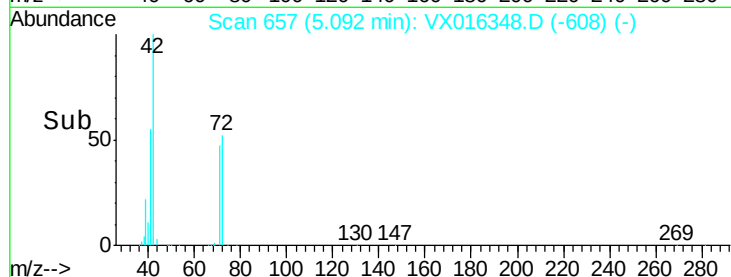
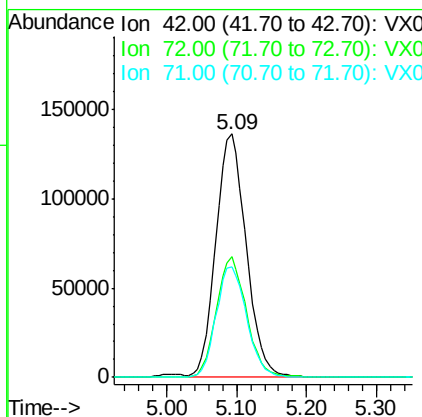
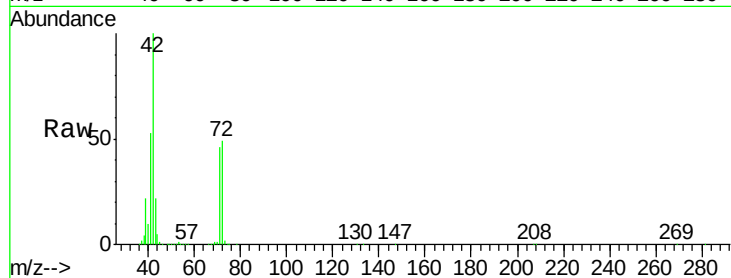
#29
Tetrahydrofuran
Concen: 245.930 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX016348.D
Acq: 19 May 2020 20:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.4	37.1	55.7
71	46.0	34.5	51.7

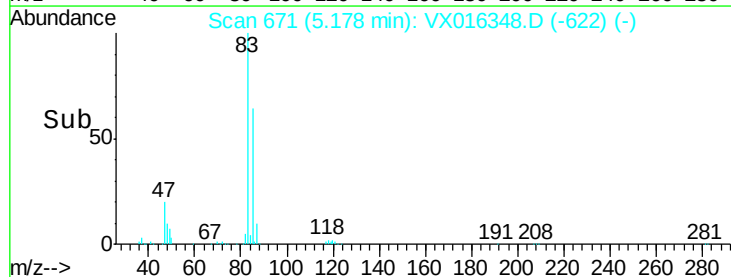
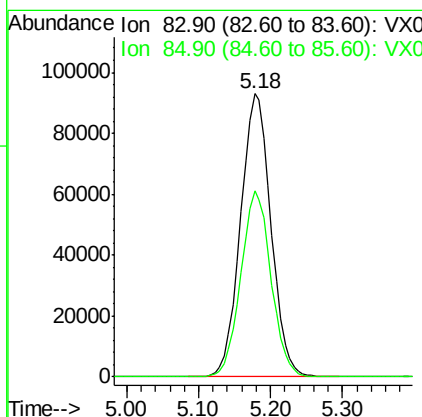
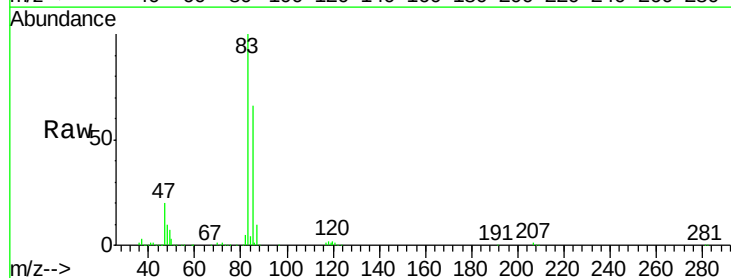
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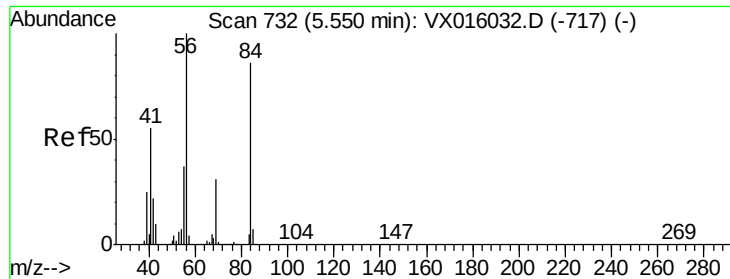
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#30
Chloroform
Concen: 51.126 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016348.D
Acq: 19 May 2020 20:20

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.8	51.6	77.4





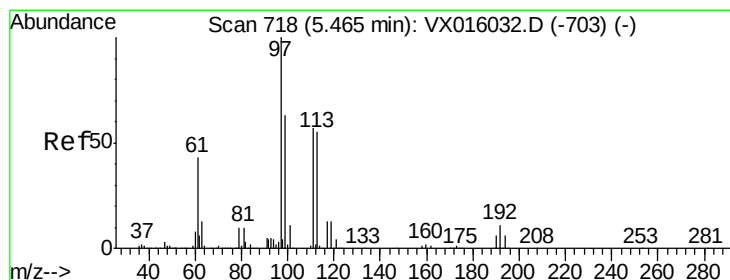
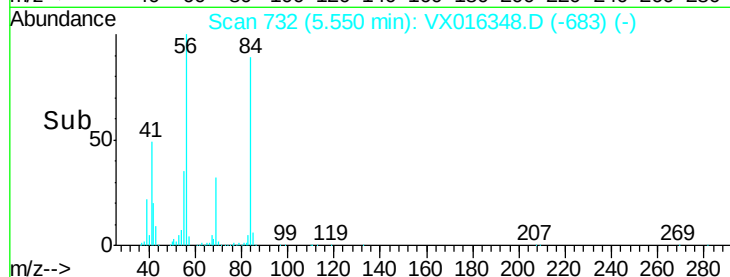
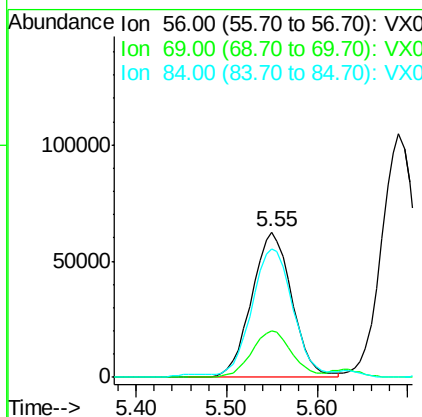
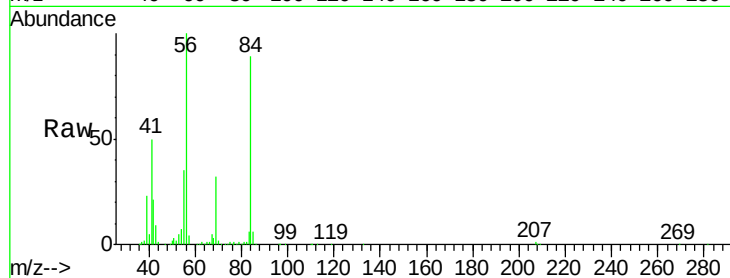
#31
Cyclohexane
Concen: 39.454 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016348.D
Acq: 19 May 2020 20:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.9	25.0	37.6
84	86.8	69.0	103.6

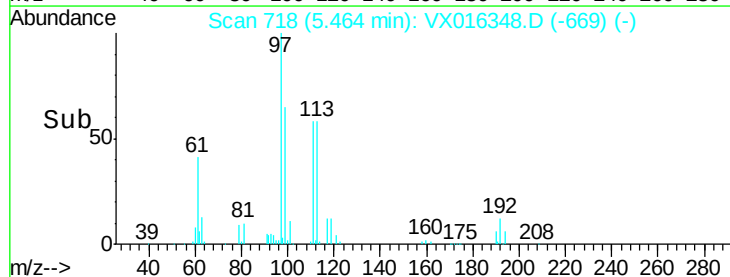
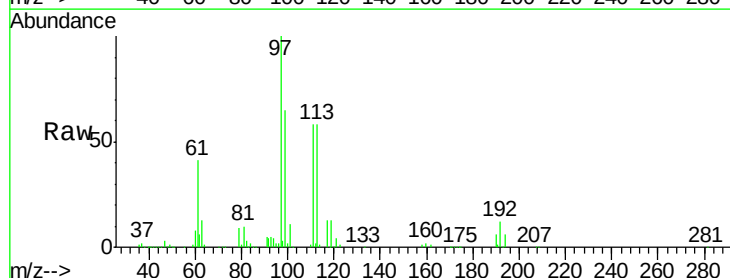
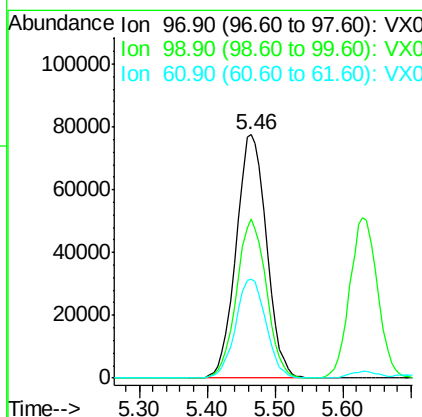
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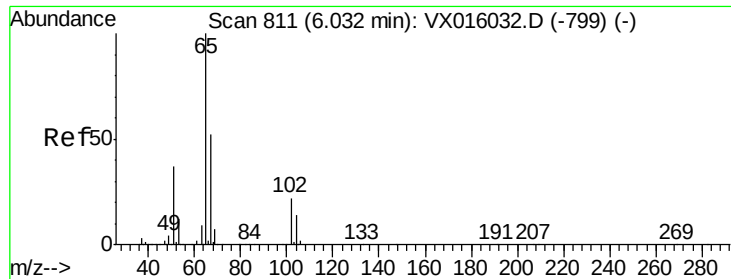
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#32
1,1,1-Trichloroethane
Concen: 49.653 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016348.D
Acq: 19 May 2020 20:20

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.0	76.4
61	40.7	34.5	51.7





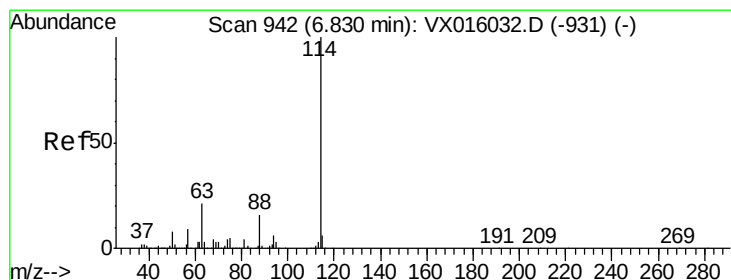
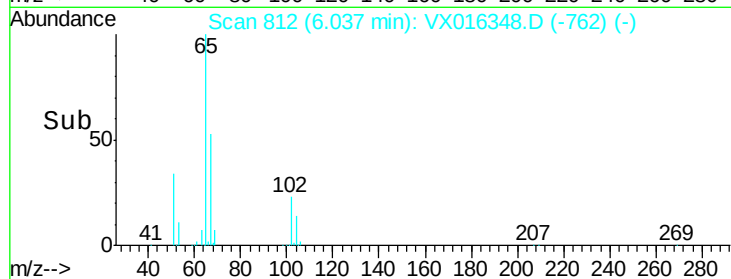
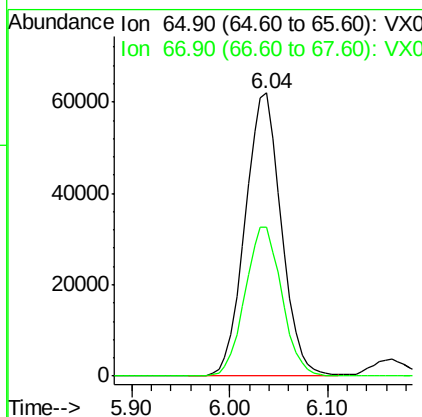
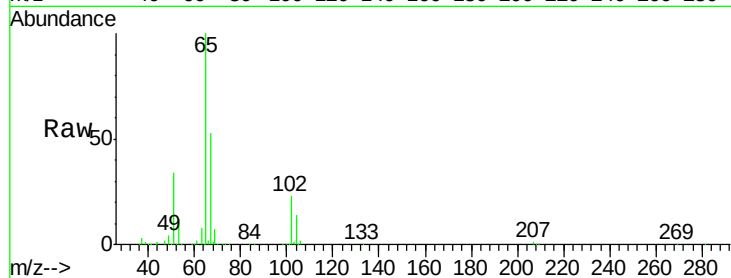
#33
 1,2-Dichloroethane-d4
 Concen: 45.617 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: VX016348.D
 Acq: 19 May 2020 20:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.9	0.0	104.8	

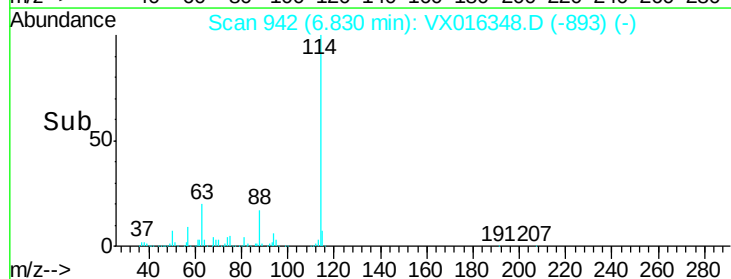
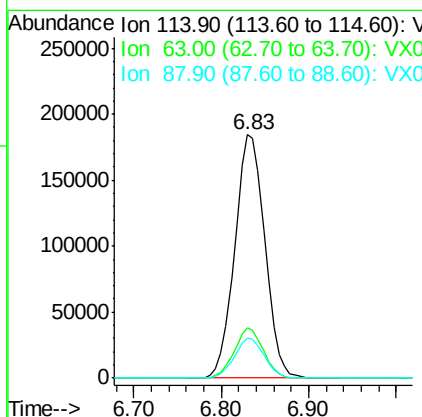
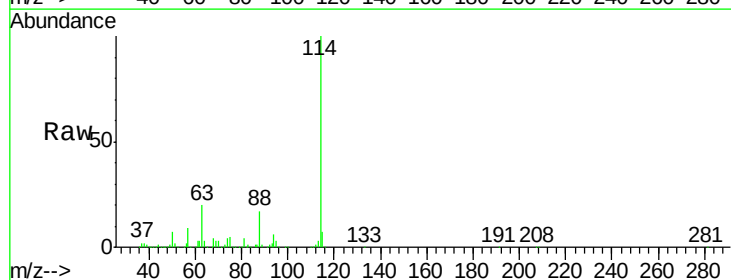
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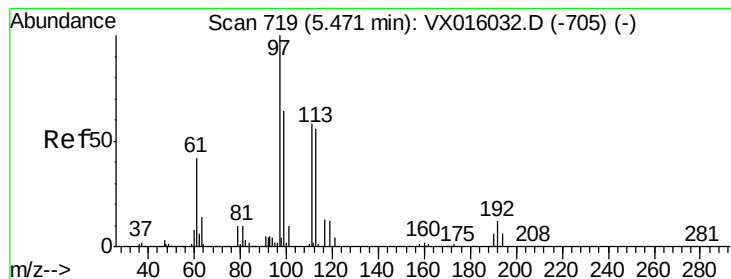
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016348.D
 Acq: 19 May 2020 20:20

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.5	0.0	42.8	
88	16.7	0.0	31.4	





#35

Dibromofluoromethane

Concen: 46.989 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016348.D

Acq: 19 May 2020 20:20

Instrument :

MSVOA_X

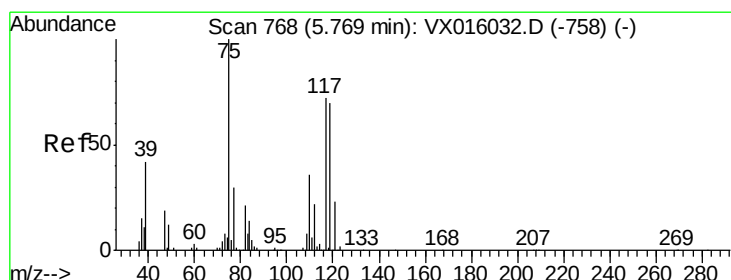
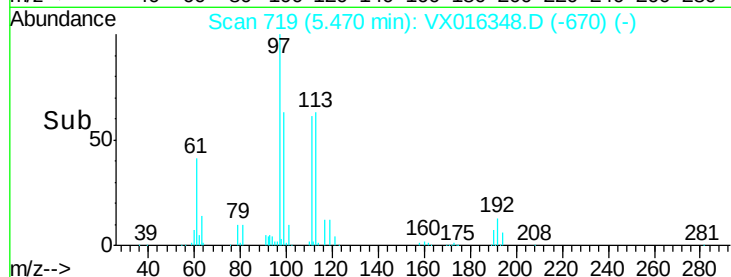
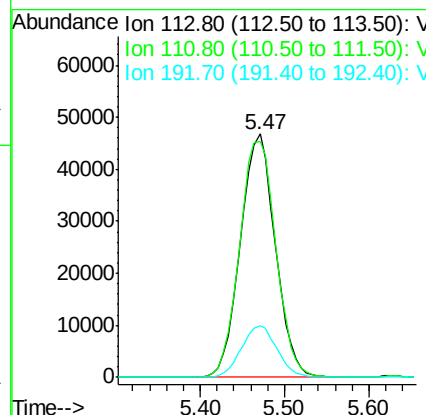
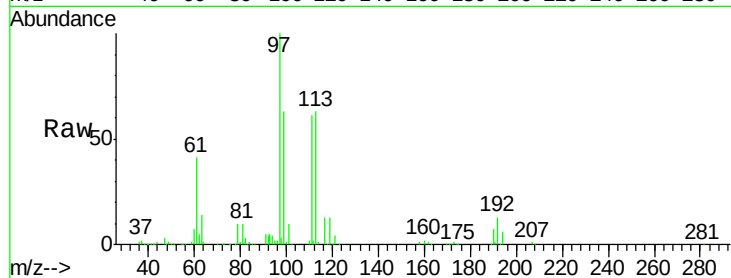
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	131139
Ion Ratio	Lower	Upper	
113	100		
111	101.6	81.6	122.4
192	21.6	17.0	25.4

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#36

1,1-Dichloropropene

Concen: 45.643 ug/l

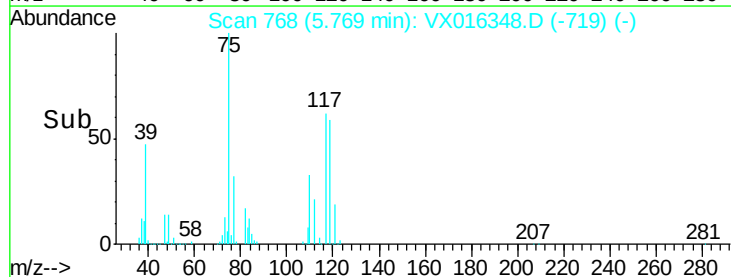
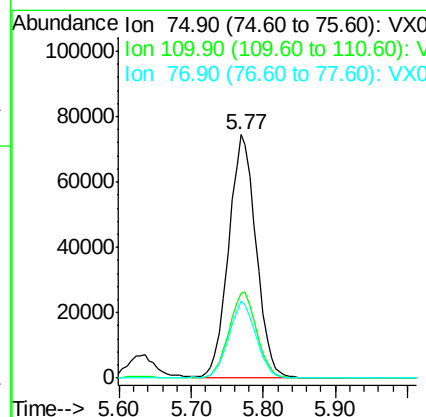
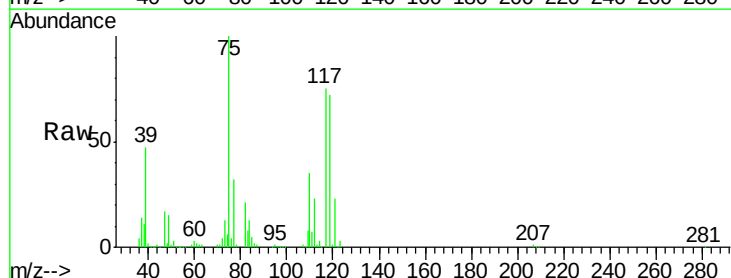
RT: 5.77 min Scan# 768

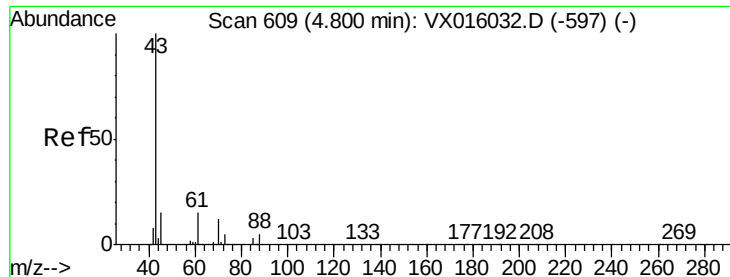
Delta R.T. -0.00 min

Lab File: VX016348.D

Acq: 19 May 2020 20:20

Tgt Ion:	75	Resp:	197920
Ion Ratio	Lower	Upper	
75	100		
110	35.7	18.1	54.1
77	31.0	25.0	37.6





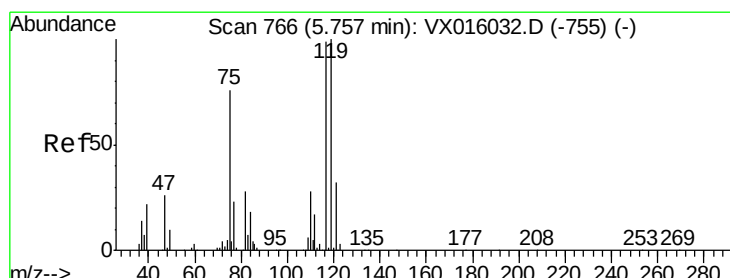
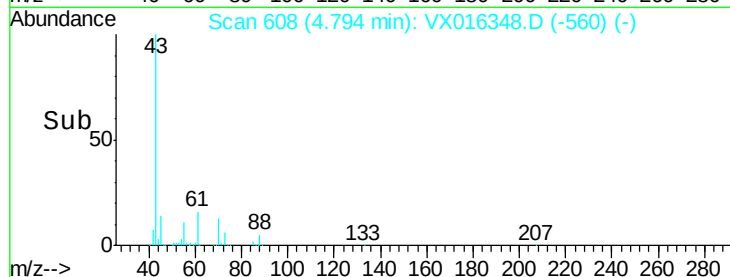
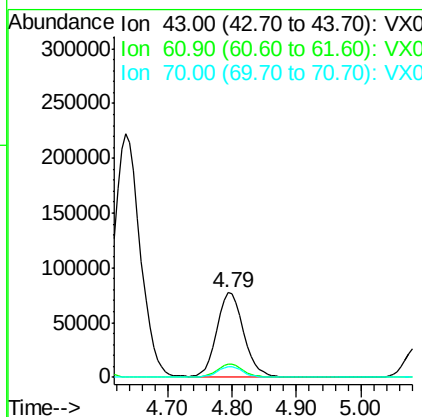
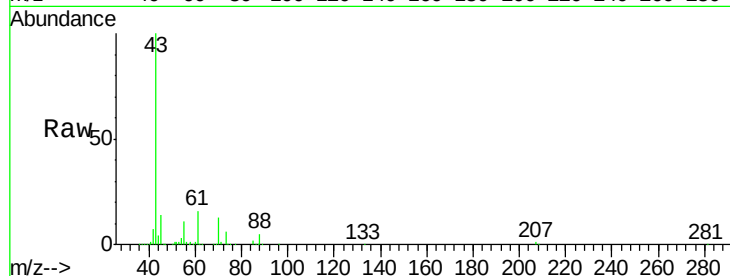
#37
Ethyl Acetate
Concen: 45.792 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX016348.D
Acq: 19 May 2020 20:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	43	Resp:	230142
Ion	Ratio	Lower	Upper
43	100		
61	15.4	11.7	17.5
70	12.5	9.3	13.9

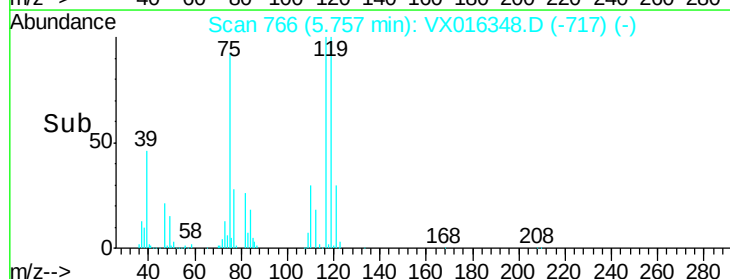
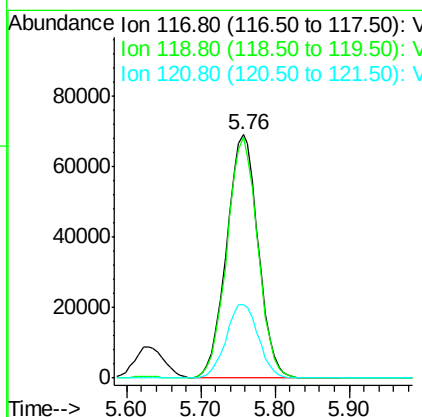
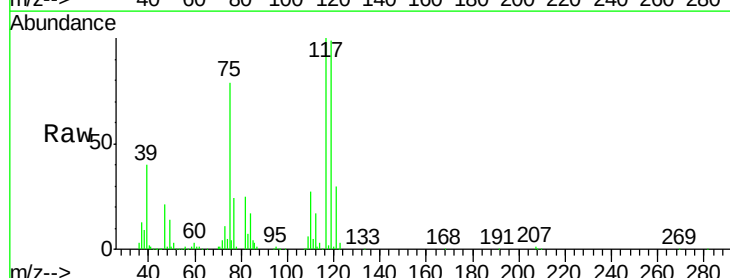
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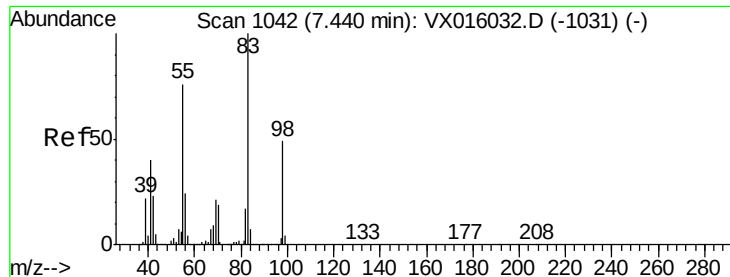
MMDadoda
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#38
Carbon Tetrachloride
Concen: 46.438 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016348.D
Acq: 19 May 2020 20:20

Tgt Ion:	117	Resp:	204676
Ion	Ratio	Lower	Upper
117	100		
119	98.8	80.3	120.5
121	29.9	25.7	38.5





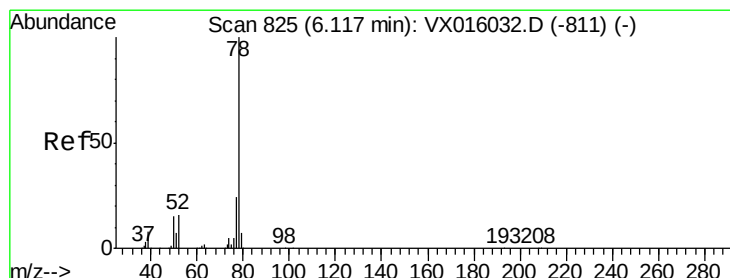
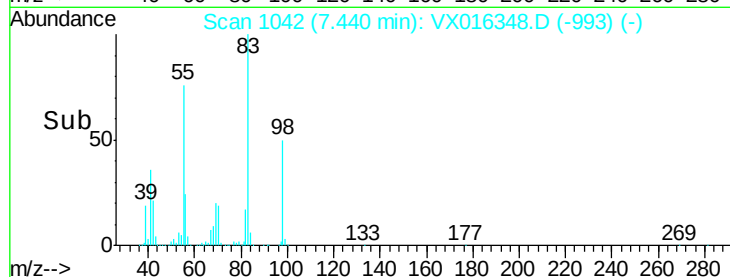
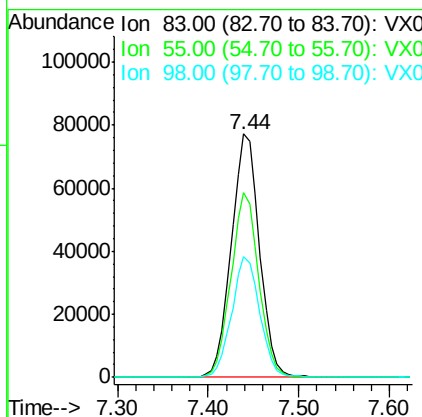
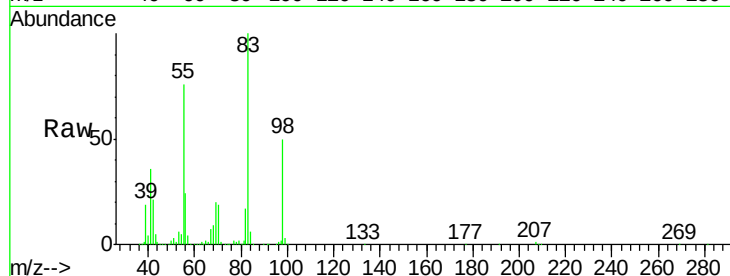
#39
Methylvlcyclohexane
Concen: 31.838 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016348.D
Acq: 19 May 2020 20:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.7	61.1	91.7
98	49.6	39.0	58.4

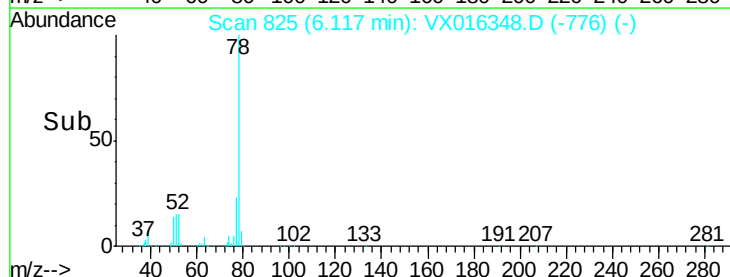
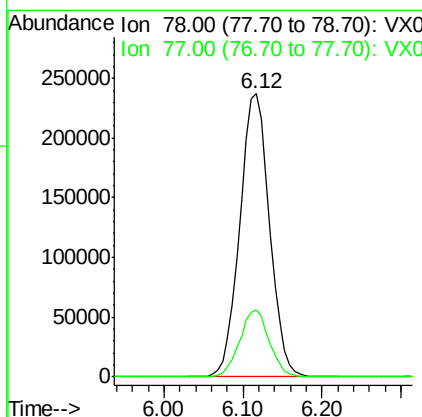
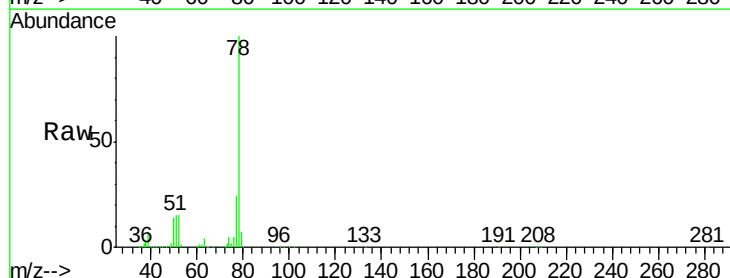
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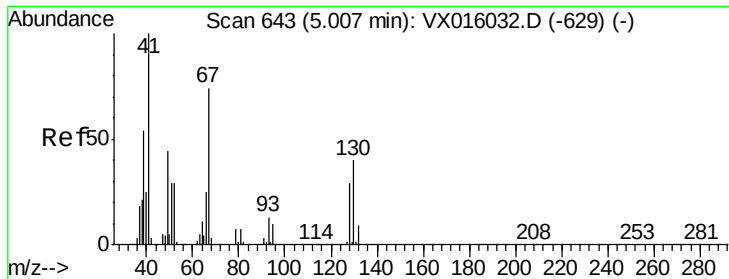
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#40
Benzene
Concen: 49.039 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016348.D
Acq: 19 May 2020 20:20

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.0	28.4





#41

Methacrylonitrile

Concen: 47.263 ug/l

RT: 5.01 min Scan# 643

Delta R.T. -0.00 min

Lab File: VX016348.D

Acq: 19 May 2020 20:20

Instrument :

MSVOA_X

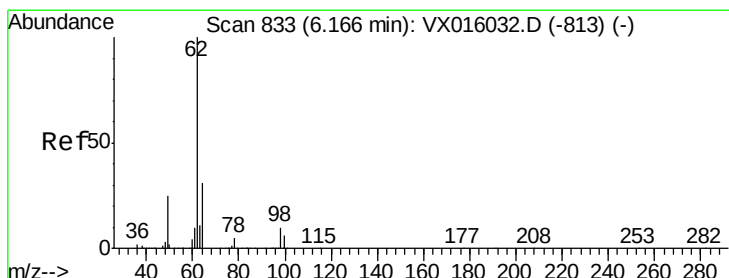
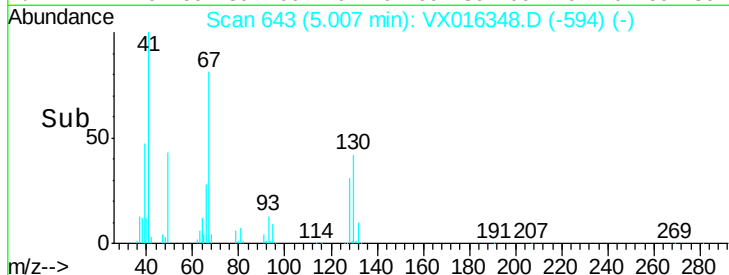
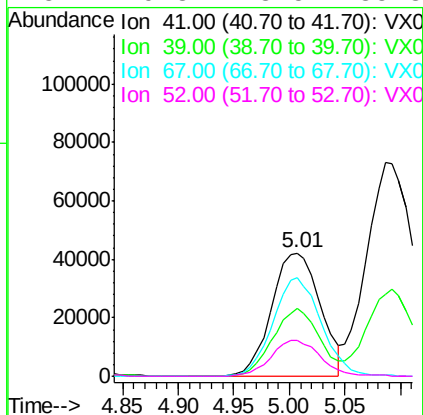
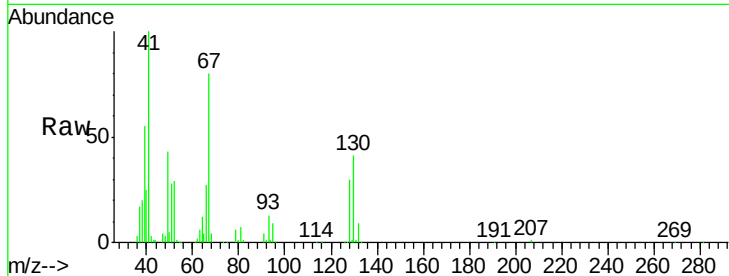
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	51.8	43.2	64.8	
67	79.5	59.3	88.9	
52	29.8	23.5	35.3	

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#42

1,2-Dichloroethane

Concen: 46.415 ug/l

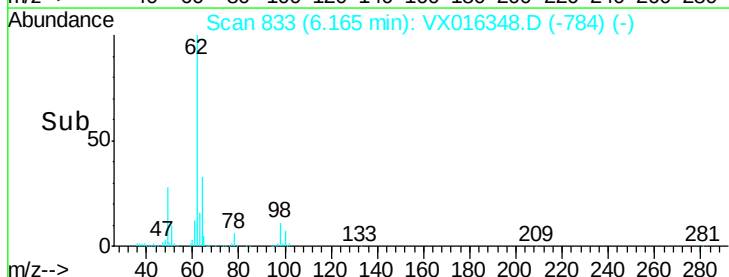
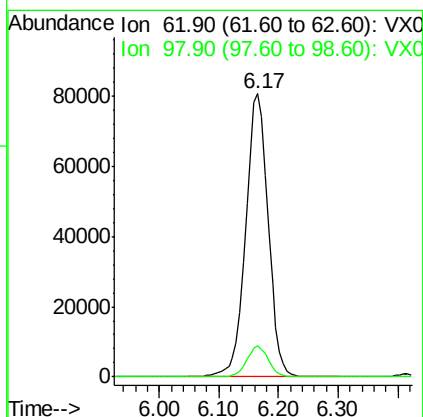
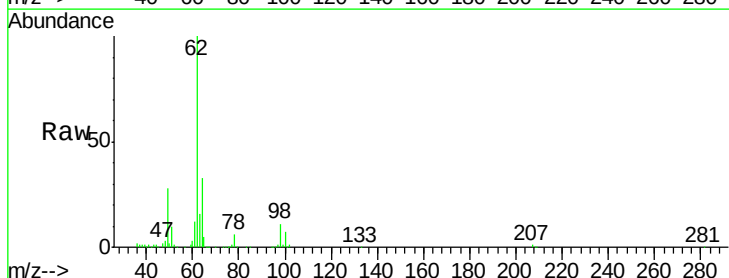
RT: 6.17 min Scan# 833

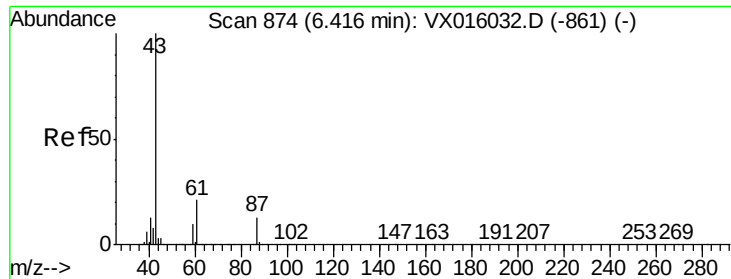
Delta R.T. -0.00 min

Lab File: VX016348.D

Acq: 19 May 2020 20:20

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.5	0.0	19.4	





#43

Isopropyl Acetate

Concen: 45.737 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX016348.D

Acq: 19 May 2020 20:20

Instrument :

MSVOA_X

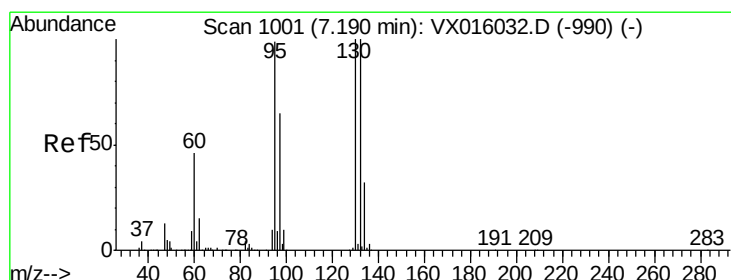
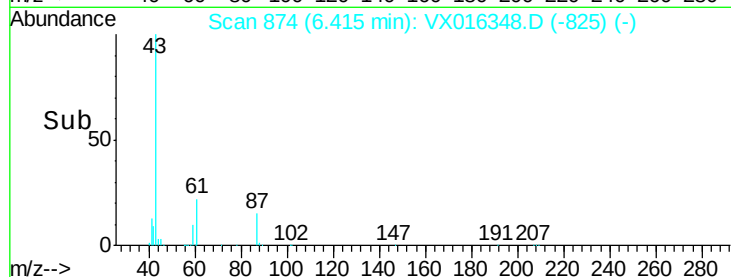
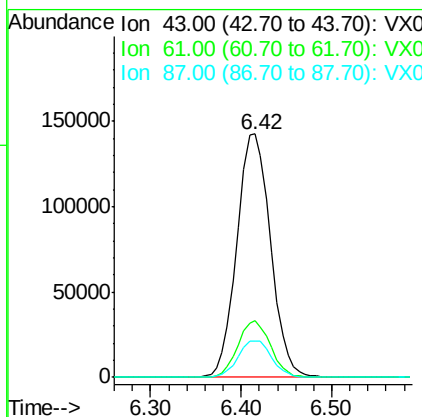
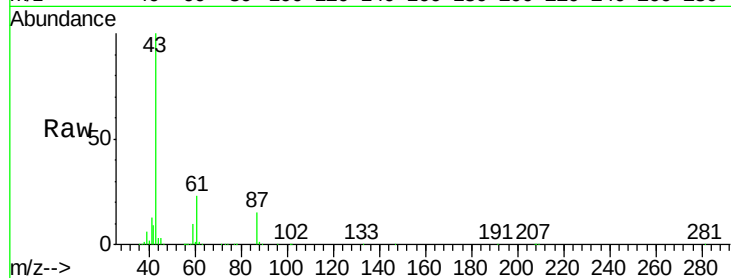
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	366762
Ion	Ratio	Lower	Upper
43	100		
61	22.7	17.0	25.4
87	15.1	11.0	16.6

Manual Integrations
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#44

Trichloroethene

Concen: 42.834 ug/l

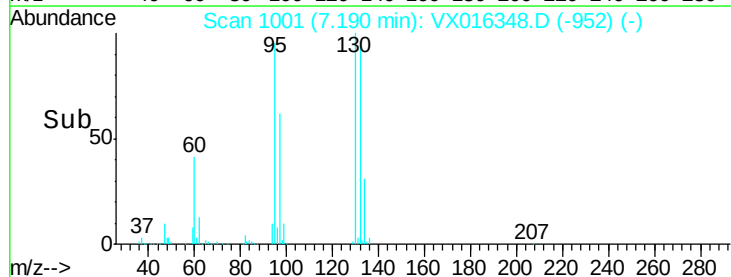
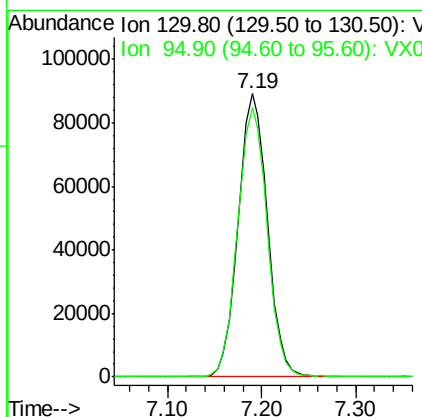
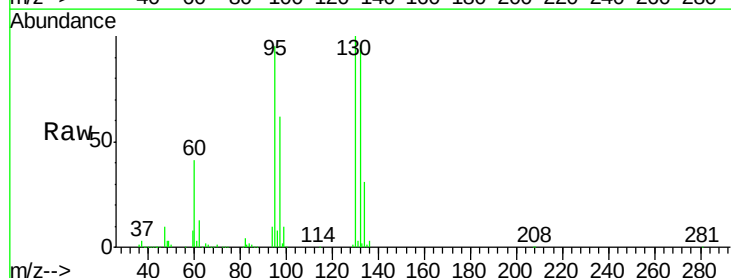
RT: 7.19 min Scan# 1001

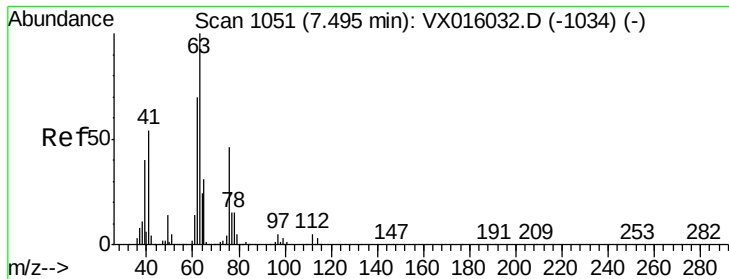
Delta R.T. -0.00 min

Lab File: VX016348.D

Acq: 19 May 2020 20:20

Tgt Ion:	130	Resp:	193073
Ion	Ratio	Lower	Upper
130	100		
95	95.2	0.0	197.4





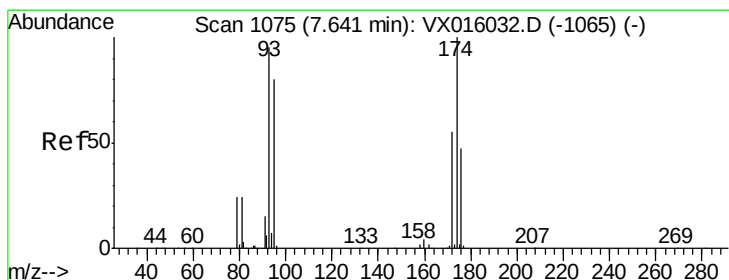
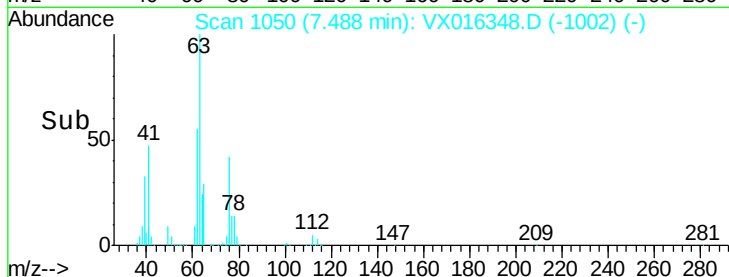
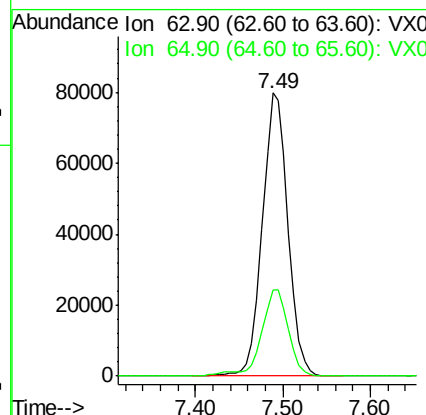
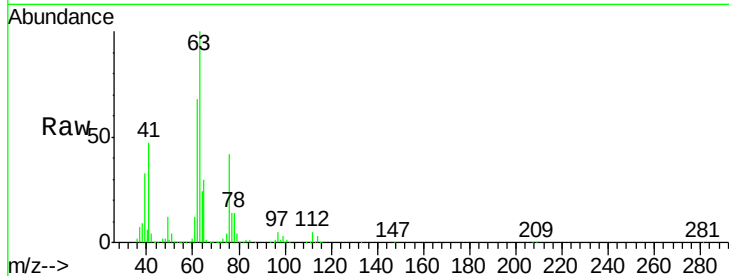
#45
 1,2-Dichloropropane
 Concen: 50.488 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VX016348.D
 Acq: 19 May 2020 20:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.3	24.4	36.6

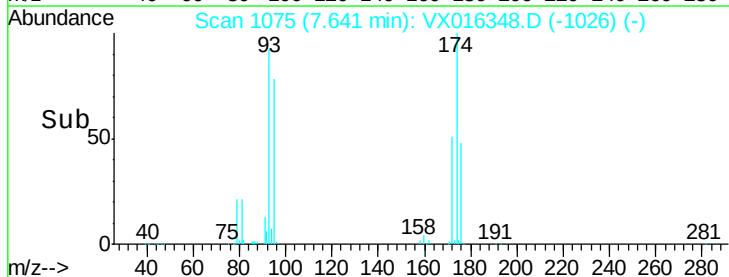
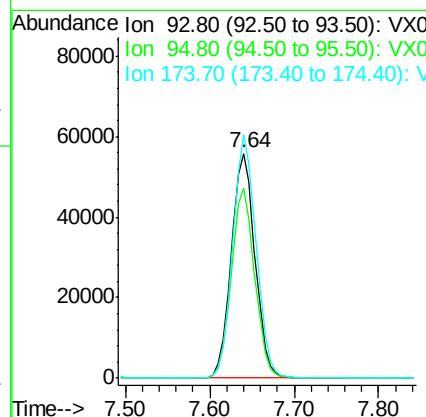
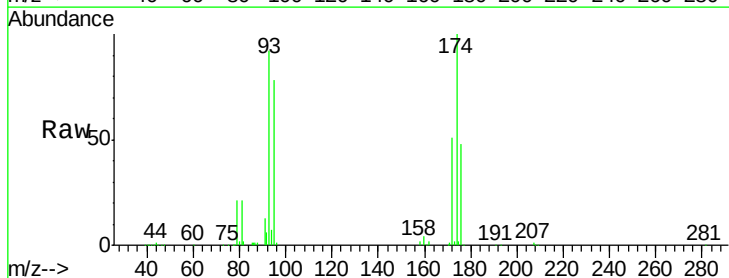
Manual Integrations
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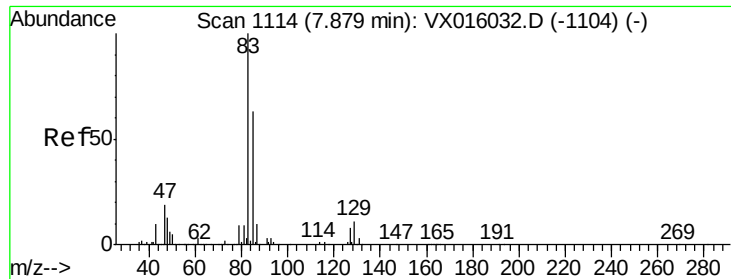
MMDadoda
 5/21/2020 1:12:04 PM



#46
 Dibromomethane
 Concen: 49.163 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX016348.D
 Acq: 19 May 2020 20:20

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.2	66.6	100.0
174	106.5	84.2	126.4





#47

Bromodichloromethane

Concen: 50.391 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016348.D

Acq: 19 May 2020 20:20

Instrument :

MSVOA_X

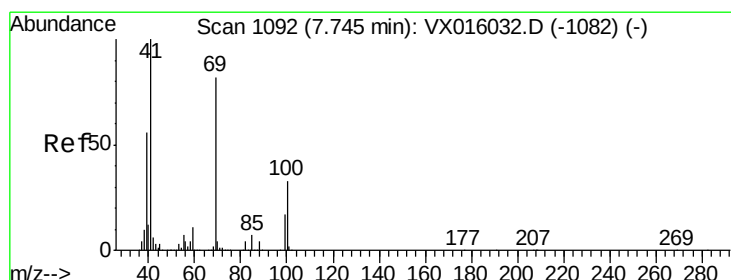
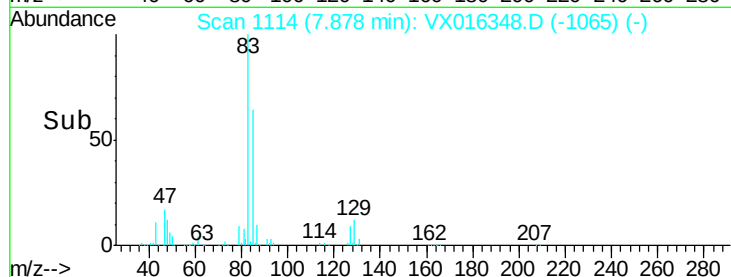
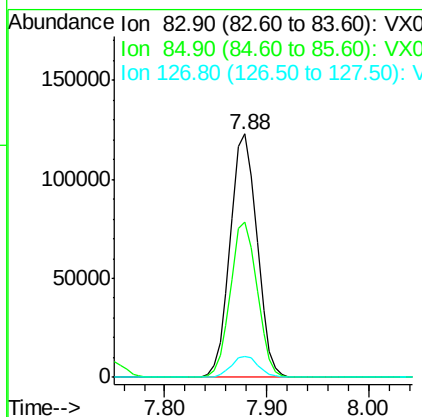
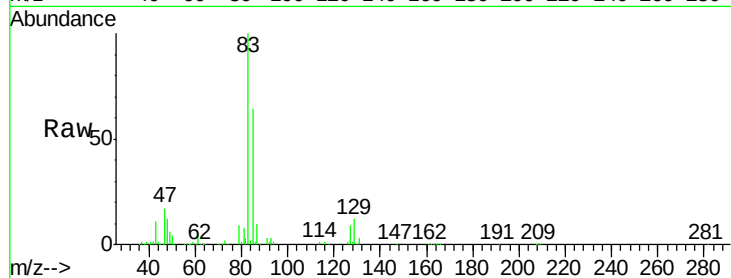
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	223908
Ion Ratio	Lower	Upper	
83	100		
85	63.8	50.5	75.7
127	8.7	6.7	10.1

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#48

Methyl methacrylate

Concen: 47.367 ug/l

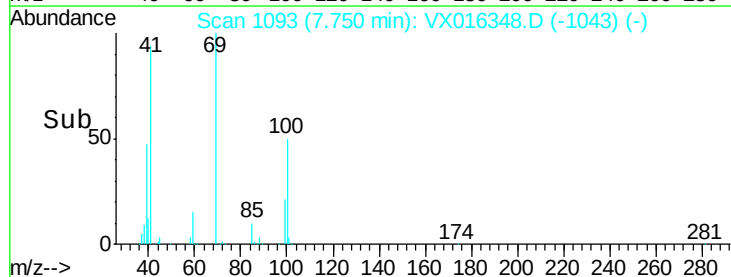
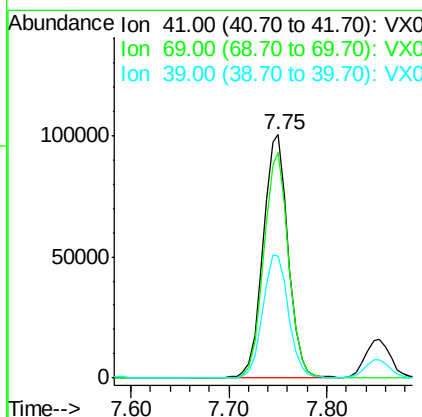
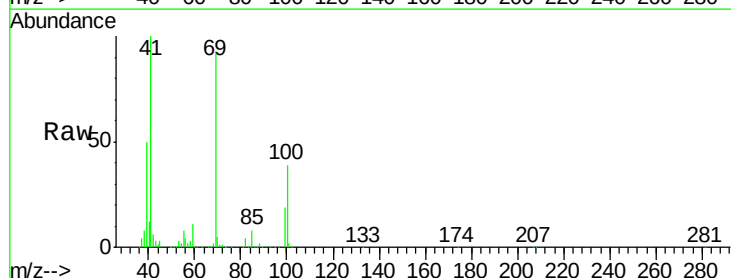
RT: 7.75 min Scan# 1093

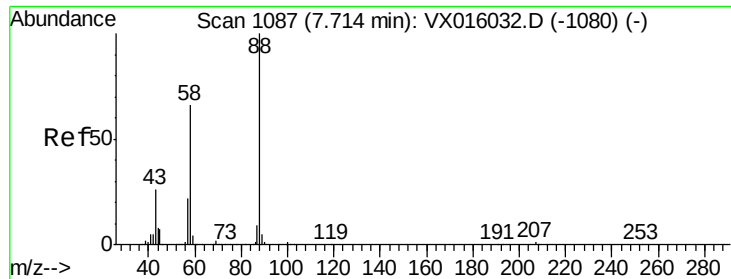
Delta R.T. 0.01 min

Lab File: VX016348.D

Acq: 19 May 2020 20:20

Tgt Ion:	41	Resp:	179981
Ion Ratio	Lower	Upper	
41	100		
69	91.3	67.8	101.6
39	51.8	44.6	67.0





#49

1,4-Dioxane

Concen: 906.302 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016348.D

Acq: 19 May 2020 20:20

Instrument :

MSVOA_X

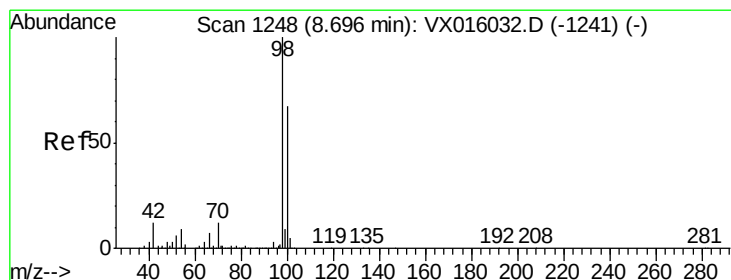
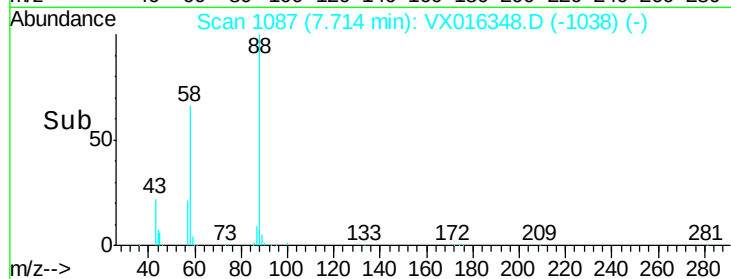
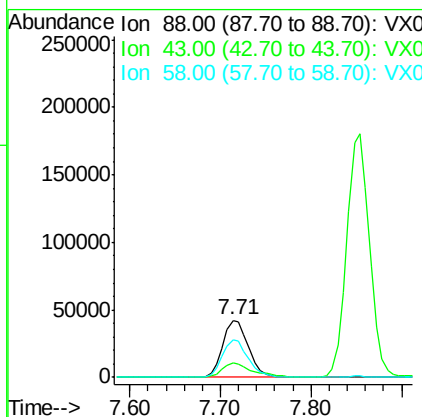
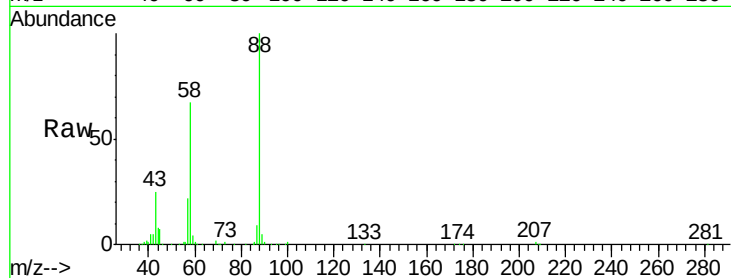
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	82592
Ion	Ratio	Lower	Upper
88	100		
43	28.7	25.3	37.9
58	68.1	55.9	83.9

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#50

Toluene-d8

Concen: 45.988 ug/l

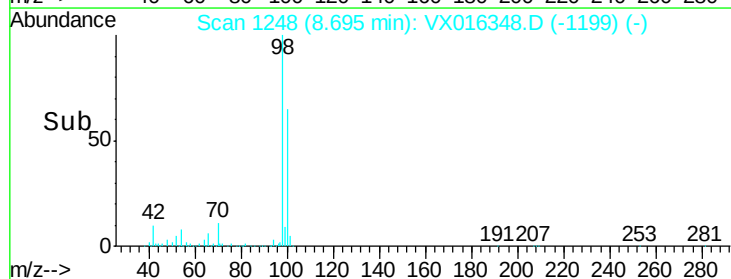
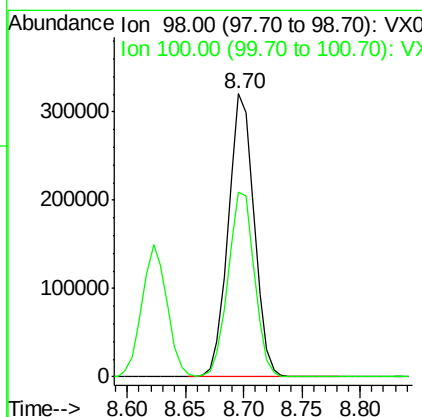
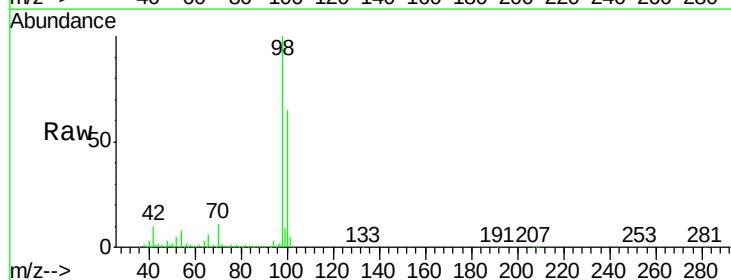
RT: 8.70 min Scan# 1248

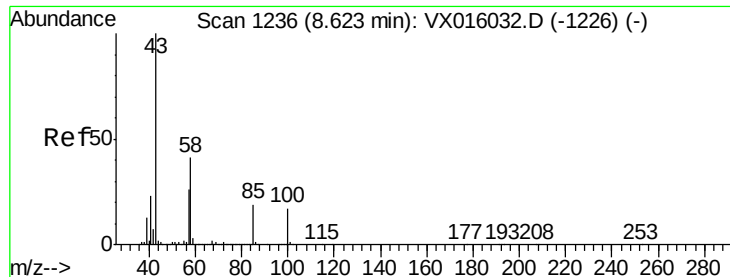
Delta R.T. -0.00 min

Lab File: VX016348.D

Acq: 19 May 2020 20:20

Tgt Ion:	98	Resp:	494527
Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.7	80.5





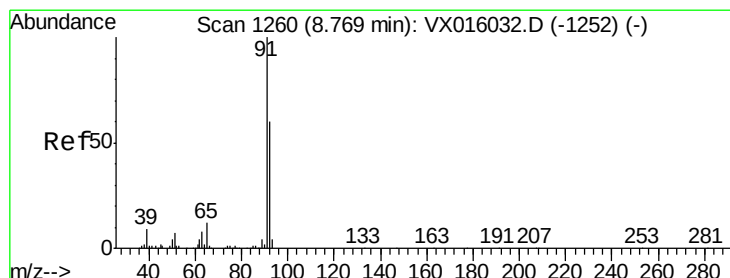
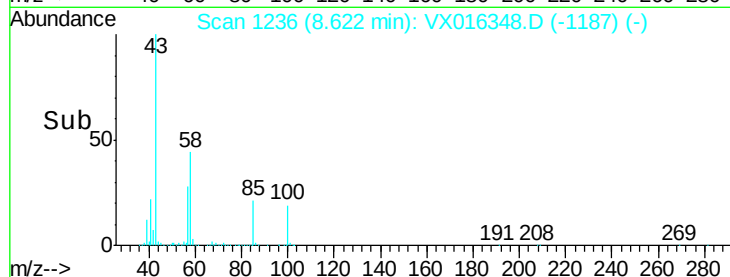
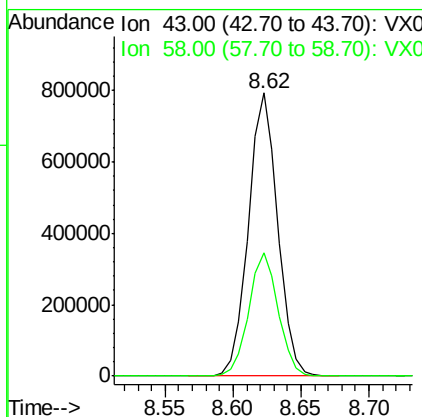
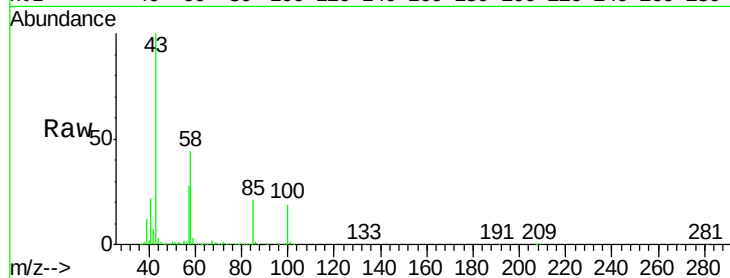
#51
4-Methyl-2-Pentanone
Concen: 243.857 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX016348.D
Acq: 19 May 2020 20:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1196638
Ion Ratio Lower Upper
43 100
58 43.6 33.0 49.4

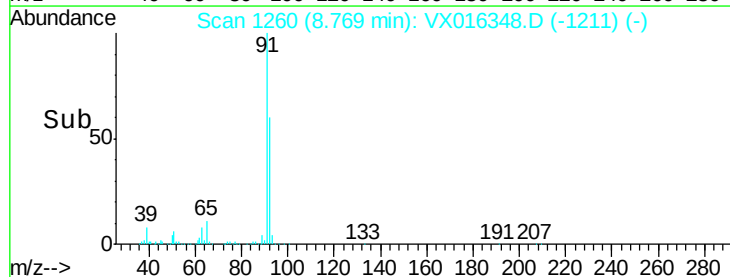
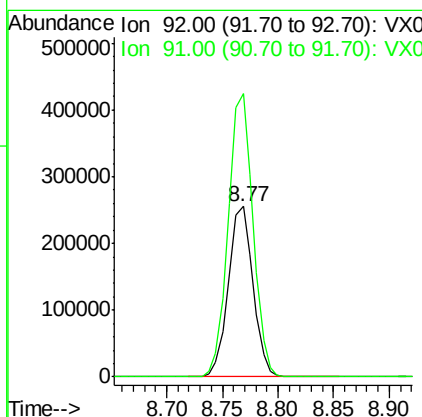
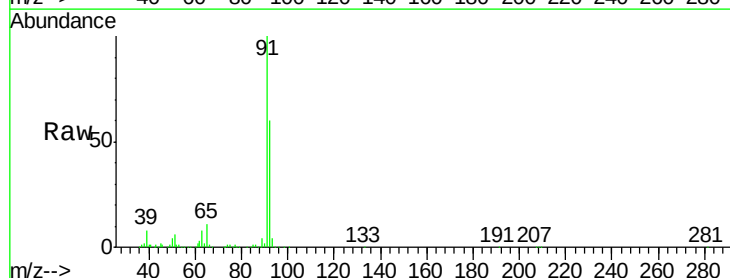
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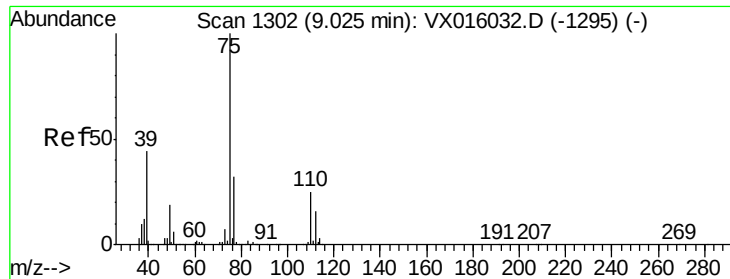
MMDadoda
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#52
Toluene
Concen: 49.455 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VX016348.D
Acq: 19 May 2020 20:20

Tgt Ion: 92 Resp: 391116
Ion Ratio Lower Upper
92 100
91 167.0 134.5 201.7





#53

t-1,3-Dichloropropene

Concen: 48.236 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016348.D

Acq: 19 May 2020 20:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 255549

Ion Ratio Lower Upper

75 100

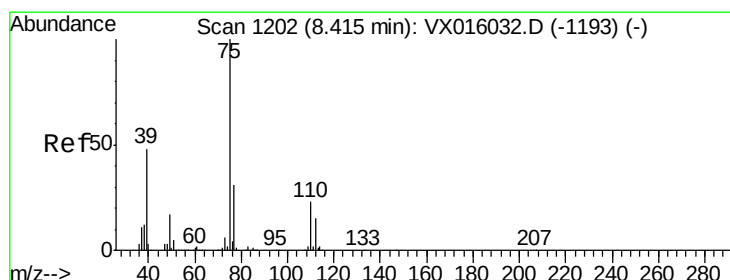
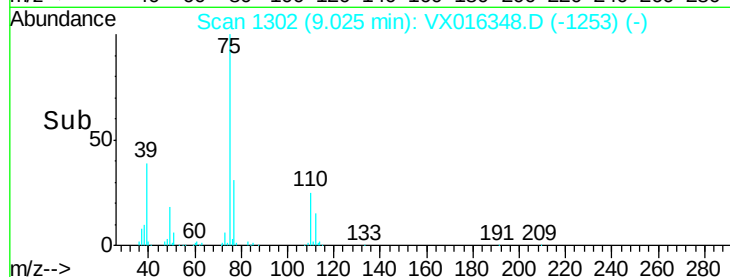
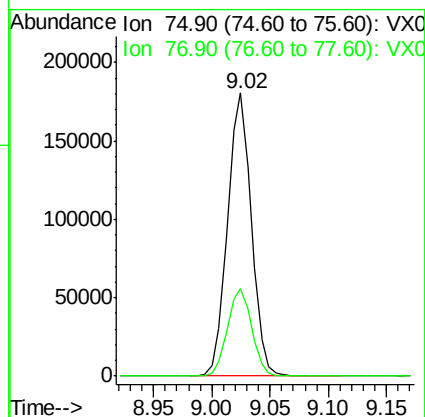
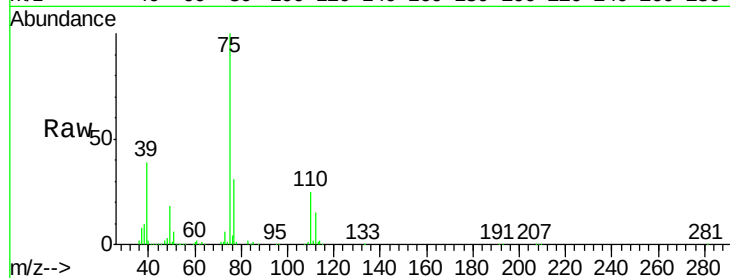
77 31.1 25.7 38.5

Manual Integrations

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MMDadoda

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#54

cis-1,3-Dichloropropene

Concen: 48.724 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016348.D

Acq: 19 May 2020 20:20

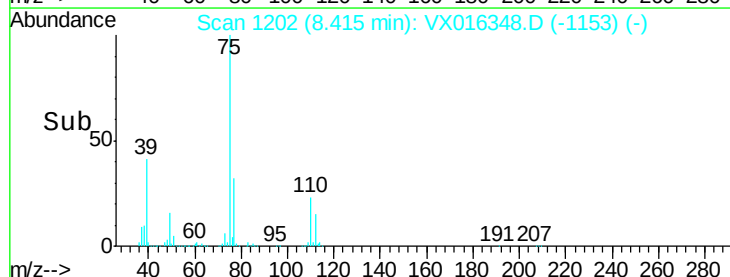
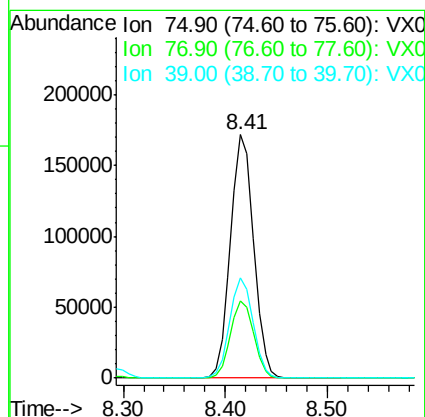
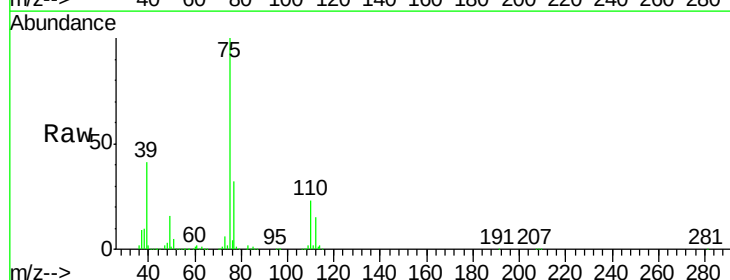
Tgt Ion: 75 Resp: 269622

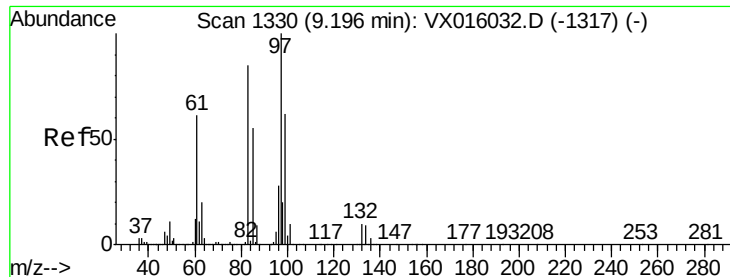
Ion Ratio Lower Upper

75 100

77 31.6 24.7 37.1

39 41.3 38.7 58.1





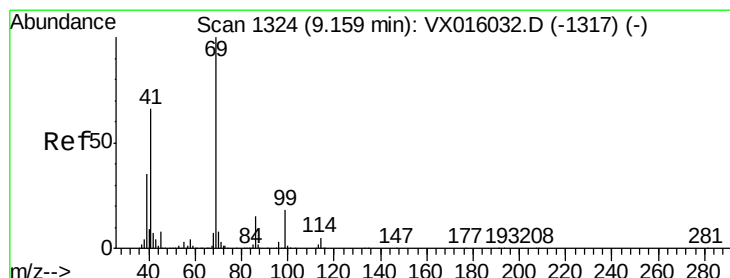
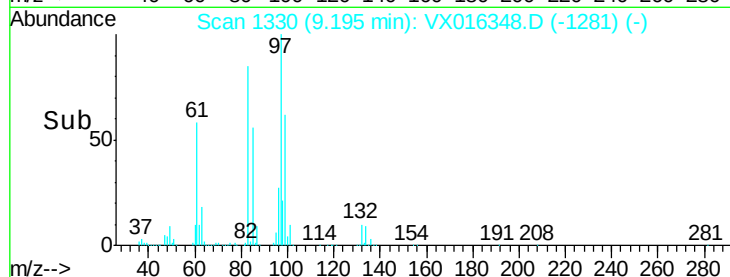
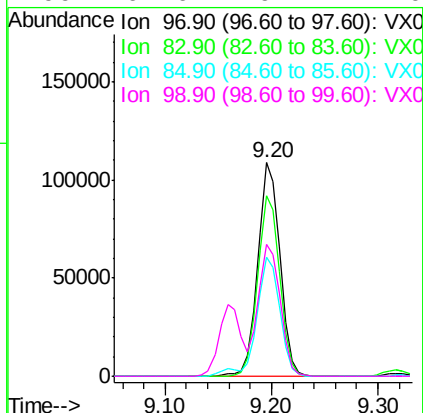
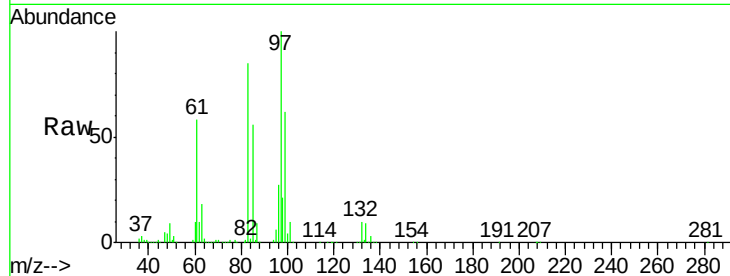
#55
 1,1,2-Trichloroethane
 Concen: 51.273 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016348.D
 Acq: 19 May 2020 20:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	159536
Ion	Ratio	Lower	Upper
97	100		
83	84.5	67.8	101.8
85	55.5	43.8	65.8
99	61.6	49.4	74.0

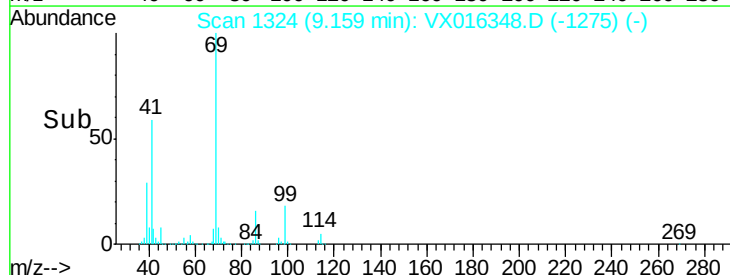
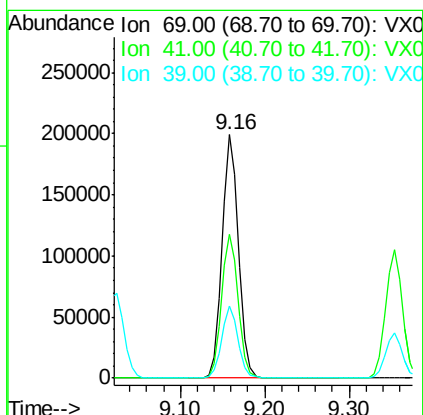
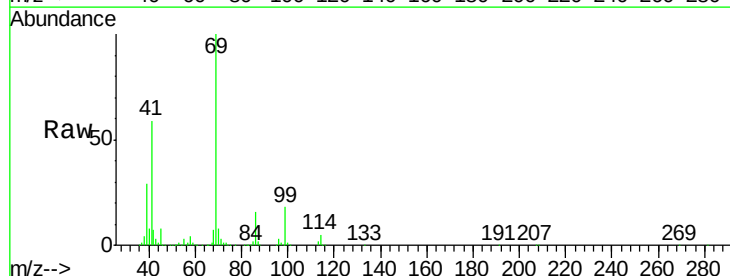
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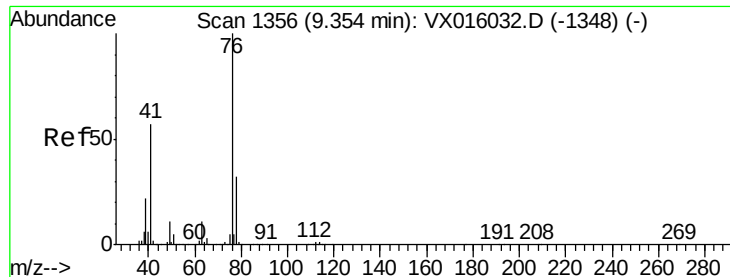
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#56
 Ethyl methacrylate
 Concen: 52.816 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016348.D
 Acq: 19 May 2020 20:20

Tgt Ion:	69	Resp:	268247
Ion	Ratio	Lower	Upper
69	100		
41	59.7	52.2	78.4
39	29.5	28.2	42.4





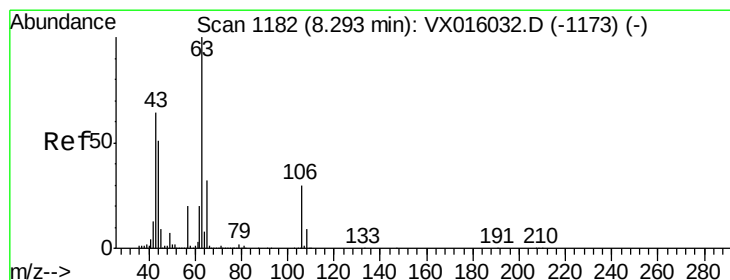
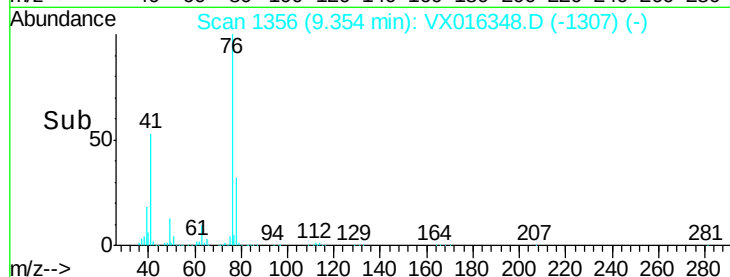
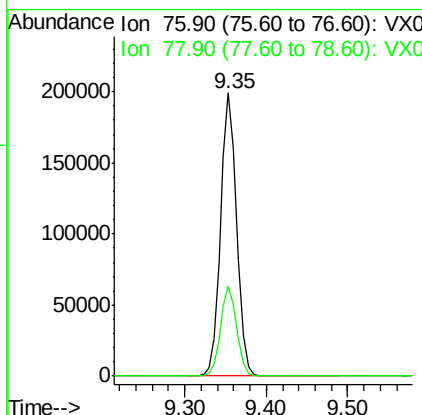
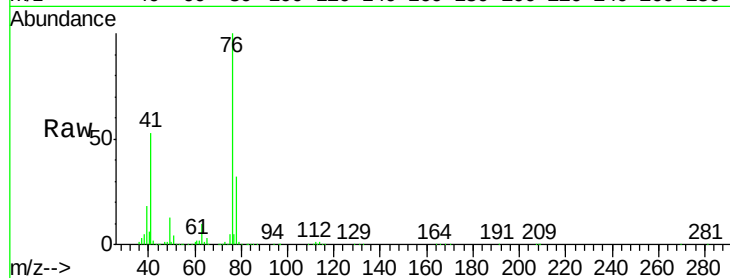
#57
 1,3-Dichloropropane
 Concen: 50.523 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX016348.D
 Acq: 19 May 2020 20:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.9	38.9

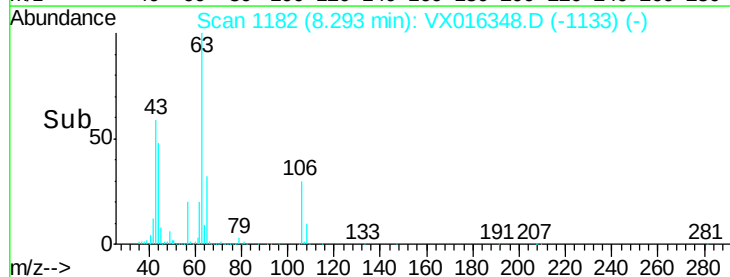
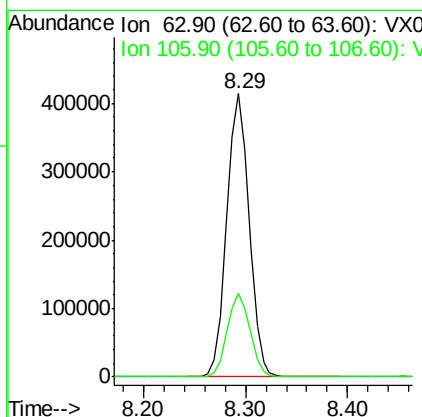
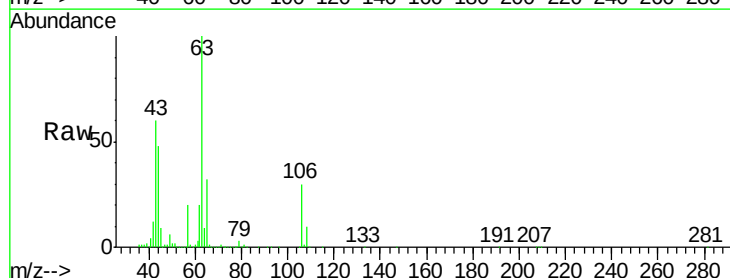
Manual Integrations
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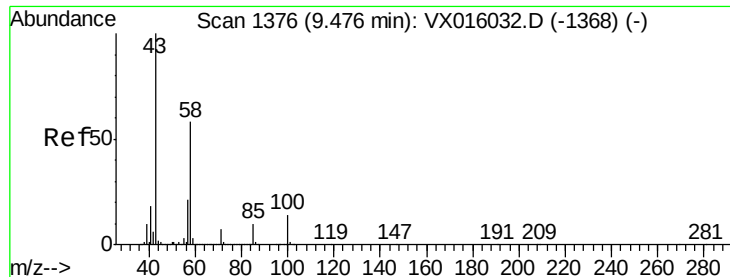
MMDadoda
 5/21/2020 1:12:04 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 232.517 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX016348.D
 Acq: 19 May 2020 20:20

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.7	23.4	35.2





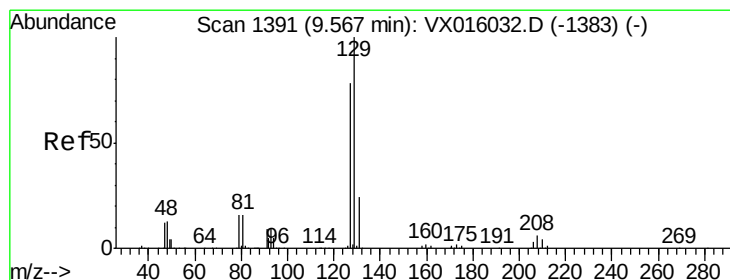
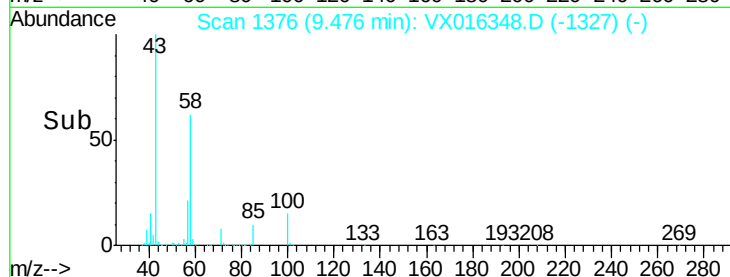
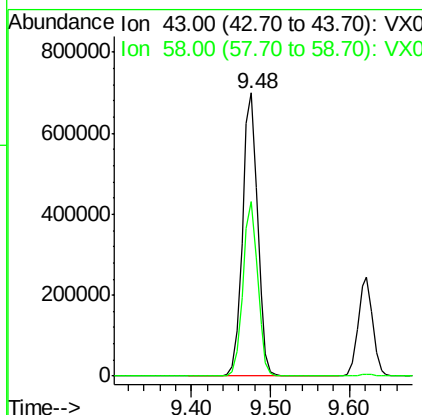
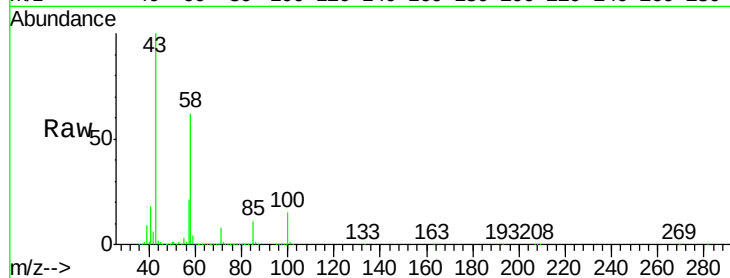
#59
2-Hexanone
Concen: 240.727 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016348.D
Acq: 19 May 2020 20:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	60.7	28.6	85.9

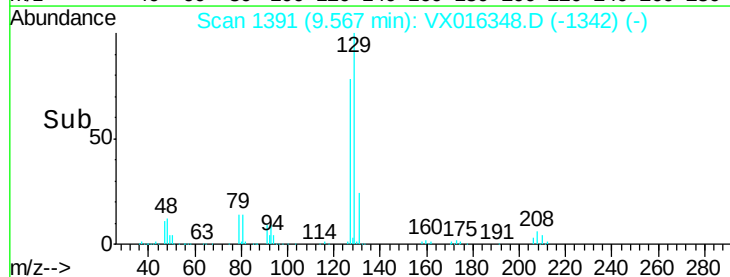
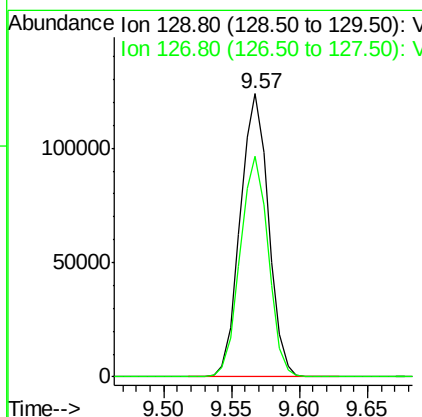
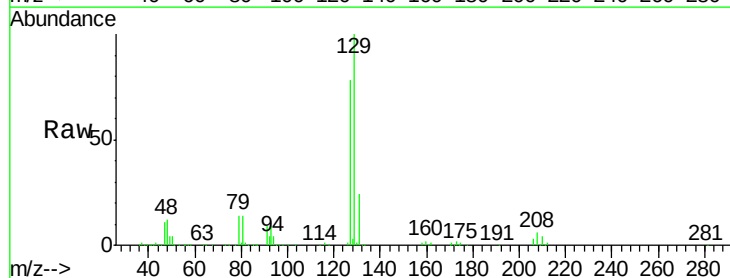
Manual Integrations
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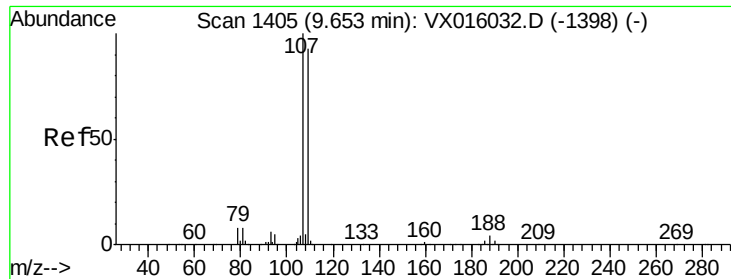
MMDadoda
5/21/2020 1:12:04 PM



#60
Dibromochloromethane
Concen: 52.405 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016348.D
Acq: 19 May 2020 20:20

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.7	38.4	115.2





#61

1,2-Dibromoethane

Concen: 50.519 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016348.D

Acq: 19 May 2020 20:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 170262

Ion Ratio Lower Upper

107 100

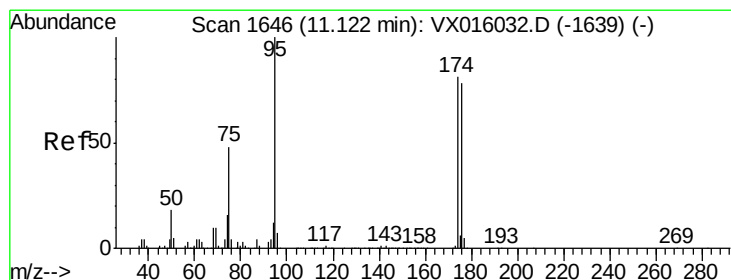
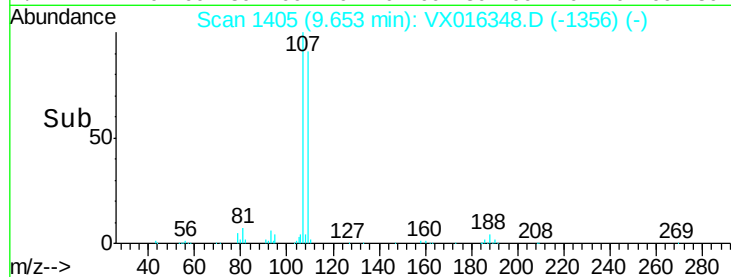
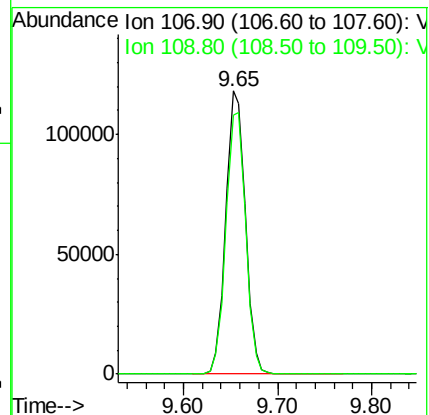
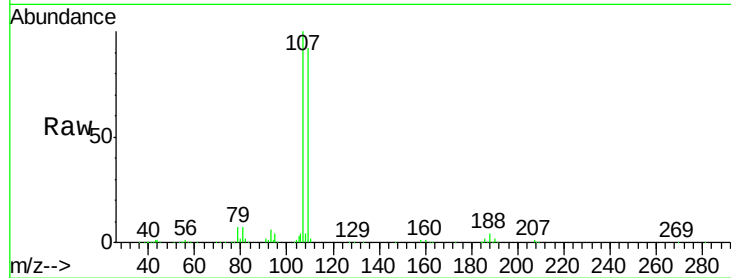
109 93.9 74.9 112.3

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 46.810 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016348.D

Acq: 19 May 2020 20:20

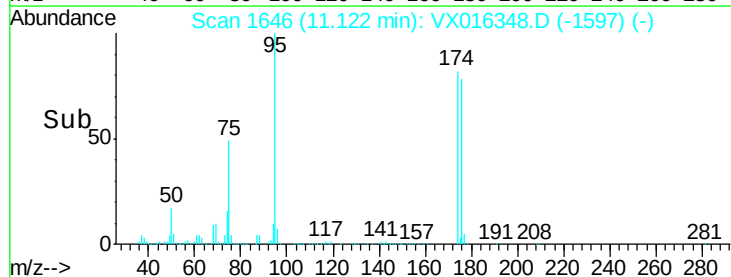
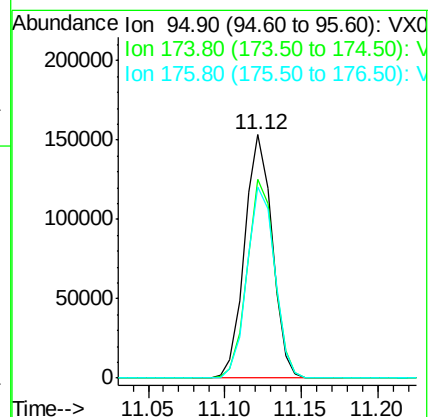
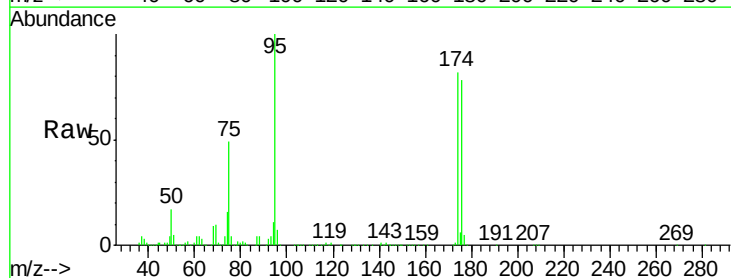
Tgt Ion: 95 Resp: 191458

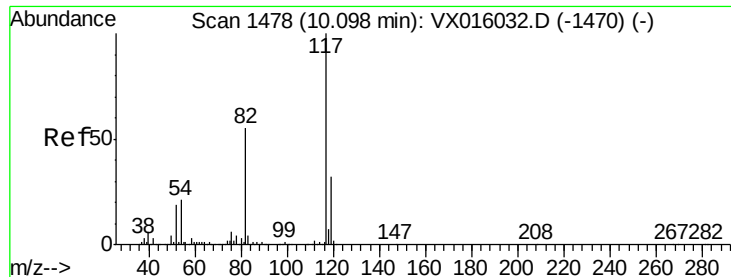
Ion Ratio Lower Upper

95 100

174 81.3 0.0 159.4

176 79.6 0.0 157.6





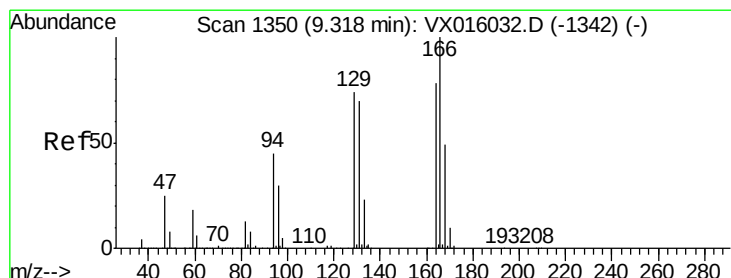
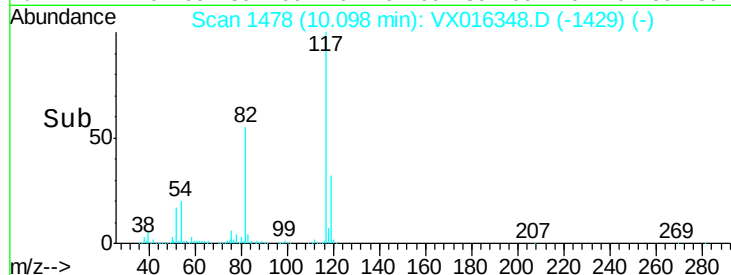
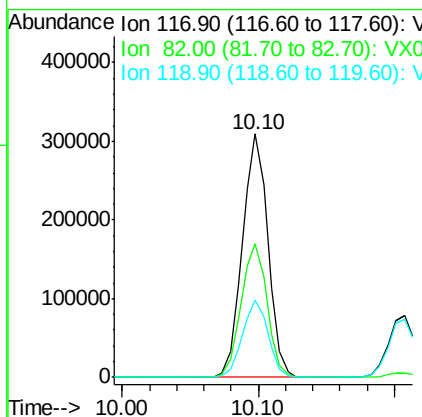
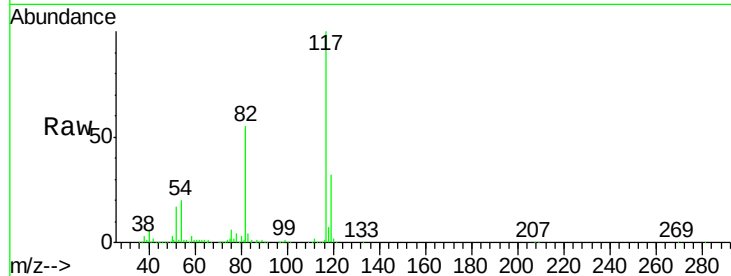
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016348.D
Acq: 19 May 2020 20:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	55.0	44.4	66.6
119	31.8	25.5	38.3

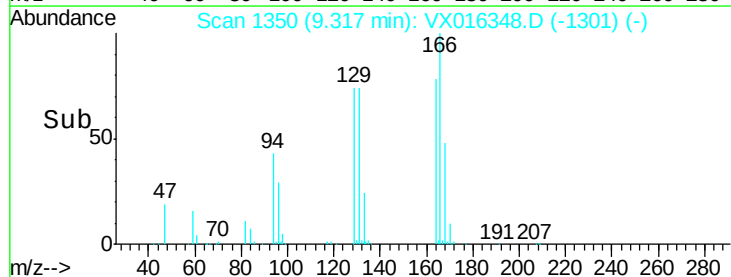
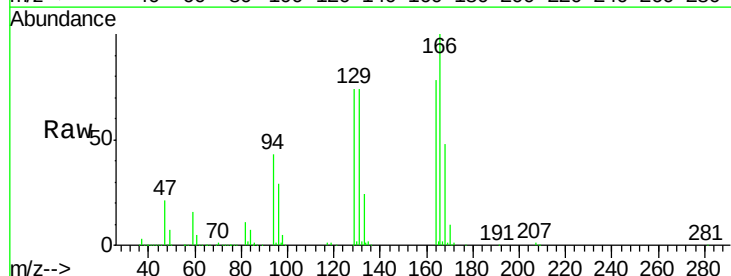
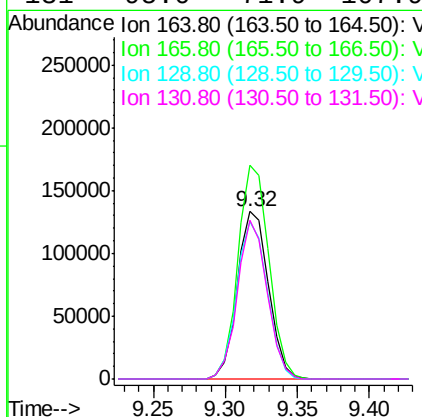
Manual Integrations
APPROVED

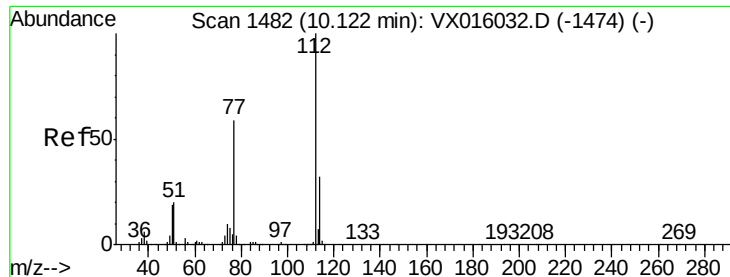
MMDadoda
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#64
Tetrachloroethene
Concen: 40.325 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016348.D
Acq: 19 May 2020 20:20

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
166	127.6	102.9	154.3
129	94.1	76.1	114.1
131	95.0	71.9	107.9





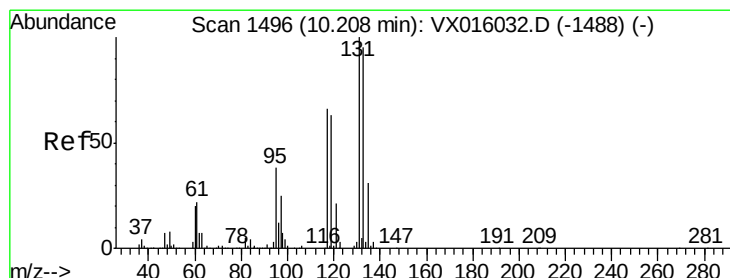
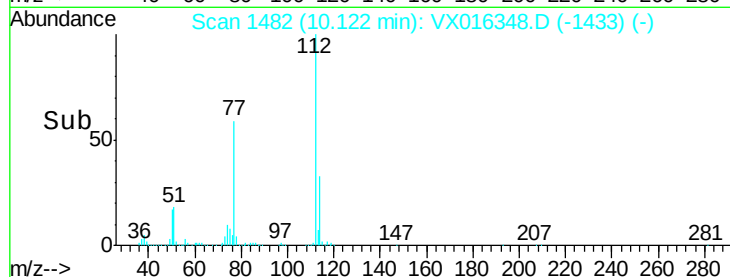
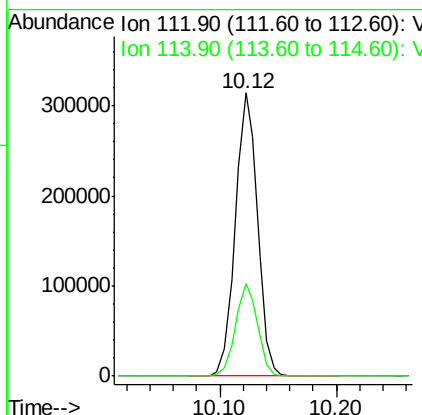
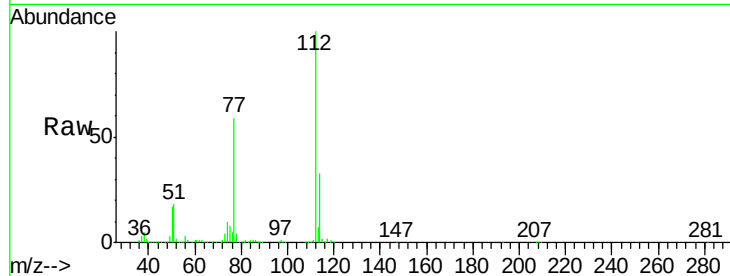
#65
Chlorobenzene
Concen: 49.233 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016348.D
Acq: 19 May 2020 20:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 416998
Ion Ratio Lower Upper
112 100
114 32.8 25.7 38.5

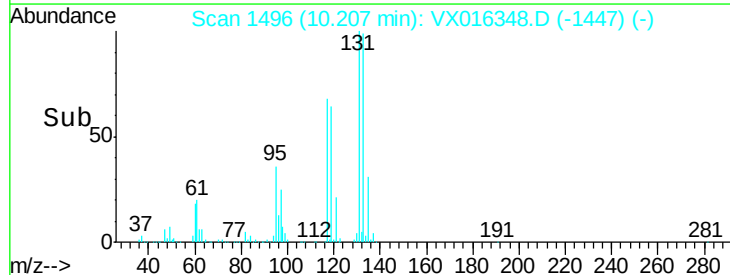
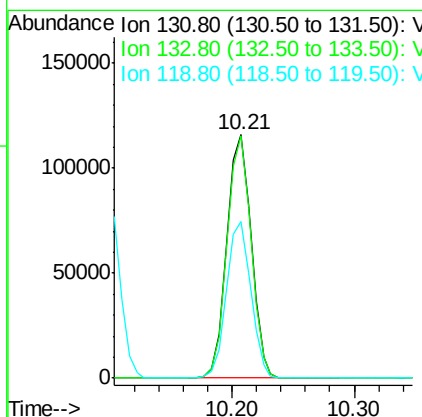
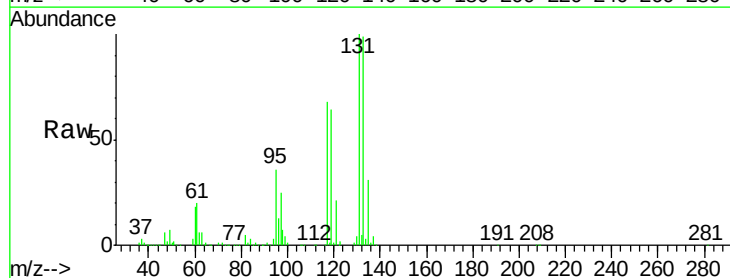
Manual Integrations
APPROVED

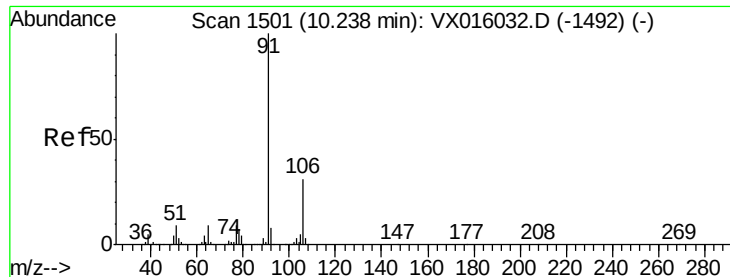
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.162 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX016348.D
Acq: 19 May 2020 20:20

Tgt Ion:131 Resp: 160167
Ion Ratio Lower Upper
131 100
133 97.7 48.3 144.8
119 64.1 32.3 96.9





#67

Ethyl Benzene

Concen: 46.192 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016348.D

Acq: 19 May 2020 20:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 698078

Ion Ratio Lower Upper

91 100

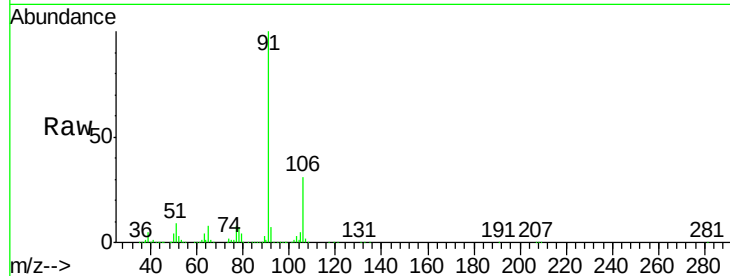
106 30.8 25.1 37.7

Manual Integrations

APPROVED

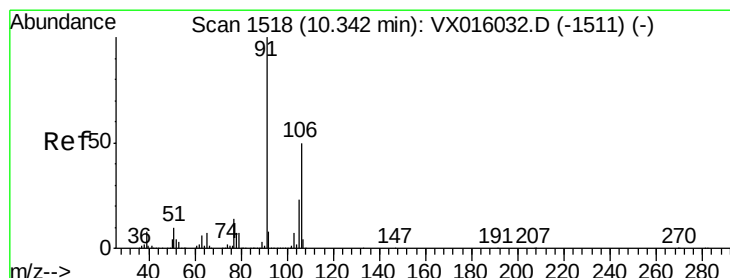
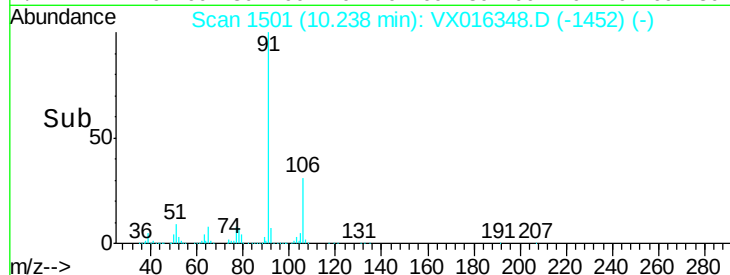
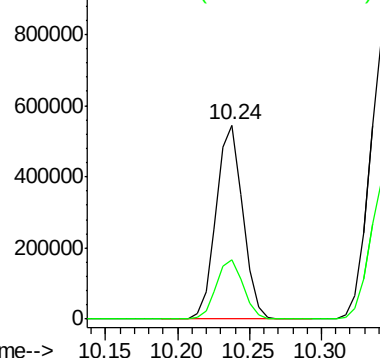
MMDadoda

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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: 93.280 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016348.D

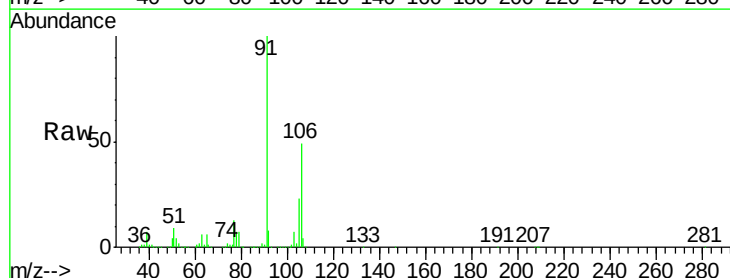
Acq: 19 May 2020 20:20

Tgt Ion: 106 Resp: 528158

Ion Ratio Lower Upper

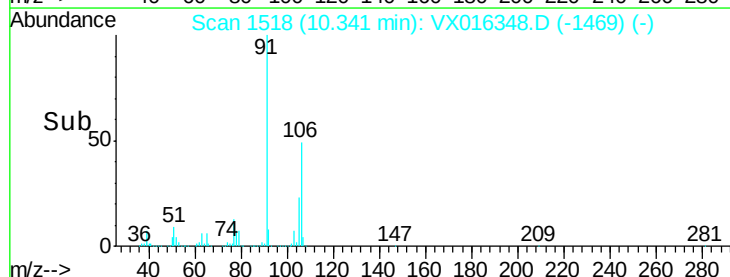
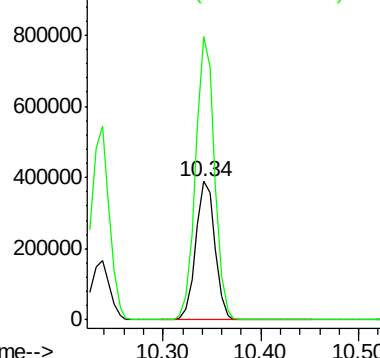
106 100

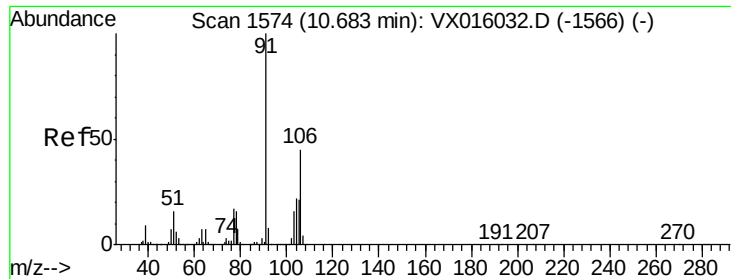
91 201.4 161.7 242.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





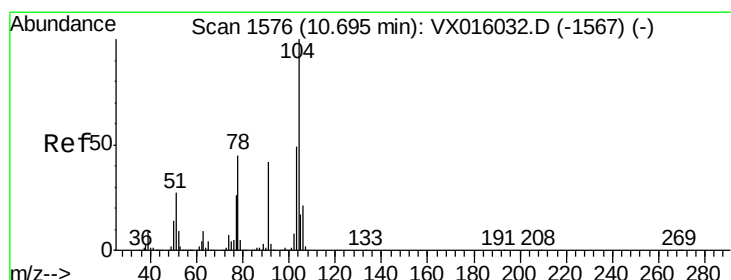
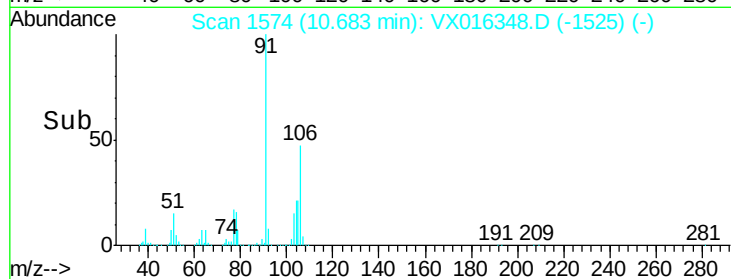
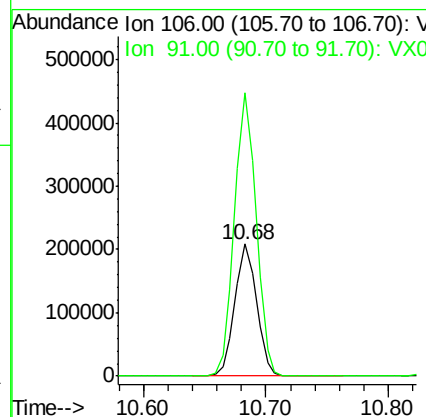
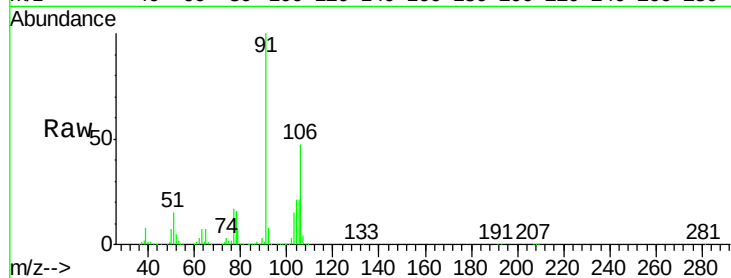
#69
o-Xylene
Concen: 47.114 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016348.D
Acq: 19 May 2020 20:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		256423		
91	214.2	107.5	322.6		

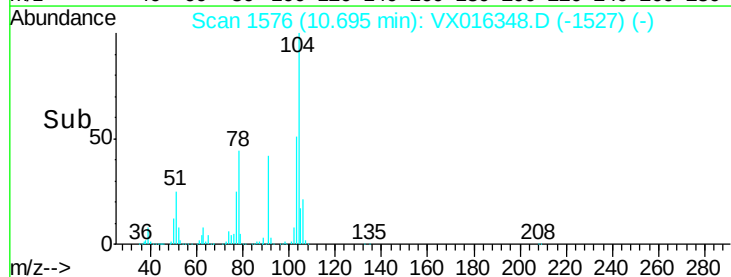
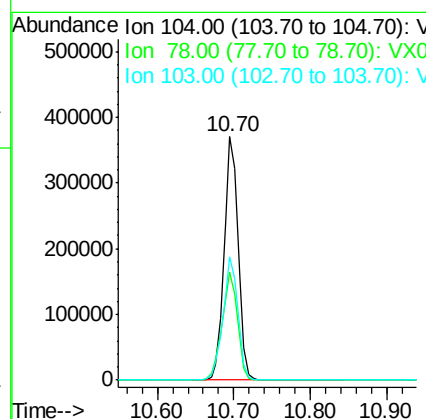
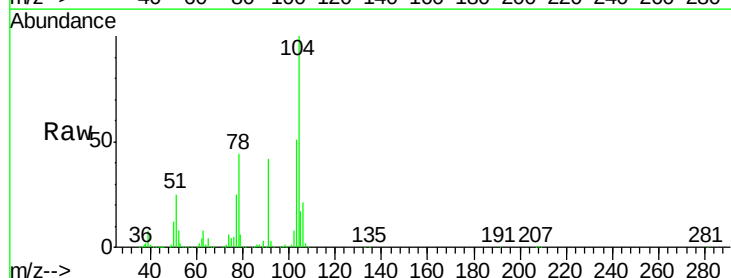
Manual Integrations
APPROVED

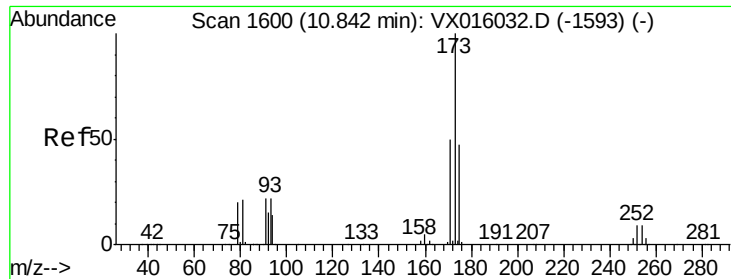
MMDadoda
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#70
Styrene
Concen: 50.803 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016348.D
Acq: 19 May 2020 20:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		469083		
78	48.5	40.2	60.2		
103	53.4	43.0	64.6		





#71

Bromoform

Concen: 54.181 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016348.D

Acq: 19 May 2020 20:20

Instrument :

MSVOA_X

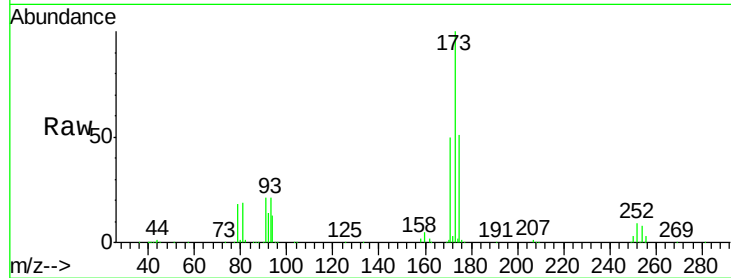
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.4	24.0	72.0
254	0.2	0.1	0.1

Manual Integrations
APPROVED

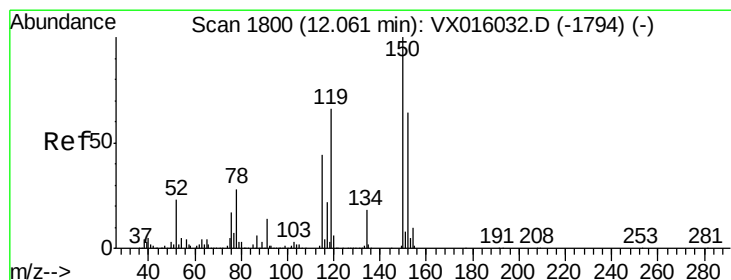
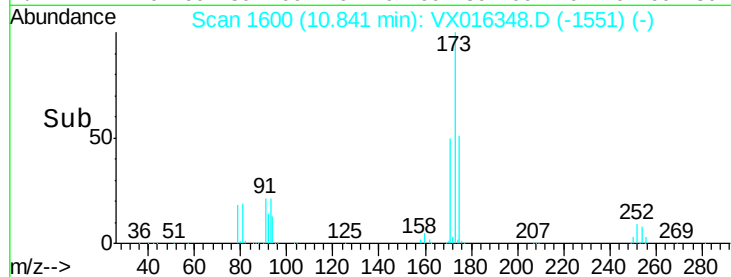
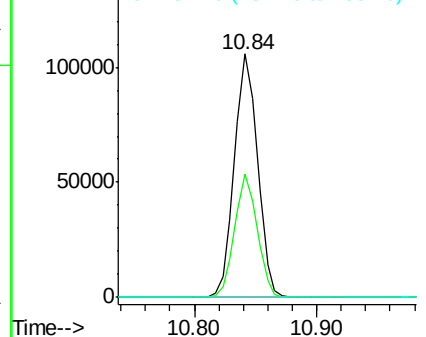
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

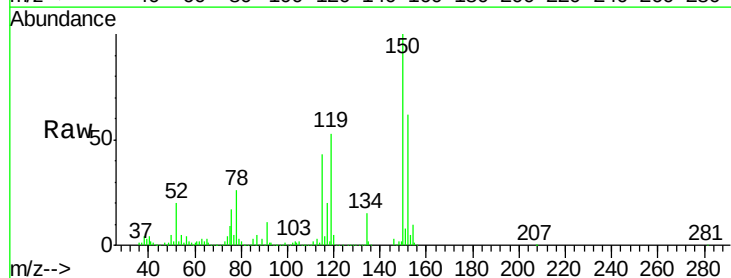
RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016348.D

Acq: 19 May 2020 20:20

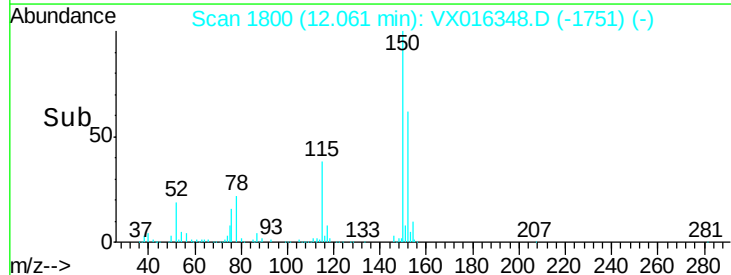
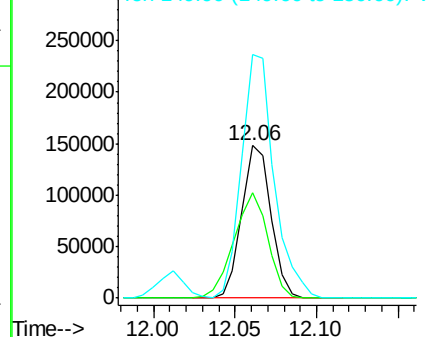
Tgt Ion	Ratio	Lower	Upper
152	100		
115	79.3	41.3	124.1
150	177.4	0.0	352.2

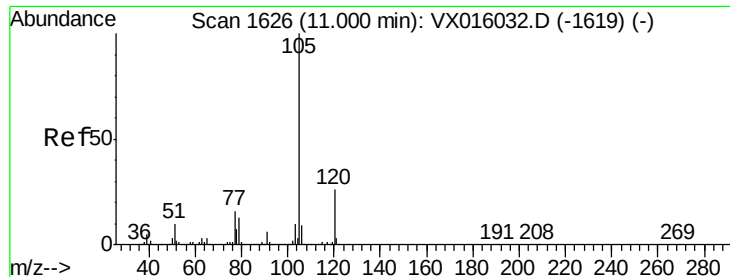


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 46.301 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX016348.D

Acq: 19 May 2020 20:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 627821

Ion Ratio Lower Upper

105 100

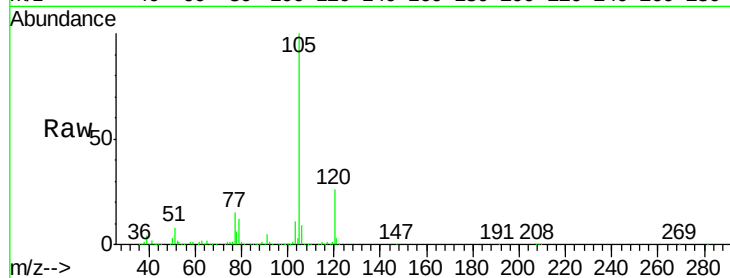
120 26.2 13.4 40.2

Manual Integrations

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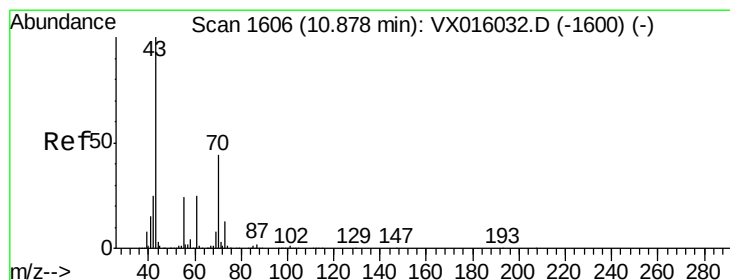
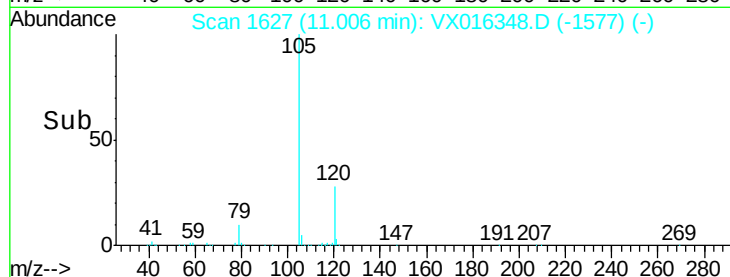
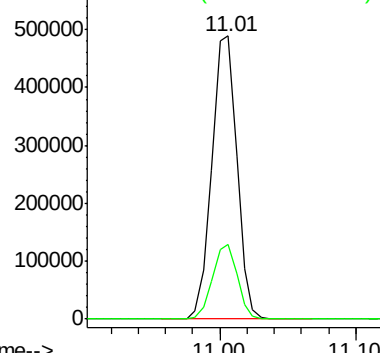
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.161 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016348.D

Acq: 19 May 2020 20:20

Tgt Ion: 43 Resp: 298281

Ion Ratio Lower Upper

43 100

70 48.5 36.5 54.7

55 25.8 19.7 29.5

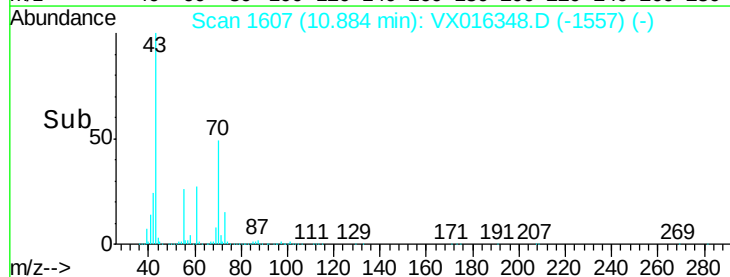
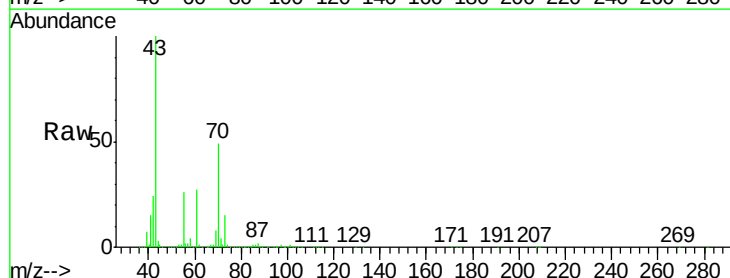
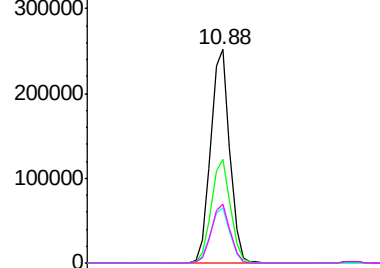
61 27.2 20.9 31.3

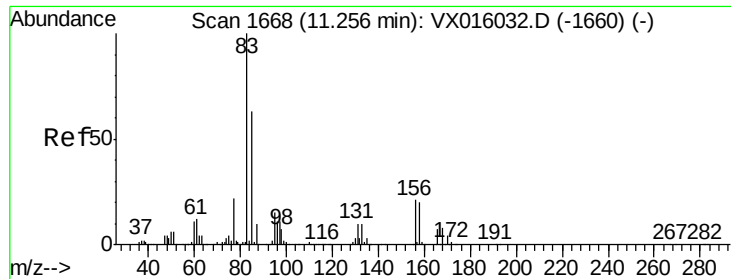
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 69.261 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. -0.00 min

Lab File: VX016348.D

Acq: 19 May 2020 20:20

Instrument :

MSVOA_X

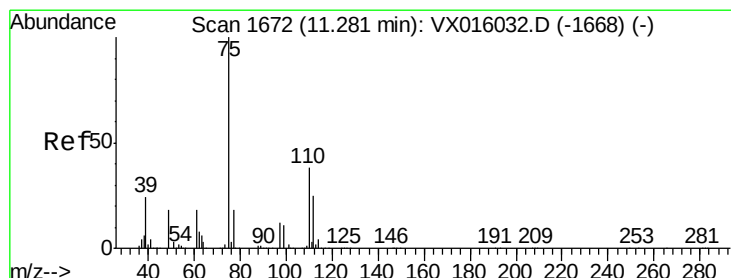
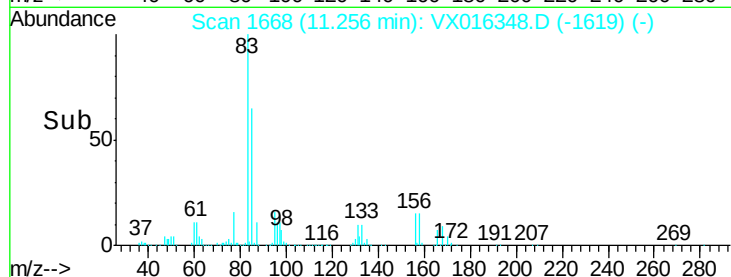
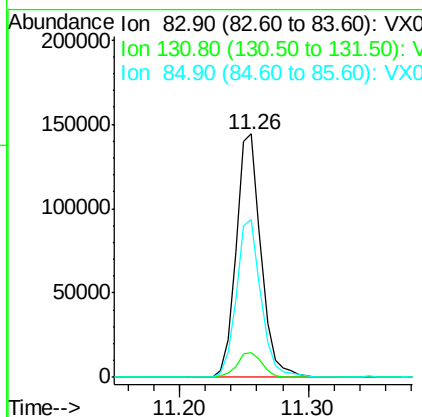
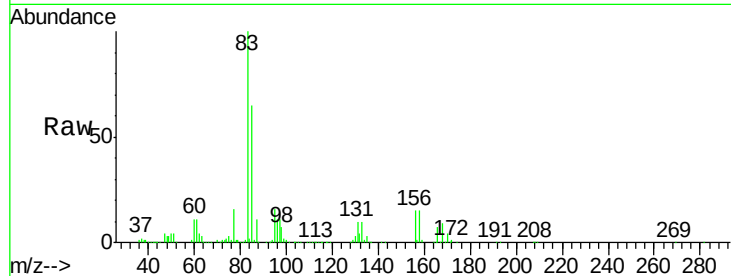
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	193319
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.1	15.4
85	64.3	32.0	96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 54.277 ug/l m

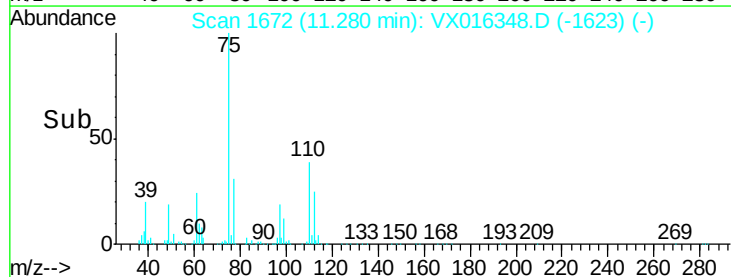
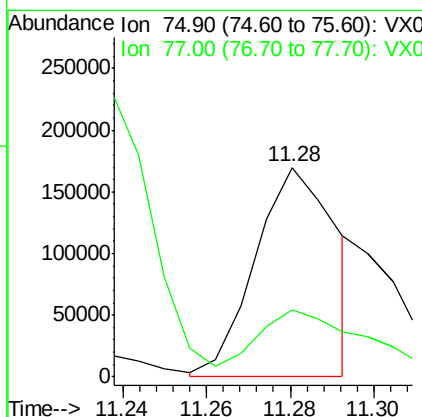
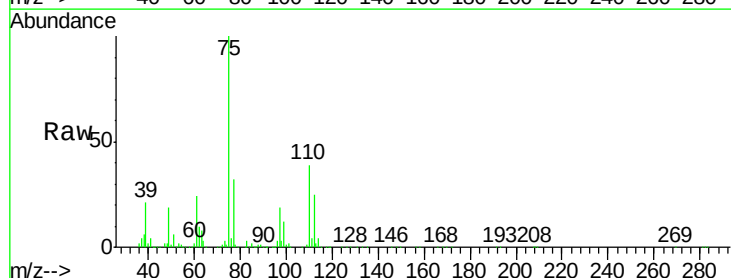
RT: 11.28 min Scan# 1672

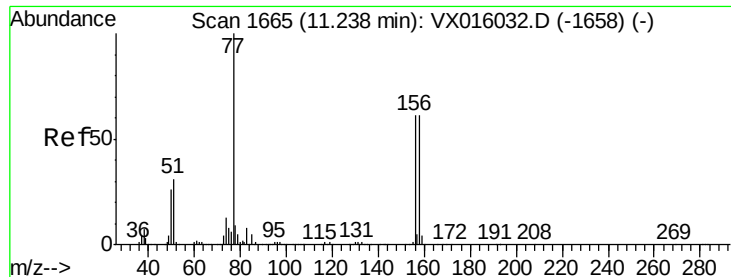
Delta R.T. -0.00 min

Lab File: VX016348.D

Acq: 19 May 2020 20:20

Tgt Ion:	75	Resp:	229615
Ion Ratio	Lower	Upper	
75	100		
77	43.1	21.2	63.6





#77

Bromobenzene

Concen: 51.935 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016348.D

Acq: 19 May 2020 20:20

Instrument :

MSVOA_X

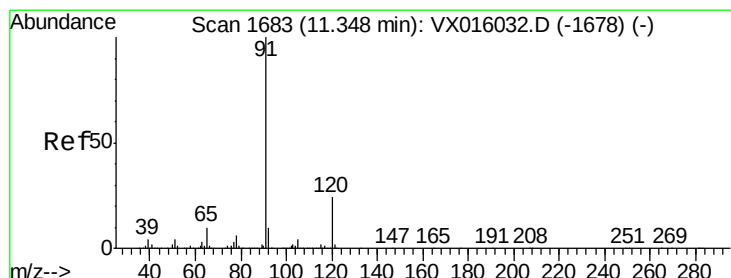
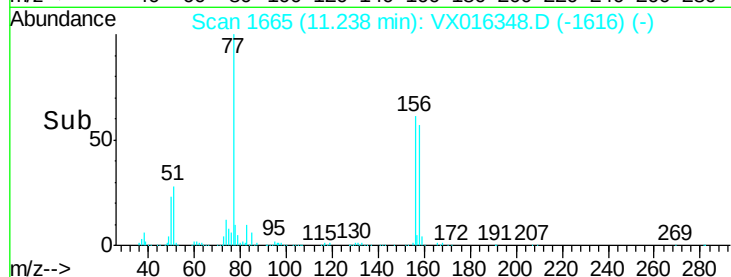
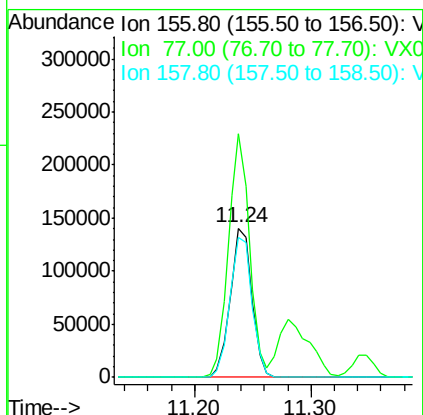
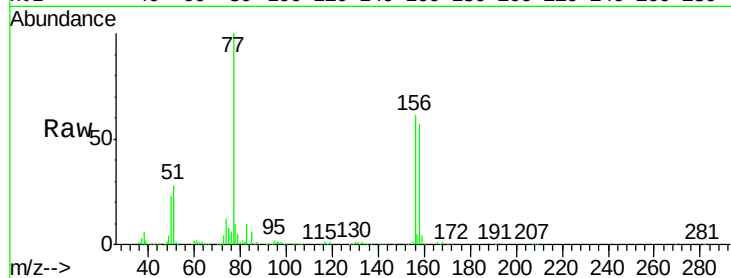
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	181768
Ion Ratio	Lower	Upper	
156	100		
77	158.3	80.1	240.3
158	96.3	49.4	148.2

Manual Integrations
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#78

n-propylbenzene

Concen: 44.499 ug/l

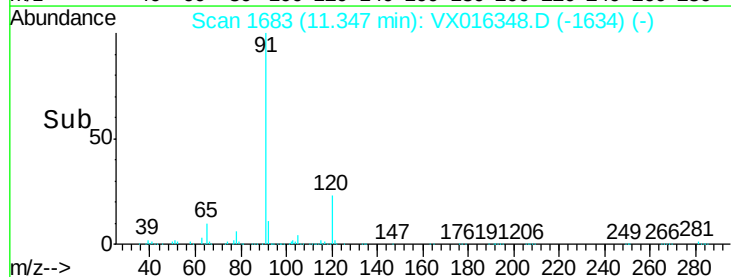
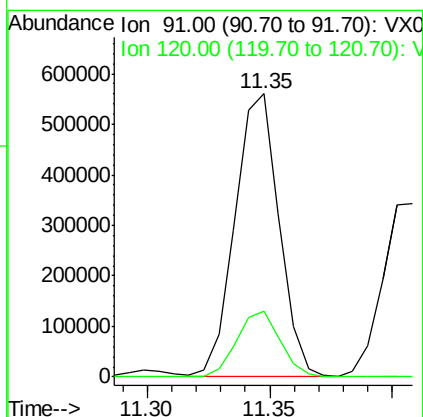
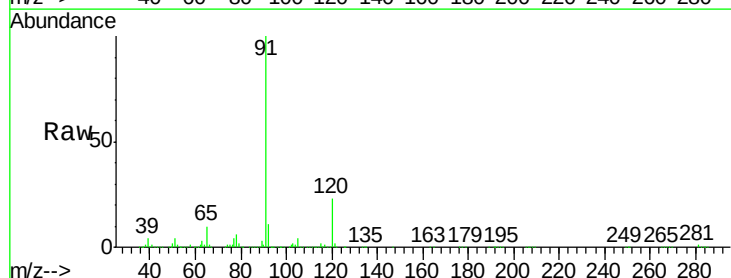
RT: 11.35 min Scan# 1683

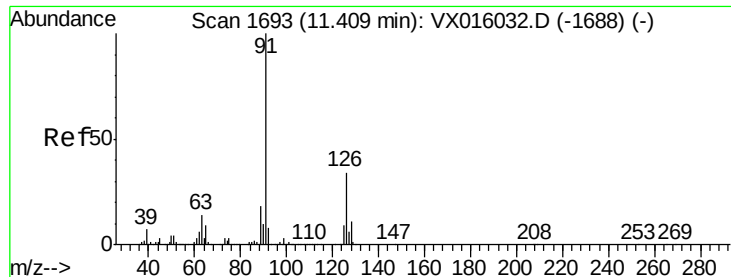
Delta R.T. -0.00 min

Lab File: VX016348.D

Acq: 19 May 2020 20:20

Tgt Ion:	91	Resp:	701948
Ion Ratio	Lower	Upper	
91	100		
120	22.8	11.5	34.5





#79

2-Chlorotoluene

Concen: 48.614 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. -0.00 min

Lab File: VX016348.D

Acq: 19 May 2020 20:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 452652

Ion Ratio Lower Upper

91 100

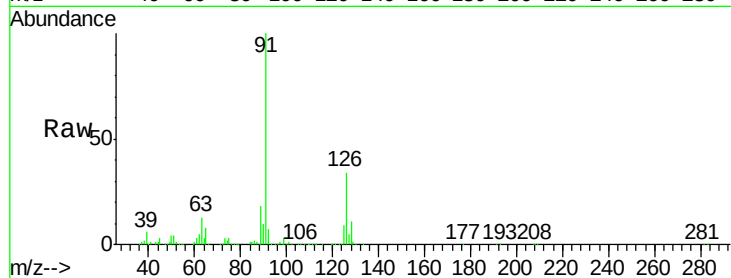
126 33.3 16.9 50.6

Manual Integrations

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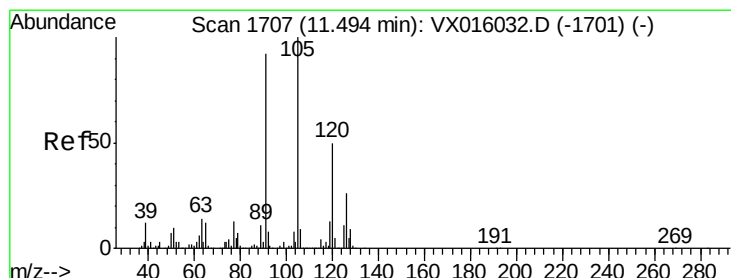
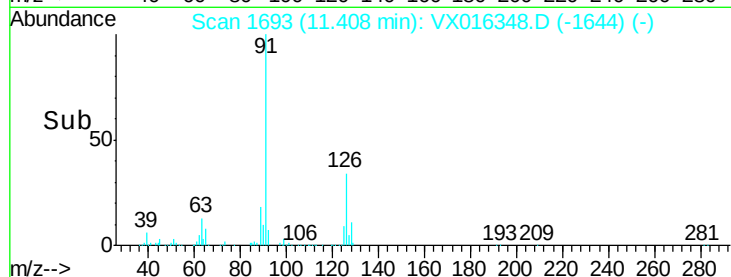
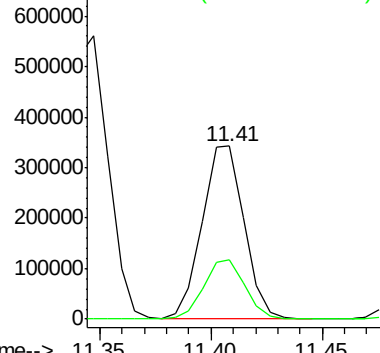
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 44.700 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016348.D

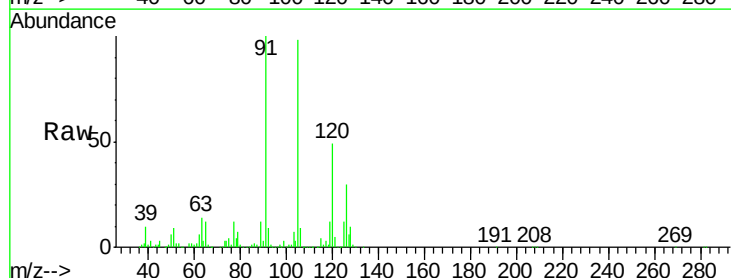
Acq: 19 May 2020 20:20

Tgt Ion: 105 Resp: 511749

Ion Ratio Lower Upper

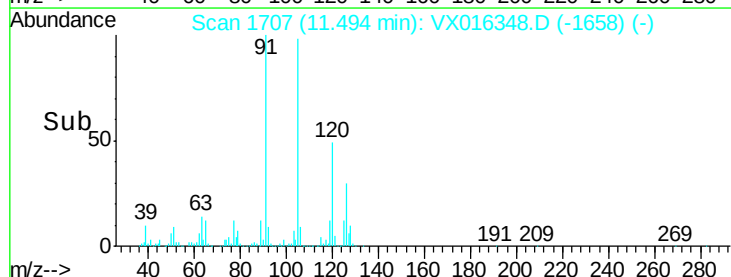
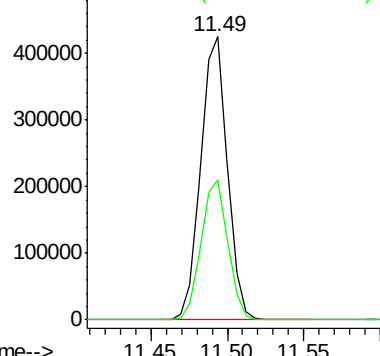
105 100

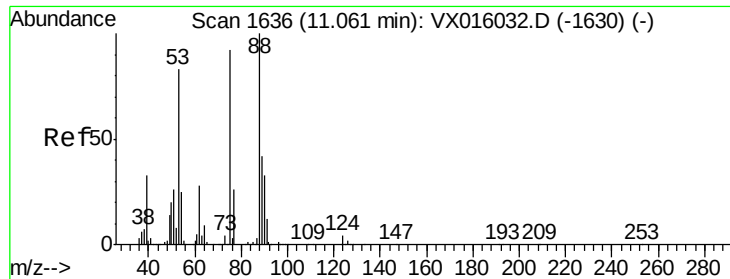
120 49.7 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





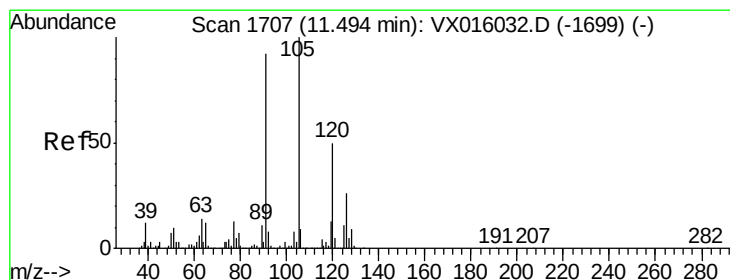
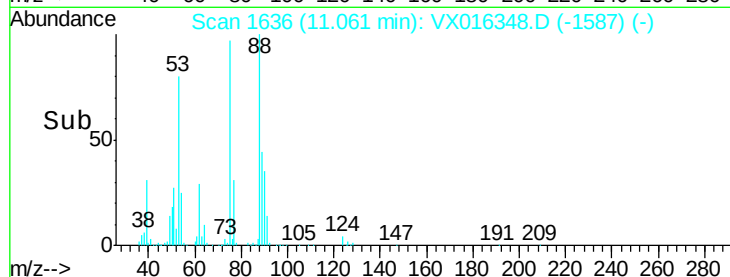
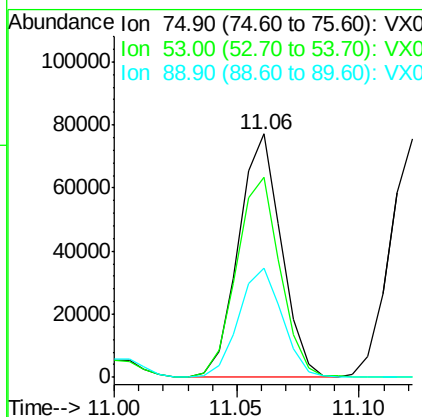
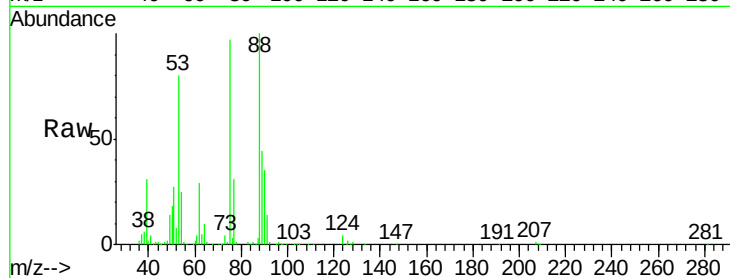
#81
trans-1,4-Dichloro-2-butene
Concen: 52.394 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016348.D
Acq: 19 May 2020 20:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	84.5	73.1	109.7
89	45.9	36.7	55.1

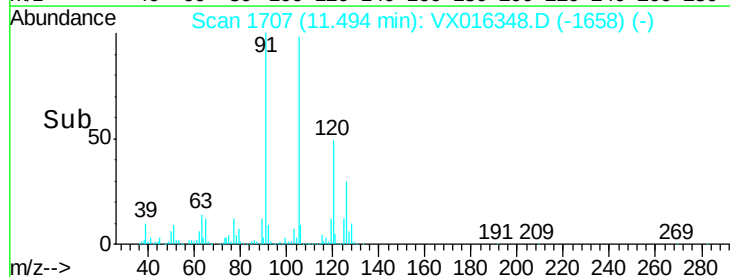
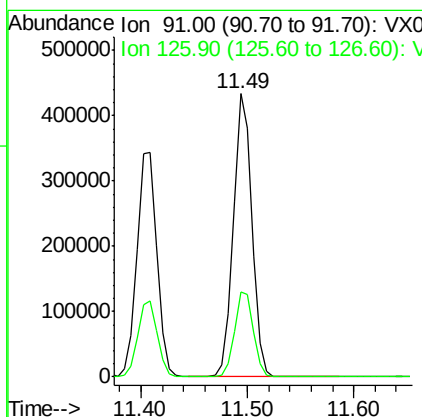
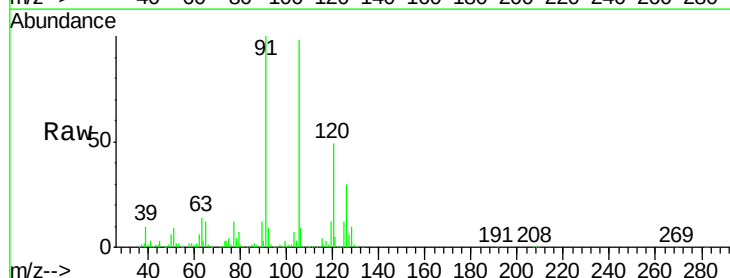
Manual Integrations
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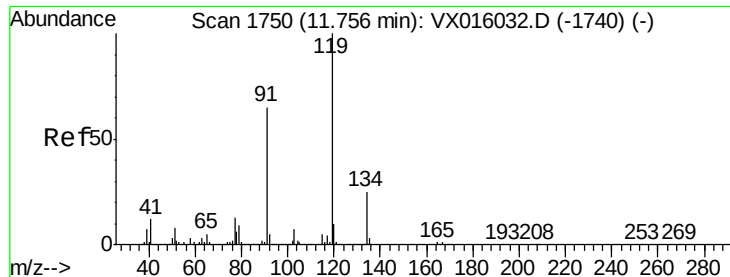
MMDadoda
5/21/2020 1:12:04 PM



#82
4-Chlorotoluene
Concen: 48.379 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016348.D
Acq: 19 May 2020 20:20

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.5	14.8	44.3





#83

tert-Butylbenzene

Concen: 43.456 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016348.D

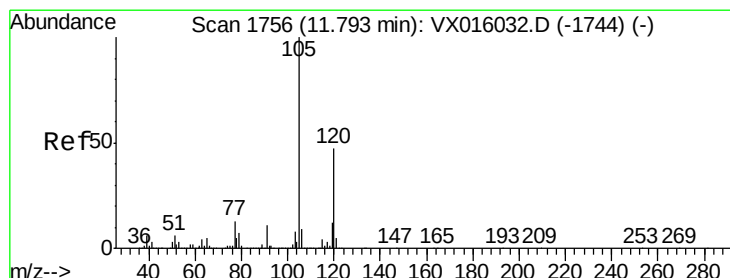
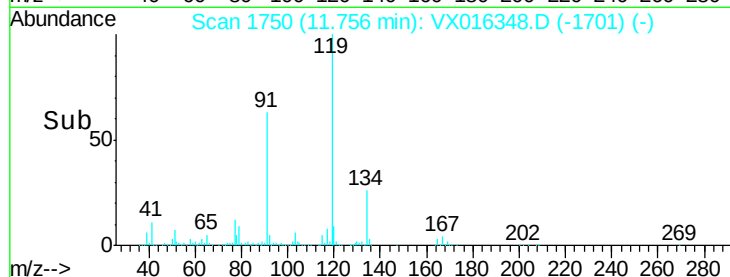
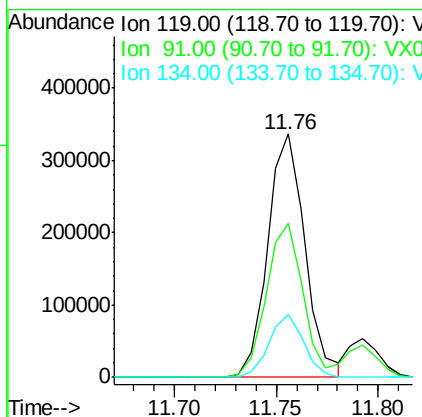
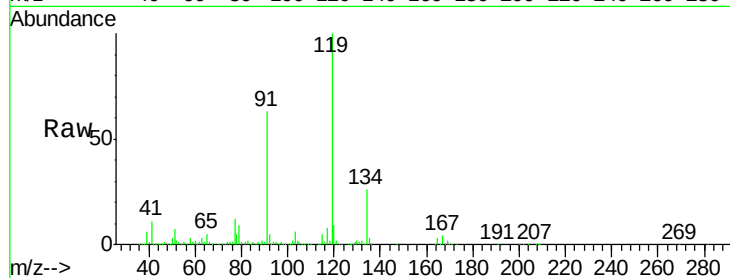
Acq: 19 May 2020 20:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	428754		
91	61.6	32.8	98.4	
134	24.3	12.4	37.0	

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#84

1,2,4-Trimethylbenzene

Concen: 46.137 ug/l

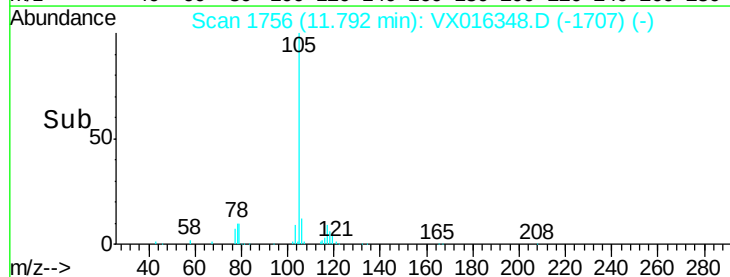
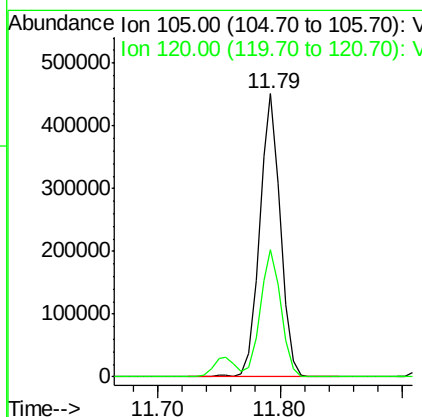
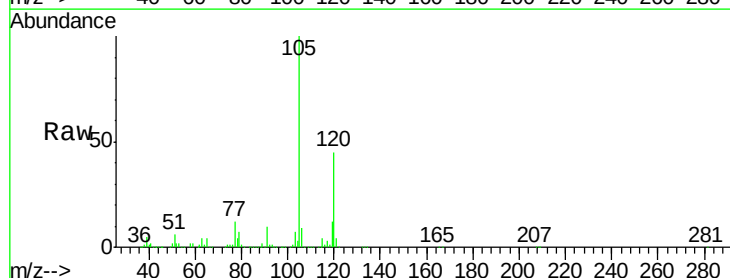
RT: 11.79 min Scan# 1756

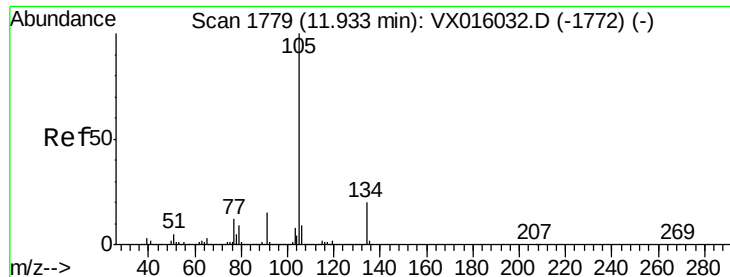
Delta R.T. -0.00 min

Lab File: VX016348.D

Acq: 19 May 2020 20:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	534016		
120	44.9	23.0	69.0	





#85

sec-Butylbenzene

Concen: 38.594 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016348.D

Acq: 19 May 2020 20:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 514133

Ion Ratio Lower Upper

105 100

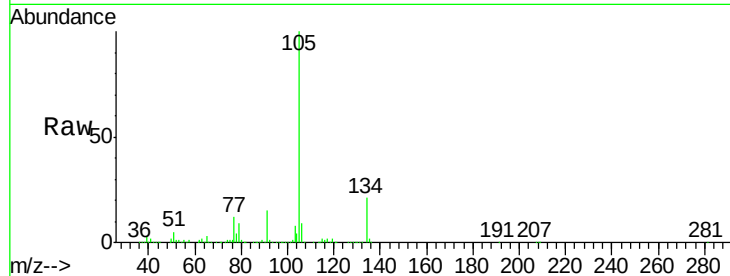
134 20.4 10.1 30.3

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

400000

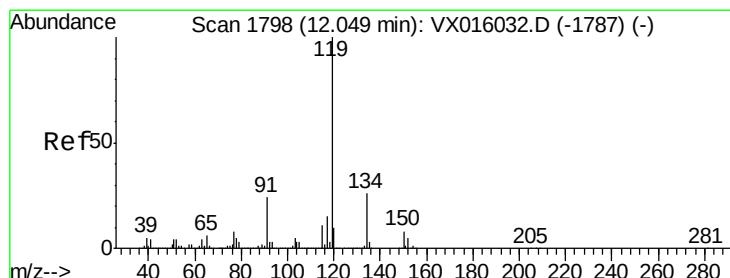
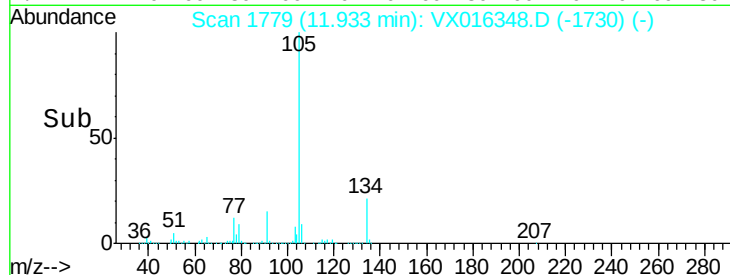
300000

200000

100000

0

Time--> 11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 39.081 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016348.D

Acq: 19 May 2020 20:20

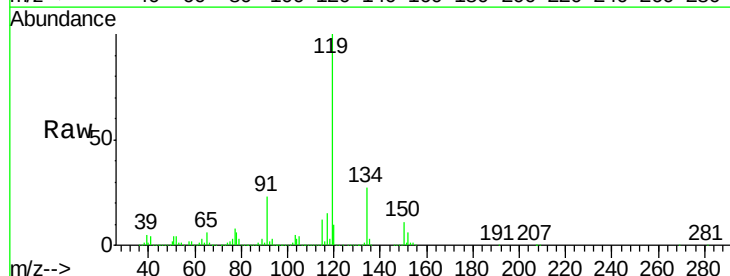
Tgt Ion:119 Resp: 483370

Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.3

91 23.1 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.05

400000

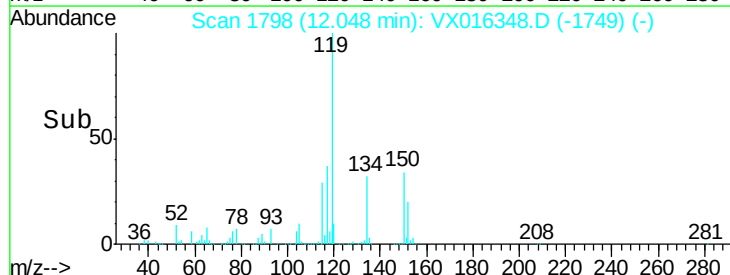
300000

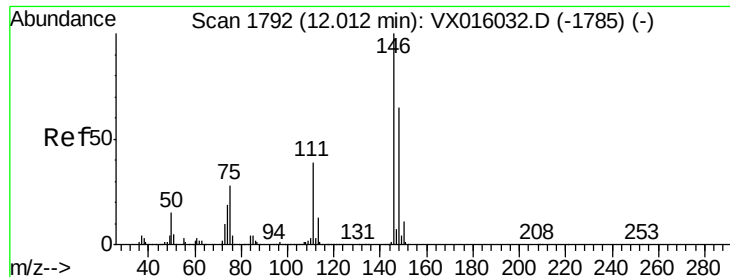
200000

100000

0

Time--> 12.00 12.10





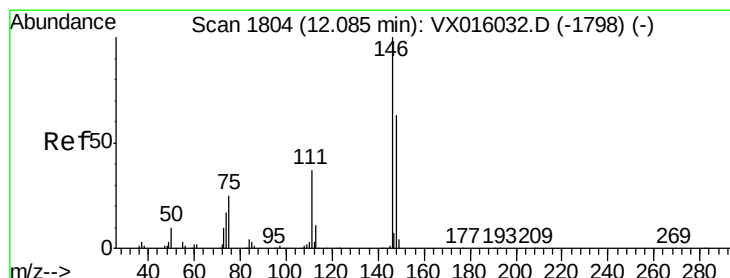
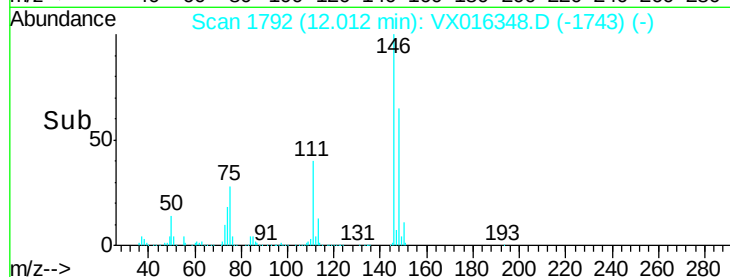
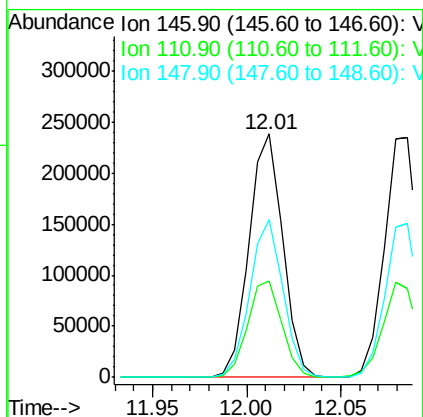
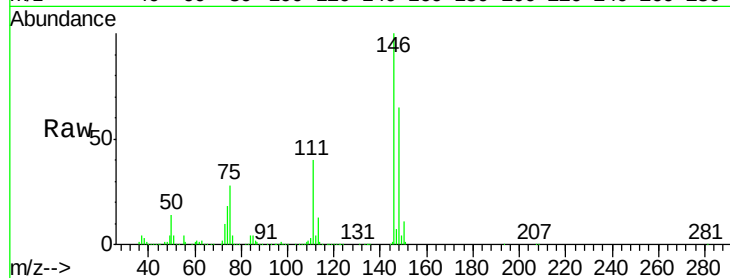
#87
 1,3-Dichlorobenzene
 Concen: 47.038 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016348.D
 Acq: 19 May 2020 20:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.2	60.6
148	63.8	32.1	96.3

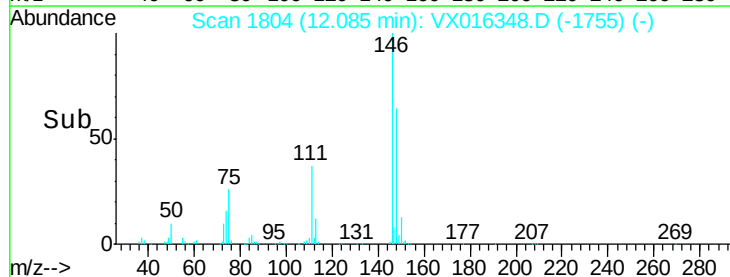
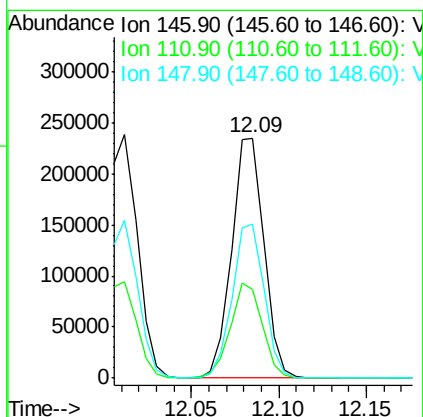
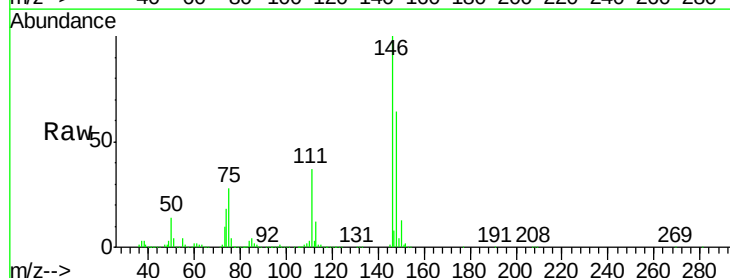
Manual Integrations
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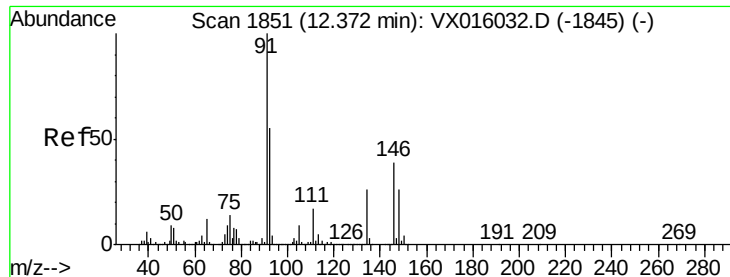
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#88
 1,4-Dichlorobenzene
 Concen: 47.260 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VX016348.D
 Acq: 19 May 2020 20:20

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.6	58.7
148	63.8	31.8	95.3





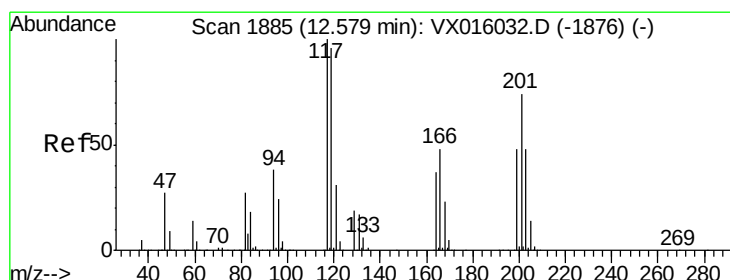
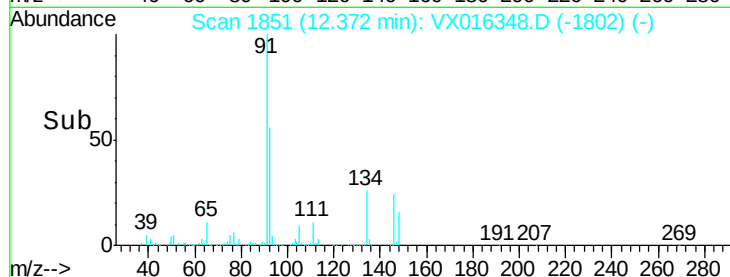
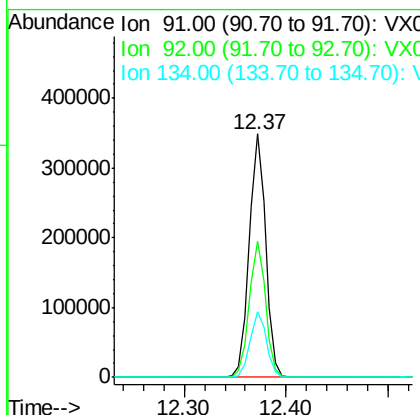
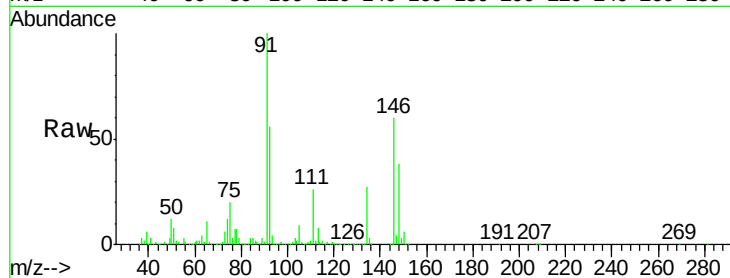
#89
n-Butylbenzene
Concen: 34.724 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016348.D
Acq: 19 May 2020 20:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100	392347		
92	55.5	27.6	82.7	
134	26.9	13.4	40.1	

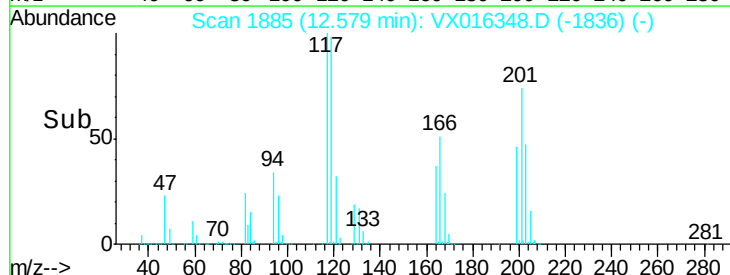
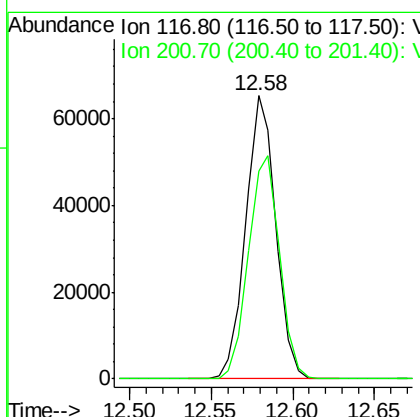
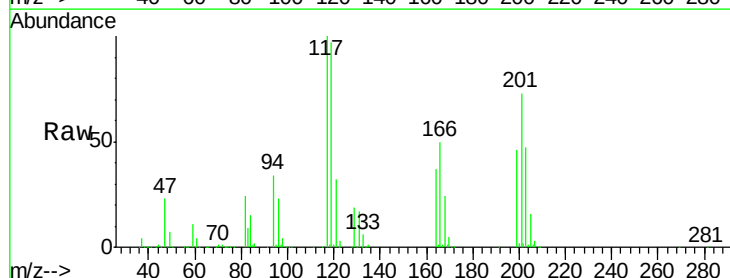
Manual Integrations
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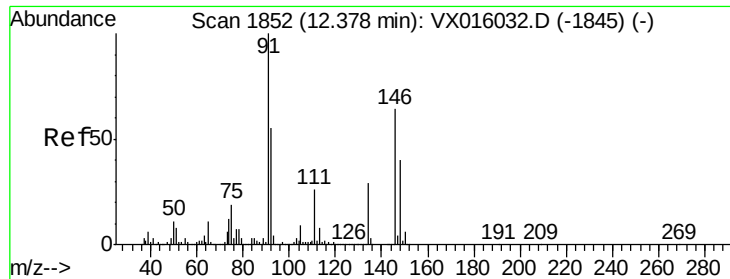
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#90
Hexachloroethane
Concen: 39.510 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016348.D
Acq: 19 May 2020 20:20

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	83925		
201	81.8	39.8	119.3	





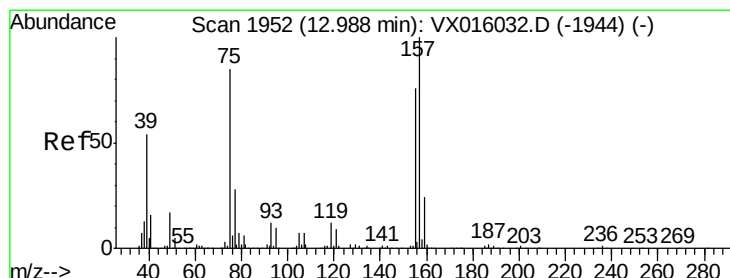
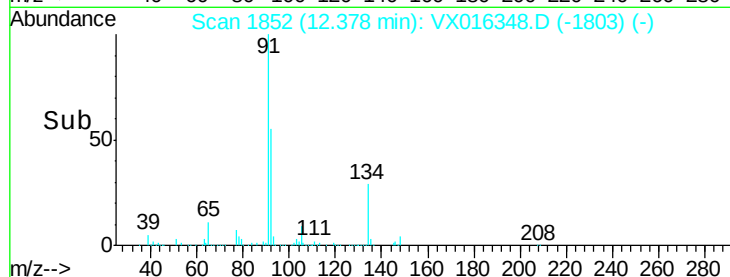
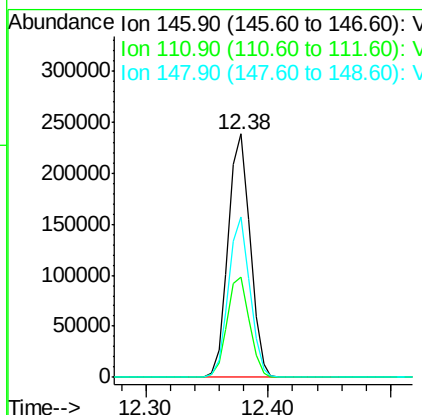
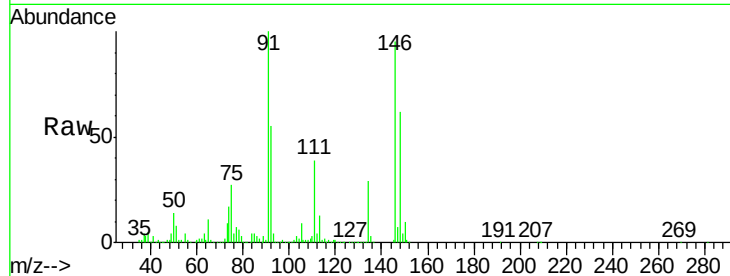
#91
 1,2-Dichlorobenzene
 Concen: 48.877 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016348.D
 Acq: 19 May 2020 20:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.0	21.1	63.1
148	64.0	32.4	97.0

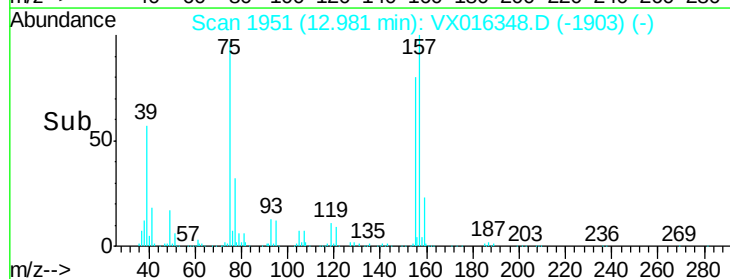
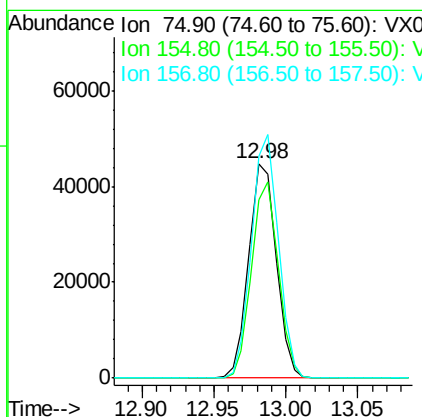
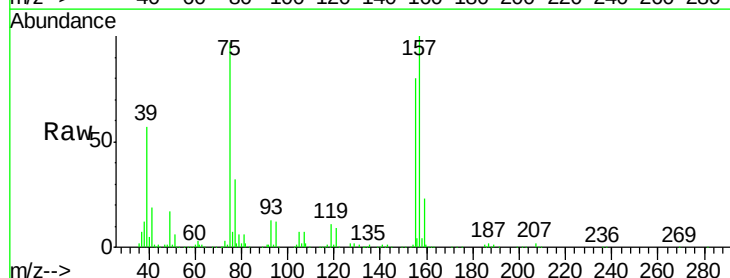
Manual Integrations
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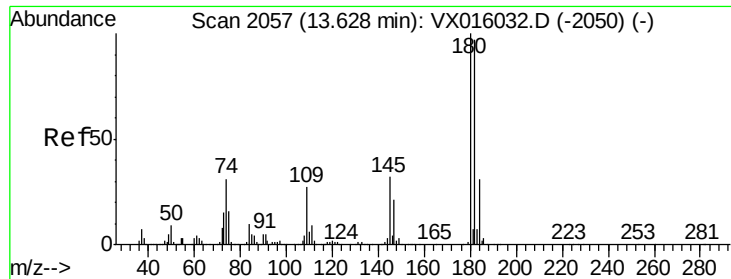
MMDadoda
 5/21/2020 1:12:04 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.958 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: VX016348.D
 Acq: 19 May 2020 20:20

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.9	42.5	127.5
157	110.9	55.3	165.8





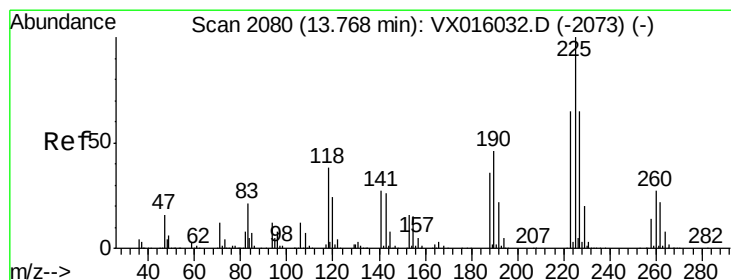
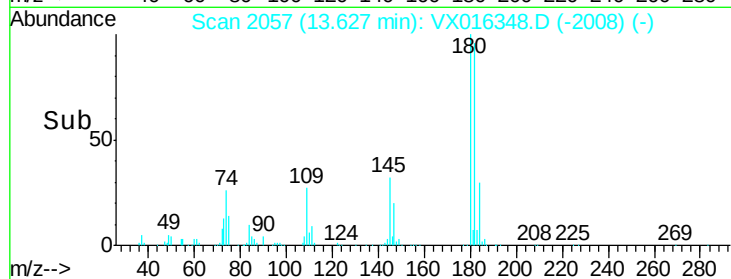
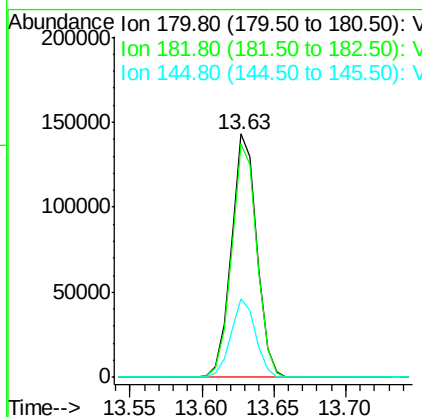
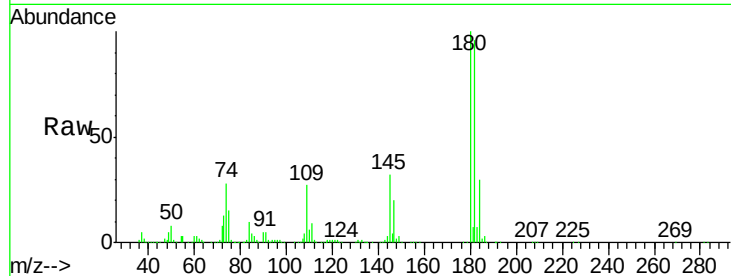
#93
 1,2,4-Trichlorobenzene
 Concen: 39.461 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016348.D
 Acq: 19 May 2020 20:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	176786		
182	95.6	48.7	146.1	
145	31.5	15.7	47.1	

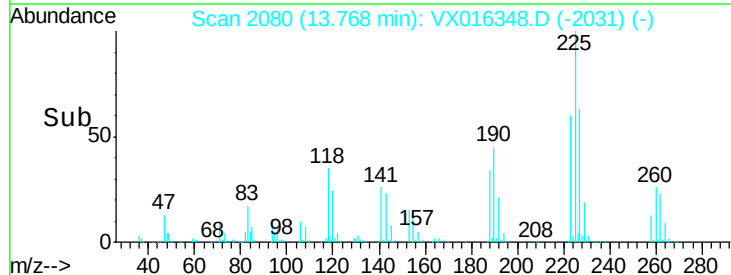
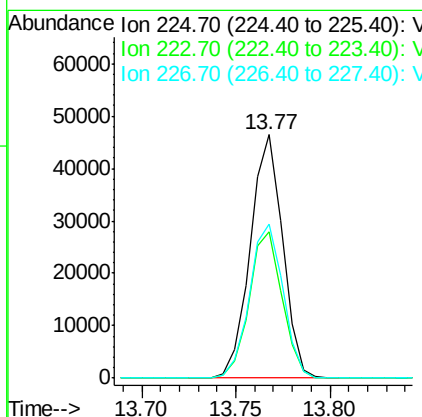
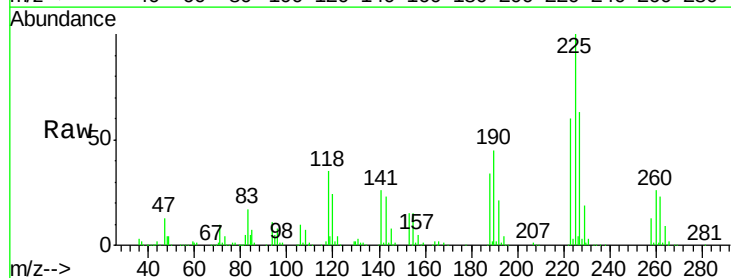
Manual Integrations
 APPROVED

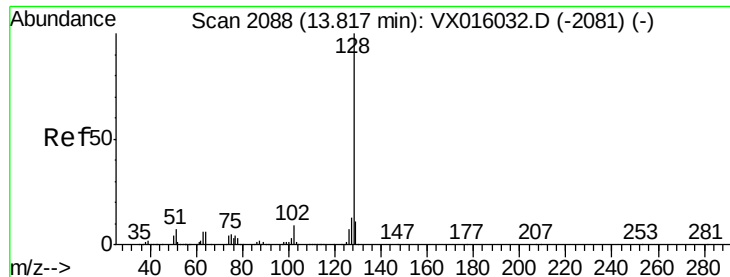
MMDadoda
 5/21/2020 1:12:04 PM



#94
 Hexachlorobutadiene
 Concen: 28.959 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016348.D
 Acq: 19 May 2020 20:20

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	55436		
223	61.2	32.3	96.9	
227	65.2	31.8	95.4	





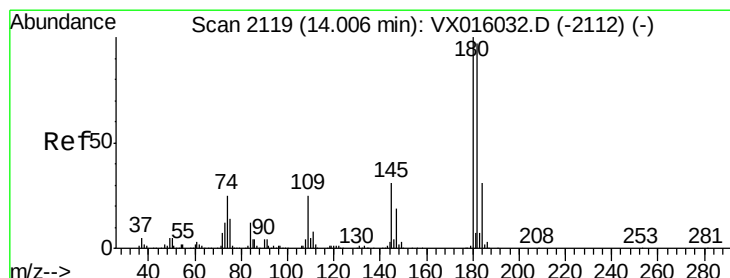
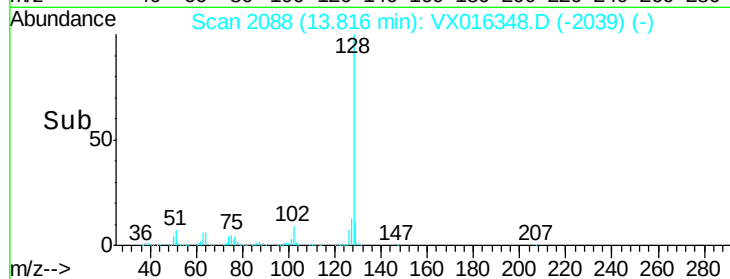
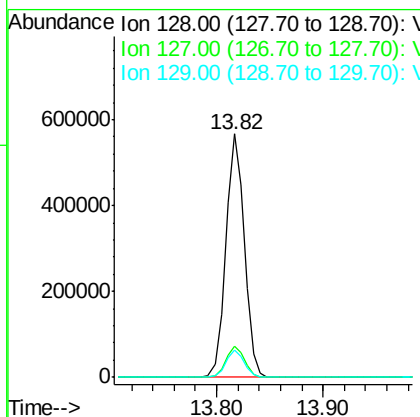
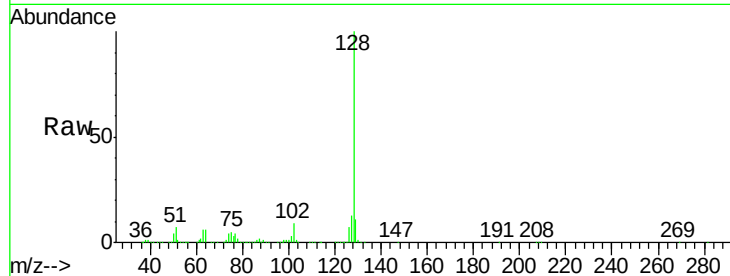
#95
Naphthalene
Concen: 47.392 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016348.D
Acq: 19 May 2020 20:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
5/21/2020 1:12:04 PM



#96
1,2,3-Trichlorobenzene
Concen: 39.727 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VX016348.D
Acq: 19 May 2020 20:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	48.4	145.0
145	32.7	16.4	49.1

