

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX052920\
 Data File : VX016501.D
 Acq On : 29 May 2020 11:05
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/1/2020 12:28:03 PM

Quant Time: May 30 01:48:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	318820	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	488380	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	444179	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	222136	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	186448	47.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.18%	
35) Dibromofluoromethane	5.46	113	148497	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
50) Toluene-d8	8.70	98	592971	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	
62) 4-Bromofluorobenzene	11.12	95	220871	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	159907	50.97	ug/l	97
3) Chloromethane	1.31	50	182523	48.14	ug/l	100
4) Vinyl Chloride	1.39	62	198044	49.39	ug/l	99
5) Bromomethane	1.62	94	104373	53.54	ug/l	98
6) Chloroethane	1.71	64	119292	51.00	ug/l	98
7) Trichlorofluoromethane	1.92	101	265622	50.44	ug/l	99
8) Diethyl Ether	2.17	74	107273	48.85	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	148229	51.15	ug/l	99
10) Methyl Iodide	2.49	142	168549	48.76	ug/l	99
11) Tert butyl alcohol	3.01	59	220568	217.25	ug/l	99
12) 1,1-Dichloroethene	2.36	96	150985	49.22	ug/l	97
13) Acrolein	2.27	56	115271	266.90	ug/l	97
14) Allyl chloride	2.70	41	274224	48.61	ug/l	99
15) Acrylonitrile	3.11	53	488301	234.79	ug/l	99
16) Acetone	2.42	43	412050	237.54	ug/l	99
17) Carbon Disulfide	2.55	76	439582	48.25	ug/l	100
18) Methyl Acetate	2.75	43	211140	47.46	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	543441	49.33	ug/l	99
20) Methylene Chloride	2.83	84	168457	46.94	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	166981	49.21	ug/l	95
22) Diisopropyl ether	3.82	45	537955	49.64	ug/l	95
23) Vinyl Acetate	3.78	43	2381555	251.05	ug/l	99
24) 1,1-Dichloroethane	3.67	63	299246	48.92	ug/l	99
25) 2-Butanone	4.63	43	662793	225.49	ug/l	99
26) 2,2-Dichloropropane	4.55	77	274004	54.74	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	189228	48.20	ug/l	99
28) Bromochloromethane	4.98	49	129063	45.40	ug/l	97
29) Tetrahydrofuran	5.08	42	448919	236.40	ug/l	99
30) Chloroform	5.17	83	305209	49.52	ug/l	97
31) Cyclohexane	5.54	56	264652	48.09	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	278223	49.86	ug/l	99
36) 1,1-Dichloropropene	5.76	75	235116	50.85	ug/l	99
37) Ethyl Acetate	4.79	43	264380	47.62	ug/l	99
38) Carbon Tetrachloride	5.75	117	246846	50.80	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	272176	54.19	ug/l	98
40) Benzene	6.11	78	695015	50.47	ug/l	100
41) Methacrylonitrile	5.00	41	143169	46.95	ug/l	99
42) 1,2-Dichloroethane	6.16	62	241753	49.37	ug/l	100
43) Isopropyl Acetate	6.41	43	423648	48.92	ug/l	99
44) Trichloroethene	7.19	130	219341	50.20	ug/l	92
45) 1,2-Dichloropropane	7.49	63	177935	50.76	ug/l	96
46) Dibromomethane	7.63	93	118440	50.30	ug/l	99
47) Bromodichloromethane	7.87	83	249753	51.23	ug/l	98
48) Methyl methacrylate	7.74	41	204225	49.26	ug/l	98
49) 1,4-Dioxane	7.71	88	86915	895.76	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1324679	245.68	ug/l	99
52) Toluene	8.76	92	445464	51.30	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	293782	52.99	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	304983	51.97	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	174496	50.54	ug/l	98
56) Ethyl methacrylate	9.16	69	293841	52.26	ug/l	100
57) 1,3-Dichloropropane	9.35	76	302300	51.01	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	664571	226.44	ug/l	100
59) 2-Hexanone	9.47	43	1034538	246.73	ug/l	99
60) Dibromochloromethane	9.57	129	199448	51.33	ug/l	100
61) 1,2-Dibromoethane	9.65	107	189361	51.22	ug/l	100
64) Tetrachloroethene	9.32	164	249863	50.28	ug/l	95
65) Chlorobenzene	10.12	112	474299	52.38	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	180068	52.09	ug/l	98
67) Ethyl Benzene	10.23	91	848182	52.61	ug/l	98
68) m/p-Xylenes	10.34	106	637572	106.66	ug/l	100
69) o-Xylene	10.68	106	305117	52.70	ug/l	99
70) Styrene	10.70	104	535188	53.78	ug/l	100
71) Bromoform	10.84	173	153992	52.71	ug/l #	99
73) Isopropylbenzene	11.00	105	805997	52.37	ug/l	100
74) N-amyl acetate	10.88	43	370667	52.36	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	198440	51.44	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	255966m	52.42	ug/l	
77) Bromobenzene	11.24	156	206625	51.18	ug/l	99
78) n-propylbenzene	11.34	91	910068	52.92	ug/l	100
79) 2-Chlorotoluene	11.40	91	549797	52.38	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	682645	53.12	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	103878	52.33	ug/l	95
82) 4-Chlorotoluene	11.49	91	653335	52.71	ug/l	100
83) tert-Butylbenzene	11.76	119	592526	53.96	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	691455	53.20	ug/l	100
85) sec-Butylbenzene	11.93	105	755455	54.84	ug/l	100
86) p-Isopropyltoluene	12.05	119	714338	55.36	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	364749	52.15	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	367742	51.41	ug/l	98
89) n-Butylbenzene	12.37	91	605125	56.30	ug/l	99
90) Hexachloroethane	12.58	117	118108	52.99	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	340303	50.22	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	62474	50.00	ug/l	97

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QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	239204	53.15	ug/l	99
94) Hexachlorobutadiene	13.77	225	106404	60.22	ug/l	99
95) Naphthalene	13.82	128	822522	53.32	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	245458	55.68	ug/l	96

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

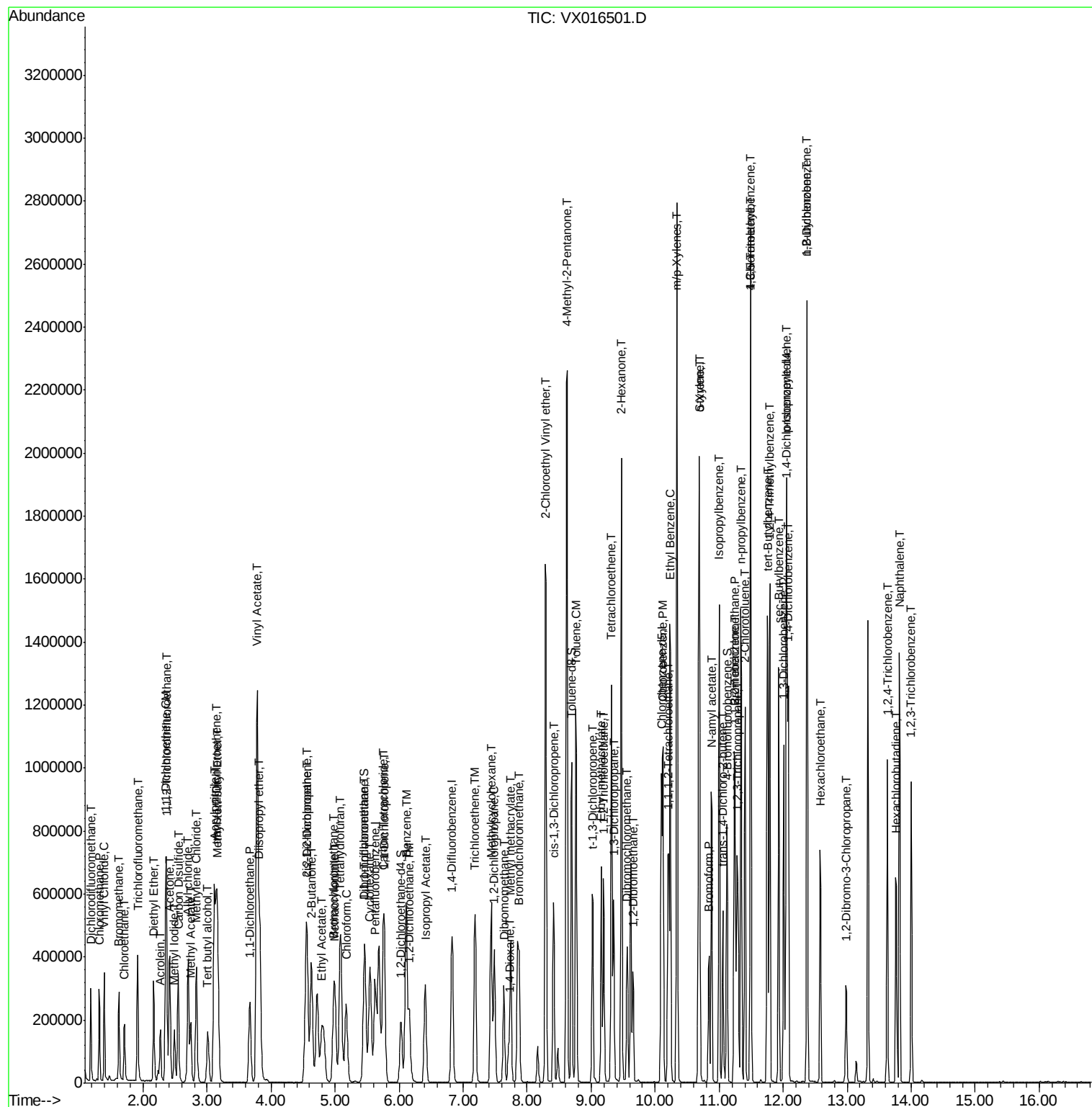
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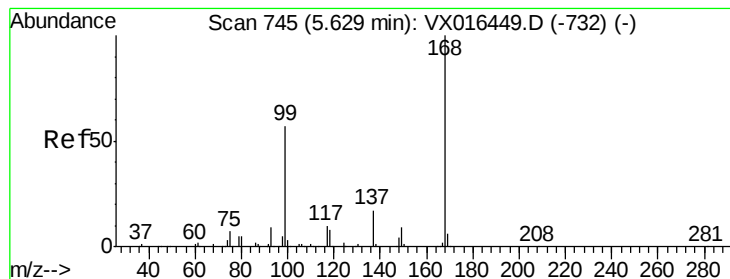
Instrument :
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:168 Resp: 318820

Ion Ratio Lower Upper

168 100

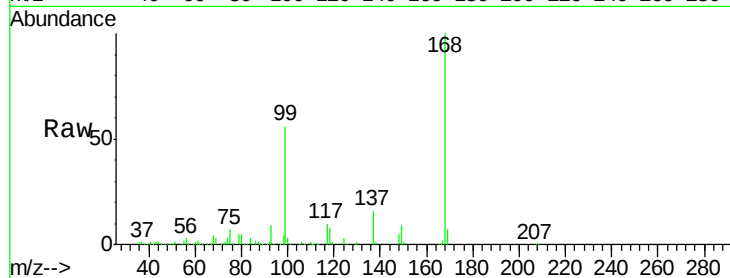
99 56.1 45.2 67.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

40000

20000

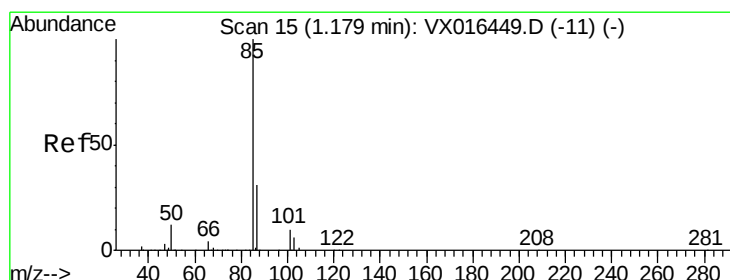
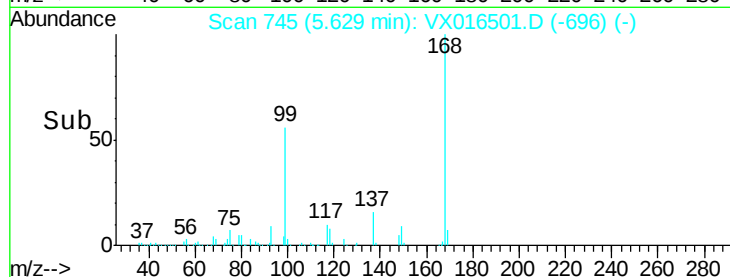
0

5.50

5.60

5.70

Time-->



#2

Dichlorodifluoromethane

Concen: 50.97 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.01 min

Lab File: VX016501.D

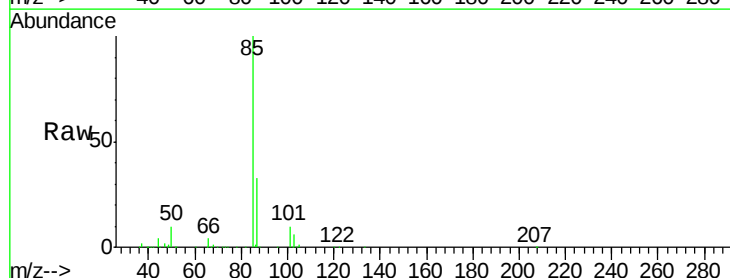
Acq: 29 May 2020 11:05

Tgt Ion: 85 Resp: 159907

Ion Ratio Lower Upper

85 100

87 32.7 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

200000

150000

100000

50000

0

1.10

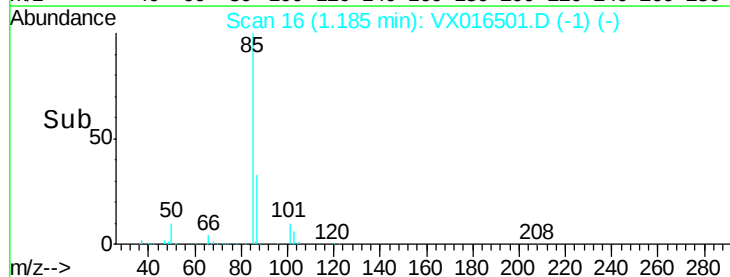
1.15

1.20

1.25

1.30

Time-->





#3

Chloromethane

Concen: 48.14 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 182523

Ion Ratio Lower Upper

50 100

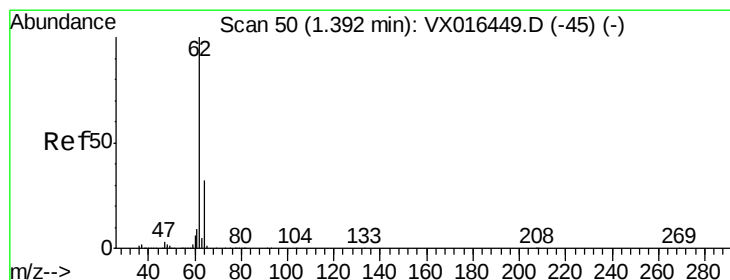
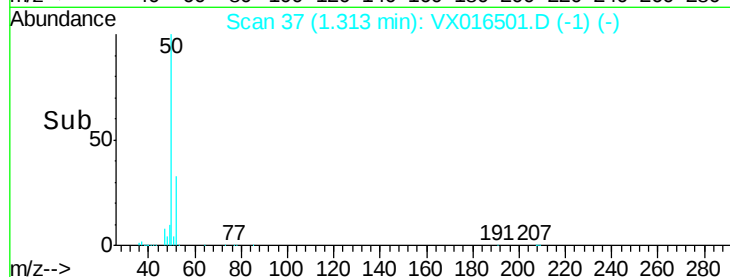
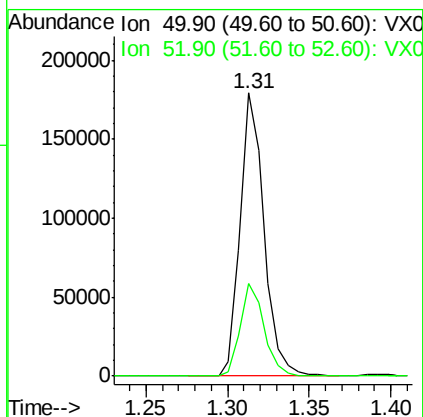
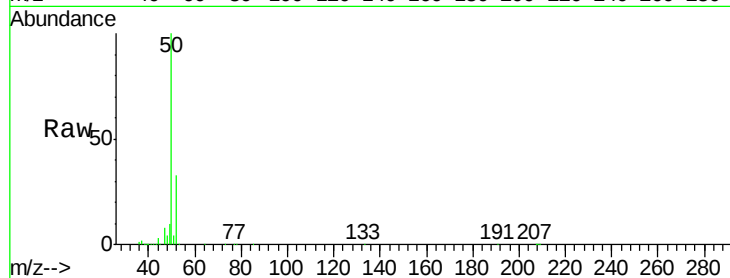
52 32.7 26.2 39.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 49.39 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016501.D

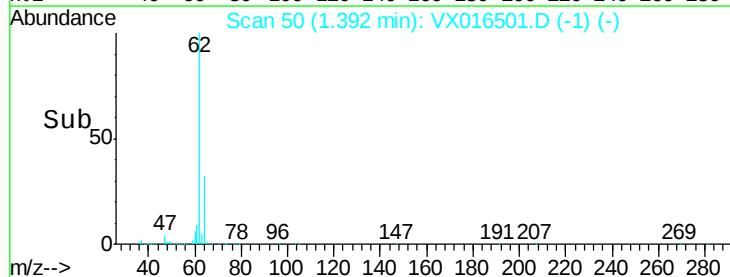
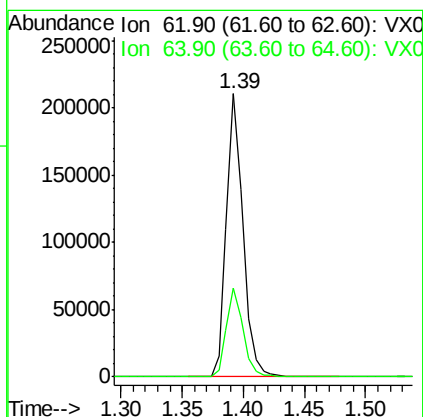
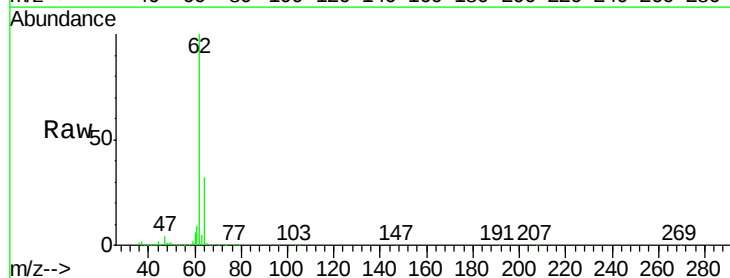
Acq: 29 May 2020 11:05

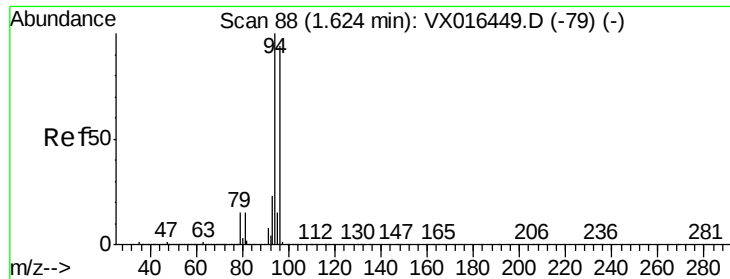
Tgt Ion: 62 Resp: 198044

Ion Ratio Lower Upper

62 100

64 31.6 25.9 38.9





#5

Bromomethane

Concen: 53.54 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 104373

Ion Ratio Lower Upper

94 100

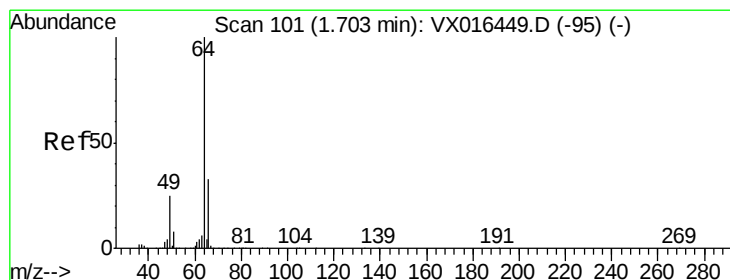
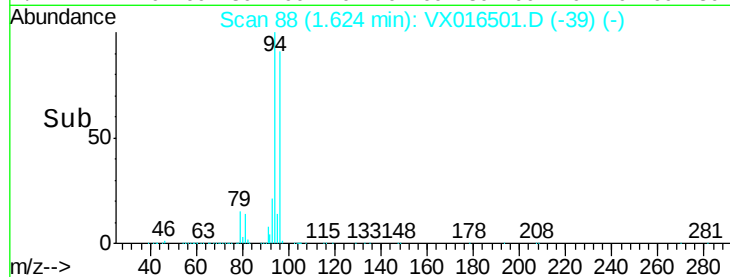
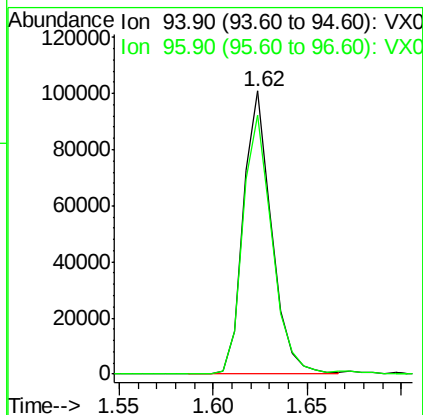
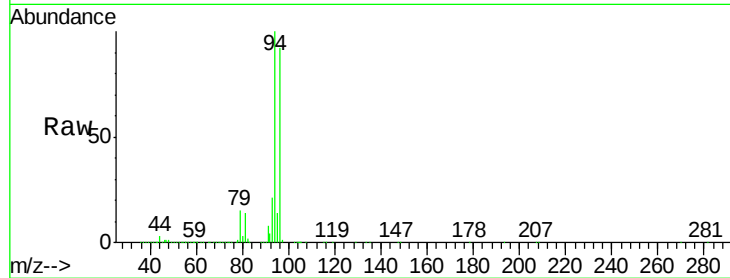
96 91.6 75.1 112.7

Manual Integrations

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#6

Chloroethane

Concen: 51.00 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX016501.D

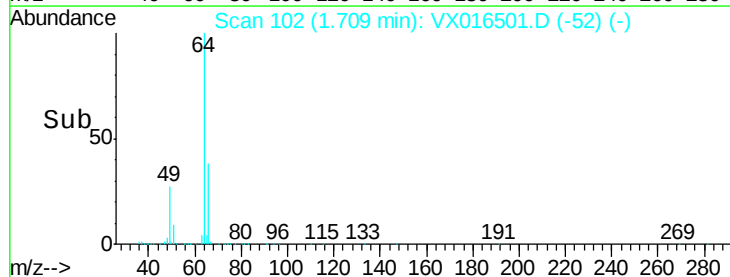
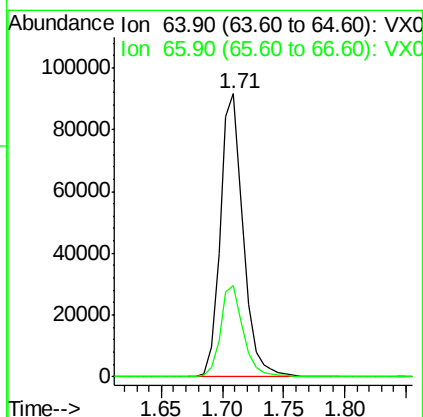
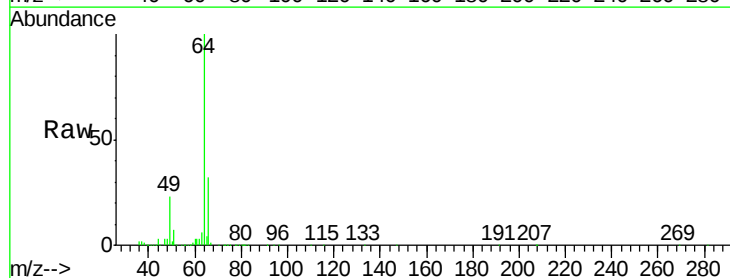
Acq: 29 May 2020 11:05

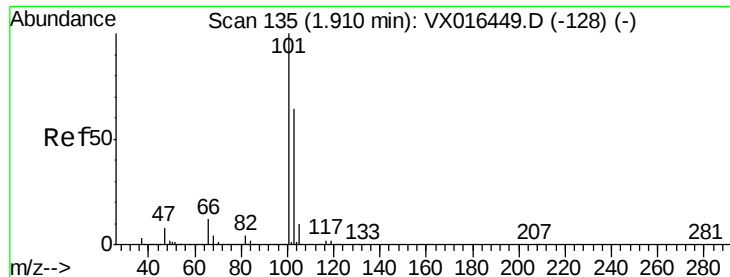
Tgt Ion: 64 Resp: 119292

Ion Ratio Lower Upper

64 100

66 32.3 26.7 40.1





#7

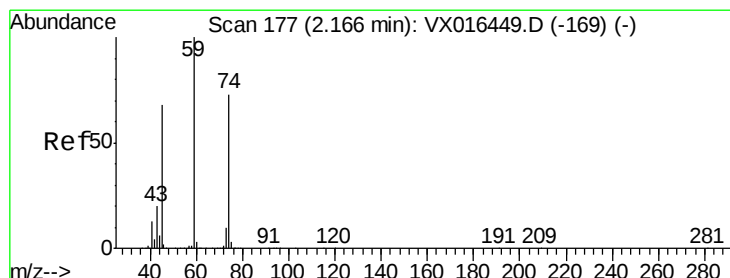
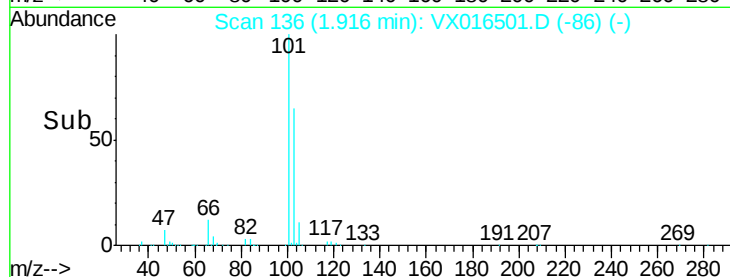
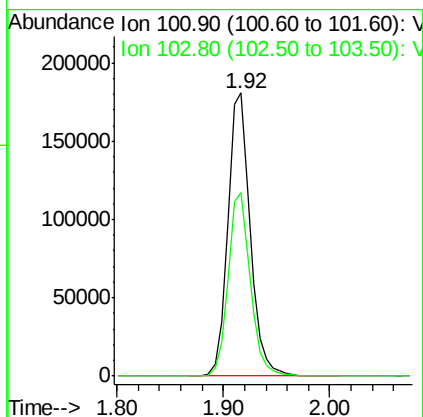
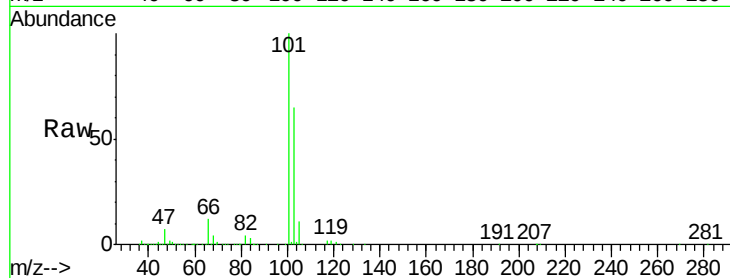
Trichlorofluoromethane
Concen: 50.44 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX016501.D
Acq: 29 May 2020 11:05

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VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
101	100		
103	64.7	50.9	76.3

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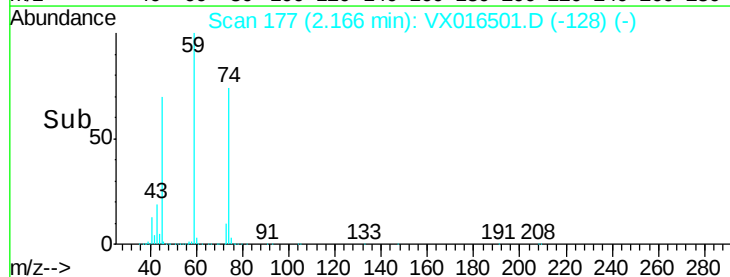
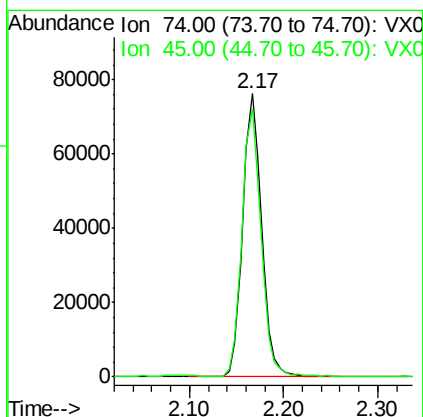
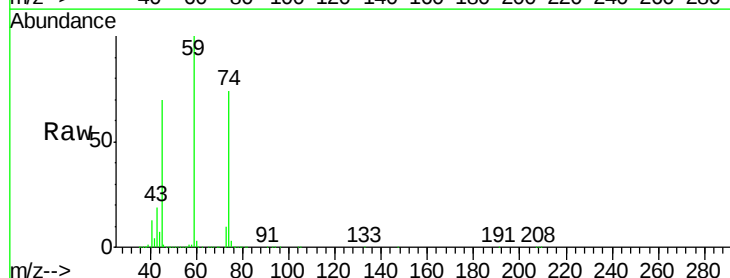
MMDadoda
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#8

Diethyl Ether
Concen: 48.85 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016501.D
Acq: 29 May 2020 11:05

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.1	47.5	142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.15 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

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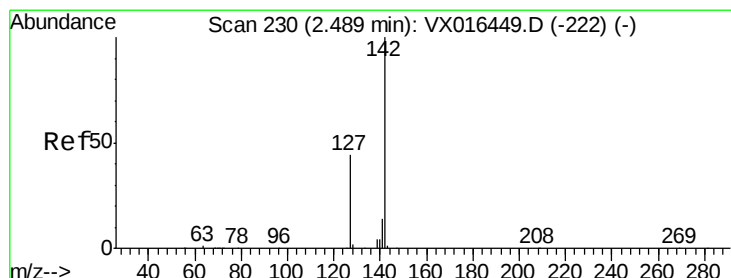
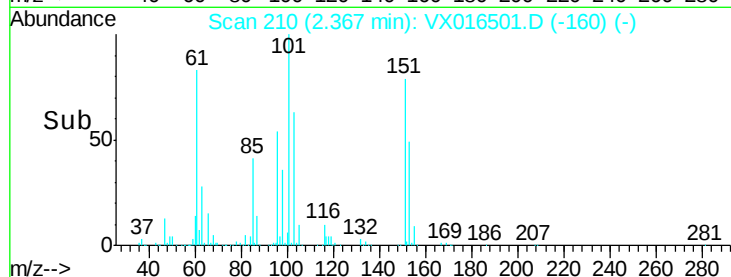
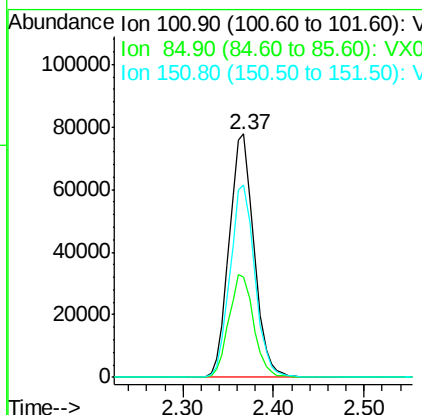
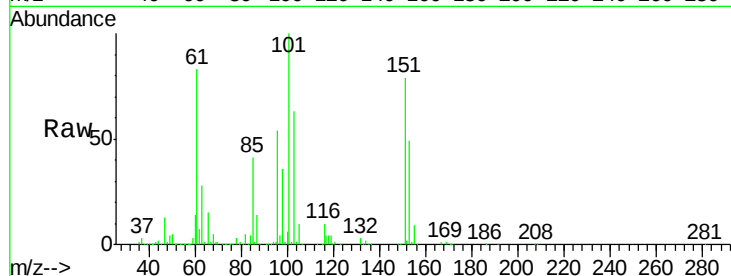
ClientSampleId :

VSTDCCC050

Tgt Ion:	101	Resp:	148229
Ion Ratio	Lower	Upper	
101	100		
85	42.3	34.4	51.6
151	79.1	63.8	95.6

Manual Integrations
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#10

Methyl Iodide

Concen: 48.76 ug/l

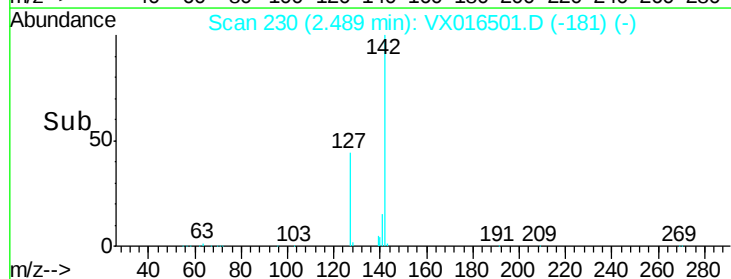
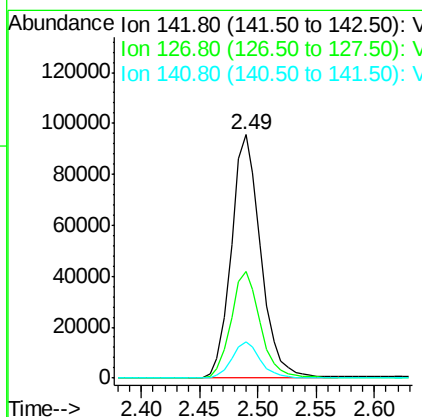
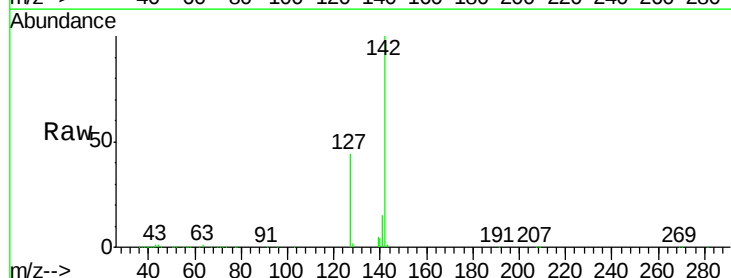
RT: 2.49 min Scan# 230

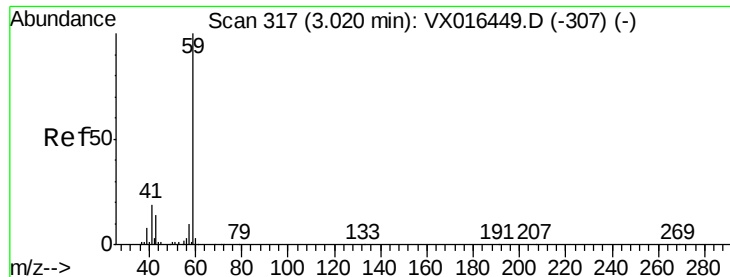
Delta R.T. 0.00 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

Tgt Ion:	142	Resp:	168549
Ion Ratio	Lower	Upper	
142	100		
127	43.8	35.3	52.9
141	14.5	11.4	17.2





#11

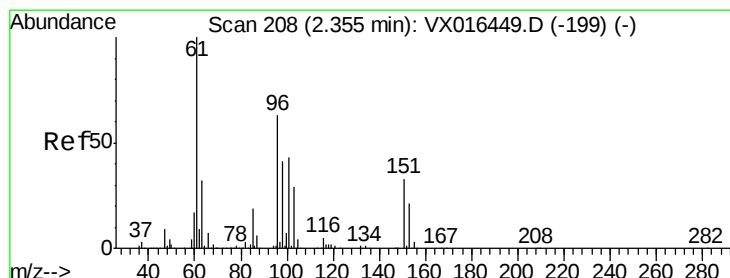
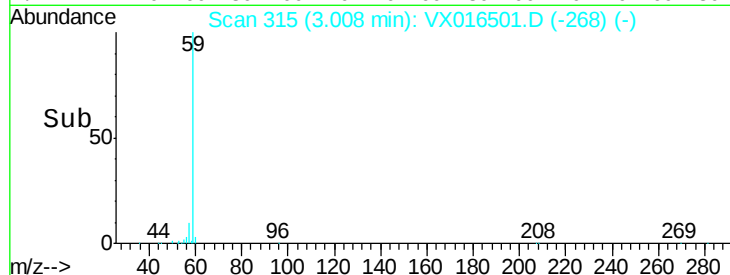
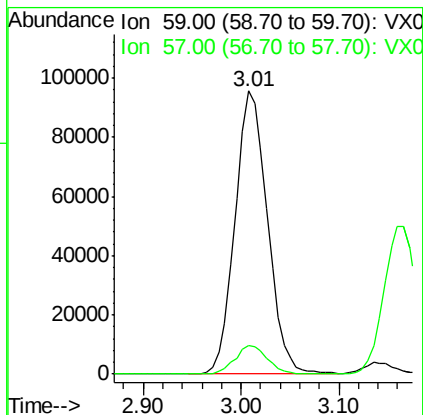
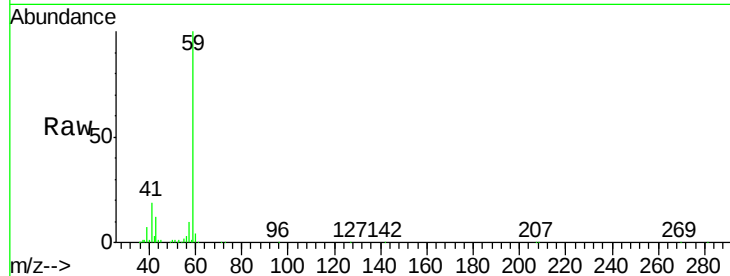
Tert butyl alcohol
Concen: 217.25 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX016501.D
Acq: 29 May 2020 11:05

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tgt Ion: 59 Resp: 220568
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.4

Manual Integrations
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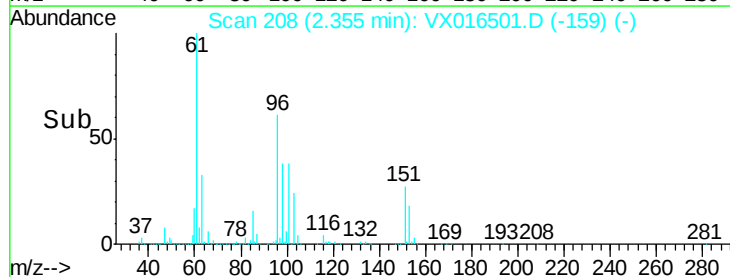
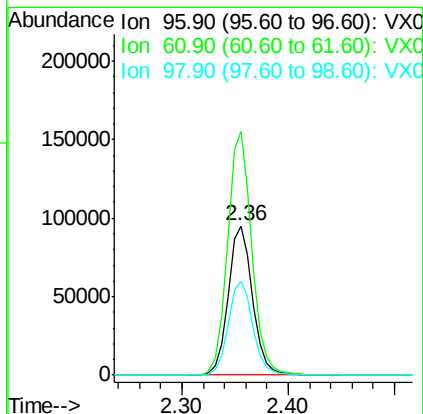
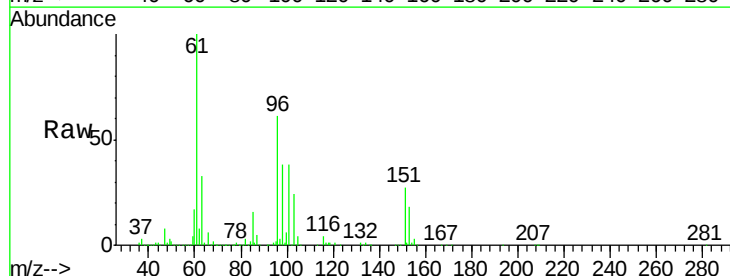
MMDadoda
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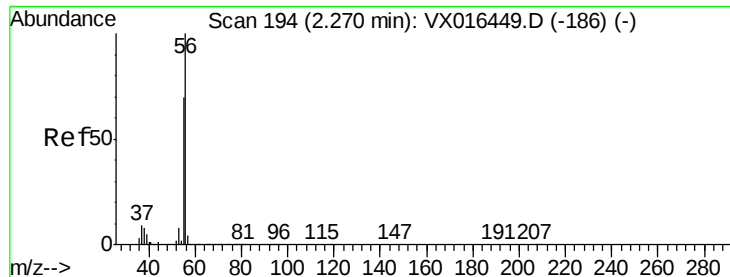


#12

1,1-Dichloroethene
Concen: 49.22 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016501.D
Acq: 29 May 2020 11:05

Tgt Ion: 96 Resp: 150985
Ion Ratio Lower Upper
96 100
61 163.6 126.6 189.8
98 62.9 51.3 76.9





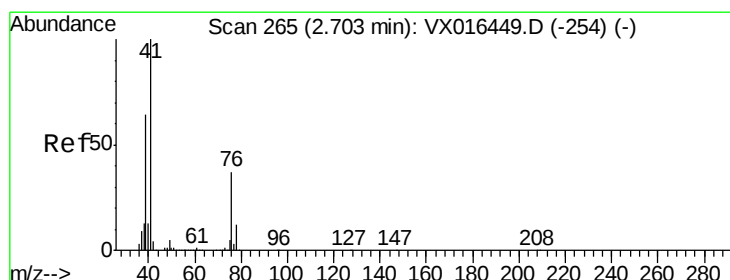
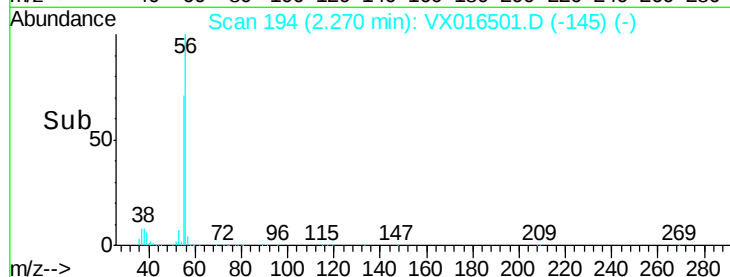
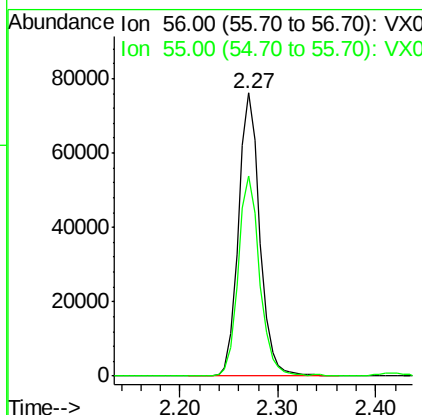
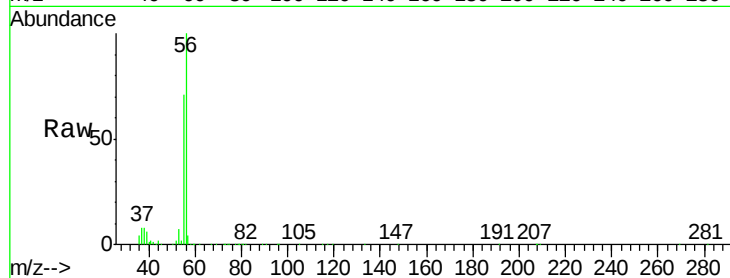
#13
Acrolein
Concen: 266.90 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.00 min
Lab File: VX016501.D
Acq: 29 May 2020 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
56	100		
55	70.7	58.3	87.5

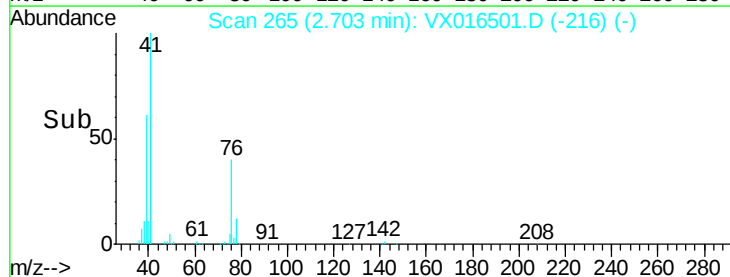
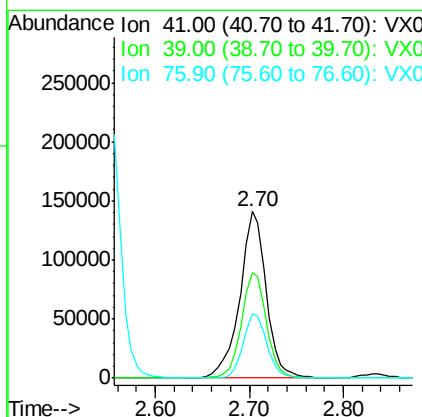
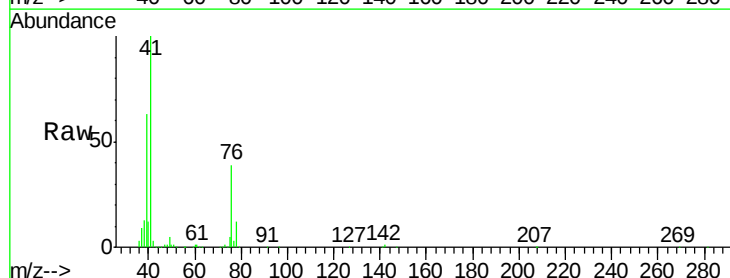
Manual Integrations
APPROVED

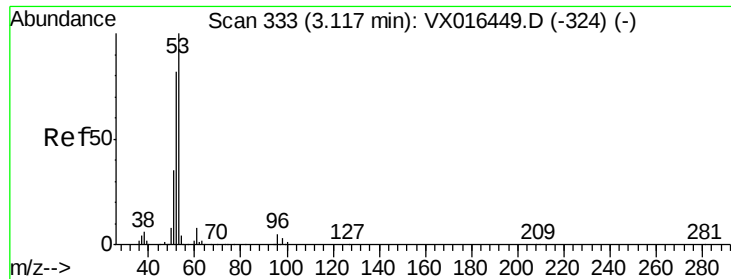
MMDadoda
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#14
Allyl chloride
Concen: 48.61 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX016501.D
Acq: 29 May 2020 11:05

Tgt Ion	Ratio	Lower	Upper
41	100		
39	60.2	47.7	71.5
76	34.8	26.6	40.0





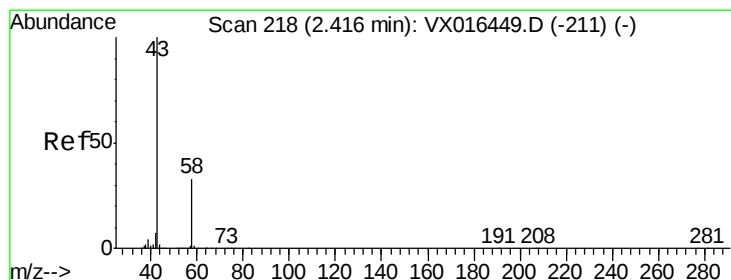
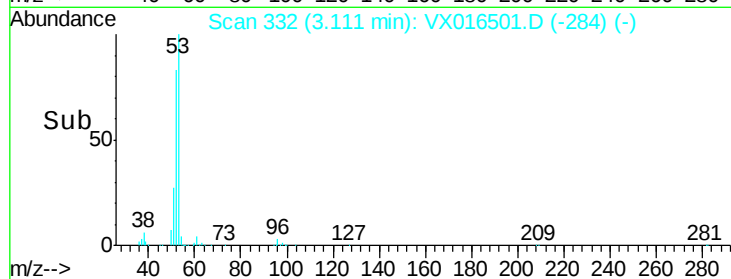
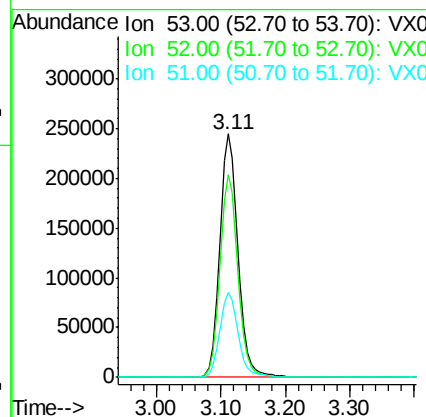
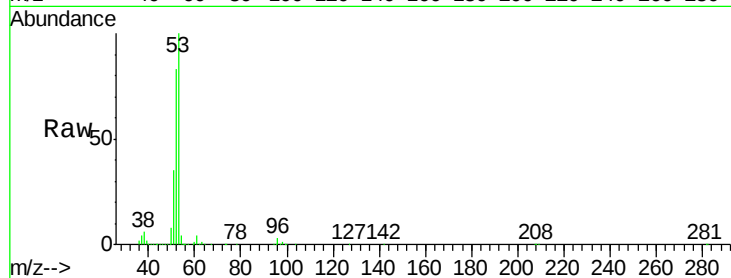
#15
 Acrylonitrile
 Concen: 234.79 ug/l
 RT: 3.11 min Scan# 332
 Delta R.T. -0.01 min
 Lab File: VX016501.D
 Acq: 29 May 2020 11:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
53	100		
52	82.0	66.7	100.1
51	35.6	28.6	43.0

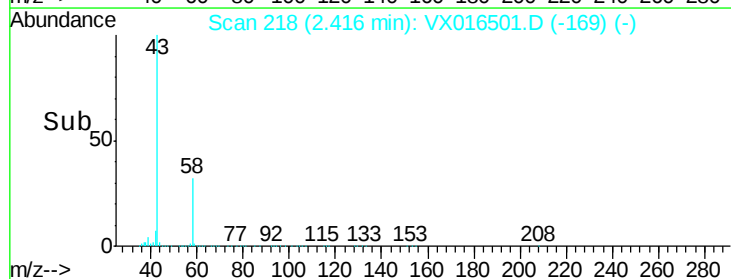
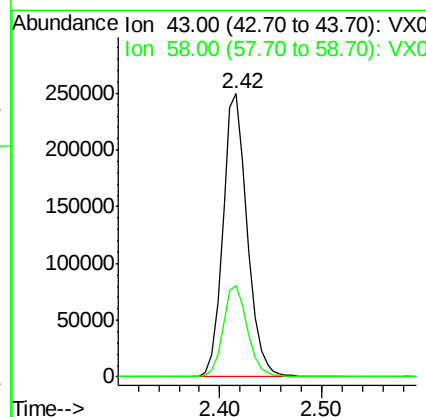
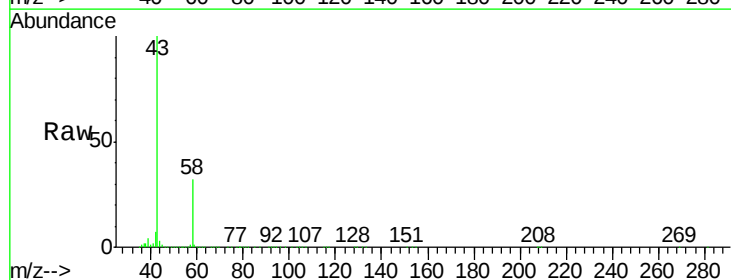
Manual Integrations
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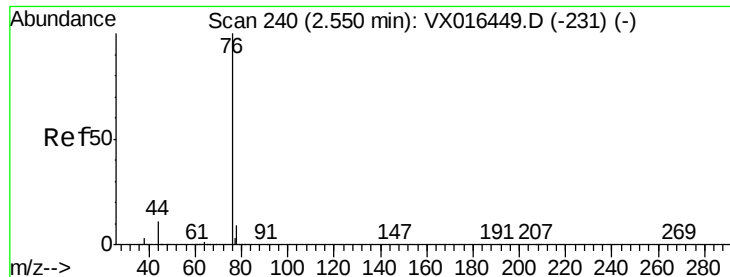
MMDadoda
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#16
 Acetone
 Concen: 237.54 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.00 min
 Lab File: VX016501.D
 Acq: 29 May 2020 11:05

Tgt Ion	Ratio	Lower	Upper
43	100		
58	32.3	26.1	39.1





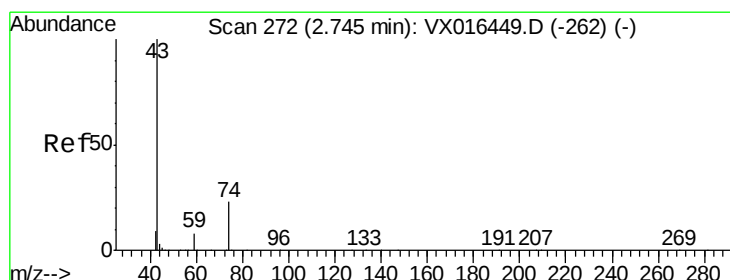
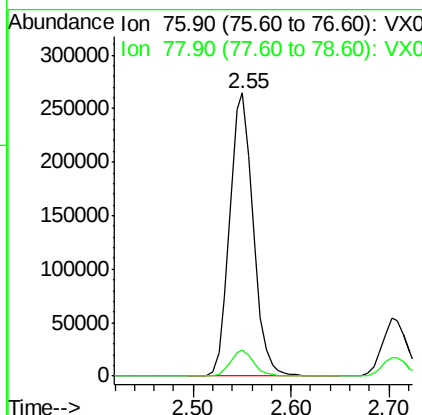
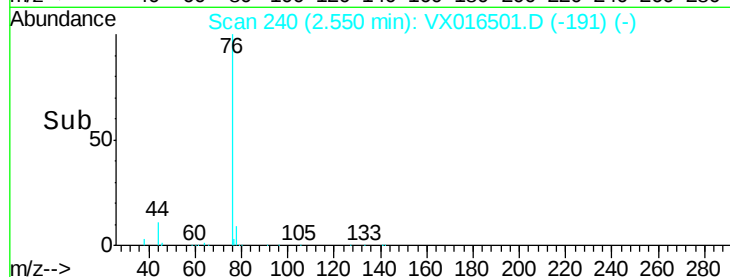
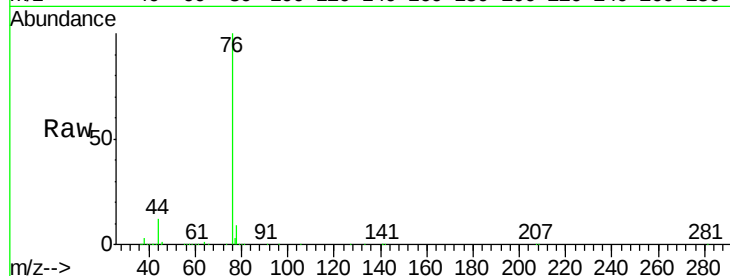
#17
Carbon Disulfide
Concen: 48.25 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX016501.D
Acq: 29 May 2020 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.4	11.0

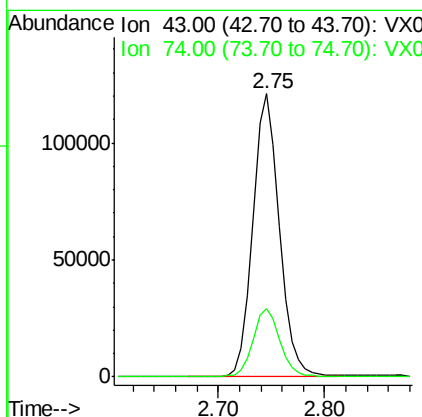
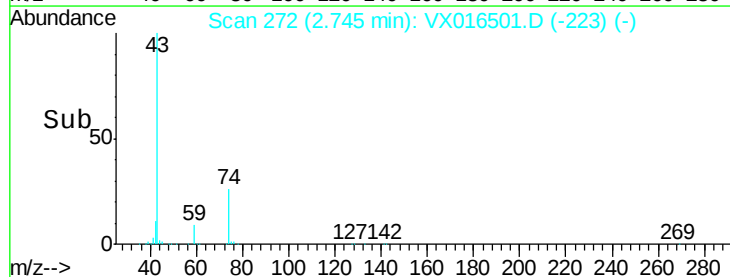
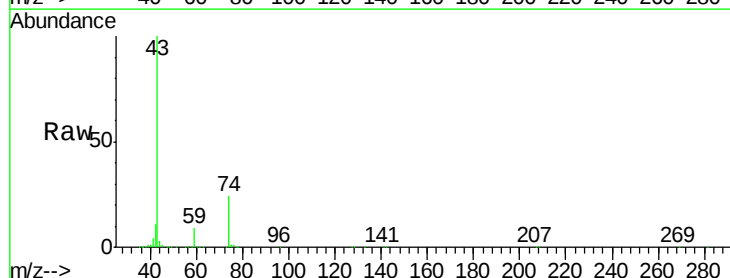
Manual Integrations
APPROVED

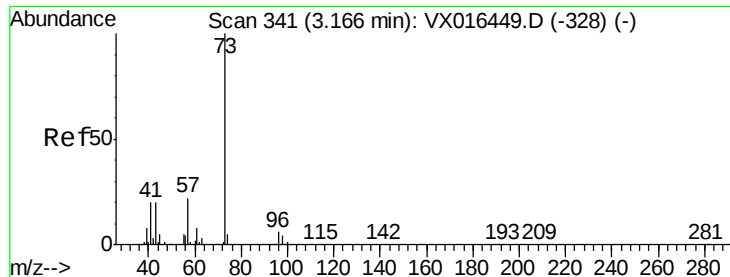
MMDadoda
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#18
Methyl Acetate
Concen: 47.46 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX016501.D
Acq: 29 May 2020 11:05

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.8	19.7	29.5





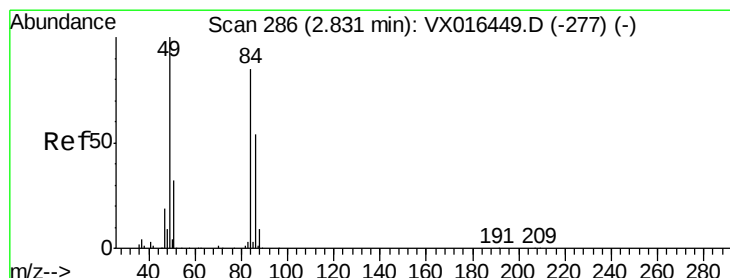
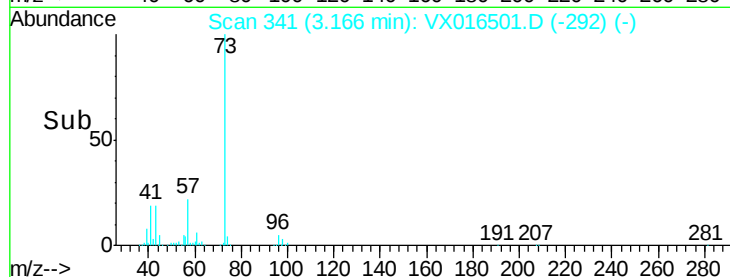
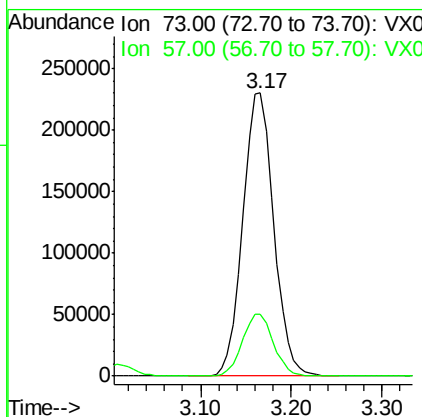
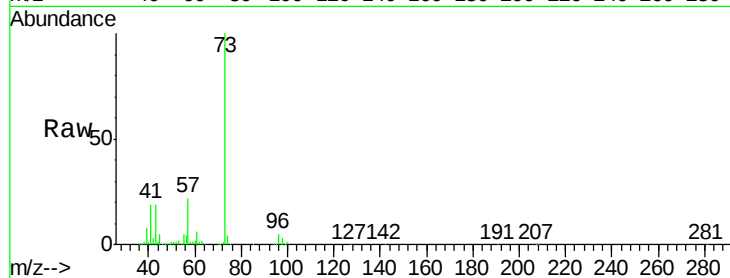
#19
Methyl tert-butyl Ether
Concen: 49.33 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016501.D
Acq: 29 May 2020 11:05

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
73	100		
57	21.7	17.8	26.6

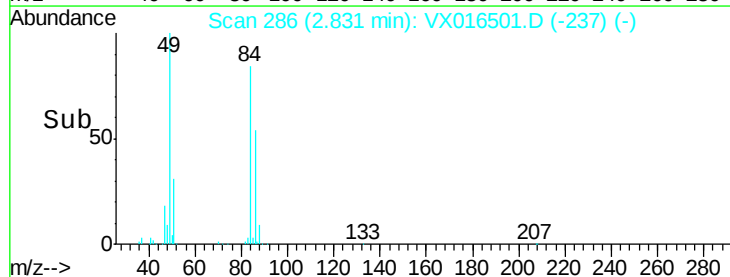
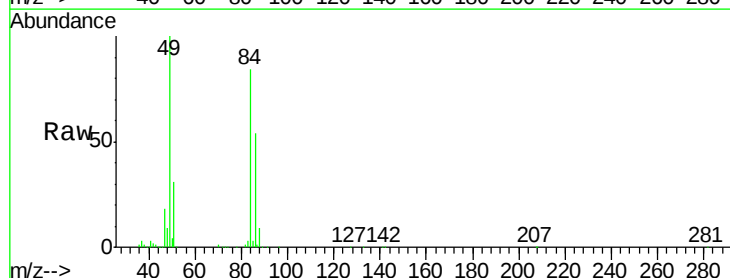
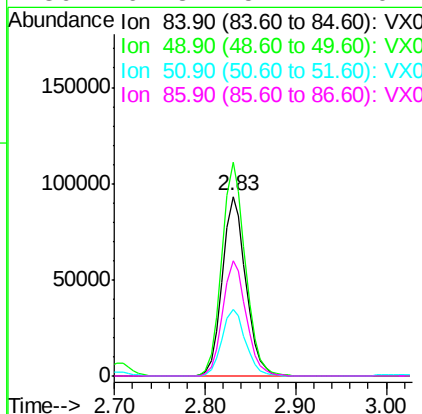
Manual Integrations
APPROVED

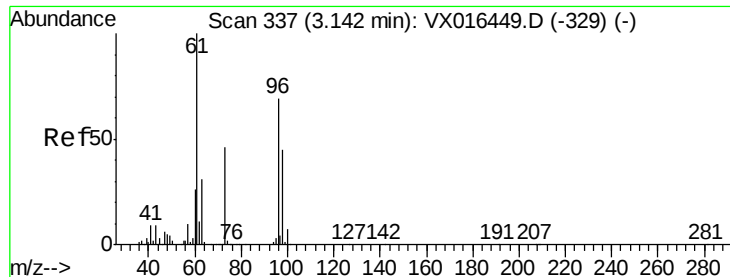
MMDadoda
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#20
Methylene Chloride
Concen: 46.94 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX016501.D
Acq: 29 May 2020 11:05

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.8	94.5	141.7
51	36.9	30.2	45.4
86	64.3	51.1	76.7





#21

trans-1,2-Dichloroethene

Concen: 49.21 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

Instrument :

MSVOA_X

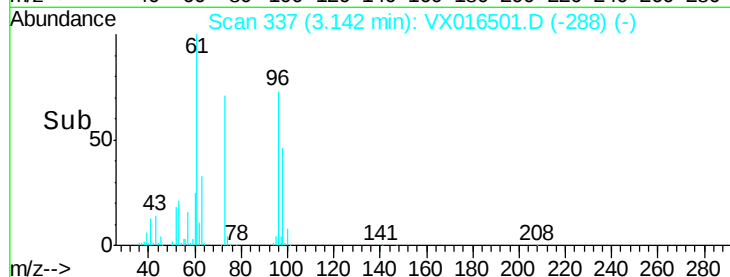
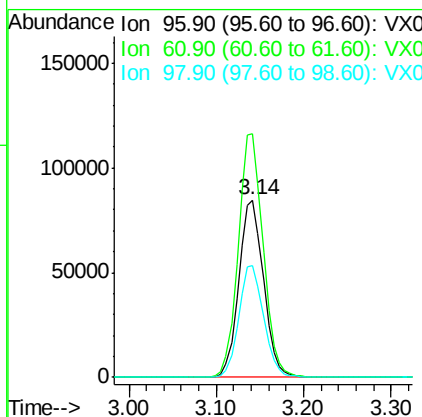
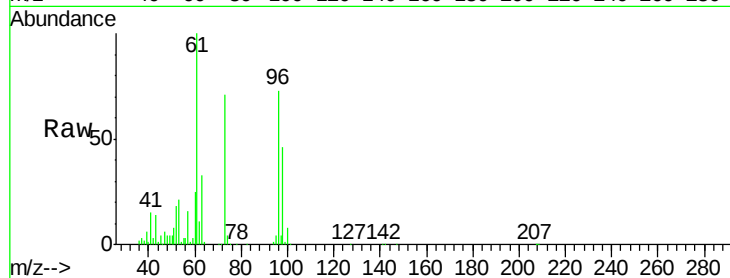
ClientSampleId :

VSTDCCC050

Tgt Ion:	96	Resp:	166981
Ion	Ratio	Lower	Upper
96	100		
61	137.2	115.3	172.9
98	63.1	51.9	77.9

Manual Integrations
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#22

Diisopropyl ether

Concen: 49.64 ug/l

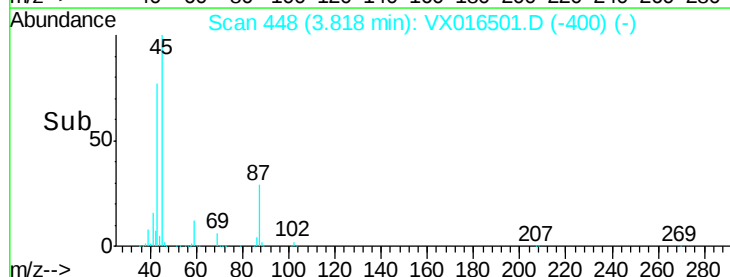
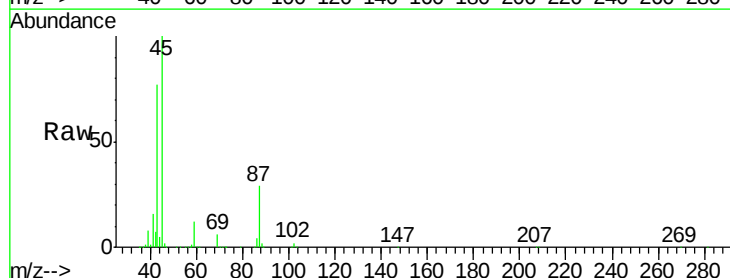
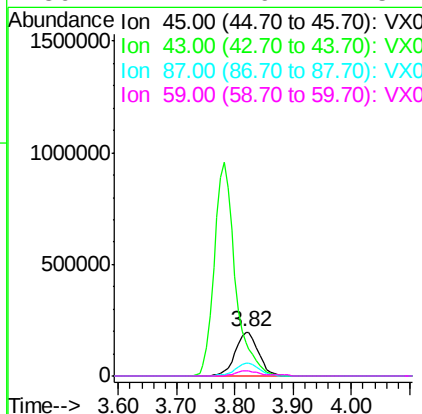
RT: 3.82 min Scan# 448

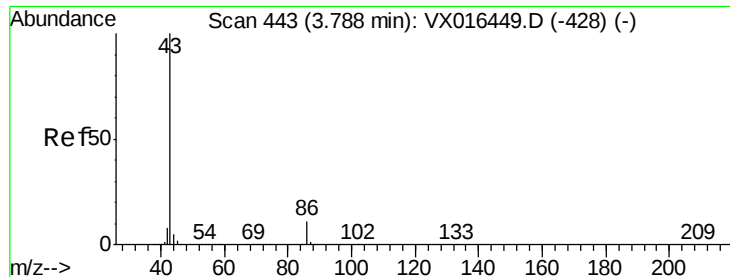
Delta R.T. -0.01 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

Tgt Ion:	45	Resp:	537955
Ion	Ratio	Lower	Upper
45	100		
43	77.2	57.0	85.6
87	29.2	22.5	33.7
59	12.2	9.1	13.7





#23

Vinyl Acetate

Concen: 251.05 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 2381555

Ion Ratio Lower Upper

43 100

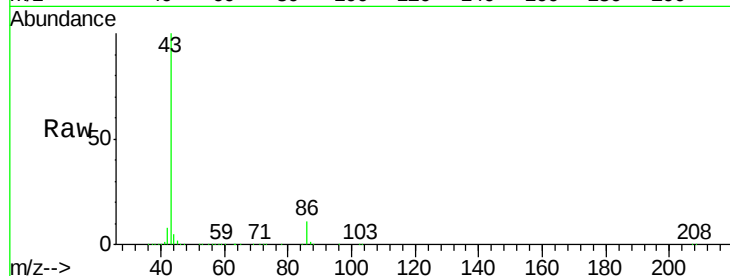
86 11.0 8.6 13.0

Manual Integrations

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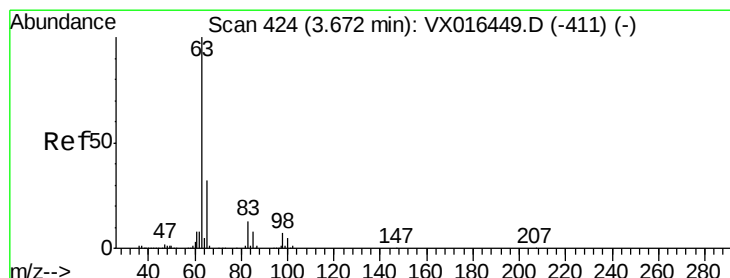
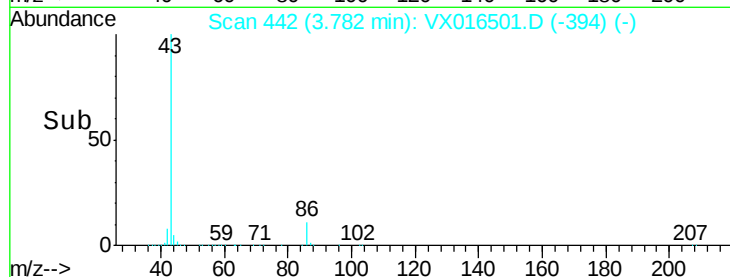
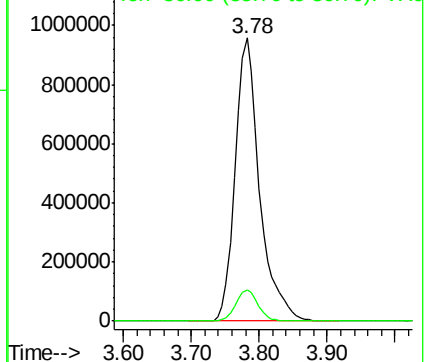
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 48.92 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

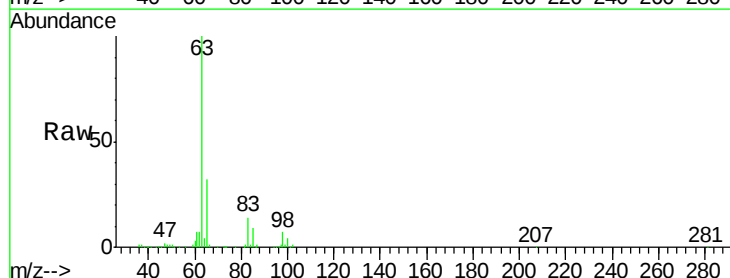
Tgt Ion: 63 Resp: 299246

Ion Ratio Lower Upper

63 100

98 6.9 3.6 10.9

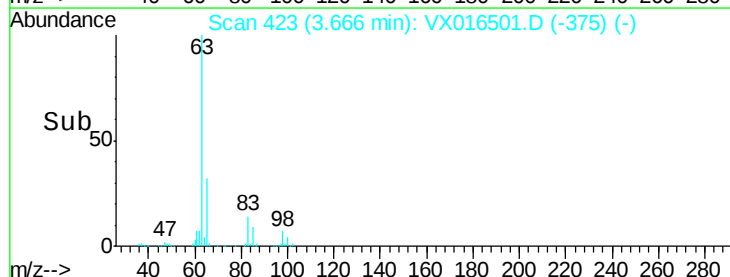
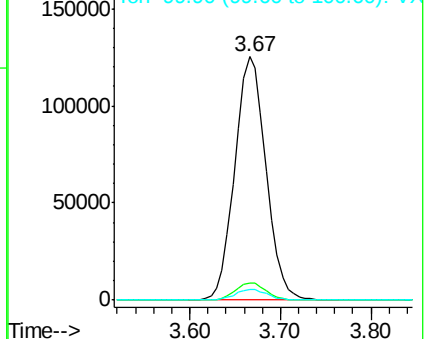
100 4.1 2.4 7.1

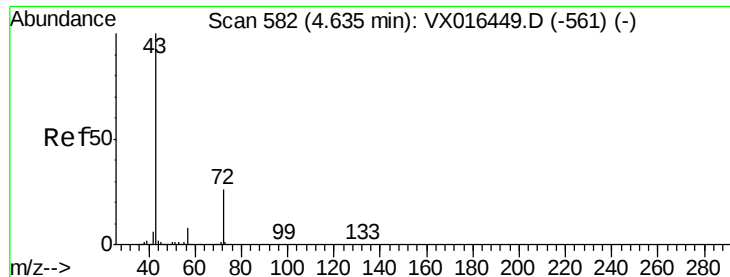


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 225.49 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 662793

Ion Ratio Lower Upper

43 100

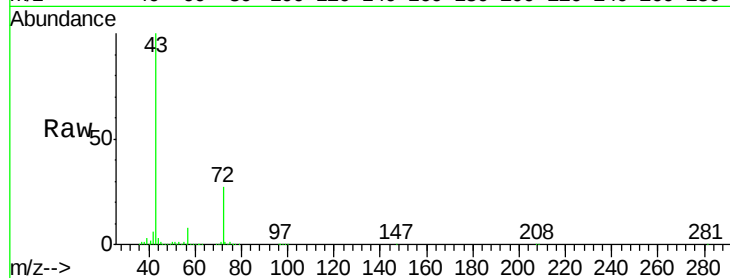
72 26.9 21.0 31.6

Manual Integrations

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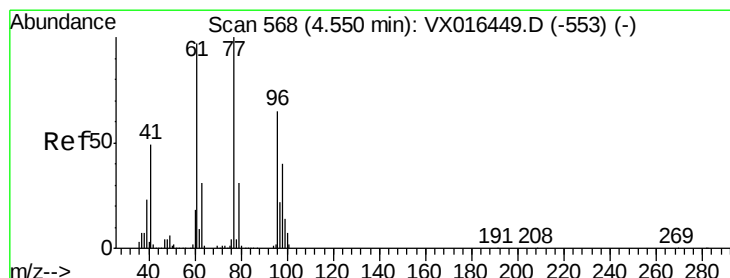
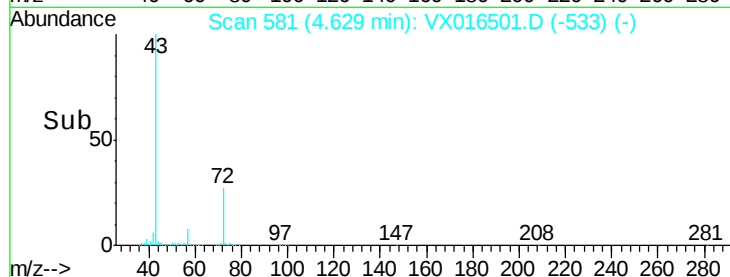
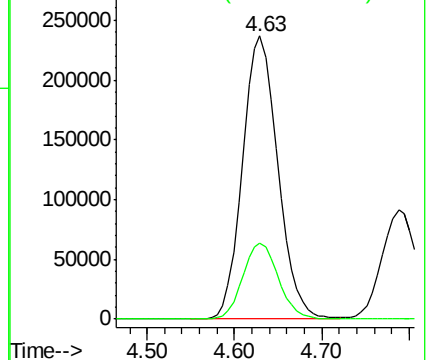
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 54.74 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016501.D

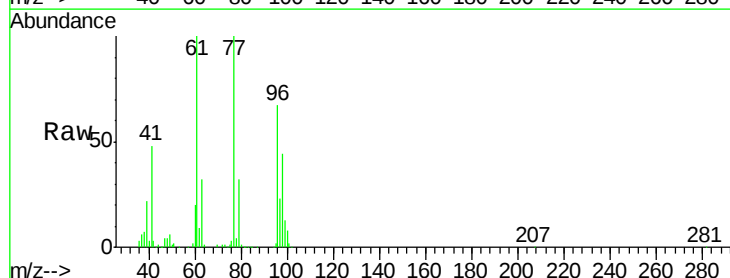
Acq: 29 May 2020 11:05

Tgt Ion: 77 Resp: 274004

Ion Ratio Lower Upper

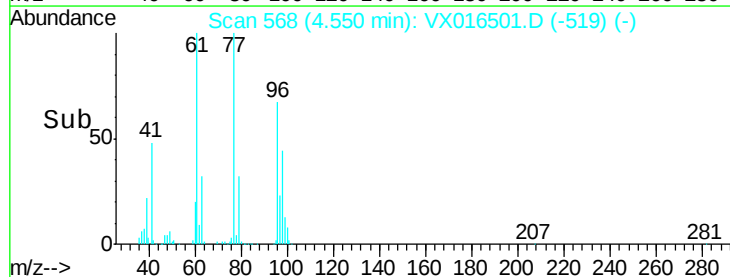
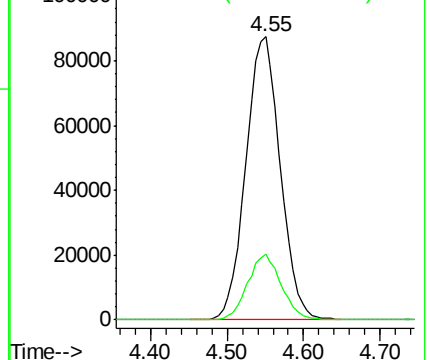
77 100

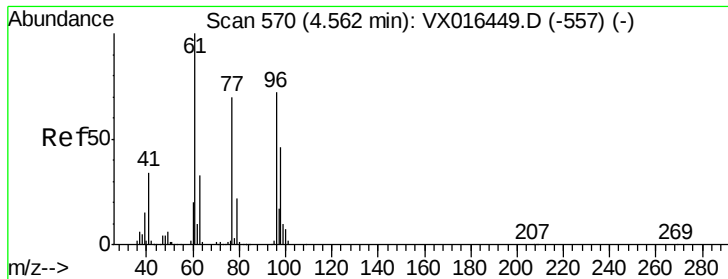
97 22.7 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

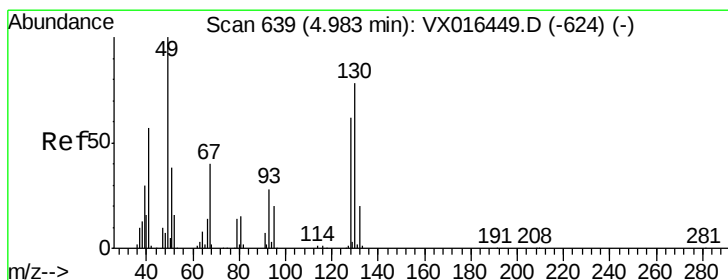
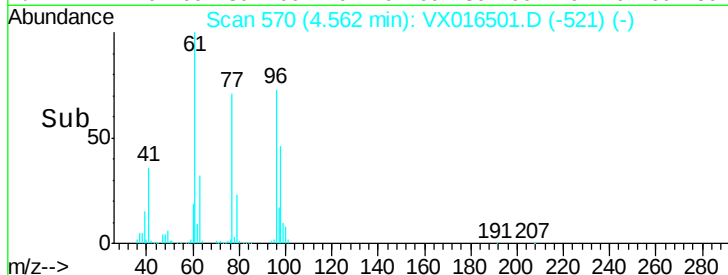
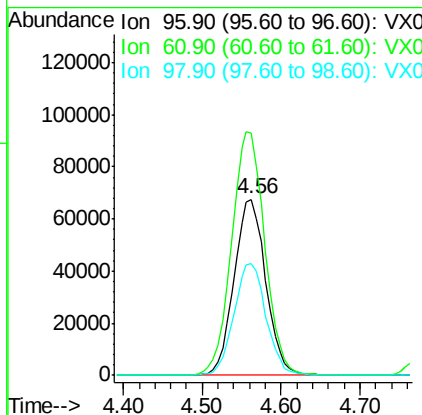
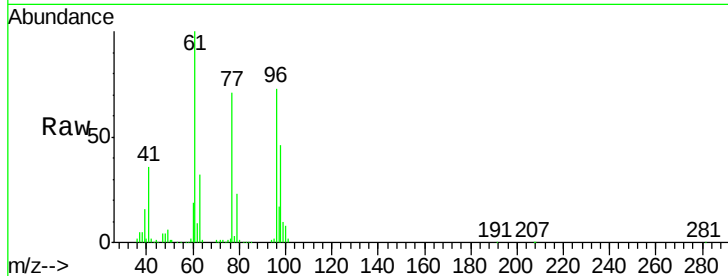
cis-1,2-Dichloroethene
Concen: 48.20 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX016501.D
Acq: 29 May 2020 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	189228		
61	144.4	0.0	284.6	
98	64.3	0.0	127.2	

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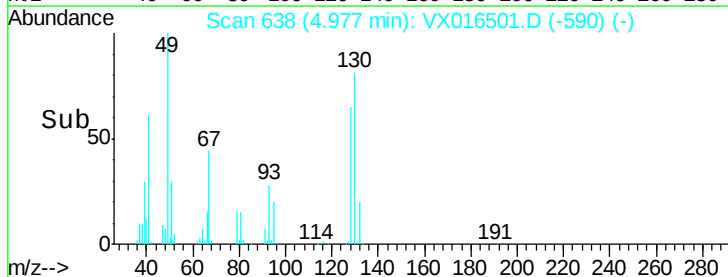
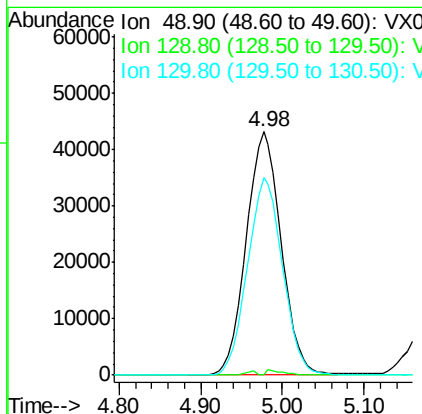
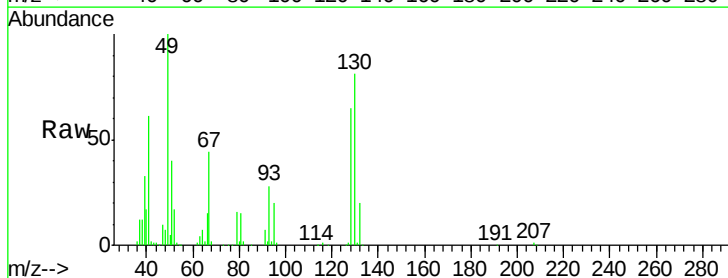
MMDadoda
6/1/2020 12:28:03 PM



#28

Bromochloromethane
Concen: 45.40 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX016501.D
Acq: 29 May 2020 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	129063		
129	0.9	0.0	4.0	
130	81.3	63.0	94.4	





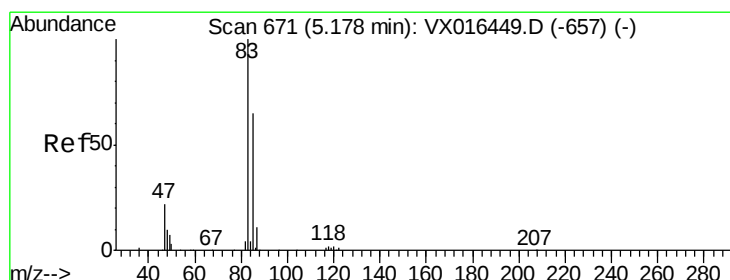
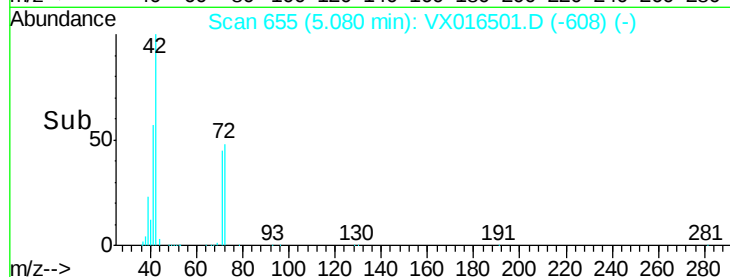
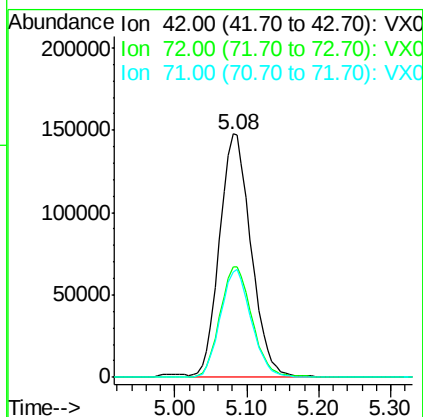
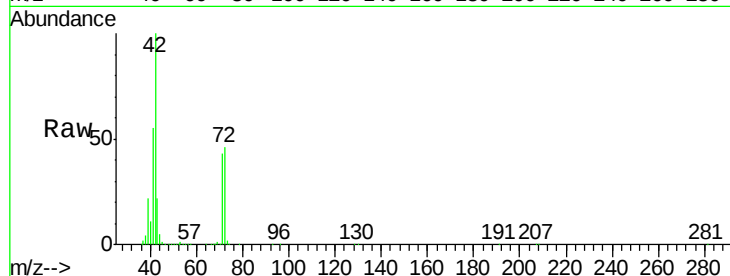
#29
Tetrahydrofuran
Concen: 236.40 ug/l
RT: 5.08 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX016501.D
Acq: 29 May 2020 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	46.5	37.0	55.4
71	43.6	34.1	51.1

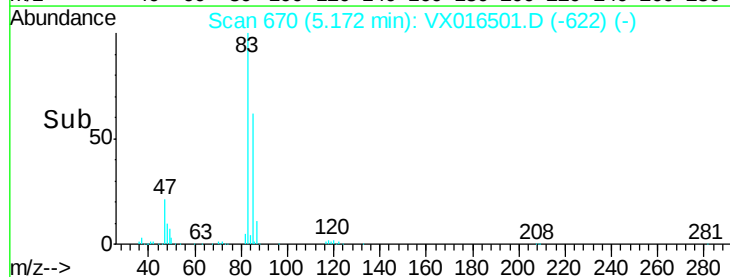
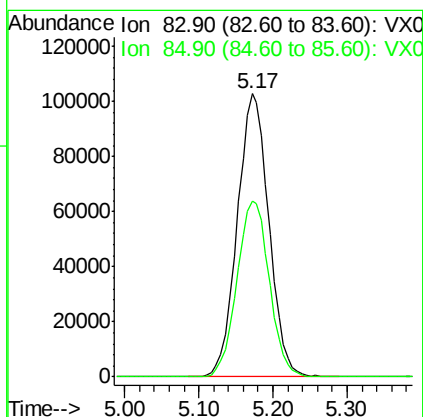
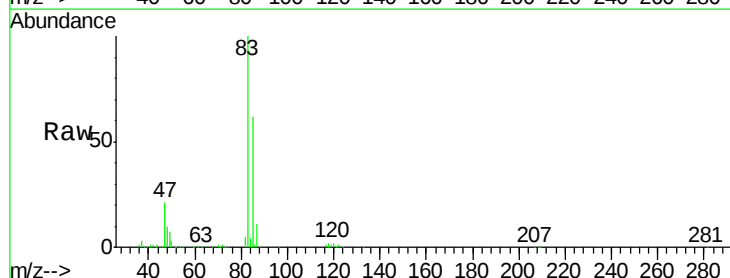
Manual Integrations
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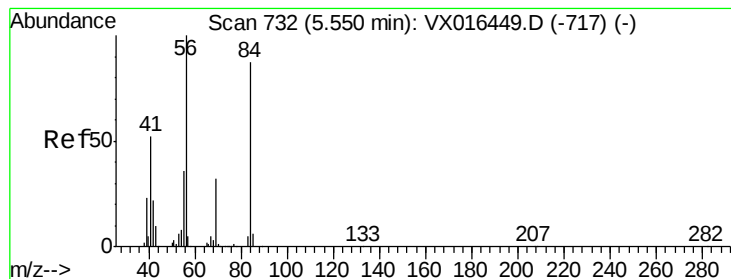
MMDadoda
6/1/2020 12:28:03 PM



#30
Chloroform
Concen: 49.52 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX016501.D
Acq: 29 May 2020 11:05

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.3	52.0	78.0





#31

Cyclohexane

Concen: 48.09 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

Instrument :

MSVOA_X

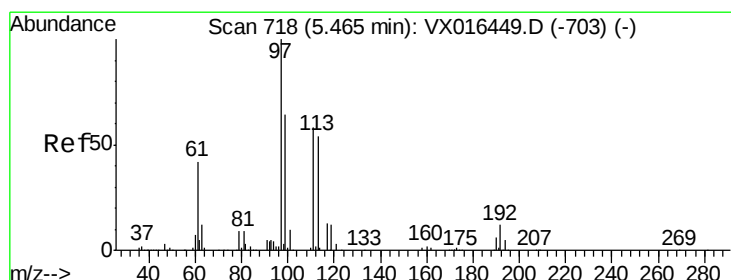
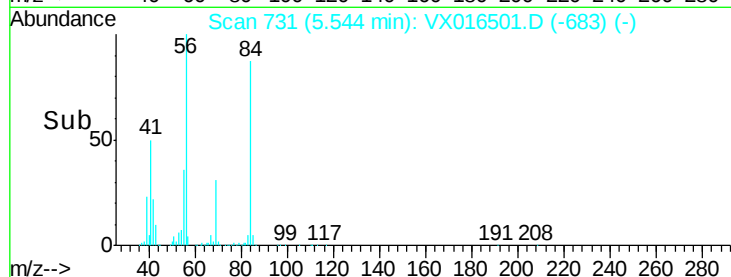
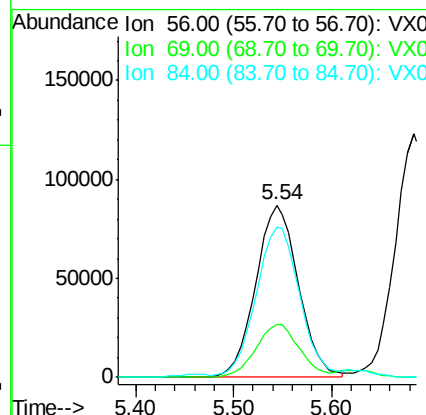
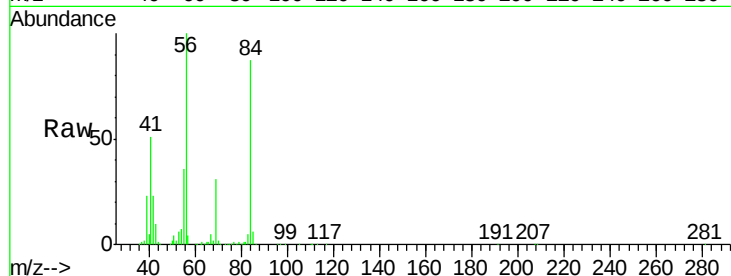
ClientSampleId :

VSTDCCC050

Tgt Ion:	56	Resp:	264652
Ion Ratio	Lower	Upper	
56	100		
69	30.7	25.7	38.5
84	85.2	70.0	105.0

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#32

1,1,1-Trichloroethane

Concen: 49.86 ug/l

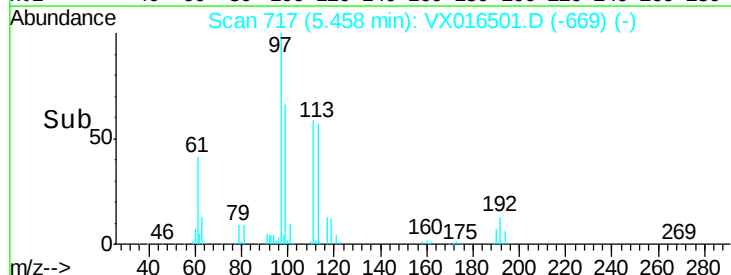
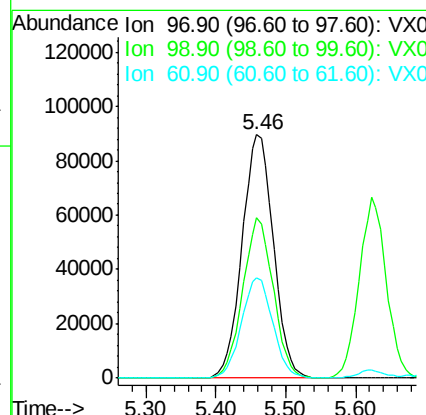
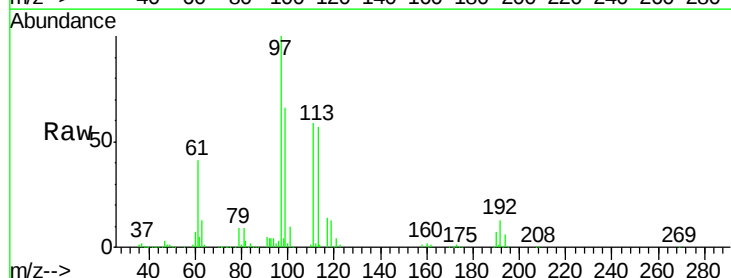
RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

Tgt Ion:	97	Resp:	278223
Ion Ratio	Lower	Upper	
97	100		
99	64.2	51.4	77.2
61	41.2	33.5	50.3





#33

1,2-Dichloroethane-d4

Concen: 47.09 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 186448

Ion Ratio Lower Upper

65 100

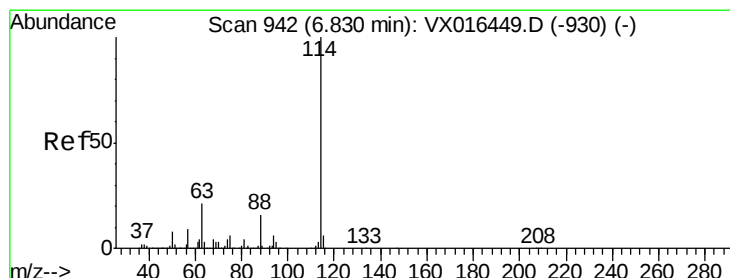
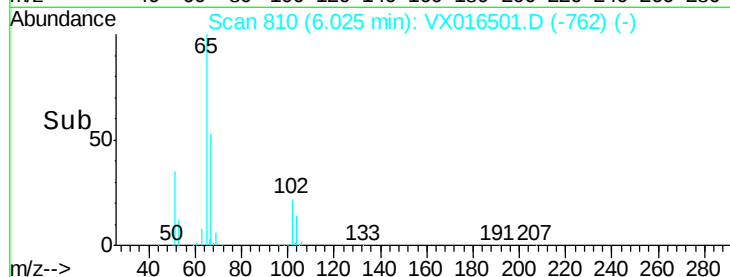
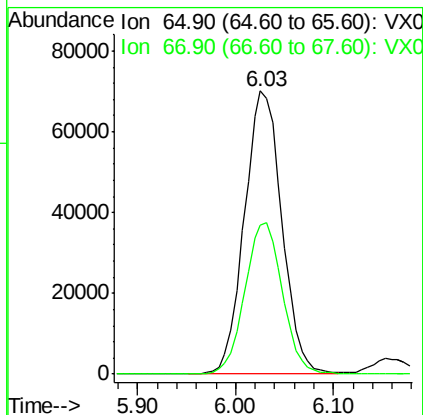
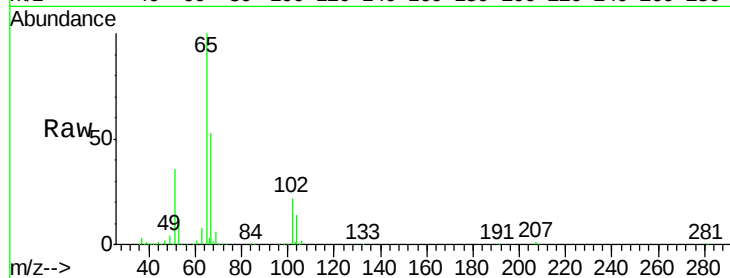
67 53.5 0.0 104.8

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.82 min Scan# 941

Delta R.T. -0.01 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

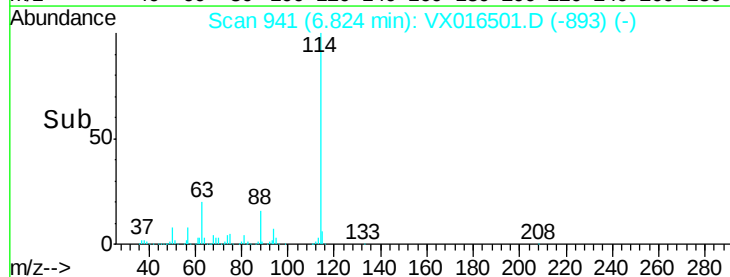
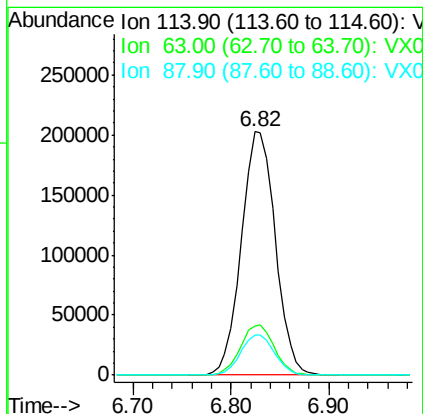
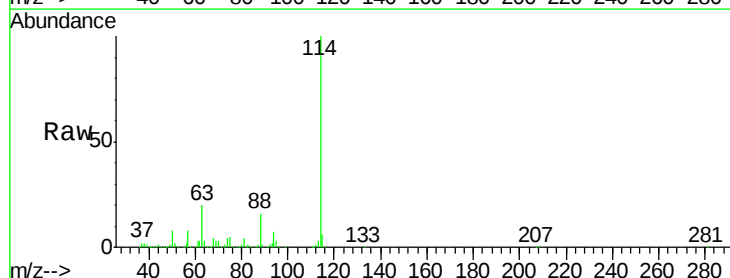
Tgt Ion: 114 Resp: 488380

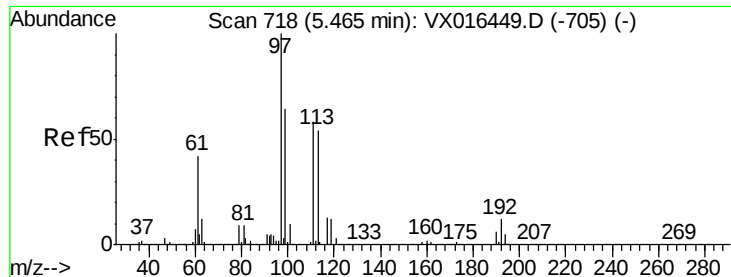
Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.6

88 16.4 0.0 32.8





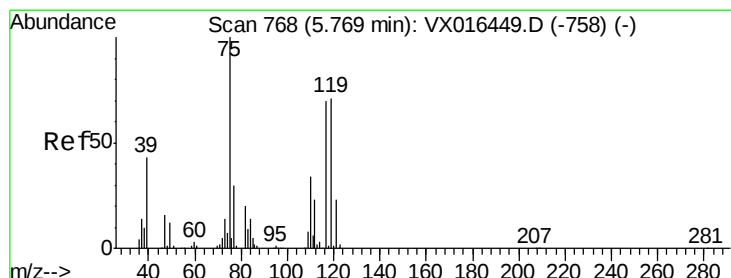
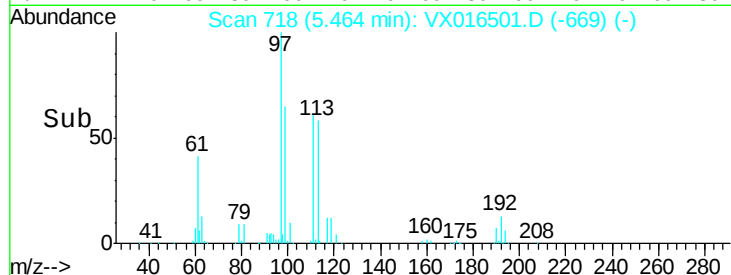
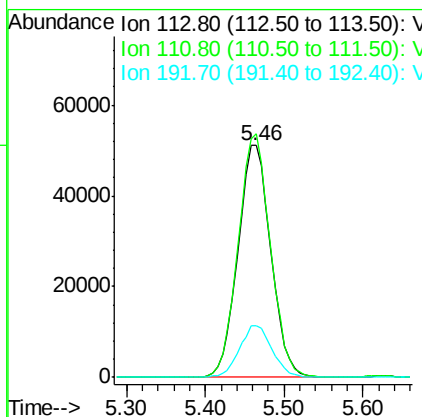
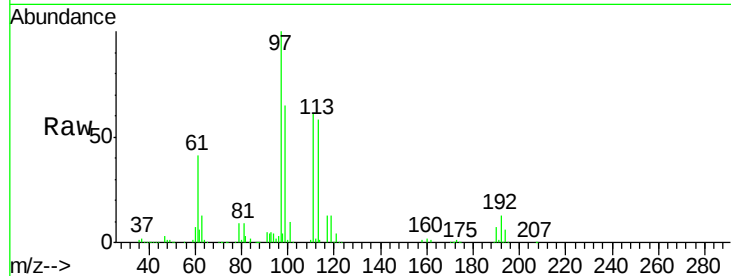
#35
 Dibromofluoromethane
 Concen: 49.38 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX016501.D
 Acq: 29 May 2020 11:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	148497		
111	102.9	83.0	124.6	
192	22.0	17.7	26.5	

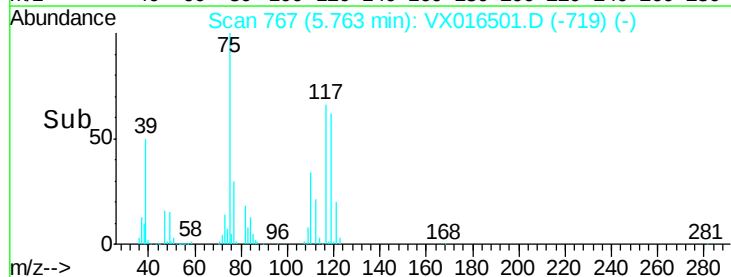
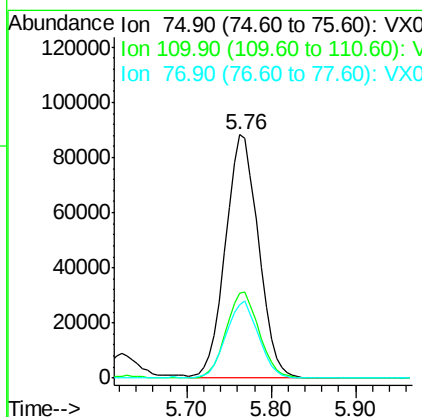
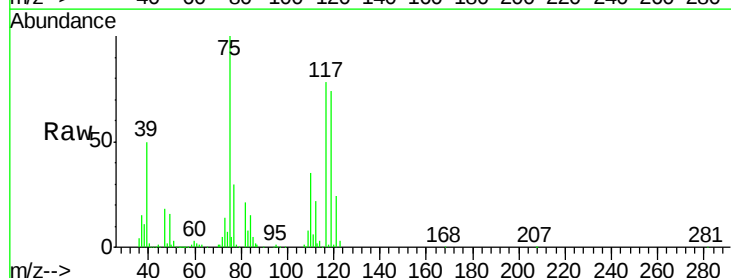
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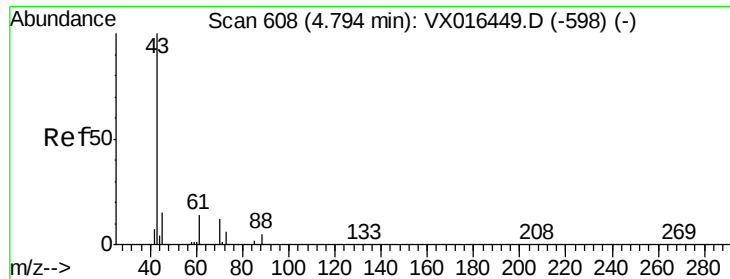
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#36
 1,1-Dichloropropene
 Concen: 50.85 ug/l
 RT: 5.76 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: VX016501.D
 Acq: 29 May 2020 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	235116		
110	35.3	17.4	52.3	
77	31.2	24.2	36.4	





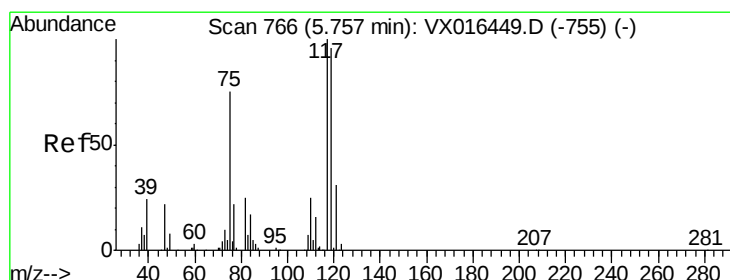
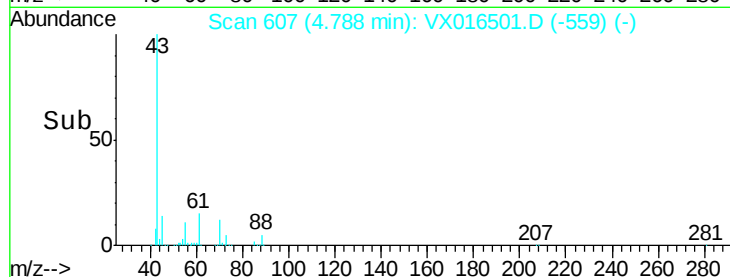
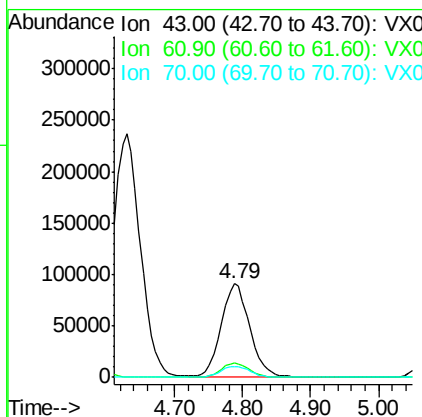
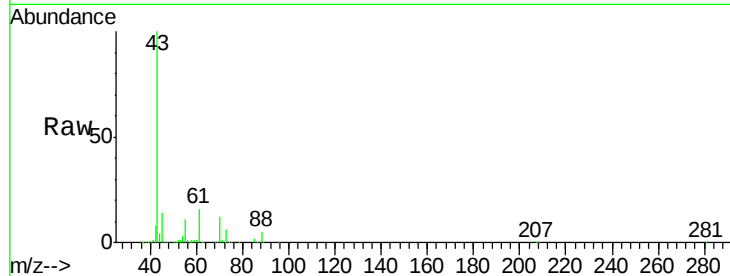
#37
Ethyl Acetate
Concen: 47.62 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX016501.D
Acq: 29 May 2020 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	264380		
61	14.5		11.3	16.9
70	12.1		9.3	13.9

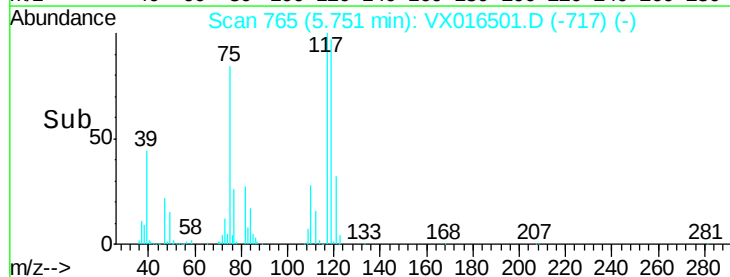
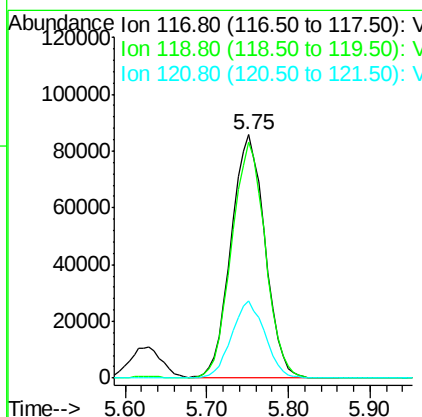
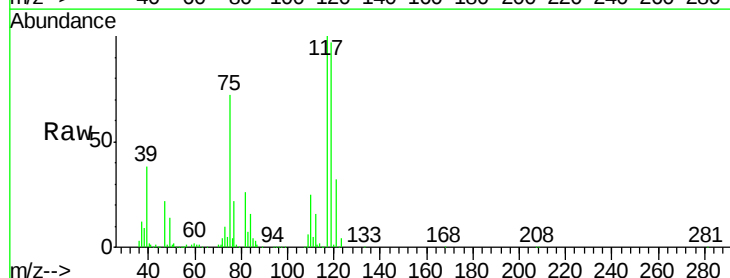
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#38
Carbon Tetrachloride
Concen: 50.80 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016501.D
Acq: 29 May 2020 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	246846		
119	96.7		76.3	114.5
121	31.5		24.6	37.0





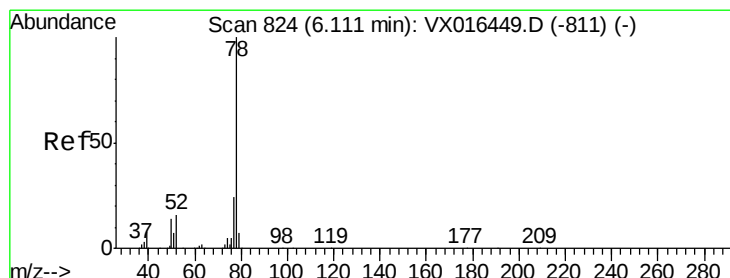
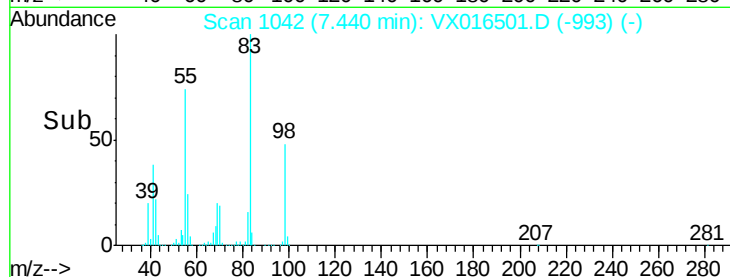
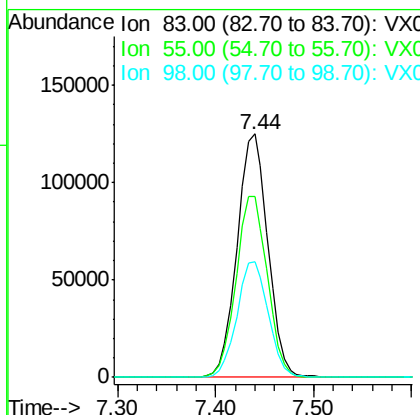
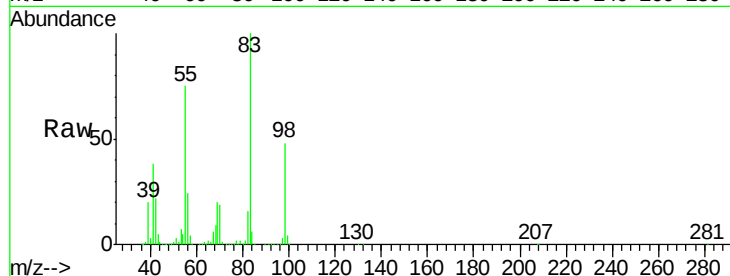
#39
Methylcyclohexane
Concen: 54.19 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016501.D
Acq: 29 May 2020 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	272176		
55	74.5	61.7	92.5	
98	47.7	38.7	58.1	

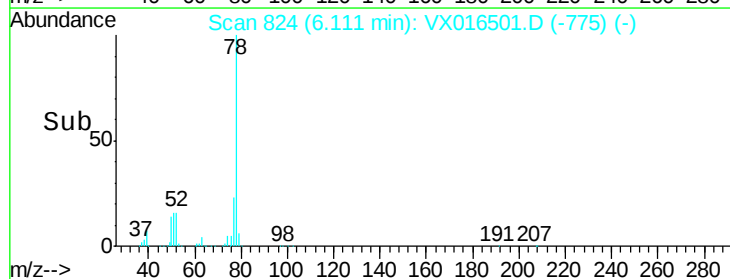
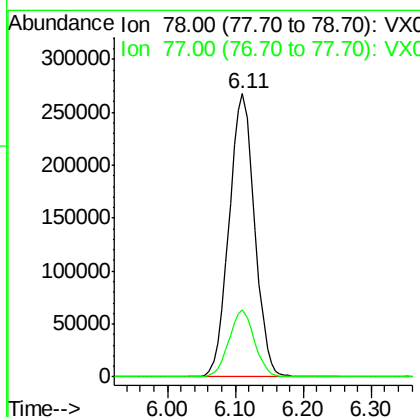
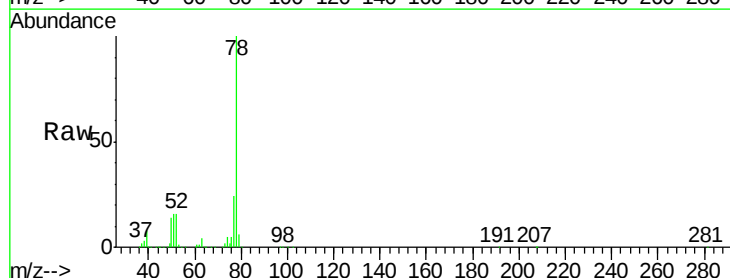
Manual Integrations
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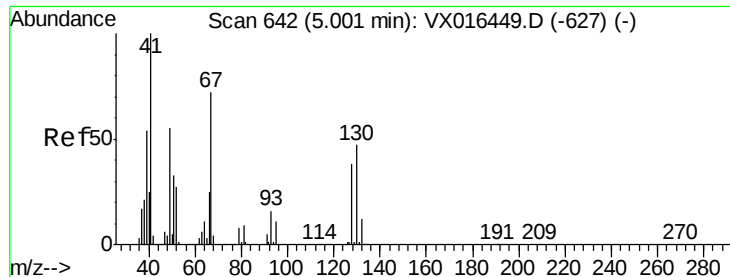
MMDadoda
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#40
Benzene
Concen: 50.47 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX016501.D
Acq: 29 May 2020 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	695015		
77	23.5	18.9	28.3	





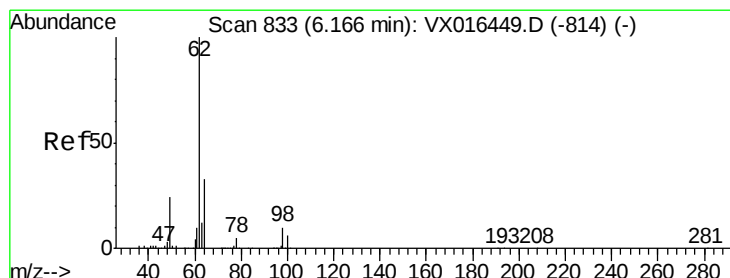
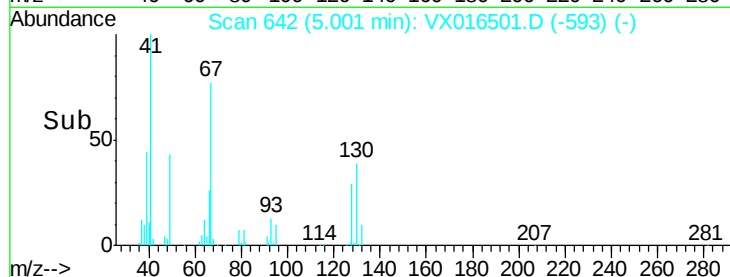
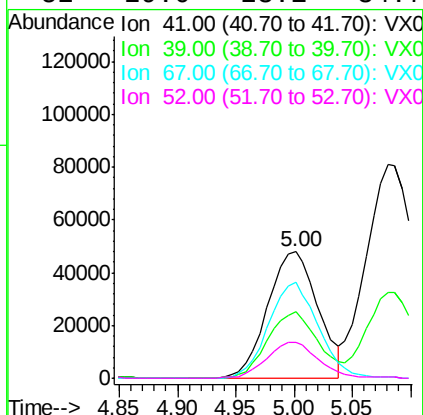
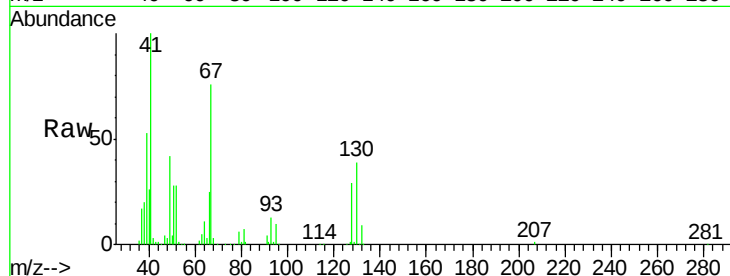
#41
Methacrylonitrile
Concen: 46.95 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX016501.D
Acq: 29 May 2020 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.6	43.0	64.4	
67	75.2	58.9	88.3	
52	29.0	23.1	34.7	

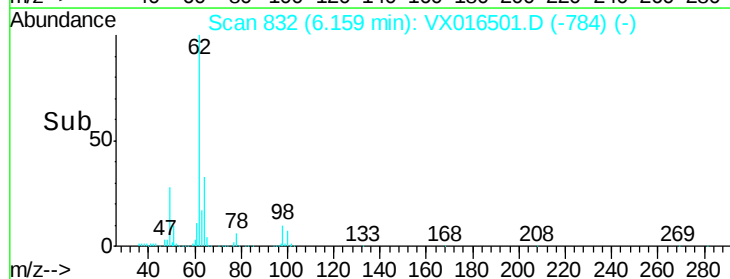
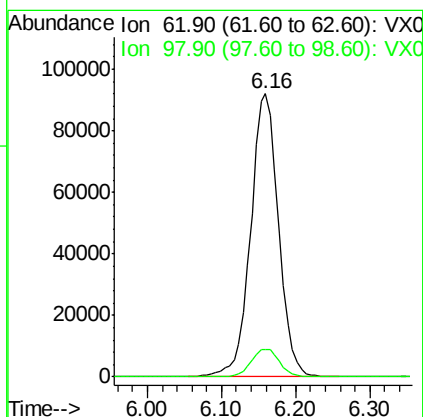
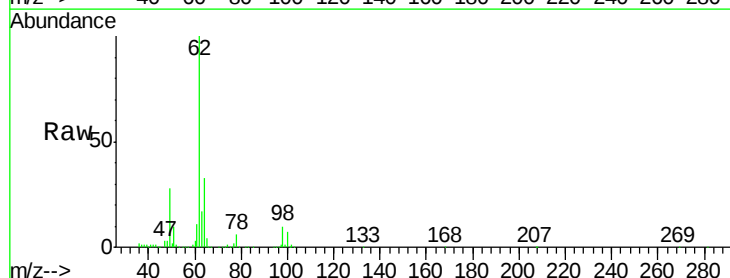
Manual Integrations
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#42
1,2-Dichloroethane
Concen: 49.37 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016501.D
Acq: 29 May 2020 11:05

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.0	0.0	19.8	





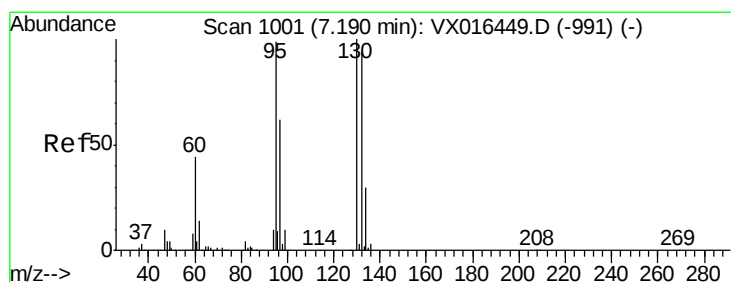
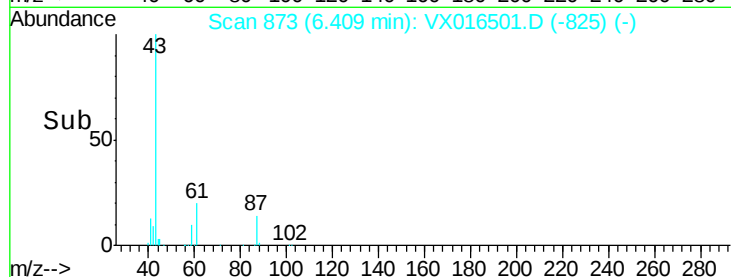
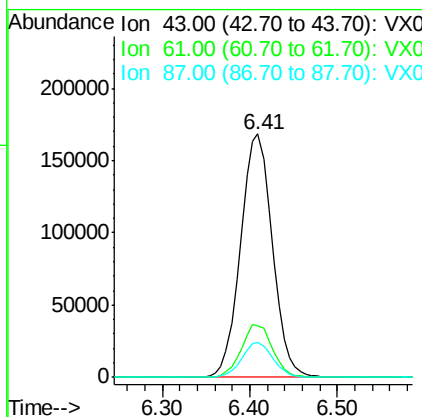
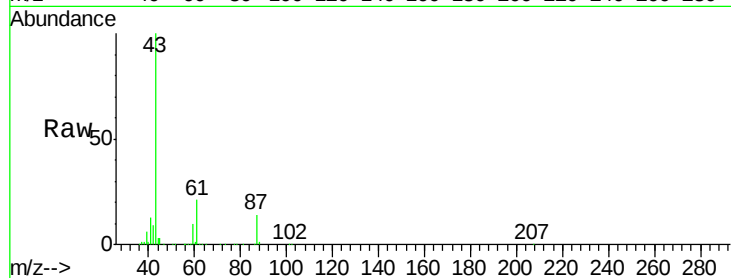
#43
Isopropyl Acetate
Concen: 48.92 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX016501.D
Acq: 29 May 2020 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	21.6	16.8	25.2
87	14.0	11.2	16.8

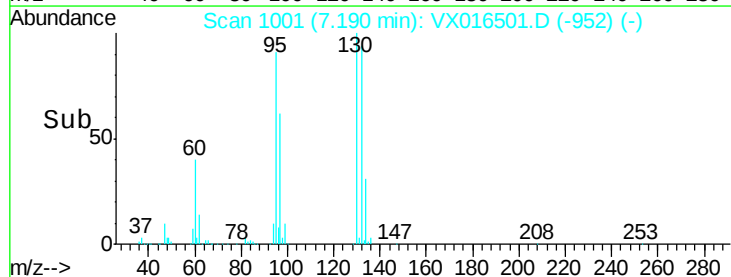
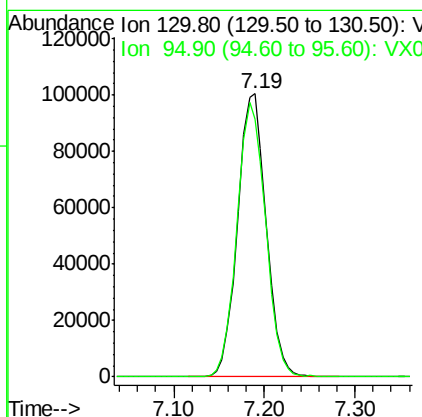
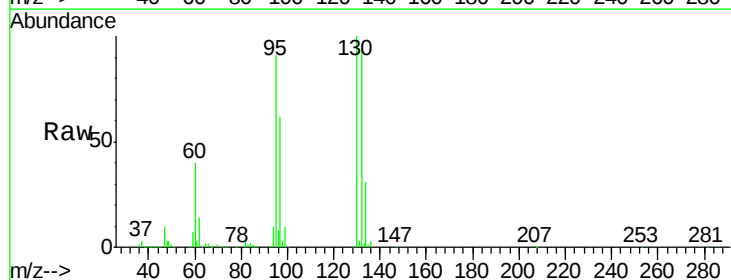
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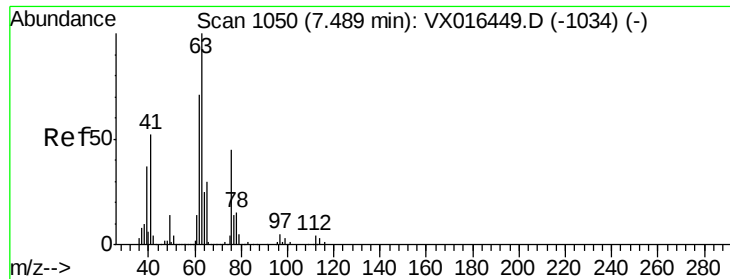
MMDadoda
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#44
Trichloroethene
Concen: 50.20 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX016501.D
Acq: 29 May 2020 11:05

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.3	0.0	198.2





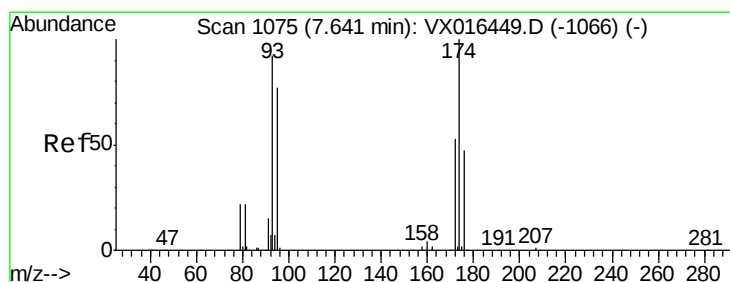
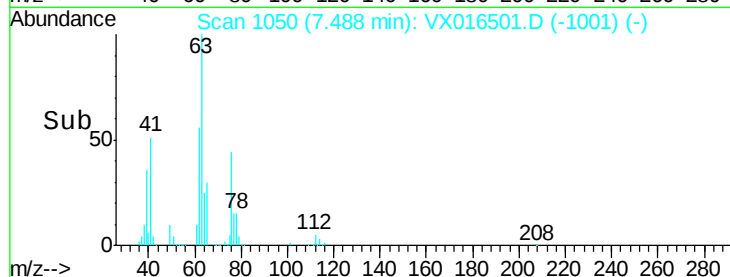
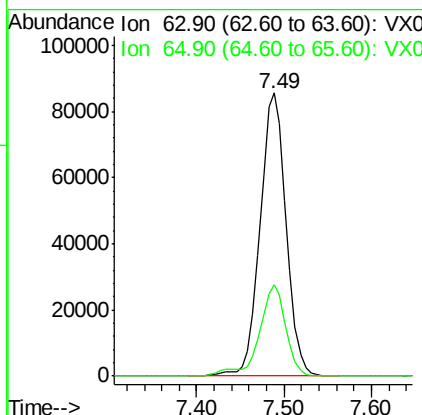
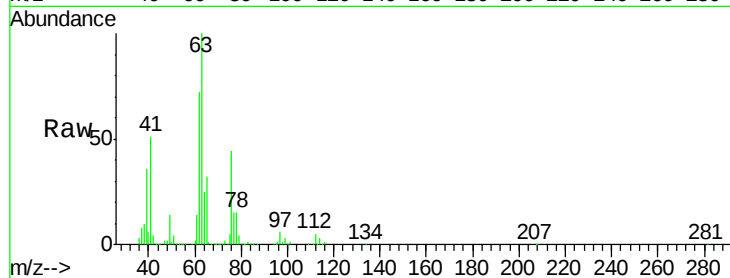
#45
 1,2-Dichloropropane
 Concen: 50.76 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX016501.D
 Acq: 29 May 2020 11:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 63 Resp: 177935
 Ion Ratio Lower Upper
 63 100
 65 32.2 24.2 36.2

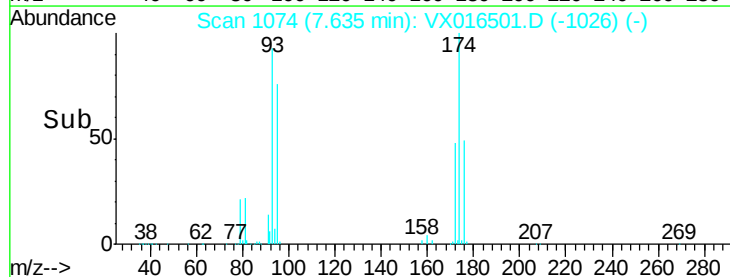
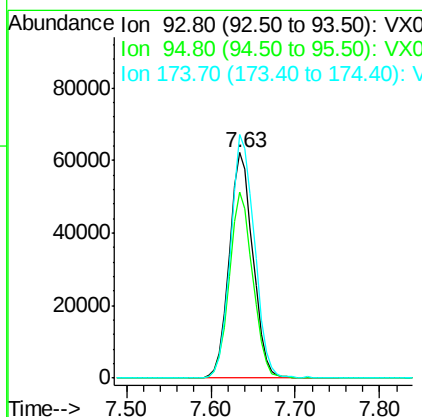
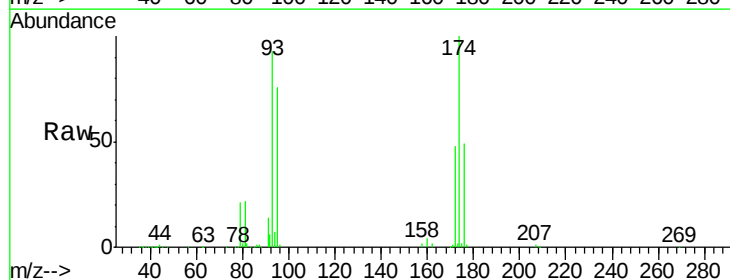
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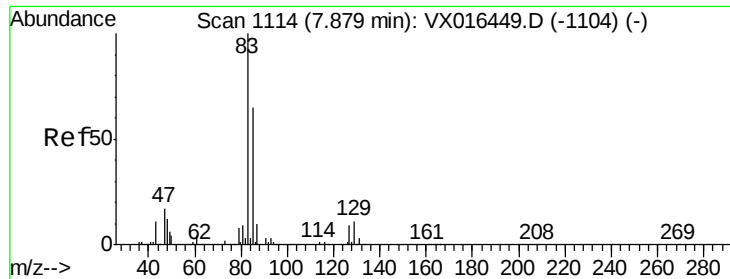
MMDadoda
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#46
 Dibromomethane
 Concen: 50.30 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX016501.D
 Acq: 29 May 2020 11:05

Tgt Ion: 93 Resp: 118440
 Ion Ratio Lower Upper
 93 100
 95 81.5 66.6 100.0
 174 108.0 86.2 129.4





#47

Bromodichloromethane

Concen: 51.23 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

Instrument :

MSVOA_X

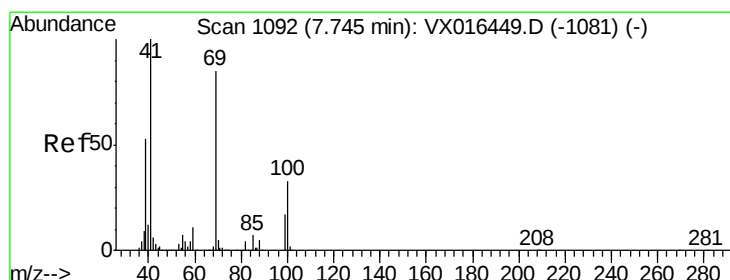
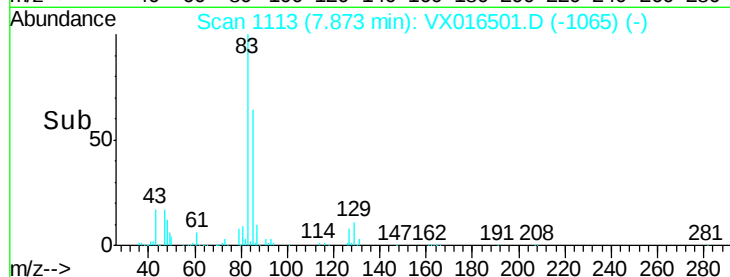
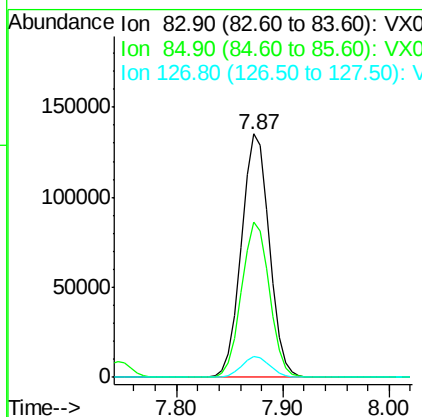
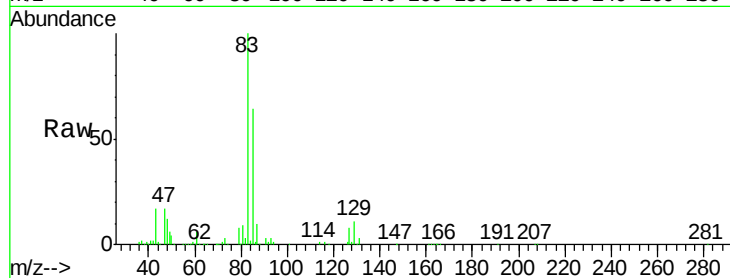
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	249753
Ion	Ratio	Lower	Upper
83	100		
85	63.9	52.0	78.0
127	8.4	7.4	11.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 49.26 ug/l

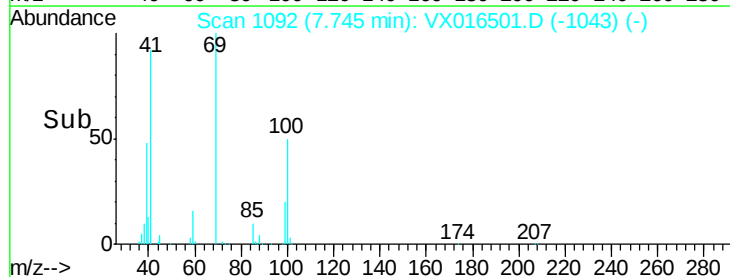
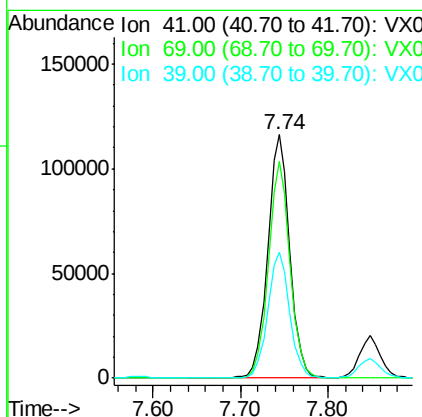
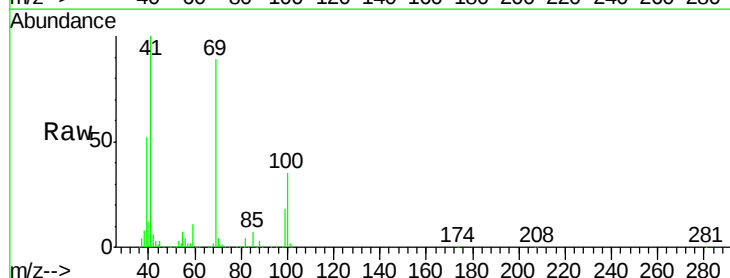
RT: 7.74 min Scan# 1092

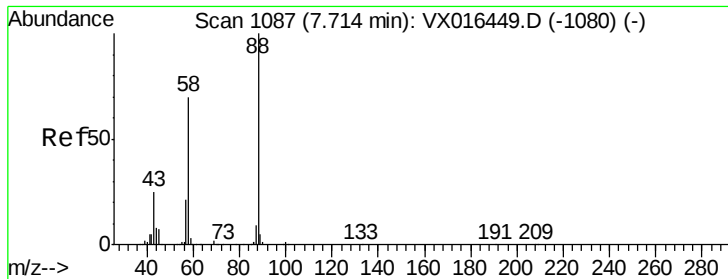
Delta R.T. -0.00 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

Tgt Ion:	41	Resp:	204225
Ion	Ratio	Lower	Upper
41	100		
69	88.1	68.6	102.8
39	51.6	42.4	63.6





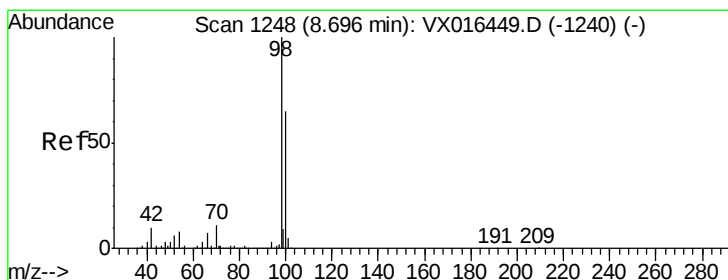
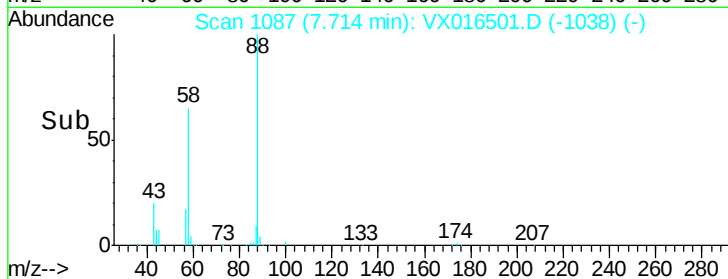
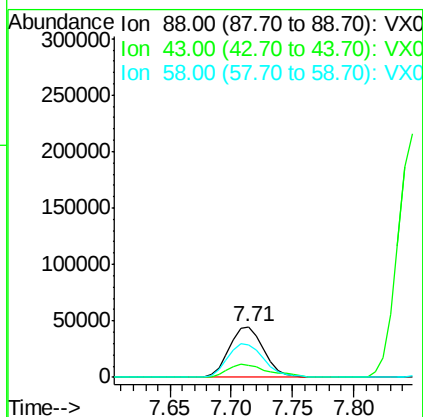
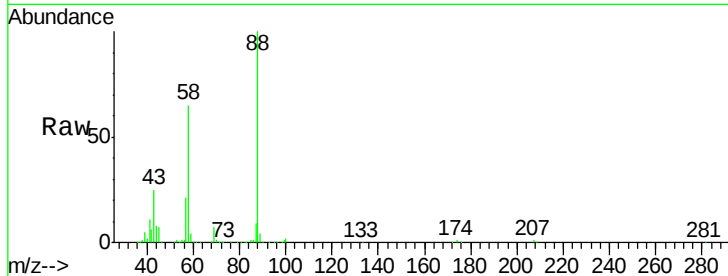
#49
 1,4-Dioxane
 Concen: 895.76 ug/l
 RT: 7.71 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX016501.D
 Acq: 29 May 2020 11:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
88	100		
43	31.5	24.2	36.4
58	71.4	56.5	84.7

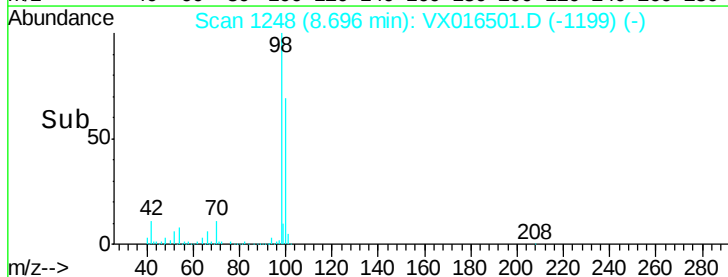
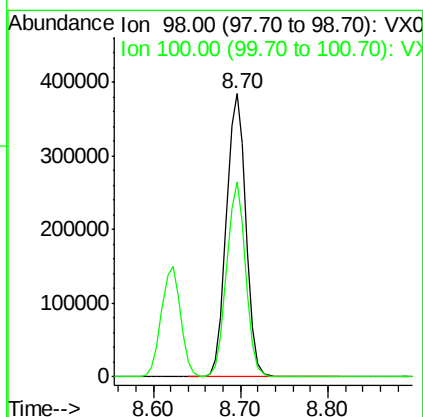
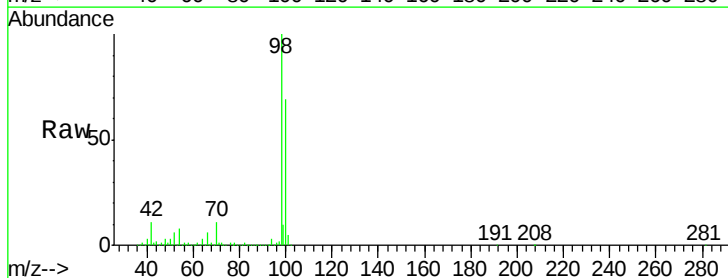
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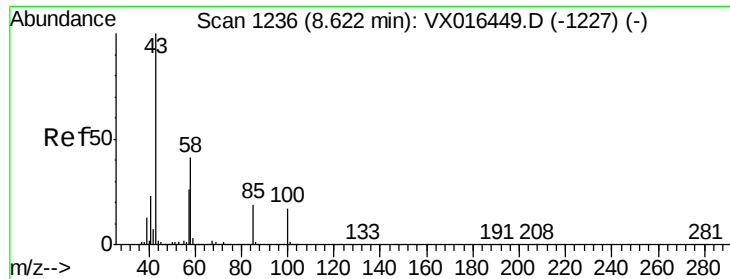
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#50
 Toluene-d8
 Concen: 50.66 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX016501.D
 Acq: 29 May 2020 11:05

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.2	53.8	80.6





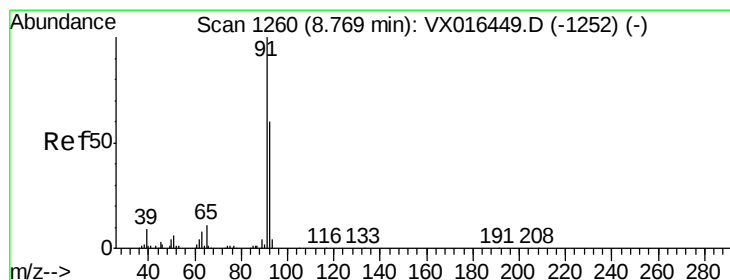
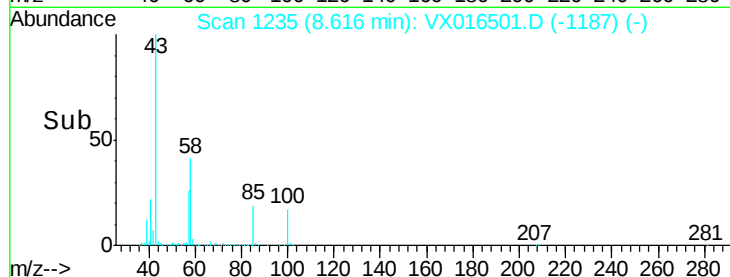
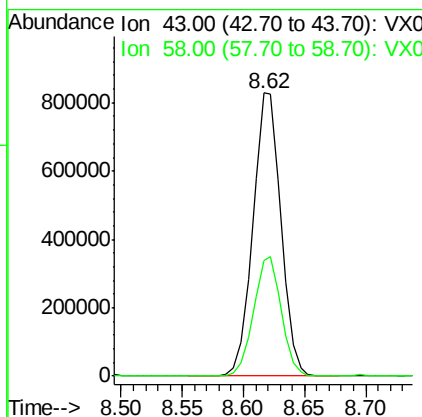
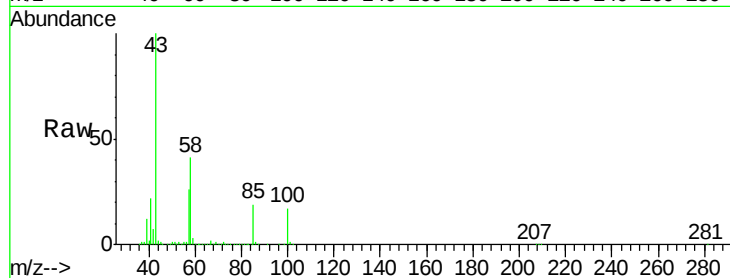
#51
 4-Methyl-2-Pentanone
 Concen: 245.68 ug/l
 RT: 8.62 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: VX016501.D
 Acq: 29 May 2020 11:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1324679
 Ion Ratio Lower Upper
 43 100
 58 41.8 33.0 49.6

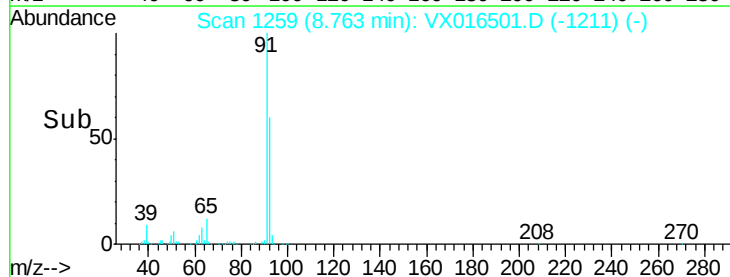
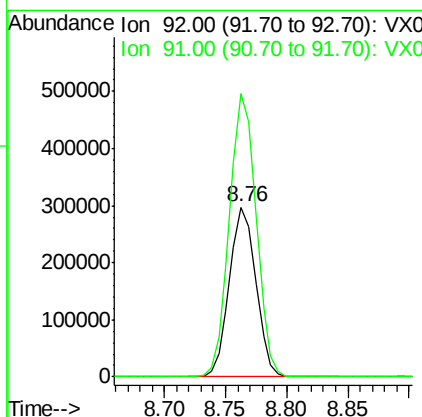
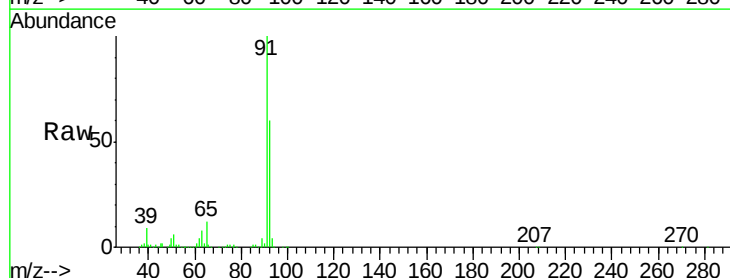
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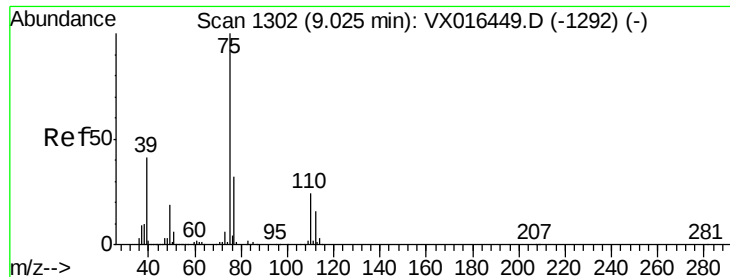
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#52
 Toluene
 Concen: 51.30 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: VX016501.D
 Acq: 29 May 2020 11:05

Tgt Ion: 92 Resp: 445464
 Ion Ratio Lower Upper
 92 100
 91 168.4 135.0 202.4





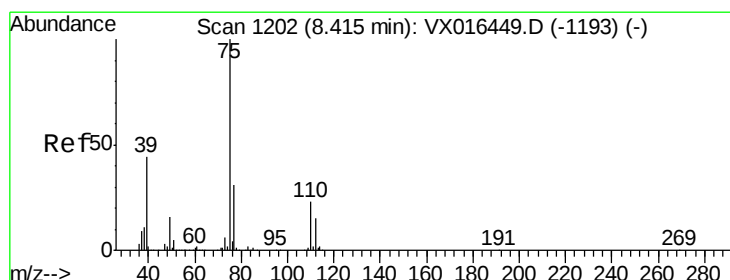
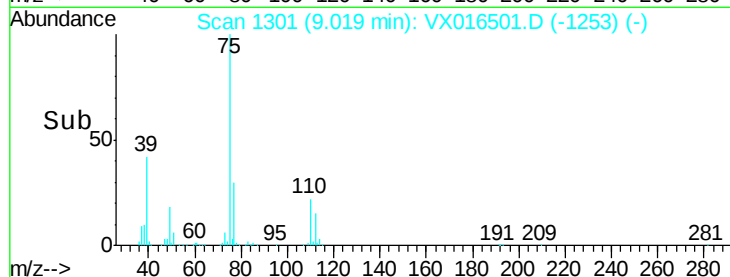
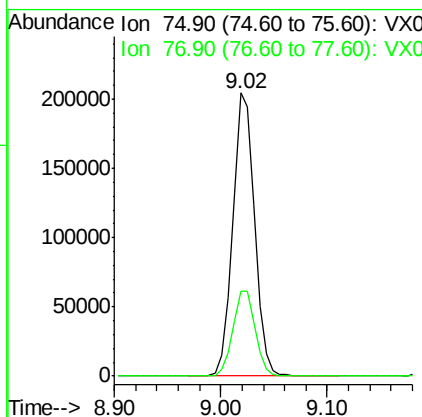
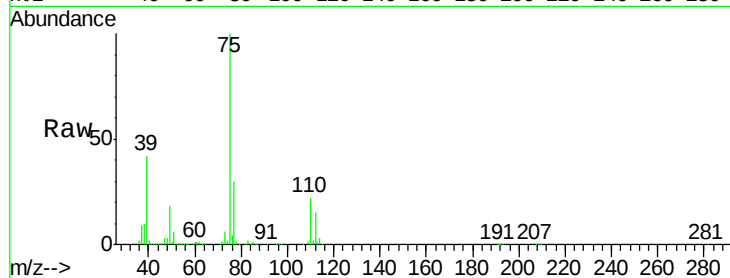
#53
t-1,3-Dichloropropene
Concen: 52.99 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VX016501.D
Acq: 29 May 2020 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 293782
Ion Ratio Lower Upper
75 100
77 30.1 25.5 38.3

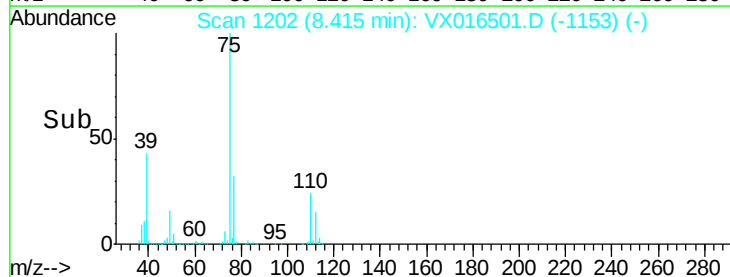
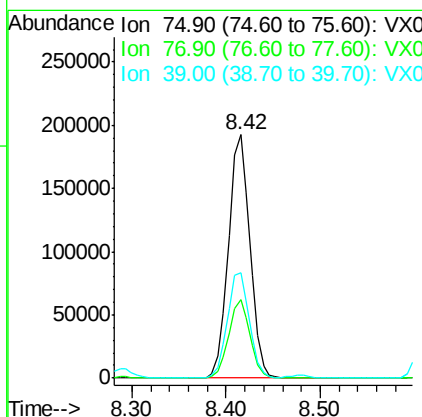
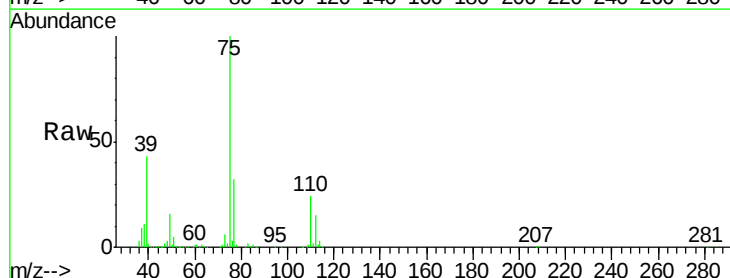
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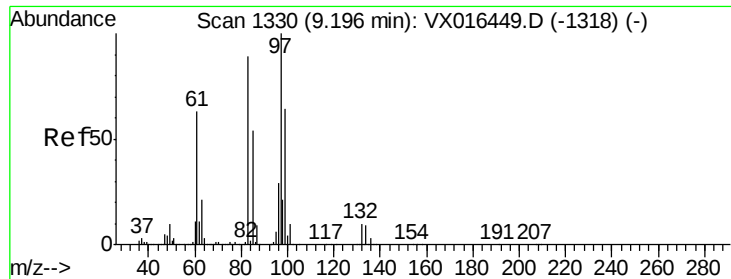
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#54
cis-1,3-Dichloropropene
Concen: 51.97 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX016501.D
Acq: 29 May 2020 11:05

Tgt Ion: 75 Resp: 304983
Ion Ratio Lower Upper
75 100
77 32.1 24.6 36.8
39 43.3 35.3 52.9





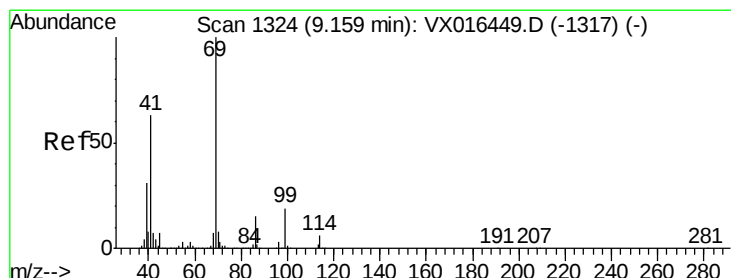
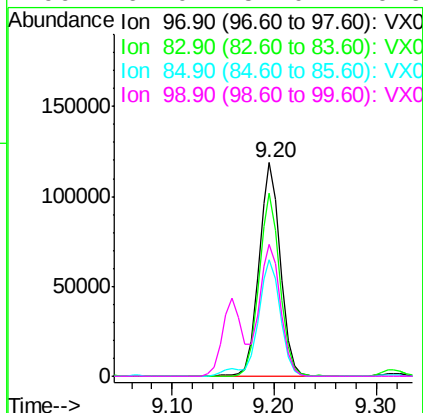
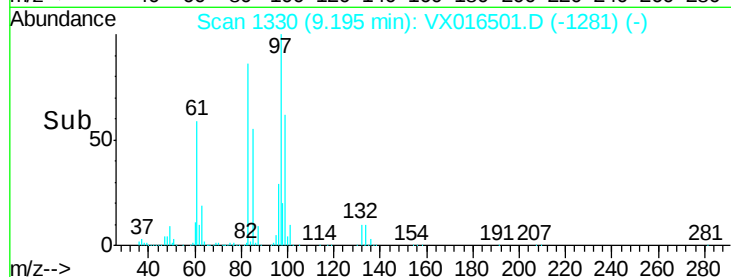
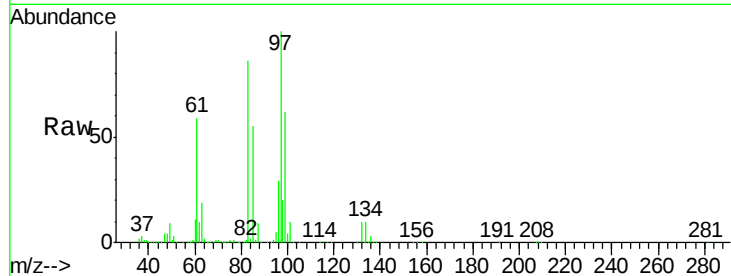
#55
 1,1,2-Trichloroethane
 Concen: 50.54 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016501.D
 Acq: 29 May 2020 11:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	174496		
83	85.9	70.9	106.3	
85	54.5	43.4	65.2	
99	62.0	51.0	76.6	

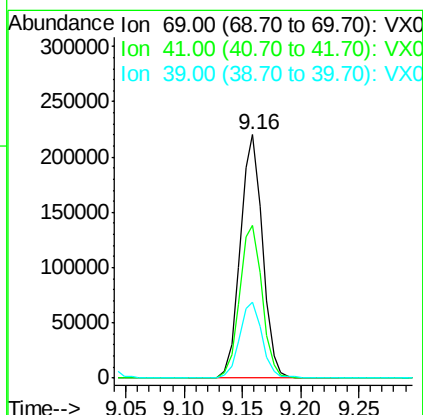
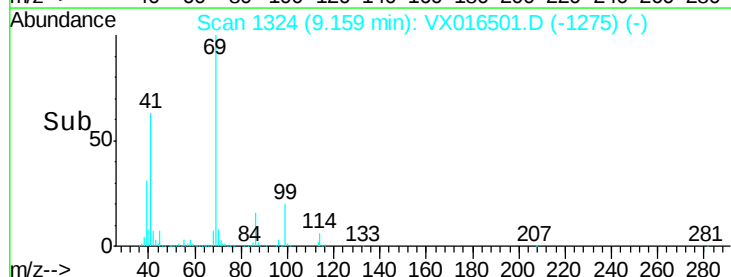
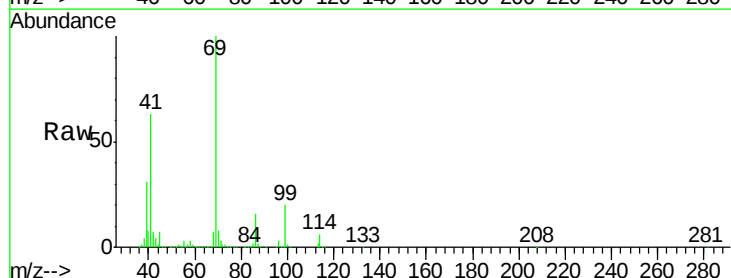
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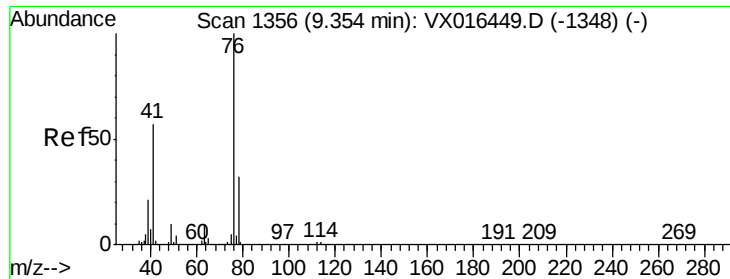
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#56
 Ethyl methacrylate
 Concen: 52.26 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016501.D
 Acq: 29 May 2020 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	293841		
41	63.5	50.7	76.1	
39	31.7	25.8	38.6	





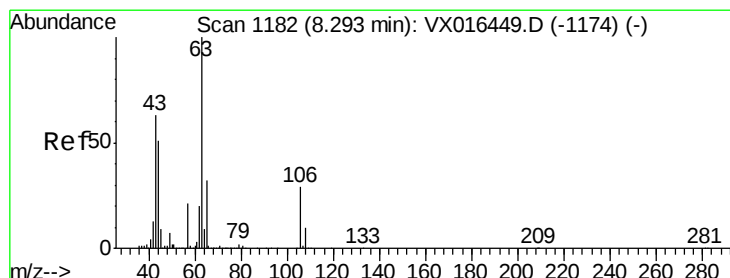
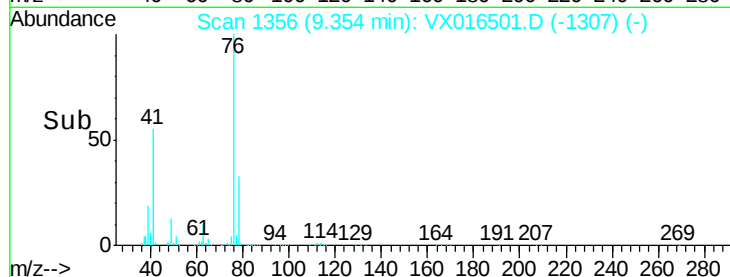
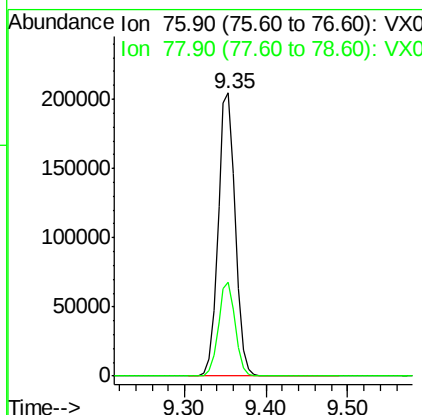
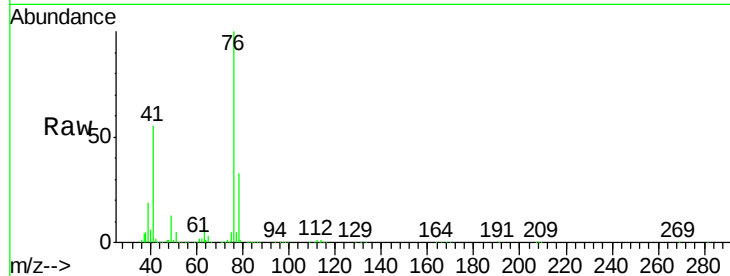
#57
 1,3-Dichloropropane
 Concen: 51.01 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX016501.D
 Acq: 29 May 2020 11:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 76 Resp: 302300
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.2 39.4

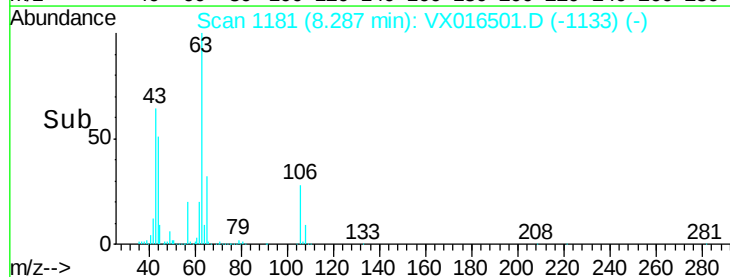
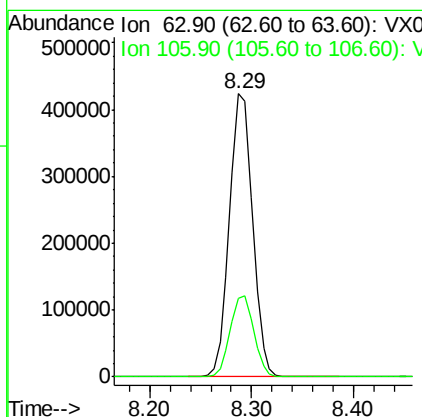
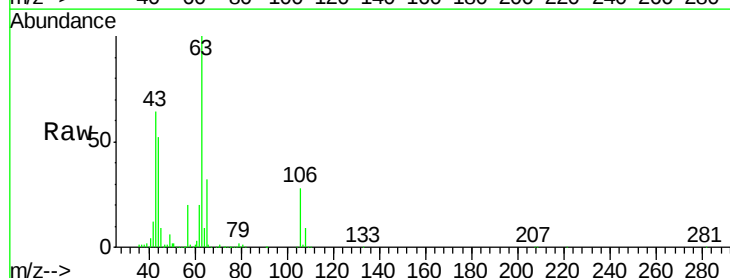
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#58
 2-Chloroethyl Vinyl ether
 Concen: 226.44 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VX016501.D
 Acq: 29 May 2020 11:05

Tgt Ion: 63 Resp: 664571
 Ion Ratio Lower Upper
 63 100
 106 29.2 23.2 34.8





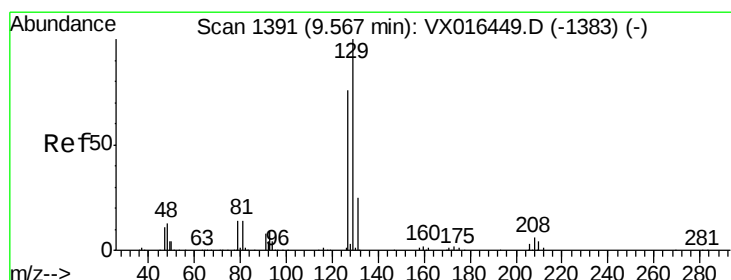
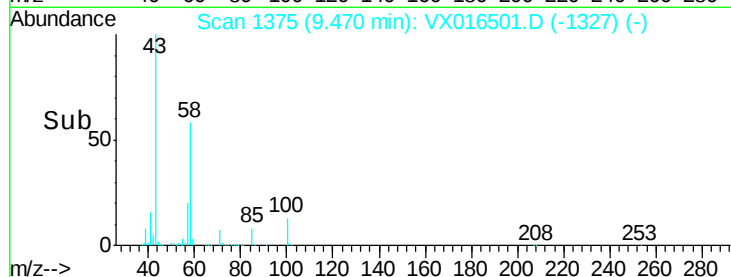
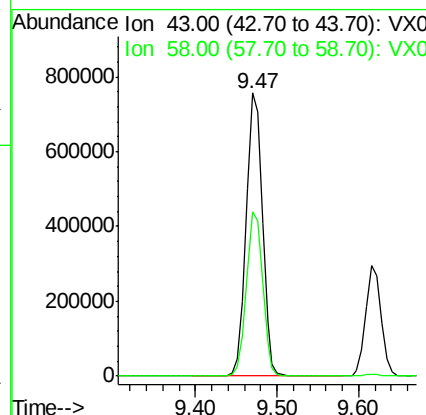
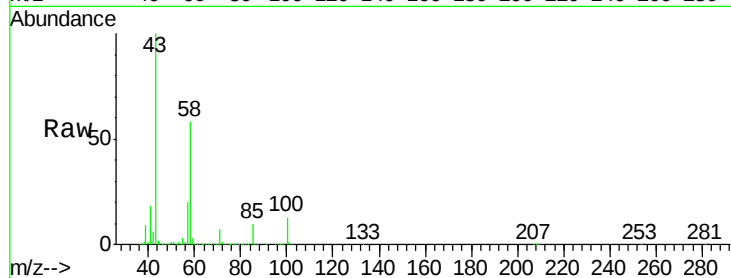
#59
2-Hexanone
Concen: 246.73 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016501.D
Acq: 29 May 2020 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1034538
Ion Ratio Lower Upper
43 100
58 58.3 28.8 86.4

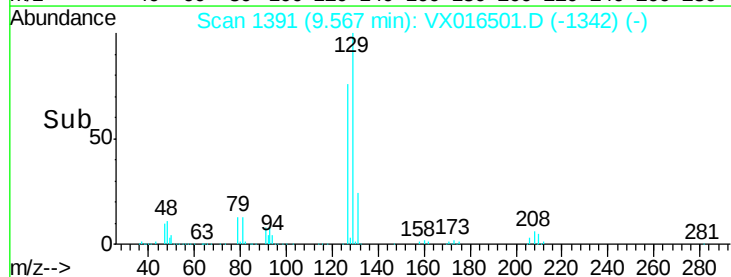
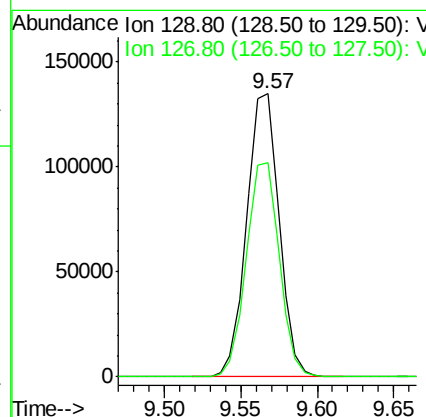
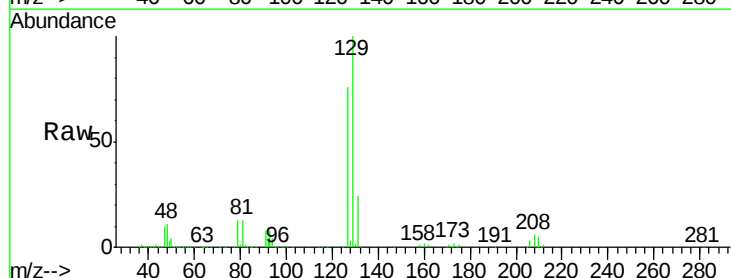
Manual Integrations
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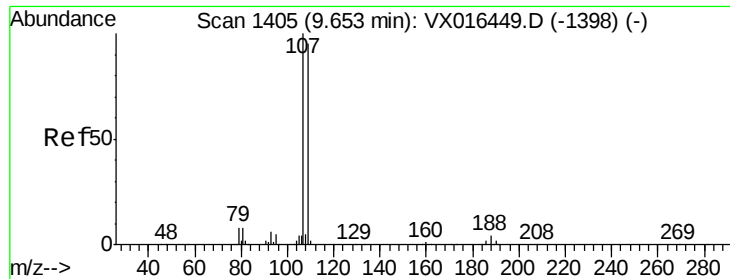
MMDadoda
6/1/2020 12:28:03 PM



#60
Dibromochloromethane
Concen: 51.33 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016501.D
Acq: 29 May 2020 11:05

Tgt Ion: 129 Resp: 199448
Ion Ratio Lower Upper
129 100
127 77.0 38.6 116.0





#61

1,2-Dibromoethane

Concen: 51.22 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 107 Resp: 189361

Ion Ratio Lower Upper

107 100

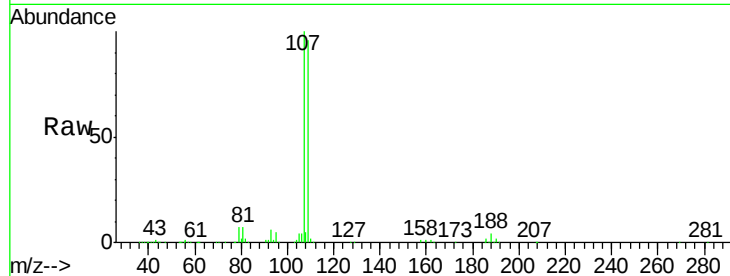
109 94.2 75.5 113.3

Manual Integrations

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6/1/2020 12:28:03 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

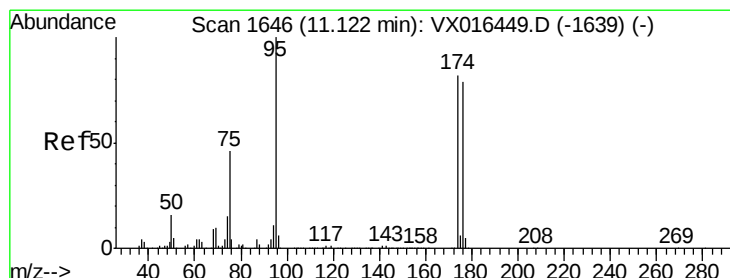
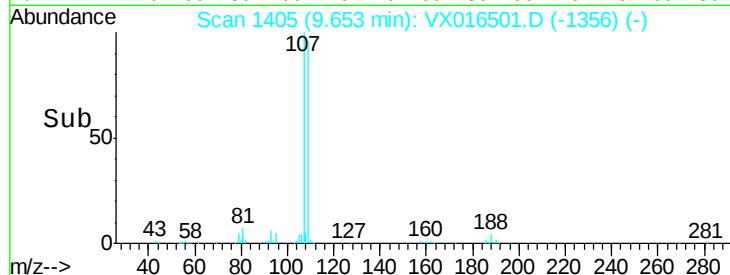
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.84 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

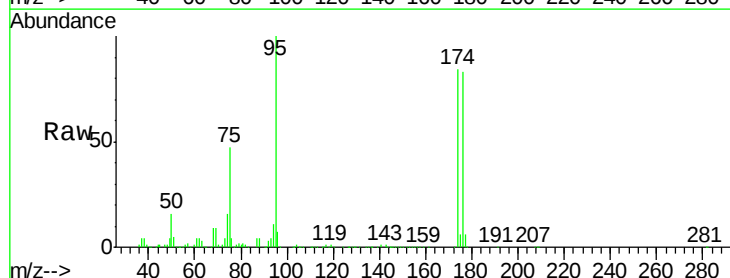
Tgt Ion: 95 Resp: 220871

Ion Ratio Lower Upper

95 100

174 82.1 0.0 163.0

176 79.2 0.0 156.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

200000

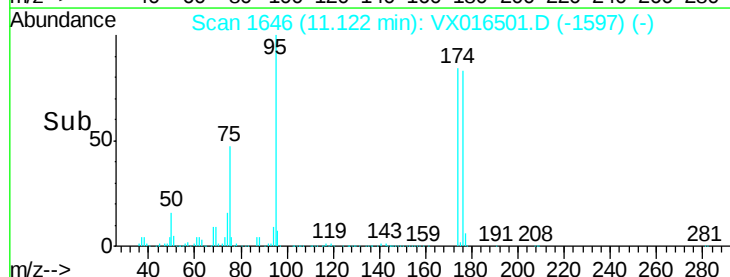
150000

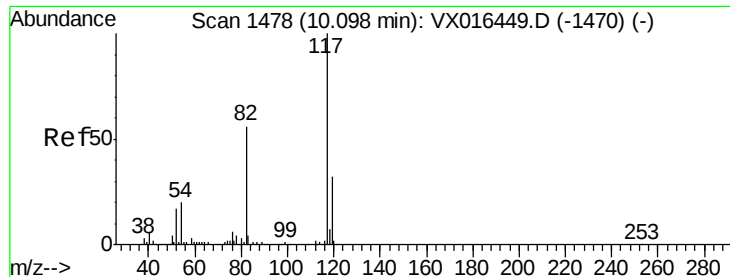
100000

50000

0

Time-->





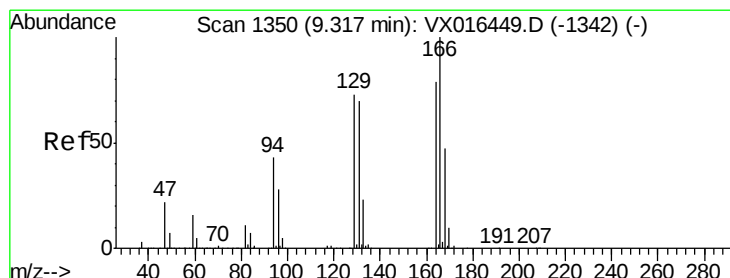
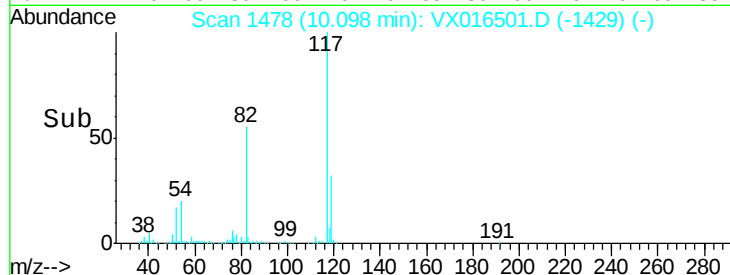
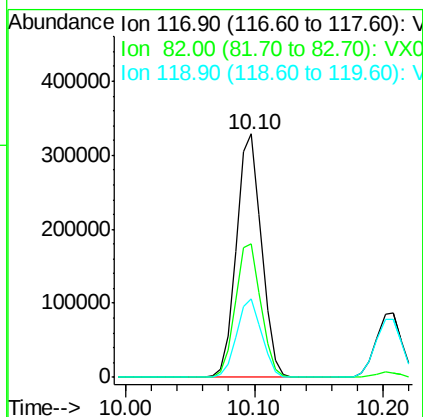
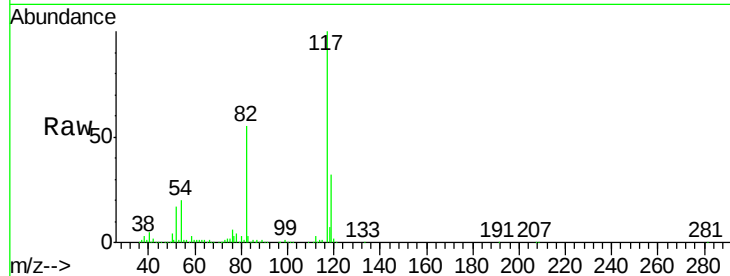
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016501.D
Acq: 29 May 2020 11:05

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	444179		
82	55.1	45.0	67.6	
119	32.4	25.8	38.8	

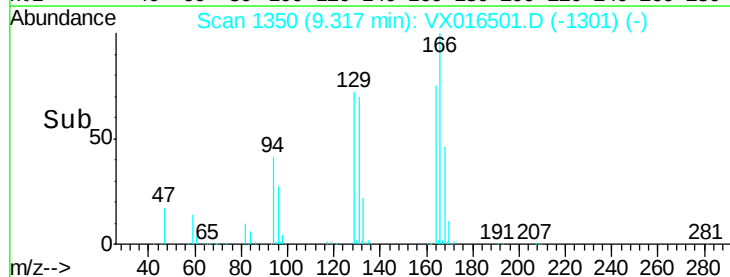
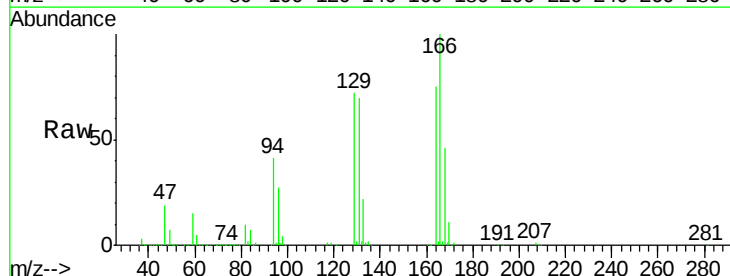
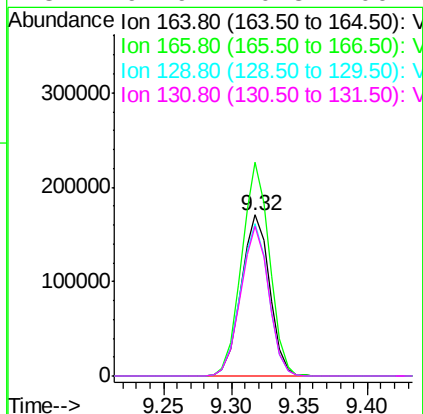
Manual Integrations
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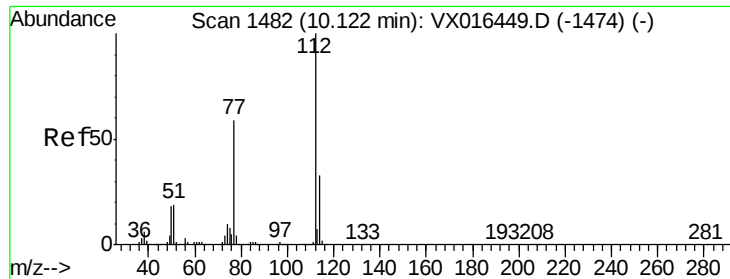
MMDadoda
6/1/2020 12:28:03 PM



#64
Tetrachloroethene
Concen: 50.28 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016501.D
Acq: 29 May 2020 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	249863		
166	132.7	100.9	151.3	
129	95.1	73.2	109.8	
131	92.9	70.8	106.2	





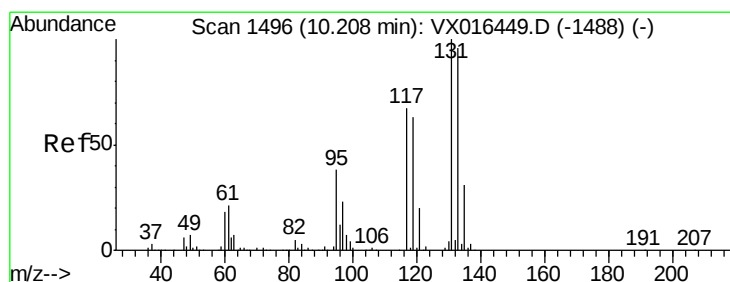
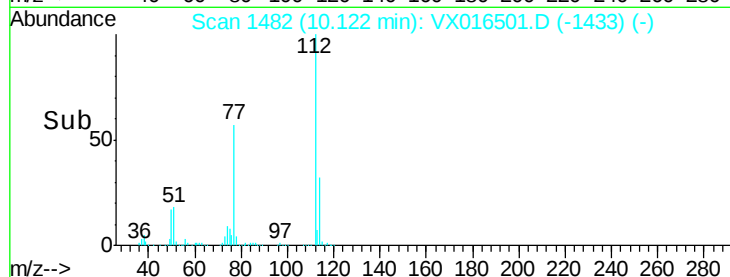
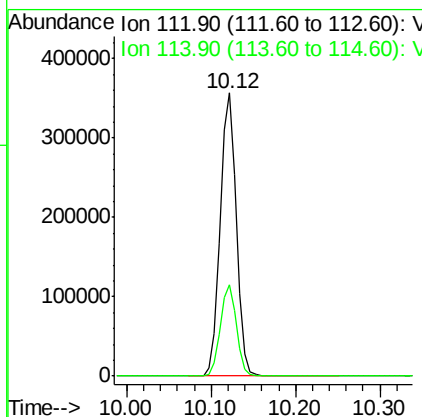
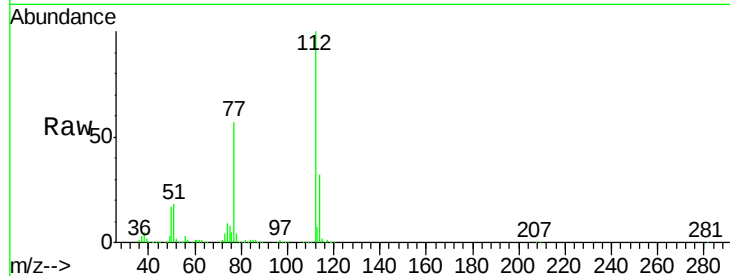
#65
Chlorobenzene
Concen: 52.38 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016501.D
Acq: 29 May 2020 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 474299
Ion Ratio Lower Upper
112 100
114 32.1 26.0 39.0

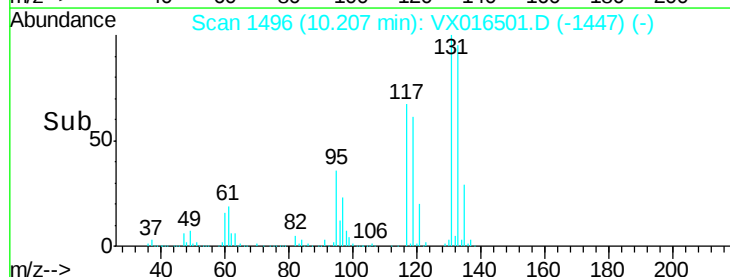
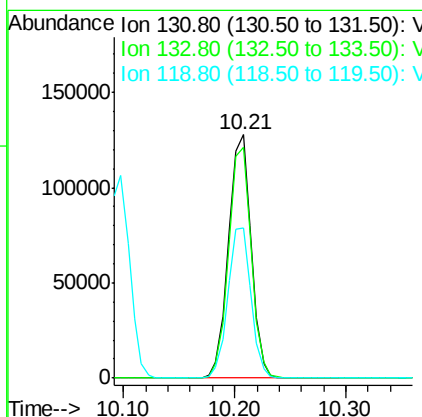
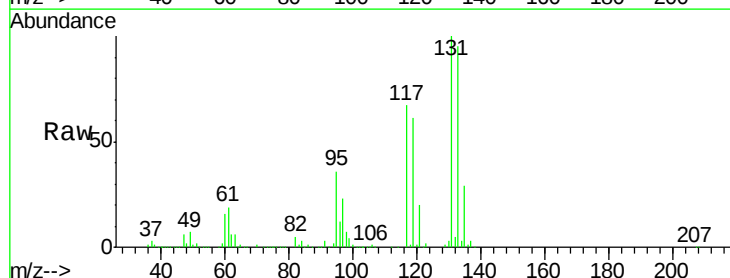
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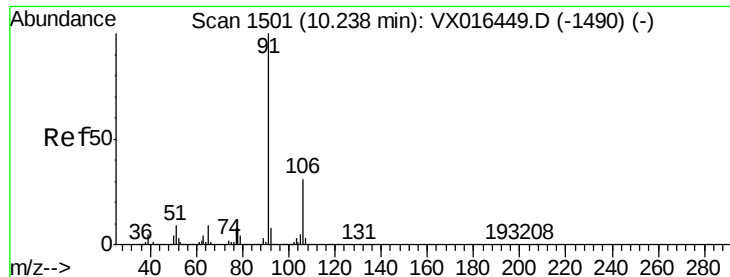
MMDadoda
6/1/2020 12:28:03 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 52.09 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX016501.D
Acq: 29 May 2020 11:05

Tgt Ion:131 Resp: 180068
Ion Ratio Lower Upper
131 100
133 95.3 48.4 145.3
119 63.0 32.0 96.2





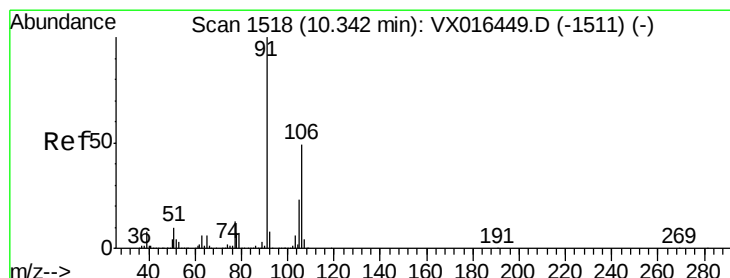
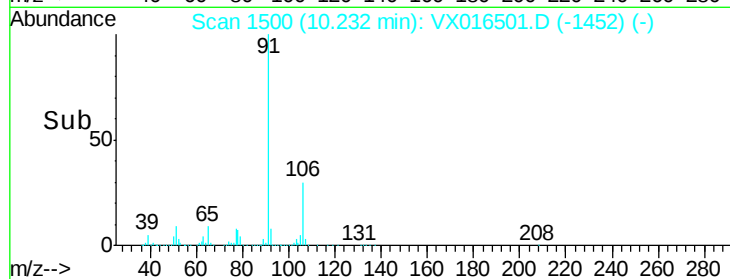
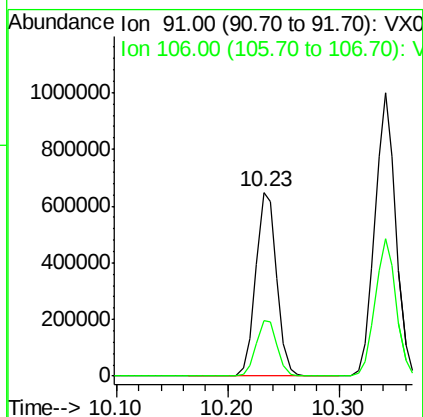
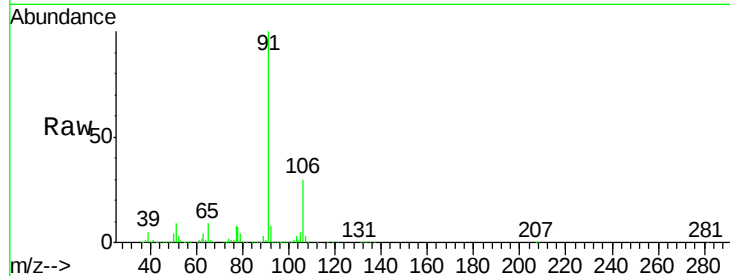
#67
Ethyl Benzene
Concen: 52.61 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX016501.D
Acq: 29 May 2020 11:05

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tgt Ion: 91 Resp: 848182
Ion Ratio Lower Upper
91 100
106 30.1 25.0 37.4

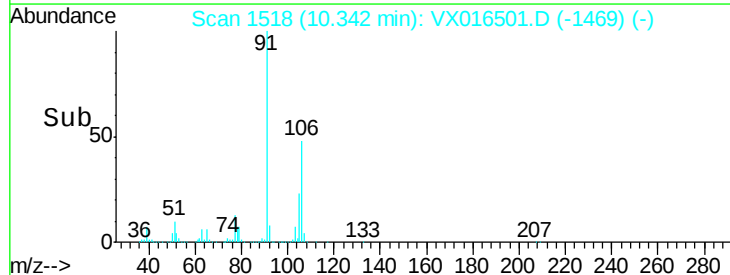
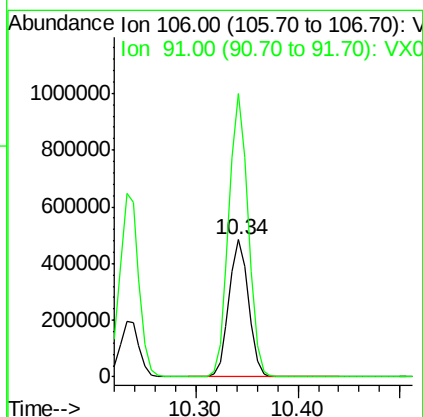
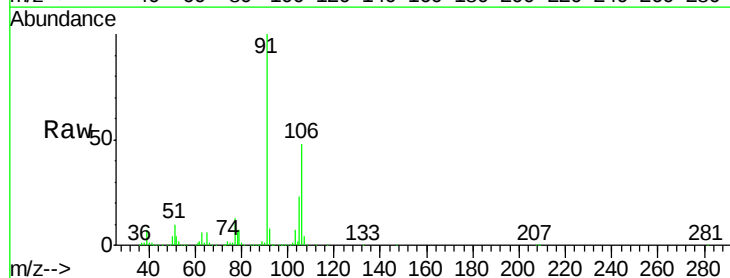
Manual Integrations
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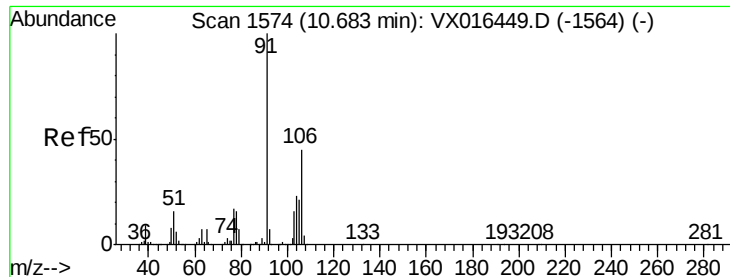
MMDadoda
6/1/2020 12:28:03 PM



#68
m/p-Xylenes
Concen: 106.66 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016501.D
Acq: 29 May 2020 11:05

Tgt Ion: 106 Resp: 637572
Ion Ratio Lower Upper
106 100
91 205.0 163.8 245.8





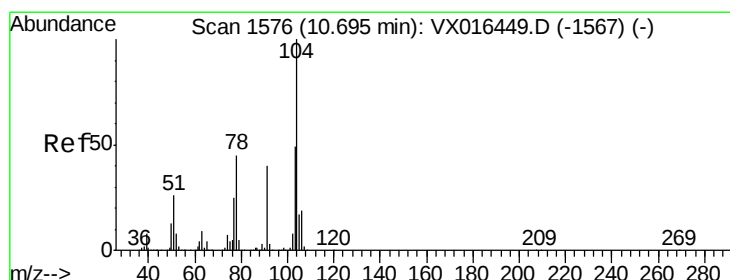
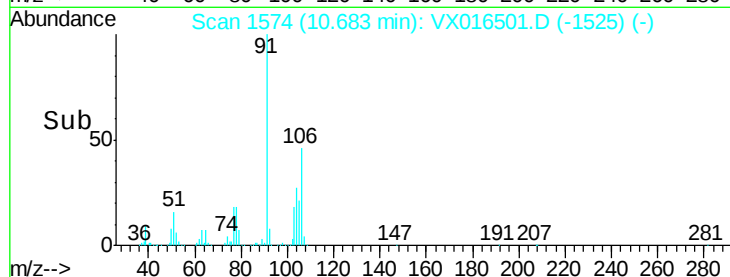
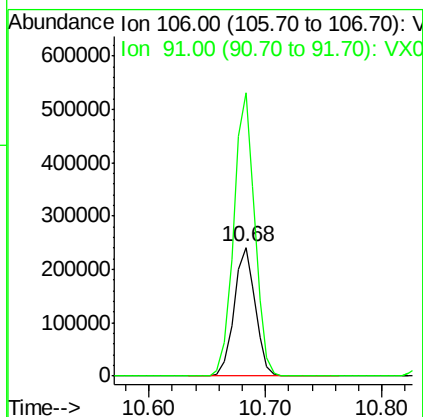
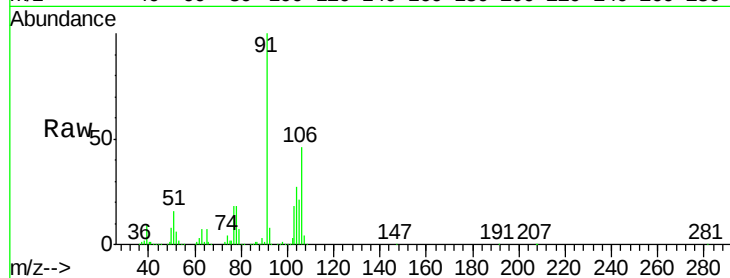
#69
o-Xylene
Concen: 52.70 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016501.D
Acq: 29 May 2020 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 305117
Ion Ratio Lower Upper
106 100
91 217.7 109.6 328.8

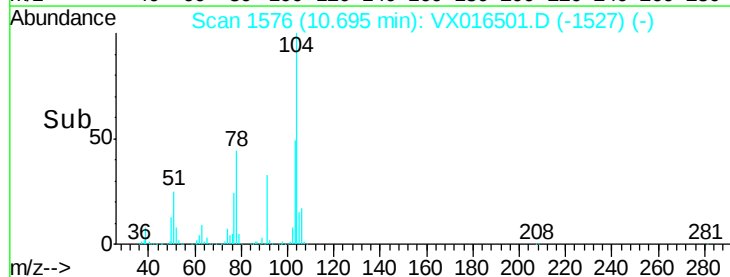
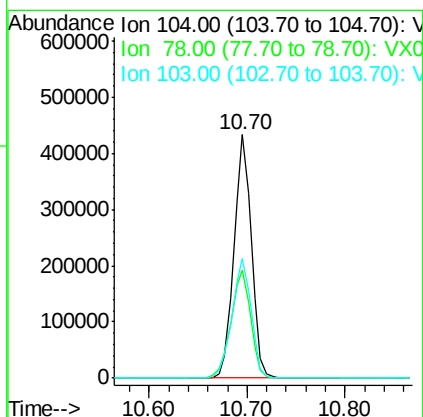
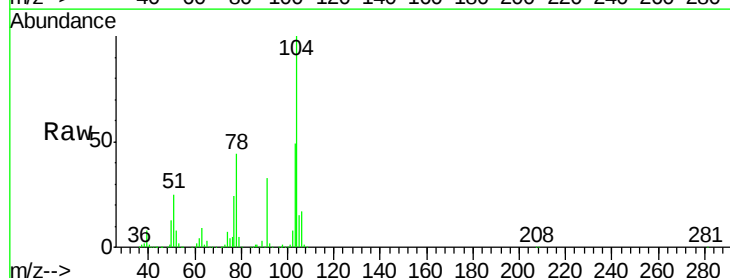
Manual Integrations
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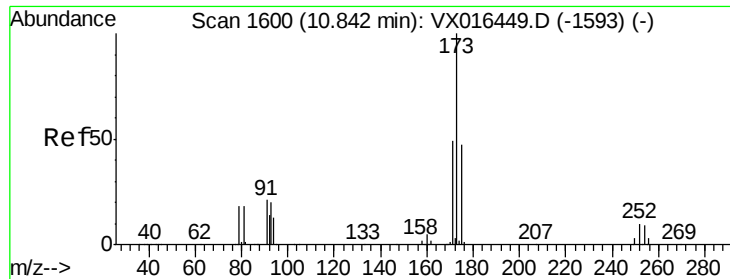
MMDadoda
6/1/2020 12:28:03 PM



#70
Styrene
Concen: 53.78 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016501.D
Acq: 29 May 2020 11:05

Tgt Ion:104 Resp: 535188
Ion Ratio Lower Upper
104 100
78 50.1 40.2 60.2
103 54.0 43.1 64.7





#71

Bromoform

Concen: 52.71 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

Instrument :

MSVOA_X

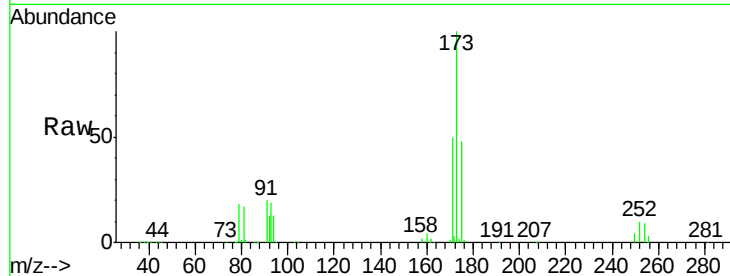
ClientSampleId :

VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	153992		
175	48.8	23.9	71.7	
254	0.0	0.1	0.1#	

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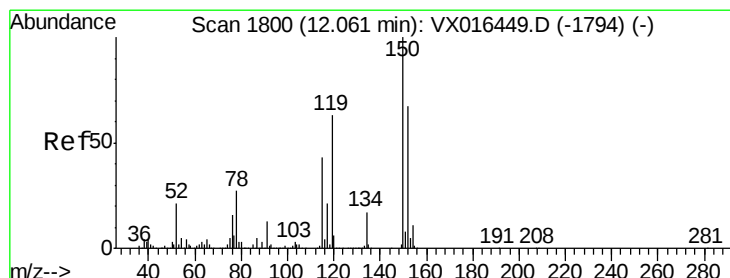
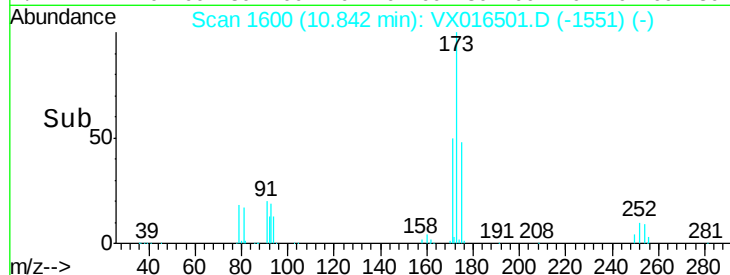
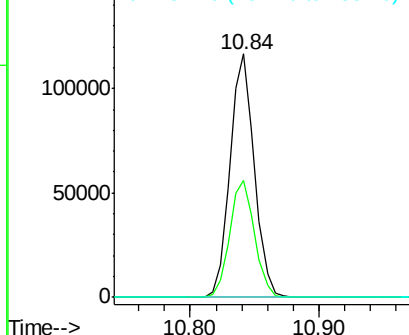


Abundance

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: 50.00 ug/l

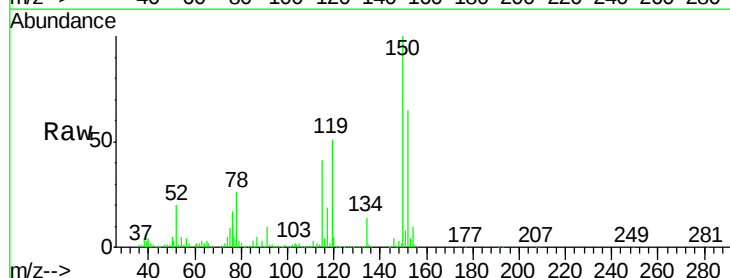
RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	222136		
115	81.6	39.9	119.6	
150	173.5	0.0	341.0	

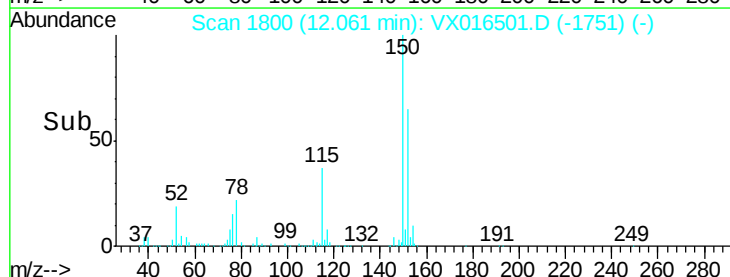
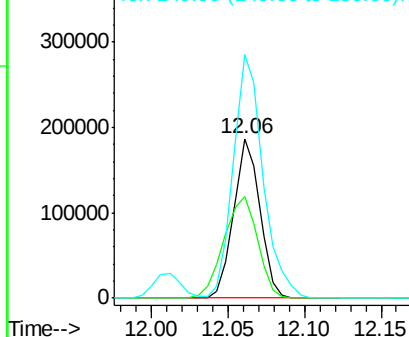


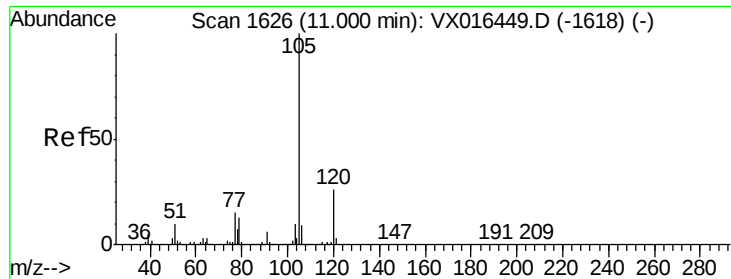
Abundance

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: 52.37 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 805997

Ion Ratio Lower Upper

105 100

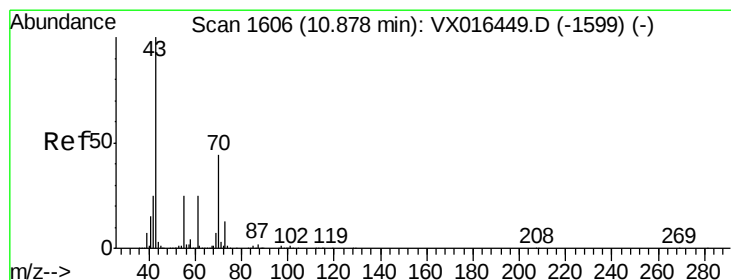
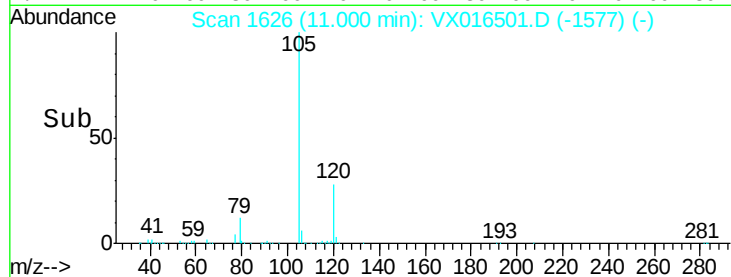
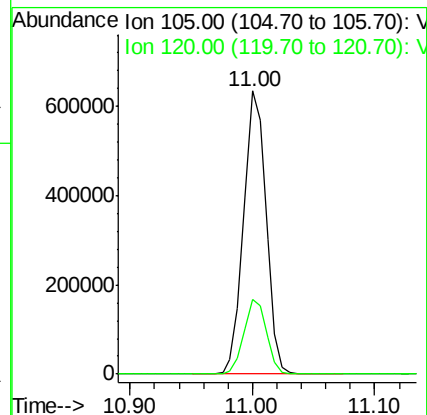
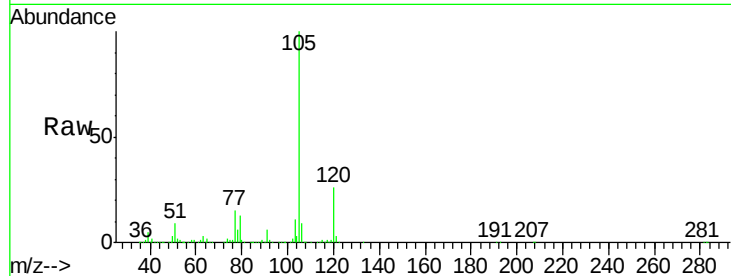
120 26.2 13.1 39.3

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#74

N-ethyl acetate

Concen: 52.36 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

Tgt Ion: 43 Resp: 370667

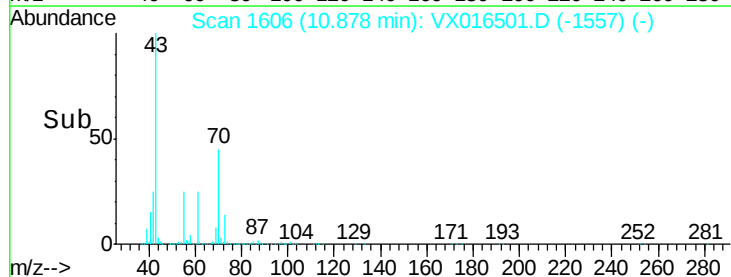
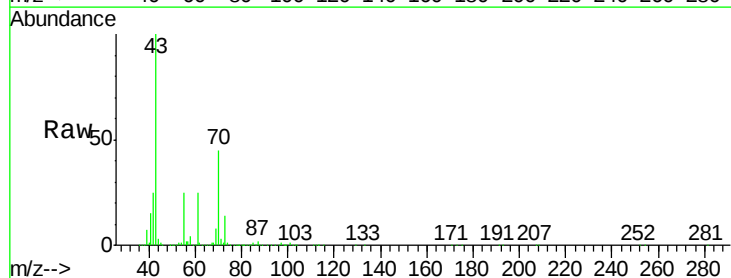
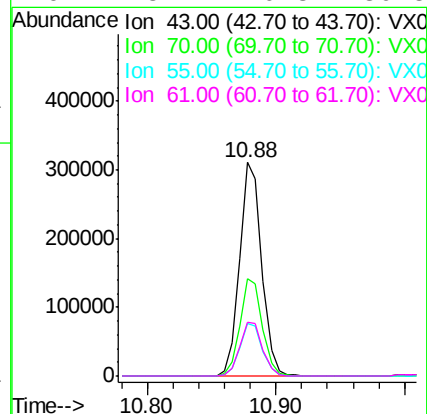
Ion Ratio Lower Upper

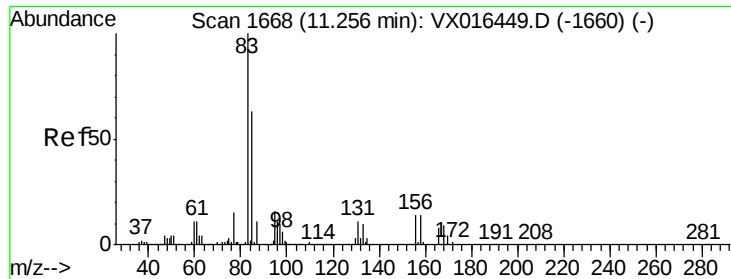
43 100

70 46.0 36.1 54.1

55 25.2 20.2 30.4

61 25.7 20.3 30.5





#75

1,1,2,2-Tetrachloroethane

Concen: 51.44 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

Instrument :

MSVOA_X

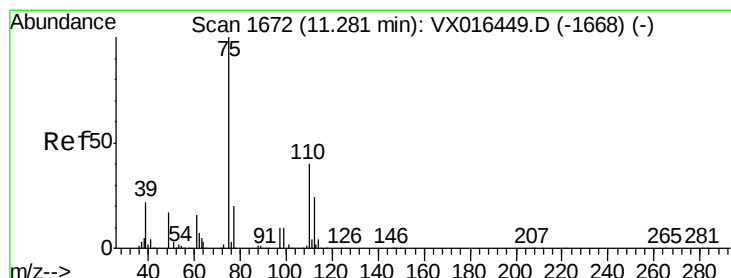
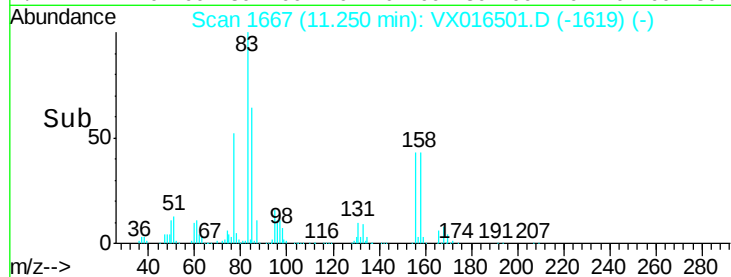
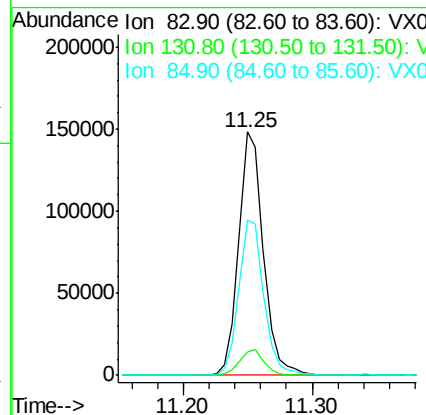
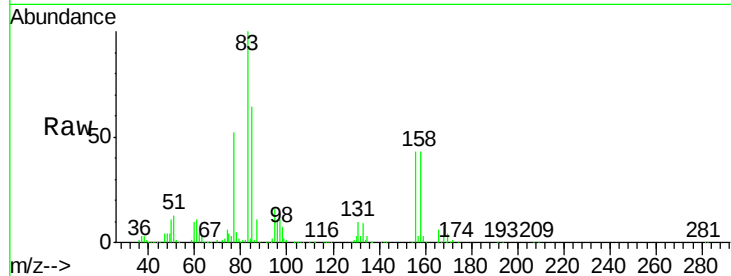
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	198440
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.1	15.3
85	65.1	32.0	96.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 52.42 ug/l m

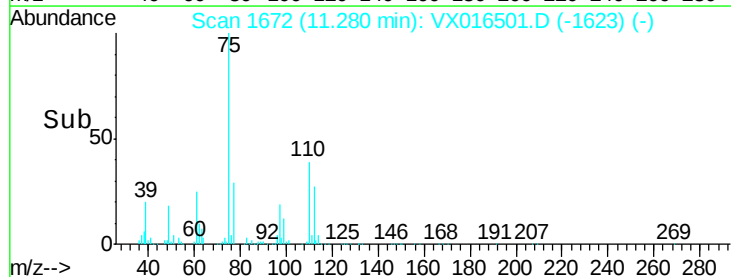
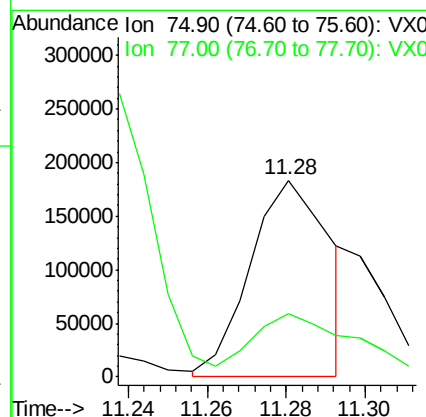
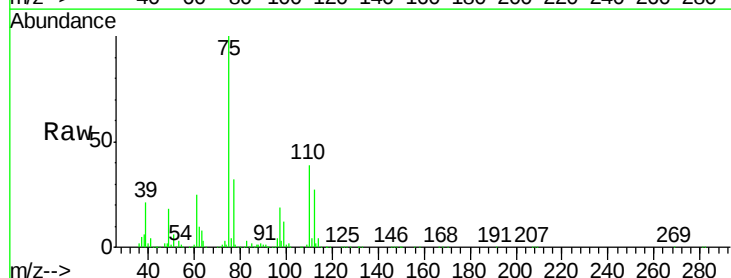
RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

Tgt Ion:	75	Resp:	255966
Ion Ratio	Lower	Upper	
75	100		
77	41.6	21.3	63.7





#77

Bromobenzene

Concen: 51.18 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

Instrument :

MSVOA_X

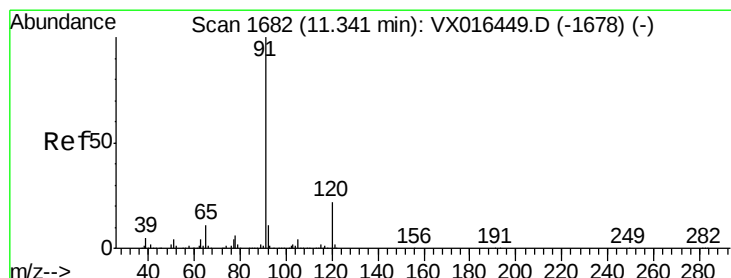
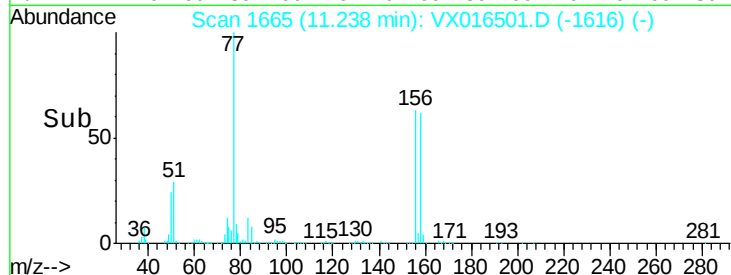
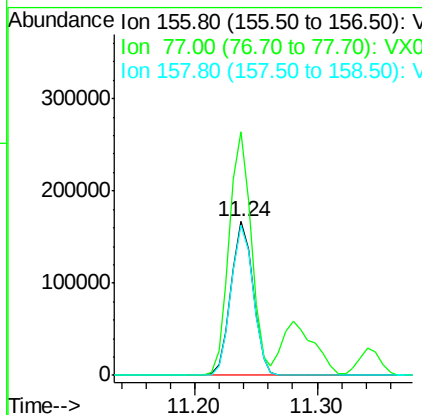
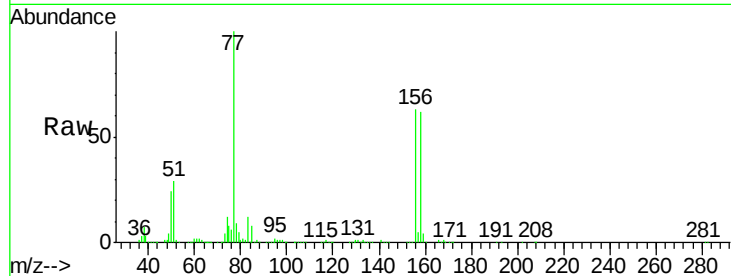
ClientSampleId :

VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
156	100	206625		
77	159.5	79.6	238.8	
158	98.3	48.1	144.4	

Manual Integrations
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#78

n-propylbenzene

Concen: 52.92 ug/l

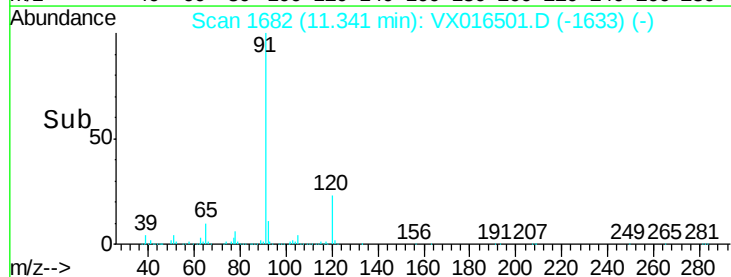
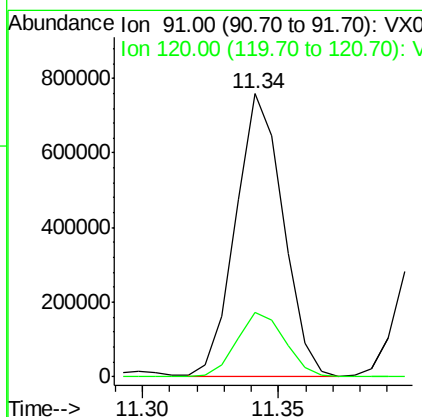
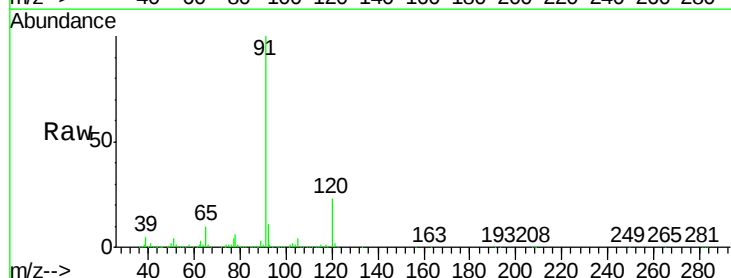
RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	910068		
120	23.3	11.6	34.7	





#79

2-Chlorotoluene

Concen: 52.38 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 549797

Ion Ratio Lower Upper

91 100

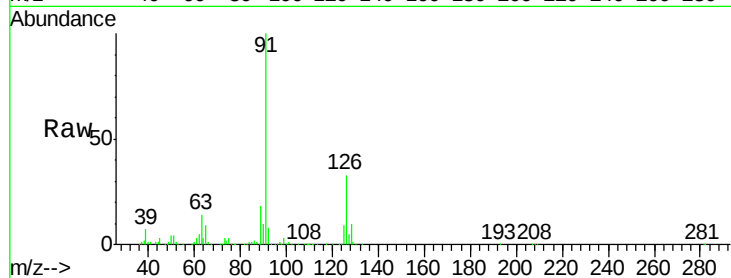
126 33.7 16.8 50.3

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX016449.D (-1688) (-)

Ion 125.90 (125.60 to 126.60): VX016449.D (-1688) (-)

800000

600000

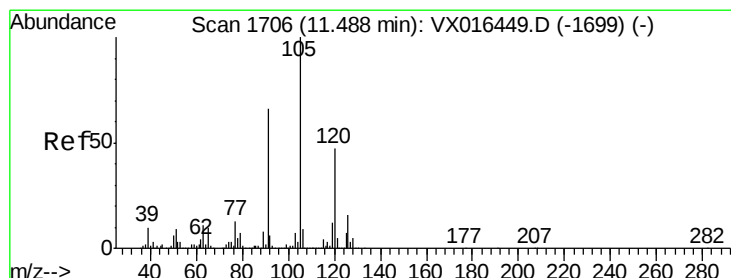
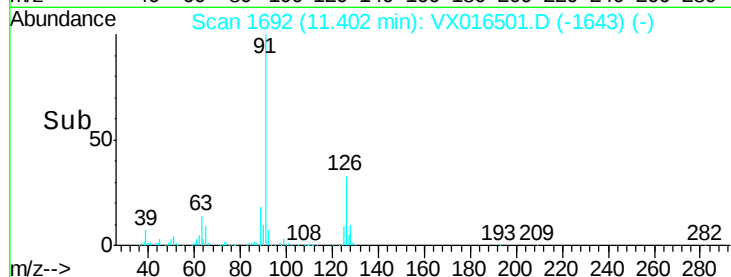
400000

200000

0

11.35 11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 53.12 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX016501.D

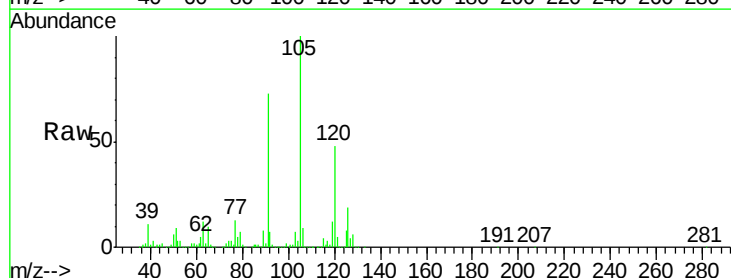
Acq: 29 May 2020 11:05

Tgt Ion: 105 Resp: 682645

Ion Ratio Lower Upper

105 100

120 48.9 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VX016449.D (-1699) (-)

Ion 120.00 (119.70 to 120.70): VX016449.D (-1699) (-)

600000

500000

400000

300000

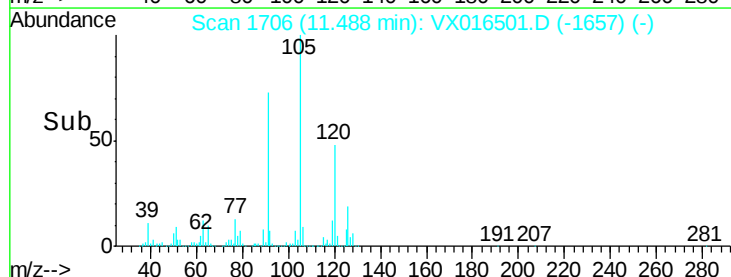
200000

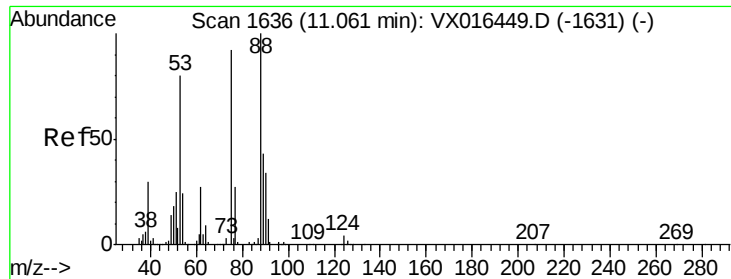
100000

0

11.40 11.50 11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 52.33 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

Instrument :

MSVOA_X

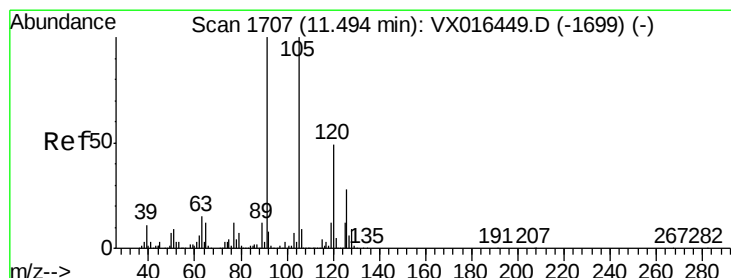
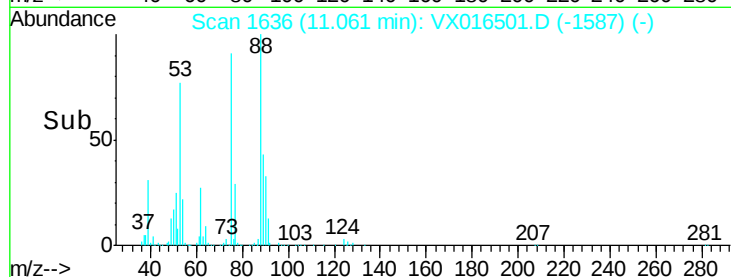
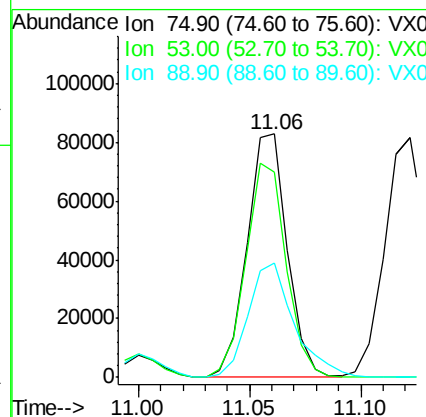
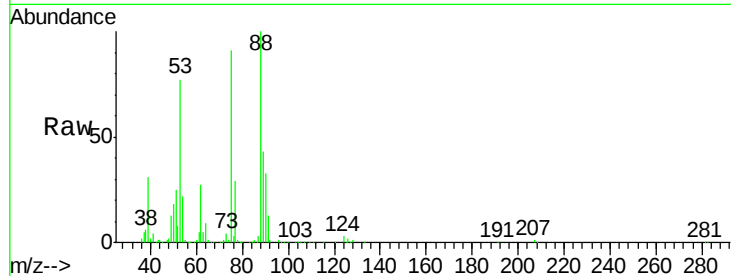
ClientSampled :

VSTDCCC050

Tgt Ion:	75	Resp:	103878
Ion Ratio	Lower	Upper	
75	100		
53	88.8	71.3	106.9
89	54.4	36.6	55.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 52.71 ug/l

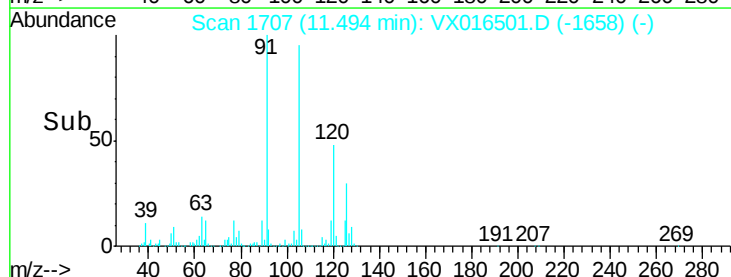
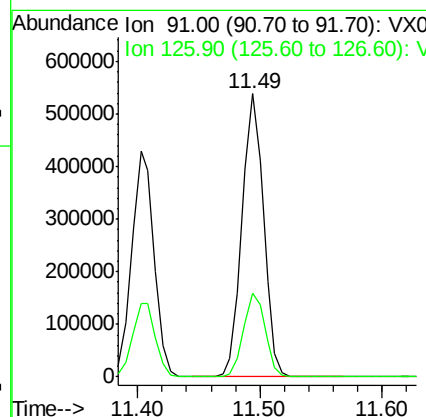
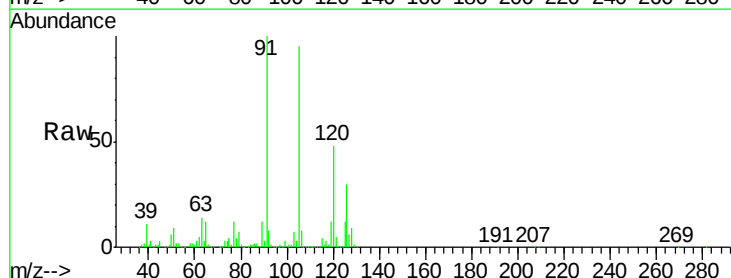
RT: 11.49 min Scan# 1707

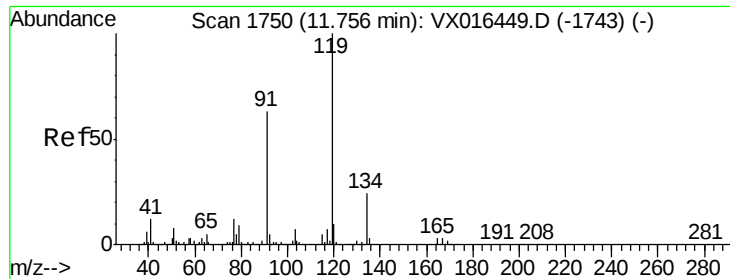
Delta R.T. -0.00 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

Tgt Ion:	91	Resp:	653335
Ion Ratio	Lower	Upper	
91	100		
126	29.7	14.7	44.1





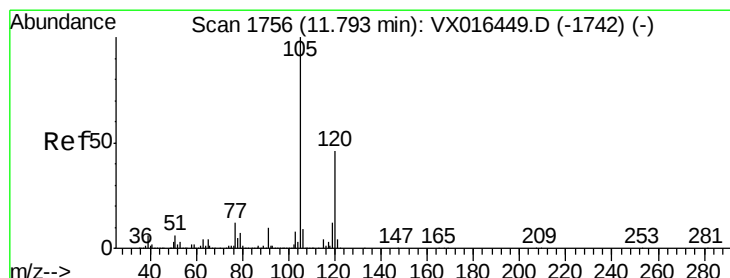
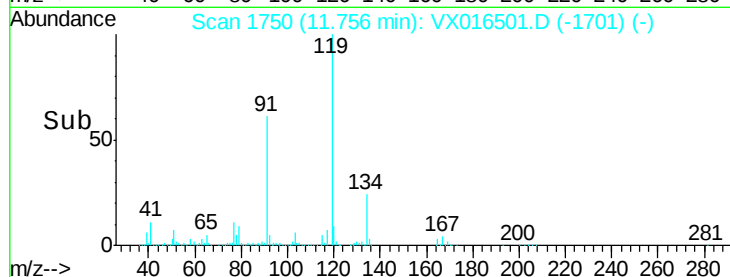
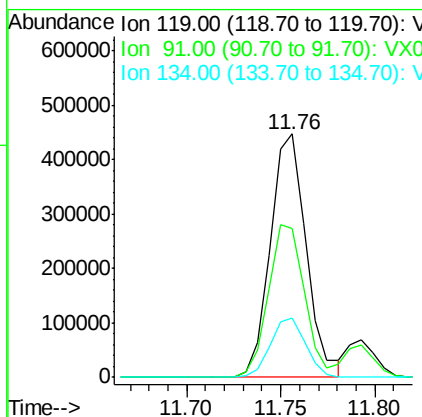
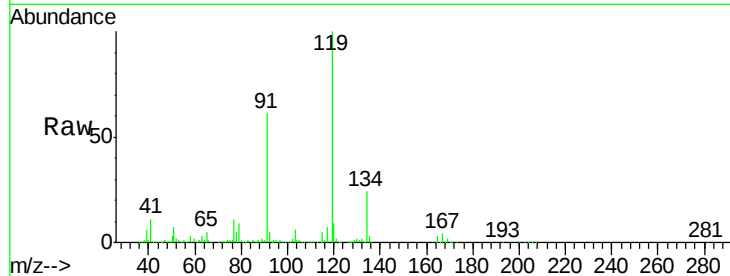
#83
 tert-Butylbenzene
 Concen: 53.96 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX016501.D
 Acq: 29 May 2020 11:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	592526		
91	62.8	31.3	93.8	
134	23.6	12.0	36.0	

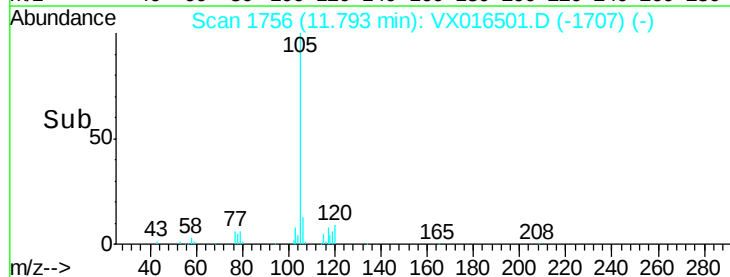
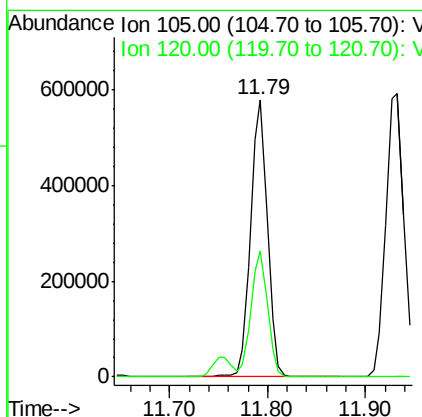
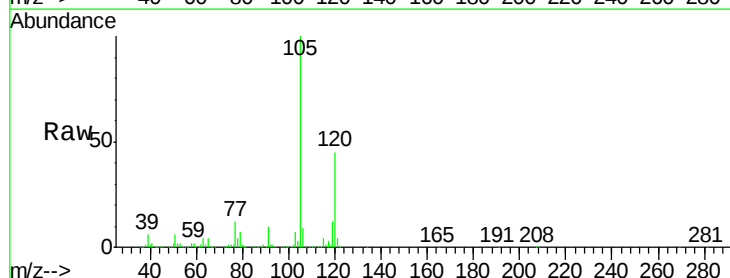
Manual Integrations
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#84
 1,2,4-Trimethylbenzene
 Concen: 53.20 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016501.D
 Acq: 29 May 2020 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	691455		
120	45.0	22.6	67.7	





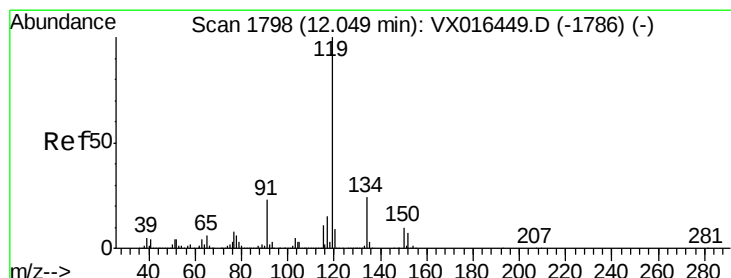
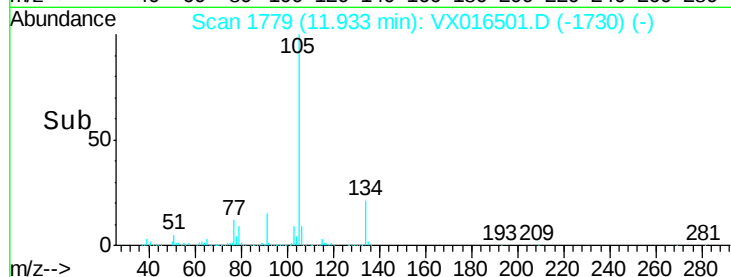
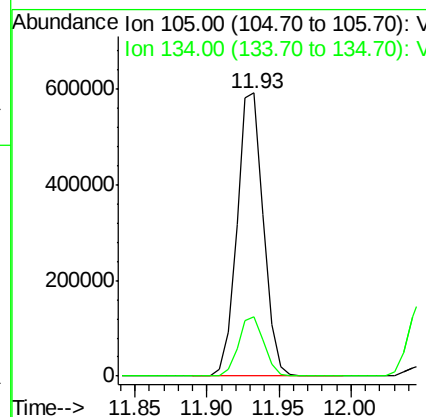
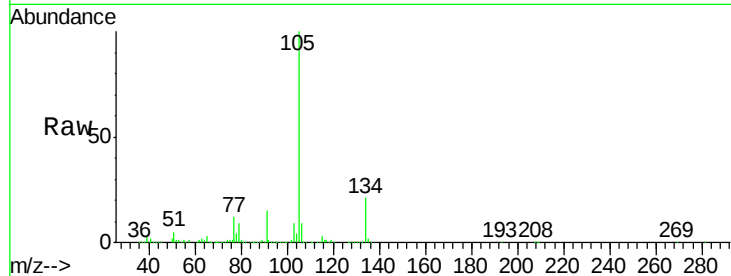
#85
 sec-Butylbenzene
 Concen: 54.84 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016501.D
 Acq: 29 May 2020 11:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	755455		
134	20.4	10.1	30.3	

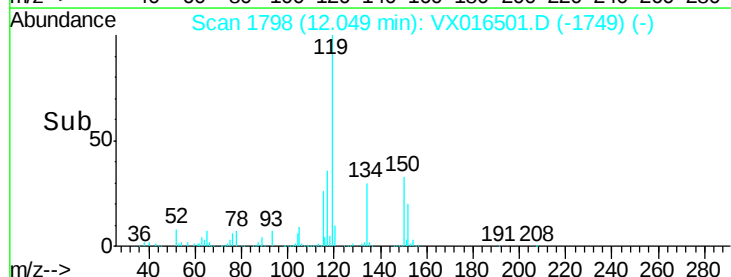
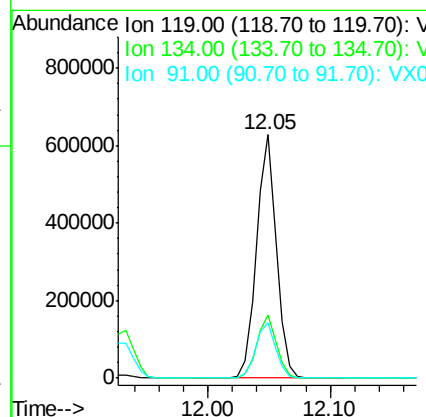
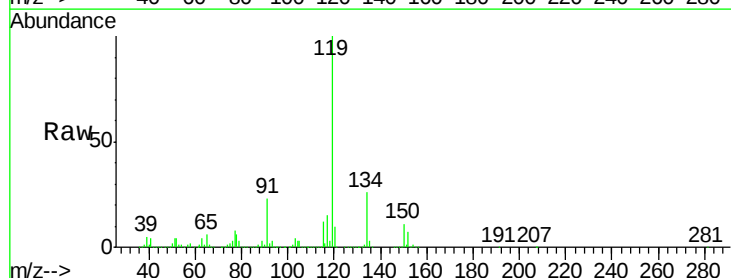
Manual Integrations
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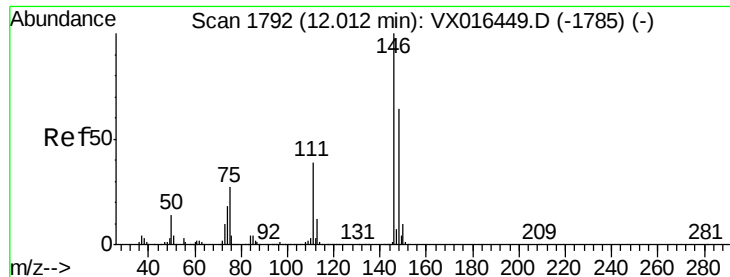
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 6/1/2020 12:28:03 PM



#86
 p-Isopropyltoluene
 Concen: 55.36 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016501.D
 Acq: 29 May 2020 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	714338		
134	25.9	12.7	38.0	
91	23.2	11.7	35.0	





#87

1,3-Dichlorobenzene

Concen: 52.15 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

Instrument :

MSVOA_X

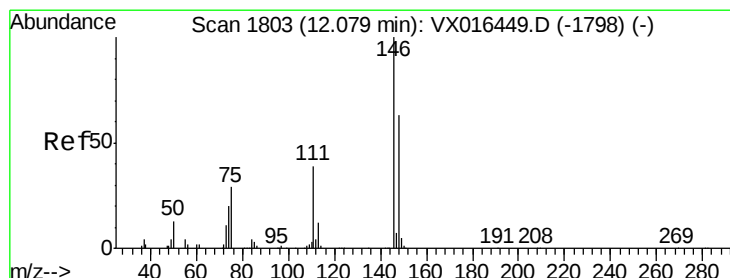
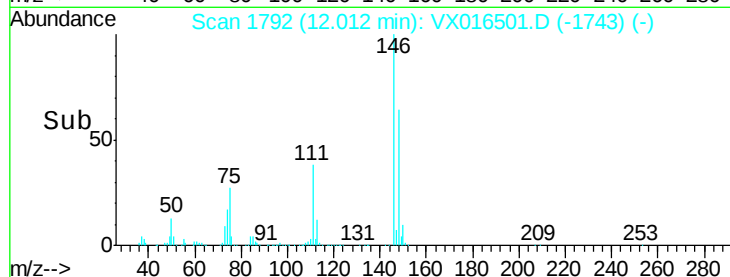
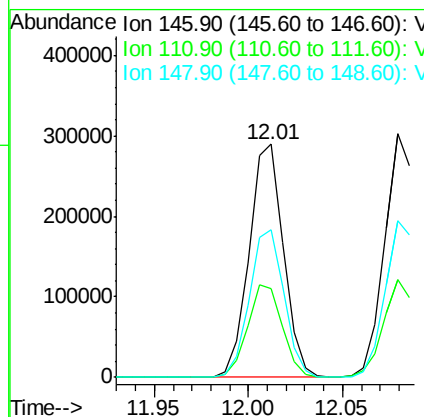
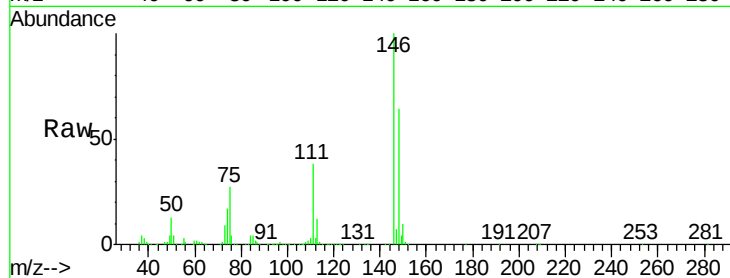
ClientSampleId :

VSTDCCC050

Tgt Ion:	146	Resp:	364749
Ion Ratio	Lower	Upper	
146	100		
111	40.3	20.0	60.0
148	64.1	31.9	95.5

Manual Integrations
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6/1/2020 12:28:03 PM



#88

1,4-Dichlorobenzene

Concen: 51.41 ug/l

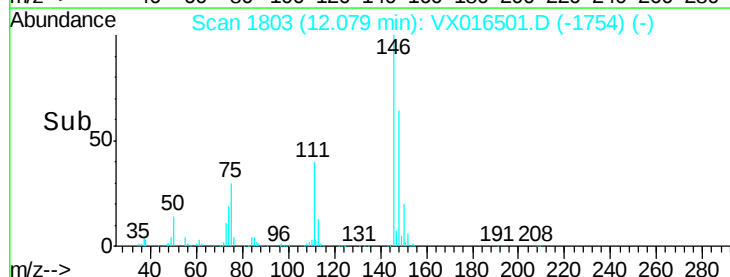
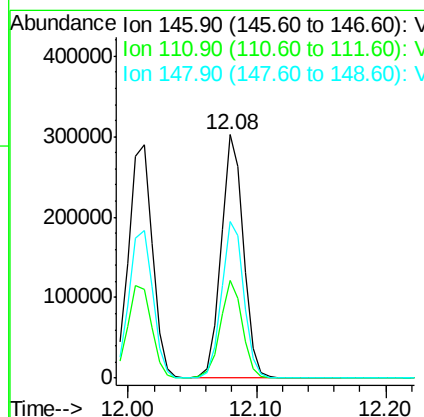
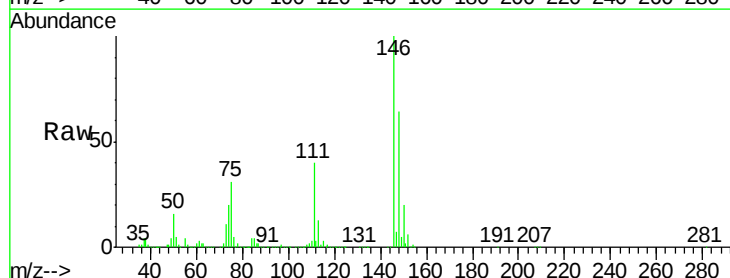
RT: 12.08 min Scan# 1803

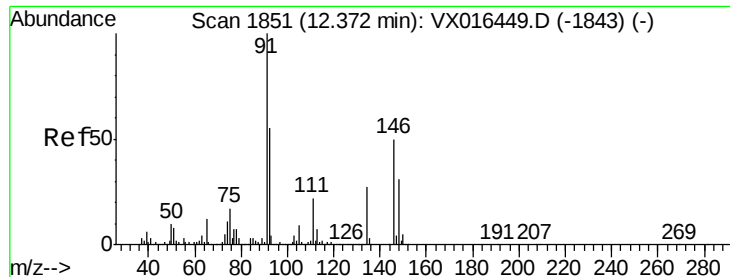
Delta R.T. -0.00 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

Tgt Ion:	146	Resp:	367742
Ion Ratio	Lower	Upper	
146	100		
111	39.8	19.4	58.2
148	64.5	31.4	94.3





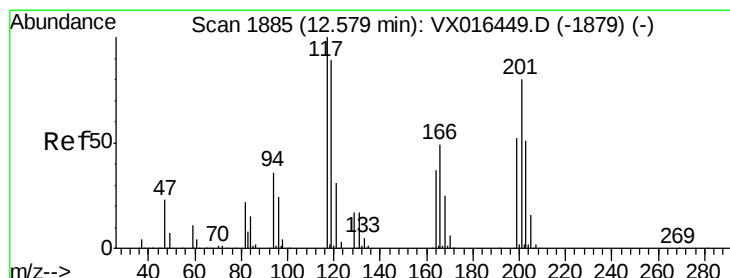
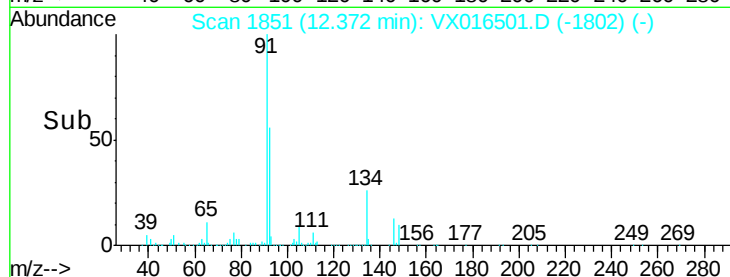
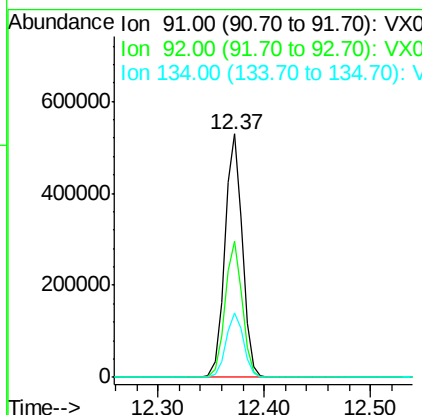
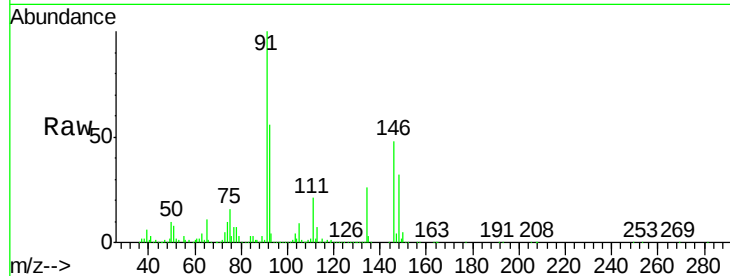
#89
n-Butylbenzene
Concen: 56.30 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016501.D
Acq: 29 May 2020 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	605125		
92	54.7	27.2	81.5	
134	26.5	13.1	39.3	

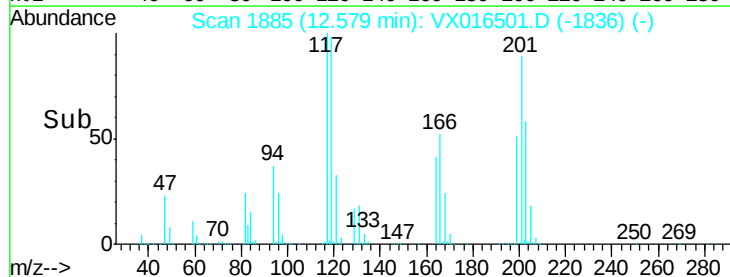
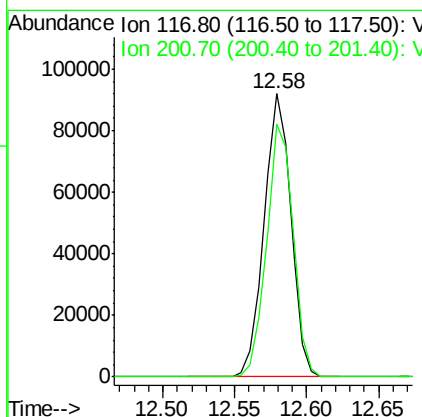
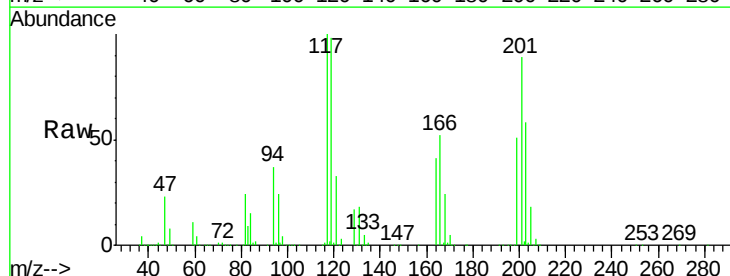
Manual Integrations
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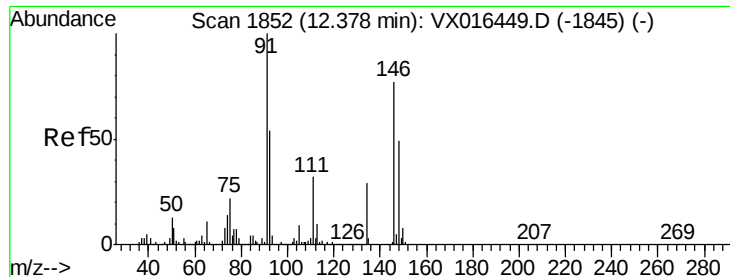
MMDadoda
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#90
Hexachloroethane
Concen: 52.99 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016501.D
Acq: 29 May 2020 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	118108		
201	88.4	43.1	129.3	





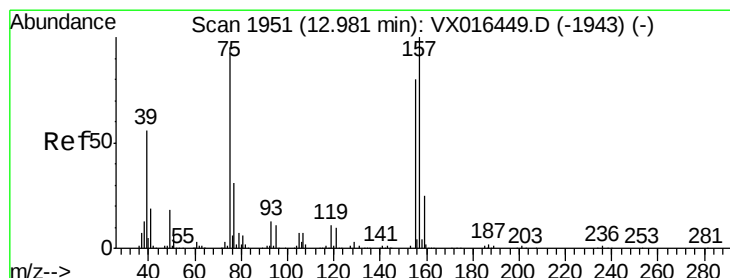
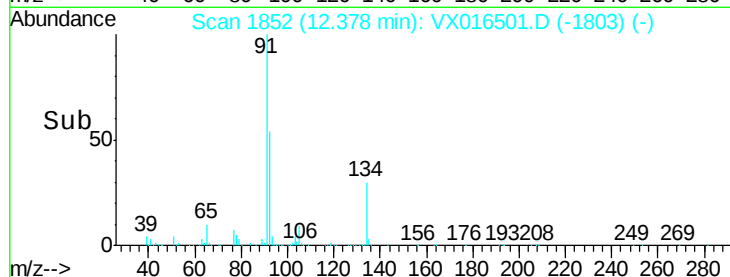
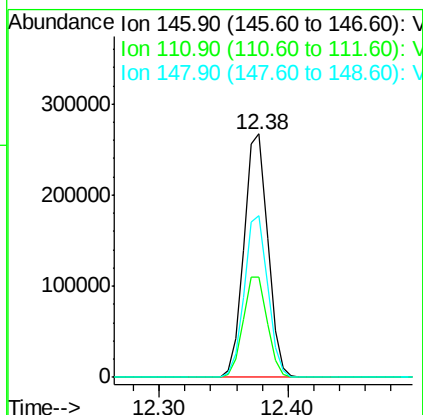
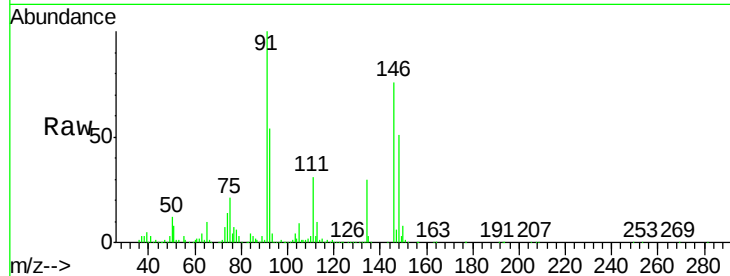
#91
1,2-Dichlorobenzene
Concen: 50.22 ug/l
RT: 12.38 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VX016501.D
Acq: 29 May 2020 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	340303		
111	41.8	21.4	64.3	
148	65.3	31.9	95.7	

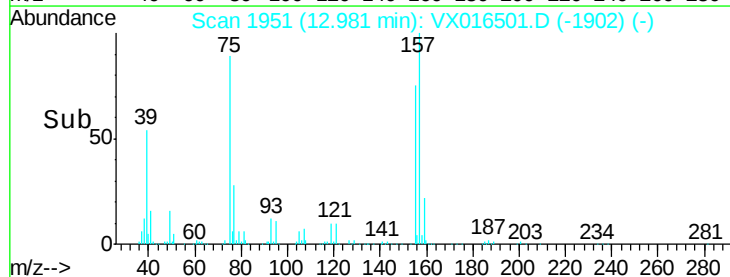
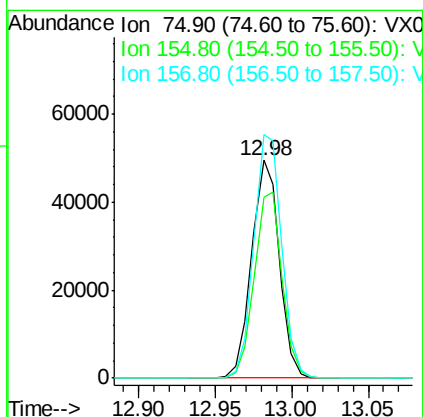
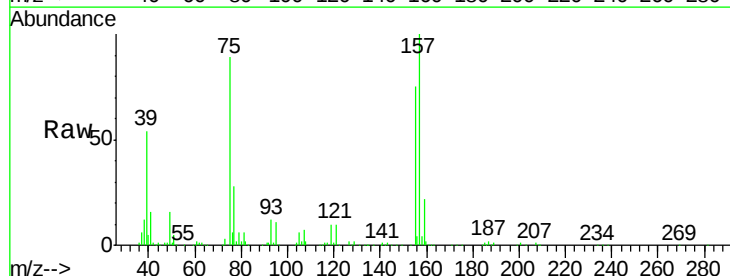
Manual Integrations
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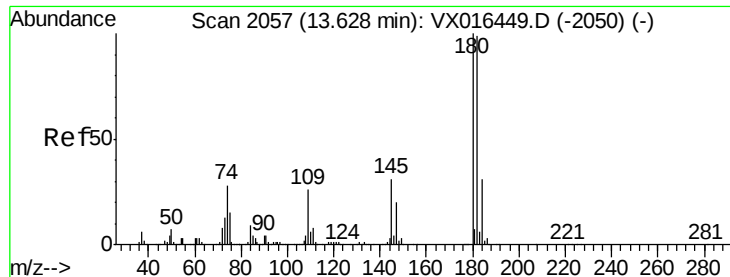
MMDadoda
6/1/2020 12:28:03 PM



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.00 ug/l
RT: 12.98 min Scan# 1951
Delta R.T. -0.00 min
Lab File: VX016501.D
Acq: 29 May 2020 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	62474		
155	85.8	44.1	132.4	
157	112.6	57.8	173.3	





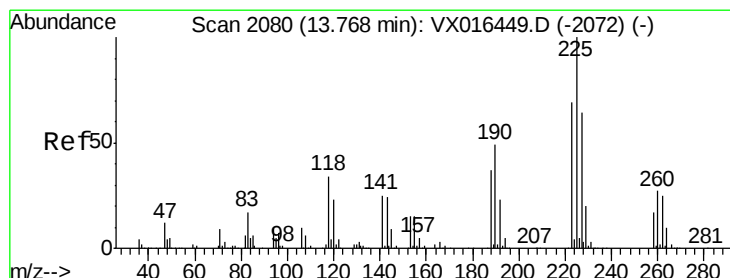
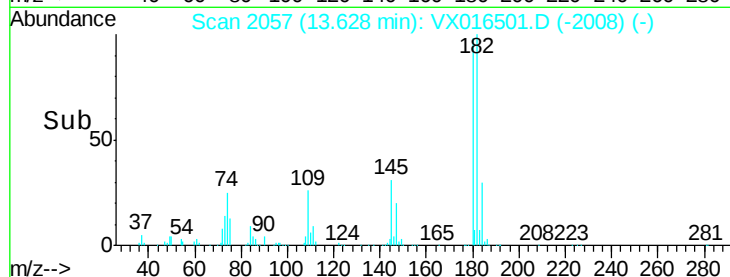
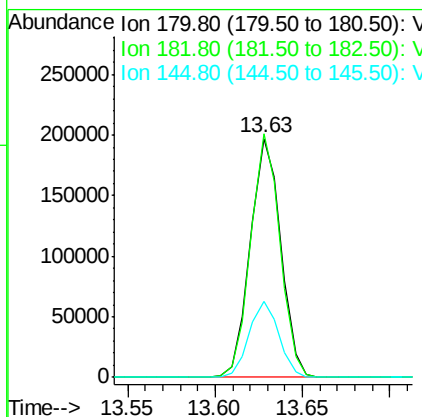
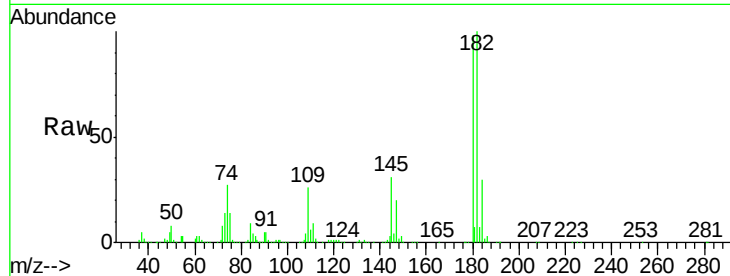
#93
1,2,4-Trichlorobenzene
Concen: 53.15 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX016501.D
Acq: 29 May 2020 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	239204		
182	97.9	48.3	144.8	
145	31.2	15.4	46.2	

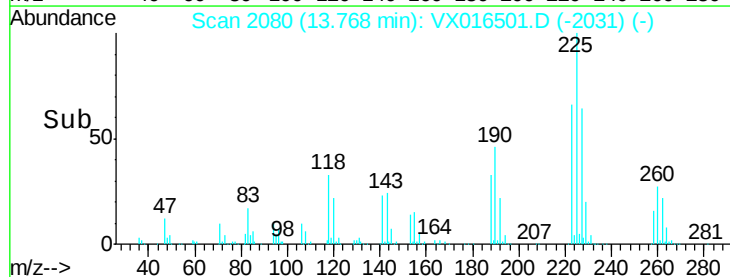
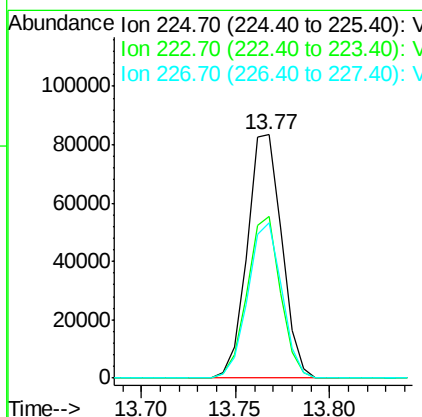
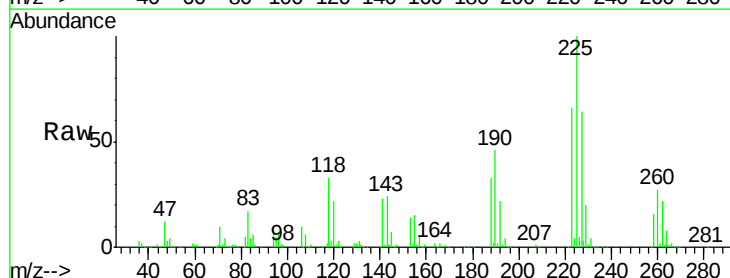
Manual Integrations
APPROVED

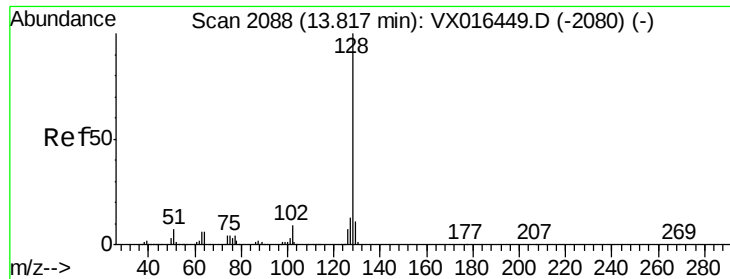
MMDadoda
6/1/2020 12:28:03 PM



#94
Hexachlorobutadiene
Concen: 60.22 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX016501.D
Acq: 29 May 2020 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	106404		
223	63.6	32.3	96.8	
227	62.5	31.6	94.7	





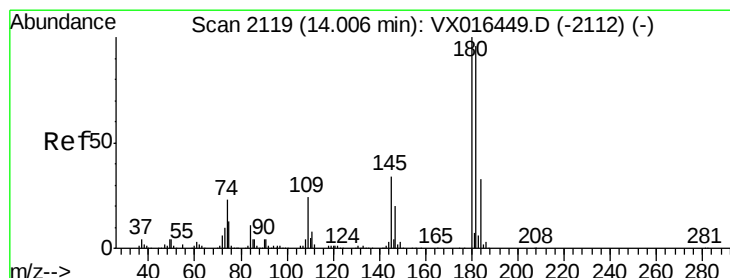
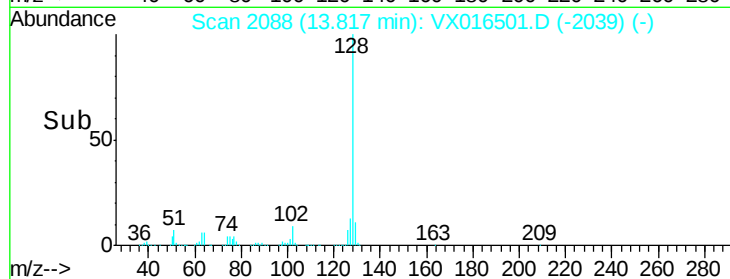
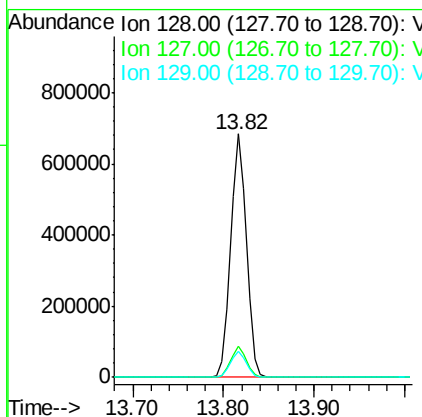
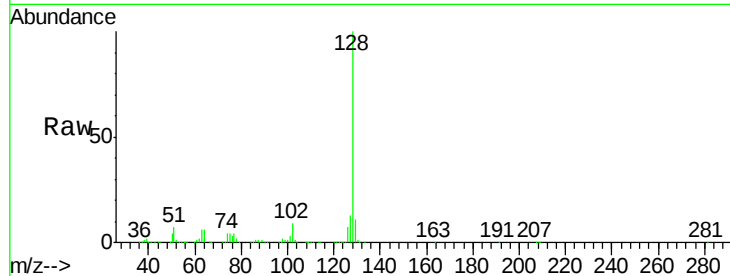
#95
Naphthalene
Concen: 53.32 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016501.D
Acq: 29 May 2020 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	822522		
127	12.6	10.6	15.8	
129	10.7	8.6	13.0	

Manual Integrations
APPROVED

MMDadoda
6/1/2020 12:28:03 PM



#96
1,2,3-Trichlorobenzene
Concen: 55.68 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VX016501.D
Acq: 29 May 2020 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	245458		
182	92.4	48.6	145.8	
145	31.9	16.6	49.8	

