

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051420\
 Data File : VX016219.D
 Acq On : 14 May 2020 10:25
 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
 5/15/2020 12:28:54 PM

Quant Time: May 15 01:49:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	278152	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.83	114	437484	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	403174	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	210928	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	161966	44.25	ug/l	0.00
Spiked Amount						
			Recovery	=	88.50%	
35) Dibromofluoromethane	5.46	113	131217	47.34	ug/l	-0.01
Spiked Amount						
			Recovery	=	94.68%	
50) Toluene-d8	8.70	98	509428	47.70	ug/l	0.00
Spiked Amount						
			Recovery	=	95.40%	
62) 4-Bromofluorobenzene	11.12	95	198718	48.92	ug/l	0.00
Spiked Amount						
			Recovery	=	97.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	148154	50.321	ug/l	100
3) Chloromethane	1.31	50	148911	43.552	ug/l	100
4) Vinyl Chloride	1.39	62	165654	45.411	ug/l	99
5) Bromomethane	1.62	94	73818	40.139	ug/l	98
6) Chloroethane	1.70	64	98174	44.231	ug/l	99
7) Trichlorofluoromethane	1.91	101	219927	45.922	ug/l	99
8) Diethyl Ether	2.17	74	87818	43.520	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	128673	46.569	ug/l	99
10) Methyl Iodide	2.49	142	137401	37.021	ug/l	100
11) Tert butyl alcohol	3.02	59	188268	203.408	ug/l	100
12) 1,1-Dichloroethene	2.35	96	126114	43.617	ug/l	92
13) Acrolein	2.27	56	110347	190.520	ug/l	98
14) Allyl chloride	2.70	41	234558	44.243	ug/l	96
15) Acrylonitrile	3.11	53	423870	220.754	ug/l	99
16) Acetone	2.42	43	329548	201.787	ug/l	96
17) Carbon Disulfide	2.55	76	372423	42.861	ug/l	100
18) Methyl Acetate	2.75	43	184051	45.835	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	471485	47.302	ug/l	100
20) Methylene Chloride	2.83	84	150681	44.756	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	145193	45.061	ug/l	97
22) Diisopropyl ether	3.82	45	461115	46.104	ug/l	90
23) Vinyl Acetate	3.78	43	2012061	228.660	ug/l	100
24) 1,1-Dichloroethane	3.67	63	264849	47.337	ug/l	100
25) 2-Butanone	4.63	43	559567	212.629	ug/l	99
26) 2,2-Dichloropropane	4.54	77	239937	46.958	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	166067	47.144	ug/l	98
28) Bromochloromethane	4.98	49	116900	45.821	ug/l	96
29) Tetrahydrofuran	5.09	42	379135	217.426	ug/l	99
30) Chloroform	5.17	83	264957	47.563	ug/l	100
31) Cyclohexane	5.54	56	236700	46.551	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	238213	47.044	ug/l	98
36) 1,1-Dichloropropene	5.77	75	203572	47.272	ug/l	100
37) Ethyl Acetate	4.79	43	222375	44.553	ug/l	99
38) Carbon Tetrachloride	5.76	117	212268	48.494	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	236808	45.662	ug/l	99
40) Benzene	6.11	78	606708	48.150	ug/l	97
41) Methacrylonitrile	5.00	41	122346	45.389	ug/l	100
42) 1,2-Dichloroethane	6.16	62	209704	46.200	ug/l	99
43) Isopropyl Acetate	6.41	43	358920	45.069	ug/l	98
44) Trichloroethene	7.19	130	203332	45.423	ug/l	98
45) 1,2-Dichloropropane	7.49	63	156305	49.024	ug/l	97
46) Dibromomethane	7.63	93	102720	47.409	ug/l	99
47) Bromodichloromethane	7.87	83	216672	49.101	ug/l	100
48) Methyl methacrylate	7.74	41	170957	45.304	ug/l	96
49) 1,4-Dioxane	7.71	88	78119	863.162	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1120956	230.018	ug/l	98
52) Toluene	8.76	92	387307	49.313	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	254078	48.291	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	267956	48.758	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	153282	49.605	ug/l	99
56) Ethyl methacrylate	9.16	69	248358	49.239	ug/l	95
57) 1,3-Dichloropropane	9.35	76	263928	48.950	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	657239	244.757	ug/l	100
59) 2-Hexanone	9.47	43	865871	226.245	ug/l	98
60) Dibromochloromethane	9.57	129	171309	50.337	ug/l	99
61) 1,2-Dibromoethane	9.65	107	161920	48.376	ug/l	99
64) Tetrachloroethene	9.32	164	238663	48.220	ug/l	98
65) Chlorobenzene	10.12	112	411446	48.738	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	157821	50.580	ug/l	99
67) Ethyl Benzene	10.24	91	745153	49.470	ug/l	100
68) m/p-Xylenes	10.34	106	559974	99.226	ug/l	99
69) o-Xylene	10.68	106	268315	49.462	ug/l	100
70) Styrene	10.70	104	469103	50.973	ug/l	100
71) Bromoform	10.84	173	131096	51.569	ug/l #	97
73) Isopropylbenzene	11.00	105	721640	47.038	ug/l	99
74) N-amyl acetate	10.88	43	311015	43.462	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	154963	51.277	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	220314m	46.029	ug/l	
77) Bromobenzene	11.24	156	182015	45.964	ug/l	99
78) n-propylbenzene	11.34	91	836564	46.872	ug/l	99
79) 2-Chlorotoluene	11.40	91	493899	46.882	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	615948	47.551	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	91662	45.637	ug/l	94
82) 4-Chlorotoluene	11.49	91	595999	47.908	ug/l	100
83) tert-Butylbenzene	11.76	119	525201	47.048	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	629977	48.105	ug/l	99
85) sec-Butylbenzene	11.93	105	700061	46.447	ug/l	100
86) p-Isopropyltoluene	12.05	119	661419	47.265	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	336170	47.280	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	334363	46.332	ug/l	98
89) n-Butylbenzene	12.37	91	583003	45.603	ug/l	100
90) Hexachloroethane	12.58	117	110686	46.055	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	326237	47.651	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	53723	42.587	ug/l	97

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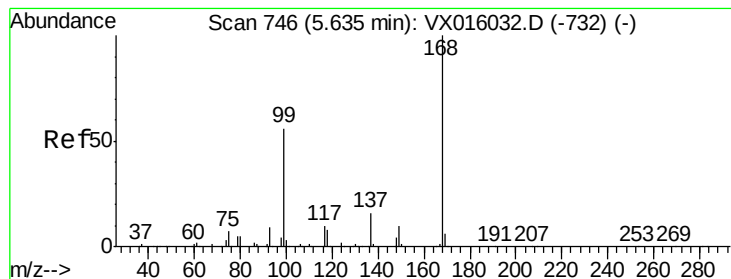
Manual Integrations
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	232169	45.803	ug/l	99
94) Hexachlorobutadiene	13.77	225	94130	43.199	ug/l	96
95) Naphthalene	13.82	128	755033	46.002	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	232131	46.859	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX016219.D

Acq: 14 May 2020 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 278152

Ion Ratio Lower Upper

168 100

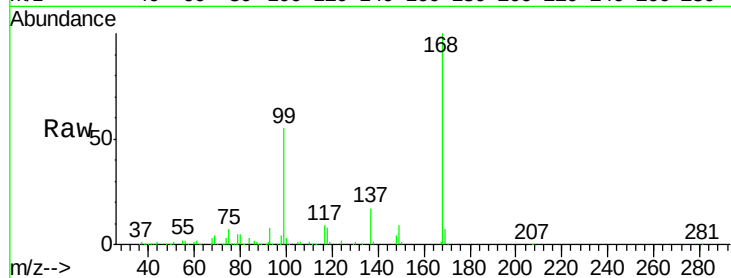
99 54.7 45.0 67.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

100000

80000

60000

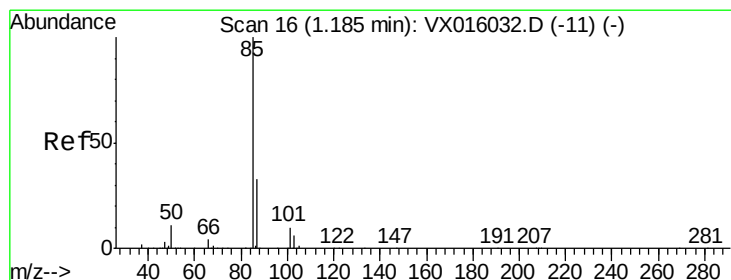
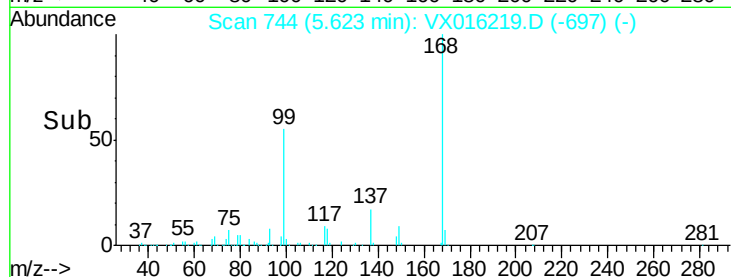
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 50.321 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016219.D

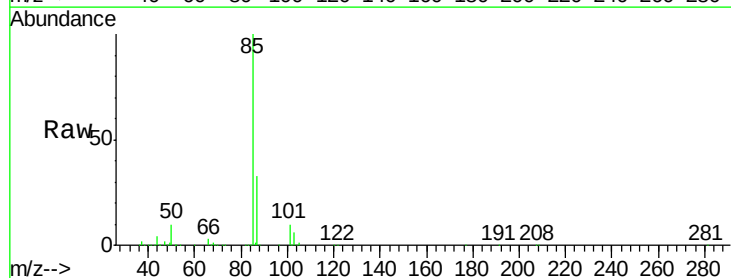
Acq: 14 May 2020 10:25

Tgt Ion: 85 Resp: 148154

Ion Ratio Lower Upper

85 100

87 32.9 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

150000

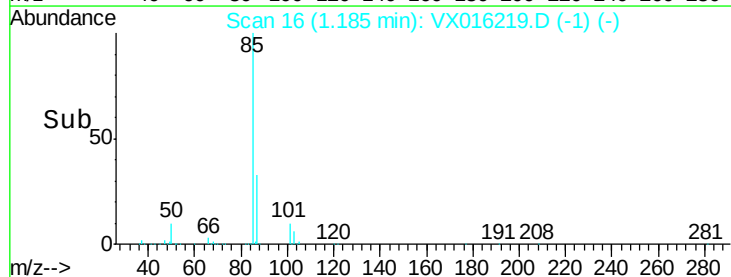
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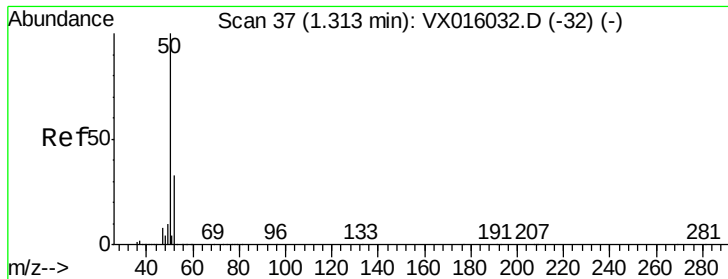
50000

0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 43.552 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016219.D

Acq: 14 May 2020 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 148911

Ion Ratio Lower Upper

50 100

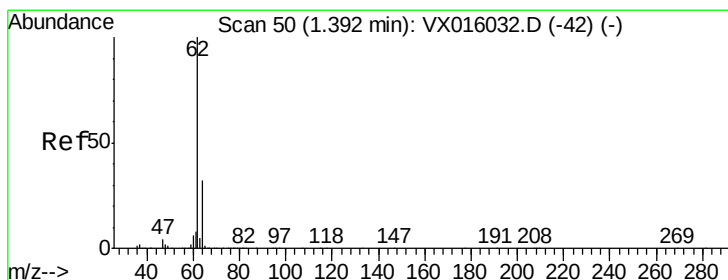
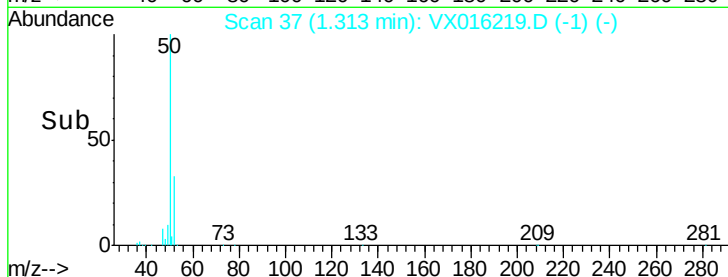
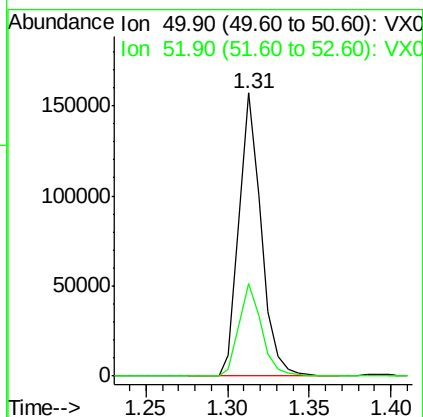
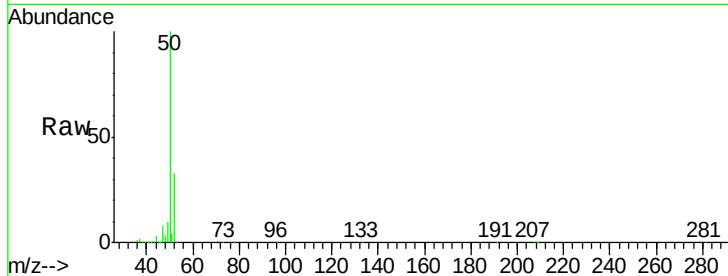
52 32.6 26.1 39.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 45.411 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016219.D

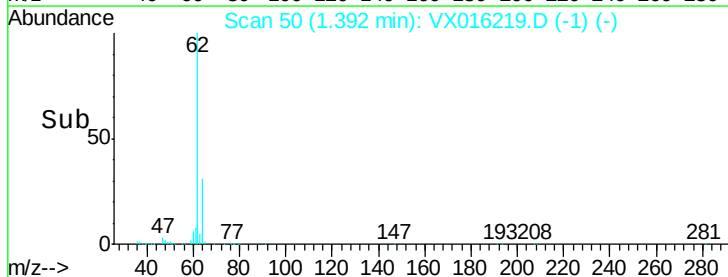
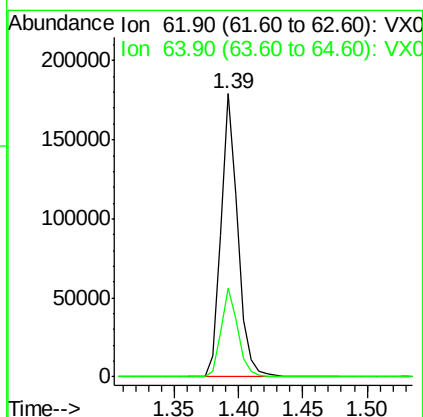
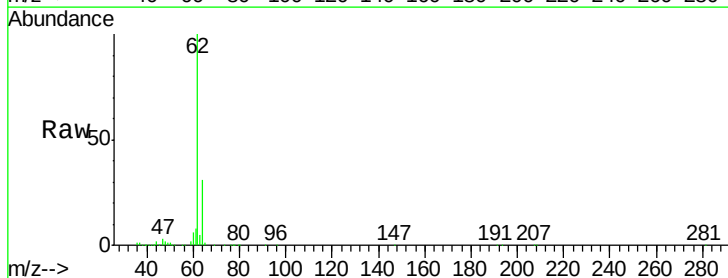
Acq: 14 May 2020 10:25

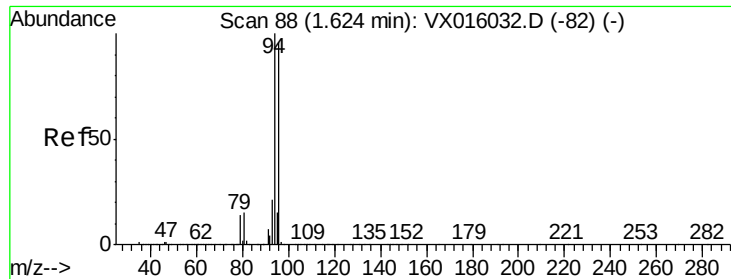
Tgt Ion: 62 Resp: 165654

Ion Ratio Lower Upper

62 100

64 31.5 25.7 38.5





#5

Bromomethane

Concen: 40.139 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016219.D

Acq: 14 May 2020 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 73818

Ion Ratio Lower Upper

94 100

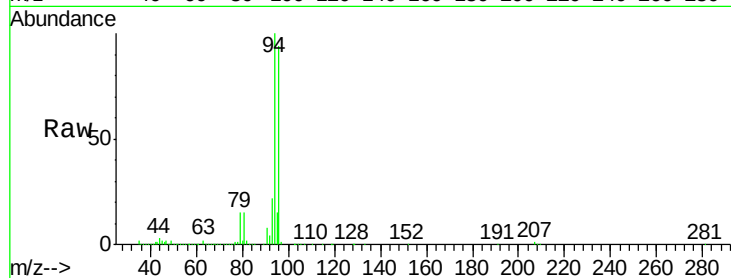
96 94.4 76.9 115.3

Manual Integrations

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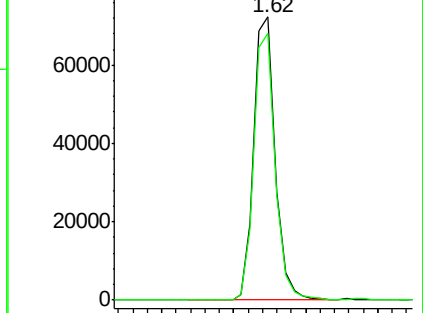
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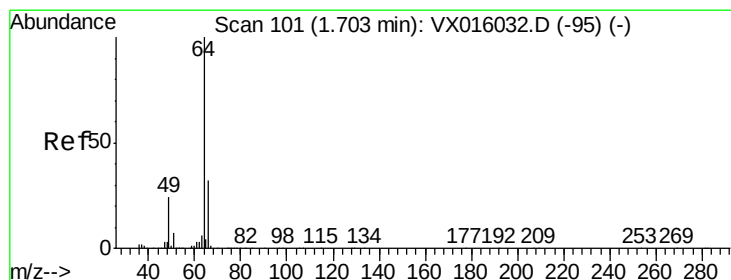
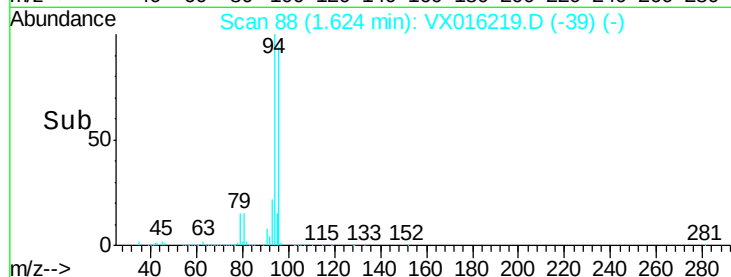


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#6

Chloroethane

Concen: 44.231 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016219.D

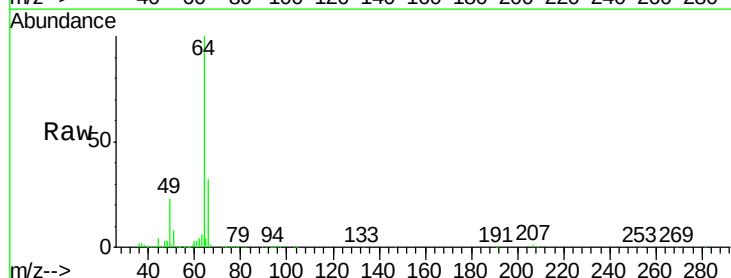
Acq: 14 May 2020 10:25

Tgt Ion: 64 Resp: 98174

Ion Ratio Lower Upper

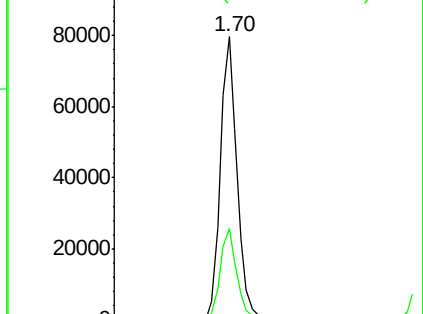
64 100

66 32.2 25.2 37.8

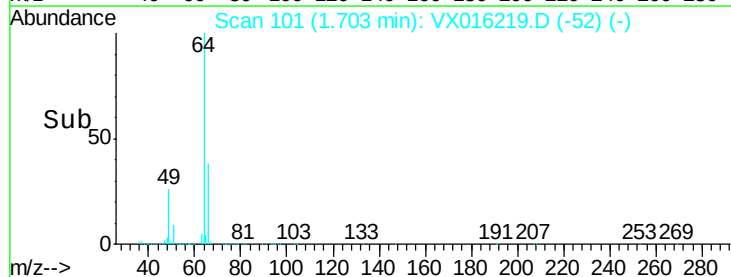


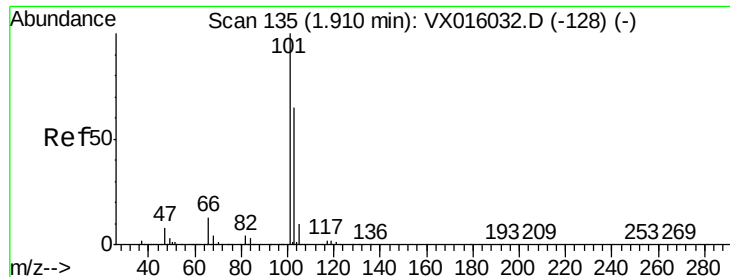
Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



Time-->





#7

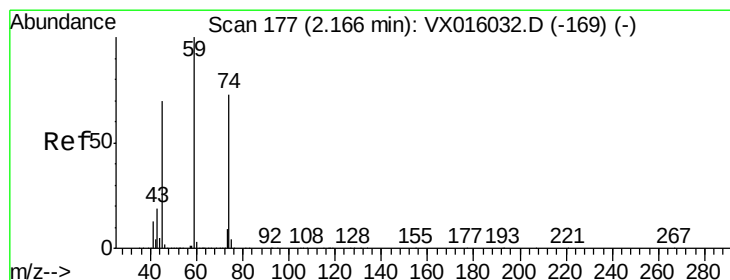
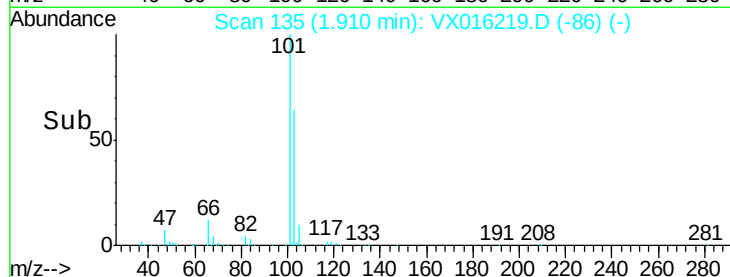
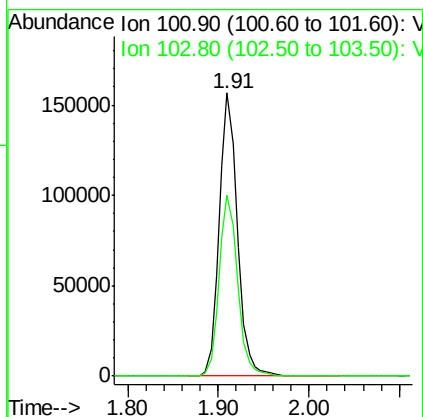
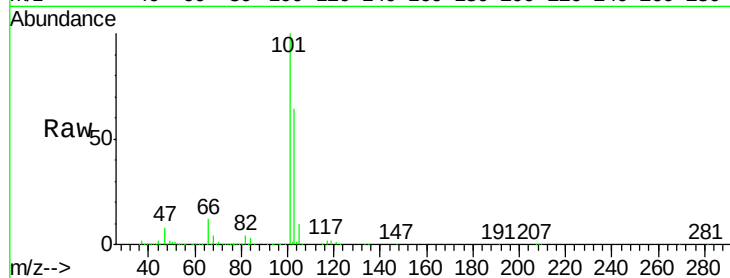
Trichlorofluoromethane
Concen: 45.922 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX016219.D
Acq: 14 May 2020 10:25

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	219927		
103	63.9	51.8	77.6	

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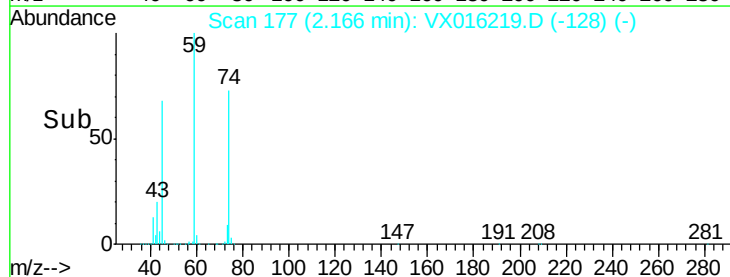
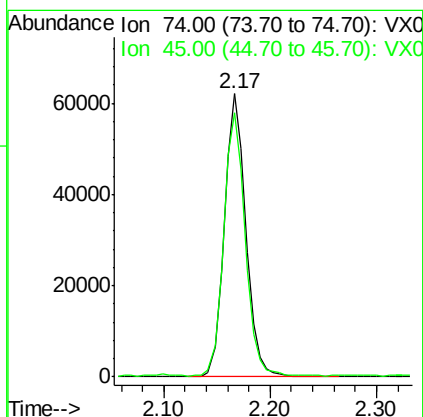
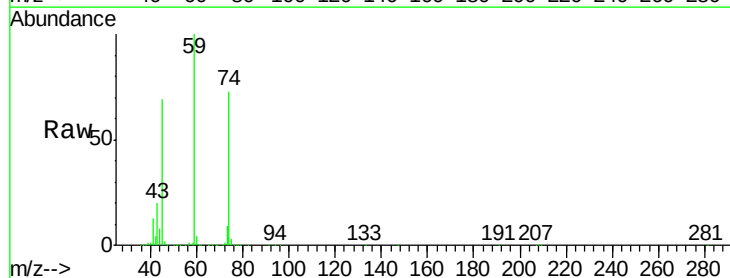
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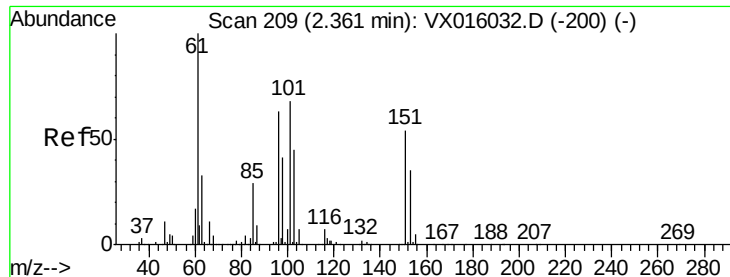


#8

Diethyl Ether
Concen: 43.520 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016219.D
Acq: 14 May 2020 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	87818		
45	92.8	47.3	142.0	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.569 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016219.D

Acq: 14 May 2020 10:25

Instrument :

MSVOA_X

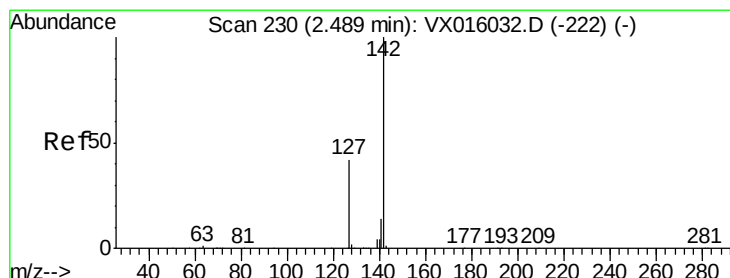
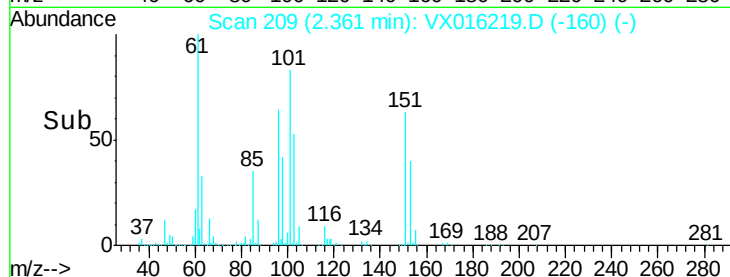
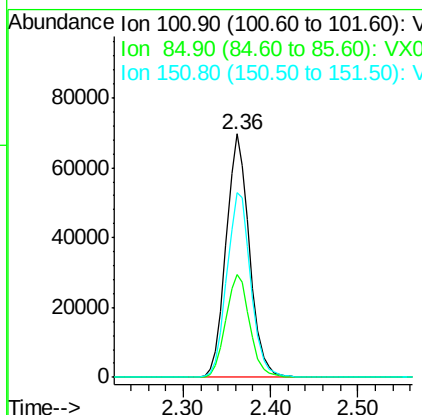
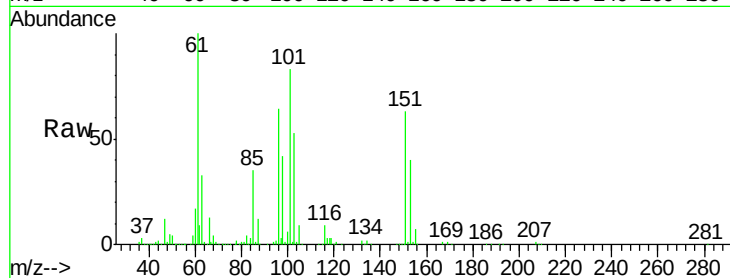
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	128673
Ion Ratio	Lower	Upper	
101	100		
85	43.2	34.2	51.4
151	78.3	62.1	93.1

Manual Integrations
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#10

Methyl Iodide

Concen: 37.021 ug/l

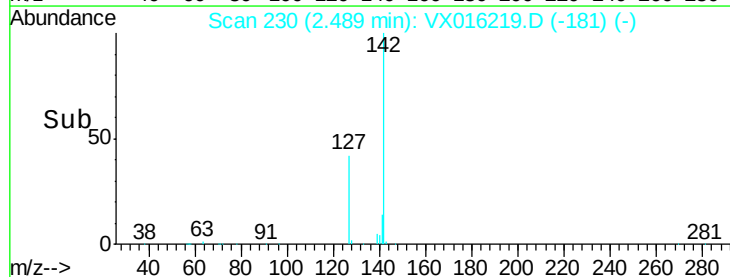
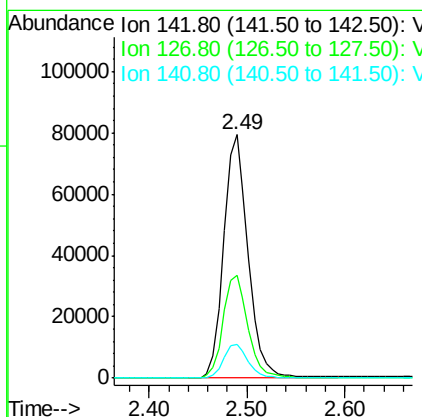
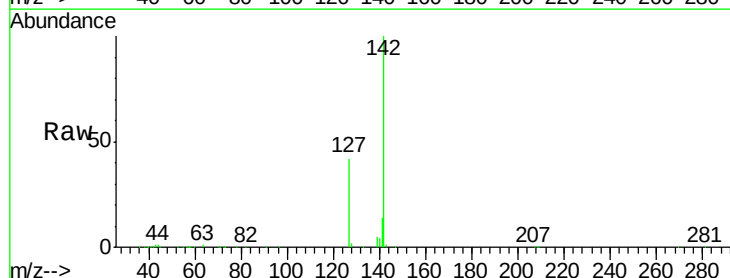
RT: 2.49 min Scan# 230

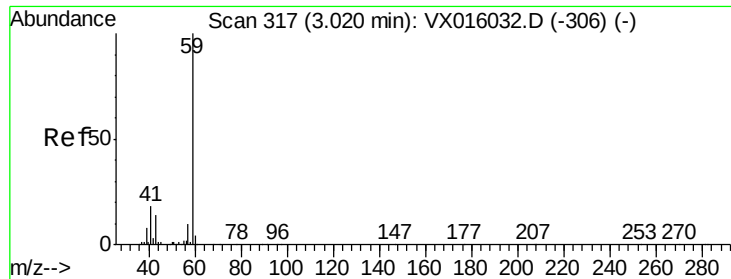
Delta R.T. -0.00 min

Lab File: VX016219.D

Acq: 14 May 2020 10:25

Tgt Ion:	142	Resp:	137401
Ion Ratio	Lower	Upper	
142	100		
127	43.1	34.6	52.0
141	14.0	11.3	16.9





#11

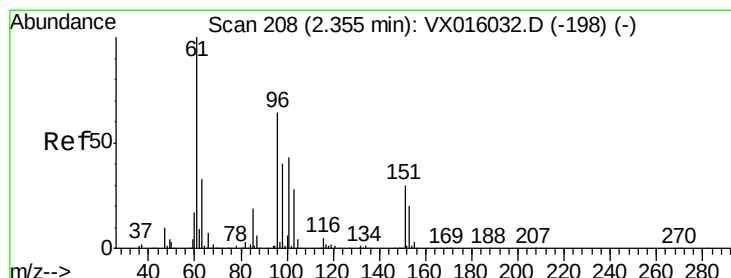
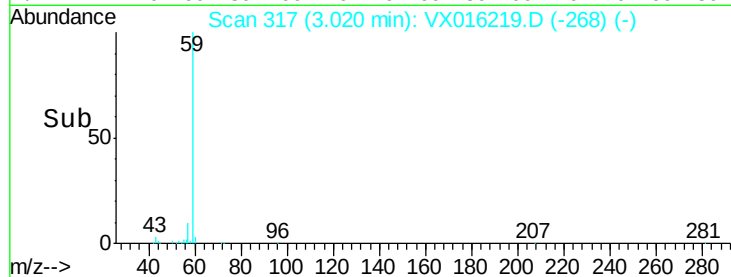
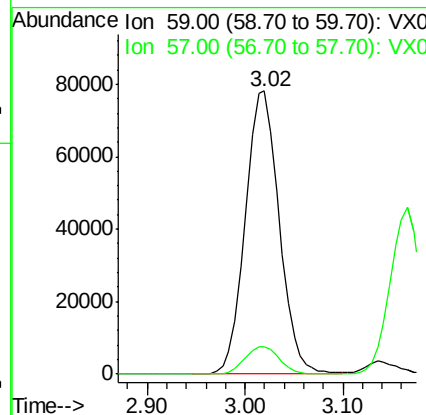
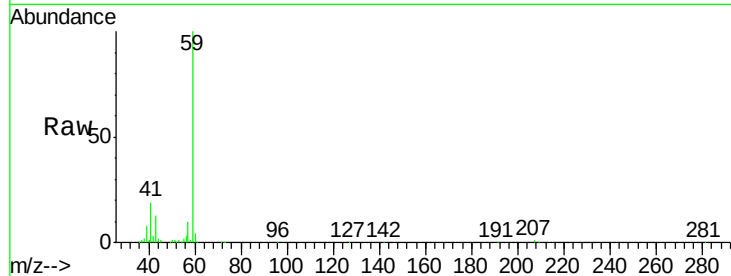
Tert butyl alcohol
Concen: 203.408 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX016219.D
Acq: 14 May 2020 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.2	12.4

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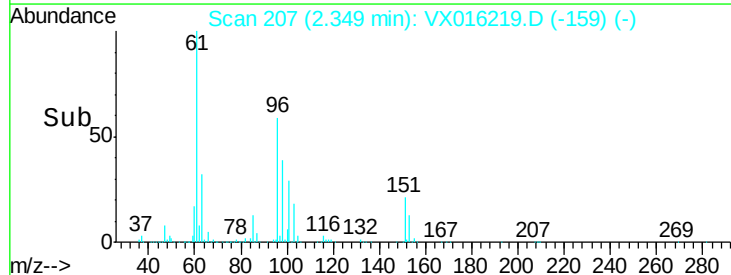
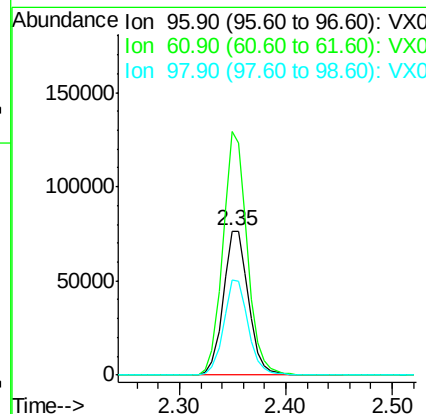
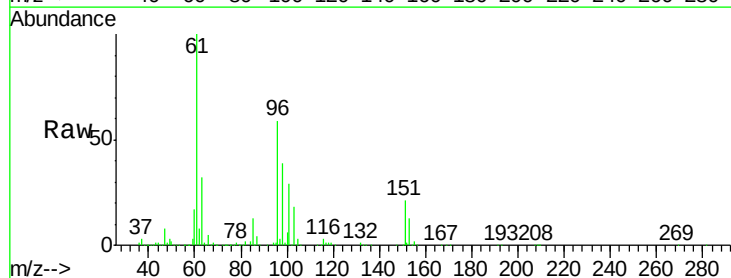
MMDadoda
5/15/2020 12:28:54 PM

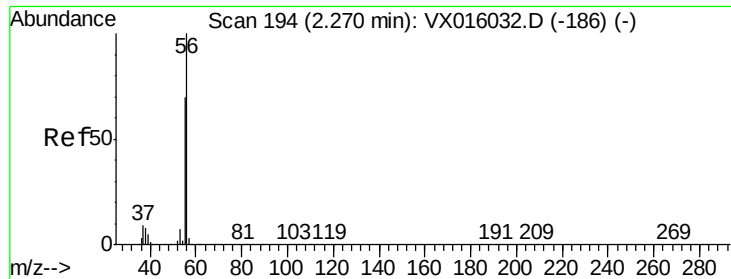


#12

1,1-Dichloroethene
Concen: 43.617 ug/l
RT: 2.35 min Scan# 207
Delta R.T. -0.01 min
Lab File: VX016219.D
Acq: 14 May 2020 10:25

Tgt Ion	Ratio	Lower	Upper
96	100		
61	168.6	124.8	187.2
98	65.5	49.7	74.5





#13

Acrolein

Concen: 190.520 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016219.D

Acq: 14 May 2020 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 110347

Ion Ratio Lower Upper

56 100

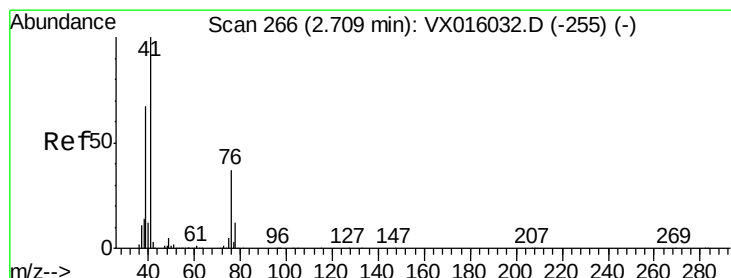
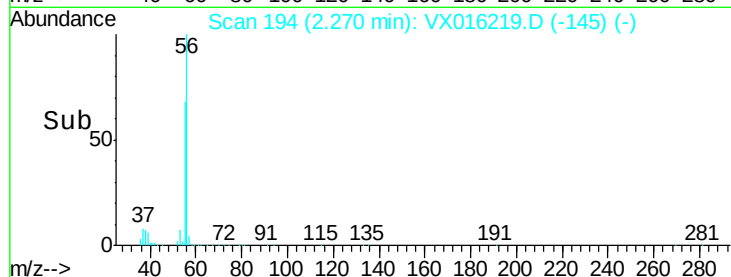
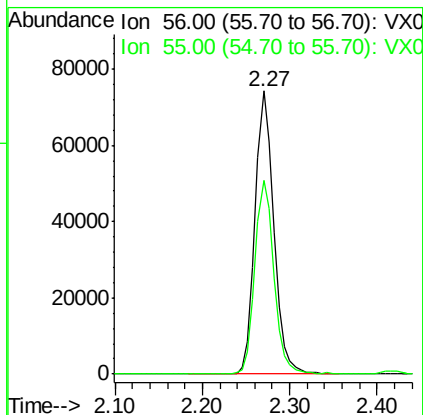
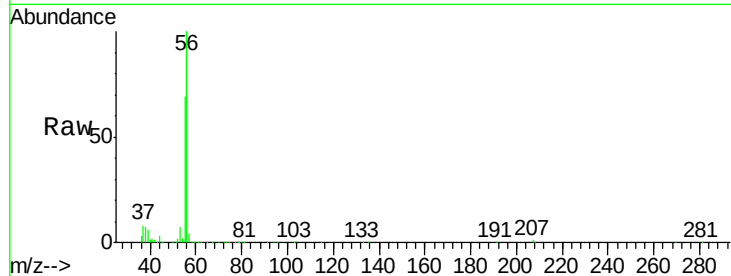
55 68.6 56.5 84.7

Manual Integrations

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#14

Allyl chloride

Concen: 44.243 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016219.D

Acq: 14 May 2020 10:25

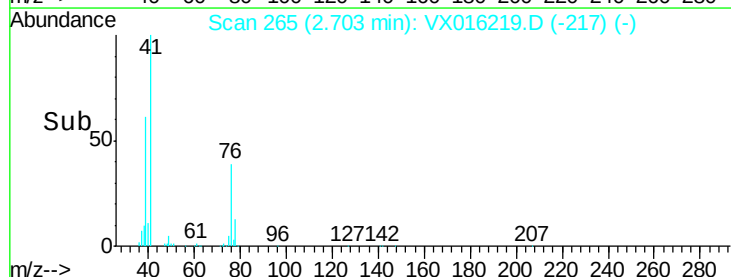
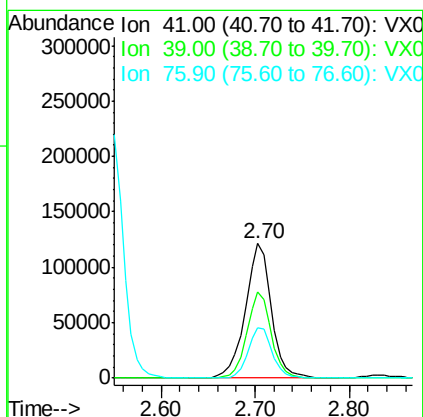
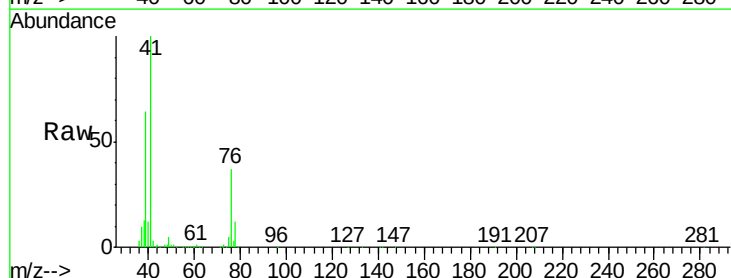
Tgt Ion: 41 Resp: 234558

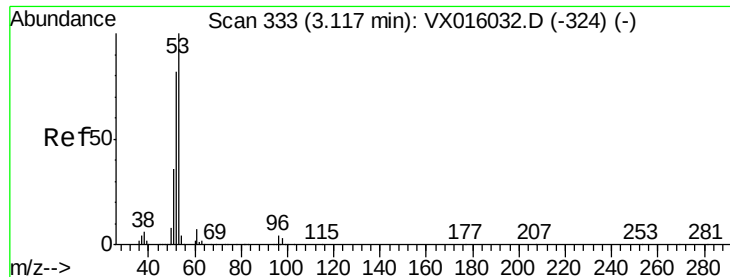
Ion Ratio Lower Upper

41 100

39 59.3 50.5 75.7

76 34.8 26.6 40.0





#15

Acrylonitrile

Concen: 220.754 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016219.D

Acq: 14 May 2020 10:25

Instrument :

MSVOA_X

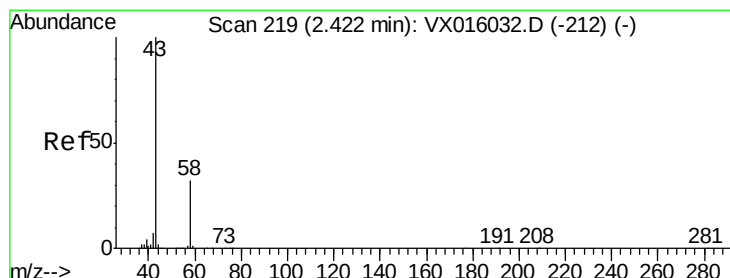
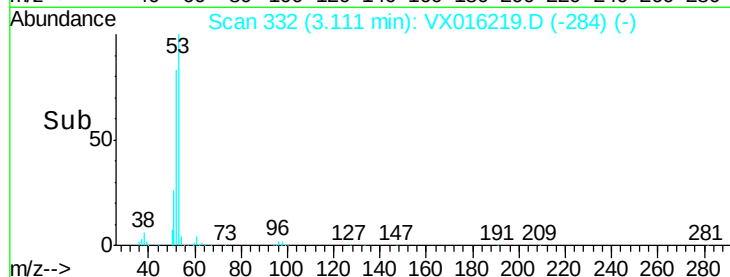
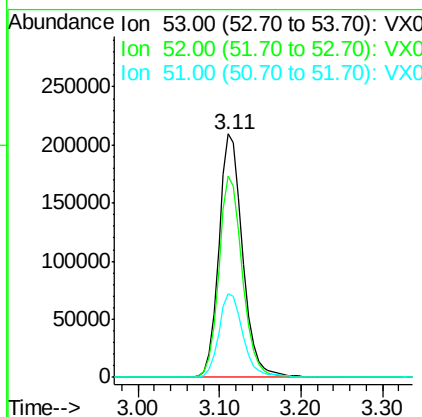
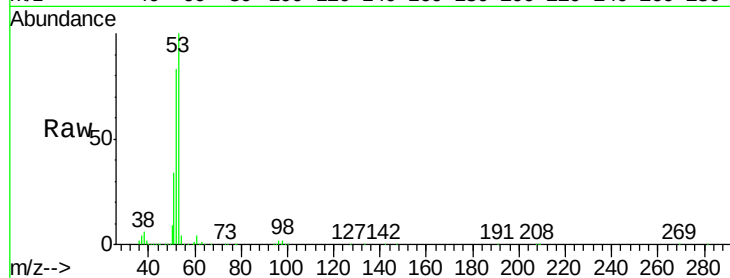
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	423870
Ion	Ratio	Lower	Upper
53	100		
52	81.8	66.1	99.1
51	35.2	28.8	43.2

Manual Integrations
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#16

Acetone

Concen: 201.787 ug/l

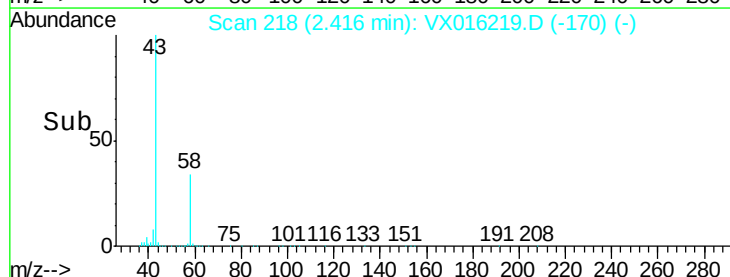
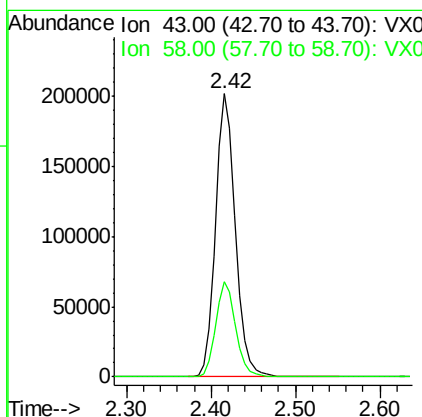
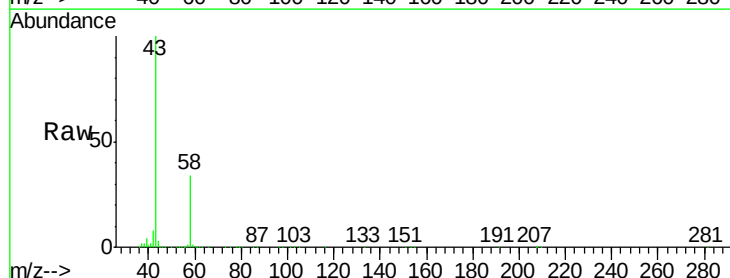
RT: 2.42 min Scan# 218

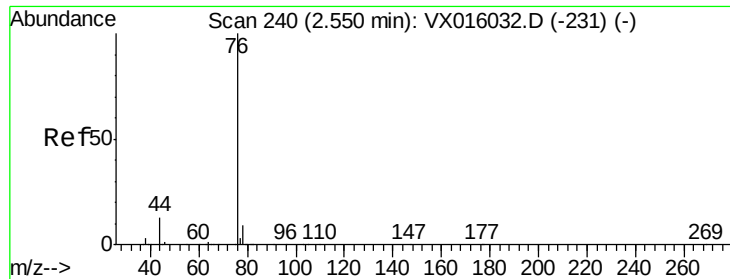
Delta R.T. -0.01 min

Lab File: VX016219.D

Acq: 14 May 2020 10:25

Tgt Ion:	43	Resp:	329548
Ion	Ratio	Lower	Upper
43	100		
58	33.7	25.4	38.0





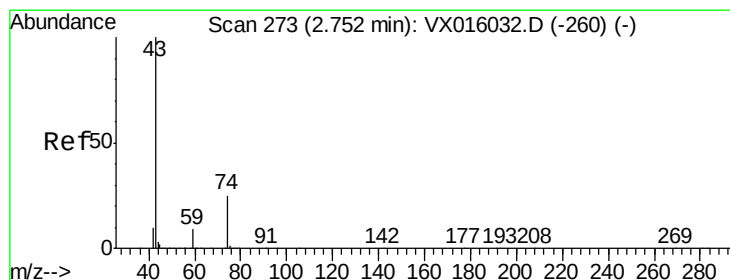
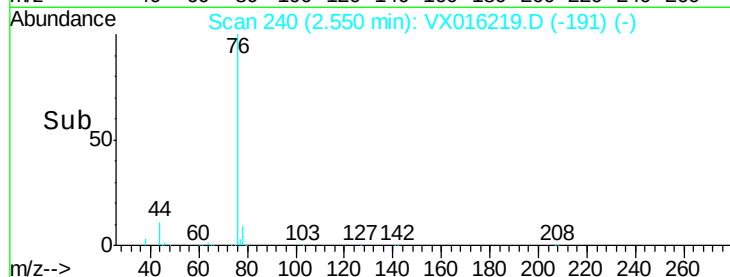
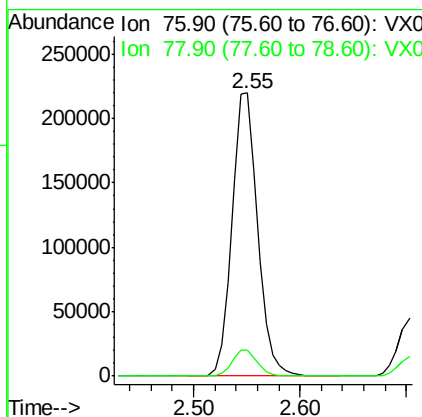
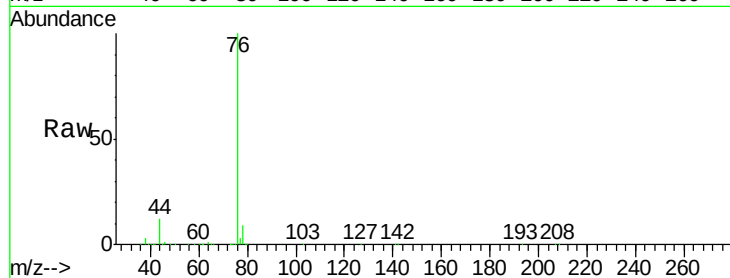
#17
Carbon Disulfide
Concen: 42.861 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016219.D
Acq: 14 May 2020 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.5	11.3

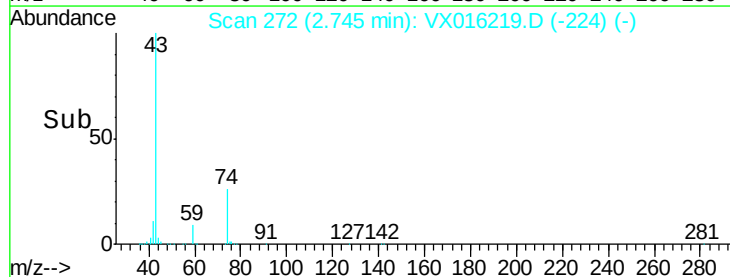
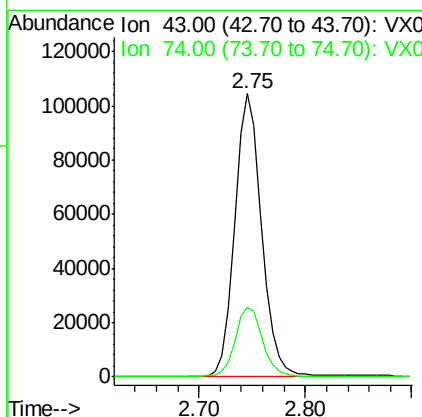
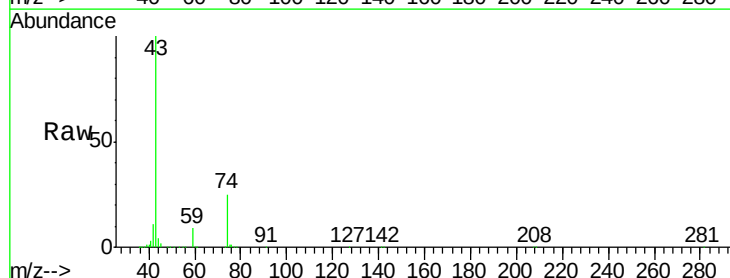
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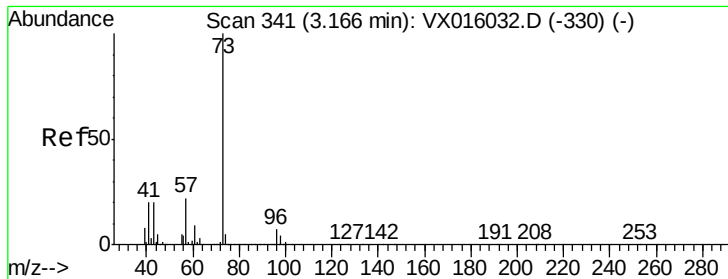
MMDadoda
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#18
Methyl Acetate
Concen: 45.835 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX016219.D
Acq: 14 May 2020 10:25

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.6	20.2	30.2





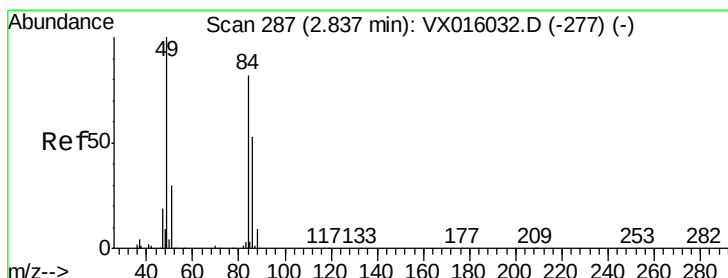
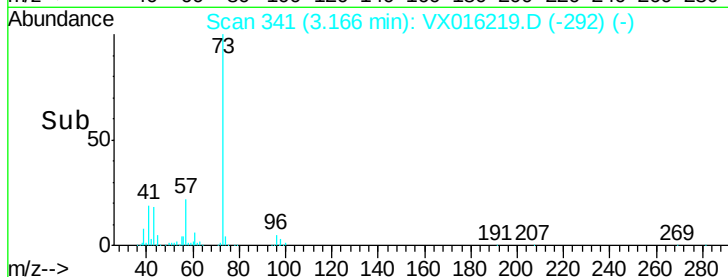
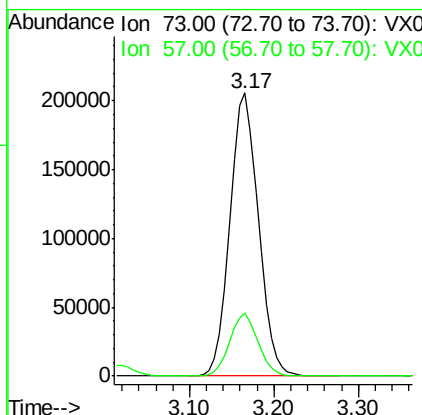
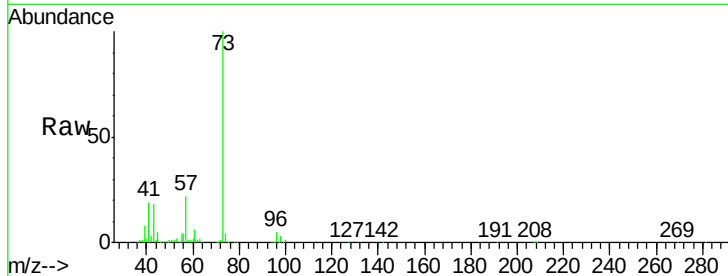
#19
Methyl tert-butyl Ether
Concen: 47.302 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016219.D
Acq: 14 May 2020 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.3	17.8	26.6

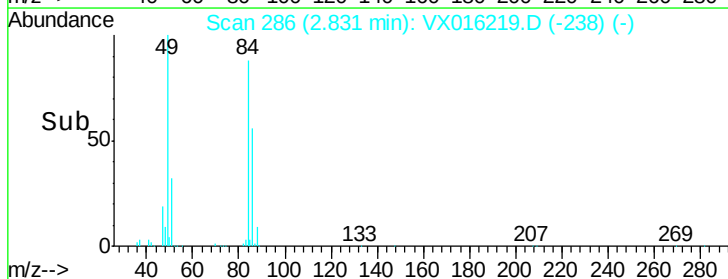
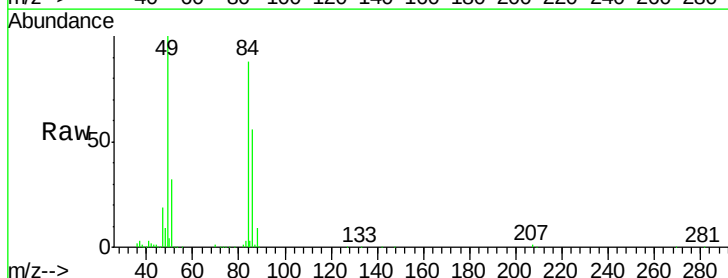
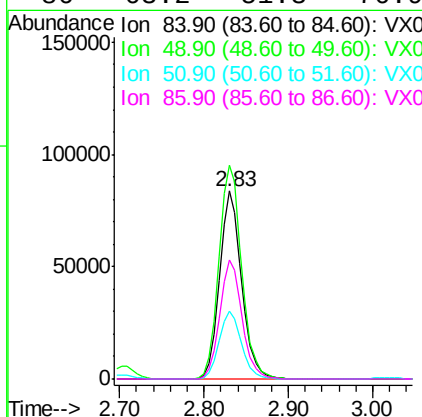
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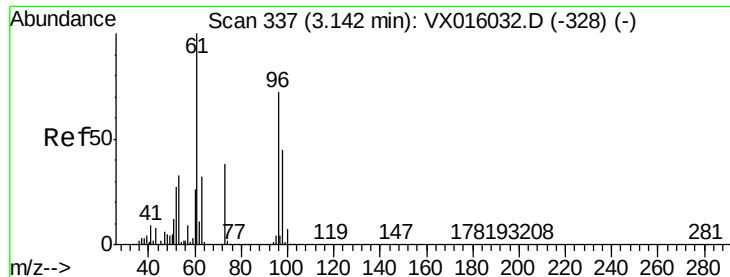
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#20
Methylene Chloride
Concen: 44.756 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016219.D
Acq: 14 May 2020 10:25

Tgt Ion	Ratio	Lower	Upper
84	100		
49	113.5	97.3	145.9
51	36.2	29.3	43.9
86	63.2	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 45.061 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016219.D

Acq: 14 May 2020 10:25

Instrument :

MSVOA_X

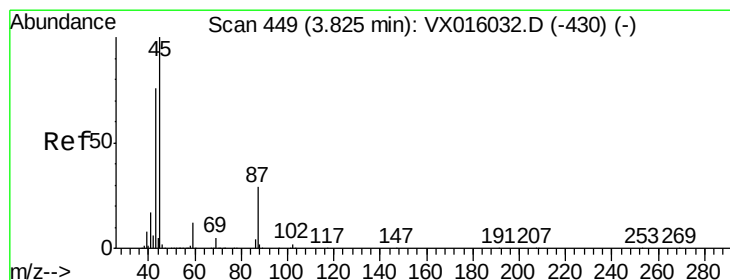
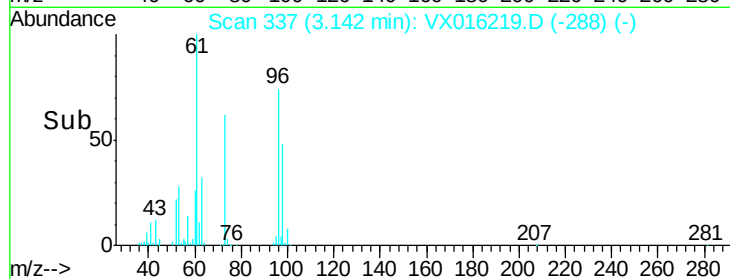
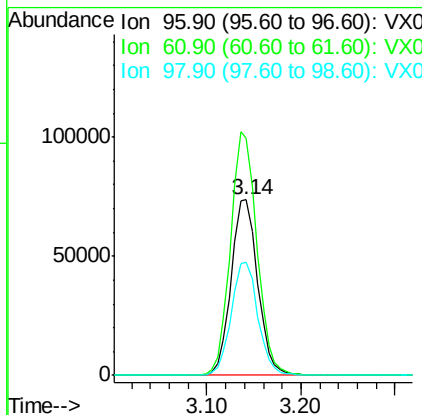
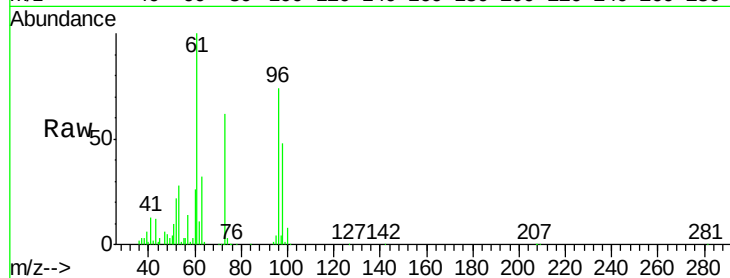
ClientSampled :

VSTDCCC050

Tot Ion:	96	Resp:	145193
Ion	Ratio	Lower	Upper
96	100		
61	135.4	111.2	166.8
98	64.6	50.2	75.4

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#22

Diisopropyl ether

Concen: 46.104 ug/l

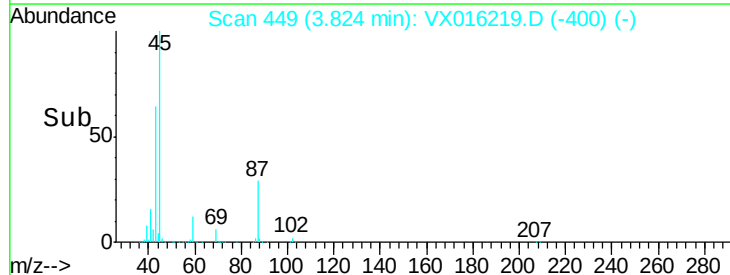
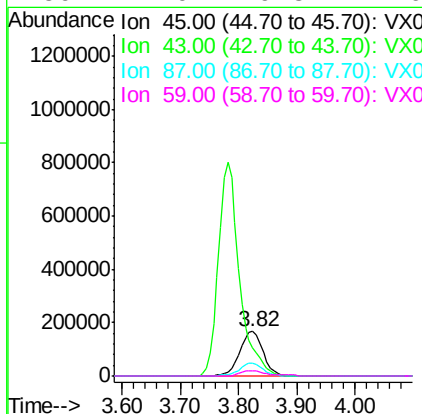
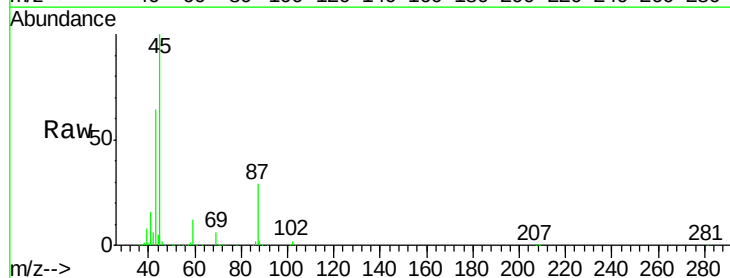
RT: 3.82 min Scan# 449

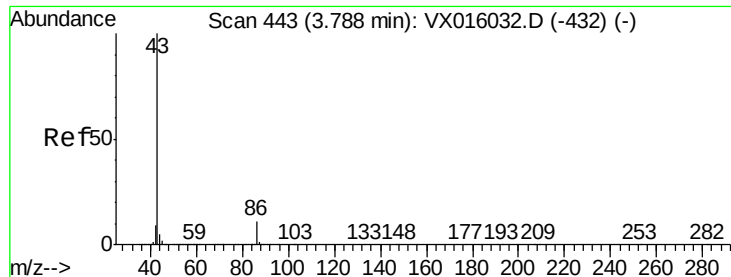
Delta R.T. -0.00 min

Lab File: VX016219.D

Acq: 14 May 2020 10:25

Tgt Ion:	45	Resp:	461115
Ion	Ratio	Lower	Upper
45	100		
43	63.5	61.1	91.7
87	29.4	23.0	34.6
59	12.0	9.8	14.6





#23

Vinyl Acetate

Concen: 228.660 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016219.D

Acq: 14 May 2020 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2012061

Ion Ratio Lower Upper

43 100

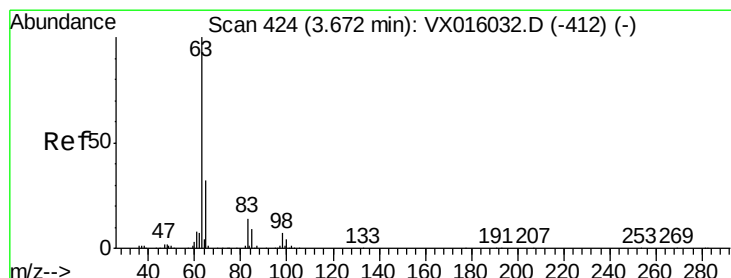
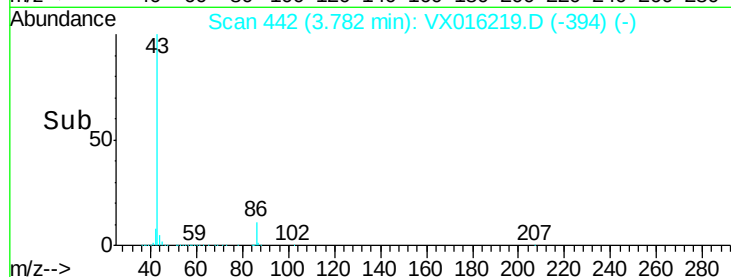
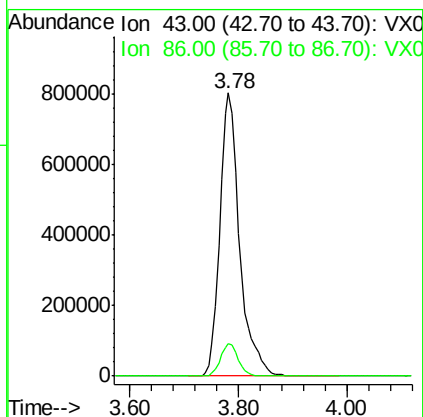
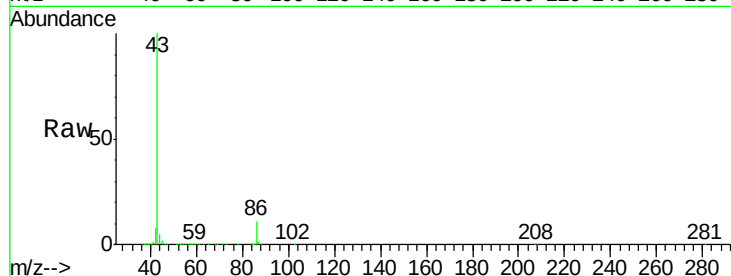
86 11.4 9.0 13.4

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 47.337 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016219.D

Acq: 14 May 2020 10:25

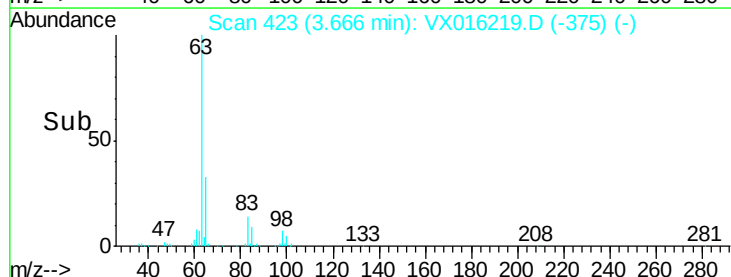
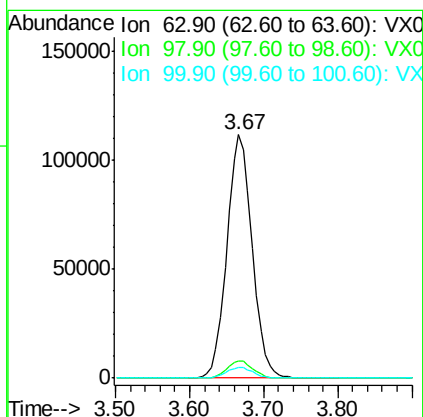
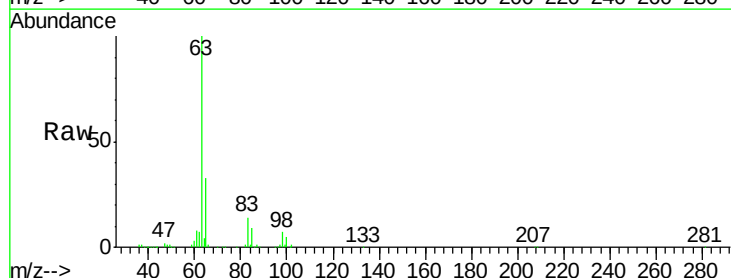
Tgt Ion: 63 Resp: 264849

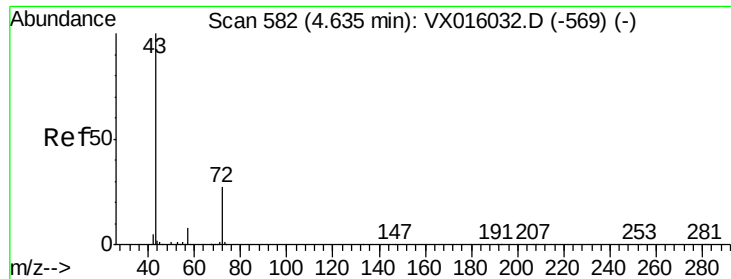
Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.5

100 4.6 2.1 6.5





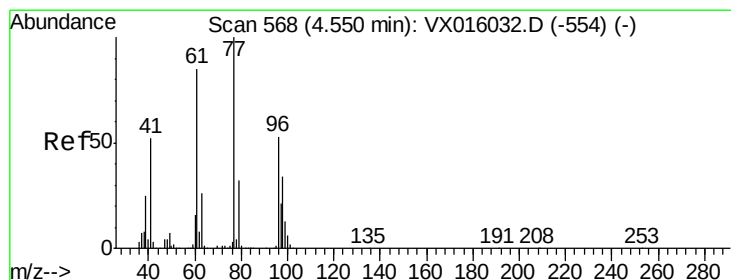
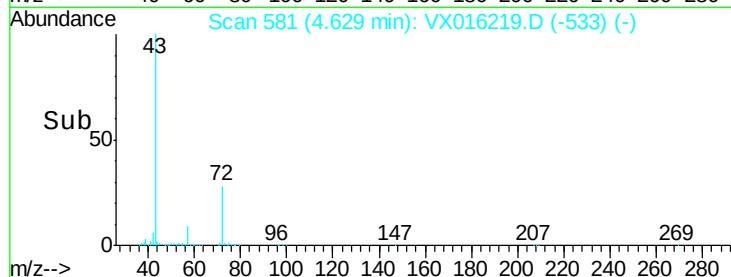
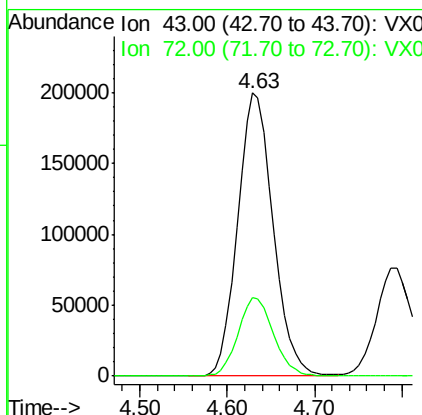
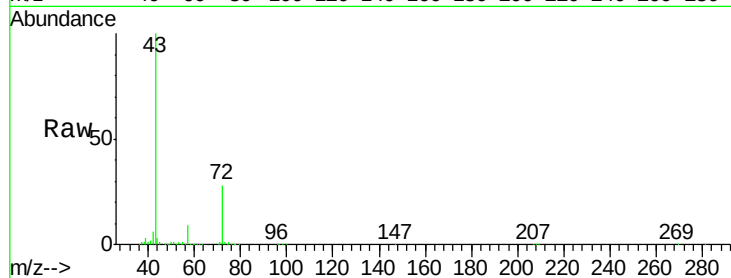
#25
2-Butanone
Concen: 212.629 ug/l
RT: 4.63 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX016219.D
Acq: 14 May 2020 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 559567
Ion Ratio Lower Upper
43 100
72 27.7 21.8 32.8

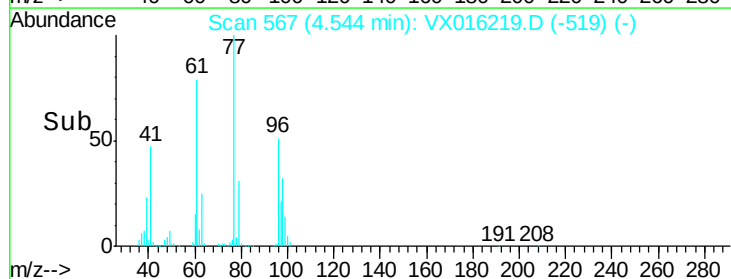
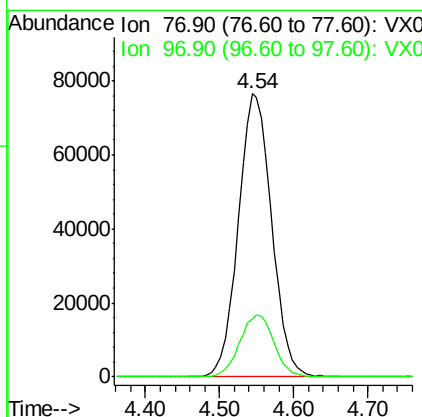
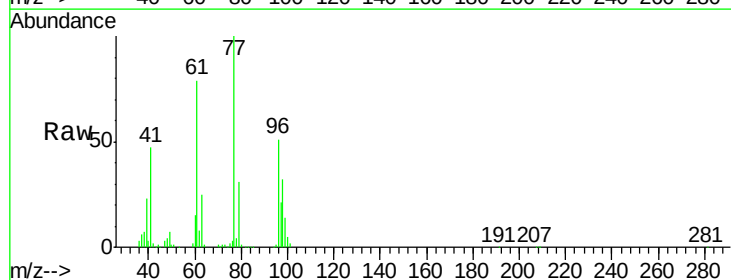
Manual Integrations
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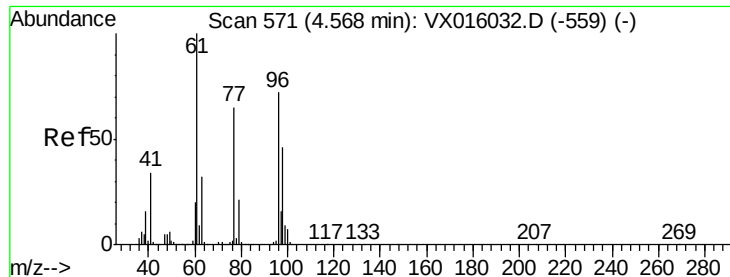
MMDadoda
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#26
2,2-Dichloropropane
Concen: 46.958 ug/l
RT: 4.54 min Scan# 567
Delta R.T. -0.01 min
Lab File: VX016219.D
Acq: 14 May 2020 10:25

Tgt Ion: 77 Resp: 239937
Ion Ratio Lower Upper
77 100
97 22.6 11.2 33.6





#27

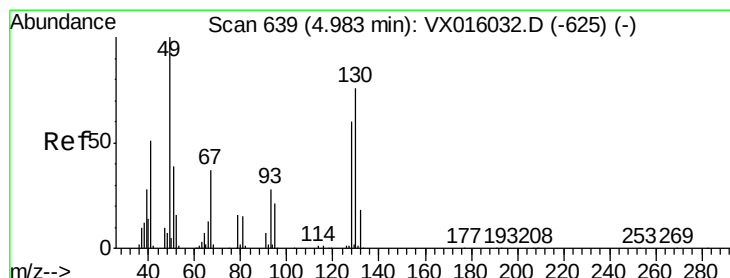
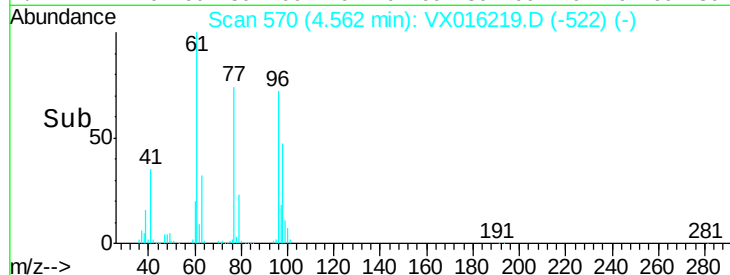
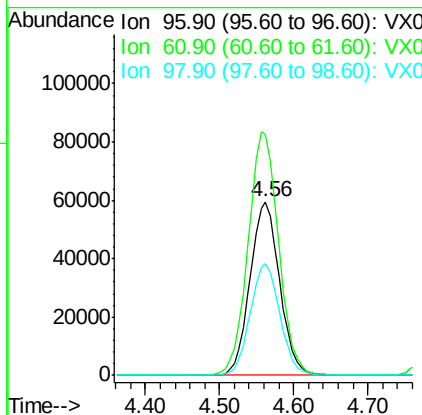
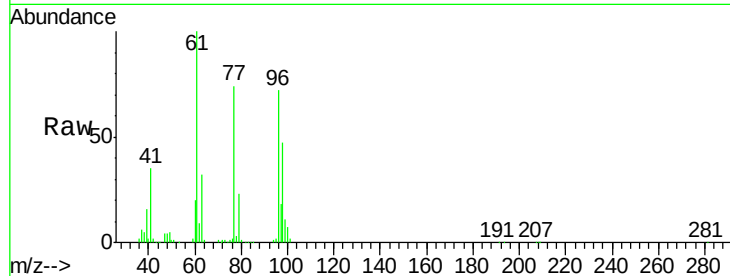
cis-1,2-Dichloroethene
Concen: 47.144 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016219.D
Acq: 14 May 2020 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	166067		
61	144.4	0.0	296.2	
98	64.6	0.0	129.4	

Manual Integrations
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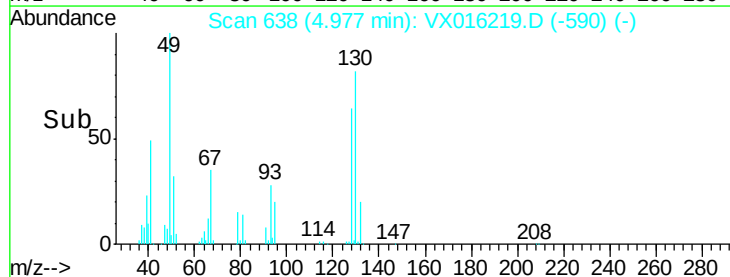
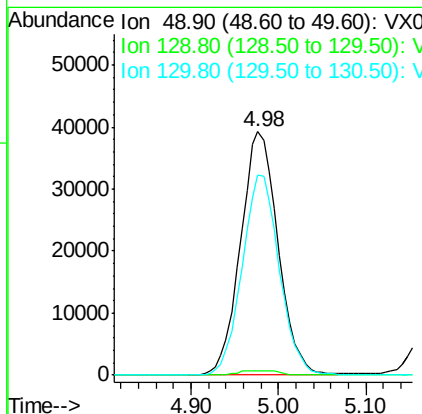
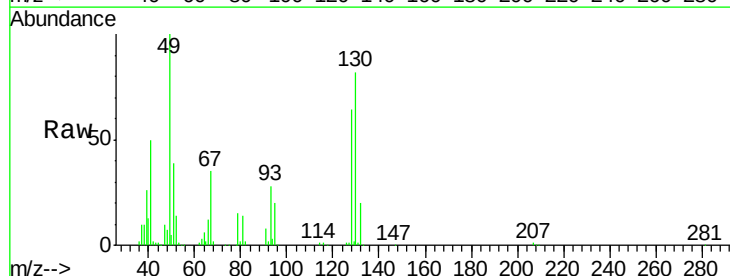
MMDadoda
5/15/2020 12:28:54 PM

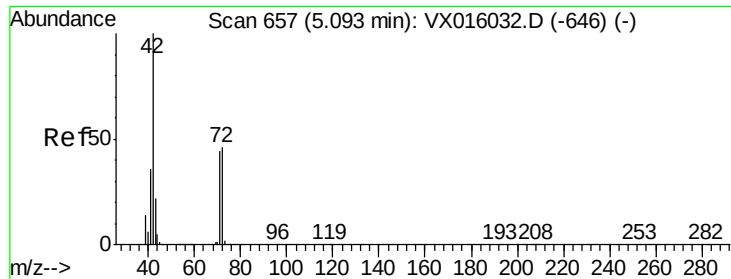


#28

Bromochloromethane
Concen: 45.821 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX016219.D
Acq: 14 May 2020 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	116900		
129	2.1	0.0	4.0	
130	81.5	62.4	93.6	





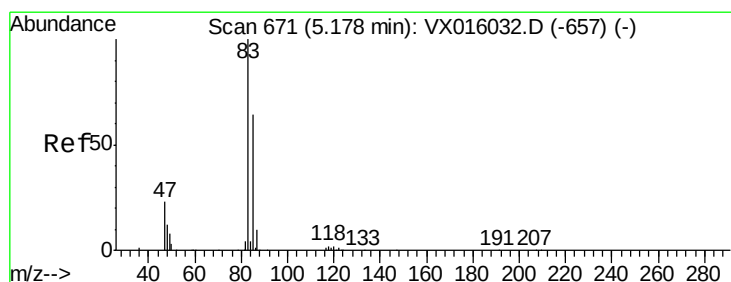
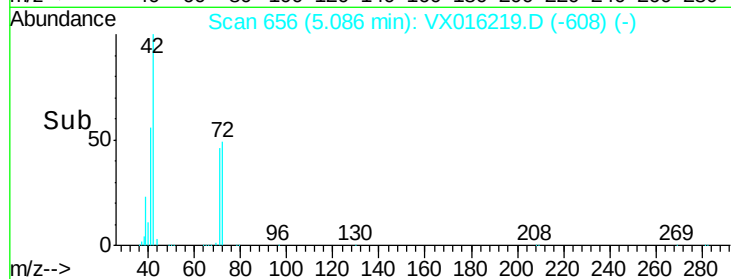
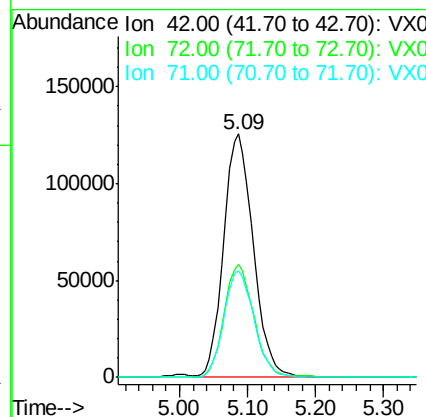
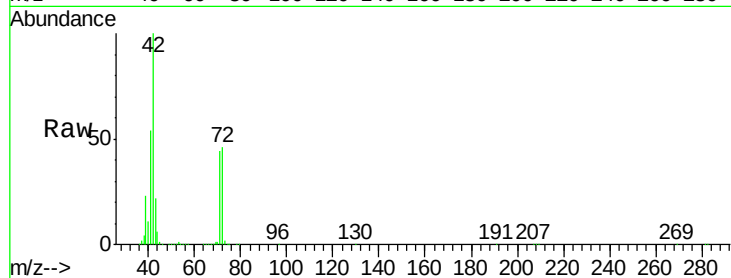
#29
Tetrahydrofuran
Concen: 217.426 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX016219.D
Acq: 14 May 2020 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	42	Resp:	379135
Ion Ratio		Lower	Upper
42	100		
72	47.0	37.1	55.7
71	44.4	34.5	51.7

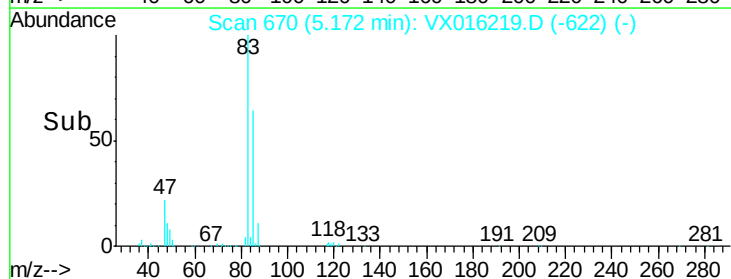
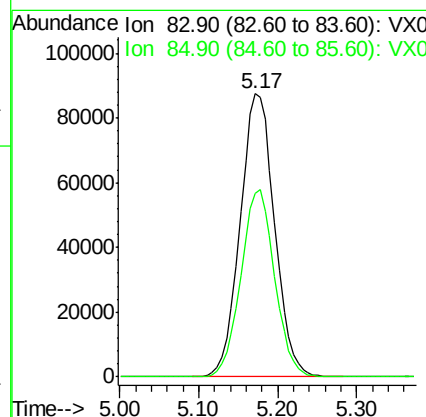
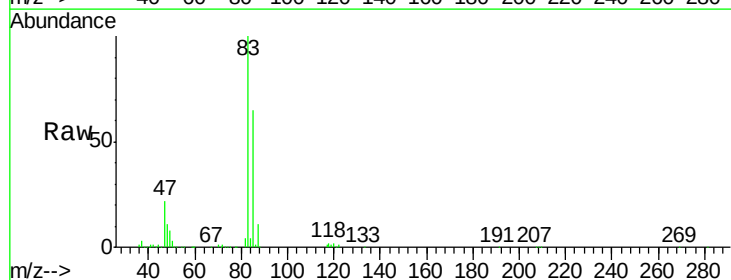
Manual Integrations
APPROVED

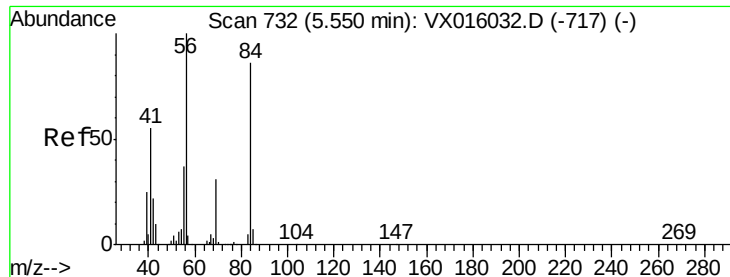
MMDadoda
5/15/2020 12:28:54 PM



#30
Chloroform
Concen: 47.563 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX016219.D
Acq: 14 May 2020 10:25

Tgt Ion:	83	Resp:	264957
Ion Ratio		Lower	Upper
83	100		
85	64.6	51.6	77.4





#31

Cyclohexane

Concen: 46.551 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX016219.D

Acq: 14 May 2020 10:25

Instrument :

MSVOA_X

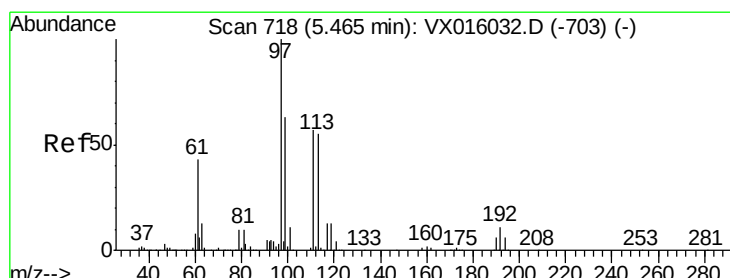
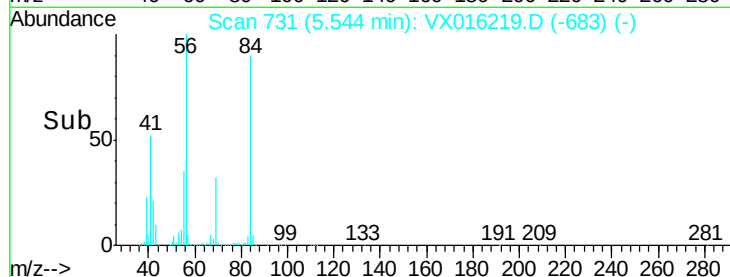
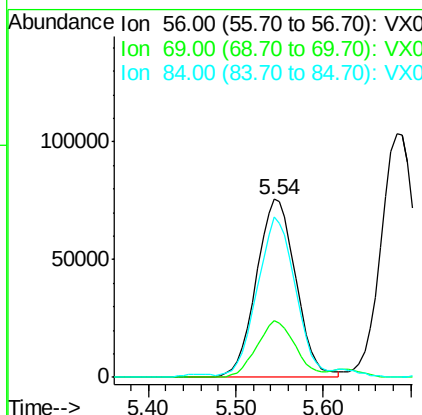
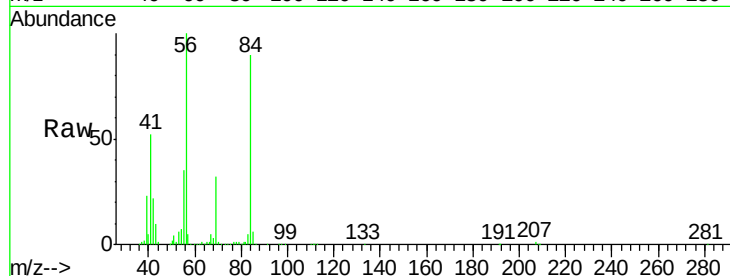
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	236700
Ion Ratio	Lower	Upper	
56	100		
69	31.7	25.0	37.6
84	88.6	69.0	103.6

Manual Integrations
APPROVED

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#32

1,1,1-Trichloroethane

Concen: 47.044 ug/l

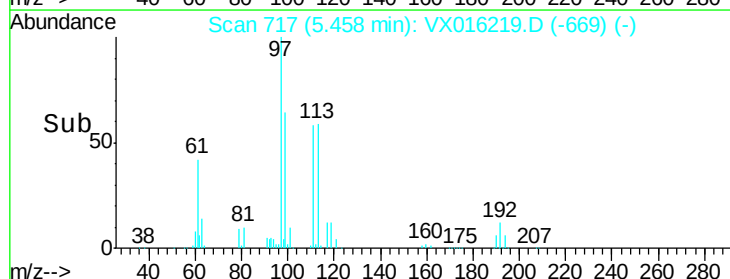
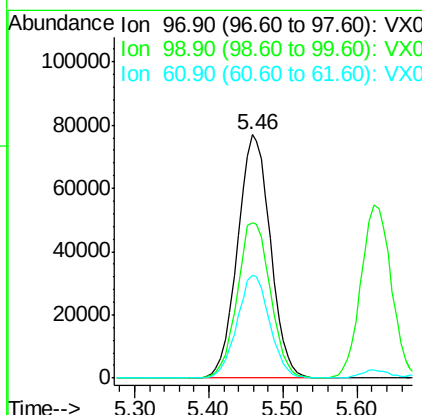
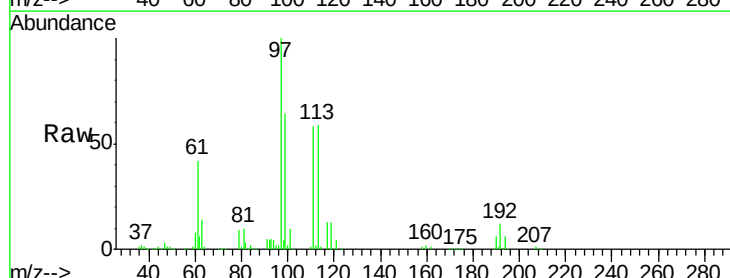
RT: 5.46 min Scan# 717

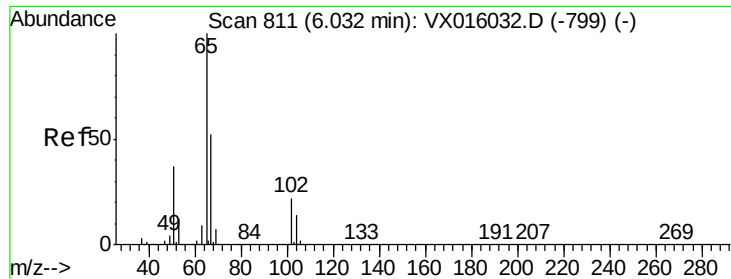
Delta R.T. -0.01 min

Lab File: VX016219.D

Acq: 14 May 2020 10:25

Tgt Ion:	97	Resp:	238213
Ion Ratio	Lower	Upper	
97	100		
99	64.9	51.0	76.4
61	42.1	34.5	51.7





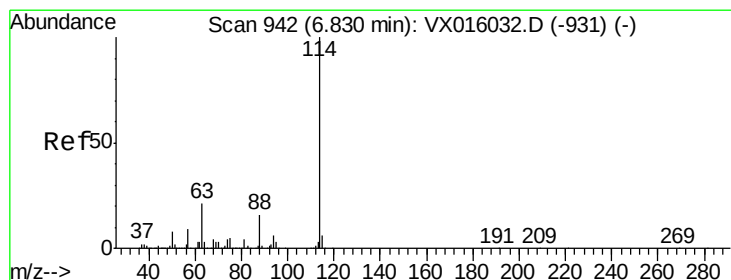
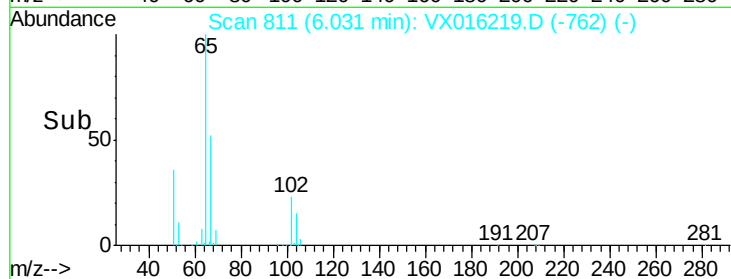
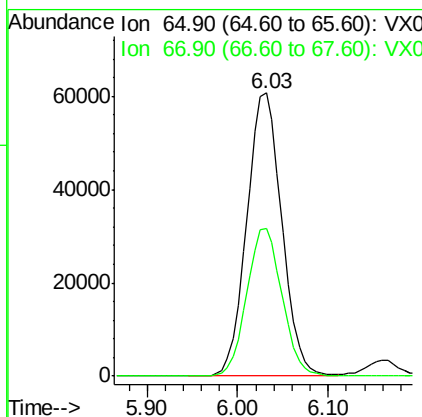
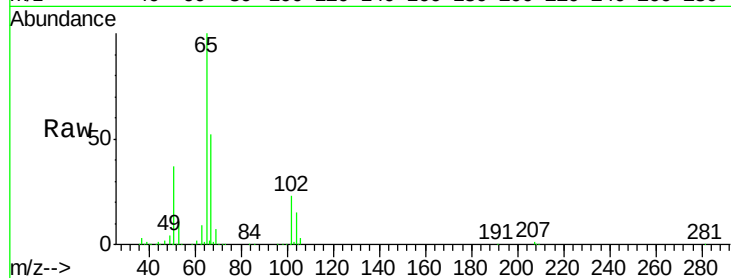
#33
 1,2-Dichloroethane-d4
 Concen: 44.251 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016219.D
 Acq: 14 May 2020 10:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	161966		
67	52.5	0.0	104.8	

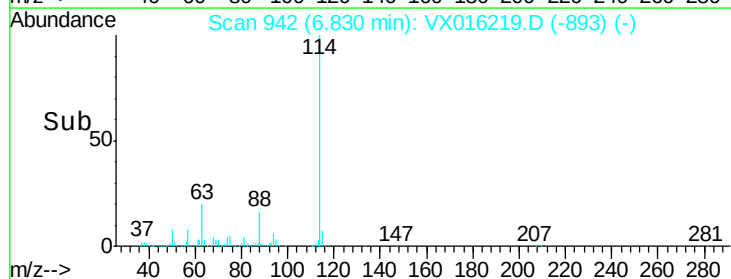
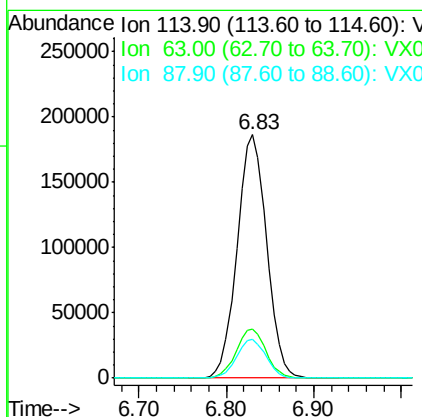
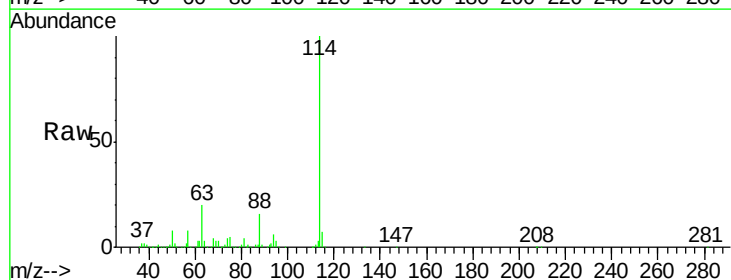
Manual Integrations
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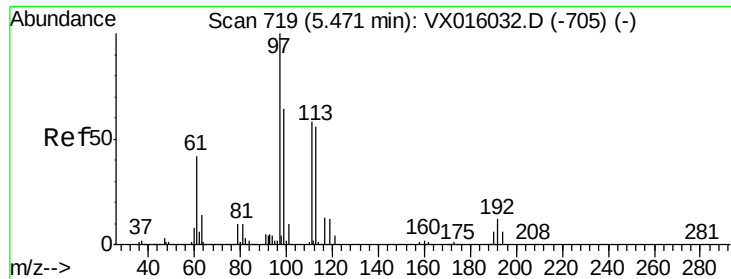
MMDadoda
 5/15/2020 12:28:54 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016219.D
 Acq: 14 May 2020 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	437484		
63	20.0	0.0	42.8	
88	16.1	0.0	31.4	





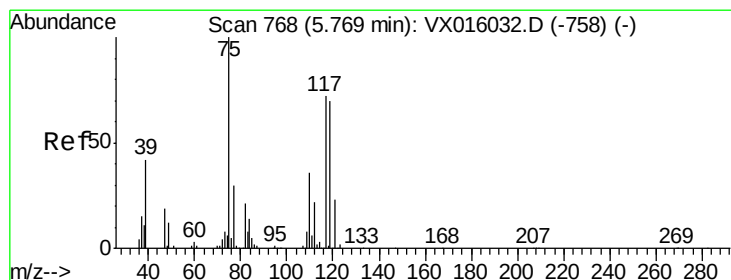
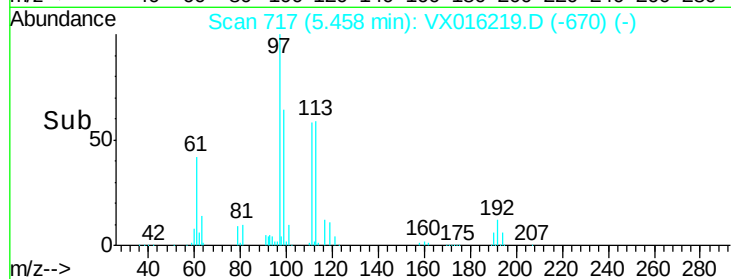
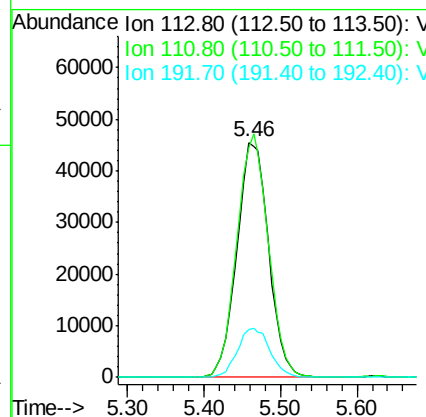
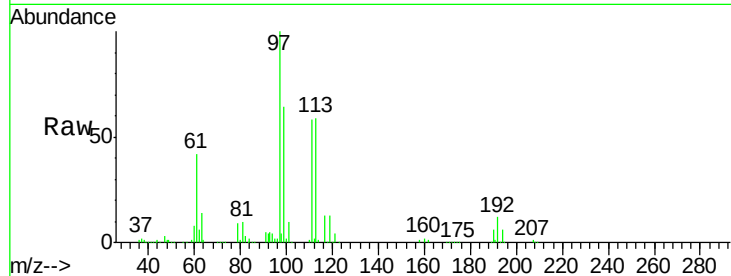
#35
Dibromofluoromethane
Concen: 47.343 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX016219.D
Acq: 14 May 2020 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	131217		
111	102.6	81.6	122.4	
192	21.2	17.0	25.4	

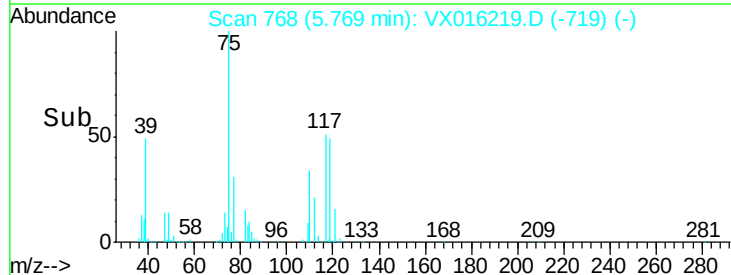
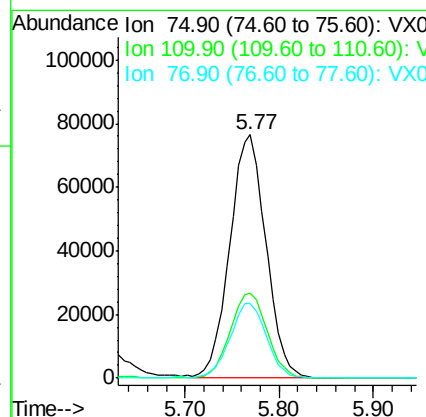
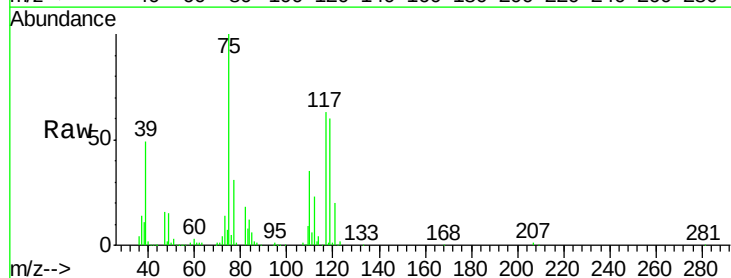
Manual Integrations
APPROVED

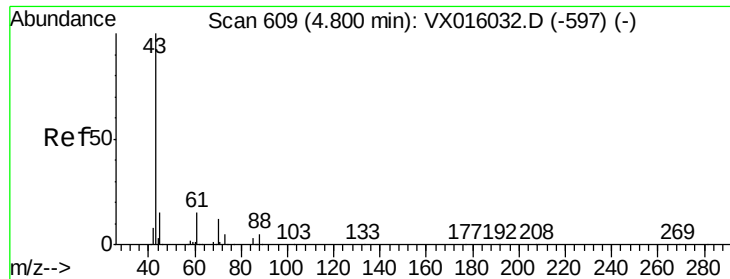
MMDadoda
5/15/2020 12:28:54 PM



#36
1,1-Dichloropropene
Concen: 47.272 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX016219.D
Acq: 14 May 2020 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	203572		
110	35.7	18.1	54.1	
77	31.2	25.0	37.6	





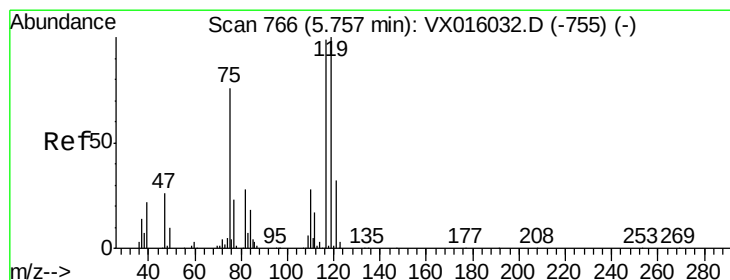
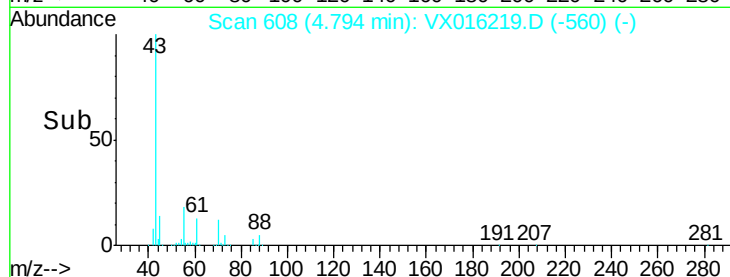
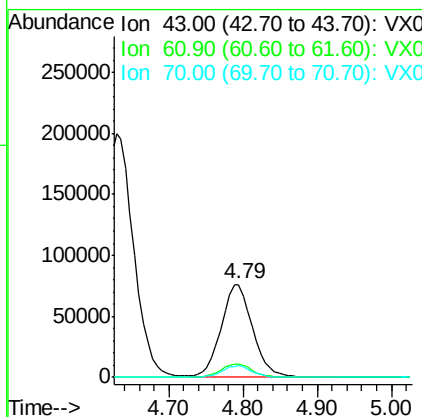
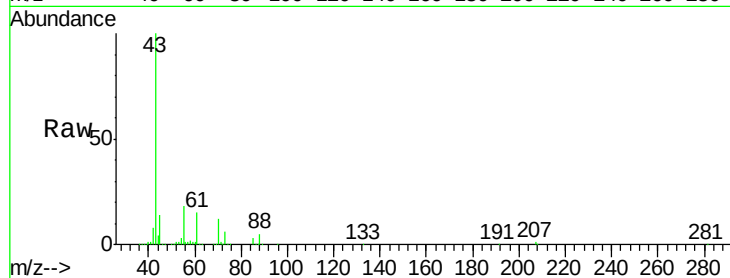
#37
Ethyl Acetate
Concen: 44.553 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX016219.D
Acq: 14 May 2020 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	222375
Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.7	17.5
70	12.2	9.3	13.9

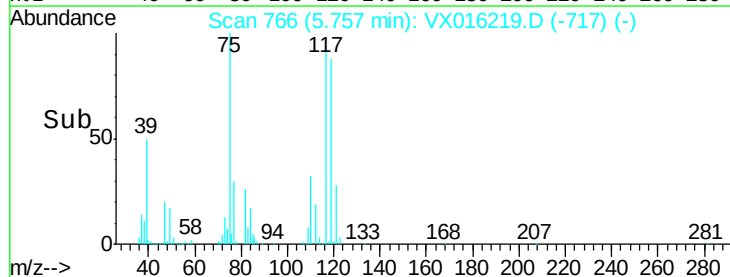
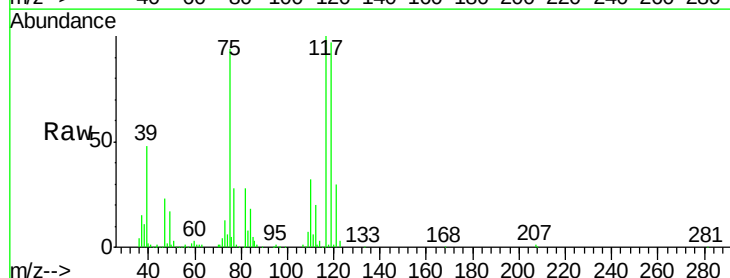
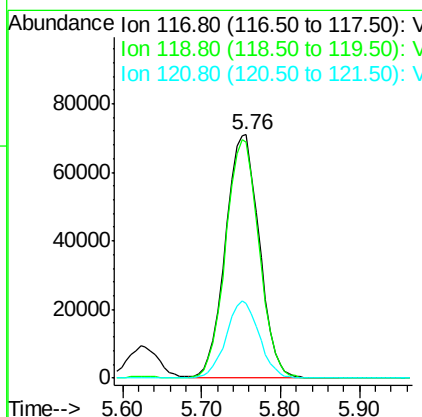
Manual Integrations
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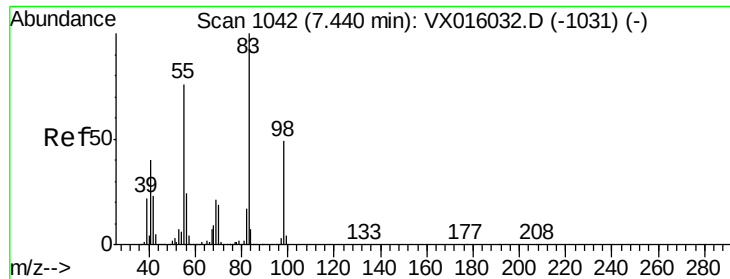
MMDadoda
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#38
Carbon Tetrachloride
Concen: 48.494 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016219.D
Acq: 14 May 2020 10:25

Tgt Ion	117	Resp	212268
Ion	Ratio	Lower	Upper
117	100		
119	97.0	80.3	120.5
121	30.5	25.7	38.5





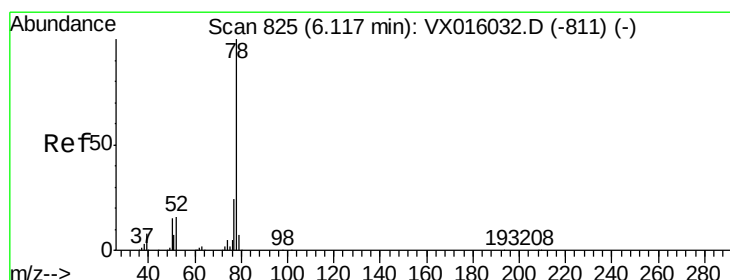
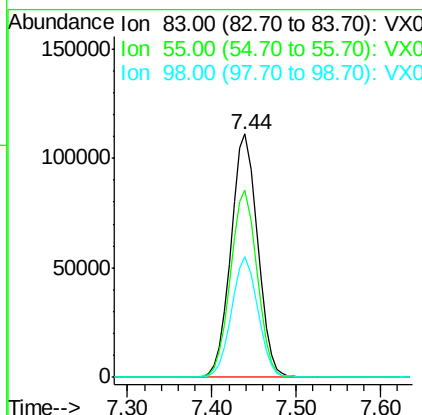
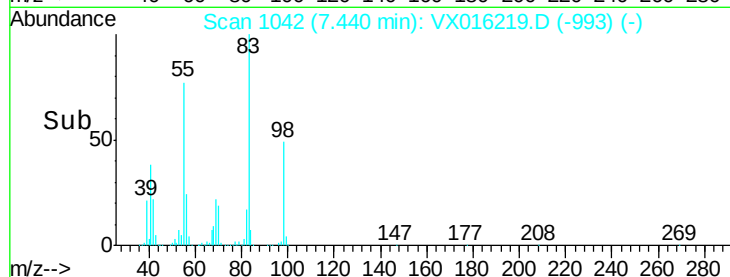
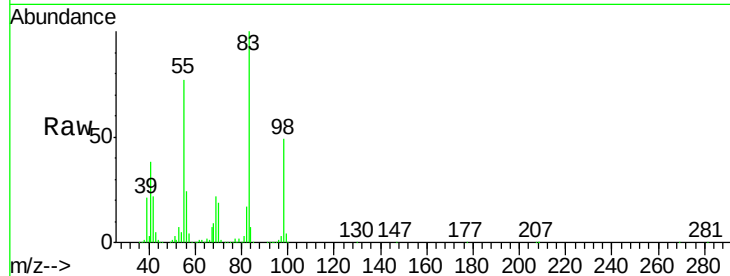
#39
Methylvlcyclohexane
Concen: 45.662 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016219.D
Acq: 14 May 2020 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.8	61.1	91.7
98	49.4	39.0	58.4

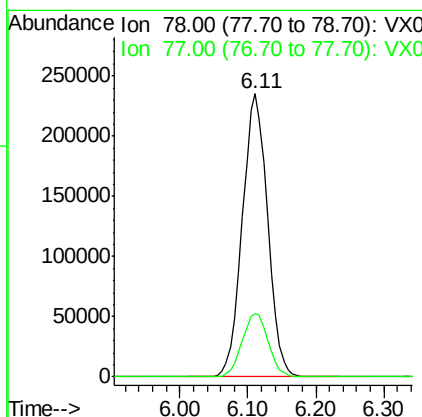
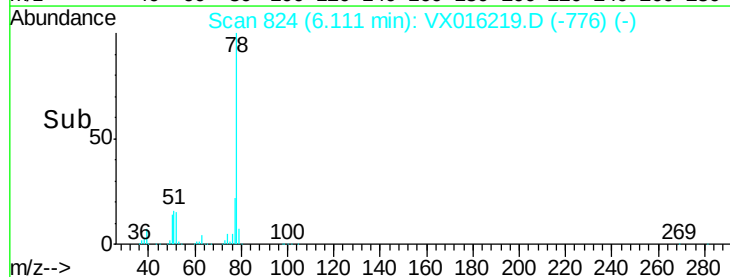
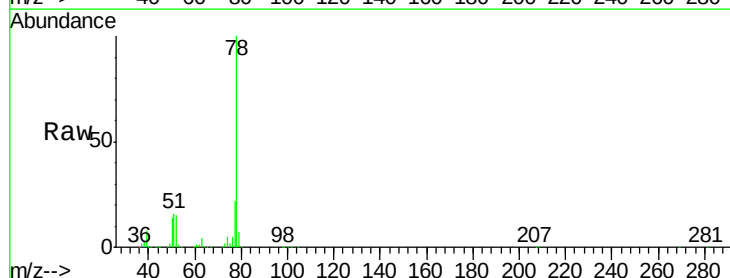
Manual Integrations
APPROVED

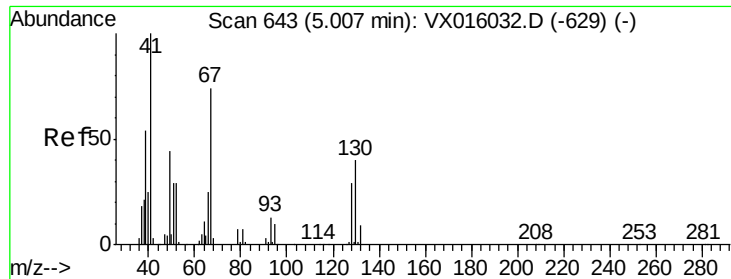
MMDadoda
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#40
Benzene
Concen: 48.150 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016219.D
Acq: 14 May 2020 10:25

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.4	19.0	28.4





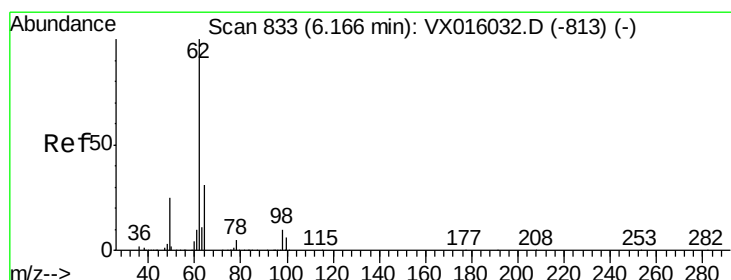
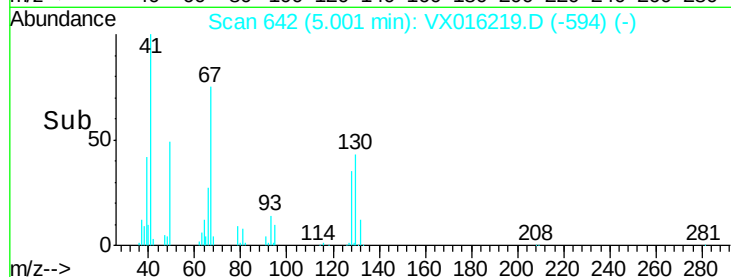
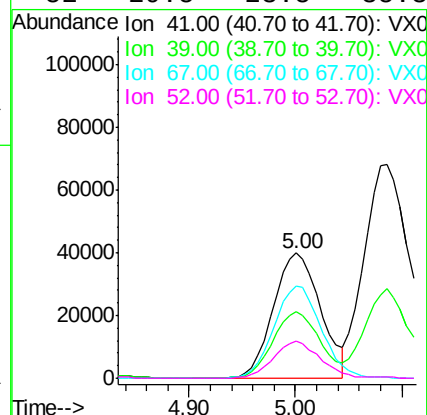
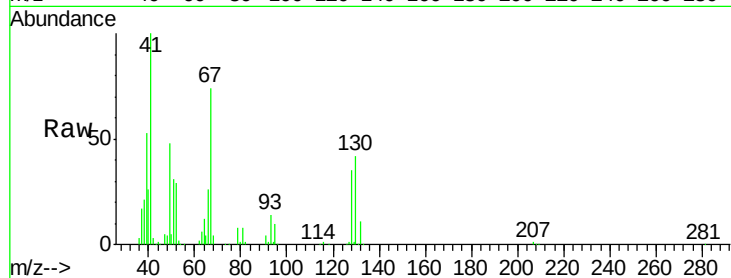
#41
Methacrylonitrile
Concen: 45.389 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX016219.D
Acq: 14 May 2020 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		122346		
39	53.4	43.2	64.8		
67	74.2	59.3	88.9		
52	29.5	23.5	35.3		

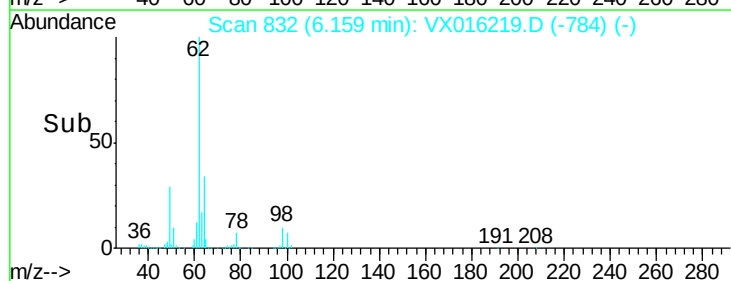
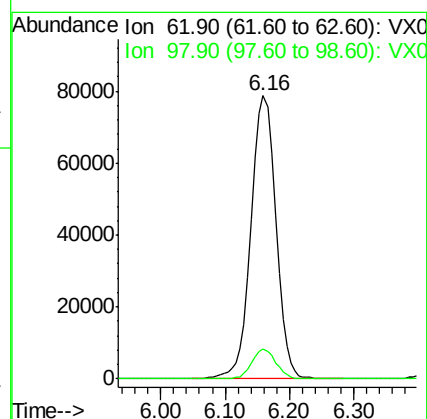
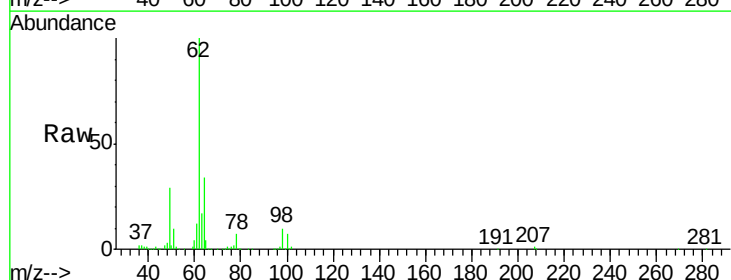
Manual Integrations
APPROVED

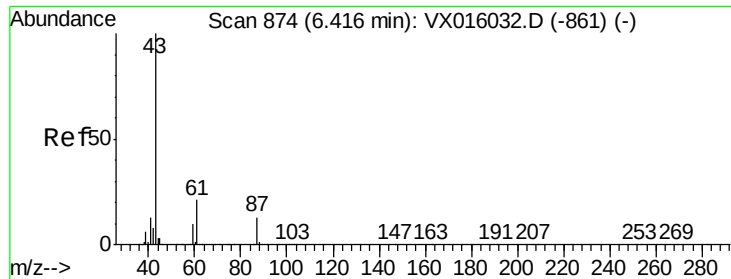
MMDadoda
5/15/2020 12:28:54 PM



#42
1,2-Dichloroethane
Concen: 46.200 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016219.D
Acq: 14 May 2020 10:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		209704		
98	10.0	0.0	19.4		





#43

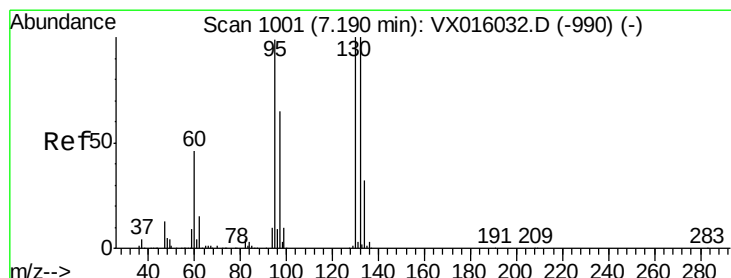
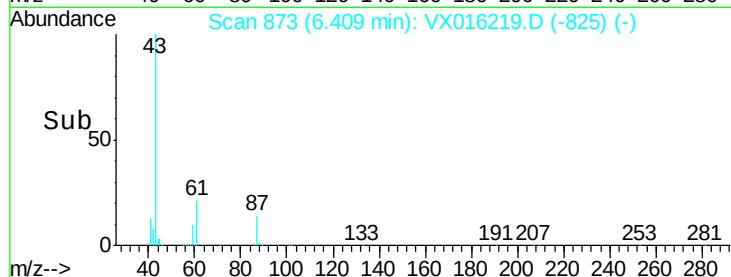
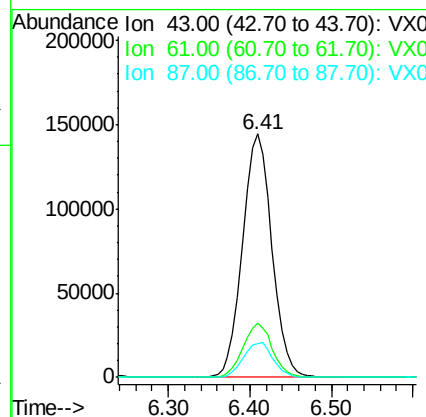
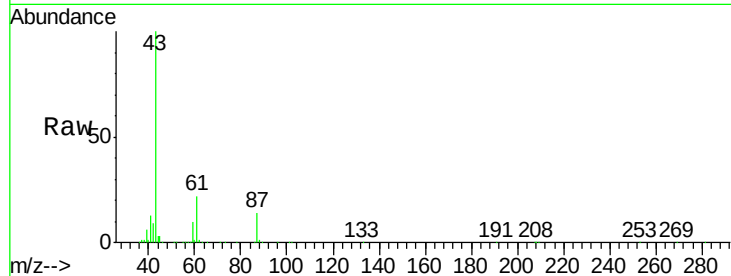
Isopropyl Acetate
 Concen: 45.069 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX016219.D
 Acq: 14 May 2020 10:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	43	Resp	358920
Ion Ratio	Lower	Upper	
43	100		
61	22.1	17.0	25.4
87	14.5	11.0	16.6

Manual Integrations
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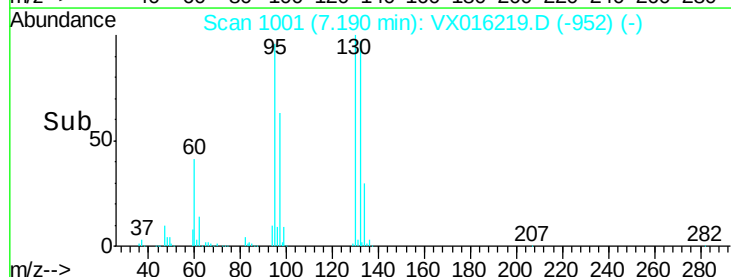
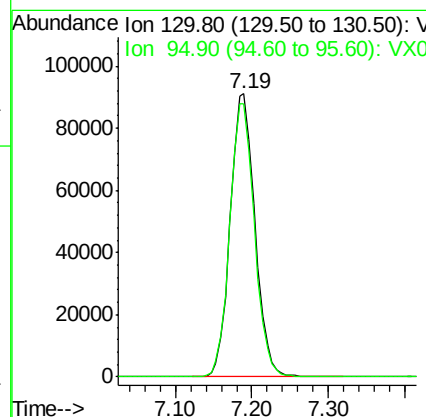
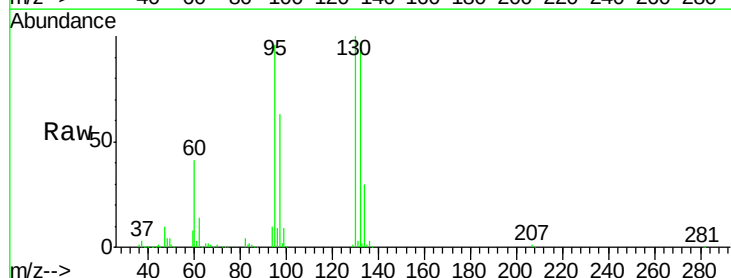
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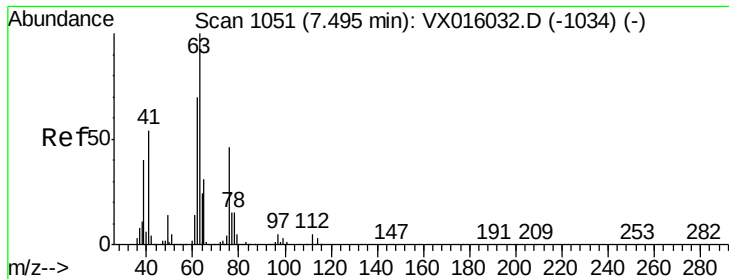


#44

Trichloroethene
 Concen: 45.423 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016219.D
 Acq: 14 May 2020 10:25

Tgt Ion	130	Resp	203332
Ion Ratio	Lower	Upper	
130	100		
95	96.4	0.0	197.4





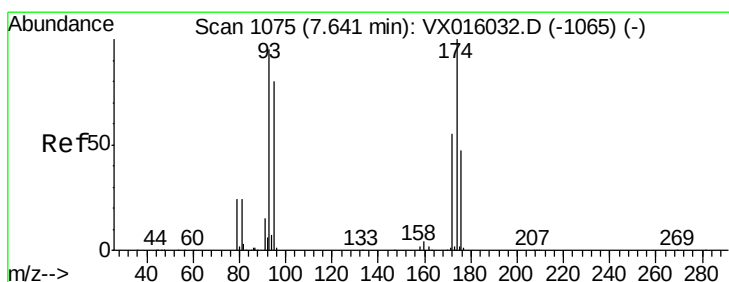
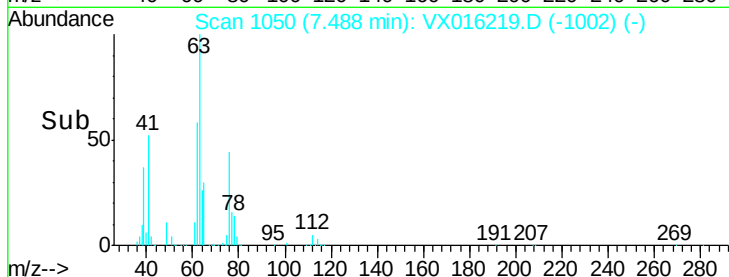
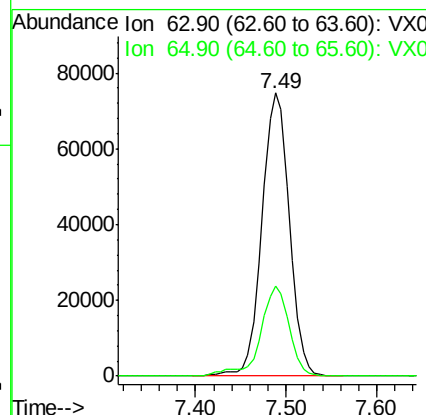
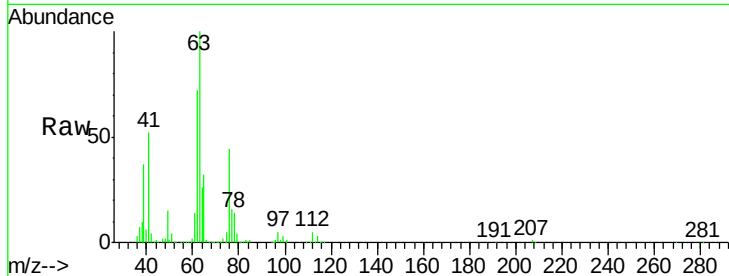
#45
 1,2-Dichloropropane
 Concen: 49.024 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VX016219.D
 Acq: 14 May 2020 10:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.9	24.4	36.6

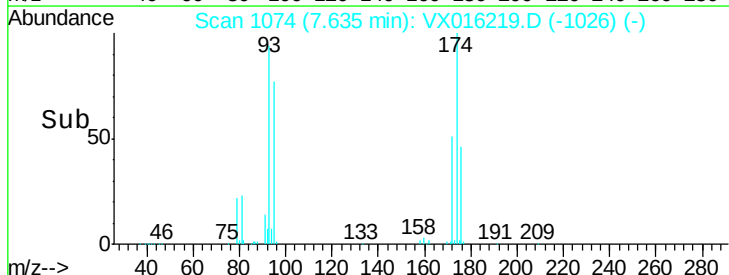
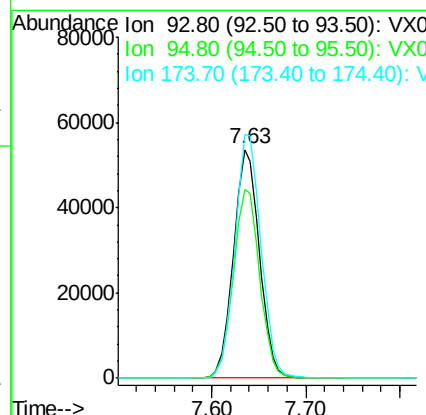
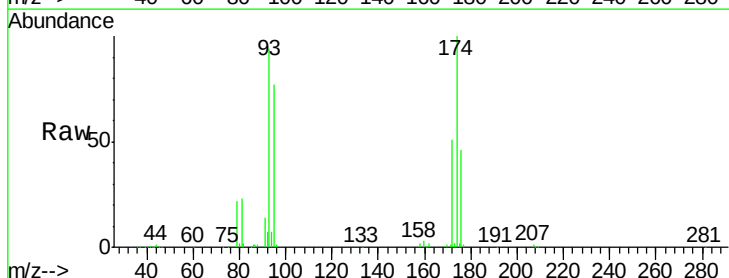
Manual Integrations
 APPROVED

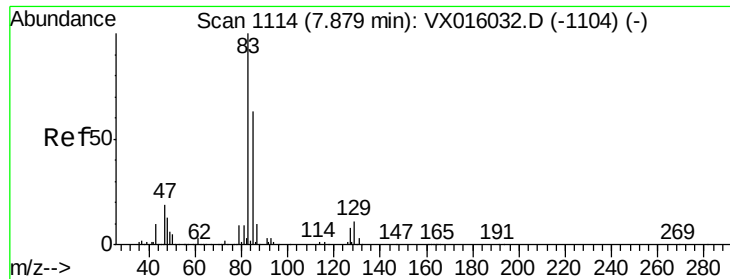
MMDadoda
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#46
 Dibromomethane
 Concen: 47.409 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX016219.D
 Acq: 14 May 2020 10:25

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.7	66.6	100.0
174	107.5	84.2	126.4





#47

Bromodichloromethane

Concen: 49.101 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016219.D

Acq: 14 May 2020 10:25

Instrument :

MSVOA_X

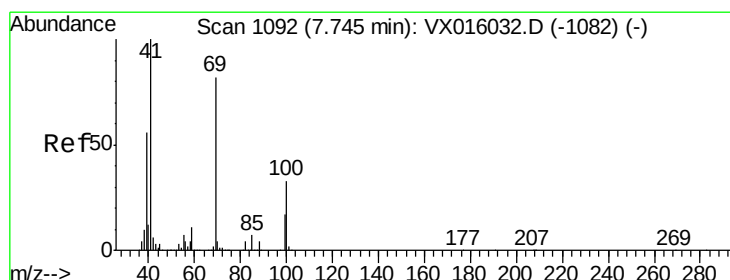
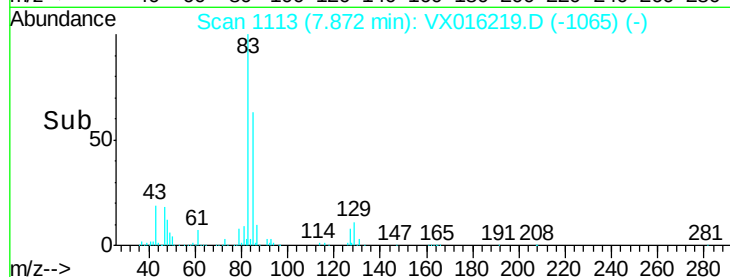
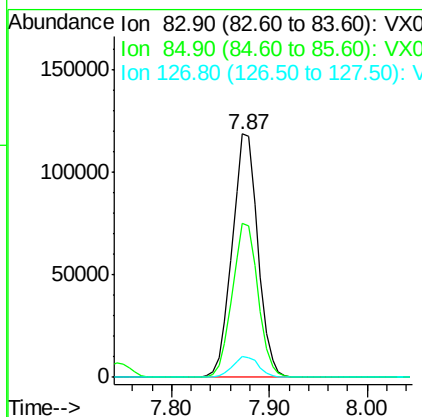
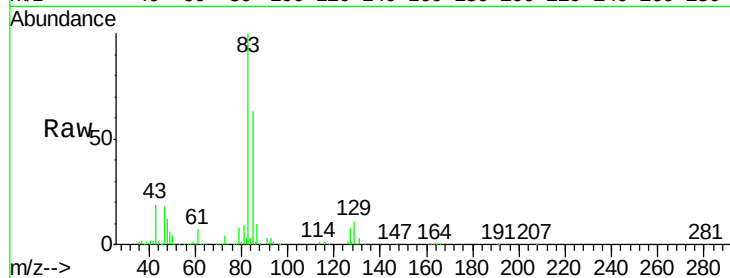
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	216672
Ion Ratio	Lower	Upper	
83	100		
85	63.1	50.5	75.7
127	8.4	6.7	10.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 45.304 ug/l

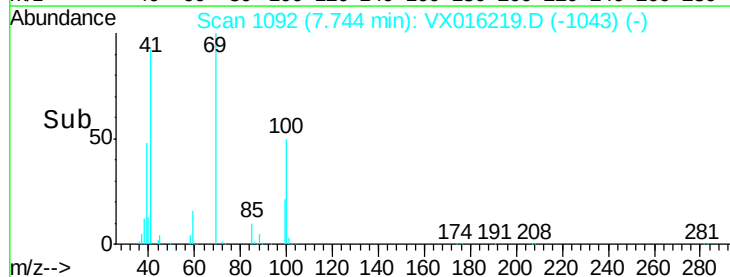
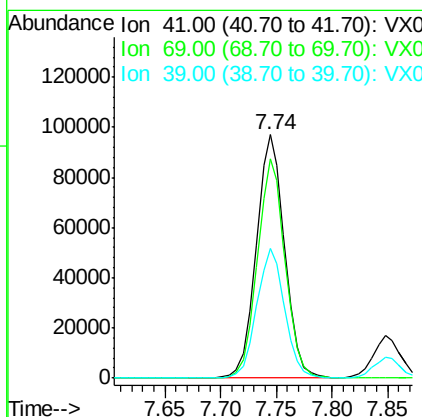
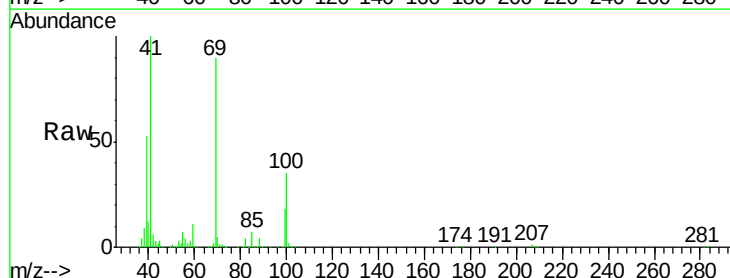
RT: 7.74 min Scan# 1092

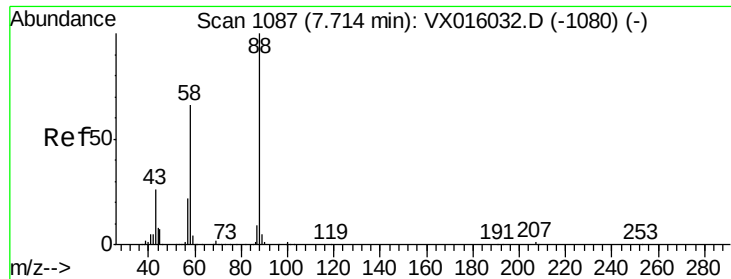
Delta R.T. -0.00 min

Lab File: VX016219.D

Acq: 14 May 2020 10:25

Tgt Ion:	41	Resp:	170957
Ion Ratio	Lower	Upper	
41	100		
69	88.7	67.8	101.6
39	52.8	44.6	67.0





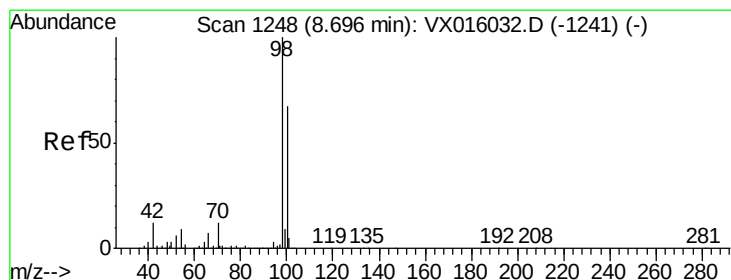
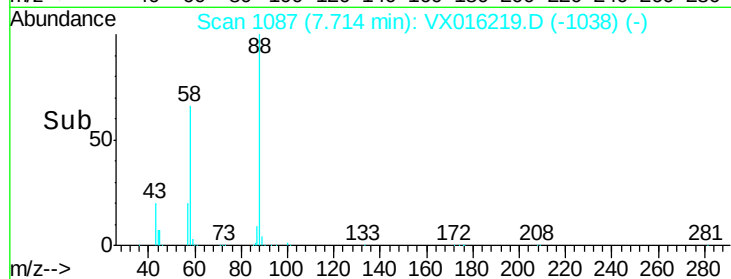
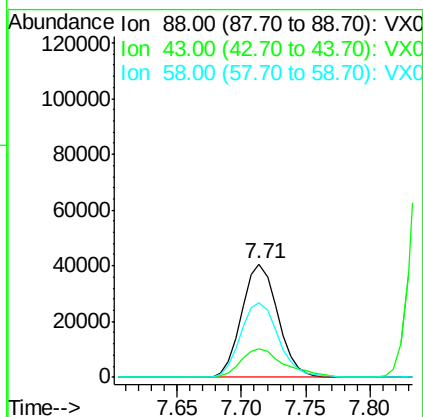
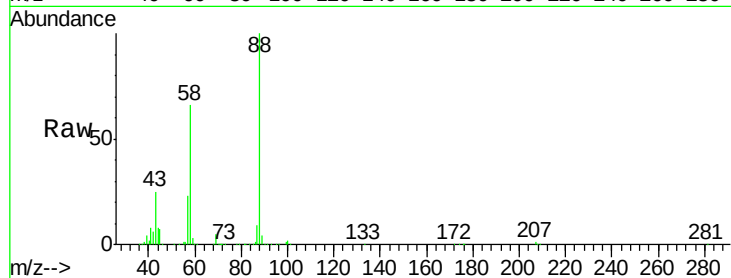
#49
1,4-Dioxane
Concen: 863.162 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016219.D
Acq: 14 May 2020 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.1	25.3	37.9
58	70.2	55.9	83.9

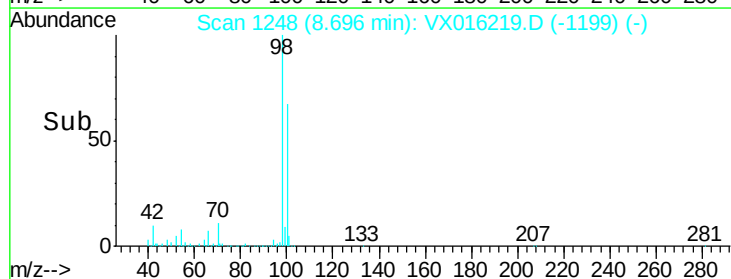
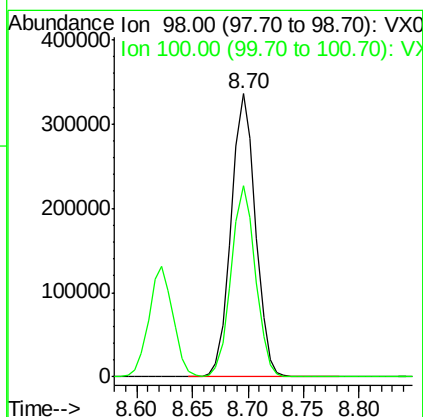
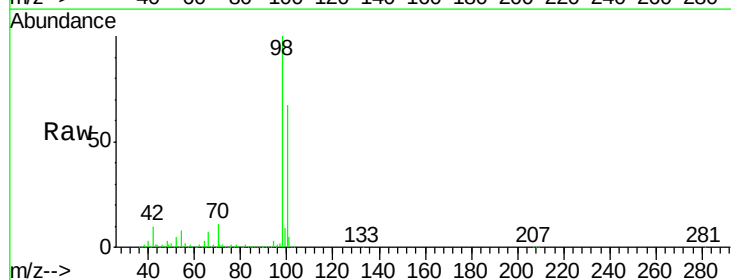
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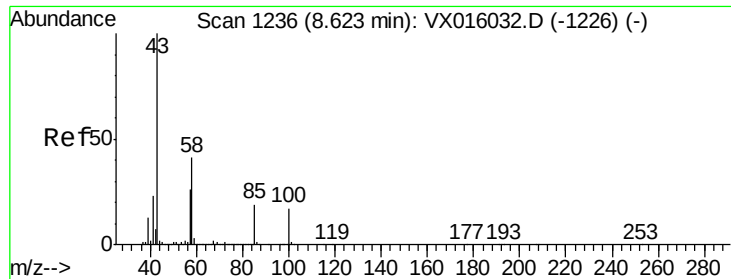
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#50
Toluene-d8
Concen: 47.702 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016219.D
Acq: 14 May 2020 10:25

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.7	80.5





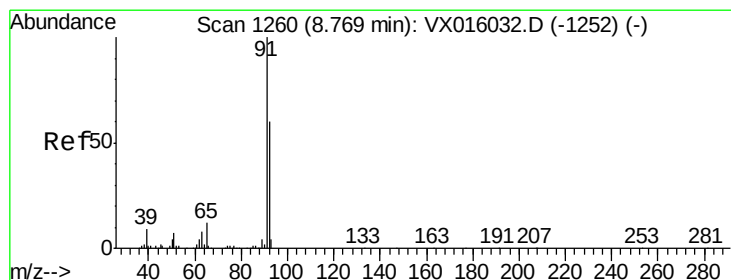
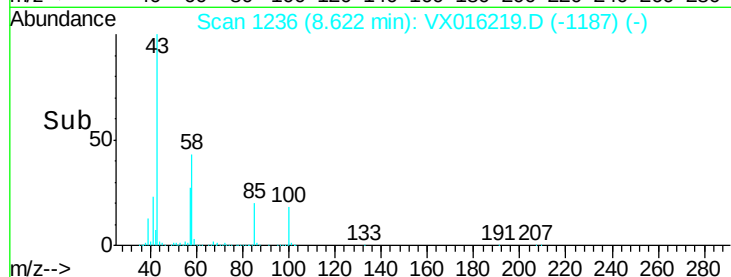
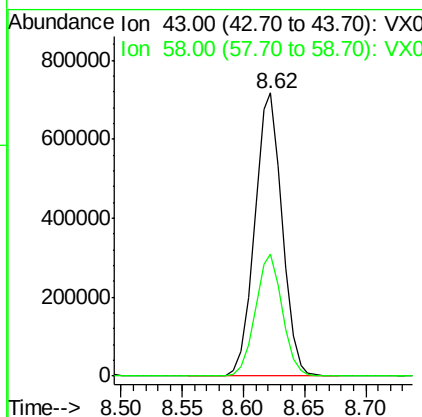
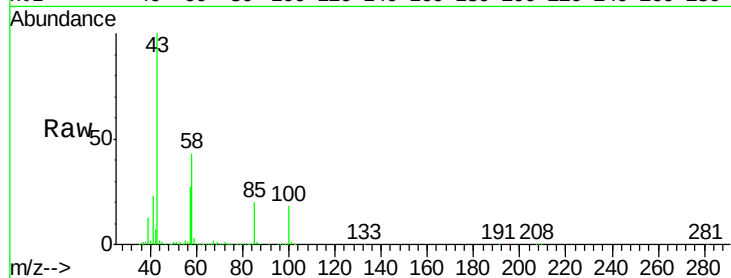
#51
4-Methyl-2-Pentanone
Concen: 230.018 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX016219.D
Acq: 14 May 2020 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1120956
Ion Ratio Lower Upper
43 100
58 42.2 33.0 49.4

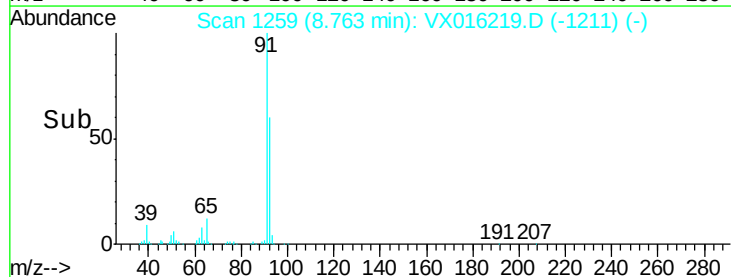
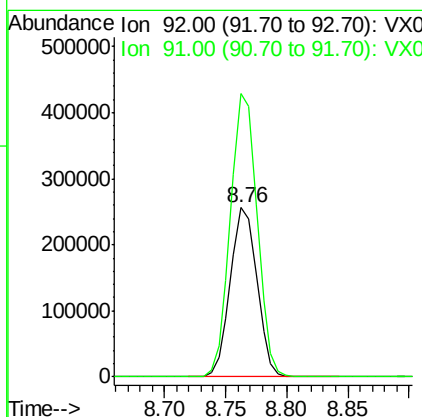
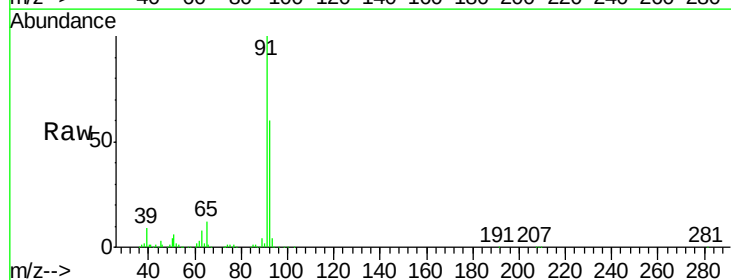
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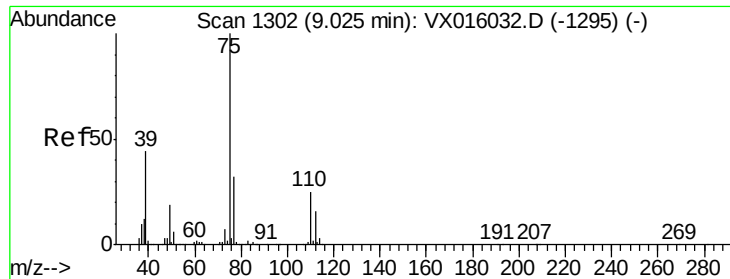
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5/15/2020 12:28:54 PM



#52
Toluene
Concen: 49.313 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX016219.D
Acq: 14 May 2020 10:25

Tgt Ion: 92 Resp: 387307
Ion Ratio Lower Upper
92 100
91 168.0 134.5 201.7





#53

t-1,3-Dichloropropene

Concen: 48.291 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016219.D

Acq: 14 May 2020 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 254078

Ion Ratio Lower Upper

75 100

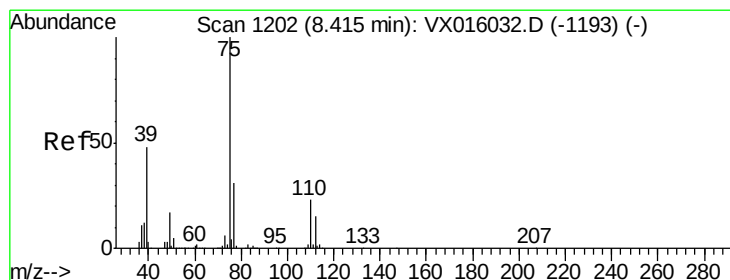
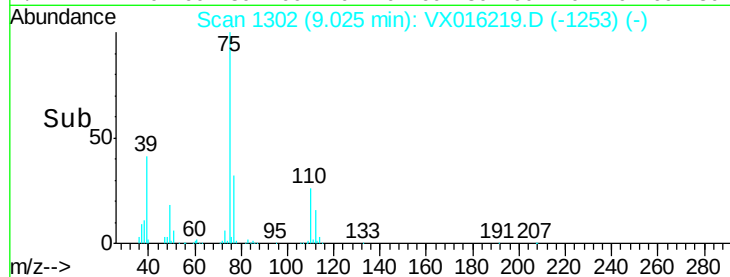
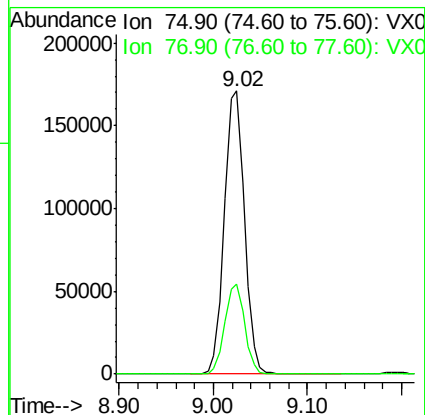
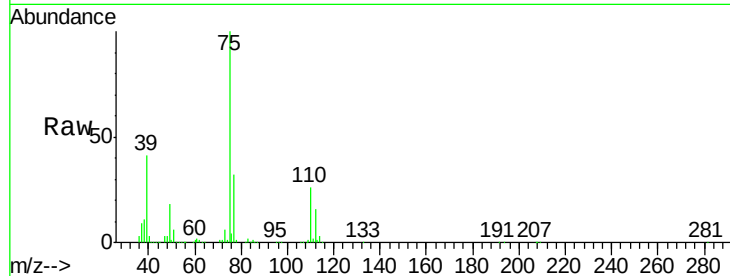
77 31.9 25.7 38.5

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5/15/2020 12:28:54 PM



#54

cis-1,3-Dichloropropene

Concen: 48.758 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016219.D

Acq: 14 May 2020 10:25

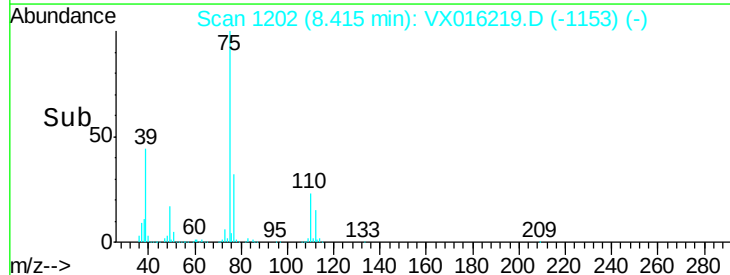
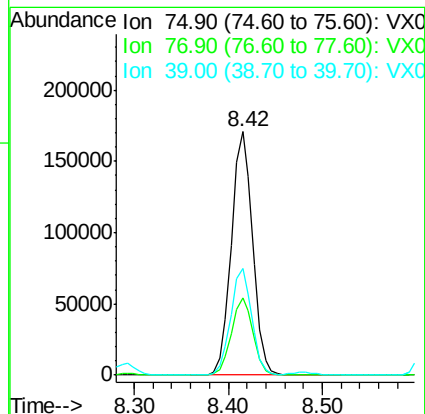
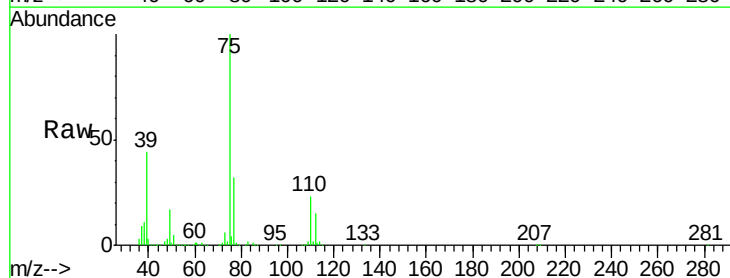
Tgt Ion: 75 Resp: 267956

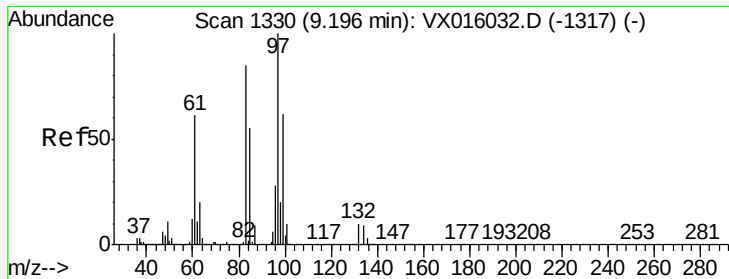
Ion Ratio Lower Upper

75 100

77 31.7 24.7 37.1

39 43.8 38.7 58.1





#55

1,1,2-Trichloroethane

Concen: 49.605 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX016219.D

Acq: 14 May 2020 10:25

Instrument :

MSVOA_X

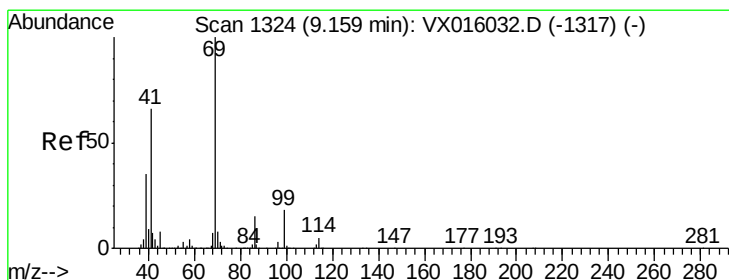
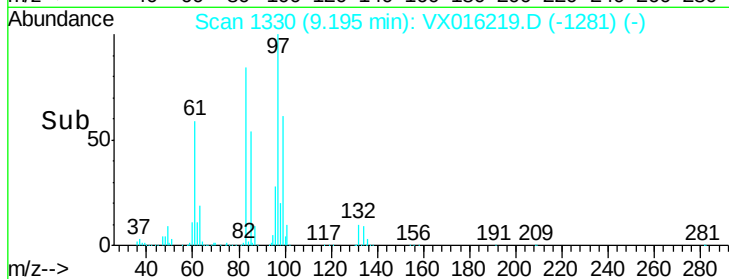
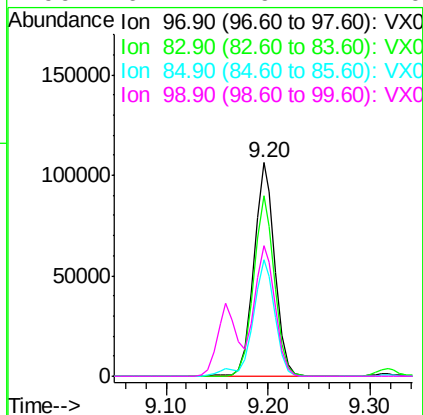
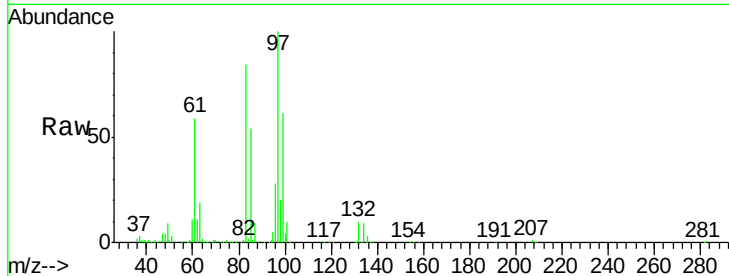
ClientSampleId :

VSTDCCC050

Tot Ion:	97	Resp:	153282
Ion	Ratio	Lower	Upper
97	100		
83	84.4	67.8	101.8
85	54.4	43.8	65.8
99	61.1	49.4	74.0

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#56

Ethyl methacrylate

Concen: 49.239 ug/l

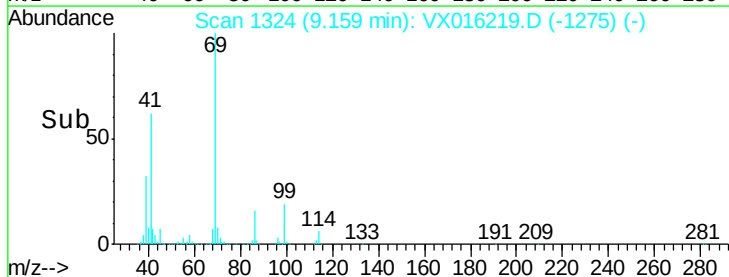
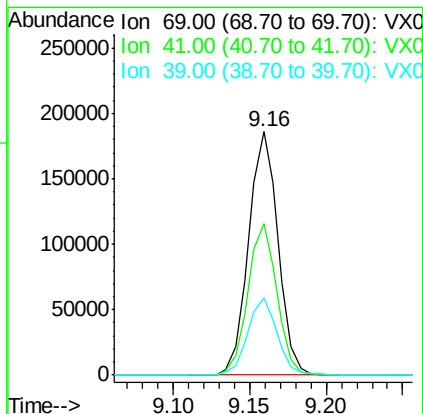
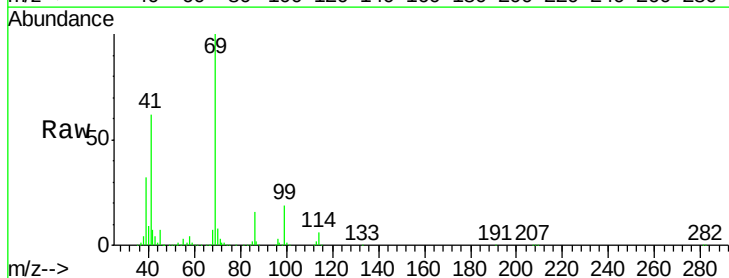
RT: 9.16 min Scan# 1324

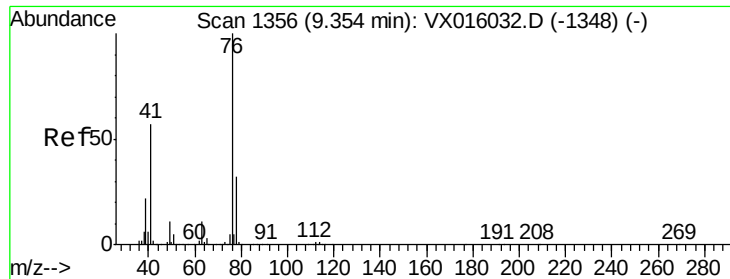
Delta R.T. -0.00 min

Lab File: VX016219.D

Acq: 14 May 2020 10:25

Tgt Ion:	69	Resp:	248358
Ion	Ratio	Lower	Upper
69	100		
41	61.4	52.2	78.4
39	31.9	28.2	42.4





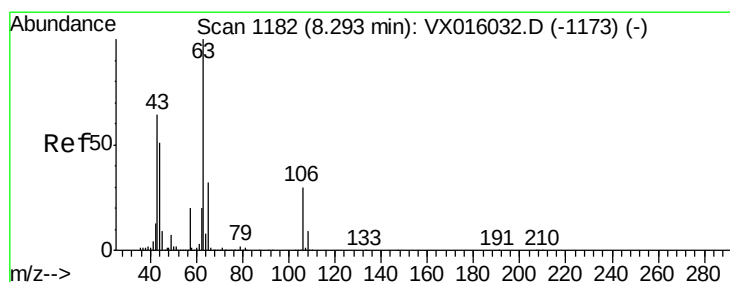
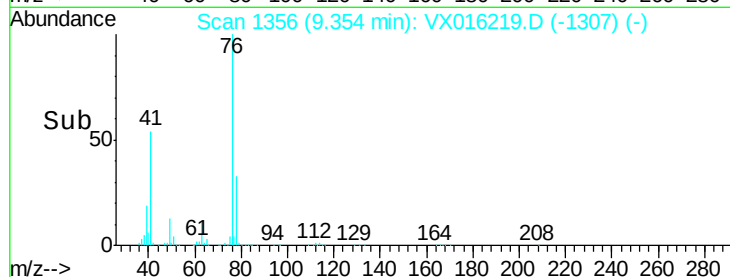
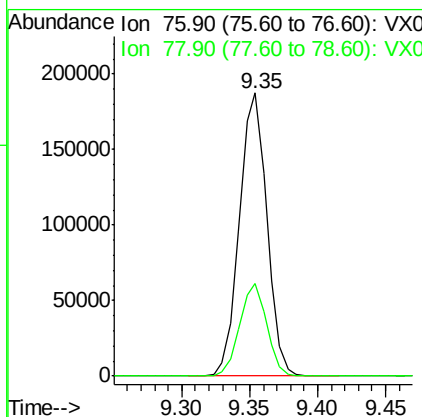
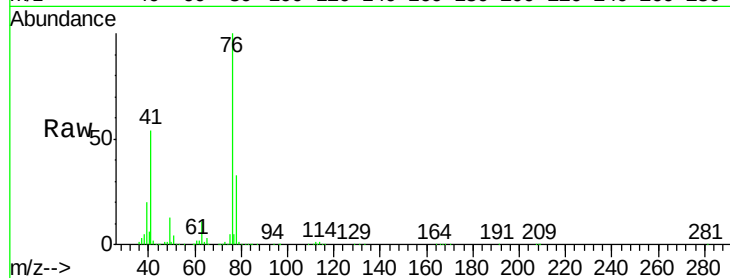
#57
 1,3-Dichloropropane
 Concen: 48.950 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX016219.D
 Acq: 14 May 2020 10:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	25.9	38.9

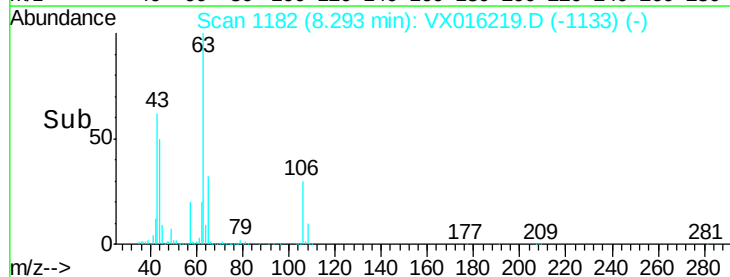
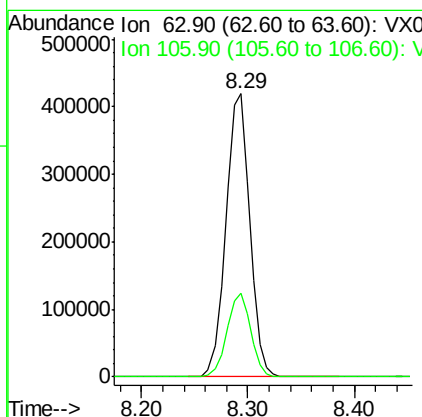
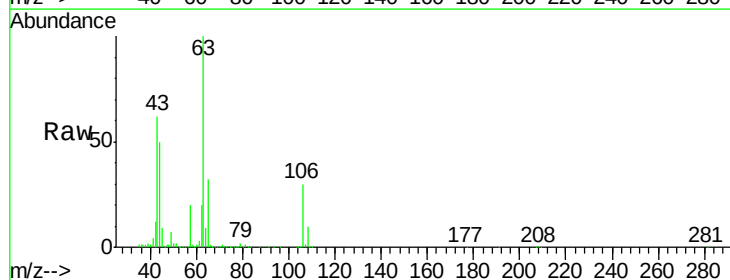
Manual Integrations
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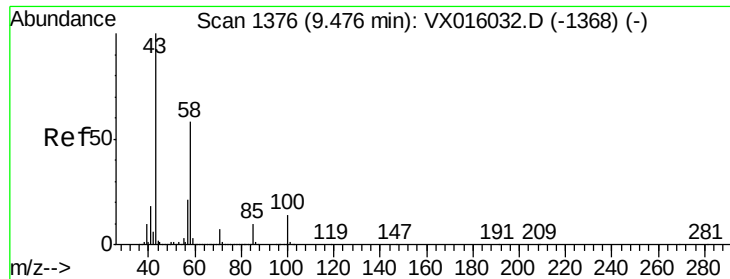
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#58
 2-Chloroethyl Vinyl ether
 Concen: 244.757 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX016219.D
 Acq: 14 May 2020 10:25

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.5	23.4	35.2





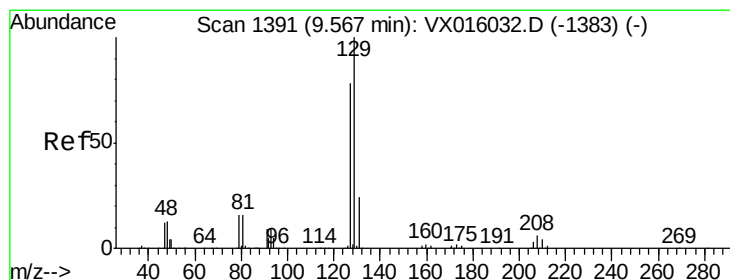
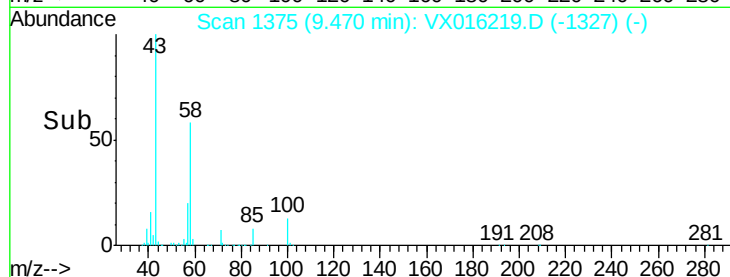
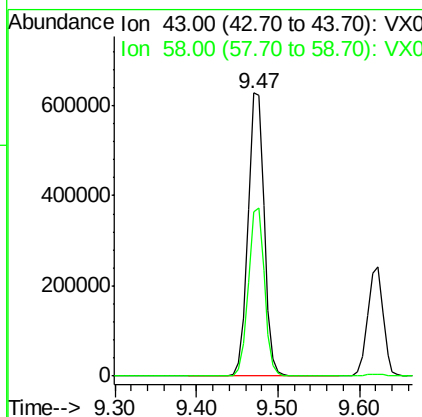
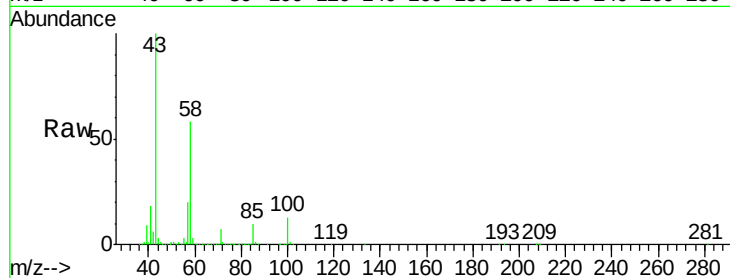
#59
2-Hexanone
Concen: 226.245 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016219.D
Acq: 14 May 2020 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	59.0	28.6	85.9

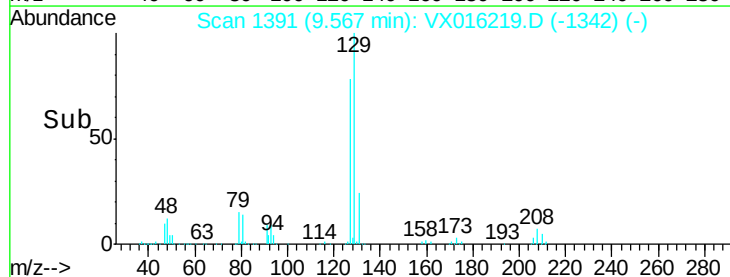
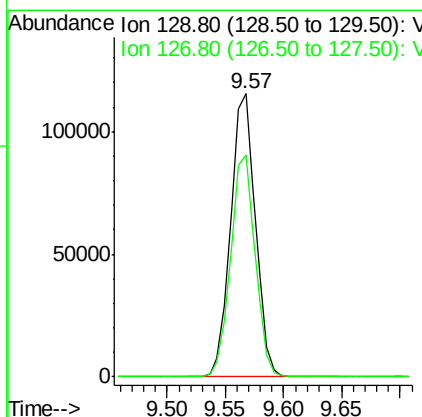
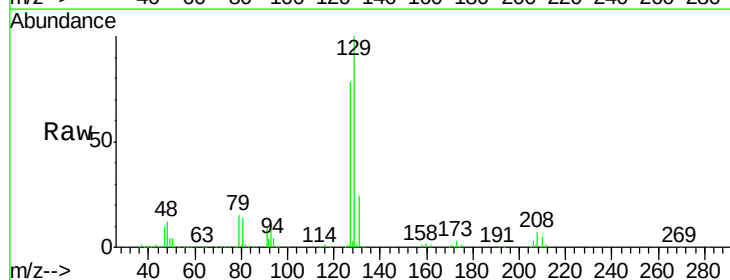
Manual Integrations
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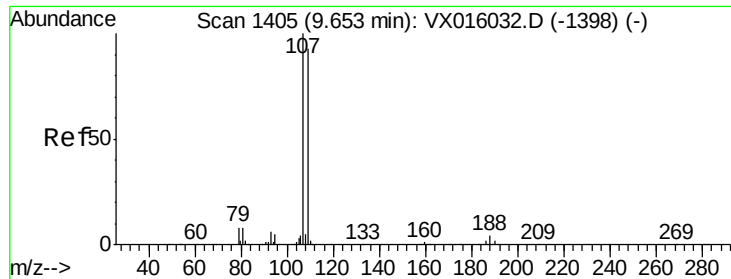
MMDadoda
5/15/2020 12:28:54 PM



#60
Dibromochloromethane
Concen: 50.337 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016219.D
Acq: 14 May 2020 10:25

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.8	38.4	115.2





#61

1,2-Dibromoethane

Concen: 48.376 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016219.D

Acq: 14 May 2020 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 161920

Ion Ratio Lower Upper

107 100

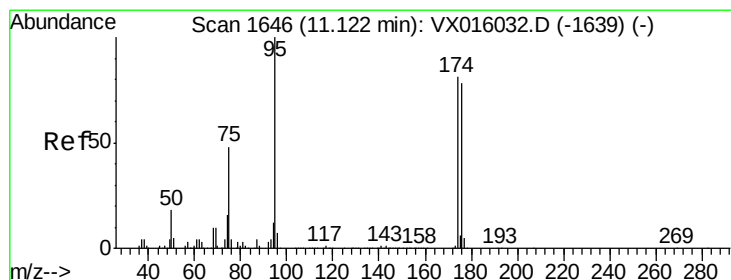
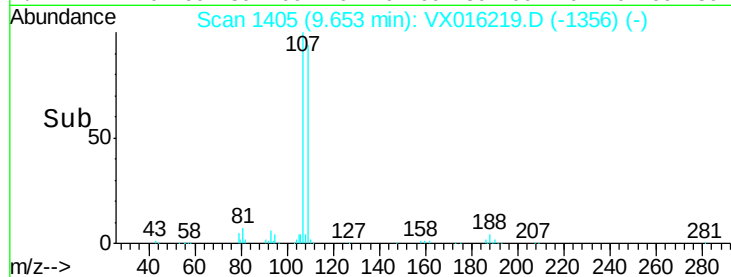
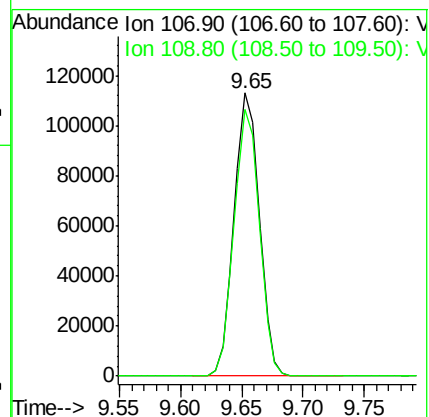
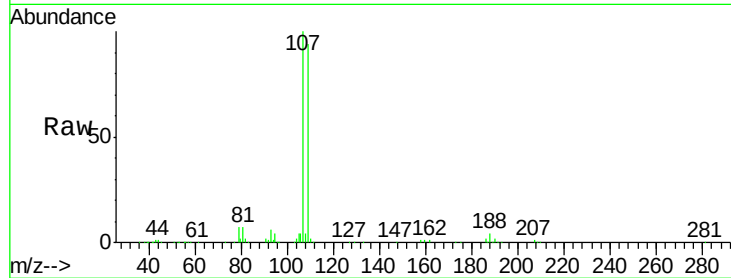
109 94.5 74.9 112.3

Manual Integrations

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5/15/2020 12:28:54 PM



#62

4-Bromofluorobenzene

Concen: 48.922 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016219.D

Acq: 14 May 2020 10:25

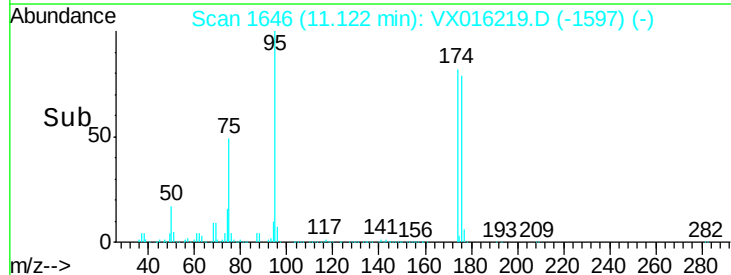
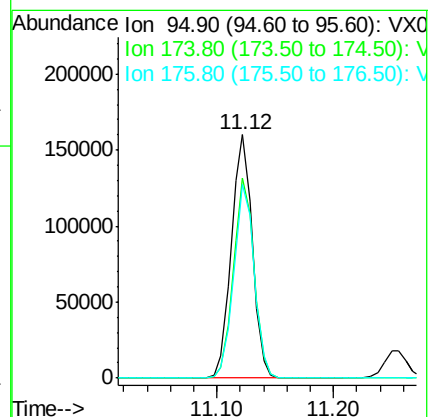
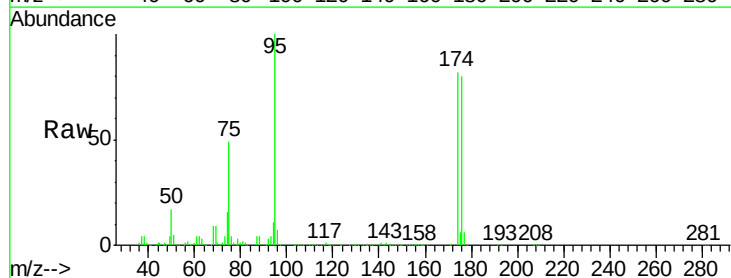
Tgt Ion: 95 Resp: 198718

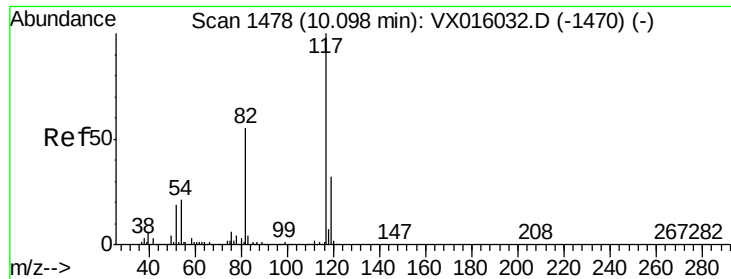
Ion Ratio Lower Upper

95 100

174 81.4 0.0 159.4

176 78.5 0.0 157.6





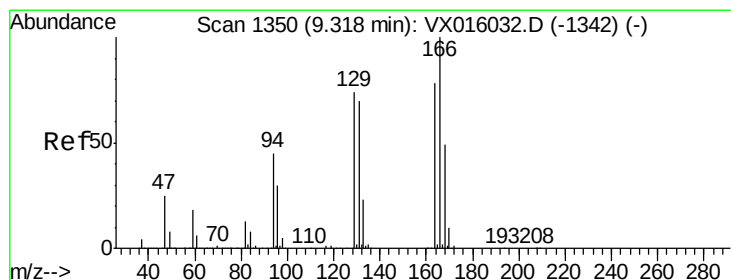
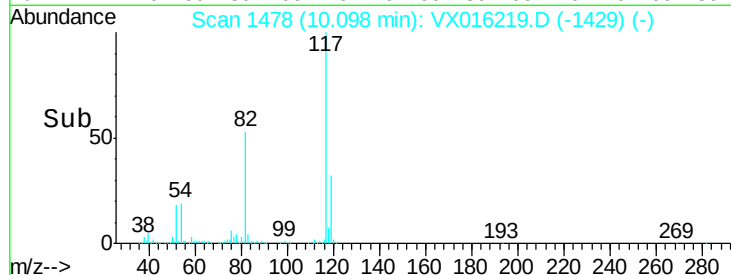
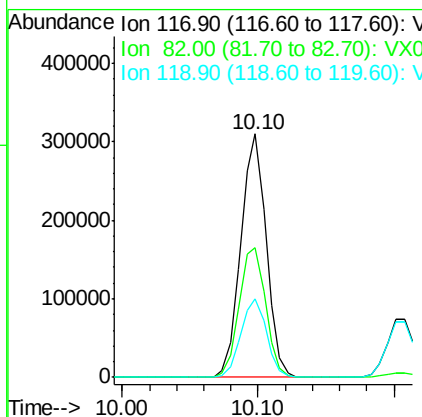
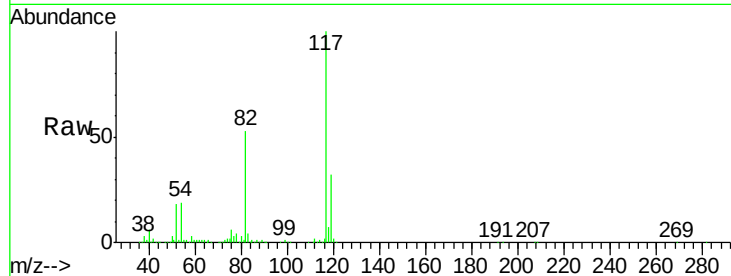
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016219.D
Acq: 14 May 2020 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	403174		
82	53.4		44.4	66.6
119	32.1		25.5	38.3

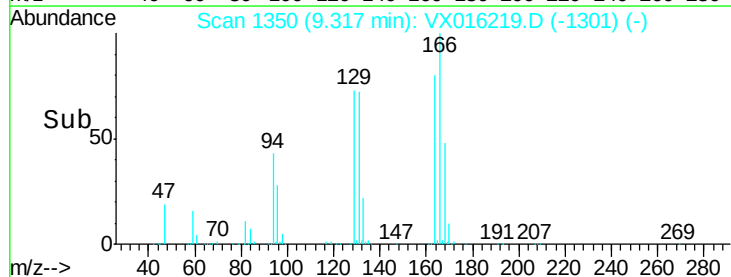
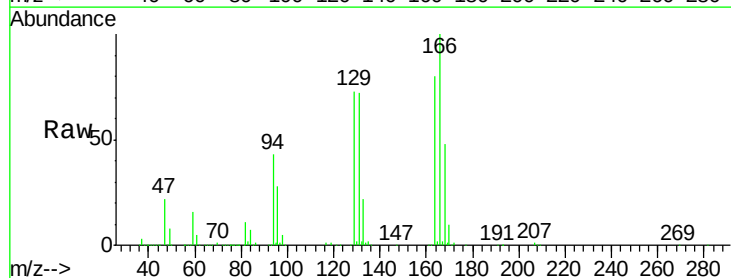
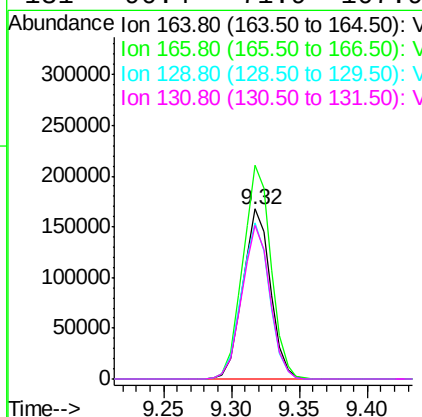
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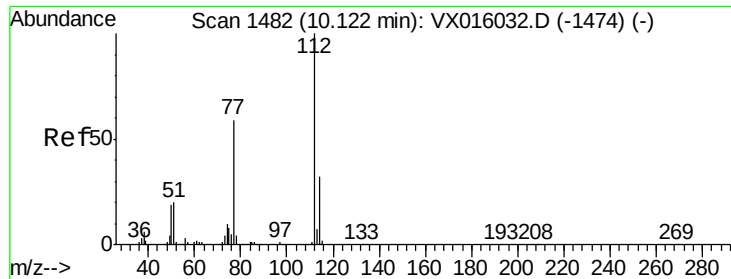
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#64
Tetrachloroethene
Concen: 48.220 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016219.D
Acq: 14 May 2020 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	238663		
166	125.5		102.9	154.3
129	92.0		76.1	114.1
131	90.4		71.9	107.9





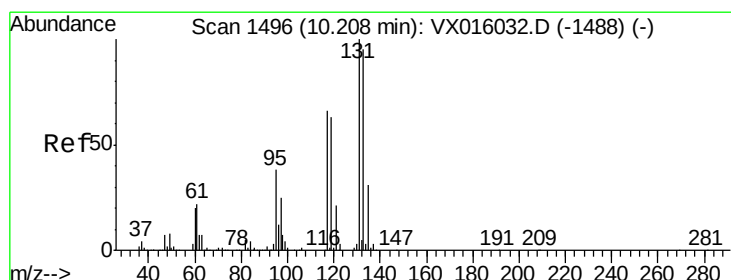
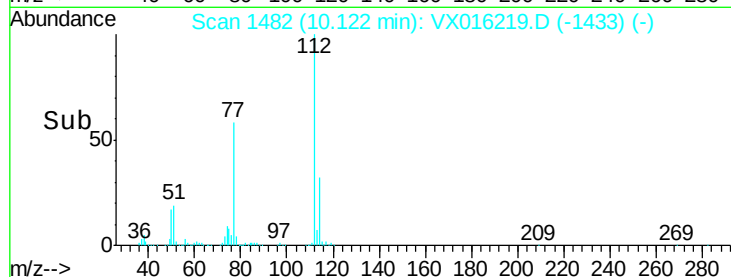
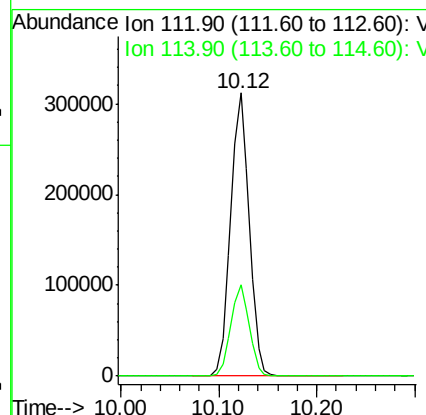
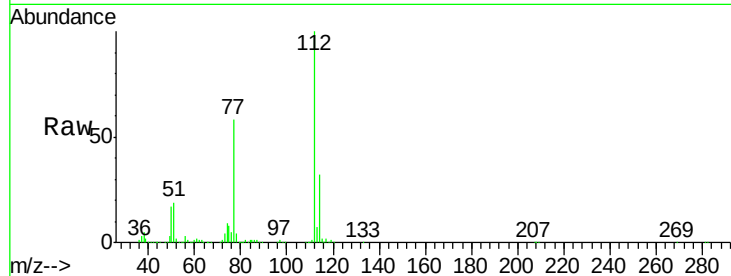
#65
Chlorobenzene
Concen: 48.738 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016219.D
Acq: 14 May 2020 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.5	25.7	38.5

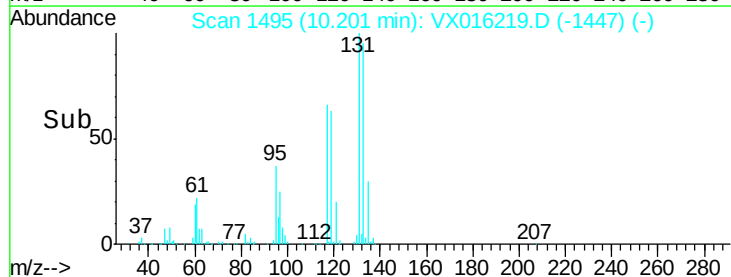
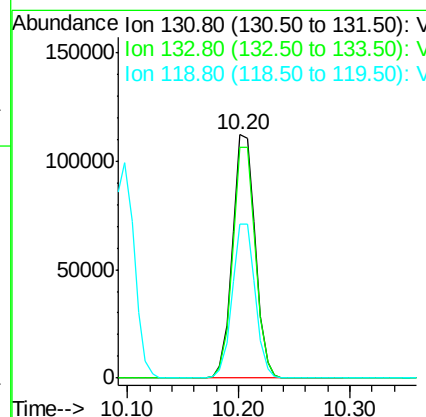
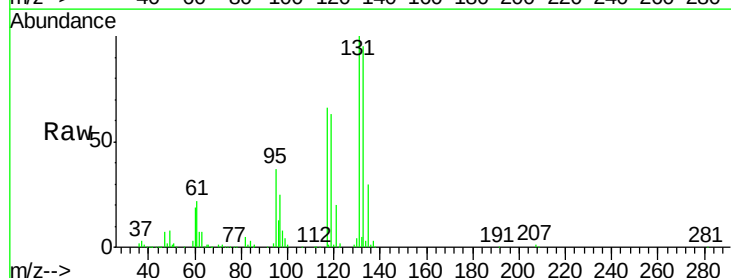
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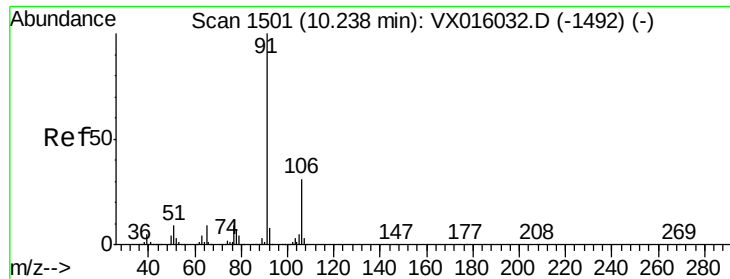
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.580 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX016219.D
Acq: 14 May 2020 10:25

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.9	48.3	144.8
119	63.7	32.3	96.9





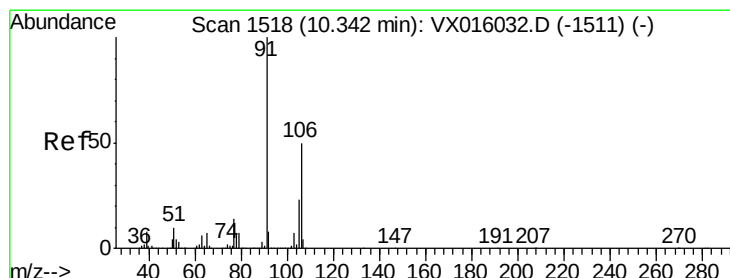
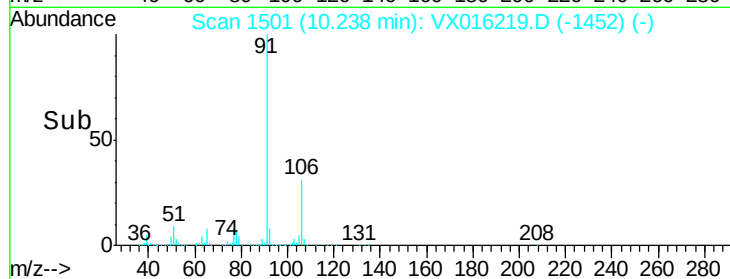
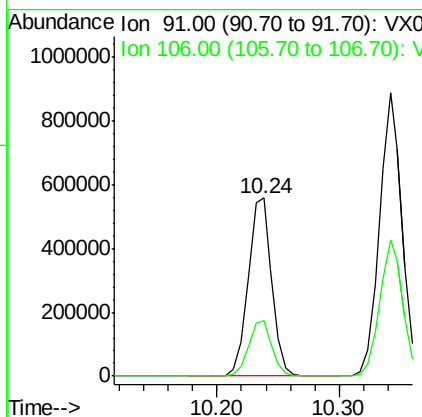
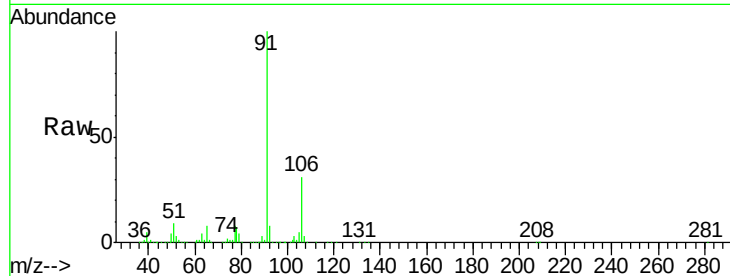
#67
Ethyl Benzene
Concen: 49.470 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016219.D
Acq: 14 May 2020 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 745153
Ion Ratio Lower Upper
91 100
106 31.4 25.1 37.7

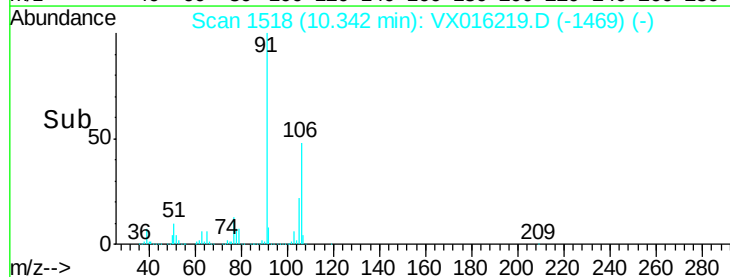
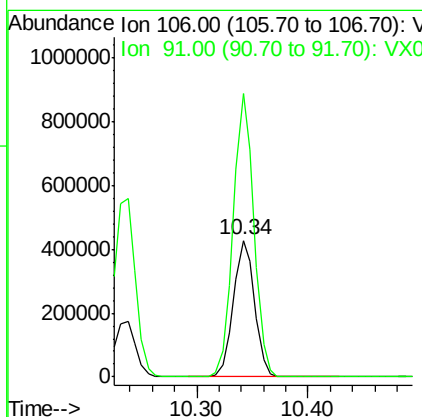
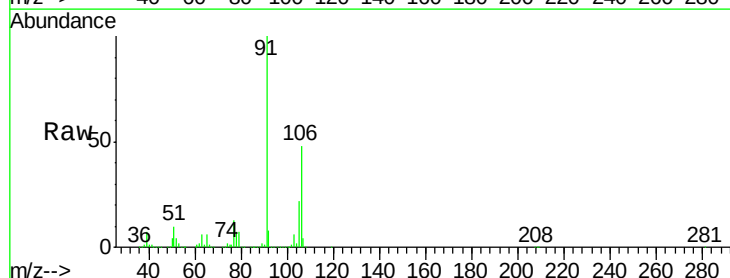
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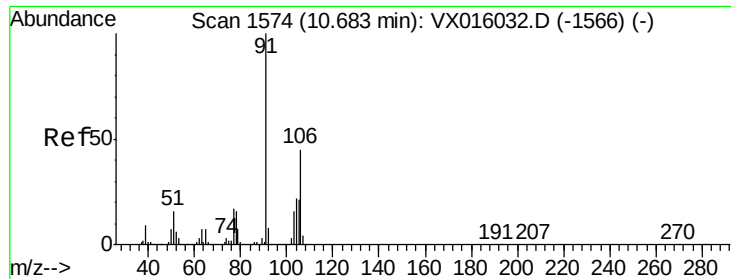
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#68
m/p-Xylenes
Concen: 99.226 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016219.D
Acq: 14 May 2020 10:25

Tgt Ion: 106 Resp: 559974
Ion Ratio Lower Upper
106 100
91 203.0 161.7 242.5





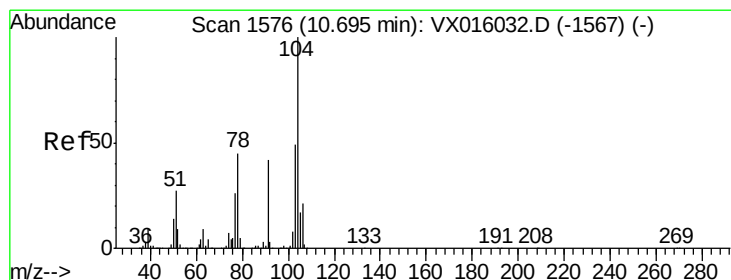
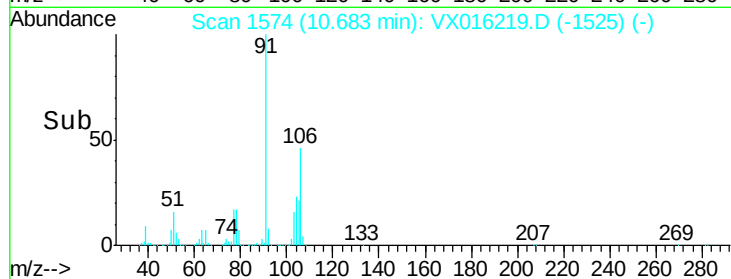
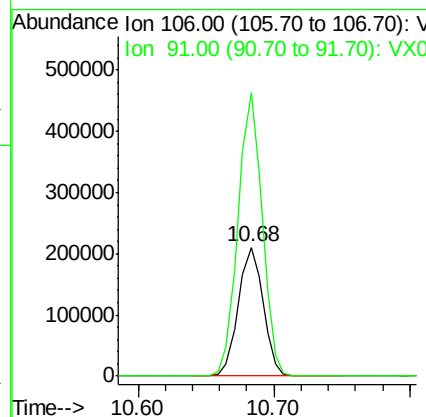
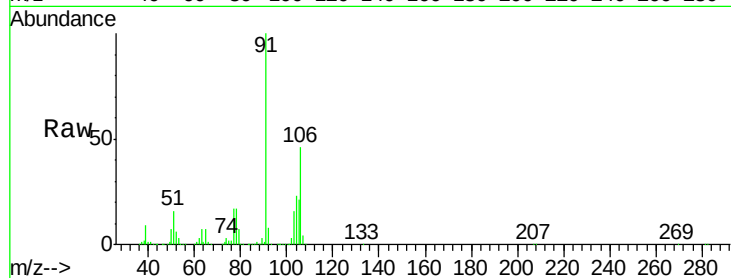
#69
o-Xylene
Concen: 49.462 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016219.D
Acq: 14 May 2020 10:25

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		268315		
91	214.5	107.5	322.6		

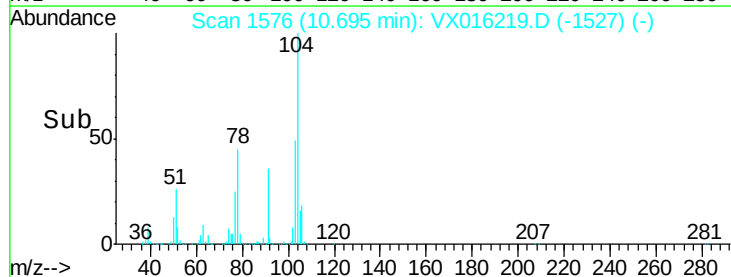
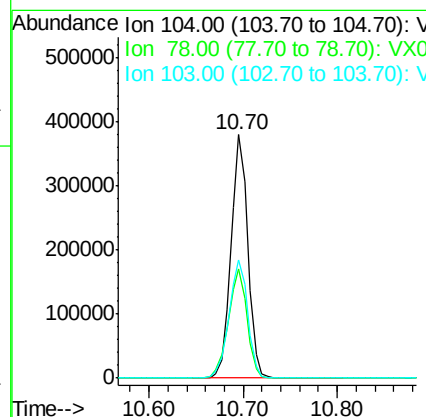
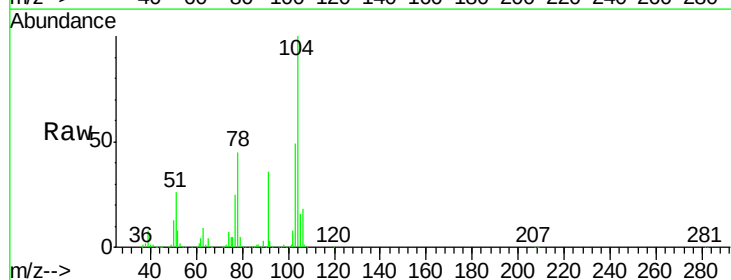
Manual Integrations
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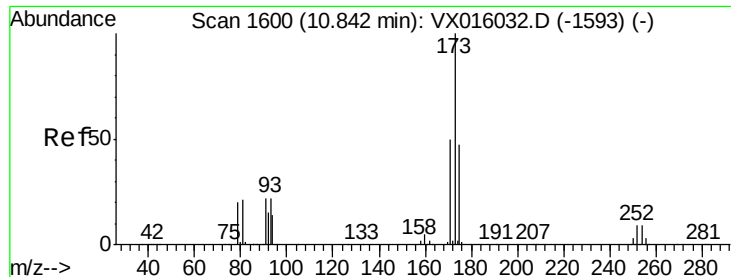
MMDadoda
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#70
Styrene
Concen: 50.973 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016219.D
Acq: 14 May 2020 10:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		469103		
78	49.7	40.2	60.2		
103	53.7	43.0	64.6		





#71

Bromoform

Concen: 51.569 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016219.D

Acq: 14 May 2020 10:25

Instrument :

MSVOA_X

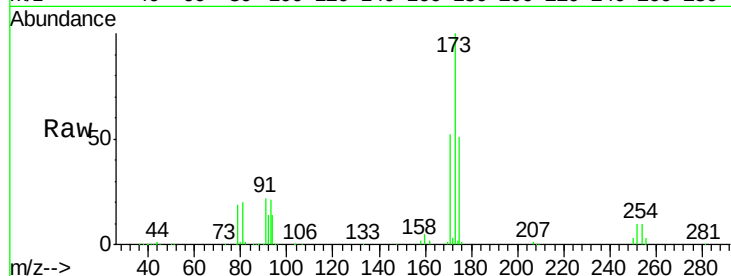
ClientSampleId :

VSTDCCC050

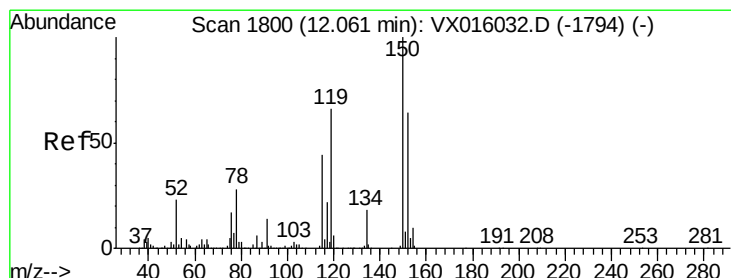
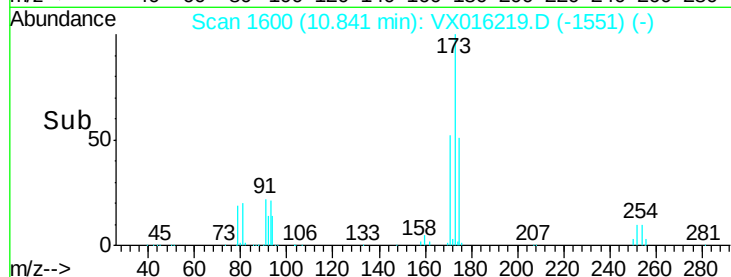
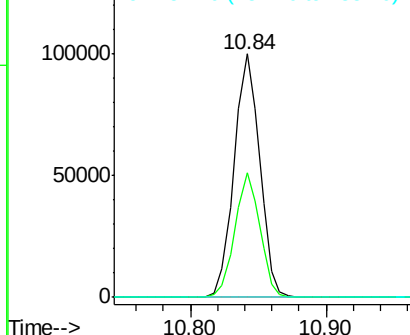
Tot Ion:	173	Resp:	131096
Ion Ratio	Lower	Upper	
173	100		
175	49.9	24.0	72.0
254	0.1	0.1	0.1#

Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

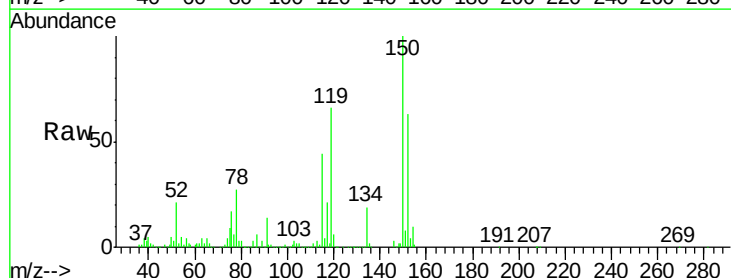
RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

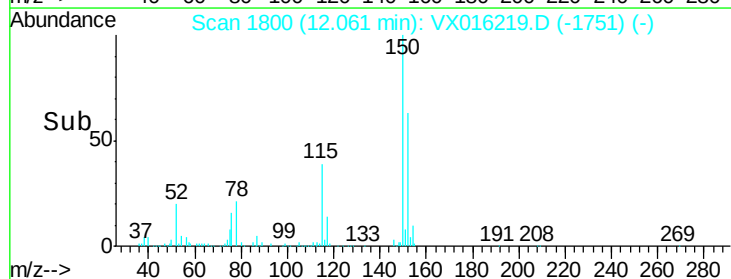
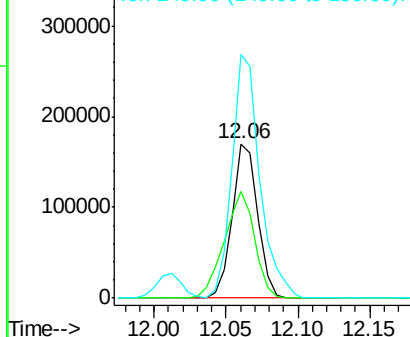
Lab File: VX016219.D

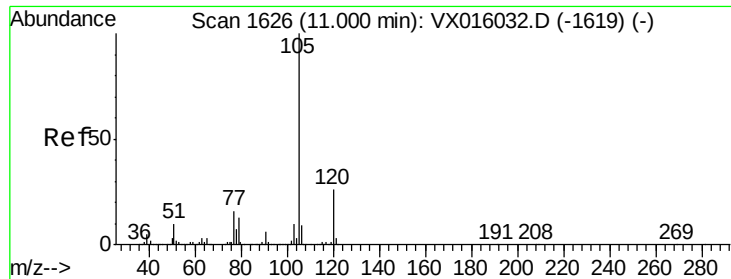
Acq: 14 May 2020 10:25

Tgt Ion:	152	Resp:	210928
Ion Ratio	Lower	Upper	
152	100		
115	82.2	41.3	124.1
150	173.4	0.0	352.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.038 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016219.D

Acq: 14 May 2020 10:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 721640

Ion Ratio Lower Upper

105 100

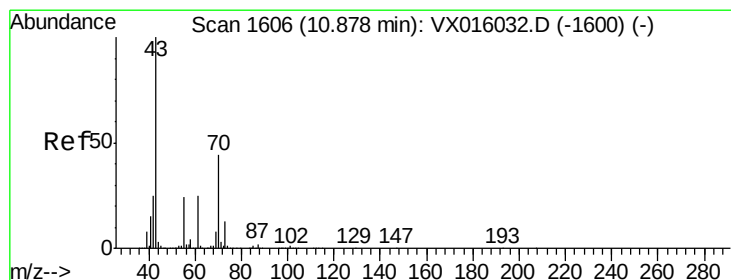
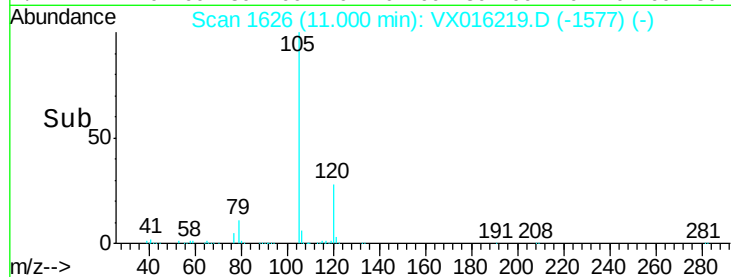
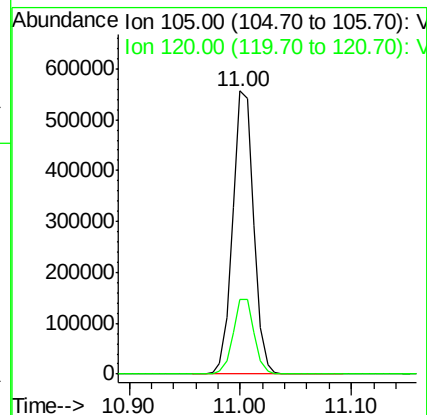
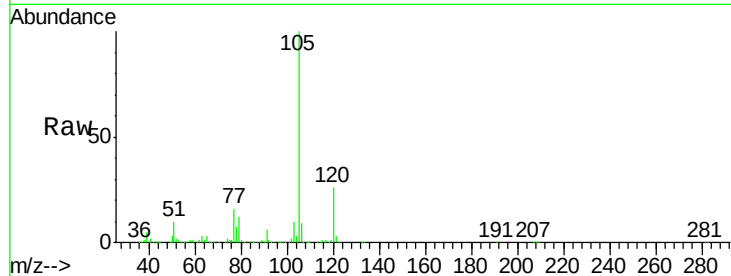
120 26.3 13.4 40.2

Manual Integrations

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#74

N-ethyl acetate

Concen: 43.462 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016219.D

Acq: 14 May 2020 10:25

Tgt Ion: 43 Resp: 311015

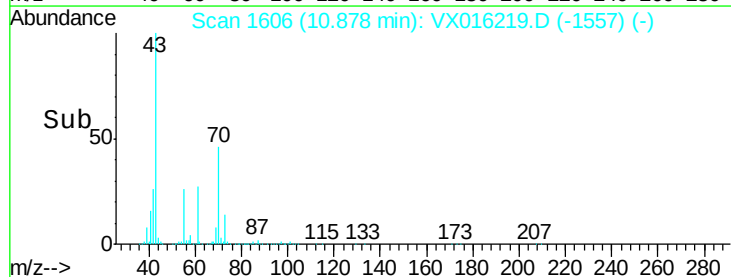
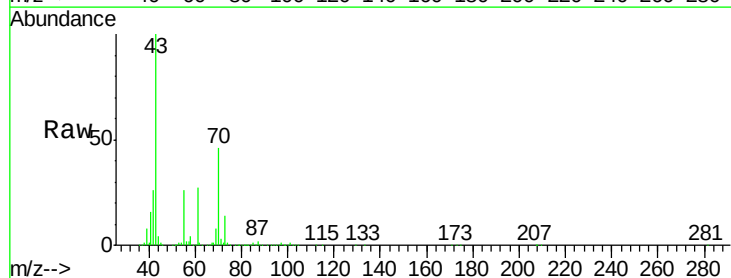
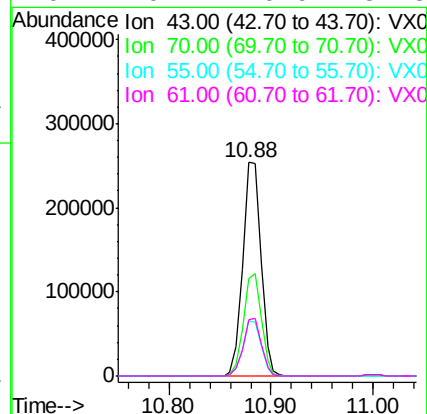
Ion Ratio Lower Upper

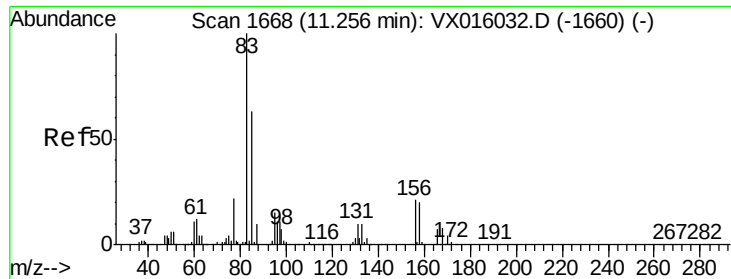
43 100

70 46.7 36.5 54.7

55 25.7 19.7 29.5

61 26.7 20.9 31.3





#75

1,1,2,2-Tetrachloroethane

Concen: 51.277 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016219.D

Acq: 14 May 2020 10:25

Instrument :

MSVOA_X

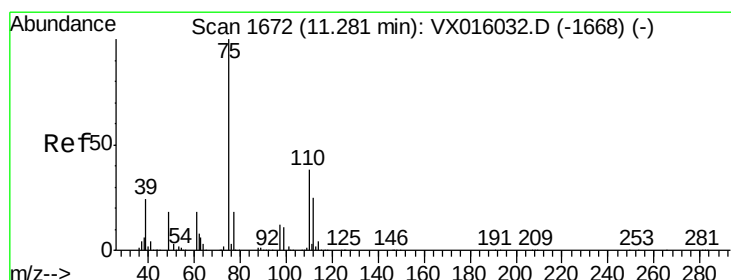
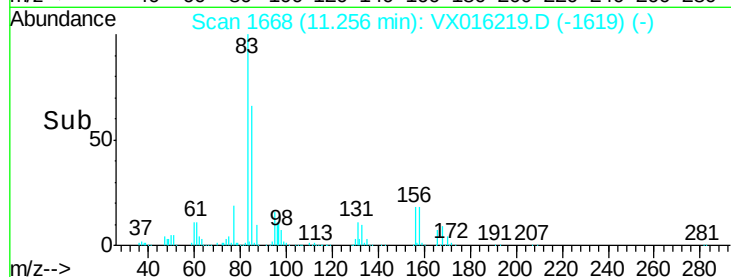
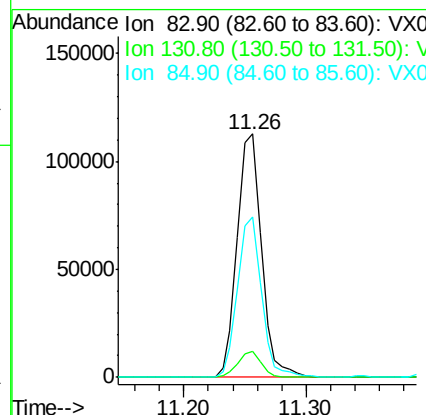
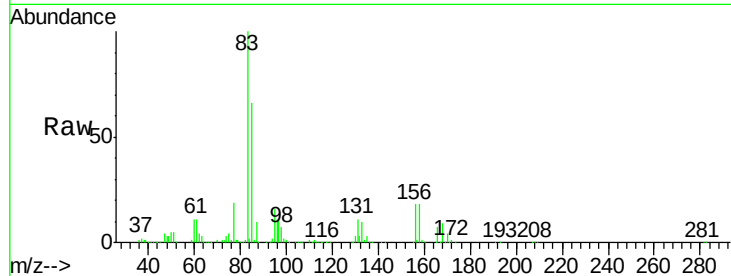
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	154963
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.1	15.4
85	65.0	32.0	96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 46.029 ug/l m

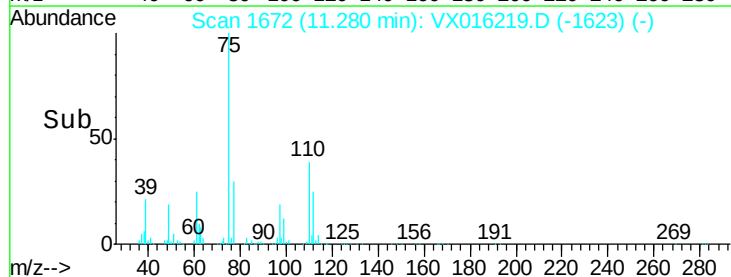
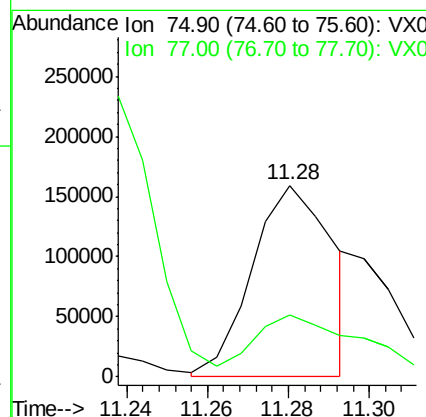
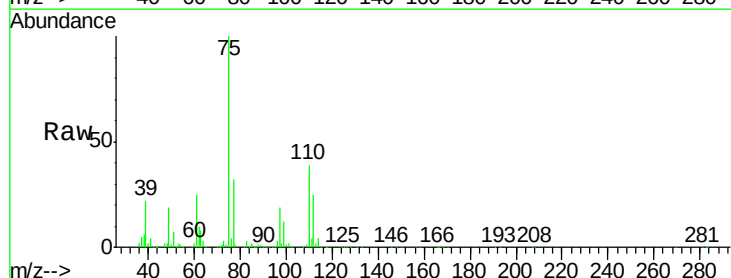
RT: 11.28 min Scan# 1672

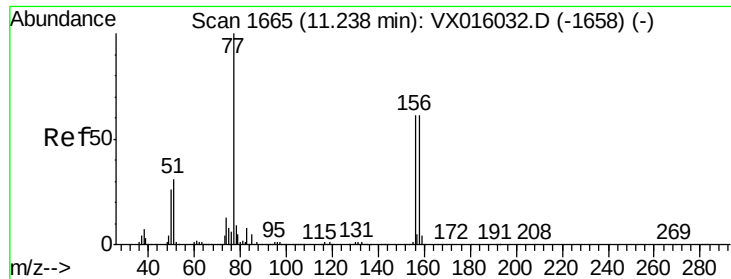
Delta R.T. -0.00 min

Lab File: VX016219.D

Acq: 14 May 2020 10:25

Tgt Ion:	75	Resp:	220314
Ion Ratio	Lower	Upper	
75	100		
77	43.4	21.2	63.6





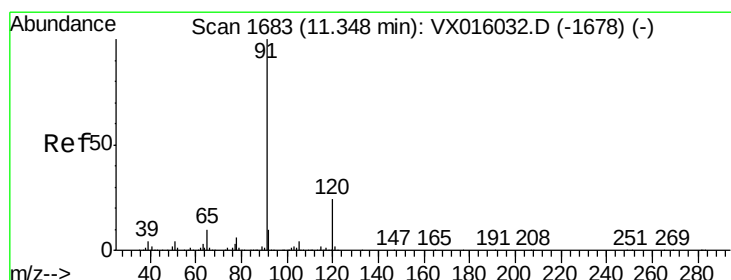
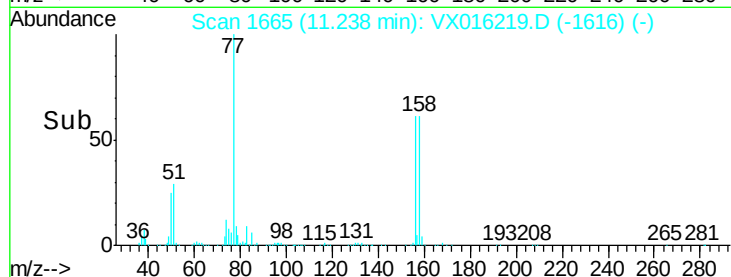
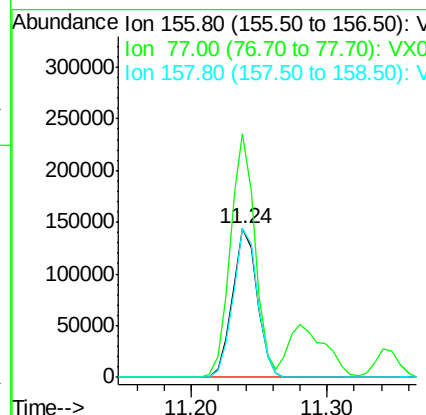
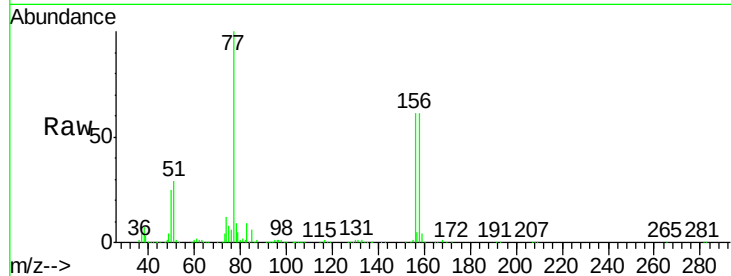
#77
Bromobenzene
Concen: 45.964 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VX016219.D
Acq: 14 May 2020 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	161.9	80.1	240.3
158	99.0	49.4	148.2

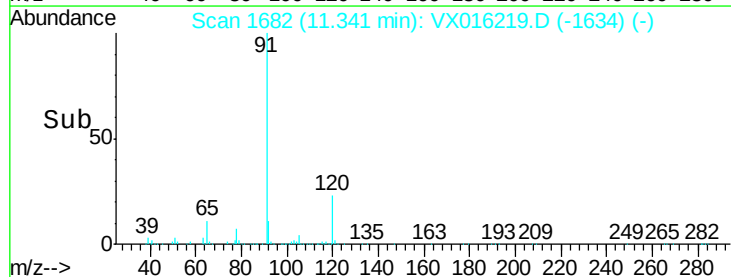
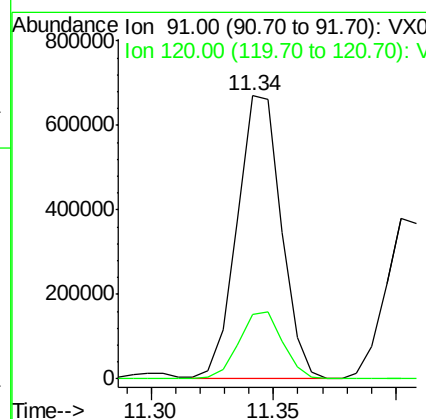
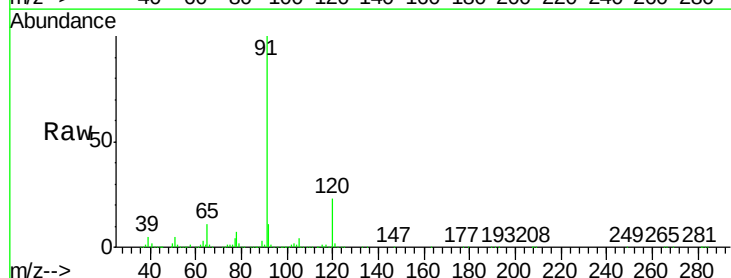
Manual Integrations
APPROVED

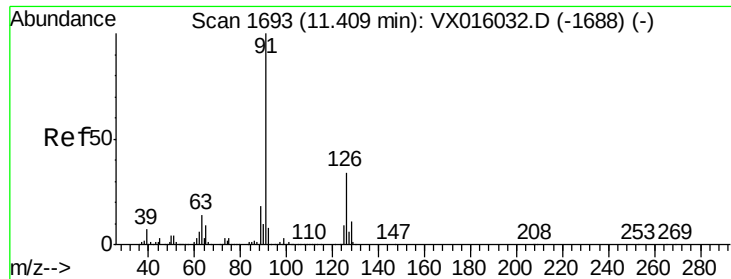
MMDadoda
5/15/2020 12:28:54 PM



#78
n-propylbenzene
Concen: 46.872 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. -0.01 min
Lab File: VX016219.D
Acq: 14 May 2020 10:25

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.5	11.5	34.5





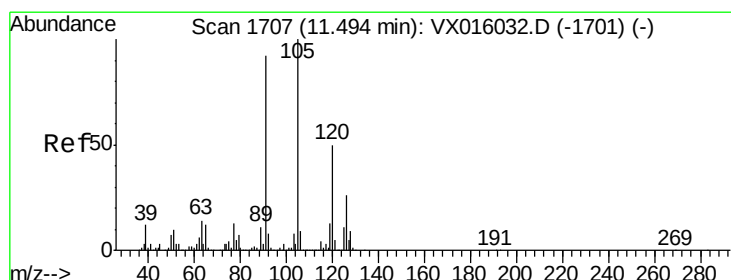
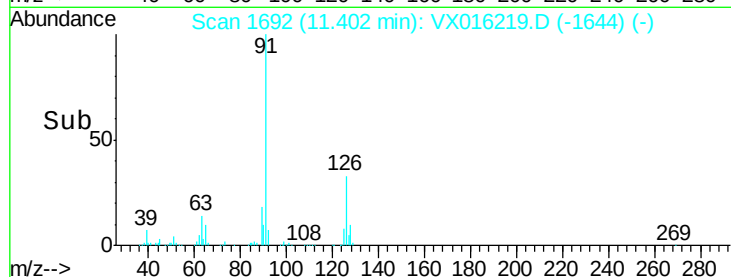
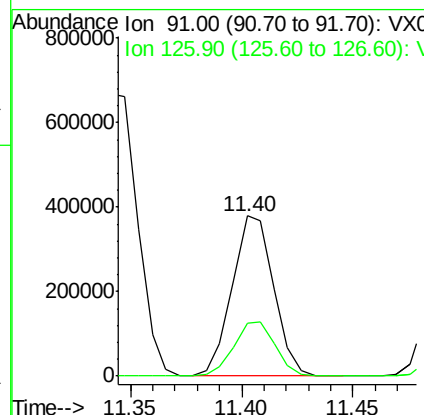
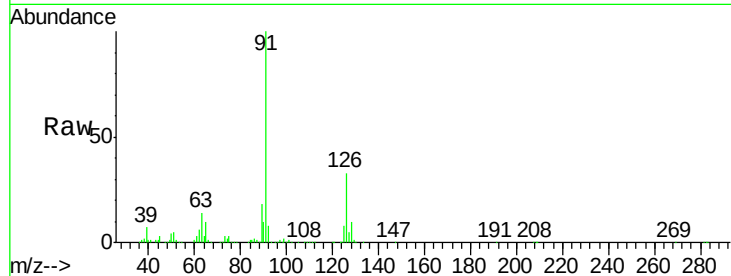
#79
2-Chlorotoluene
Concen: 46.882 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.01 min
Lab File: VX016219.D
Acq: 14 May 2020 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
126	34.0	16.9	50.6

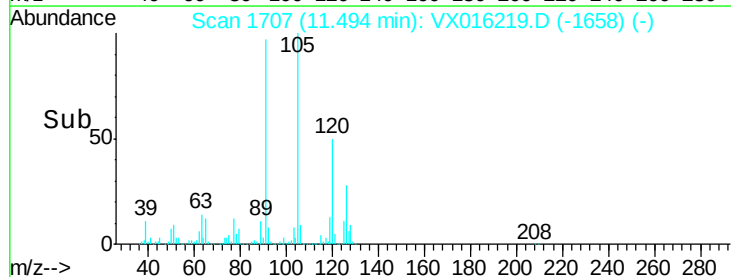
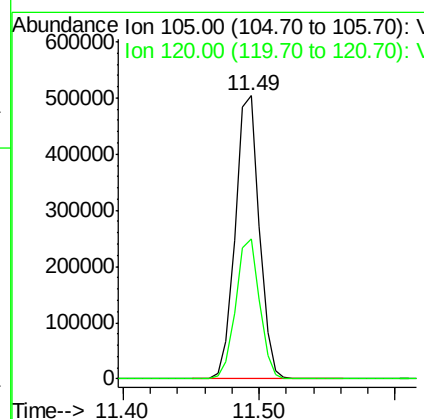
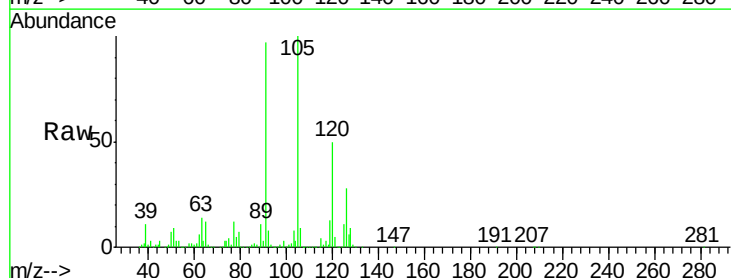
Manual Integrations
APPROVED

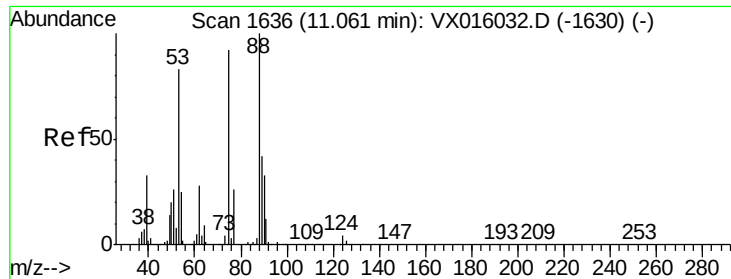
MMDadoda
5/15/2020 12:28:54 PM



#80
1,3,5-Trimethylbenzene
Concen: 47.551 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016219.D
Acq: 14 May 2020 10:25

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.4	24.6	74.0





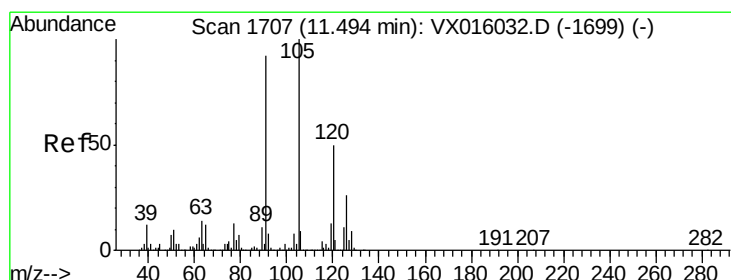
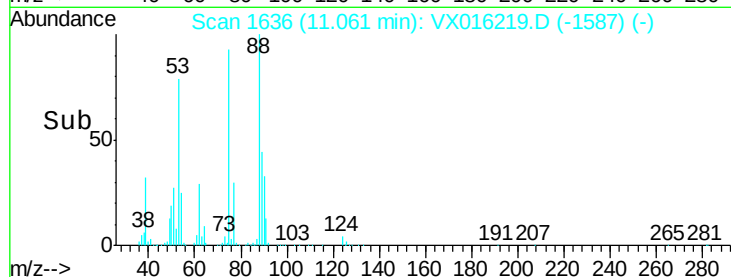
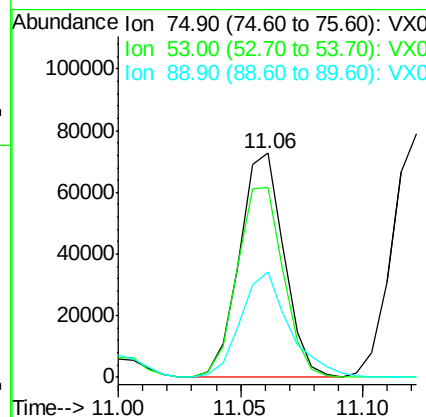
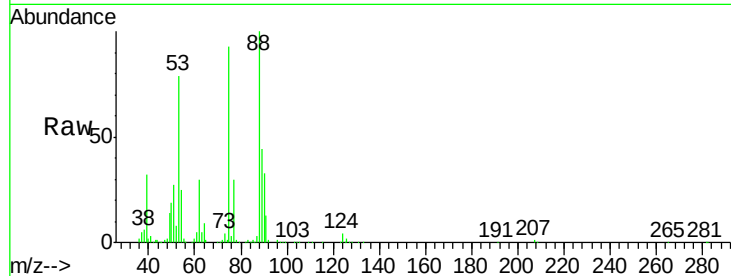
#81
trans-1,4-Dichloro-2-butene
Concen: 45.637 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016219.D
Acq: 14 May 2020 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	87.9	73.1	109.7
89	52.0	36.7	55.1

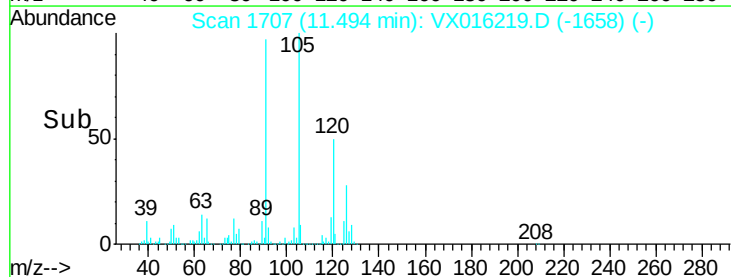
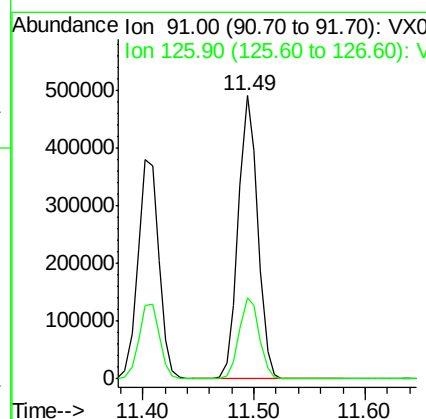
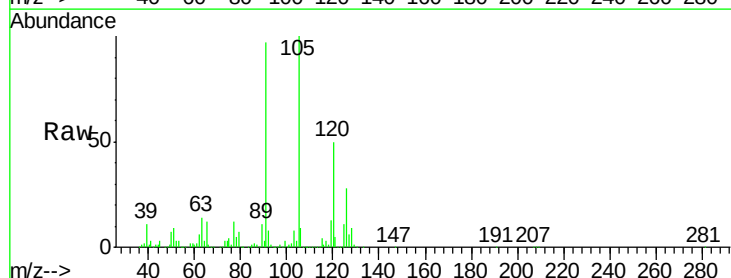
Manual Integrations
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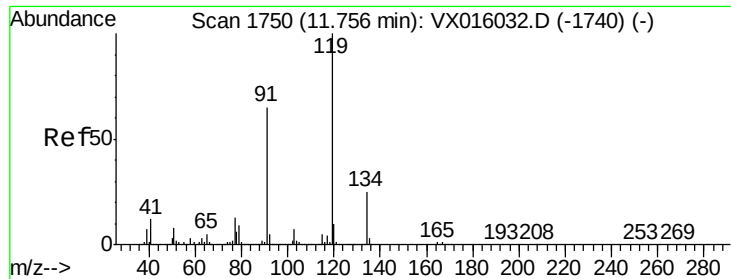
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5/15/2020 12:28:54 PM



#82
4-Chlorotoluene
Concen: 47.908 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016219.D
Acq: 14 May 2020 10:25

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.4	14.8	44.3





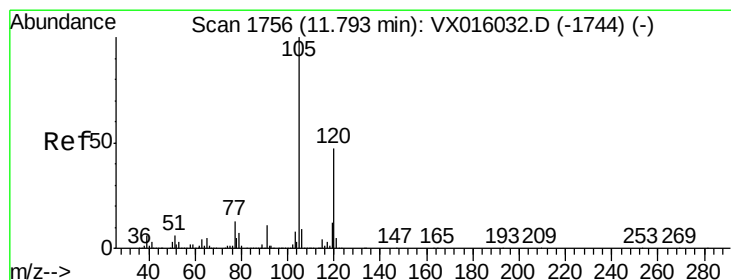
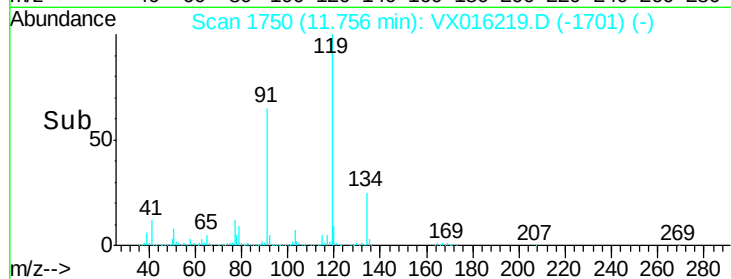
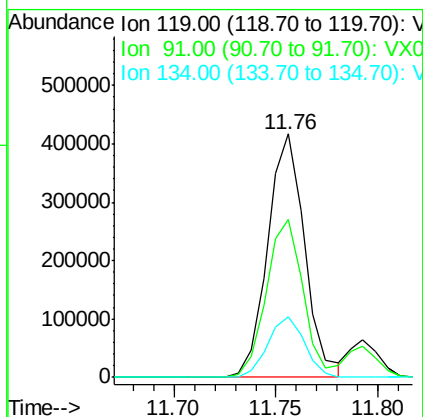
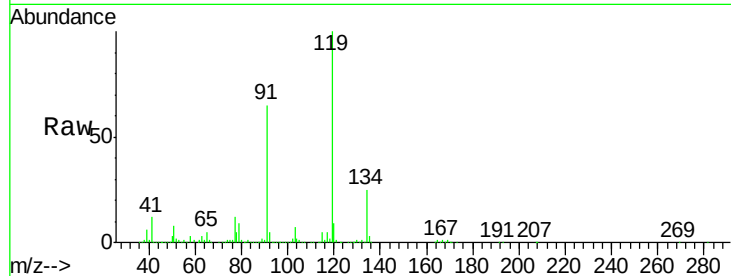
#83
tert-Butylbenzene
Concen: 47.048 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016219.D
Acq: 14 May 2020 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	525201		
91	64.2	32.8	98.4	
134	24.6	12.4	37.0	

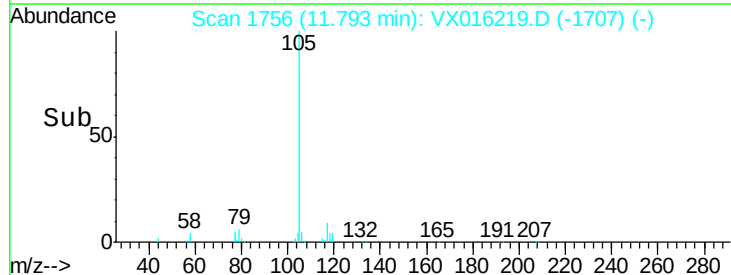
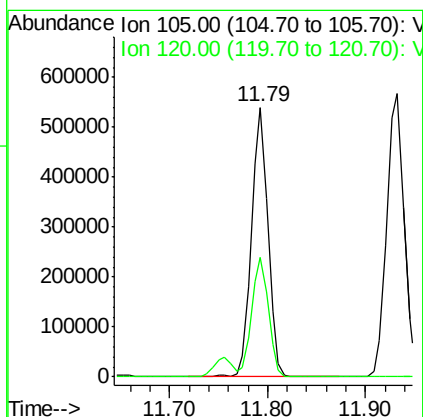
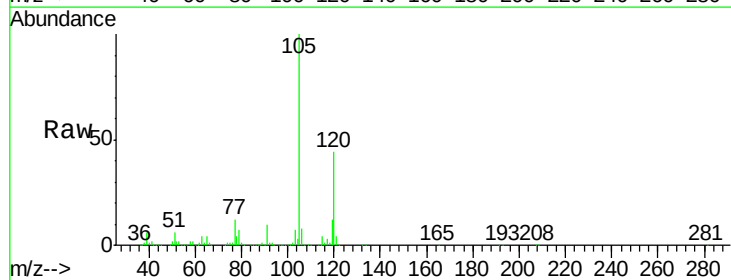
Manual Integrations
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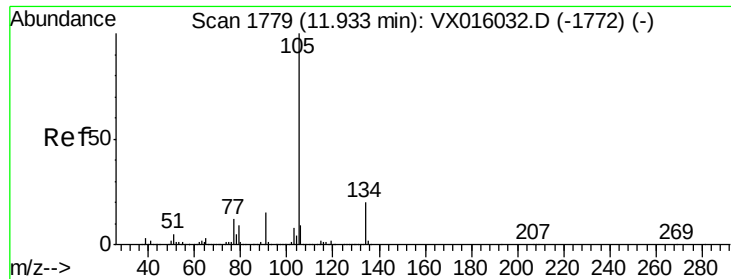
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#84
1,2,4-Trimethylbenzene
Concen: 48.105 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016219.D
Acq: 14 May 2020 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	629977		
120	45.3	23.0	69.0	





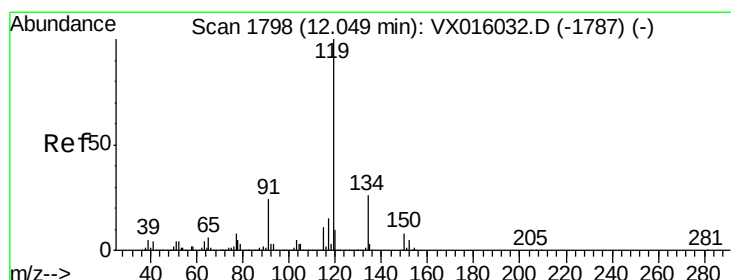
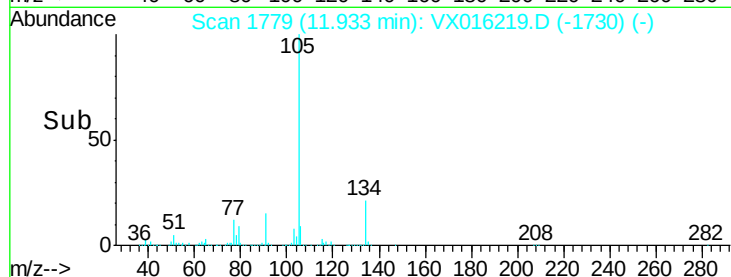
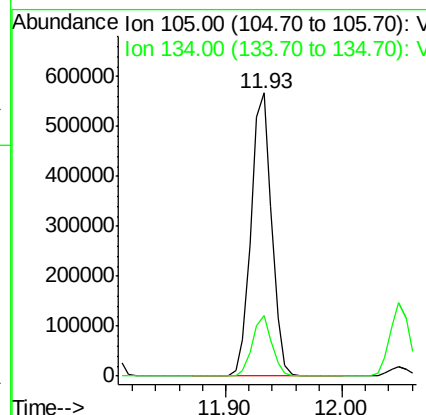
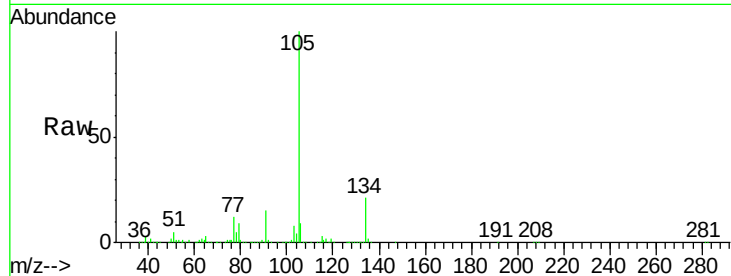
#85
 sec-Butylbenzene
 Concen: 46.447 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016219.D
 Acq: 14 May 2020 10:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.3	10.1	30.3

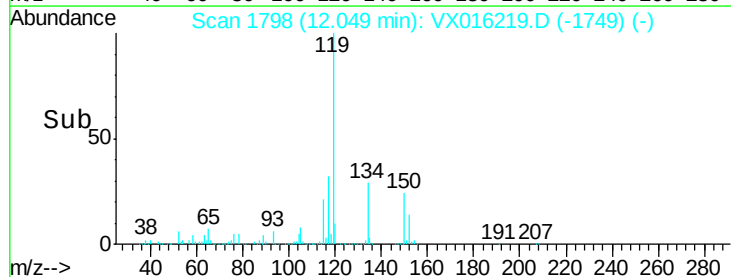
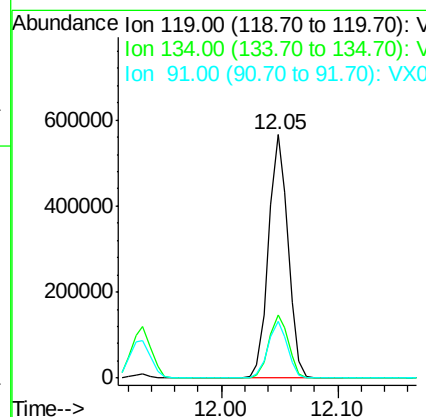
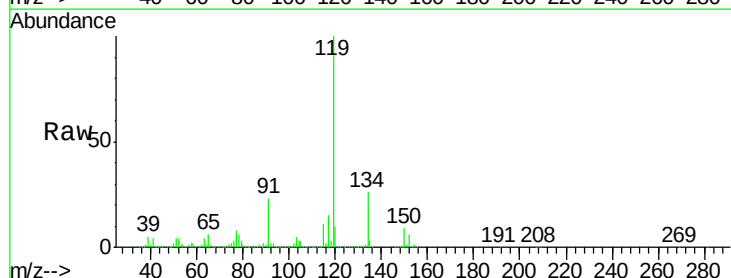
Manual Integrations
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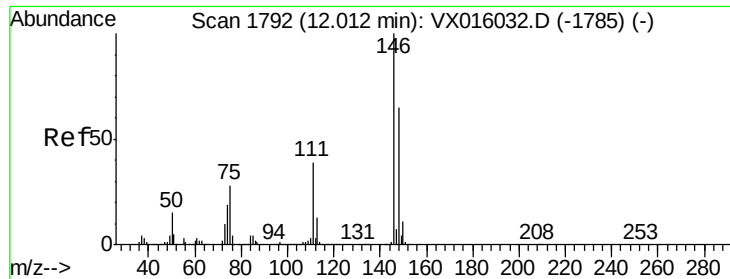
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#86
 p-Isopropyltoluene
 Concen: 47.265 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016219.D
 Acq: 14 May 2020 10:25

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.2	13.1	39.3
91	23.2	11.8	35.4





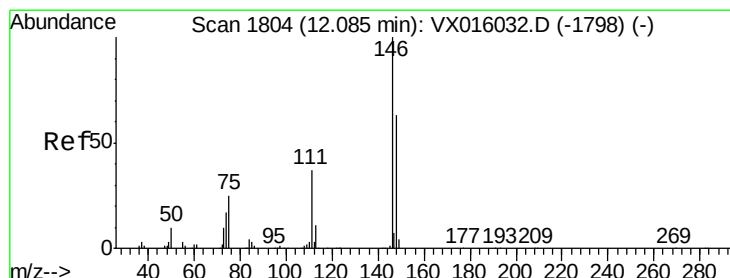
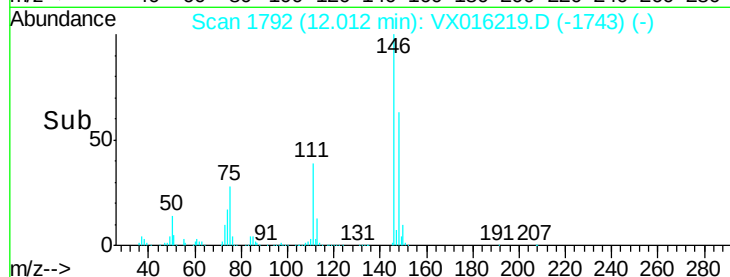
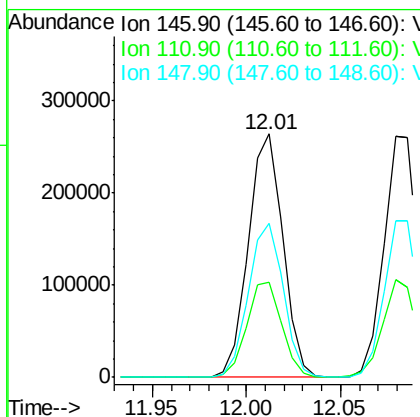
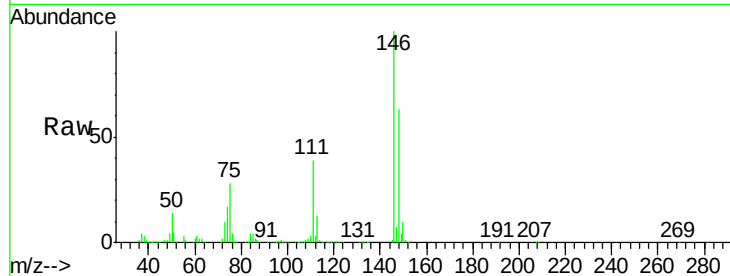
#87
 1,3-Dichlorobenzene
 Concen: 47.280 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016219.D
 Acq: 14 May 2020 10:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.2	60.6
148	63.8	32.1	96.3

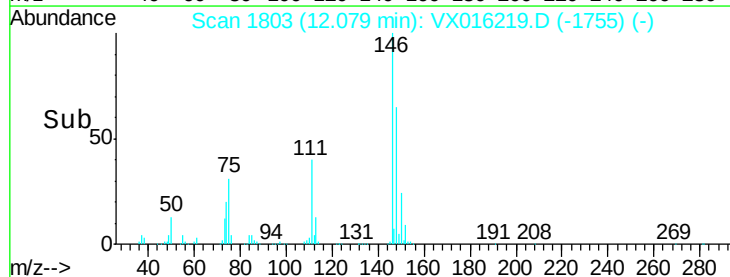
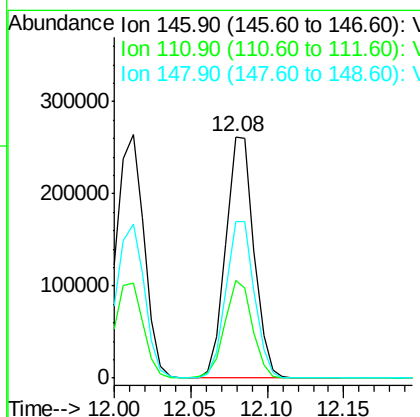
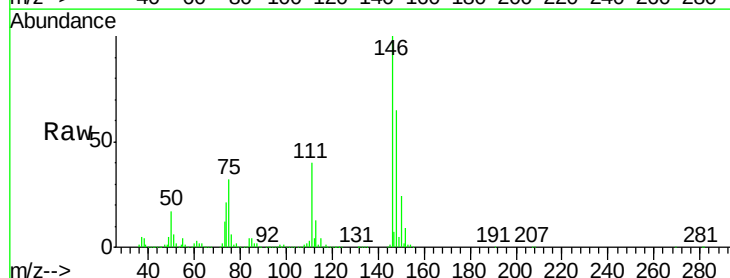
Manual Integrations
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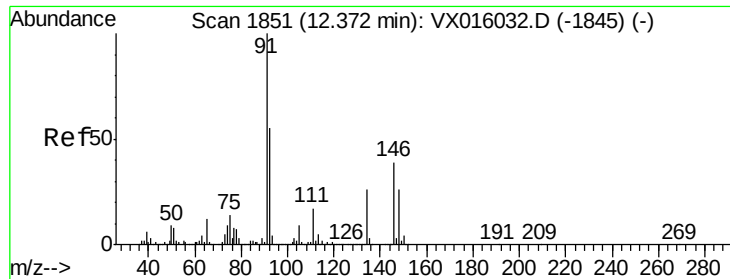
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#88
 1,4-Dichlorobenzene
 Concen: 46.332 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX016219.D
 Acq: 14 May 2020 10:25

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.6	58.7
148	65.6	31.8	95.3





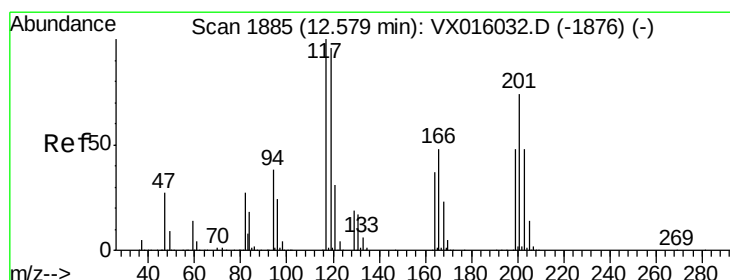
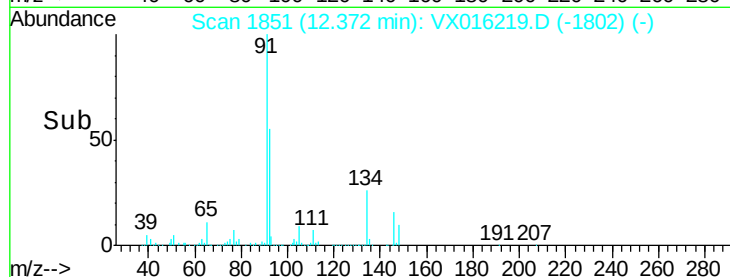
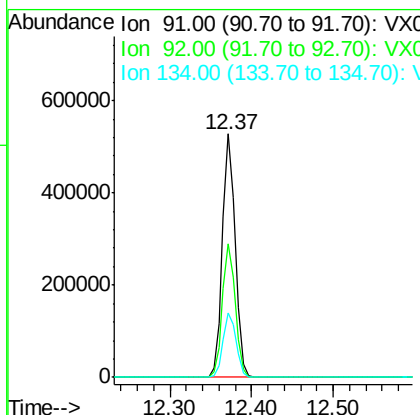
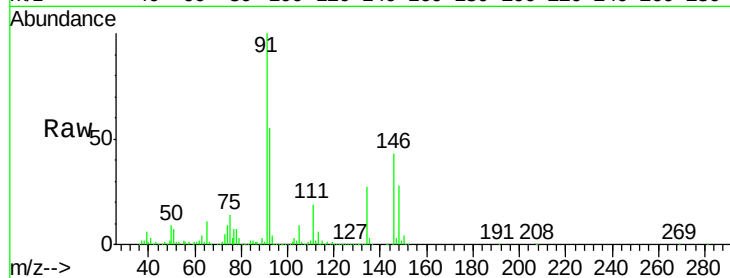
#89
n-Butylbenzene
Concen: 45.603 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016219.D
Acq: 14 May 2020 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100	583003		
92	55.2		27.6	82.7
134	26.7		13.4	40.1

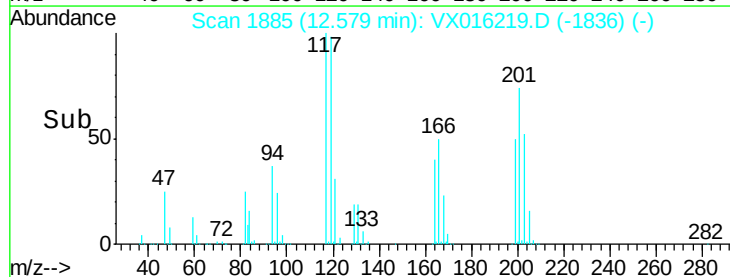
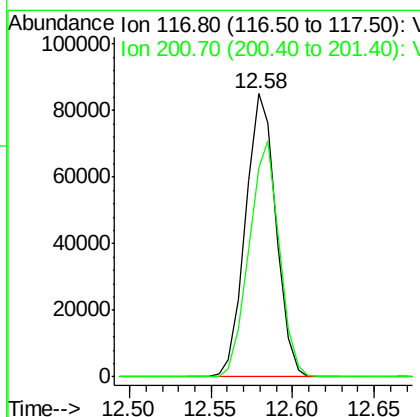
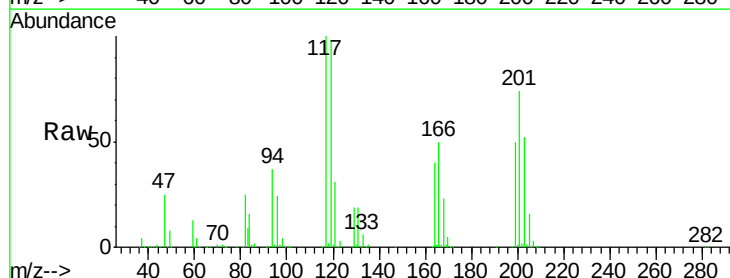
Manual Integrations
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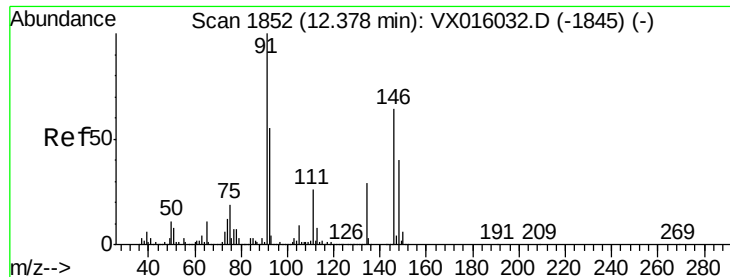
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#90
Hexachloroethane
Concen: 46.055 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016219.D
Acq: 14 May 2020 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	110686		
201	82.5		39.8	119.3





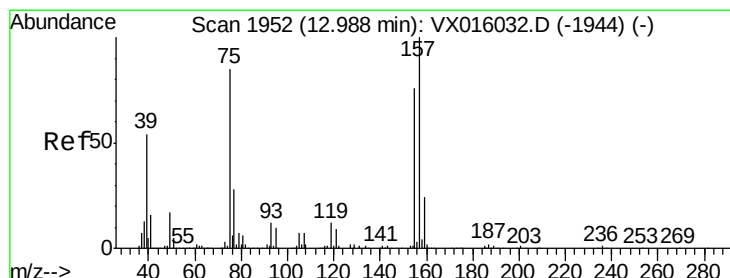
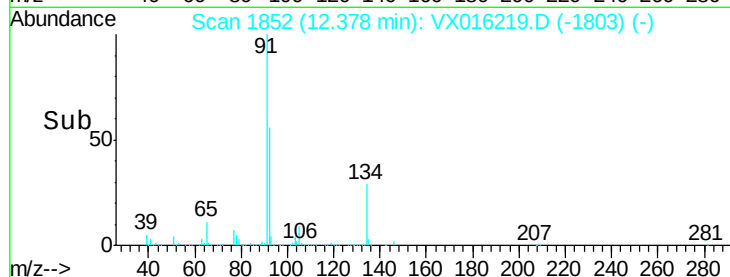
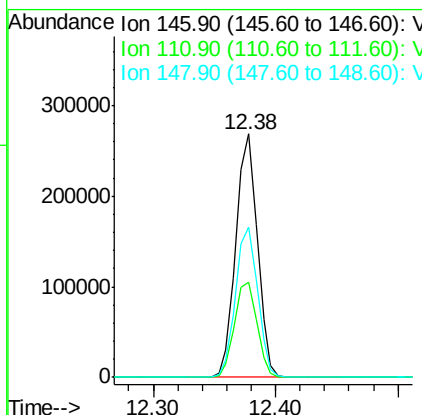
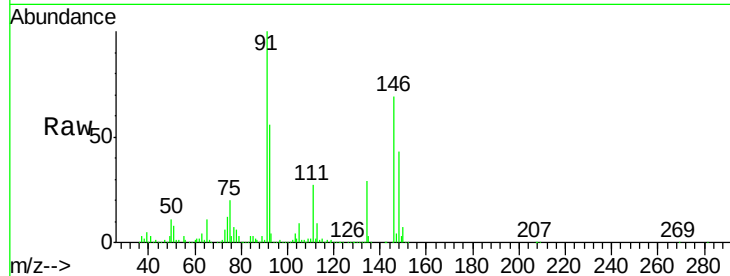
#91
 1,2-Dichlorobenzene
 Concen: 47.651 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016219.D
 Acq: 14 May 2020 10:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	326237		
111	41.0	21.1	63.1	
148	63.3	32.4	97.0	

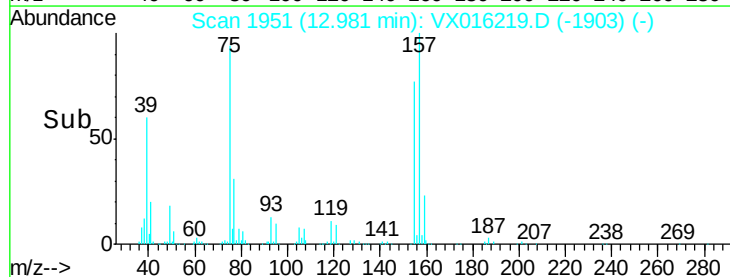
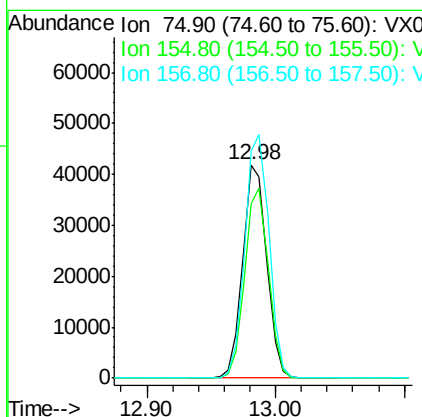
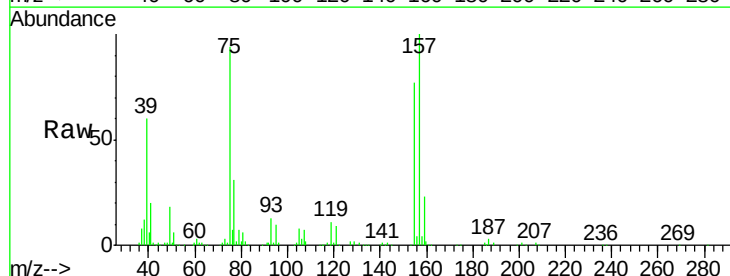
Manual Integrations
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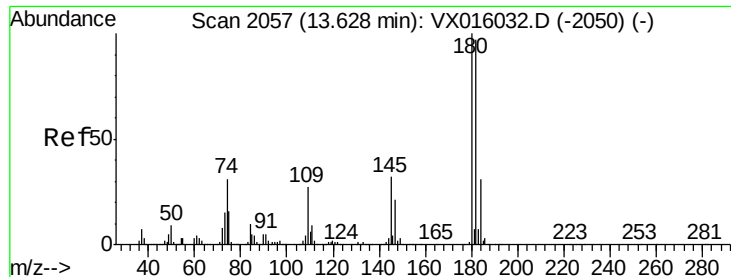
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.587 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: VX016219.D
 Acq: 14 May 2020 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	53723		
155	87.6	42.5	127.5	
157	114.3	55.3	165.8	





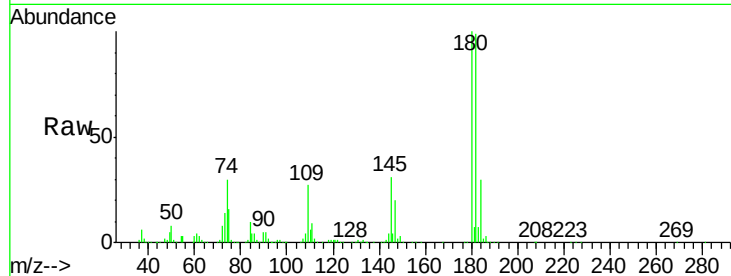
#93
1,2,4-Trichlorobenzene
Concen: 45.803 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX016219.D
Acq: 14 May 2020 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

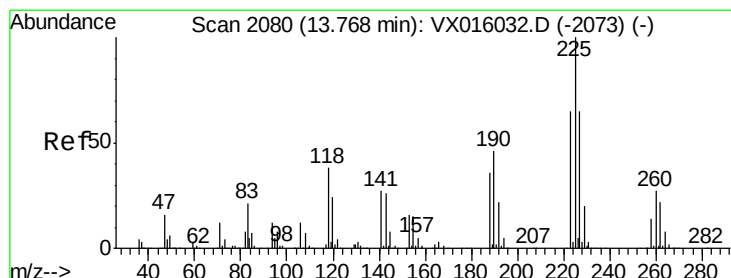
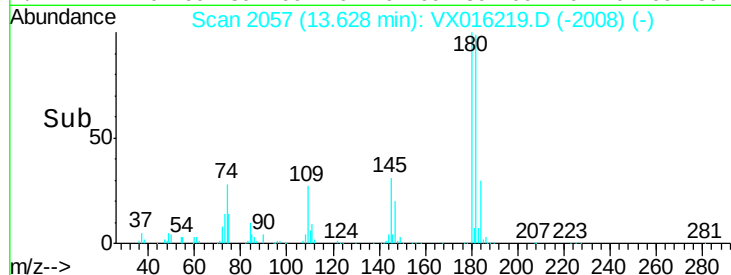
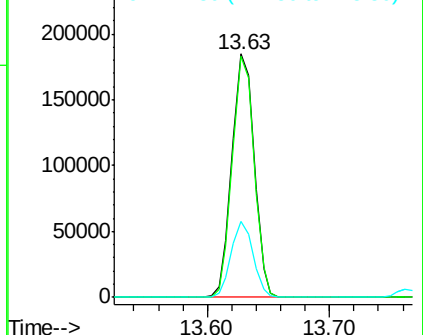
Tot Ion	Ratio	Resp	Lower	Upper
180	100	232169		
182	96.9	48.7	146.1	
145	30.5	15.7	47.1	

Manual Integrations
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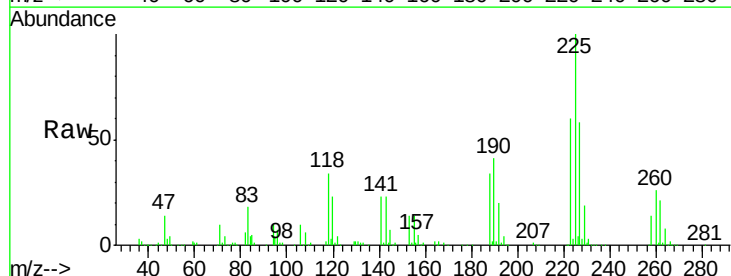


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

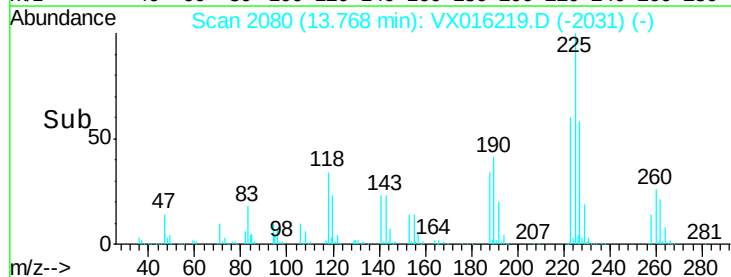
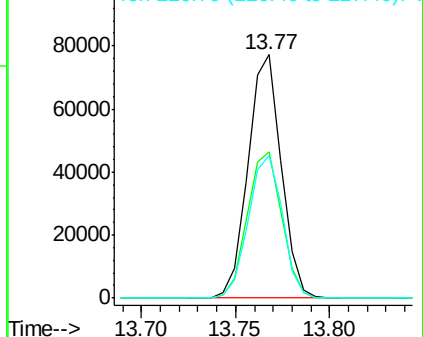


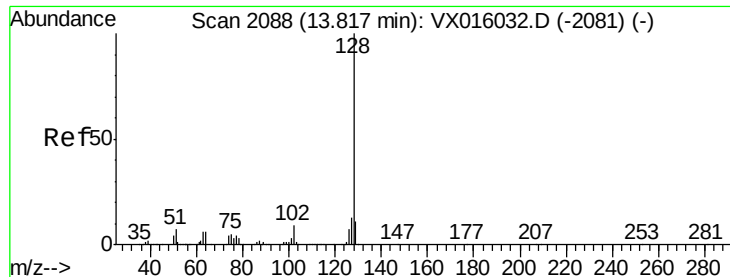
#94
Hexachlorobutadiene
Concen: 43.199 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX016219.D
Acq: 14 May 2020 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	94130		
223	62.5	32.3	96.9	
227	60.0	31.8	95.4	



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





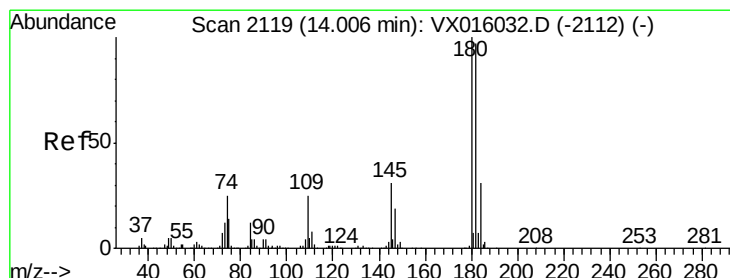
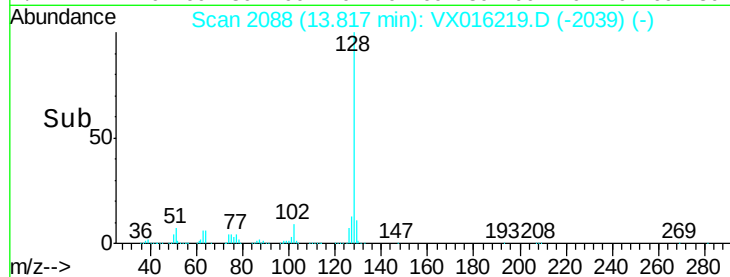
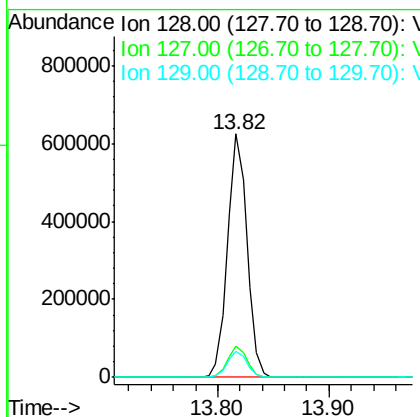
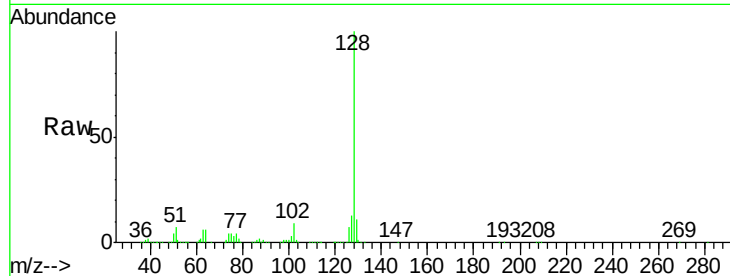
#95
Naphthalene
Concen: 46.002 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016219.D
Acq: 14 May 2020 10:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	755033		
127	12.7		10.2	15.4
129	10.9		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
5/15/2020 12:28:54 PM



#96
1,2,3-Trichlorobenzene
Concen: 46.859 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VX016219.D
Acq: 14 May 2020 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	232131		
182	91.4		48.4	145.0
145	32.0		16.4	49.1

