

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060120\
 Data File : VX016542.D
 Acq On : 01 Jun 2020 20:16
 Operator : JC/SP
 Sample : L2802-03MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW113-200527MSD

Manual Integrations
 APPROVED

MMDadoda
 6/2/2020 11:34:47 AM

Quant Time: Jun 02 03:40:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	279490	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	450215	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	409994	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	201722	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	176774	50.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.86%	
35) Dibromofluoromethane	5.47	113	142600	51.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.88%	
50) Toluene-d8	8.70	98	542010	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	
62) 4-Bromofluorobenzene	11.12	95	208928	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	137828	50.110	ug/l	96
3) Chloromethane	1.31	50	160568	48.308	ug/l	100
4) Vinyl Chloride	1.39	62	184071	52.366	ug/l	100
5) Bromomethane	1.62	94	78270	45.796	ug/l	100
6) Chloroethane	1.70	64	110877	54.074	ug/l	97
7) Trichlorofluoromethane	1.91	101	236455	51.222	ug/l	98
8) Diethyl Ether	2.17	74	102063	53.022	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	129882	51.121	ug/l	99
10) Methyl Iodide	2.49	142	122236	40.865	ug/l	97
11) Tert butyl alcohol	3.01	59	245635	275.980	ug/l	99
12) 1,1-Dichloroethene	2.36	96	141231	52.516	ug/l	97
13) Acrolein	2.27	56	119268	315.011	ug/l	97
14) Allyl chloride	2.70	41	255985	51.758	ug/l	97
15) Acrylonitrile	3.12	53	496324	272.226	ug/l	99
16) Acetone	2.42	43	423517	278.505	ug/l	98
17) Carbon Disulfide	2.55	76	410424	51.392	ug/l	100
18) Methyl Acetate	2.75	43	237506	60.895	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	518045	53.645	ug/l	99
20) Methylene Chloride	2.83	84	162606	51.683	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	155421	52.248	ug/l	95
22) Diisopropyl ether	3.82	45	495996	52.205	ug/l	97
23) Vinyl Acetate	3.78	43	2187408	263.028	ug/l	99
24) 1,1-Dichloroethane	3.67	63	282308	52.645	ug/l	100
25) 2-Butanone	4.64	43	703022	272.834	ug/l	97
26) 2,2-Dichloropropane	4.56	77	203681	46.417	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	187733	54.553	ug/l	98
28) Bromochloromethane	4.98	49	125197	50.240	ug/l	96
29) Tetrahydrofuran	5.09	42	464497	279.028	ug/l	98
30) Chloroform	5.18	83	282185	52.225	ug/l	100
31) Cyclohexane	5.55	56	234255	48.557	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	249057	50.913	ug/l	99
36) 1,1-Dichloropropene	5.77	75	210409	49.361	ug/l	98
37) Ethyl Acetate	4.79	43	255874	49.998	ug/l	98
38) Carbon Tetrachloride	5.76	117	215930	48.203	ug/l	99

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MMDadoda
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	230368	49.756	ug/l	99
40) Benzene	6.11	78	646900	50.961	ug/l	99
41) Methacrylonitrile	5.00	41	141314	50.270	ug/l	99
42) 1,2-Dichloroethane	6.17	62	224762	49.788	ug/l	99
43) Isopropyl Acetate	6.41	43	410360	51.406	ug/l	98
44) Trichloroethene	7.19	130	185524	46.064	ug/l	96
45) 1,2-Dichloropropane	7.49	63	167986	51.982	ug/l	100
46) Dibromomethane	7.64	93	111277	51.266	ug/l	98
47) Bromodichloromethane	7.88	83	231562	51.523	ug/l	98
48) Methyl methacrylate	7.74	41	200514	52.461	ug/l	97
49) 1,4-Dioxane	7.71	88	92171	1030.450	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	1331863	267.952	ug/l	98
52) Toluene	8.77	92	414890	51.830	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	267621	52.366	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	277435	51.288	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	166099	52.188	ug/l	98
56) Ethyl methacrylate	9.16	69	282375	54.476	ug/l	97
57) 1,3-Dichloropropane	9.35	76	284150	52.014	ug/l	99
59) 2-Hexanone	9.48	43	1045956	270.597	ug/l	98
60) Dibromochloromethane	9.57	129	187591	52.375	ug/l	100
61) 1,2-Dibromoethane	9.65	107	178009	52.229	ug/l	100
64) Tetrachloroethene	9.32	164	181151	39.493	ug/l	97
65) Chlorobenzene	10.12	112	429577	51.393	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	162662	50.980	ug/l	99
67) Ethyl Benzene	10.24	91	754709	50.713	ug/l	99
68) m/p-Xylenes	10.34	106	568569	103.043	ug/l	100
69) o-Xylene	10.68	106	274599	51.387	ug/l	98
70) Styrene	10.70	104	488004	53.130	ug/l	99
71) Bromoform	10.84	173	145081	53.802	ug/l #	97
73) Isopropylbenzene	11.00	105	721312	51.607	ug/l	100
74) N-amyl acetate	10.88	43	352842	54.883	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	231142	65.986	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	240816m	54.312	ug/l	
77) Bromobenzene	11.24	156	189112	51.587	ug/l	100
78) n-propylbenzene	11.35	91	808966	51.806	ug/l	100
79) 2-Chlorotoluene	11.40	91	494900	51.922	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	607762	52.077	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	93735	52.002	ug/l	98
82) 4-Chlorotoluene	11.49	91	584563	51.935	ug/l	100
83) tert-Butylbenzene	11.76	119	559417	56.099	ug/l	95
84) 1,2,4-Trimethylbenzene	11.79	105	619467	52.486	ug/l	99
85) sec-Butylbenzene	11.93	105	654683	52.335	ug/l	100
86) p-Isopropyltoluene	12.05	119	620431	52.946	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	331218	52.151	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	332896	51.250	ug/l	98
89) n-Butylbenzene	12.37	91	526365	53.929	ug/l	99
90) Hexachloroethane	12.58	117	106753	52.742	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	320147	52.029	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	61124	53.872	ug/l	99
93) 1,2,4-Trichlorobenzene	13.63	180	207607	50.802	ug/l	98

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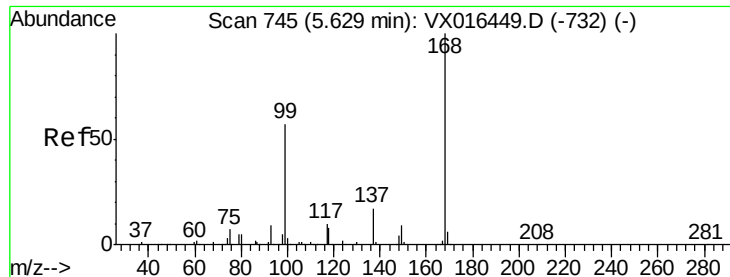
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	78664	49.028	ug/l	97
95) Naphthalene	13.82	128	679725	48.520	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	194340	48.541	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX016542.D

Acq: 01 Jun 2020 20:16

Instrument :

MSVOA_X

ClientSampleId :

SS050MW113-200527MSD

Tot Ion:168 Resp: 279490

Ion Ratio Lower Upper

168 100

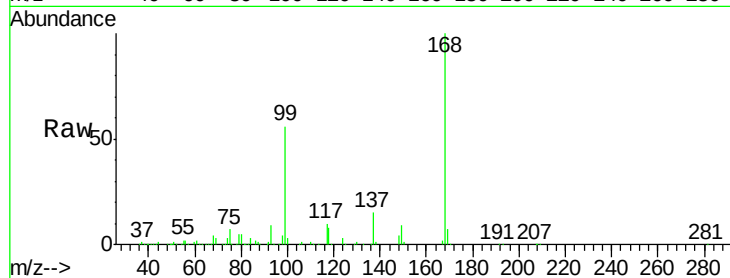
99 55.8 45.2 67.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

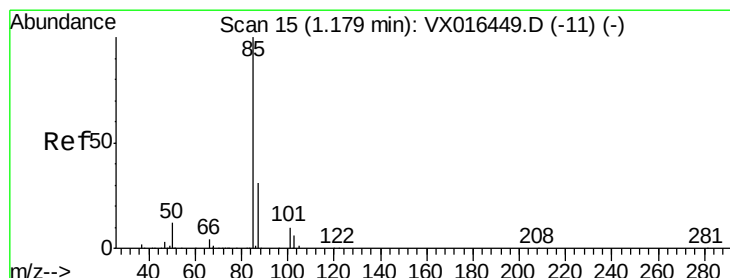
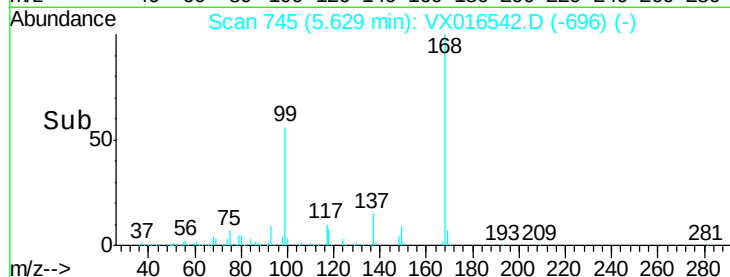
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 50.110 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.01 min

Lab File: VX016542.D

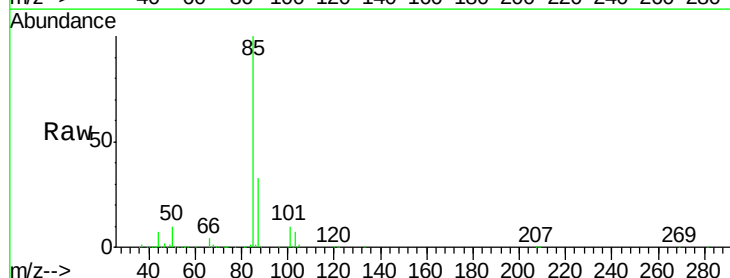
Acq: 01 Jun 2020 20:16

Tgt Ion: 85 Resp: 137828

Ion Ratio Lower Upper

85 100

87 33.2 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

150000

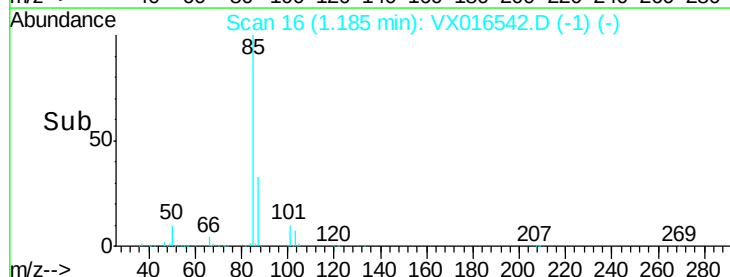
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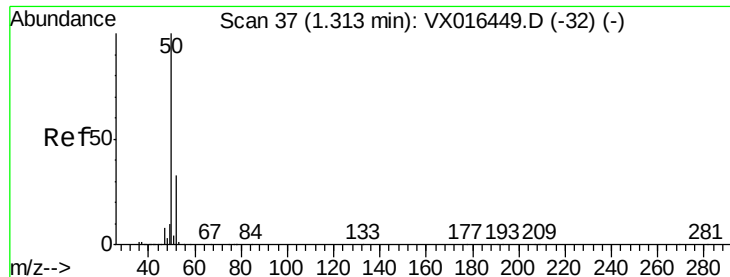
50000

0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 48.308 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX016542.D

Acq: 01 Jun 2020 20:16

Instrument :

MSVOA_X

ClientSampleId :

SS050MW113-200527MSD

Tot Ion: 50 Resp: 160568

Ion Ratio Lower Upper

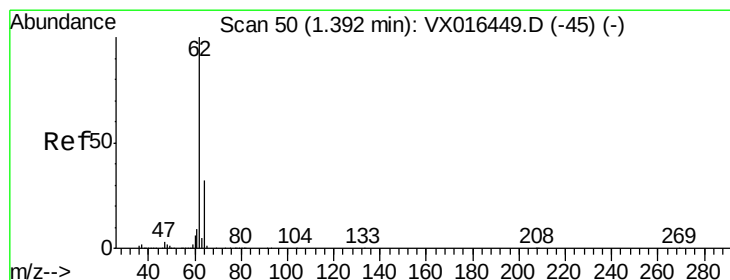
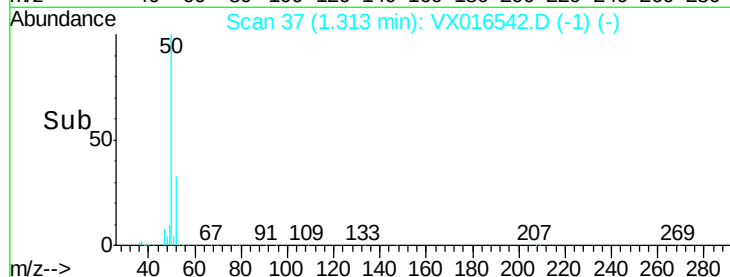
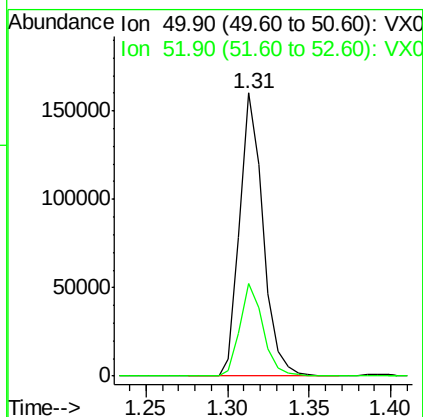
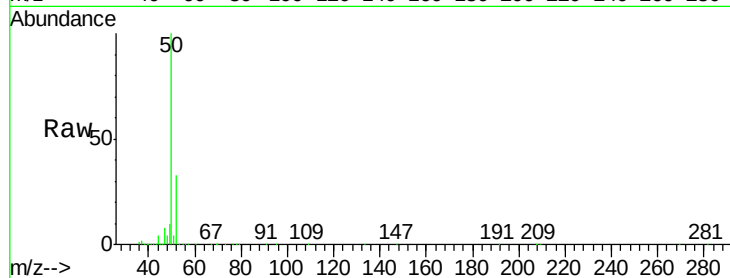
50 100

52 32.7 26.2 39.2

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#4

Vinyl Chloride

Concen: 52.366 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016542.D

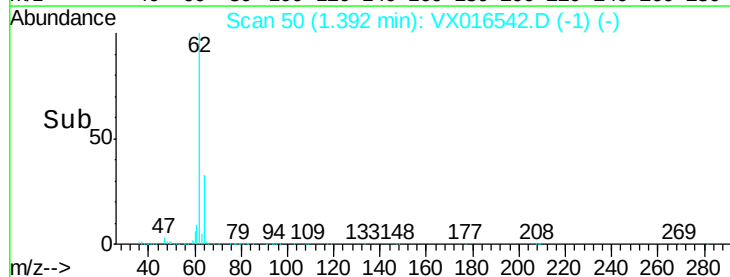
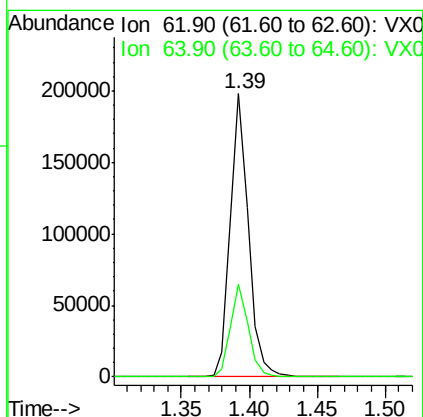
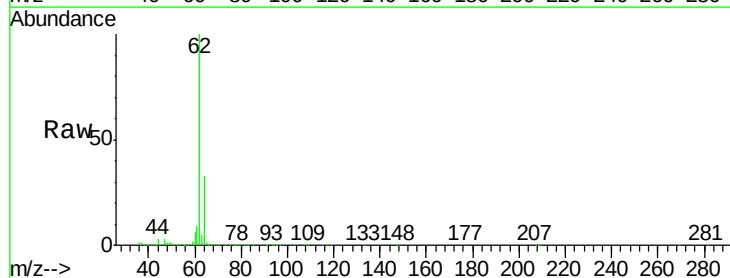
Acq: 01 Jun 2020 20:16

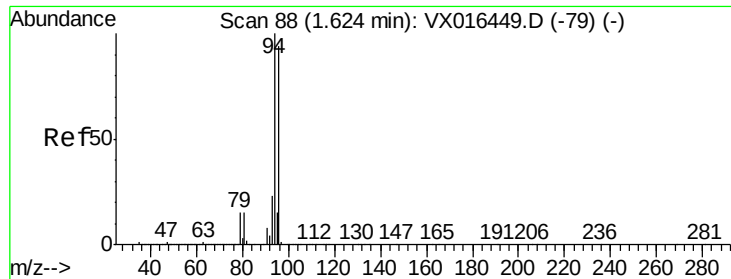
Tgt Ion: 62 Resp: 184071

Ion Ratio Lower Upper

62 100

64 32.6 25.9 38.9





#5

Bromomethane

Concen: 45.796 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX016542.D

Acq: 01 Jun 2020 20:16

Instrument :

MSVOA_X

ClientSampleId :

SS050MW113-200527MSD

Tot Ion: 94 Resp: 78270

Ion Ratio Lower Upper

94 100

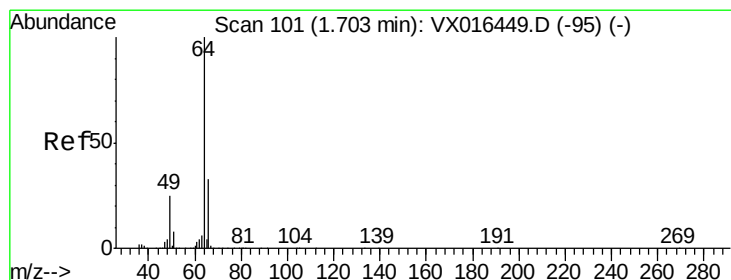
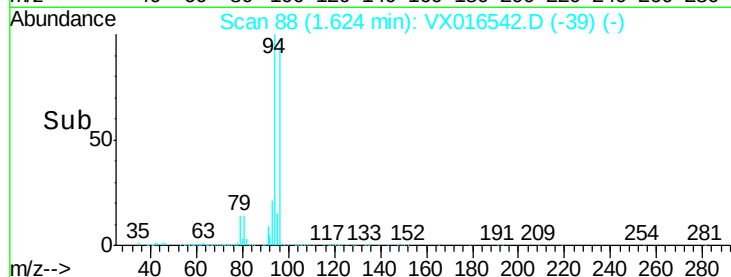
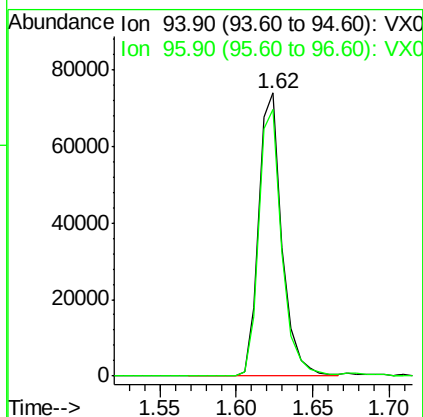
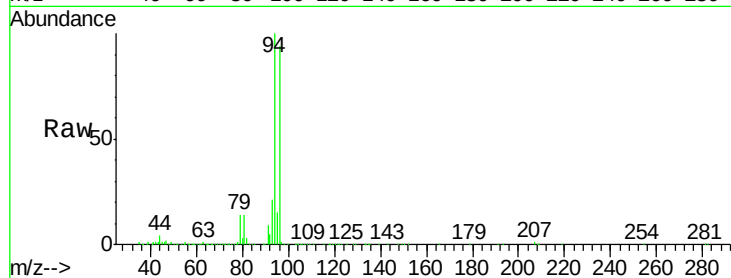
96 94.1 75.1 112.7

Manual Integrations

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#6

Chloroethane

Concen: 54.074 ug/l

RT: 1.70 min Scan# 101

Delta R.T. 0.00 min

Lab File: VX016542.D

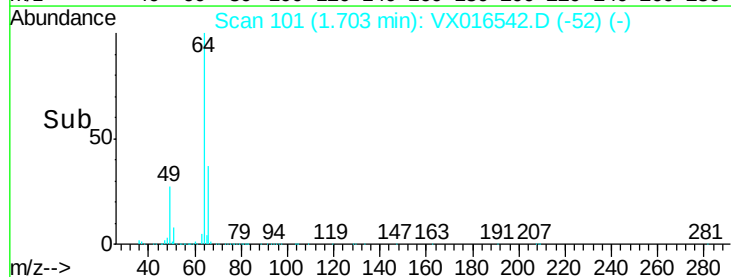
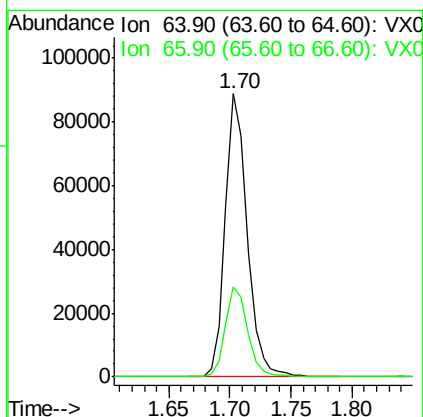
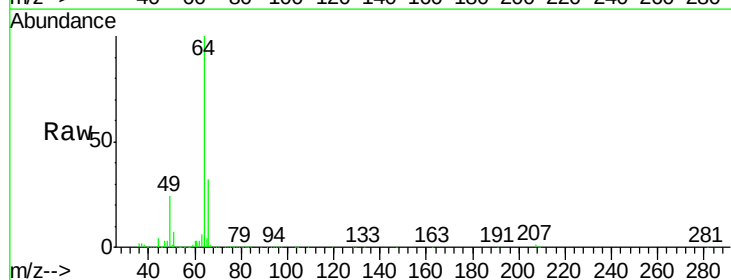
Acq: 01 Jun 2020 20:16

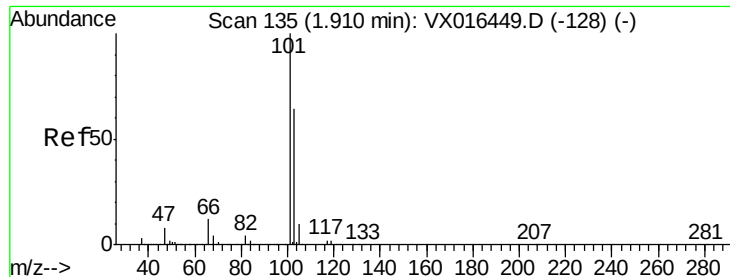
Tgt Ion: 64 Resp: 110877

Ion Ratio Lower Upper

64 100

66 31.8 26.7 40.1





#7

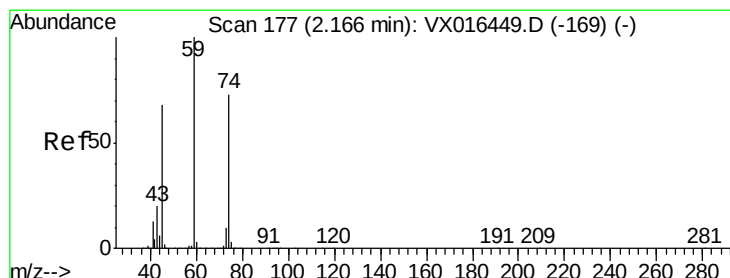
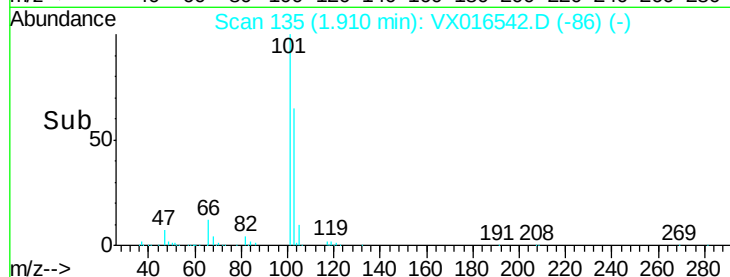
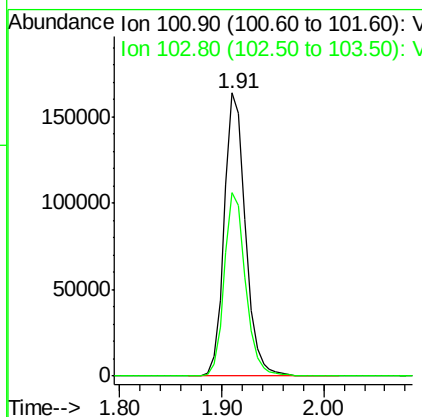
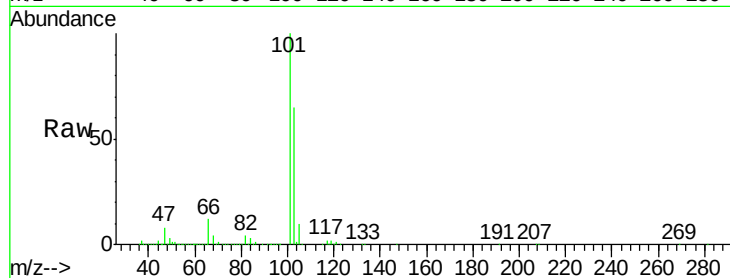
Trichlorofluoromethane
Concen: 51.222 ug/l
RT: 1.91 min Scan# 135
Delta R.T. 0.00 min
Lab File: VX016542.D
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Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.9	50.9	76.3

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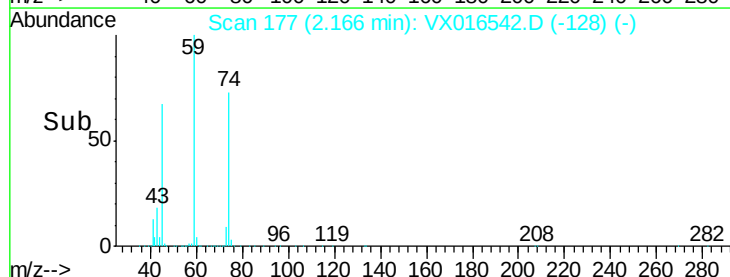
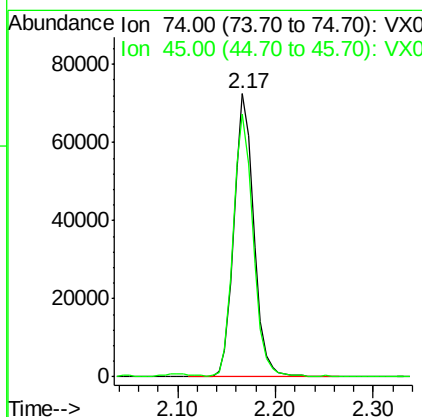
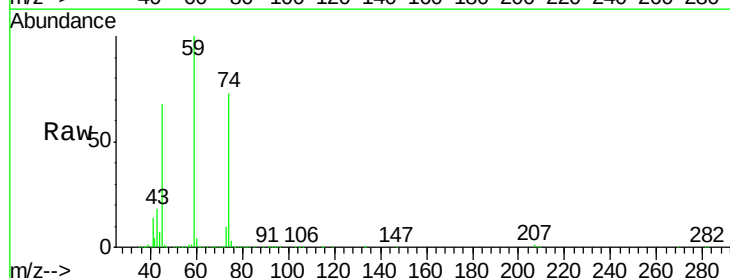
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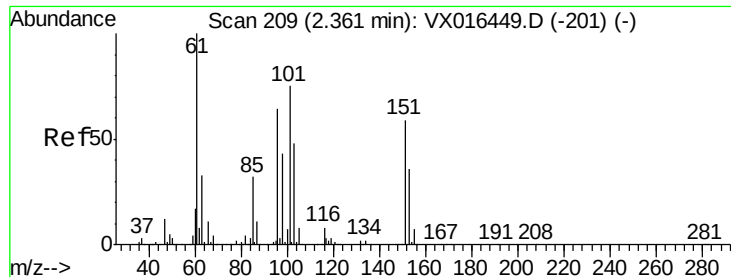


#8

Diethyl Ether
Concen: 53.022 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX016542.D
Acq: 01 Jun 2020 20:16

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.7	47.5	142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.121 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX016542.D

Acq: 01 Jun 2020 20:16

Instrument :

MSVOA_X

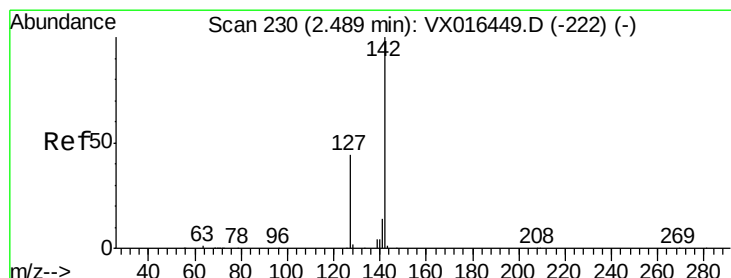
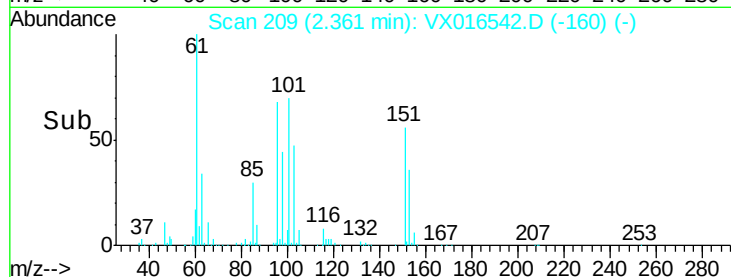
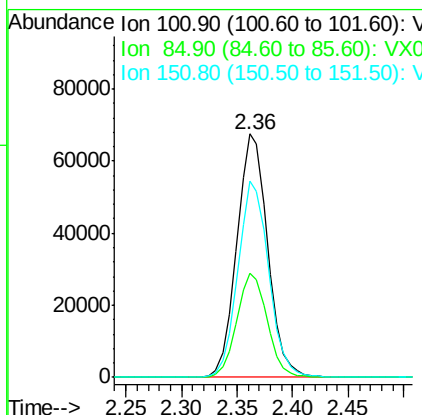
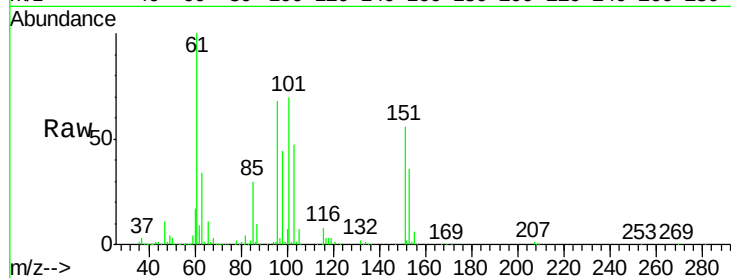
ClientSampleId :

SS050MW113-200527MSD

Tot Ion:	101	Resp:	129882
Ion Ratio	Lower	Upper	
101	100		
85	42.2	34.4	51.6
151	80.4	63.8	95.6

Manual Integrations
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#10

Methyl Iodide

Concen: 40.865 ug/l

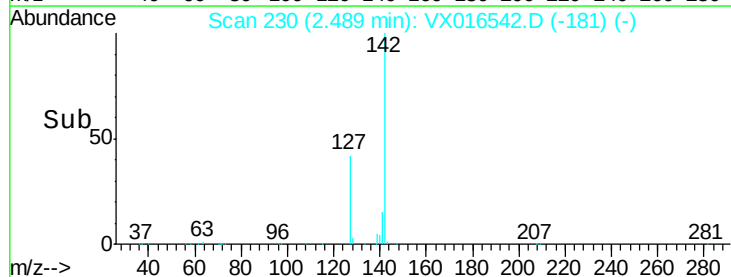
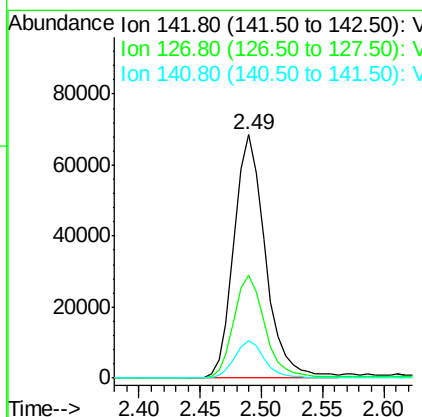
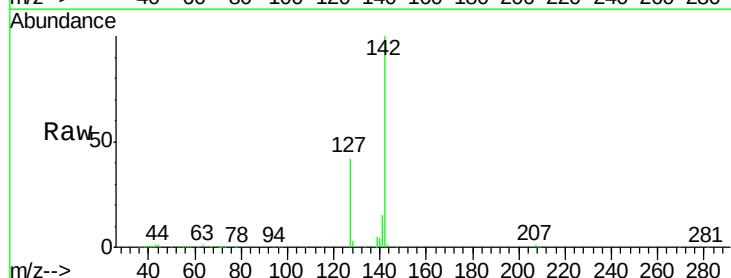
RT: 2.49 min Scan# 230

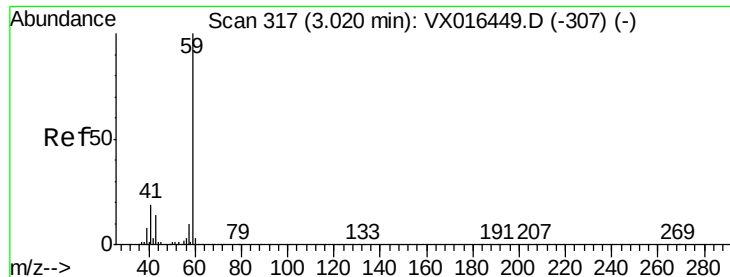
Delta R.T. 0.00 min

Lab File: VX016542.D

Acq: 01 Jun 2020 20:16

Tgt Ion:	142	Resp:	122236
Ion Ratio	Lower	Upper	
142	100		
127	42.1	35.3	52.9
141	14.6	11.4	17.2





#11

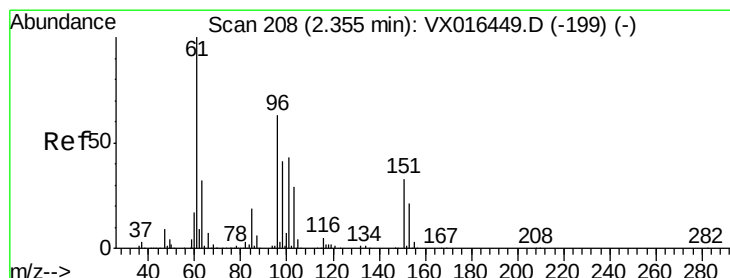
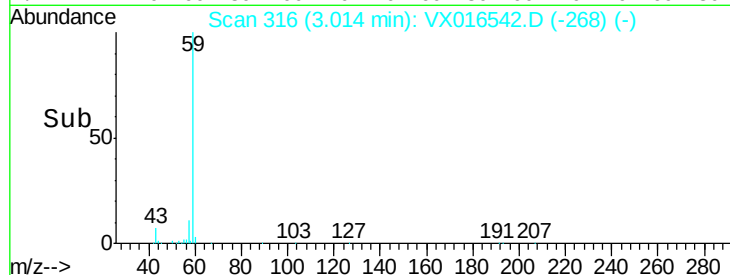
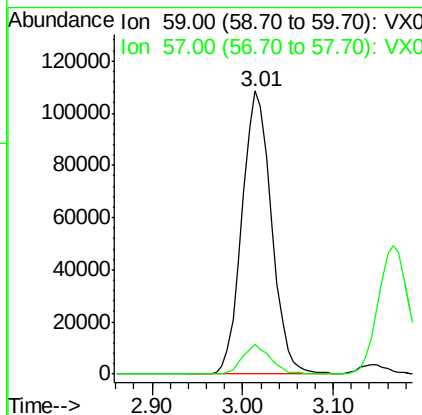
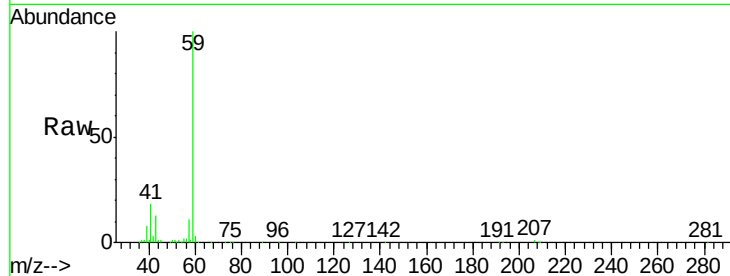
Tert butyl alcohol
Concen: 275.980 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX016542.D
Acq: 01 Jun 2020 20:16

Instrument :
MSVOA_X
ClientSampleId :
SS050MW113-200527MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.2	12.4

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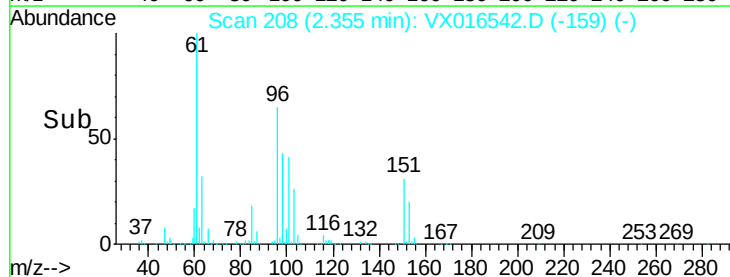
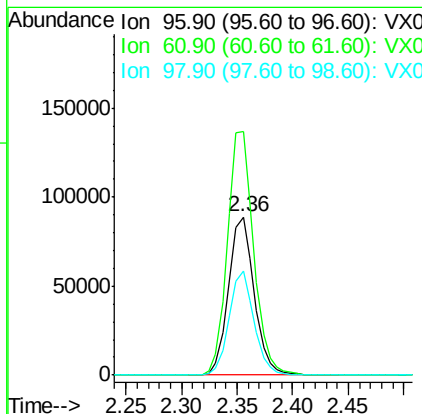
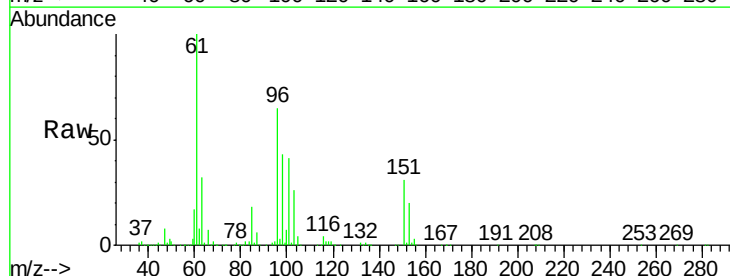
MMDadoda
6/2/2020 11:34:47 AM

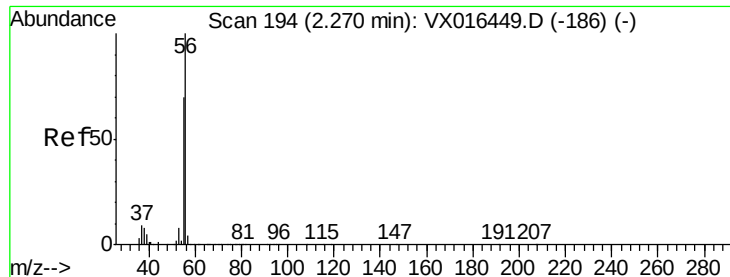


#12

1,1-Dichloroethene
Concen: 52.516 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX016542.D
Acq: 01 Jun 2020 20:16

Tgt Ion	Ratio	Lower	Upper
96	100		
61	153.9	126.6	189.8
98	65.6	51.3	76.9





#13

Acrolein

Concen: 315.011 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016542.D

Acq: 01 Jun 2020 20:16

Instrument :

MSVOA_X

ClientSampleId :

SS050MW113-200527MSD

Tot Ion: 56 Resp: 119268

Ion Ratio Lower Upper

56 100

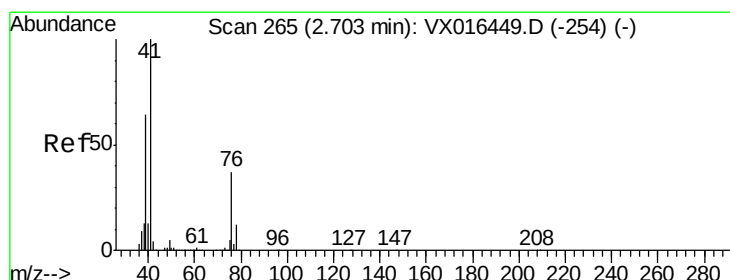
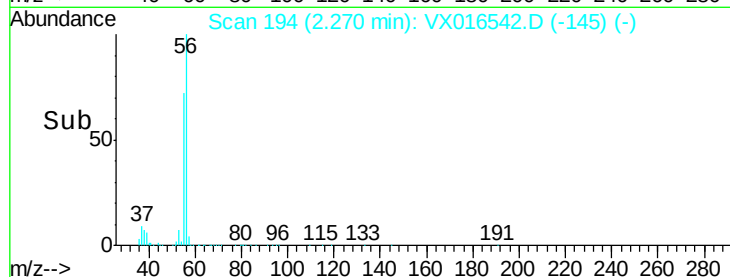
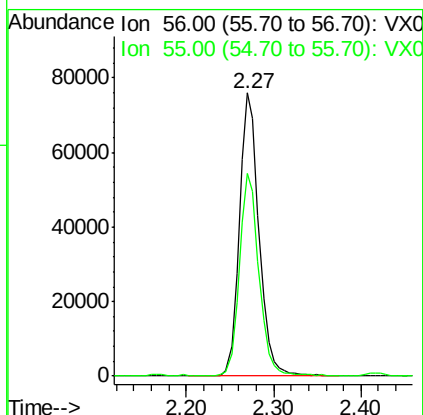
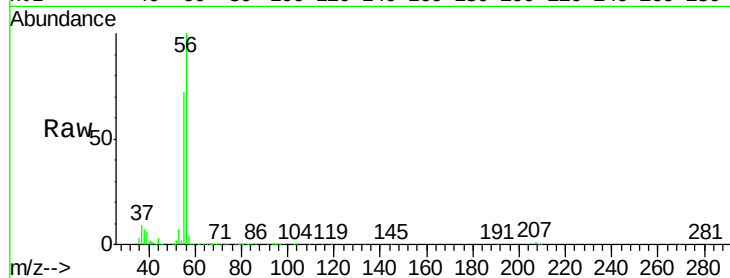
55 70.6 58.3 87.5

Manual Integrations

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#14

Allyl chloride

Concen: 51.758 ug/l

RT: 2.70 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX016542.D

Acq: 01 Jun 2020 20:16

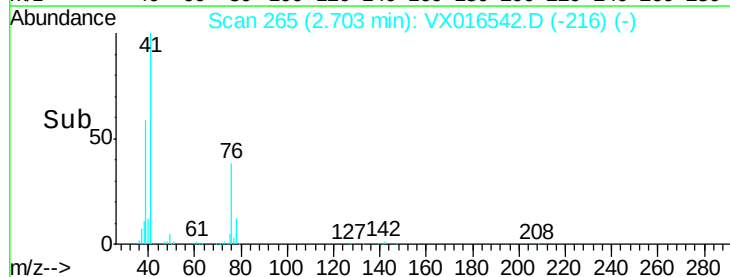
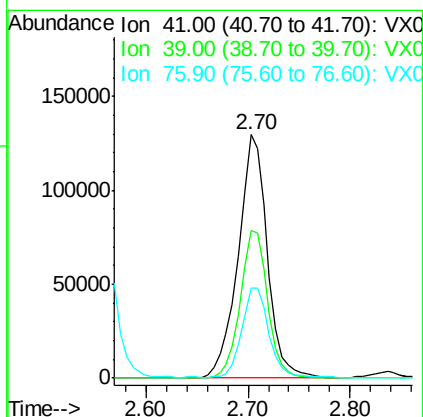
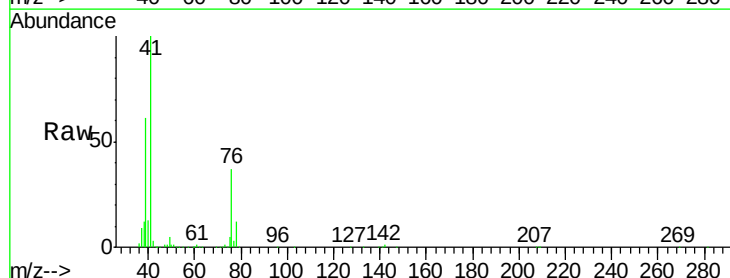
Tgt Ion: 41 Resp: 255985

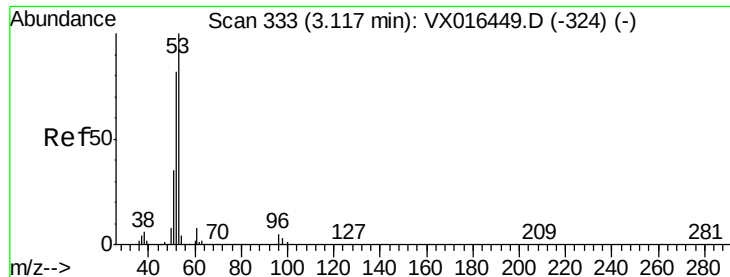
Ion Ratio Lower Upper

41 100

39 57.0 47.7 71.5

76 34.0 26.6 40.0





#15

Acrylonitrile

Concen: 272.226 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX016542.D

Acq: 01 Jun 2020 20:16

Instrument :

MSVOA_X

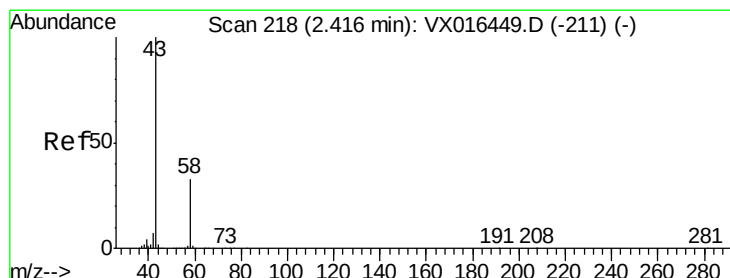
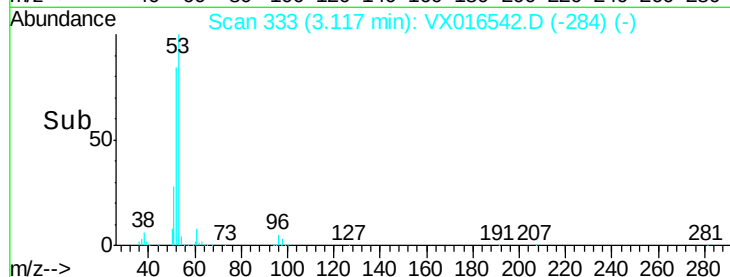
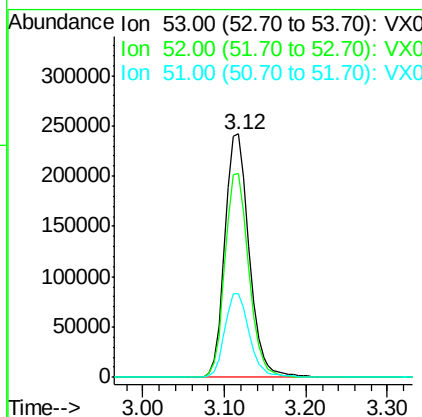
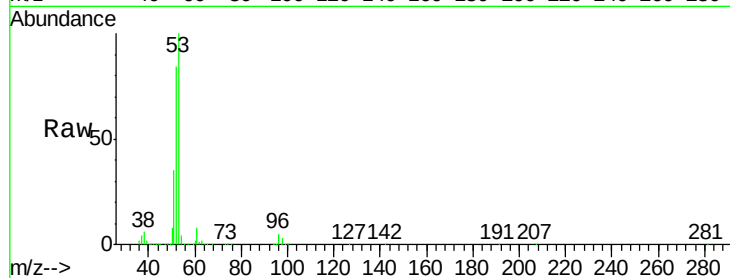
ClientSampleId :

SS050MW113-200527MSD

Tot Ion:	53	Resp:	496324
Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.7	100.1
51	35.2	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 278.505 ug/l

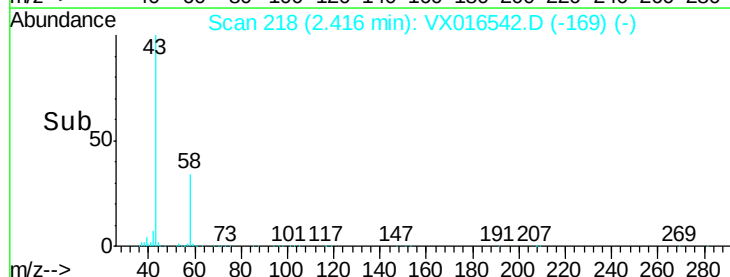
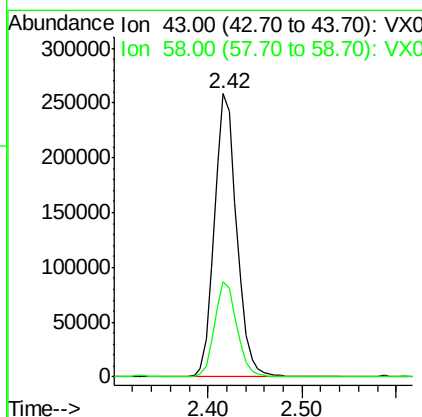
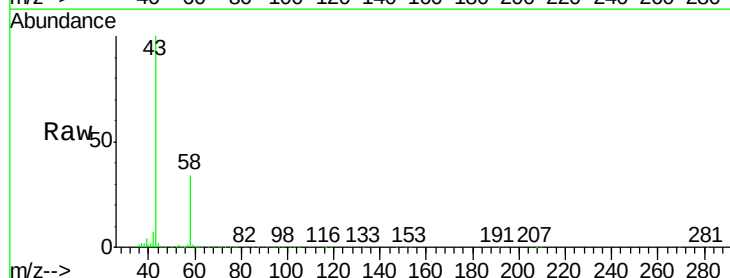
RT: 2.42 min Scan# 218

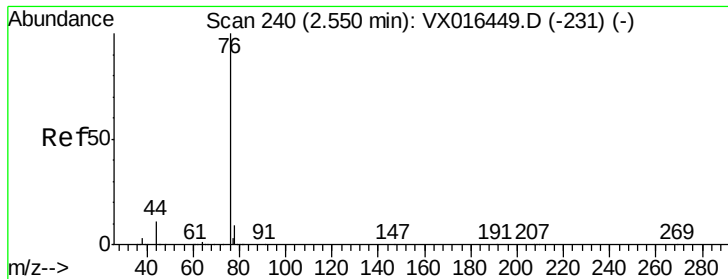
Delta R.T. 0.00 min

Lab File: VX016542.D

Acq: 01 Jun 2020 20:16

Tgt Ion:	43	Resp:	423517
Ion	Ratio	Lower	Upper
43	100		
58	33.8	26.1	39.1





#17

Carbon Disulfide

Concen: 51.392 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016542.D

Acq: 01 Jun 2020 20:16

Instrument :

MSVOA_X

ClientSampleId :

SS050MW113-200527MSD

Tot Ion: 76 Resp: 410424

Ion Ratio Lower Upper

76 100

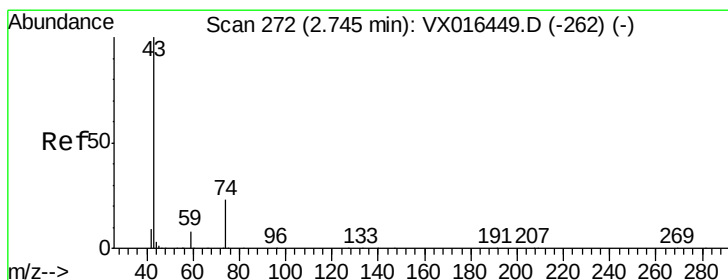
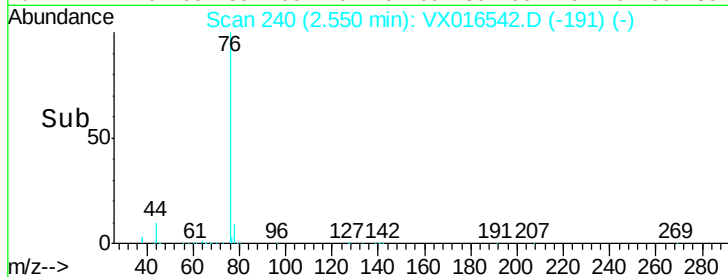
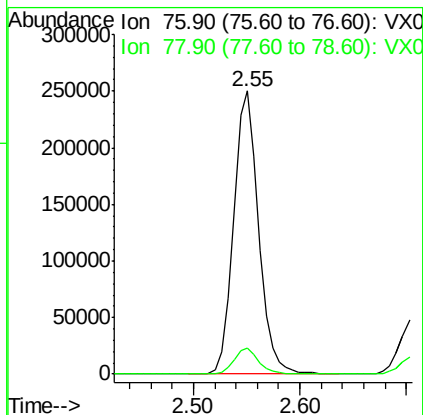
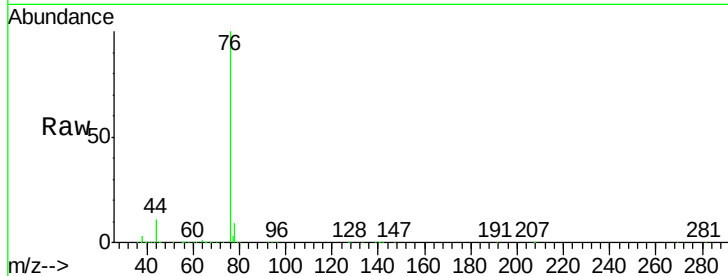
78 9.2 7.4 11.0

Manual Integrations

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#18

Methyl Acetate

Concen: 60.895 ug/l

RT: 2.75 min Scan# 272

Delta R.T. 0.00 min

Lab File: VX016542.D

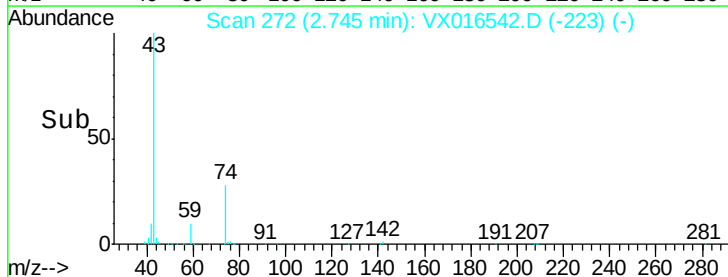
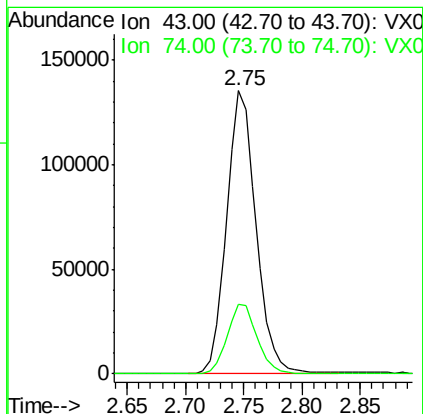
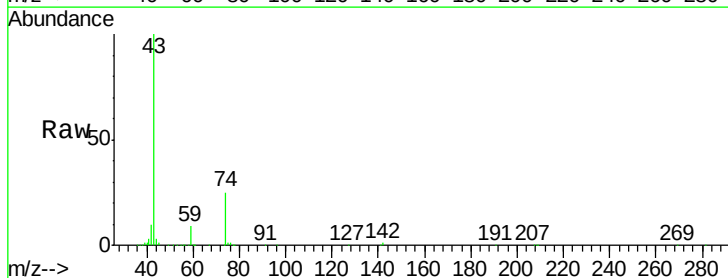
Acq: 01 Jun 2020 20:16

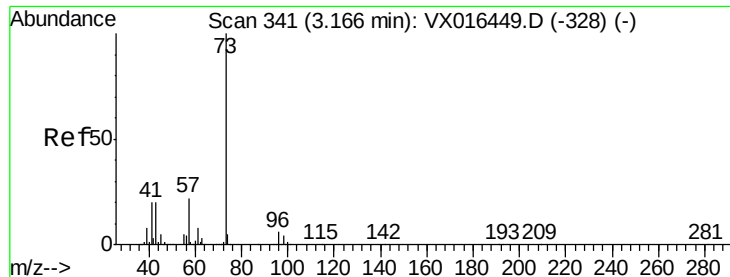
Tgt Ion: 43 Resp: 237506

Ion Ratio Lower Upper

43 100

74 25.4 19.7 29.5





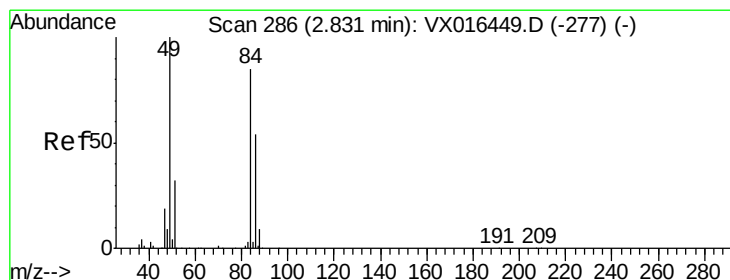
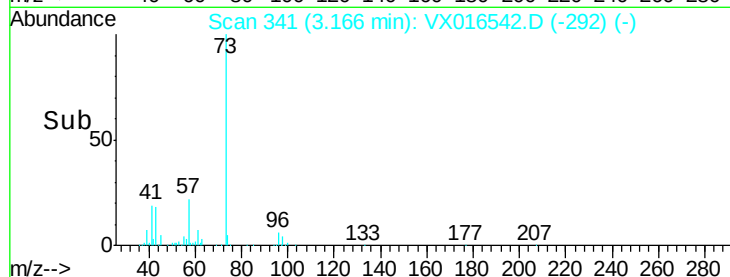
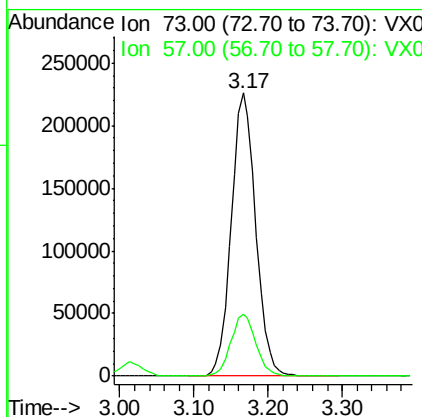
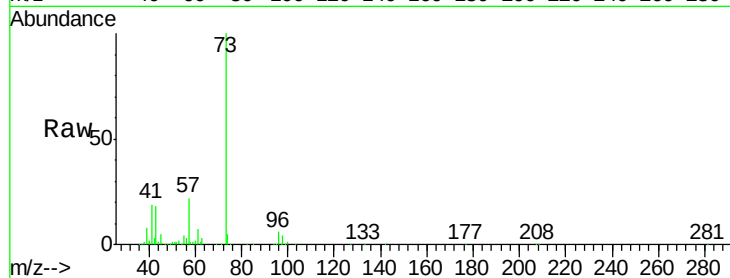
#19
Methyl tert-butyl Ether
Concen: 53.645 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX016542.D
Acq: 01 Jun 2020 20:16

Instrument :
MSVOA_X
ClientSampleId :
SS050MW113-200527MSD

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.8	17.8	26.6

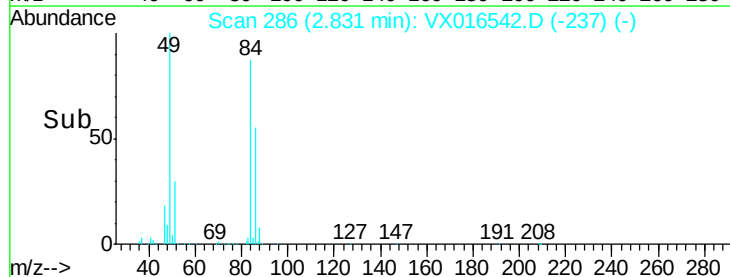
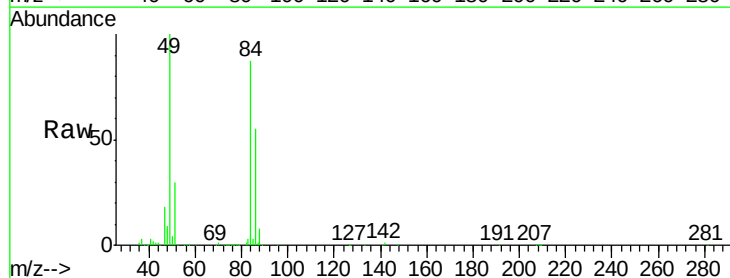
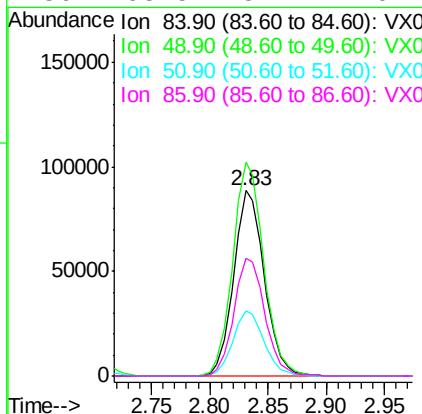
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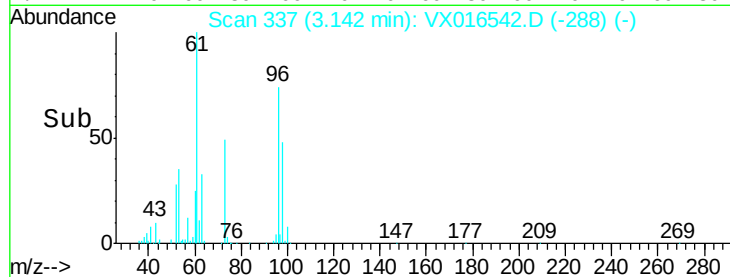
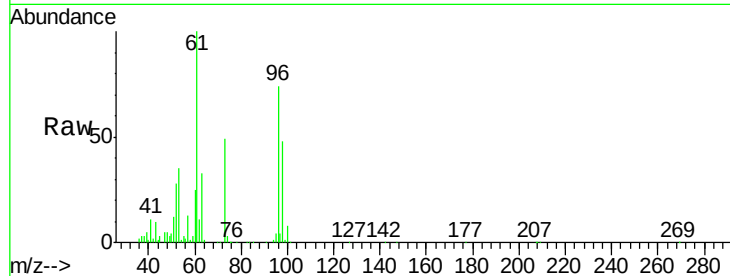
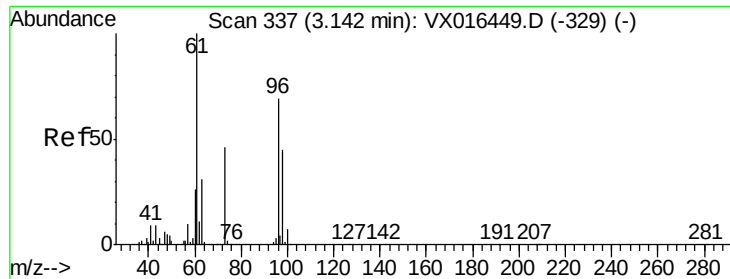
MMDadoda
6/2/2020 11:34:47 AM



#20
Methylene Chloride
Concen: 51.683 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX016542.D
Acq: 01 Jun 2020 20:16

Tgt Ion	Ratio	Lower	Upper
84	100		
49	115.4	94.5	141.7
51	35.0	30.2	45.4
86	63.5	51.1	76.7





#21

trans-1,2-Dichloroethene

Concen: 52.248 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016542.D

Acq: 01 Jun 2020 20:16

Tot Ion:	96	Resp:	155421
Ion Ratio	Lower	Upper	
96	100		
61	134.5	115.3	172.9
98	64.6	51.9	77.9

Instrument :

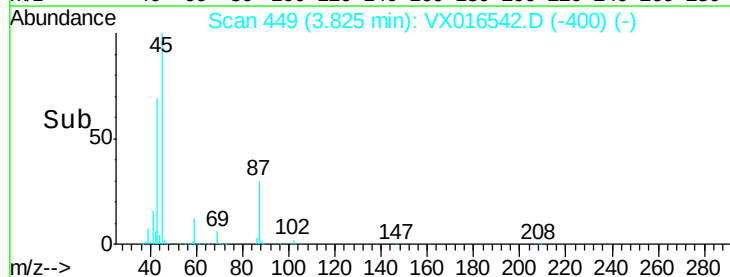
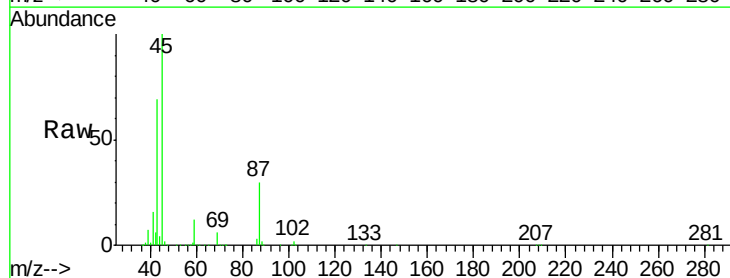
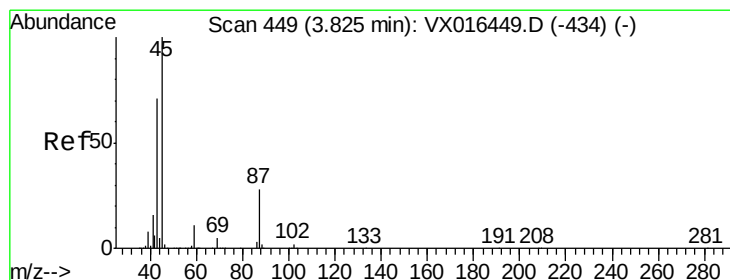
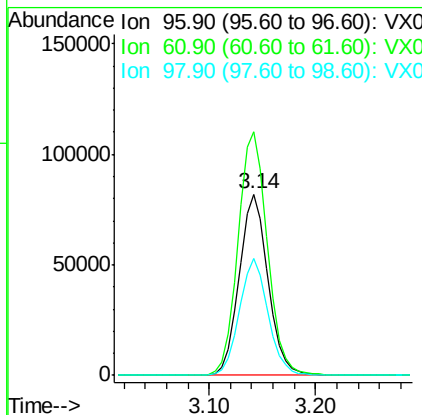
MSVOA_X

ClientSampleId :

SS050MW113-200527MSD

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#22

Diisopropyl ether

Concen: 52.205 ug/l

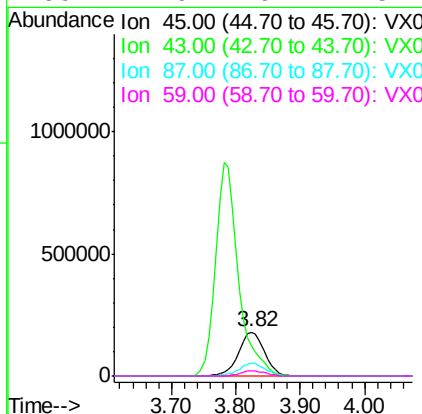
RT: 3.82 min Scan# 449

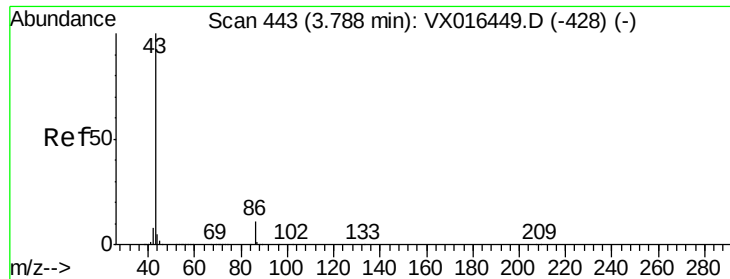
Delta R.T. 0.00 min

Lab File: VX016542.D

Acq: 01 Jun 2020 20:16

Tgt Ion:	45	Resp:	495996
Ion Ratio	Lower	Upper	
45	100		
43	68.7	57.0	85.6
87	30.1	22.5	33.7
59	11.9	9.1	13.7





#23

Vinyl Acetate

Concen: 263.028 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016542.D

Acq: 01 Jun 2020 20:16

Instrument :

MSVOA_X

ClientSampleId :

SS050MW113-200527MSD

Tot Ion: 43 Resp: 2187408

Ion Ratio Lower Upper

43 100

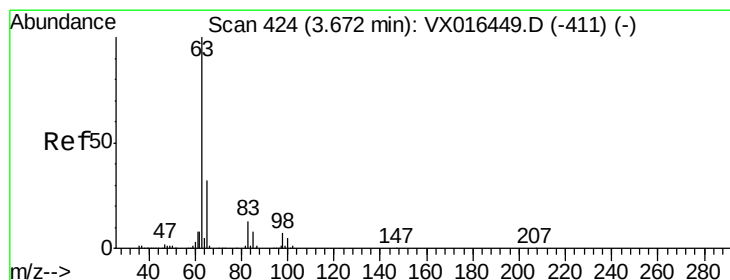
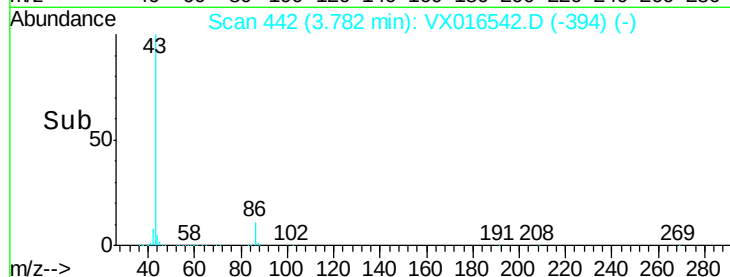
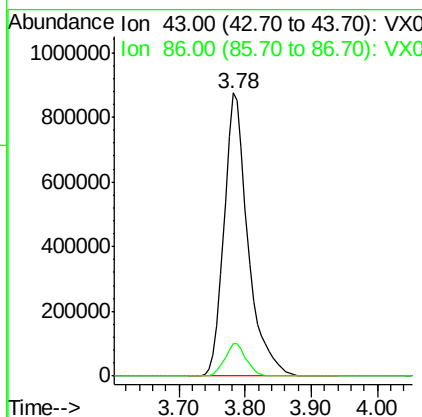
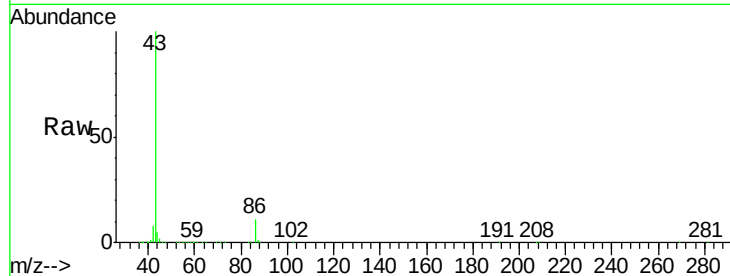
86 11.3 8.6 13.0

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#24

1,1-Dichloroethane

Concen: 52.645 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016542.D

Acq: 01 Jun 2020 20:16

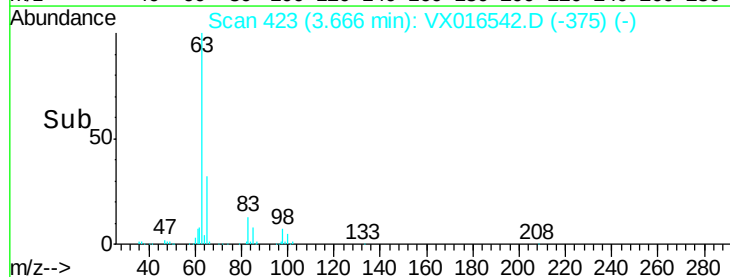
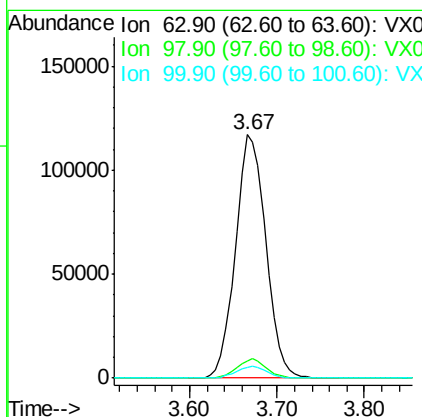
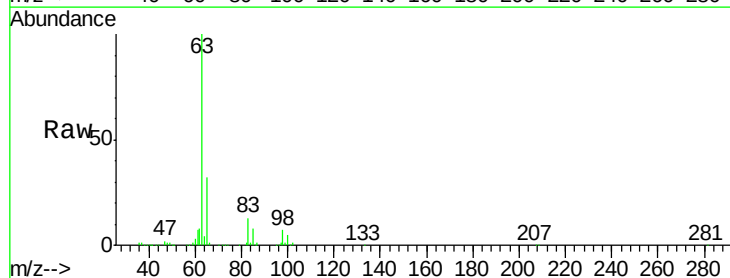
Tgt Ion: 63 Resp: 282308

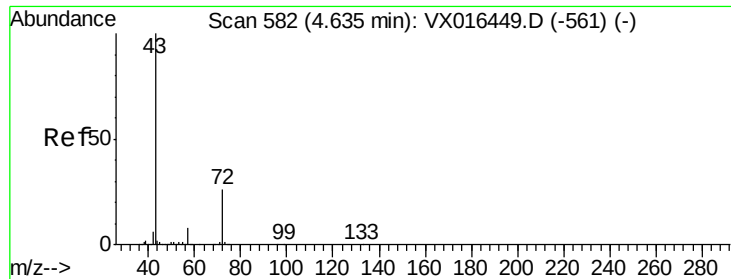
Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.9

100 4.5 2.4 7.1





#25

2-Butanone

Concen: 272.834 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX016542.D

Acq: 01 Jun 2020 20:16

Instrument :

MSVOA_X

ClientSampleId :

SS050MW113-200527MSD

Tot Ion: 43 Resp: 703022

Ion Ratio Lower Upper

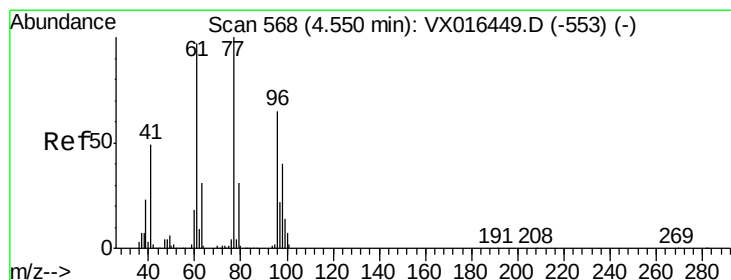
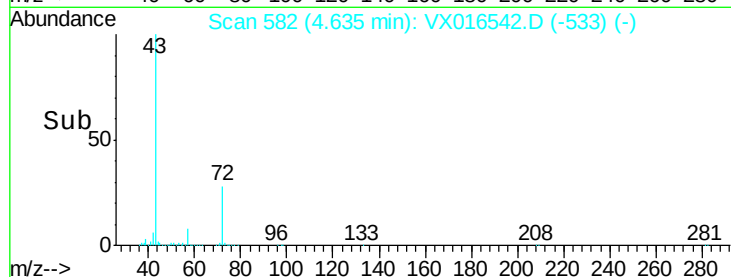
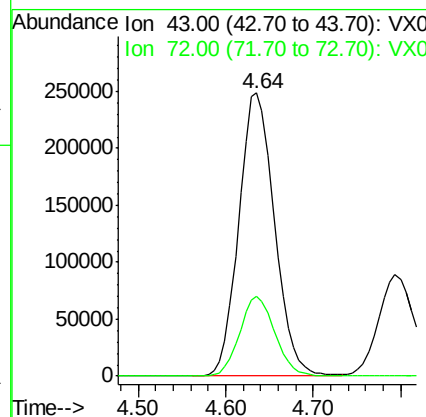
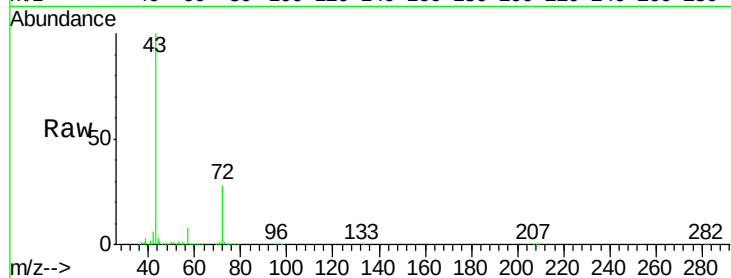
43 100

72 27.9 21.0 31.6

Manual Integrations
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6/2/2020 11:34:47 AM



#26

2,2-Dichloropropane

Concen: 46.417 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX016542.D

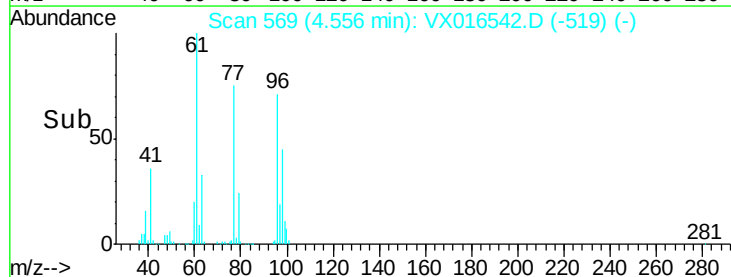
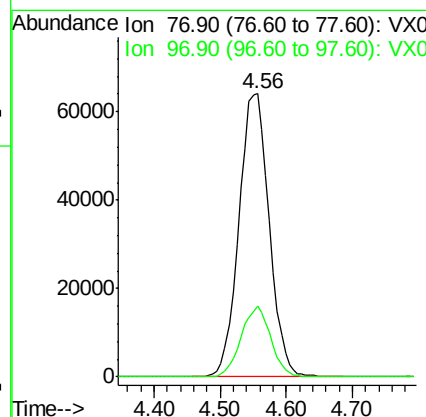
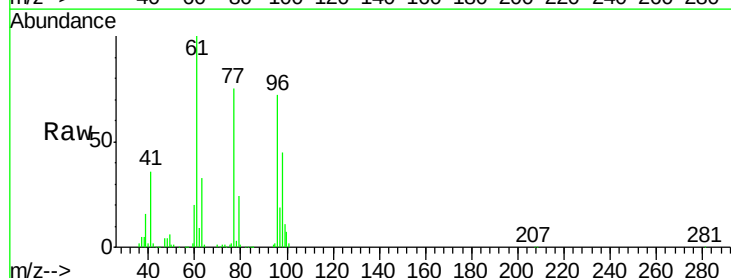
Acq: 01 Jun 2020 20:16

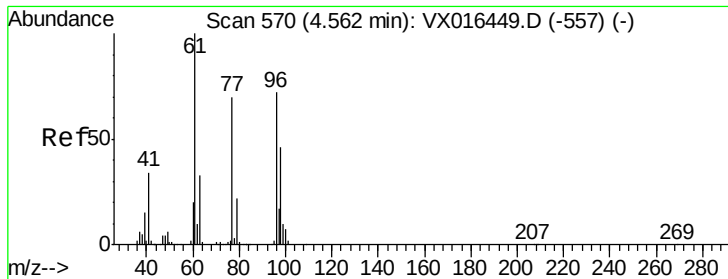
Tgt Ion: 77 Resp: 203681

Ion Ratio Lower Upper

77 100

97 24.3 11.5 34.4





#27

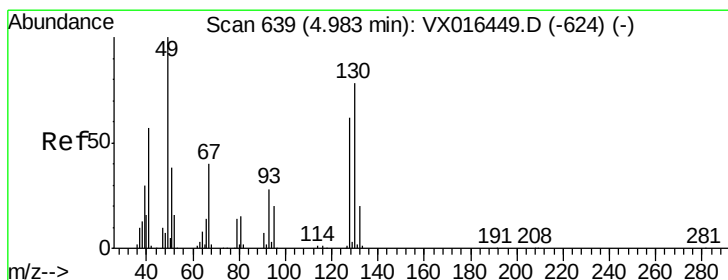
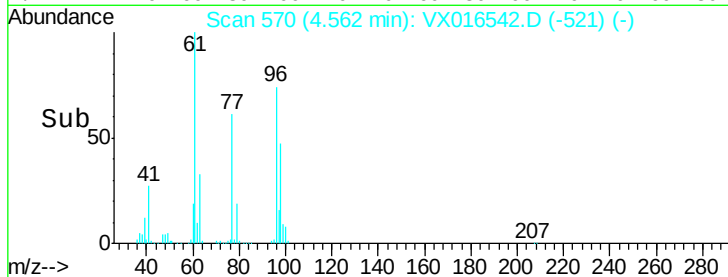
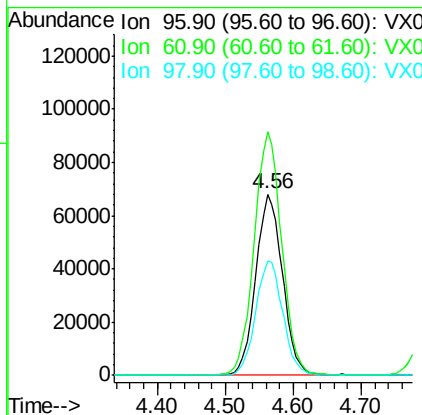
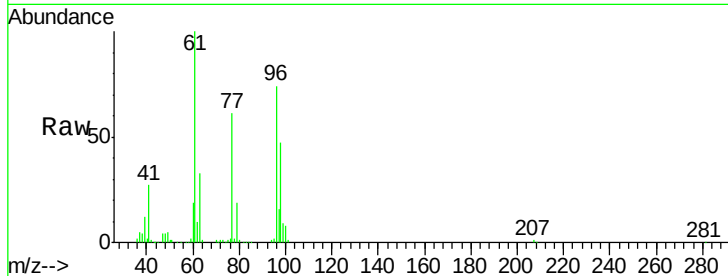
cis-1,2-Dichloroethene
 Concen: 54.553 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: VX016542.D
 Acq: 01 Jun 2020 20:16

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW113-200527MSD

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.6	0.0	284.6
98	64.0	0.0	127.2

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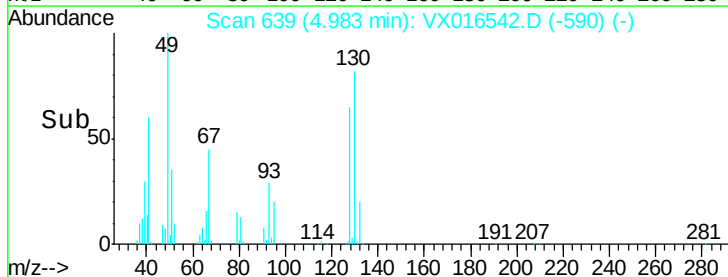
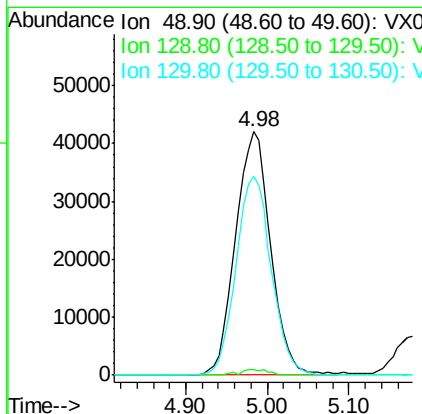
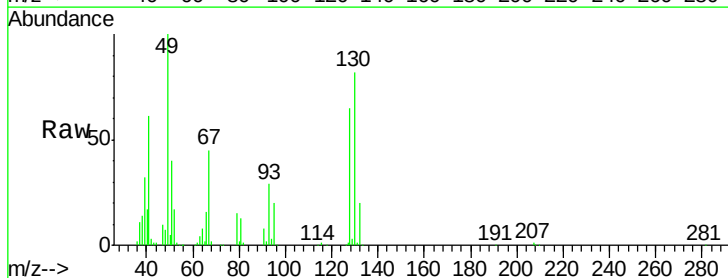
MMDadoda
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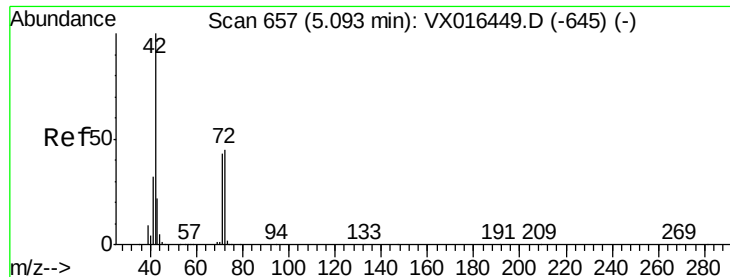


#28

Bromochloromethane
 Concen: 50.240 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: VX016542.D
 Acq: 01 Jun 2020 20:16

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.0
130	82.5	63.0	94.4





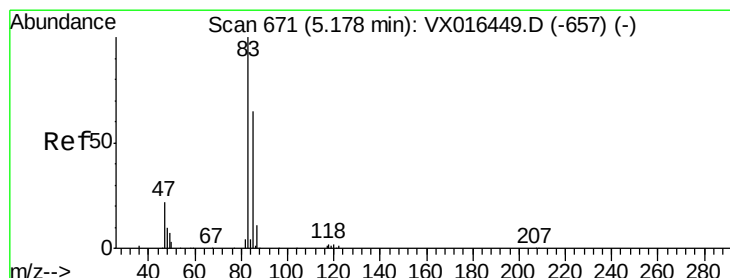
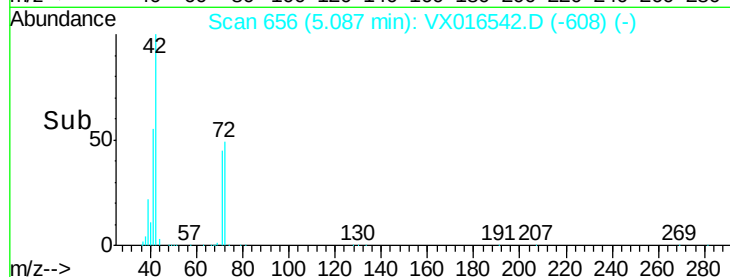
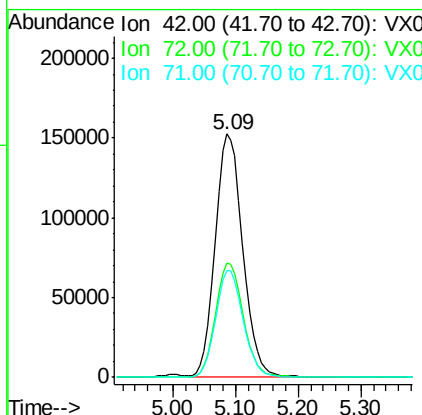
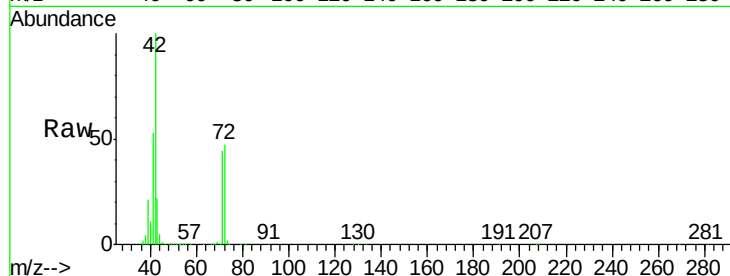
#29
Tetrahydrofuran
Concen: 279.028 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX016542.D
Acq: 01 Jun 2020 20:16

Instrument :
MSVOA_X
ClientSampleId :
SS050MW113-200527MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.4	37.0	55.4
71	43.8	34.1	51.1

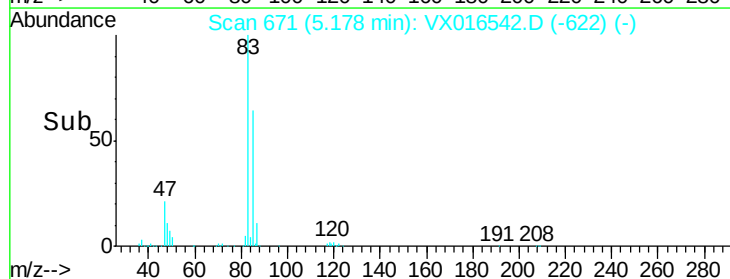
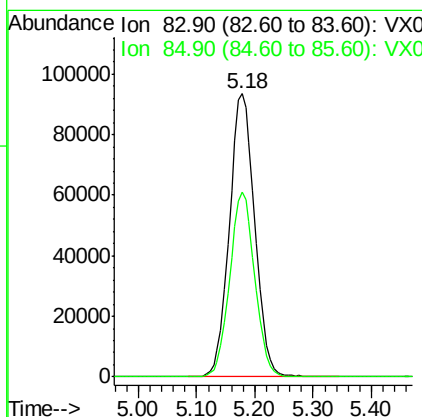
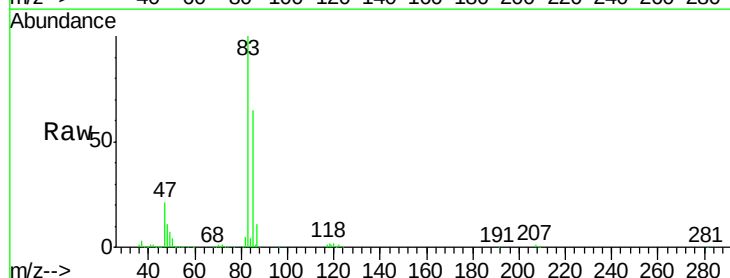
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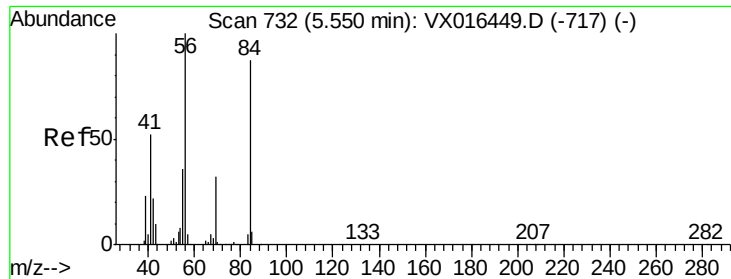
MMDadoda
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#30
Chloroform
Concen: 52.225 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX016542.D
Acq: 01 Jun 2020 20:16

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	52.0	78.0





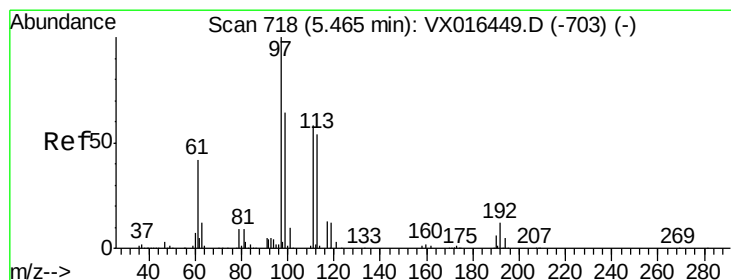
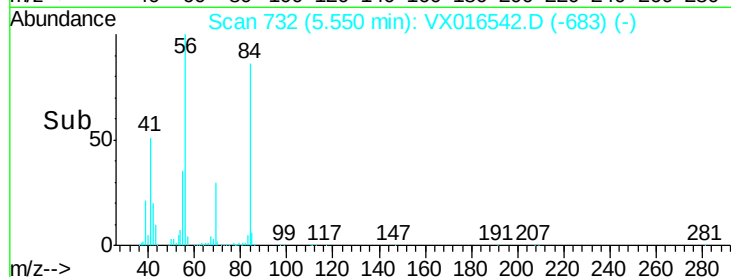
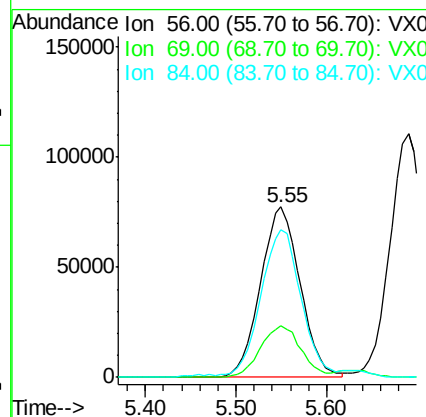
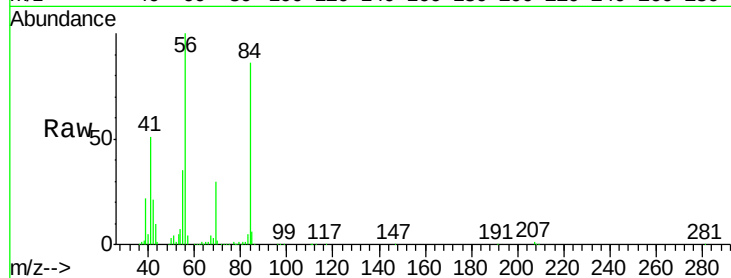
#31
Cyclohexane
Concen: 48.557 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX016542.D
Acq: 01 Jun 2020 20:16

Instrument :
MSVOA_X
ClientSampleId :
SS050MW113-200527MSD

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.0	25.7	38.5
84	85.3	70.0	105.0

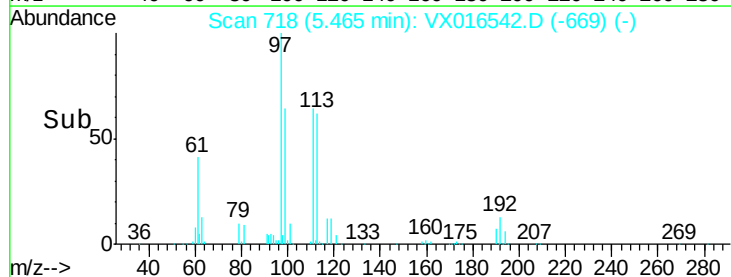
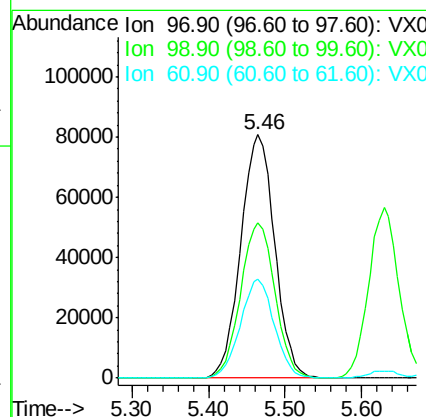
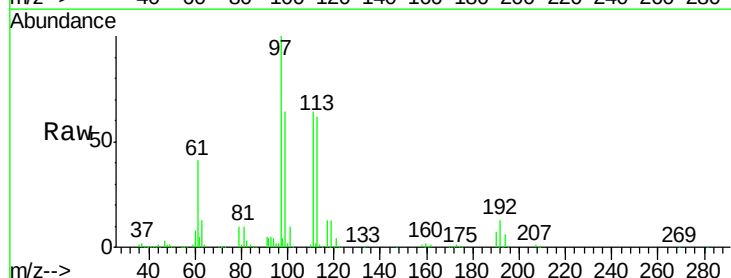
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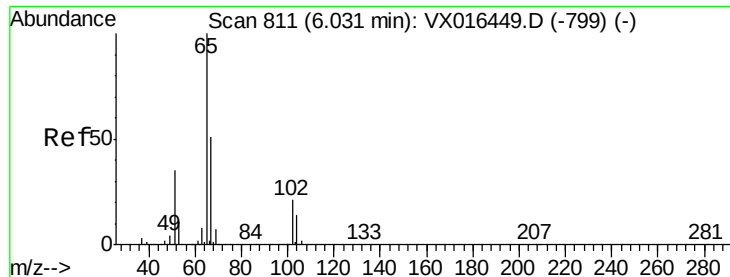
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#32
1,1,1-Trichloroethane
Concen: 50.913 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX016542.D
Acq: 01 Jun 2020 20:16

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.4	77.2
61	40.7	33.5	50.3





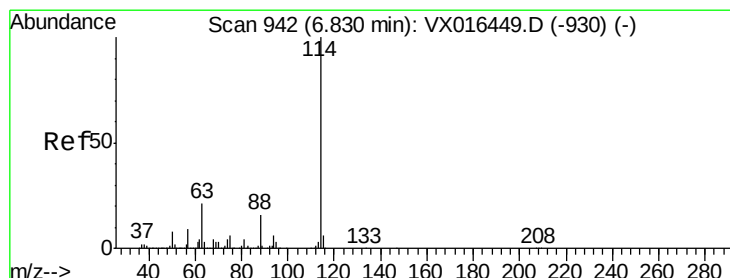
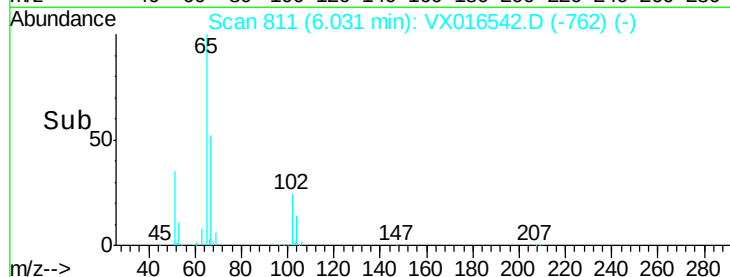
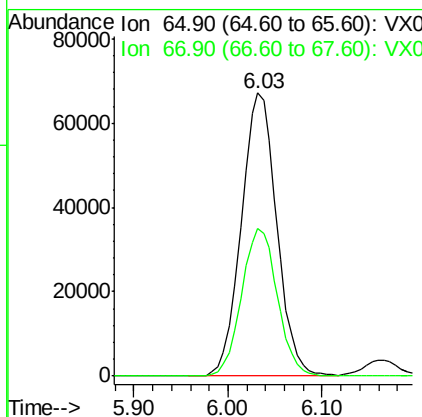
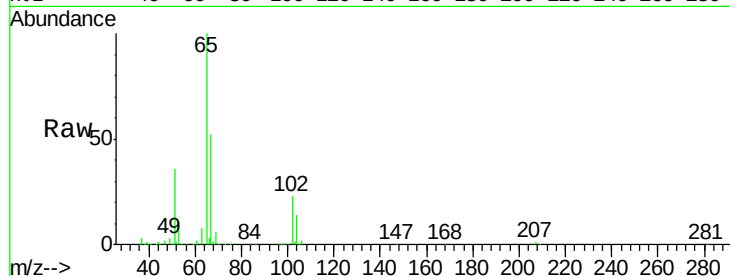
#33
 1,2-Dichloroethane-d4
 Concen: 50.930 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX016542.D
 Acq: 01 Jun 2020 20:16

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW113-200527MSD

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	104.8

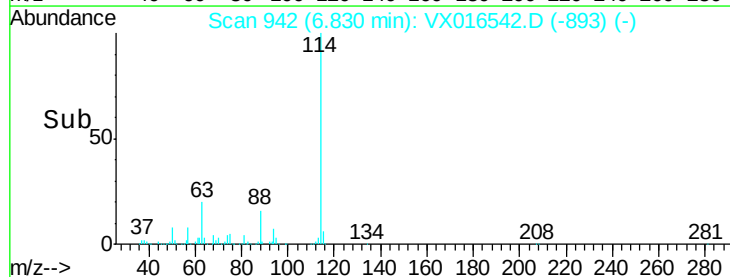
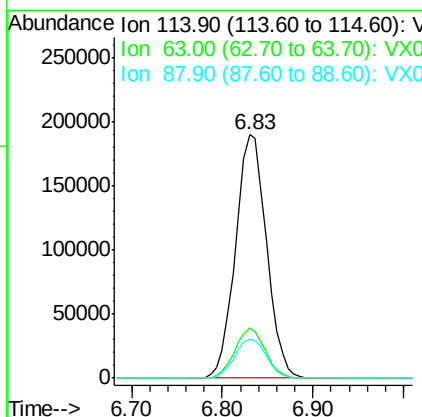
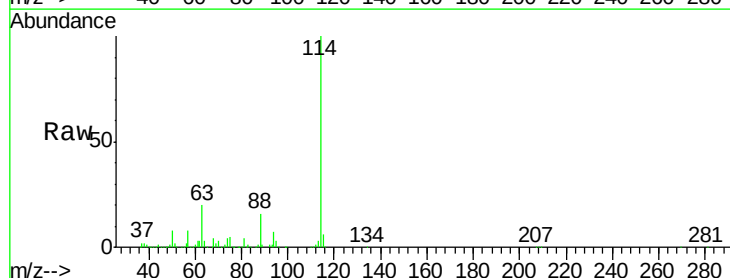
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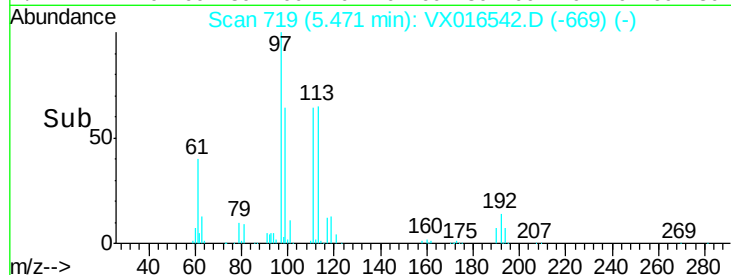
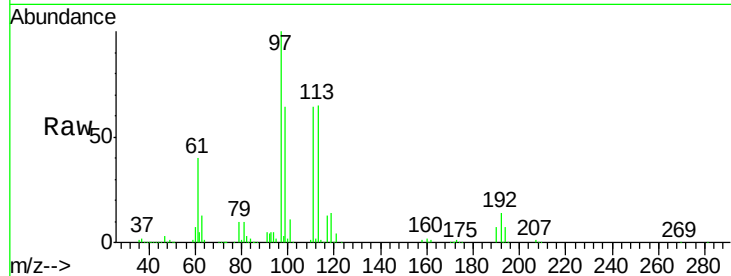
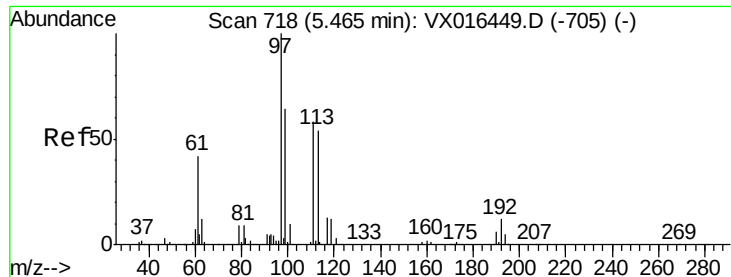
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX016542.D
 Acq: 01 Jun 2020 20:16

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	42.6
88	15.8	0.0	32.8





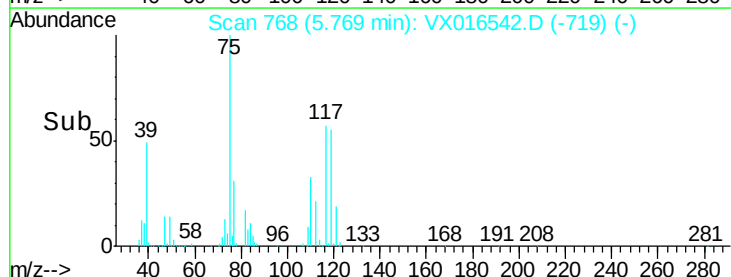
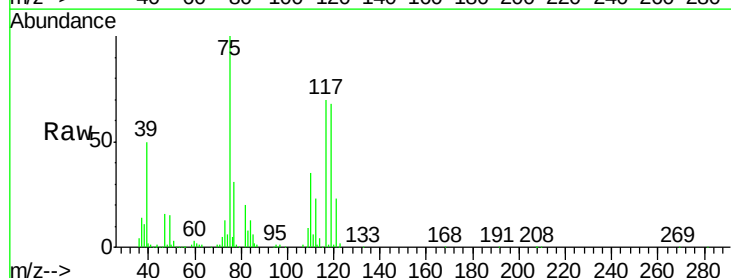
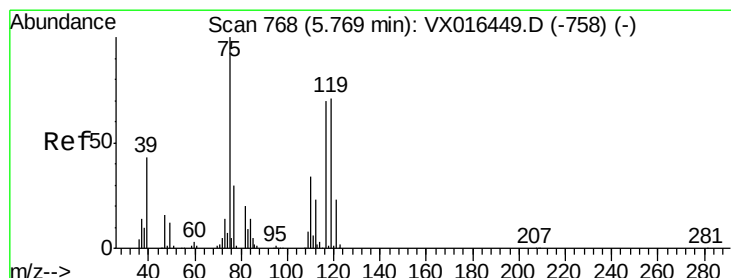
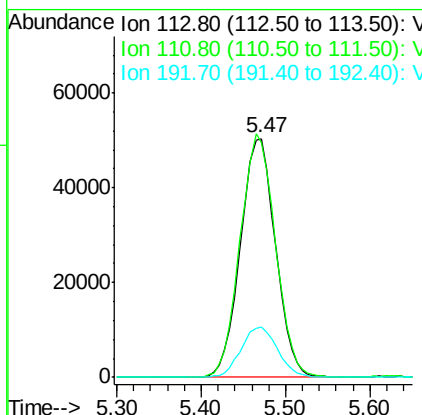
#35
Dibromofluoromethane
Concen: 51.440 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX016542.D
Acq: 01 Jun 2020 20:16

Tot Ion	Ratio	Resp	Lower	Upper
113	100	142600		
111	102.3	83.0	124.6	
192	22.0	17.7	26.5	

Instrument :
MSVOA_X
ClientSampleId :
SS050MW113-200527MSD

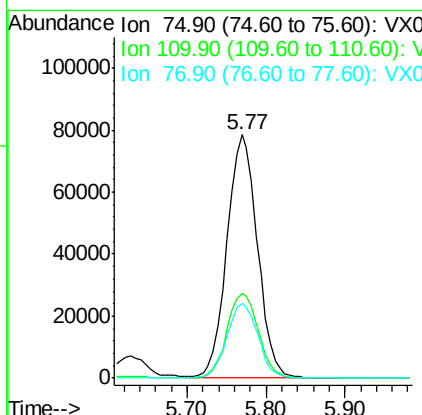
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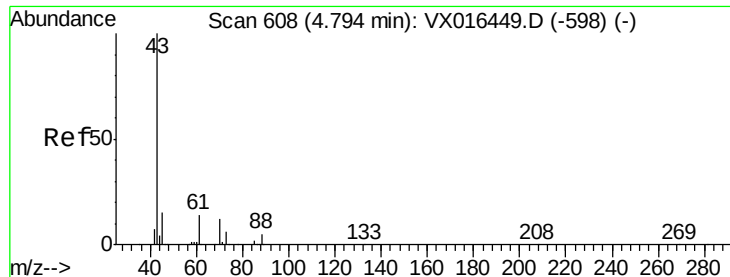
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#36
1,1-Dichloropropene
Concen: 49.361 ug/l
RT: 5.77 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX016542.D
Acq: 01 Jun 2020 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	210409		
110	36.0	17.4	52.3	
77	31.1	24.2	36.4	





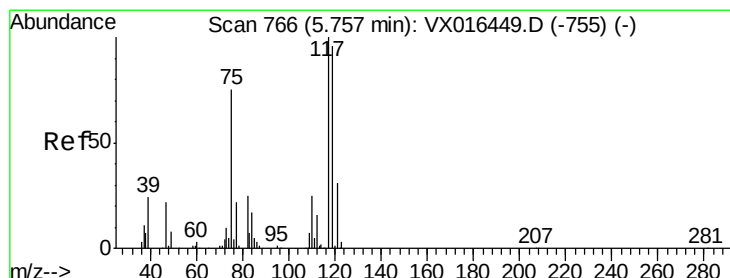
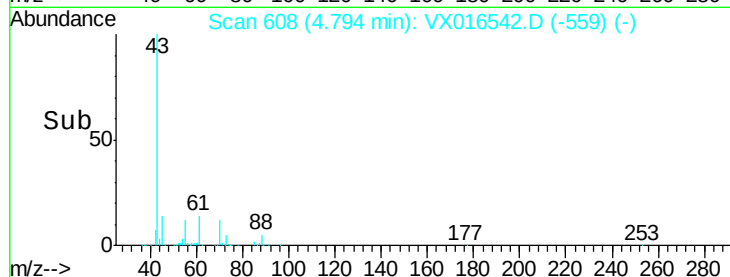
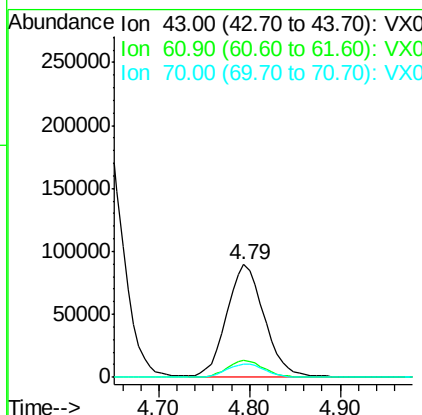
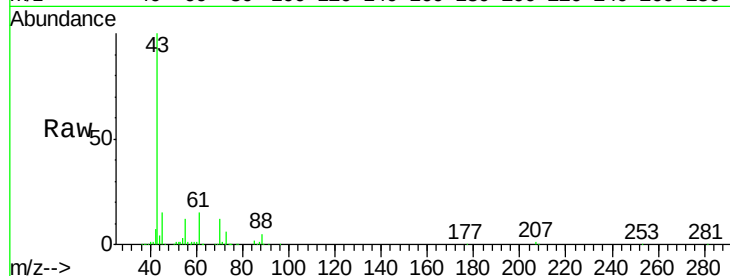
#37
Ethyl Acetate
Concen: 49.998 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX016542.D
Acq: 01 Jun 2020 20:16

Instrument :
MSVOA_X
ClientSampleId :
SS050MW113-200527MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.9	11.3	16.9
70	12.3	9.3	13.9

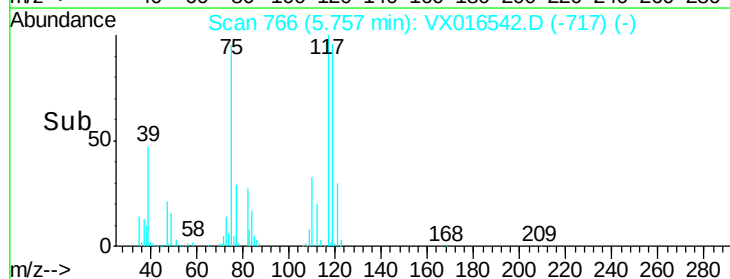
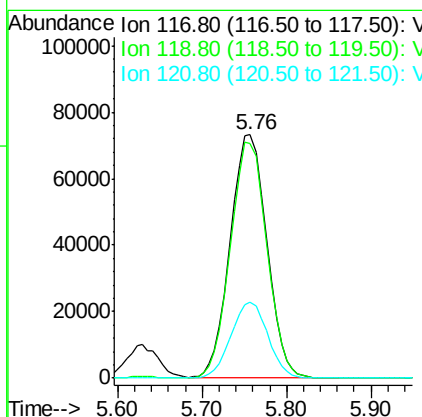
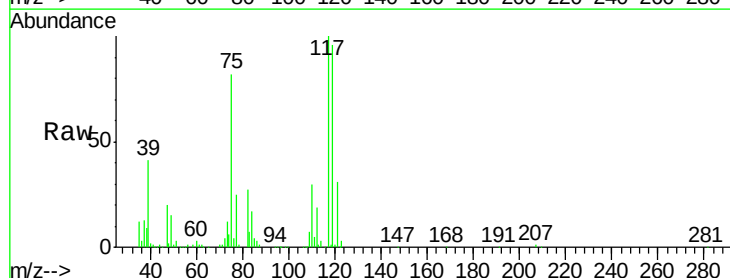
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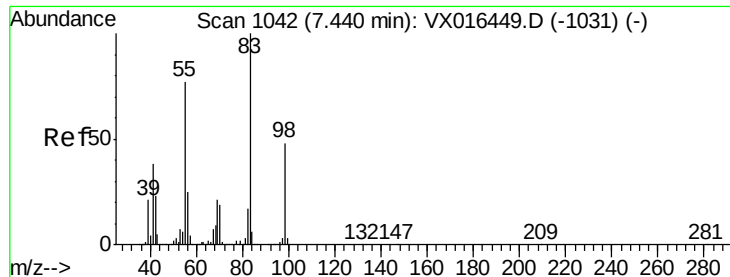
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#38
Carbon Tetrachloride
Concen: 48.203 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX016542.D
Acq: 01 Jun 2020 20:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	76.3	114.5
121	31.0	24.6	37.0





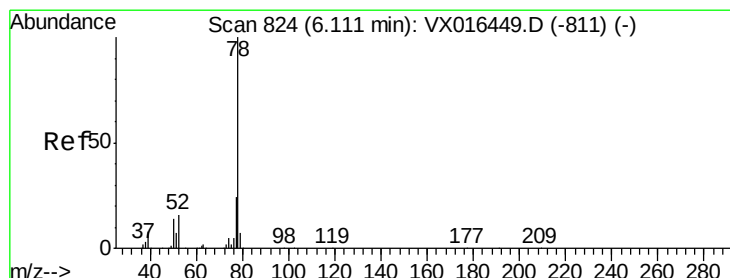
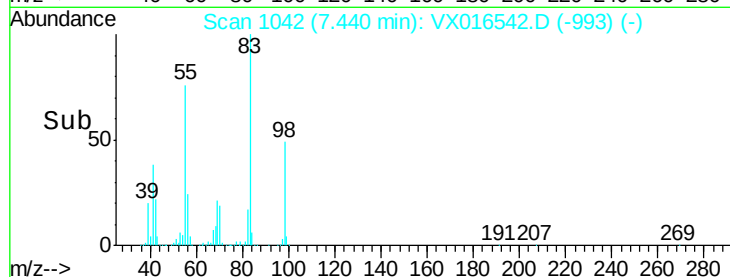
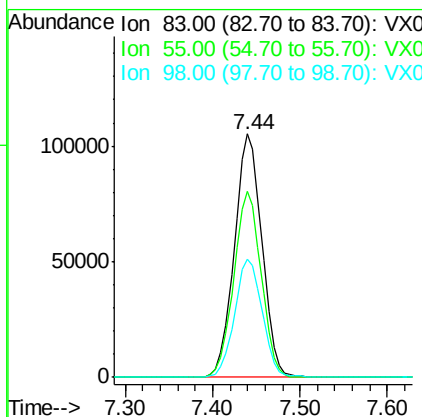
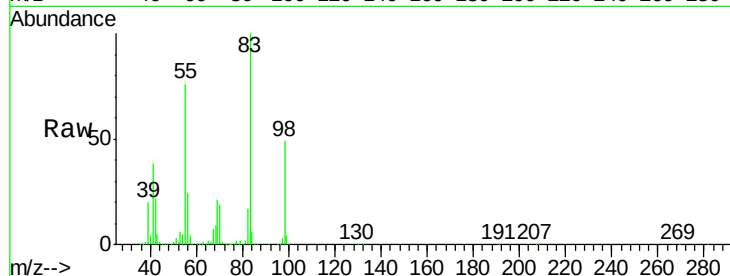
#39
Methylvlcyclohexane
Concen: 49.756 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016542.D
Acq: 01 Jun 2020 20:16

Instrument :
MSVOA_X
ClientSampleId :
SS050MW113-200527MSD

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	76.4	61.7	92.5	
98	48.6	38.7	58.1	

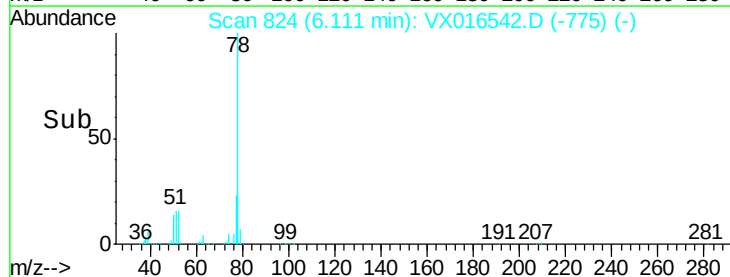
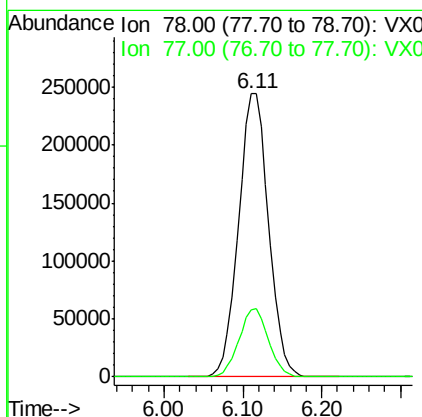
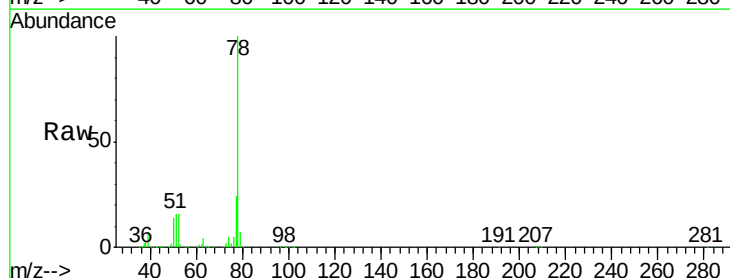
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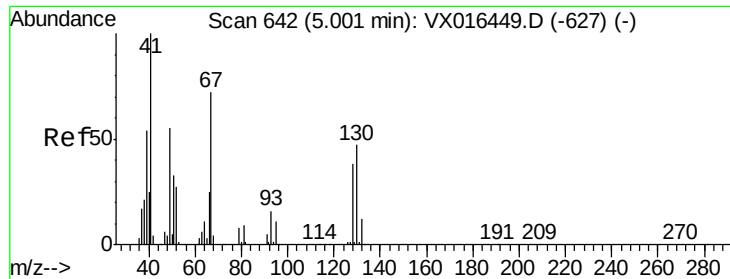
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#40
Benzene
Concen: 50.961 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX016542.D
Acq: 01 Jun 2020 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.9	18.9	28.3	





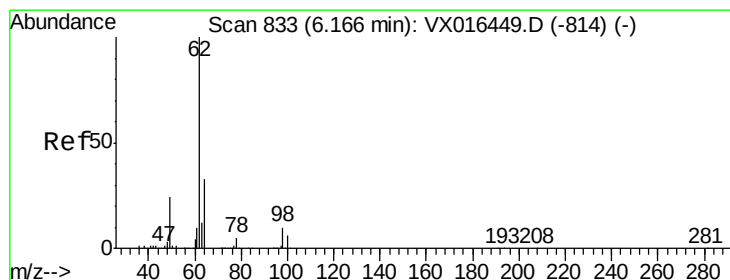
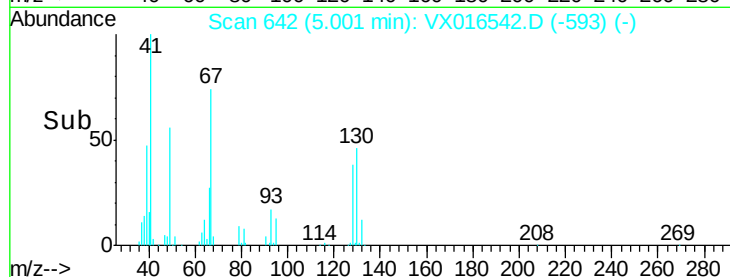
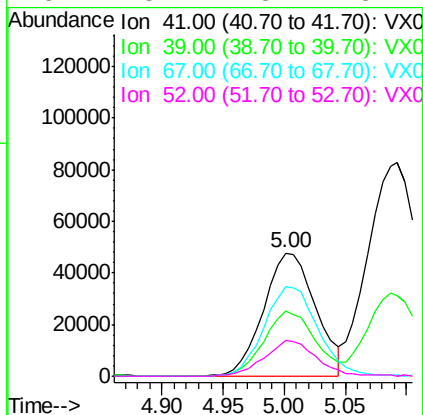
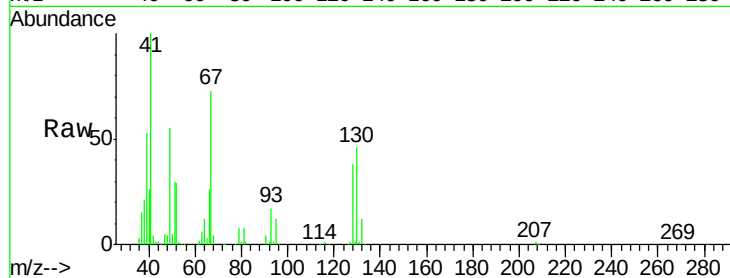
#41
Methacrylonitrile
Concen: 50.270 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX016542.D
Acq: 01 Jun 2020 20:16

Instrument :
MSVOA_X
ClientSampleId :
SS050MW113-200527MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		141314		
39	53.5	43.0	64.4		
67	75.7	58.9	88.3		
52	28.4	23.1	34.7		

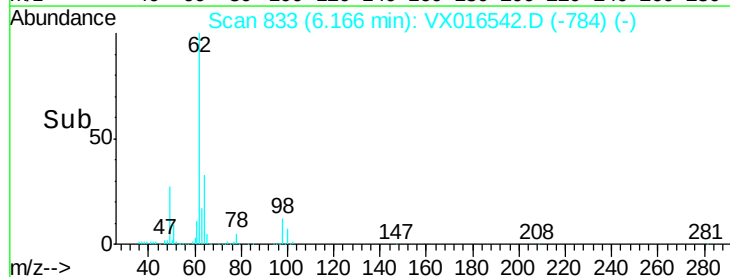
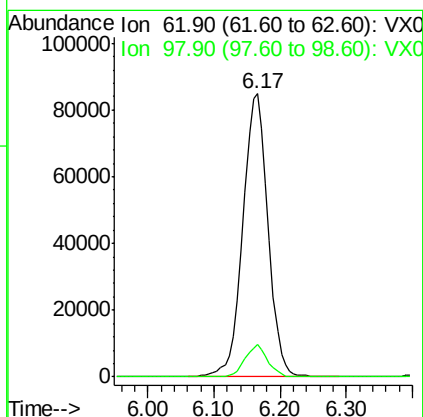
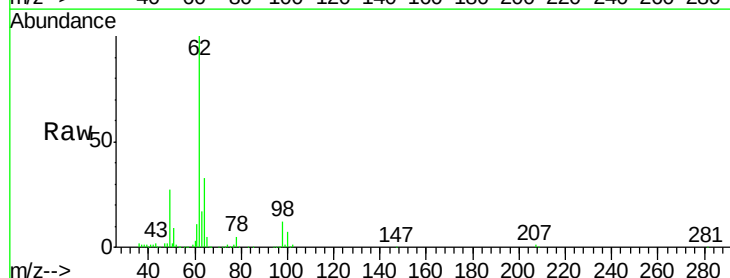
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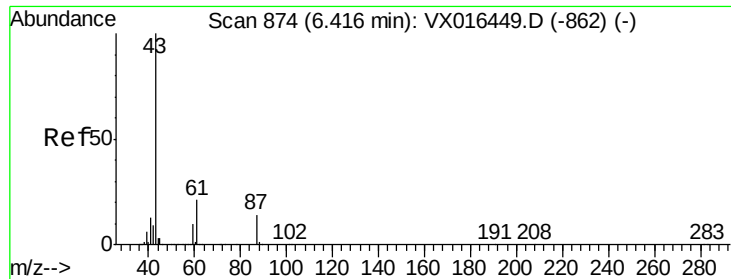
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#42
1,2-Dichloroethane
Concen: 49.788 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX016542.D
Acq: 01 Jun 2020 20:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		224762		
98	10.3	0.0	19.8		





#43

Isopropyl Acetate

Concen: 51.406 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX016542.D

Acq: 01 Jun 2020 20:16

Instrument :

MSVOA_X

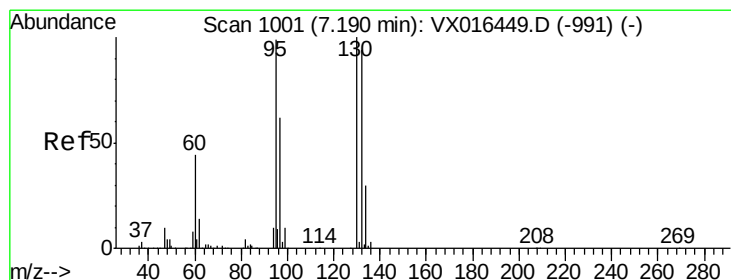
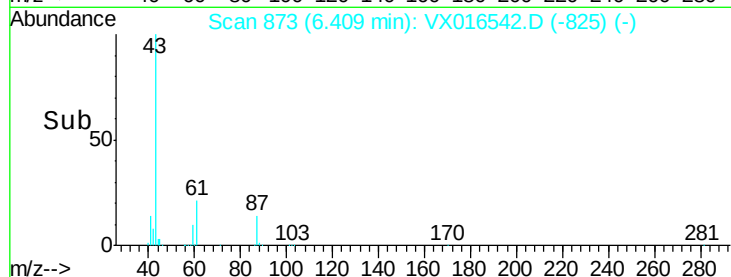
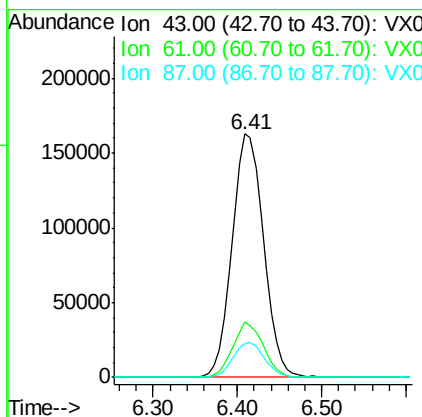
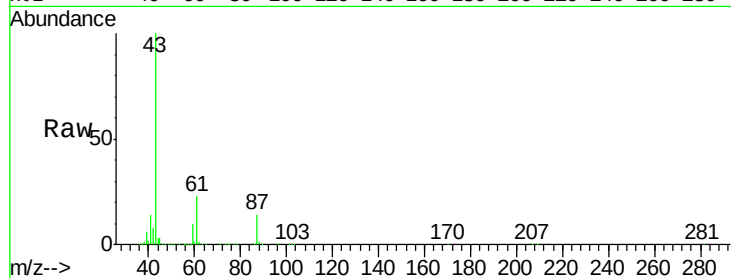
ClientSampleId :

SS050MW113-200527MSD

Tot Ion:	43	Resp:	410360
Ion	Ratio	Lower	Upper
43	100		
61	21.9	16.8	25.2
87	14.5	11.2	16.8

Manual Integrations
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#44

Trichloroethene

Concen: 46.064 ug/l

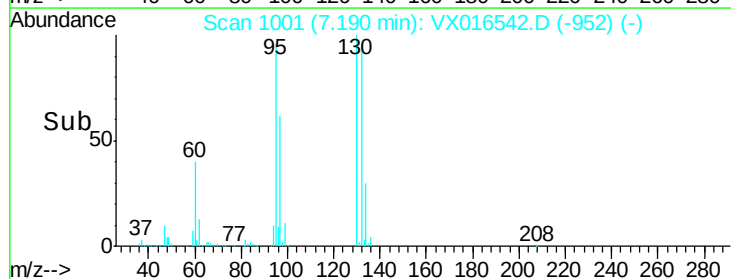
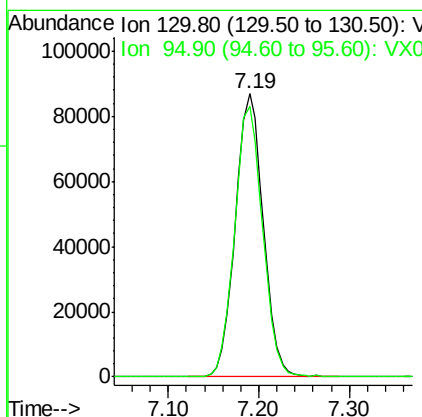
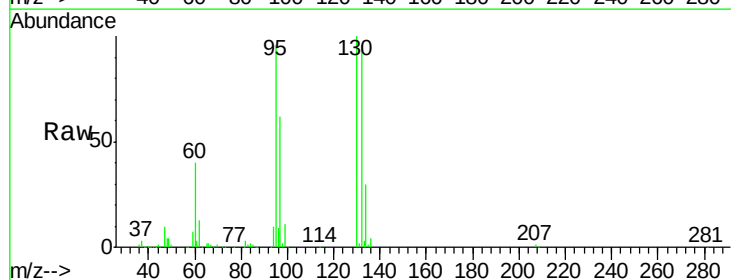
RT: 7.19 min Scan# 1001

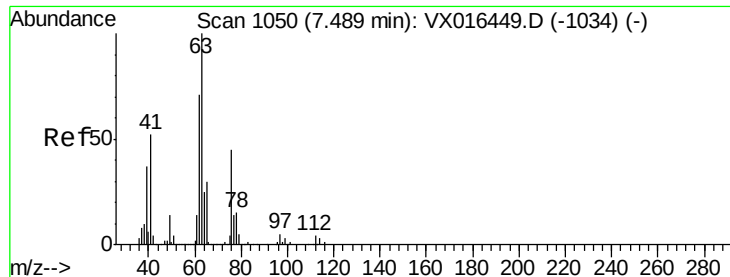
Delta R.T. 0.00 min

Lab File: VX016542.D

Acq: 01 Jun 2020 20:16

Tgt Ion:	130	Resp:	185524
Ion	Ratio	Lower	Upper
130	100		
95	95.6	0.0	198.2





#45

1,2-Dichloropropane

Concen: 51.982 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX016542.D

Acq: 01 Jun 2020 20:16

Instrument :

MSVOA_X

ClientSampleId :

SS050MW113-200527MSD

Tot Ion: 63 Resp: 167986

Ion Ratio Lower Upper

63 100

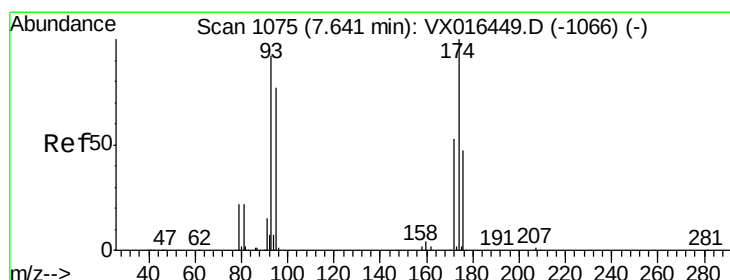
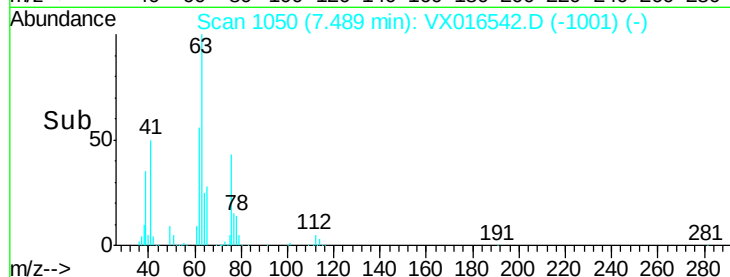
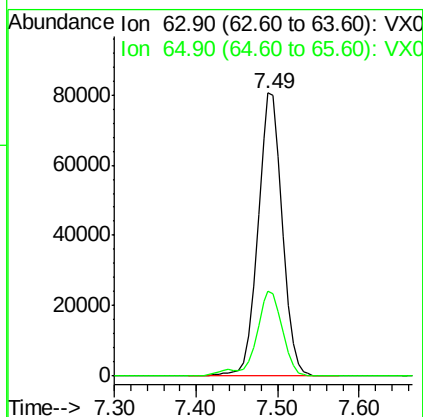
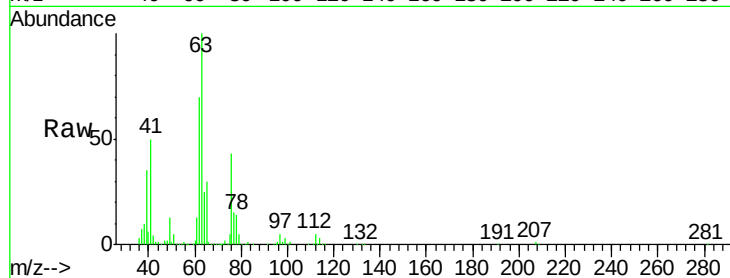
65 30.0 24.2 36.2

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#46

Dibromomethane

Concen: 51.266 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX016542.D

Acq: 01 Jun 2020 20:16

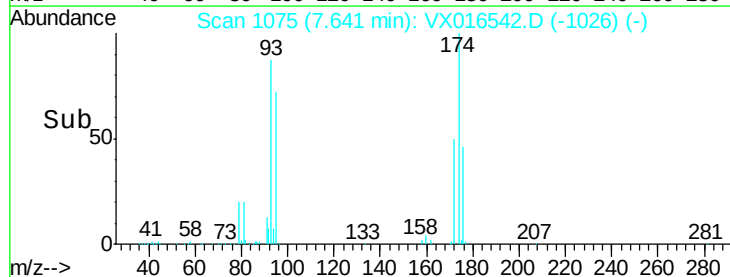
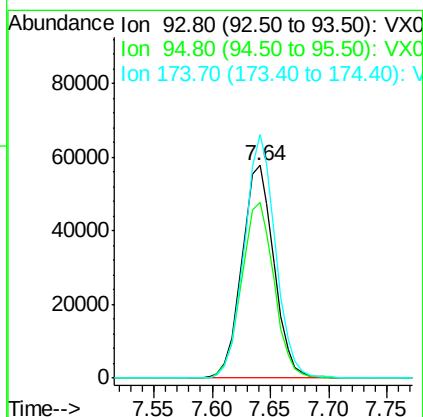
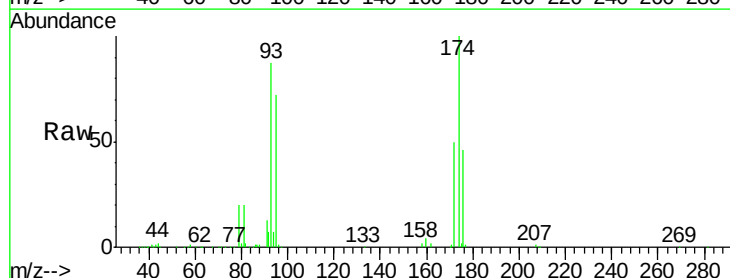
Tgt Ion: 93 Resp: 111277

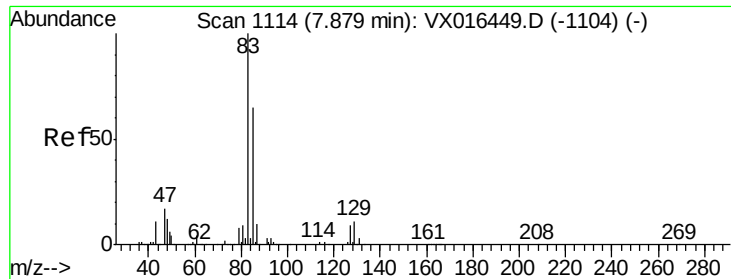
Ion Ratio Lower Upper

93 100

95 83.7 66.6 100.0

174 111.4 86.2 129.4





#47

Bromodichloromethane

Concen: 51.523 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX016542.D

Acq: 01 Jun 2020 20:16

Instrument :

MSVOA_X

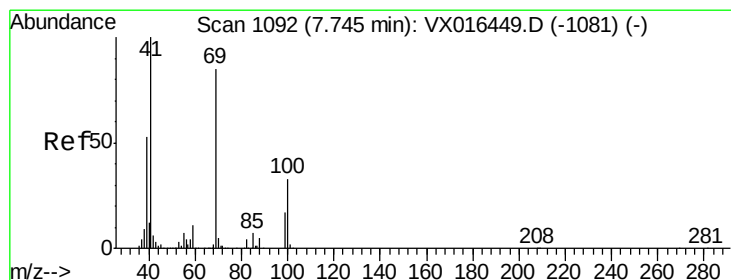
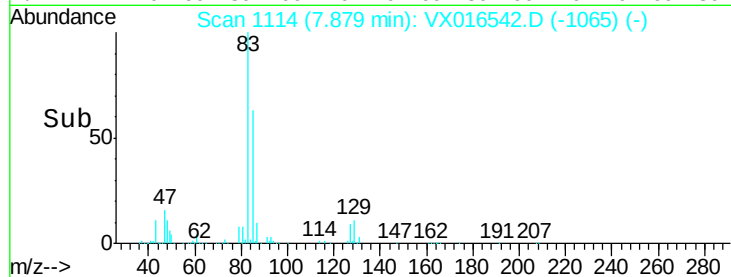
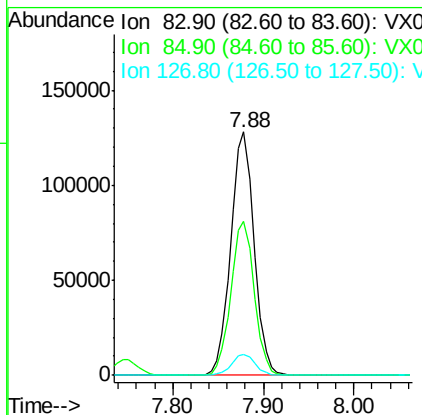
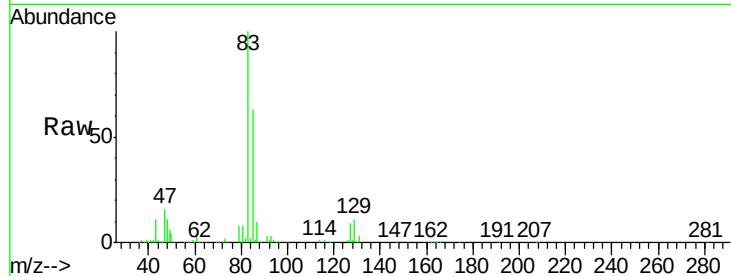
ClientSampleId :

SS050MW113-200527MSD

Tot Ion:	83	Resp:	231562
Ion	Ratio	Lower	Upper
83	100		
85	63.2	52.0	78.0
127	8.6	7.4	11.0

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#48

Methyl methacrylate

Concen: 52.461 ug/l

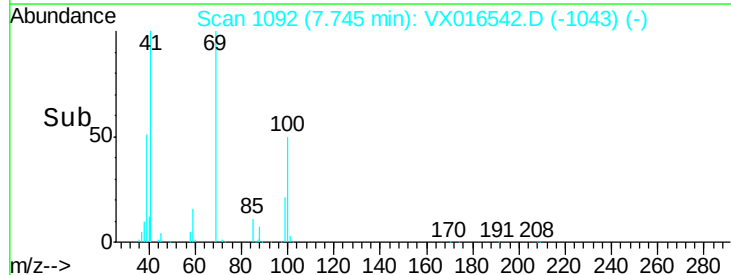
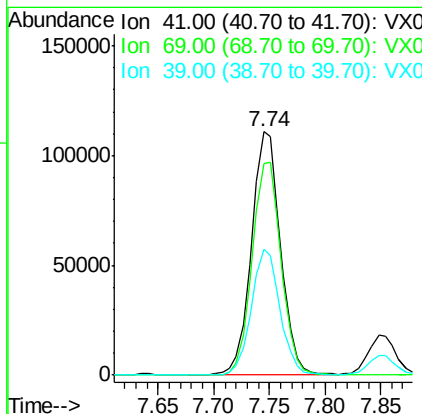
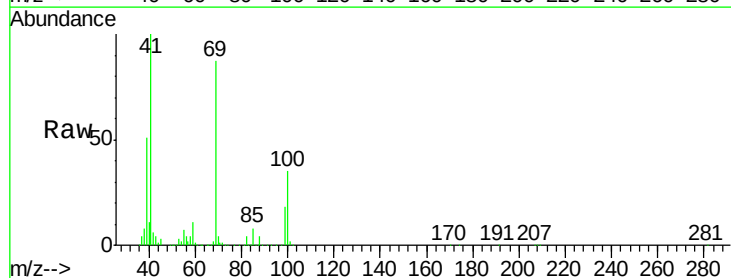
RT: 7.74 min Scan# 1092

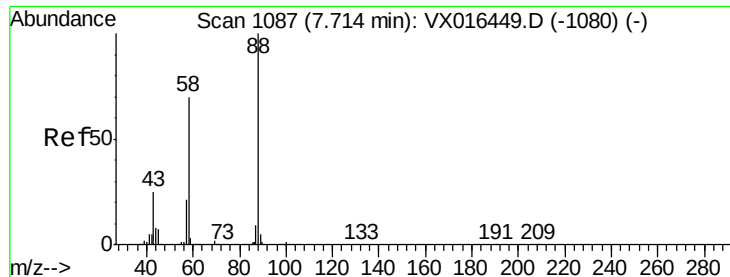
Delta R.T. 0.00 min

Lab File: VX016542.D

Acq: 01 Jun 2020 20:16

Tgt Ion:	41	Resp:	200514
Ion	Ratio	Lower	Upper
41	100		
69	88.3	68.6	102.8
39	50.9	42.4	63.6





#49

1,4-Dioxane

Concen: 1030.450 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX016542.D

Acq: 01 Jun 2020 20:16

Instrument :

MSVOA_X

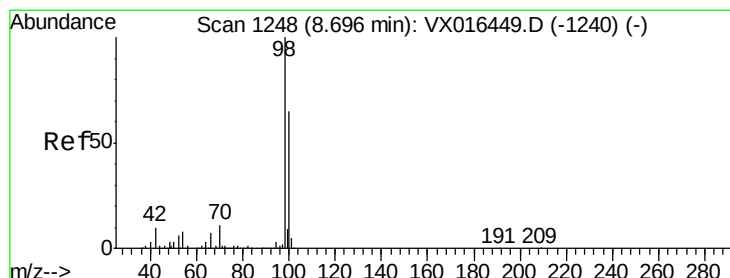
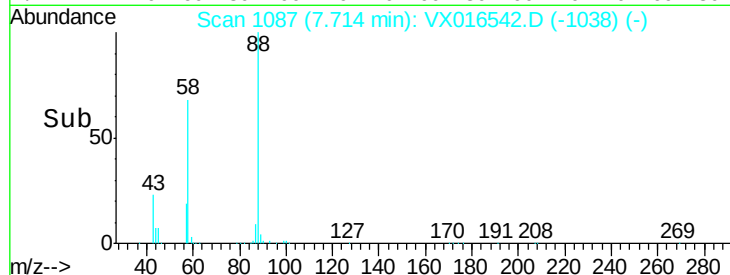
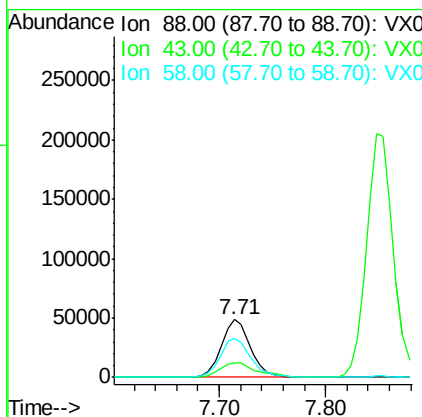
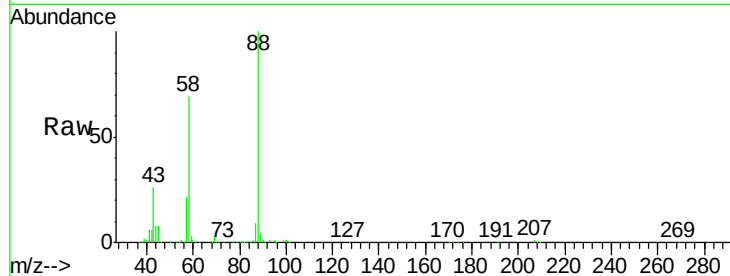
ClientSampleId :

SS050MW113-200527MSD

Tot Ion:	88	Resp:	92171
Ion	Ratio	Lower	Upper
88	100		
43	30.4	24.2	36.4
58	70.4	56.5	84.7

Manual Integrations
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#50

Toluene-d8

Concen: 50.233 ug/l

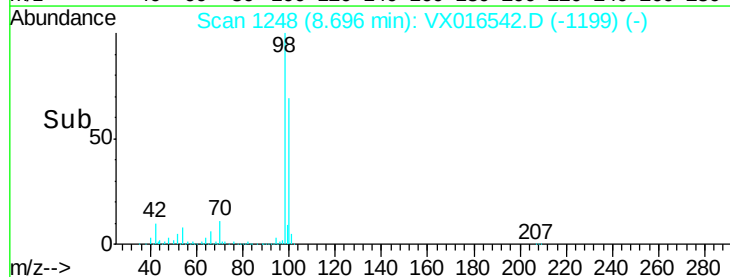
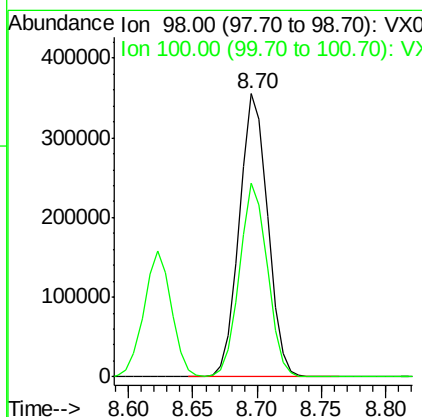
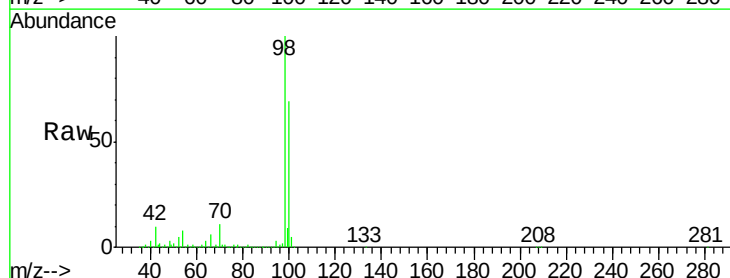
RT: 8.70 min Scan# 1248

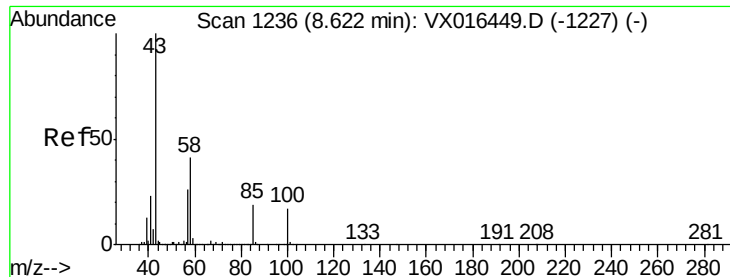
Delta R.T. 0.00 min

Lab File: VX016542.D

Acq: 01 Jun 2020 20:16

Tgt Ion:	98	Resp:	542010
Ion	Ratio	Lower	Upper
98	100		
100	67.4	53.8	80.6





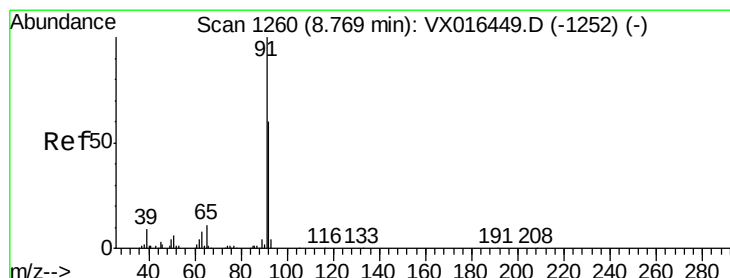
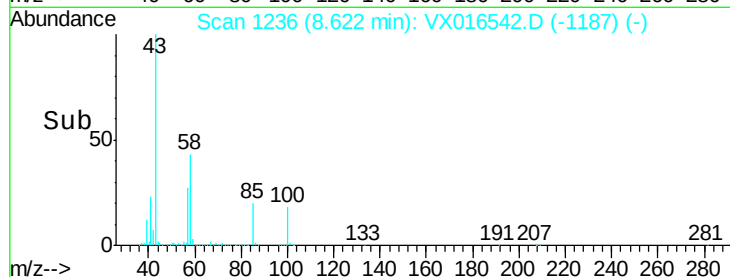
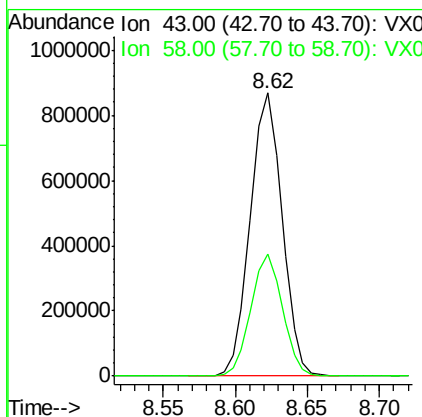
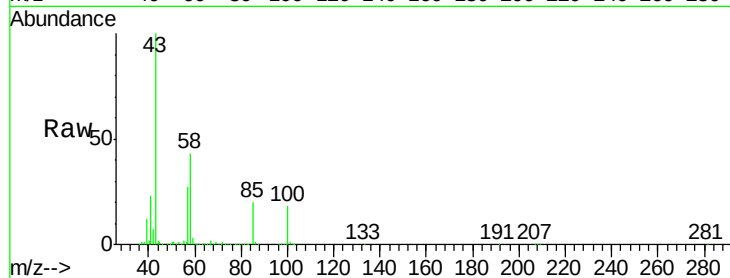
#51
4-Methyl-2-Pentanone
Concen: 267.952 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX016542.D
Acq: 01 Jun 2020 20:16

Instrument :
MSVOA_X
ClientSampleId :
SS050MW113-200527MSD

Tot Ion: 43 Resp: 1331863
Ion Ratio Lower Upper
43 100
58 42.6 33.0 49.6

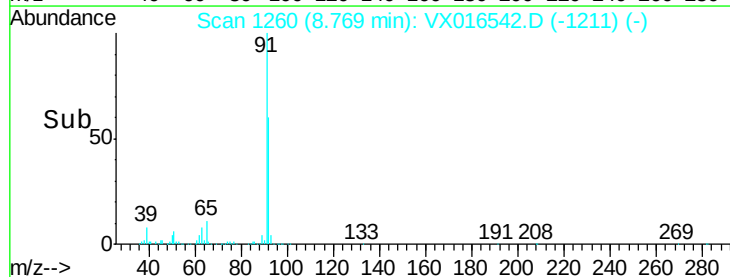
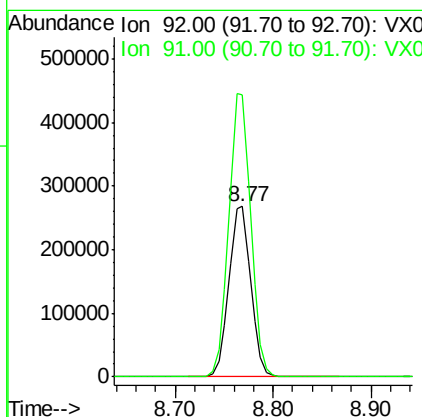
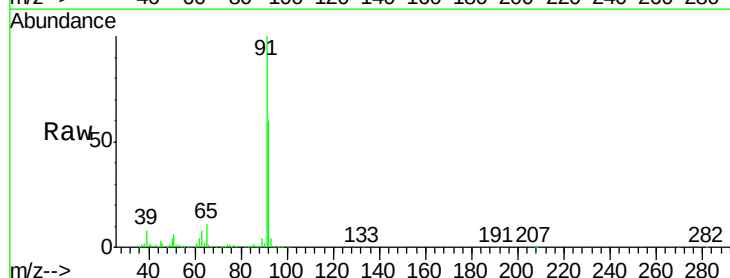
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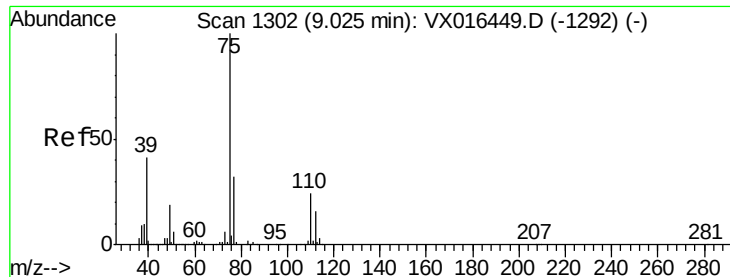
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#52
Toluene
Concen: 51.830 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. 0.00 min
Lab File: VX016542.D
Acq: 01 Jun 2020 20:16

Tgt Ion: 92 Resp: 414890
Ion Ratio Lower Upper
92 100
91 167.5 135.0 202.4





#53

t-1,3-Dichloropropene

Concen: 52.366 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX016542.D

Acq: 01 Jun 2020 20:16

Instrument :

MSVOA_X

ClientSampleId :

SS050MW113-200527MSD

Tot Ion: 75 Resp: 267621

Ion Ratio Lower Upper

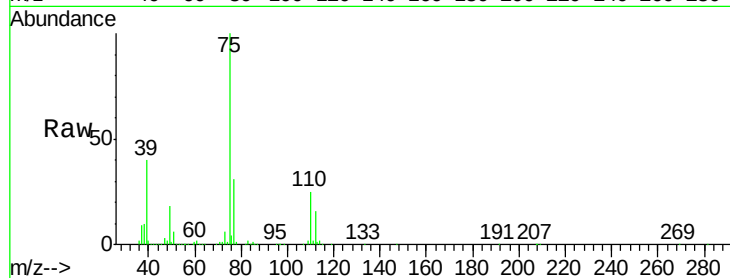
75 100

77 31.1 25.5 38.3

Manual Integrations
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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

200000

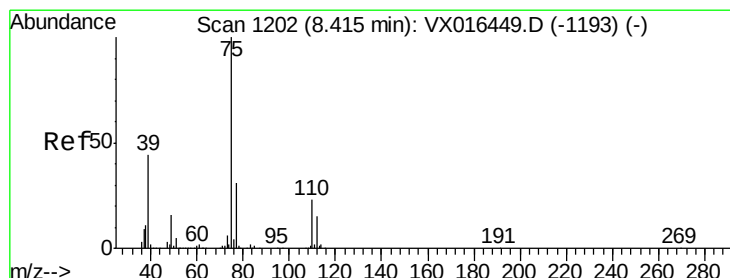
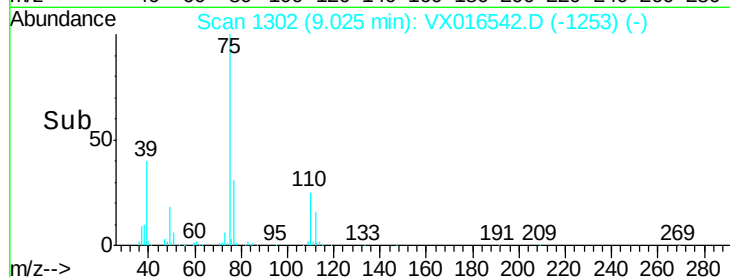
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 51.288 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX016542.D

Acq: 01 Jun 2020 20:16

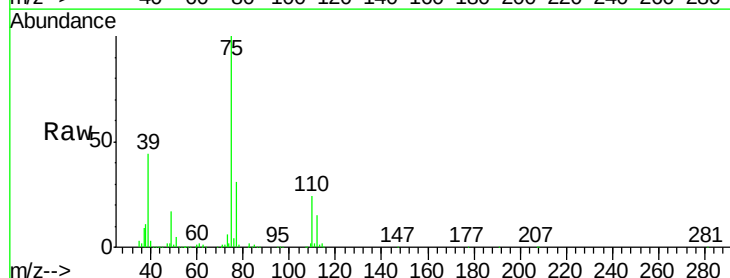
Tgt Ion: 75 Resp: 277435

Ion Ratio Lower Upper

75 100

77 30.9 24.6 36.8

39 43.5 35.3 52.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.42

200000

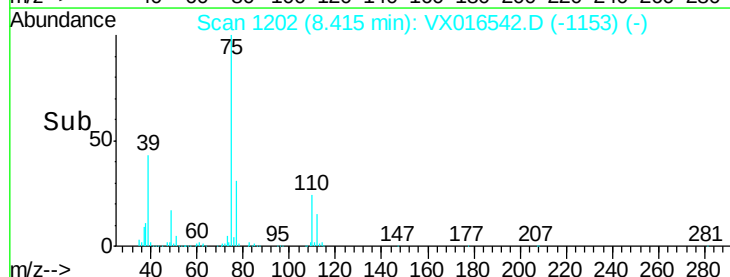
150000

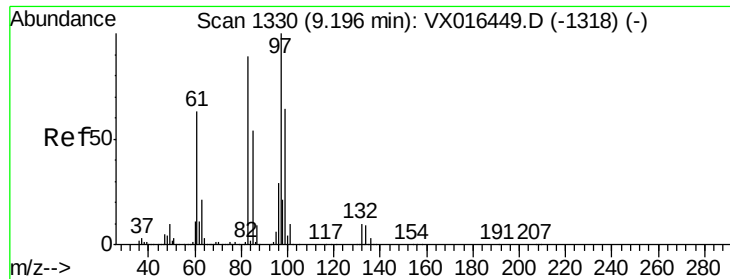
100000

50000

0

Time-->





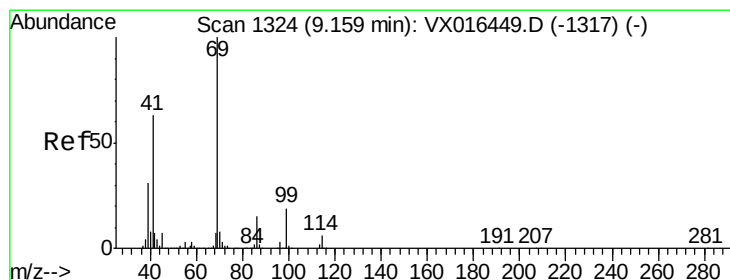
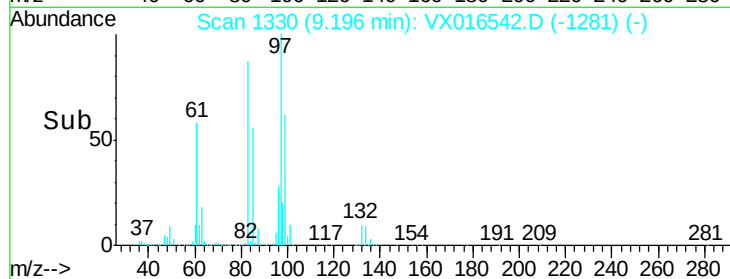
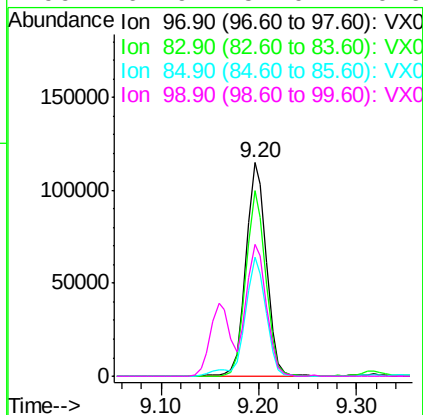
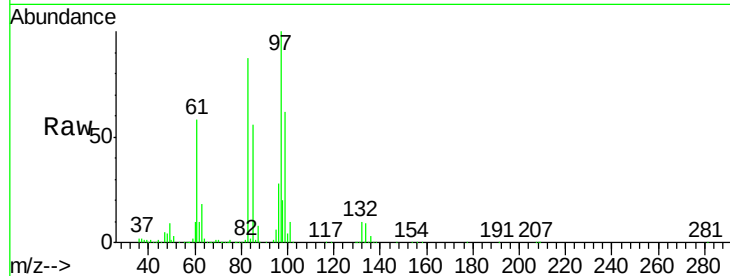
#55
 1,1,2-Trichloroethane
 Concen: 52.188 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016542.D
 Acq: 01 Jun 2020 20:16

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW113-200527MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		166099		
83	86.6	70.9	106.3		
85	55.5	43.4	65.2		
99	61.9	51.0	76.6		

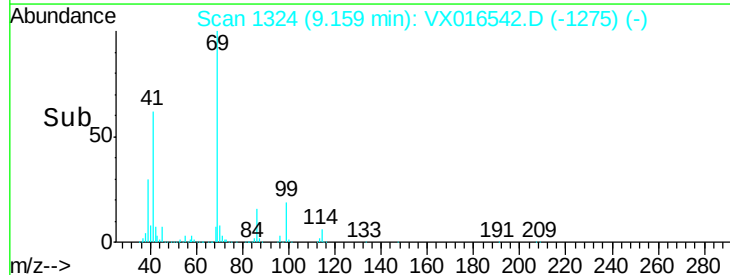
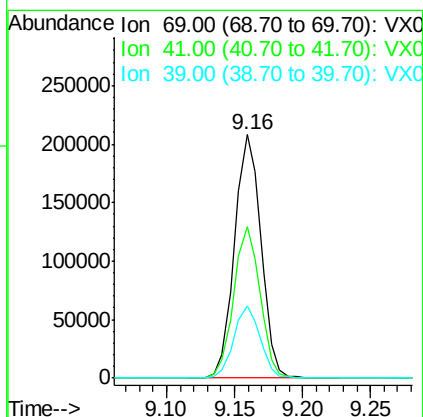
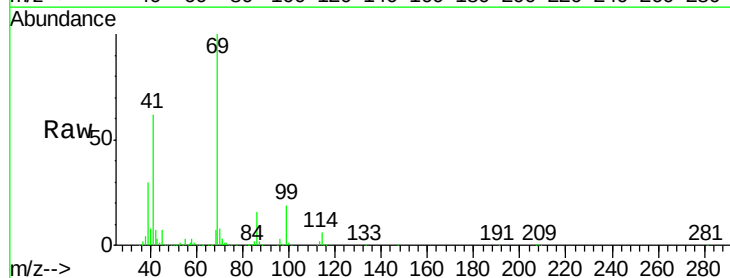
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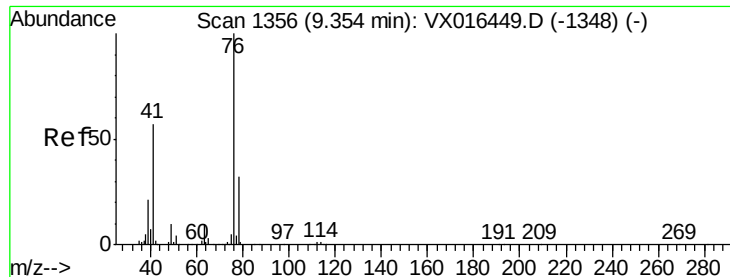
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#56
 Ethyl methacrylate
 Concen: 54.476 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016542.D
 Acq: 01 Jun 2020 20:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		282375		
41	61.8	50.7	76.1		
39	29.7	25.8	38.6		





#57

1,3-Dichloropropane

Concen: 52.014 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX016542.D

Acq: 01 Jun 2020 20:16

Instrument :

MSVOA_X

ClientSampleId :

SS050MW113-200527MSD

Tot Ion: 76 Resp: 284150

Ion Ratio Lower Upper

76 100

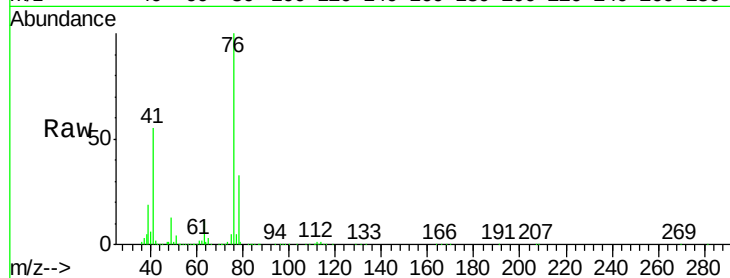
78 32.1 26.2 39.4

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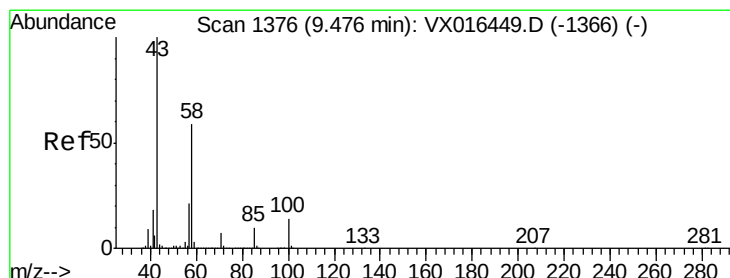
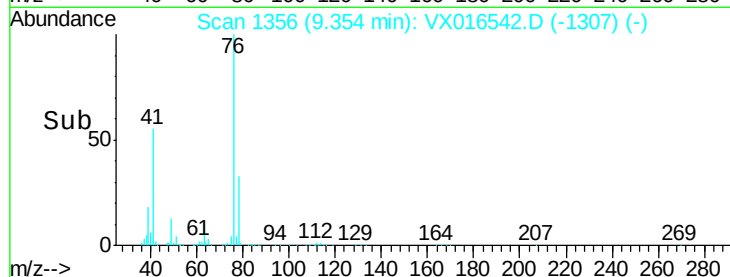
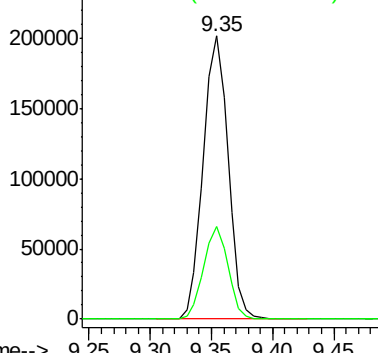
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#59

2-Hexanone

Concen: 270.597 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. 0.00 min

Lab File: VX016542.D

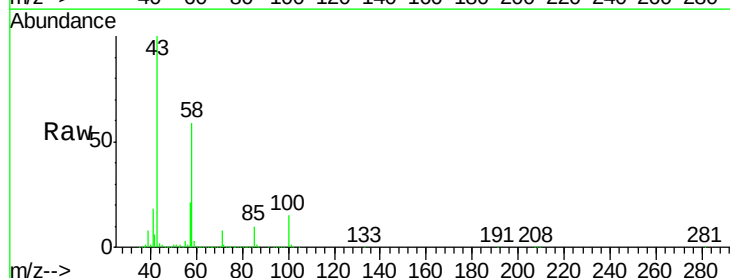
Acq: 01 Jun 2020 20:16

Tgt Ion: 43 Resp: 1045956

Ion Ratio Lower Upper

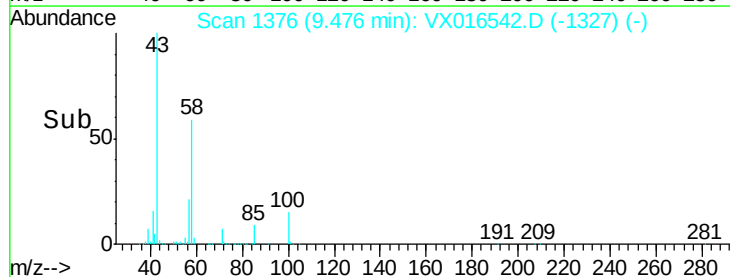
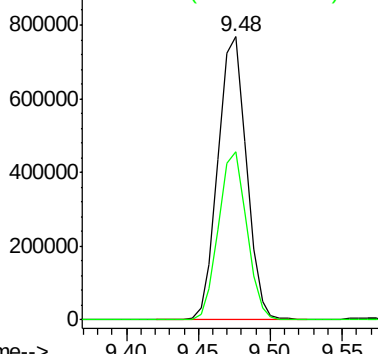
43 100

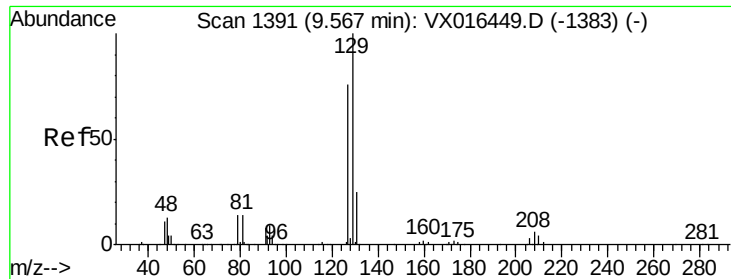
58 59.0 28.8 86.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#60

Dibromochloromethane

Concen: 52.375 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX016542.D

Acq: 01 Jun 2020 20:16

Instrument :

MSVOA_X

ClientSampleId :

SS050MW113-200527MSD

Tot Ion:129 Resp: 187591

Ion Ratio Lower Upper

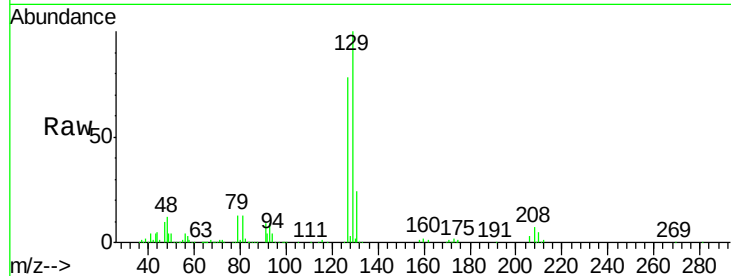
129 100

127 77.6 38.6 116.0

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

150000

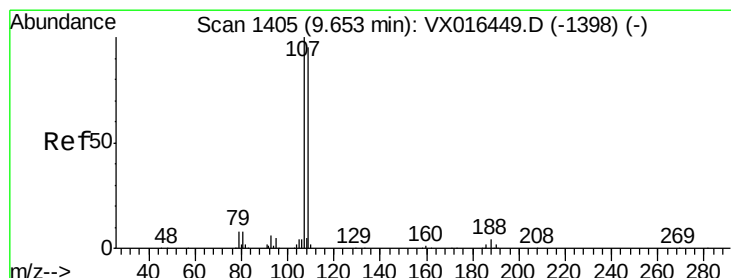
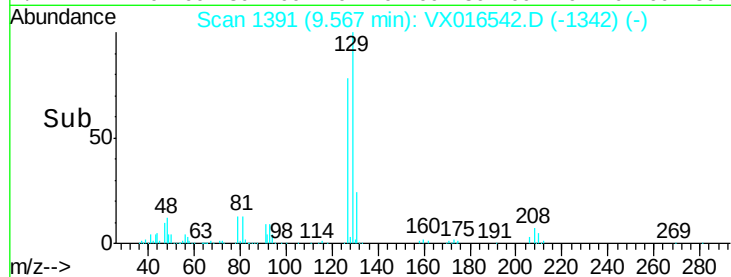
100000

50000

0

9.50 9.55 9.60 9.65

Time-->



#61

1,2-Dibromoethane

Concen: 52.229 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX016542.D

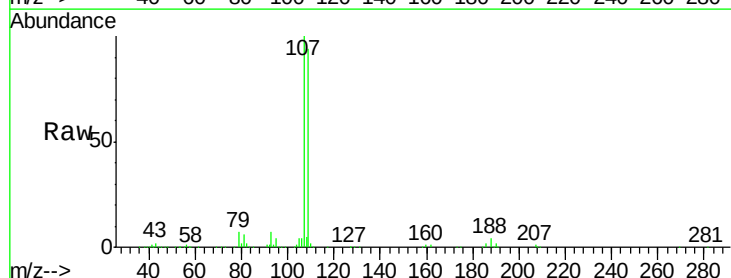
Acq: 01 Jun 2020 20:16

Tgt Ion:107 Resp: 178009

Ion Ratio Lower Upper

107 100

109 94.5 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

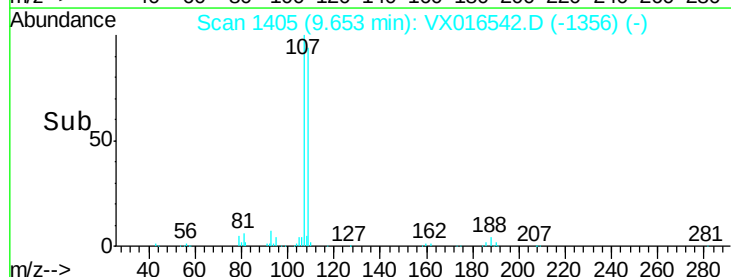
100000

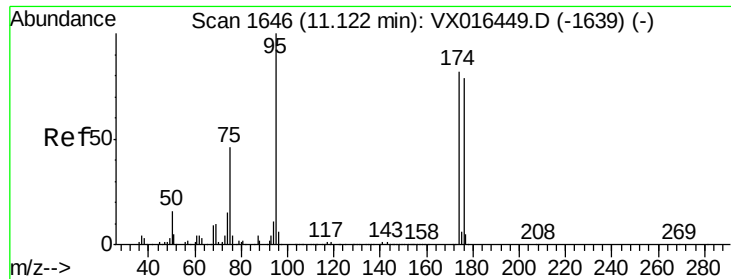
50000

0

9.60 9.65 9.70 9.75

Time-->





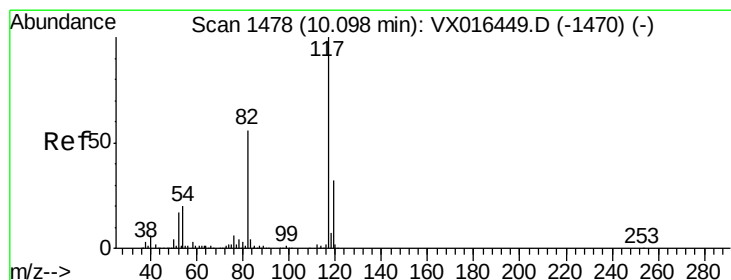
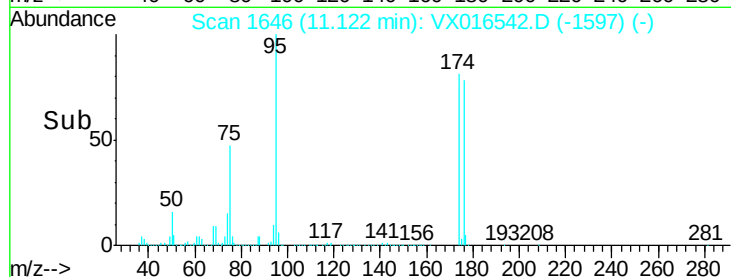
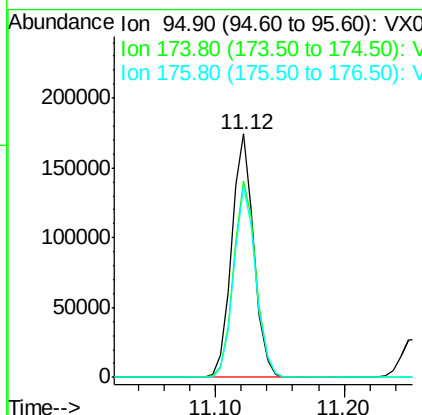
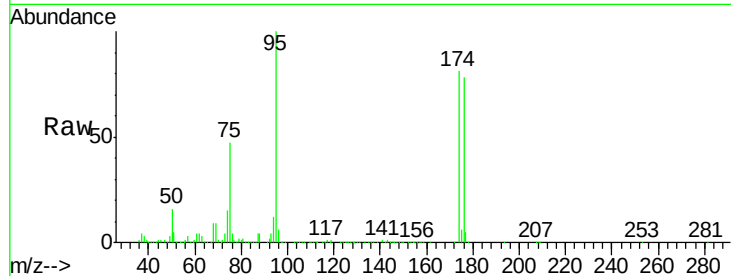
#62
4-Bromofluorobenzene
Concen: 50.112 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX016542.D
Acq: 01 Jun 2020 20:16

Instrument :
MSVOA_X
ClientSampleId :
SS050MW113-200527MSD

Tot Ion	Ratio	Resp	Lower	Upper
95	100	208928		
174	81.8	0.0	163.0	
176	78.4	0.0	156.8	

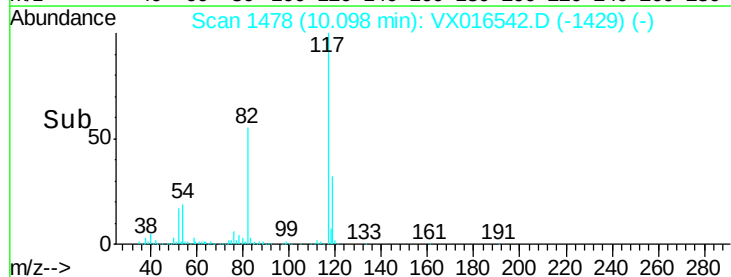
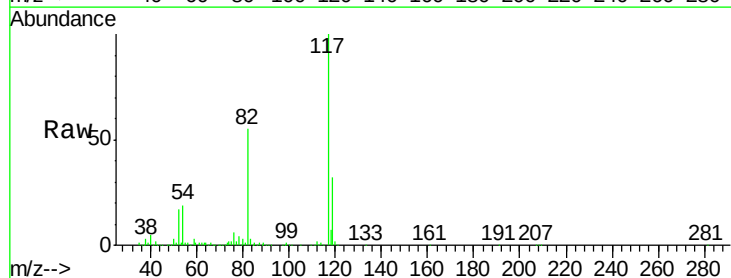
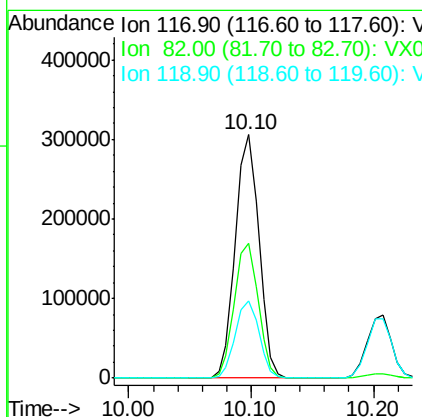
Manual Integrations
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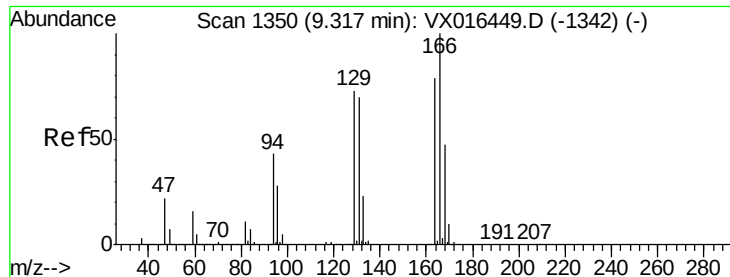
MMDadoda
6/2/2020 11:34:47 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016542.D
Acq: 01 Jun 2020 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	409994		
82	55.1	45.0	67.6	
119	31.9	25.8	38.8	





#64

Tetrachloroethene

Concen: 39.493 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX016542.D

Acq: 01 Jun 2020 20:16

Instrument :

MSVOA_X

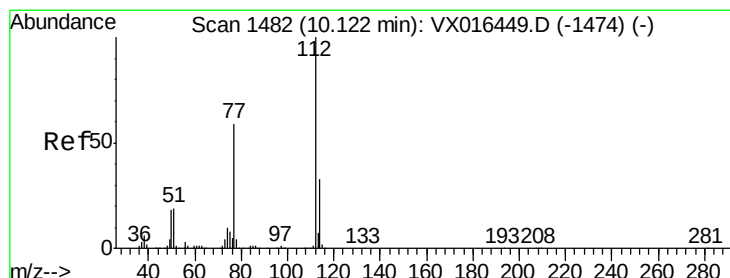
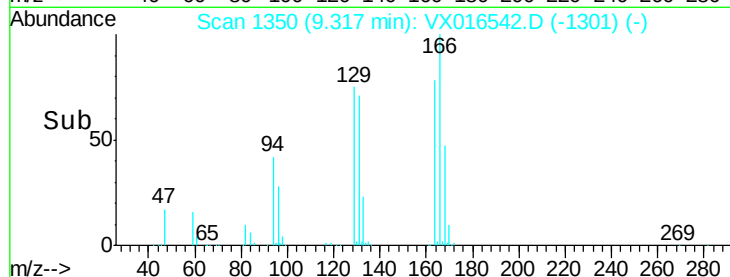
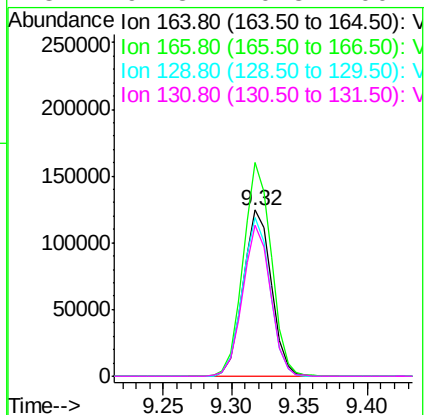
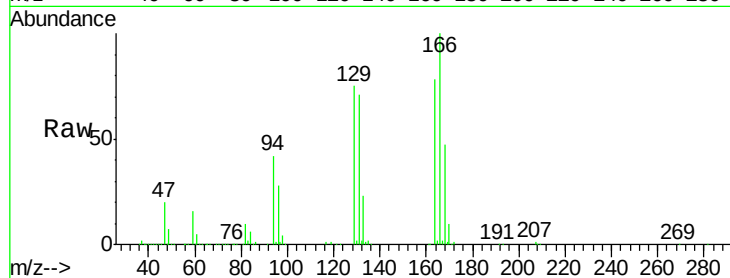
ClientSampleId :

SS050MW113-200527MSD

Tot Ion	Ratio	Lower	Upper
164	100		
166	128.6	100.9	151.3
129	95.9	73.2	109.8
131	91.3	70.8	106.2

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#65

Chlorobenzene

Concen: 51.393 ug/l

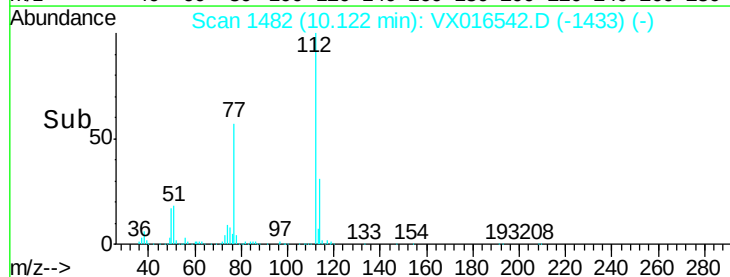
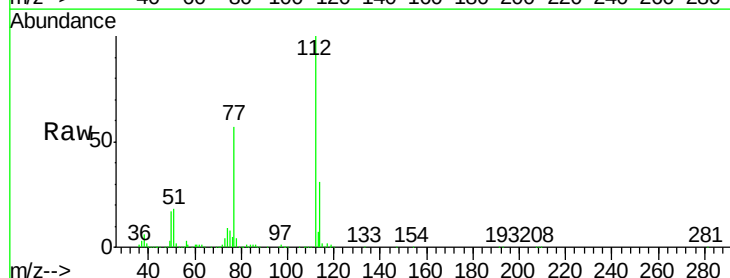
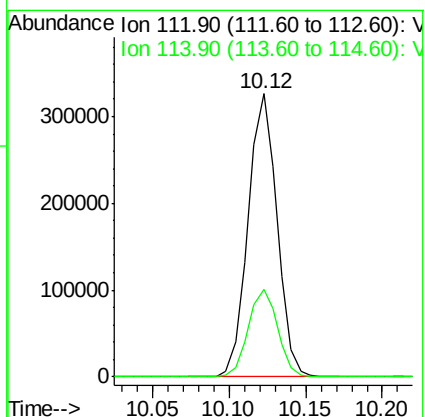
RT: 10.12 min Scan# 1482

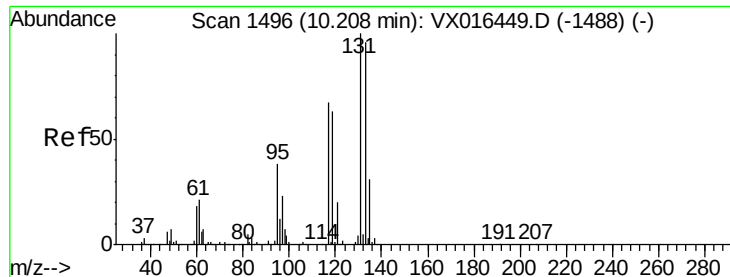
Delta R.T. 0.00 min

Lab File: VX016542.D

Acq: 01 Jun 2020 20:16

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.1	26.0	39.0





#66

1,1,1,2-Tetrachloroethane

Concen: 50.980 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VX016542.D

Acq: 01 Jun 2020 20:16

Instrument :

MSVOA_X

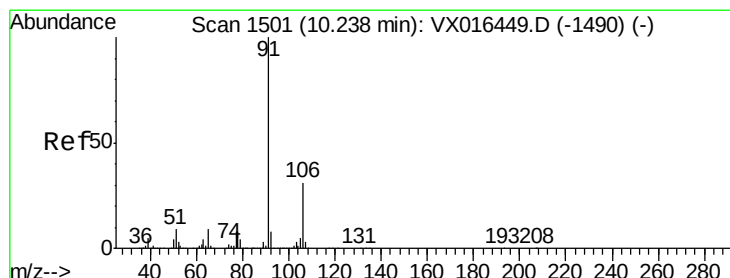
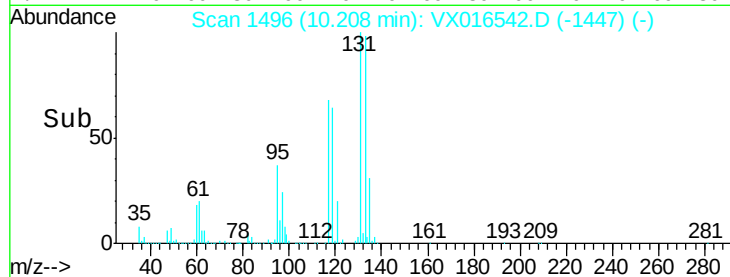
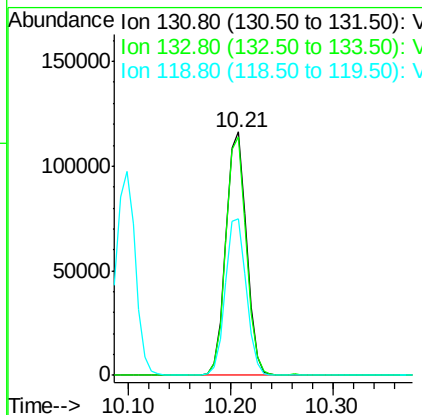
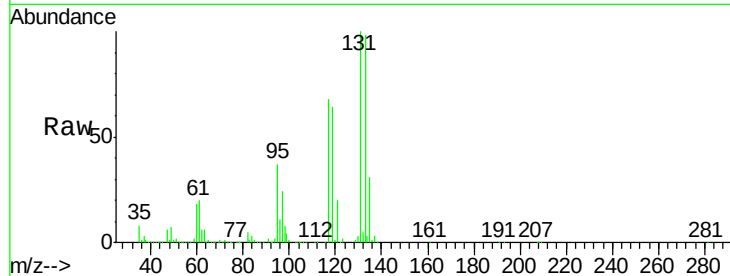
ClientSampleId :

SS050MW113-200527MSD

Tot Ion:	131	Resp:	162662
Ion Ratio	Lower	Upper	
131	100		
133	96.5	48.4	145.3
119	65.0	32.0	96.2

Manual Integrations
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#67

Ethyl Benzene

Concen: 50.713 ug/l

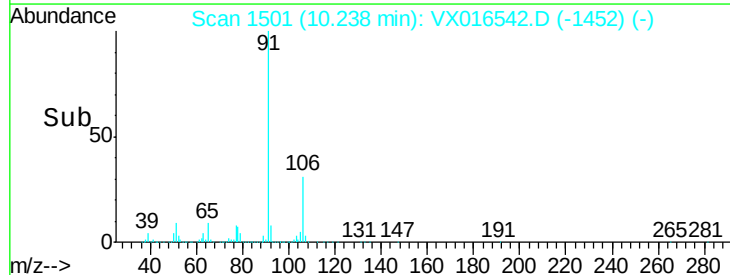
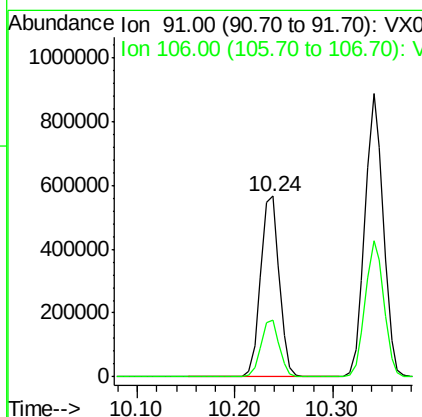
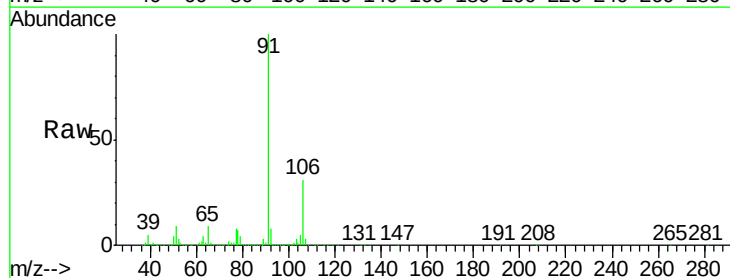
RT: 10.24 min Scan# 1501

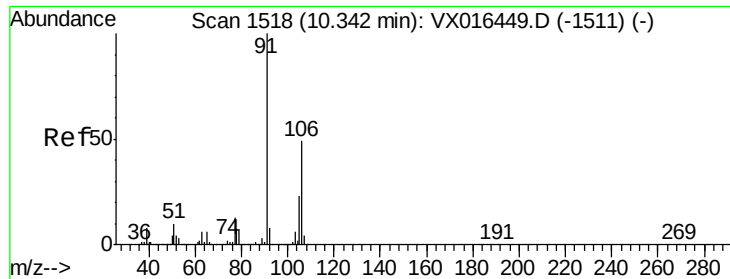
Delta R.T. 0.00 min

Lab File: VX016542.D

Acq: 01 Jun 2020 20:16

Tgt Ion:	91	Resp:	754709
Ion Ratio	Lower	Upper	
91	100		
106	31.5	25.0	37.4





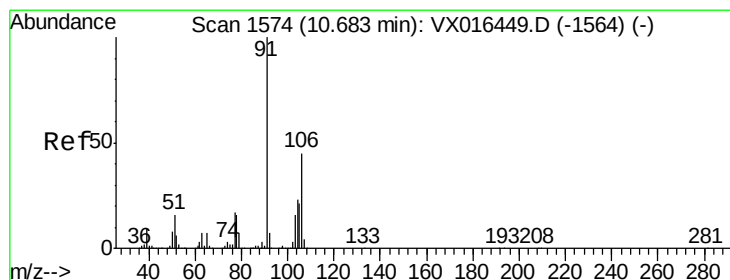
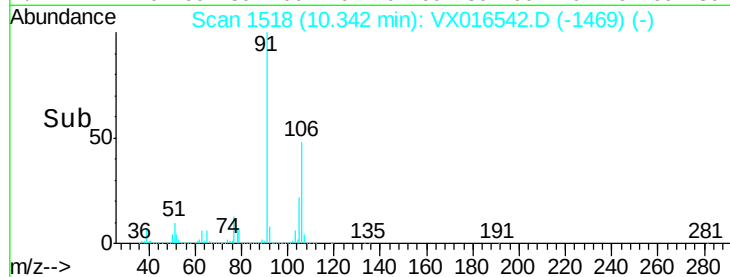
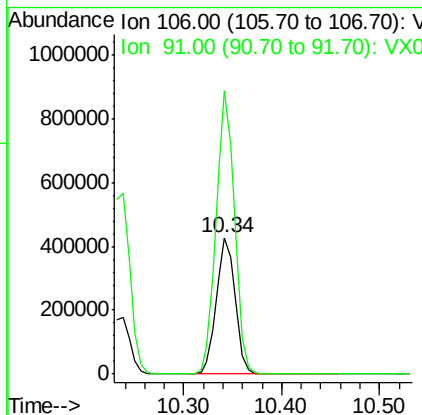
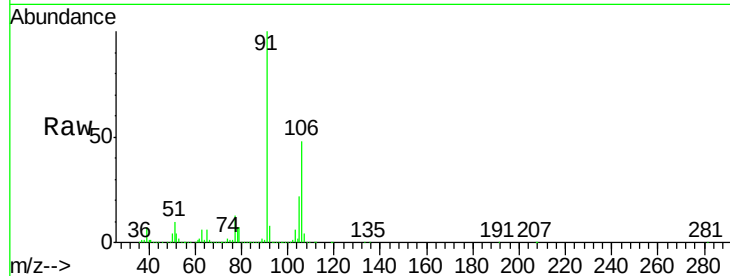
#68
m/p-Xylenes
Concen: 103.043 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX016542.D
Acq: 01 Jun 2020 20:16

Instrument :
MSVOA_X
ClientSampleId :
SS050MW113-200527MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		568569		
91	204.5	163.8	245.8		

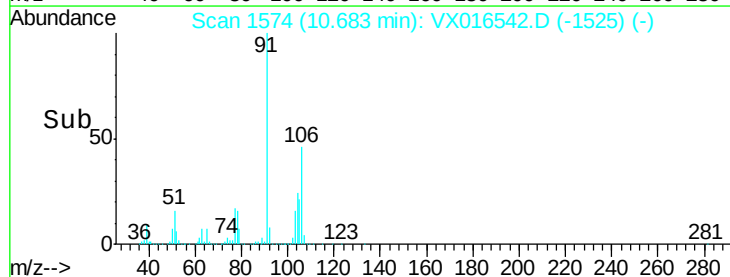
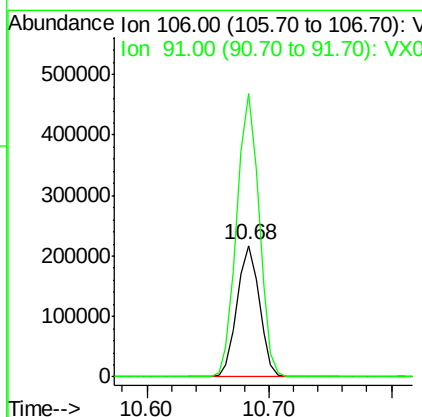
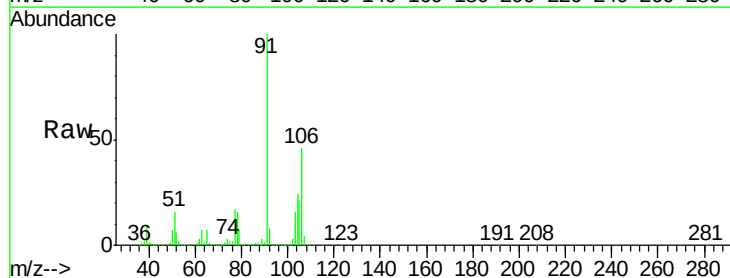
Manual Integrations
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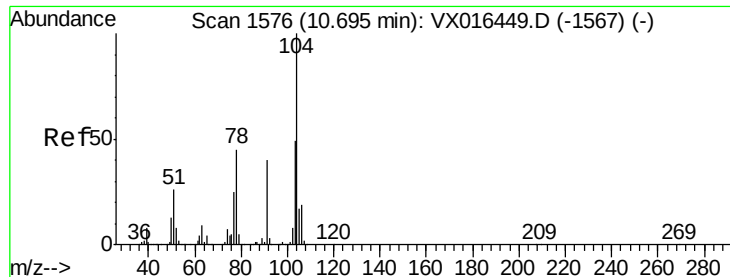
MMDadoda
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#69
o-Xylene
Concen: 51.387 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016542.D
Acq: 01 Jun 2020 20:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100		274599		
91	215.5	109.6	328.8		





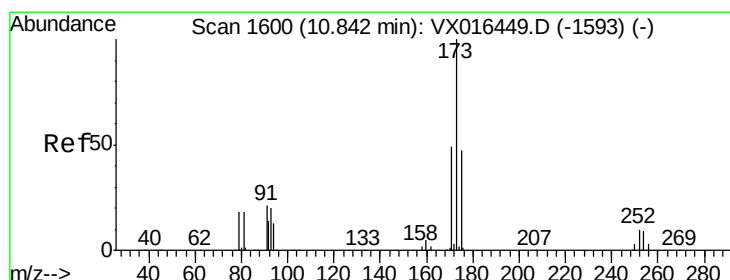
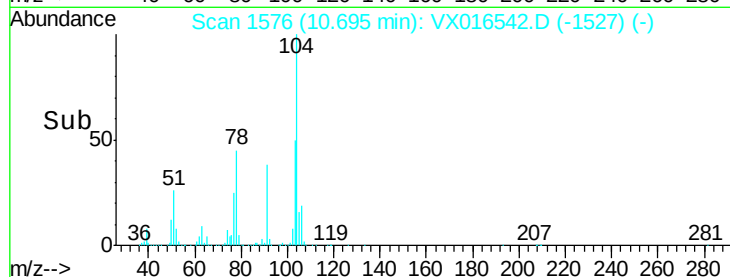
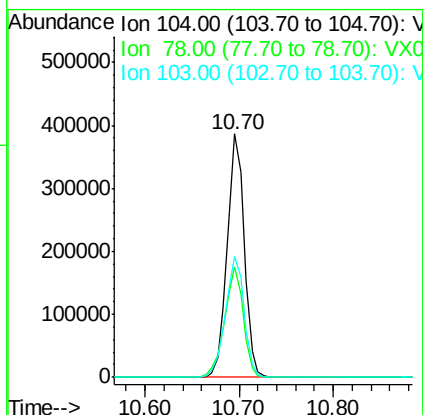
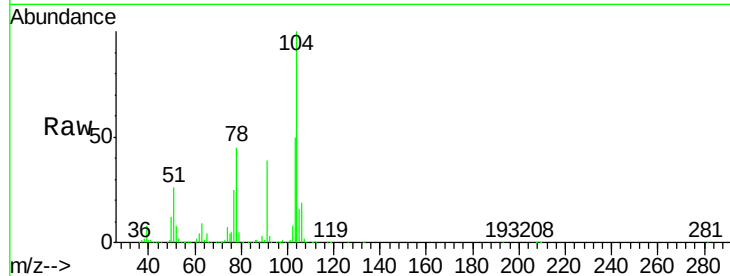
#70
Stvrene
Concen: 53.130 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016542.D
Acq: 01 Jun 2020 20:16

Instrument :
MSVOA_X
ClientSampleId :
SS050MW113-200527MSD

Tot Ion	Ratio	Lower	Upper
104	100		
78	49.3	40.2	60.2
103	54.3	43.1	64.7

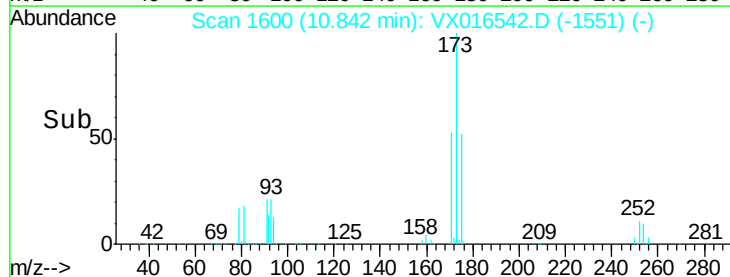
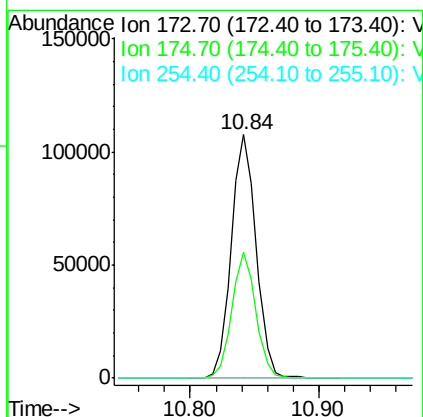
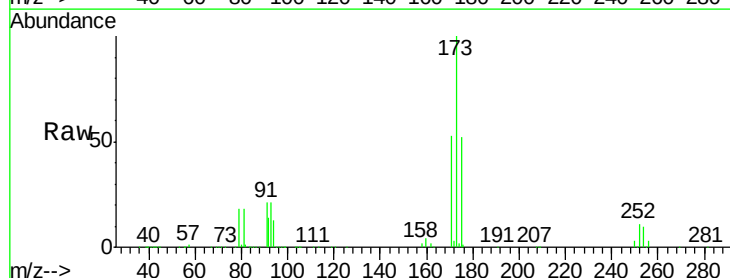
Manual Integrations
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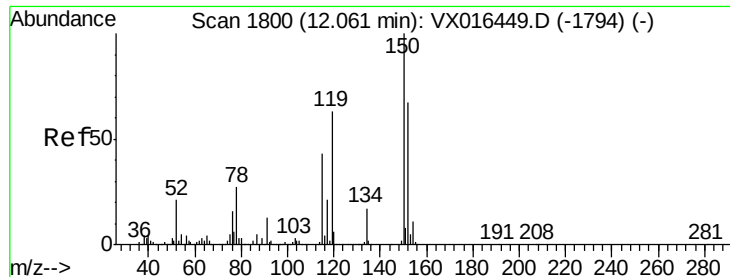
MMDadoda
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#71
Bromoform
Concen: 53.802 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX016542.D
Acq: 01 Jun 2020 20:16

Tgt Ion	Ratio	Lower	Upper
173	100		
175	50.1	23.9	71.7
254	0.1	0.1	0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX016542.D

Acq: 01 Jun 2020 20:16

Instrument :

MSVOA_X

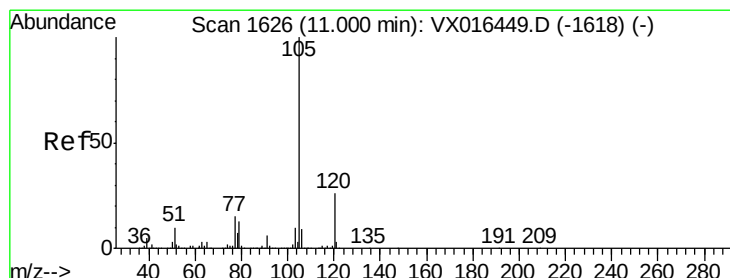
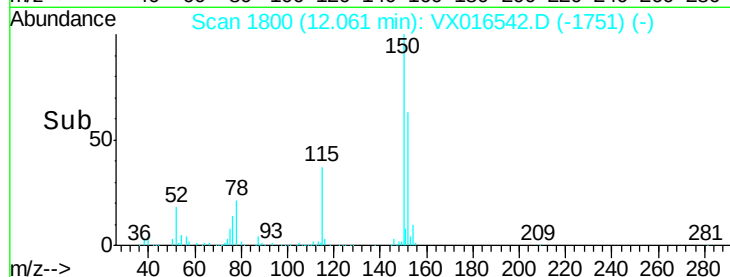
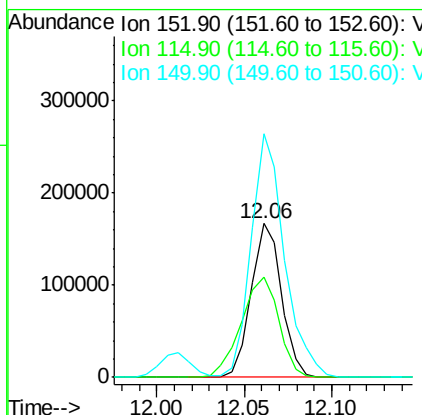
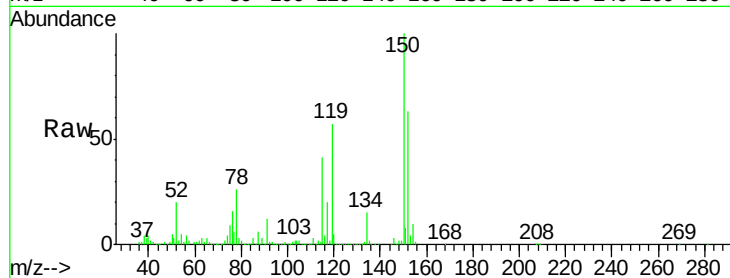
ClientSampleId :

SS050MW113-200527MSD

Tot Ion:	152	Resp:	201722
Ion Ratio	Lower	Upper	
152	100		
115	80.4	39.9	119.6
150	173.5	0.0	341.0

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#73

Isopropylbenzene

Concen: 51.607 ug/l

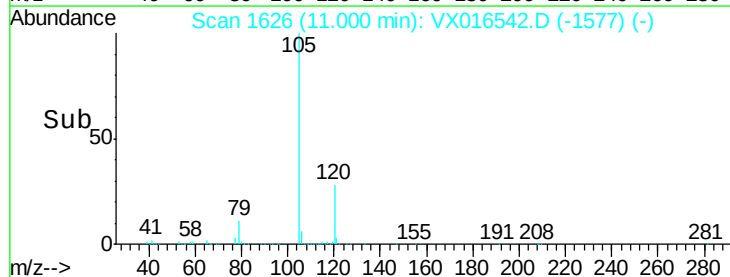
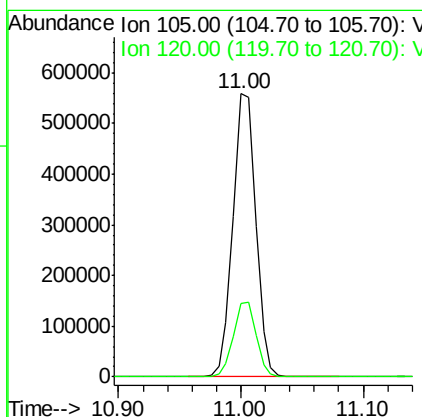
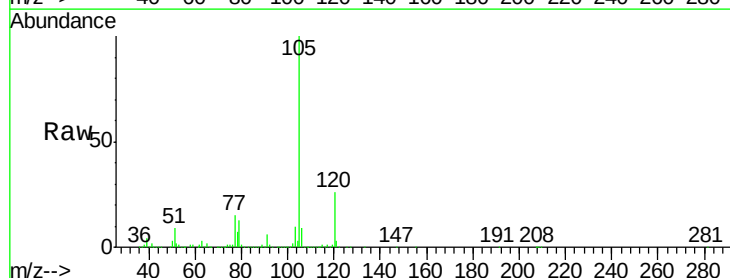
RT: 11.00 min Scan# 1626

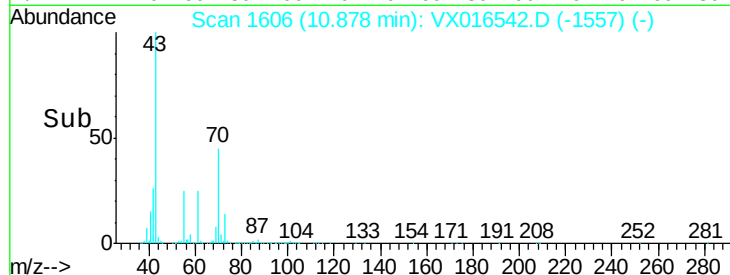
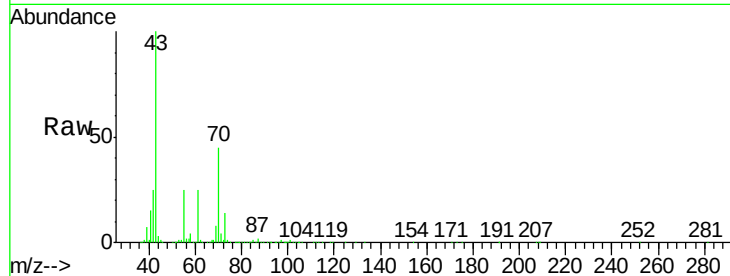
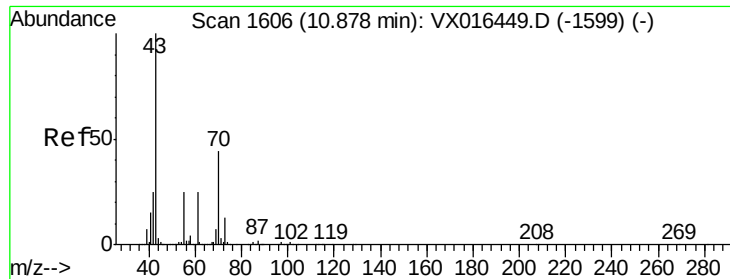
Delta R.T. 0.00 min

Lab File: VX016542.D

Acq: 01 Jun 2020 20:16

Tgt Ion:	105	Resp:	721312
Ion Ratio	Lower	Upper	
105	100		
120	26.1	13.1	39.3





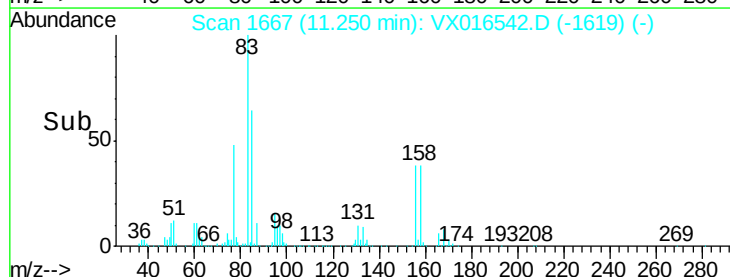
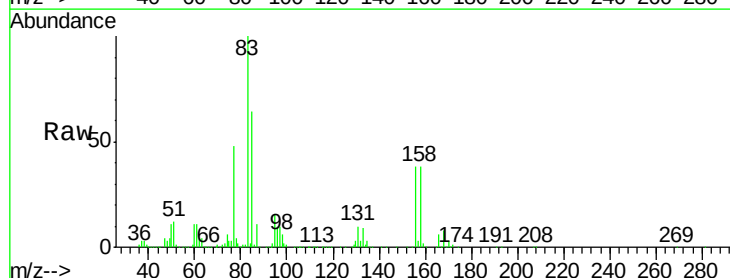
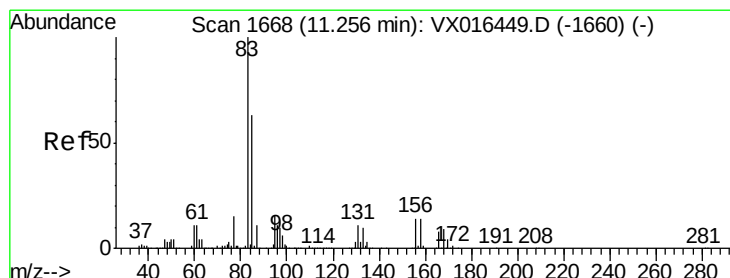
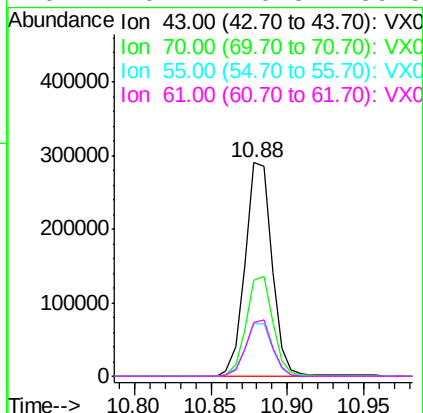
#74
N-amvl acetate
Concen: 54.883 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VX016542.D
Acq: 01 Jun 2020 20:16

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	43	100	352842		
70	70	46.4		36.1	54.1
55	55	24.9		20.2	30.4
61	61	26.1		20.3	30.5

Instrument :
MSVOA_X
ClientSampleId :
SS050MW113-200527MSD

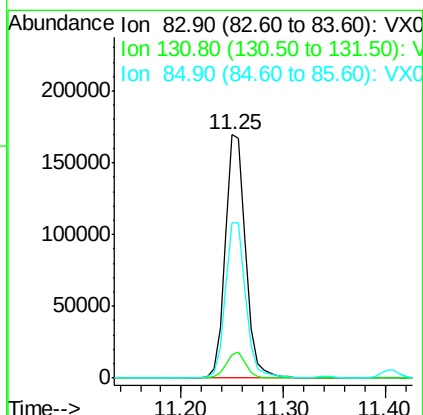
Manual Integrations
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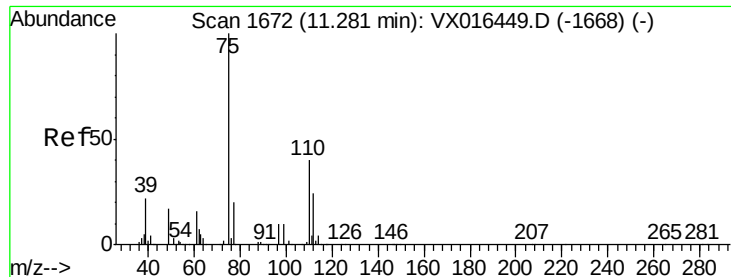
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#75
1,1,2,2-Tetrachloroethane
Concen: 65.986 ug/l
RT: 11.25 min Scan# 1667
Delta R.T. -0.01 min
Lab File: VX016542.D
Acq: 01 Jun 2020 20:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	83	100	231142		
131	131	10.3		5.1	15.3
85	85	64.2		32.0	96.2





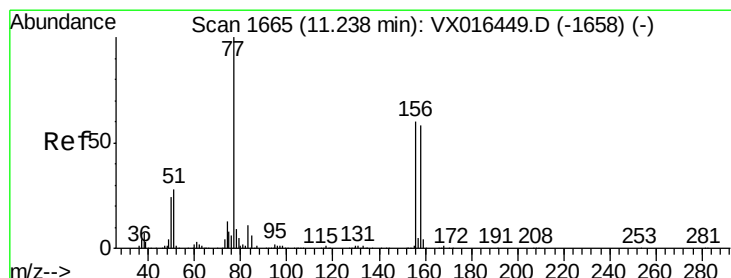
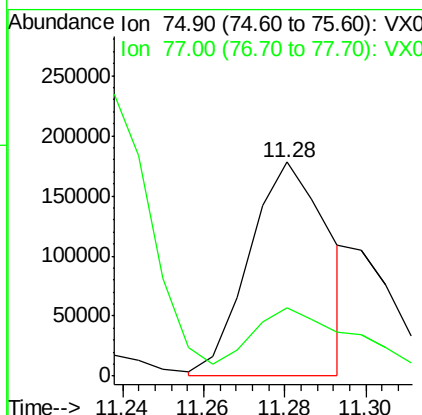
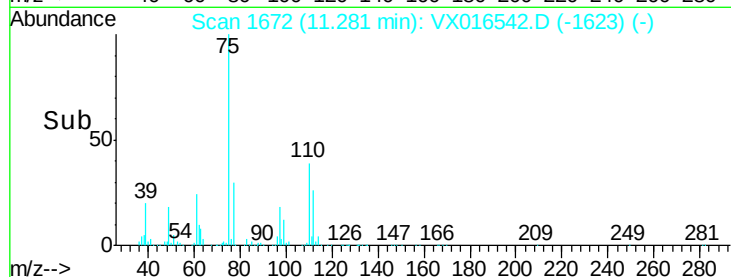
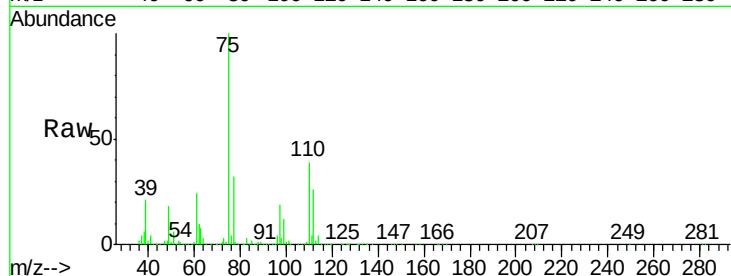
#76
 1,2,3-Trichloropropane
 Concen: 54.312 ug/l m
 RT: 11.28 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: VX016542.D
 Acq: 01 Jun 2020 20:16

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW113-200527MSD

Tot Ion: 75 Resp: 240816
 Ion Ratio Lower Upper
 75 100
 77 42.5 21.3 63.7

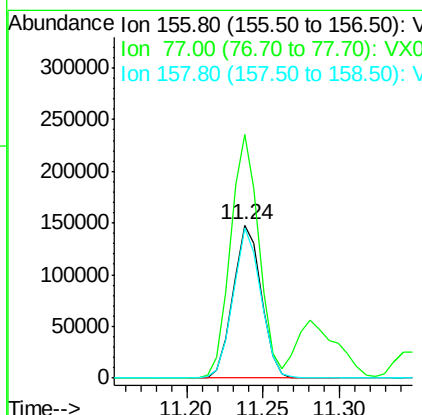
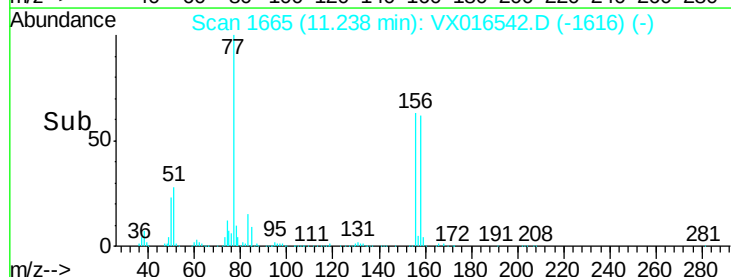
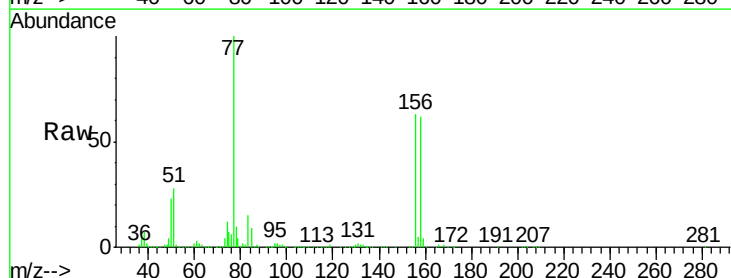
Manual Integrations
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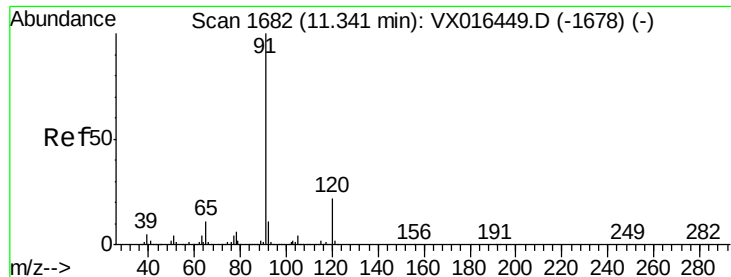
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 6/2/2020 11:34:47 AM



#77
 Bromobenzene
 Concen: 51.587 ug/l
 RT: 11.24 min Scan# 1665
 Delta R.T. 0.00 min
 Lab File: VX016542.D
 Acq: 01 Jun 2020 20:16

Tgt Ion: 156 Resp: 189112
 Ion Ratio Lower Upper
 156 100
 77 160.0 79.6 238.8
 158 96.5 48.1 144.4





#78

n-propylbenzene

Concen: 51.806 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.01 min

Lab File: VX016542.D

Acq: 01 Jun 2020 20:16

Instrument :

MSVOA_X

ClientSampleId :

SS050MW113-200527MSD

Tot Ion: 91 Resp: 808966

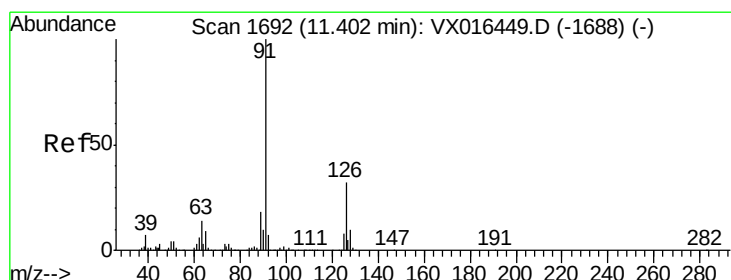
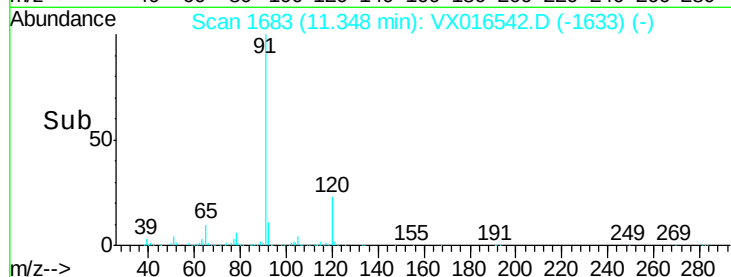
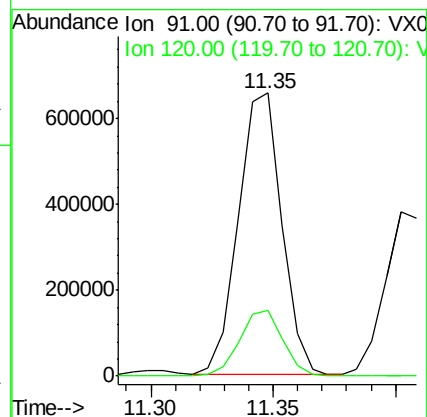
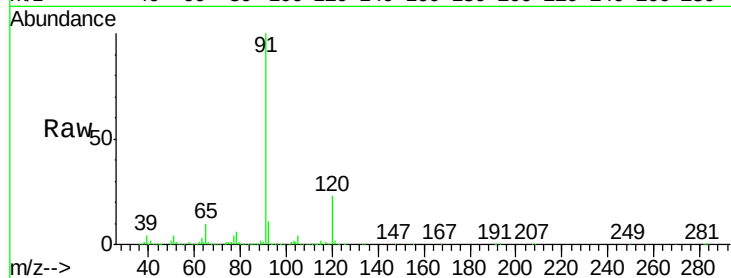
Ion Ratio Lower Upper

91 100

120 23.1 11.6 34.7

Manual Integrations
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6/2/2020 11:34:47 AM



#79

2-Chlorotoluene

Concen: 51.922 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX016542.D

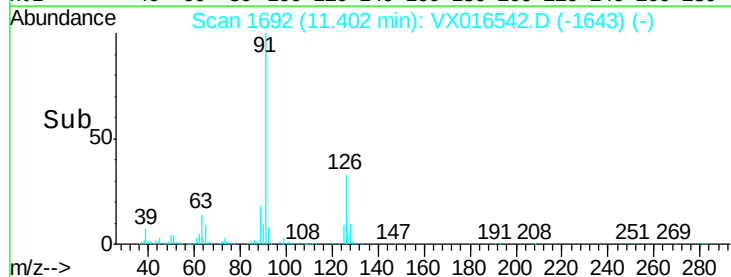
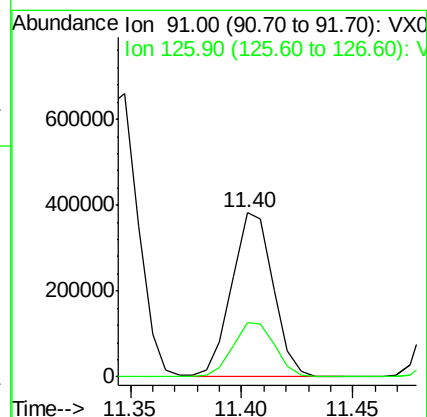
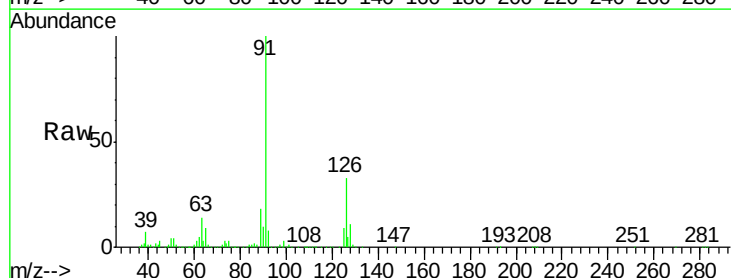
Acq: 01 Jun 2020 20:16

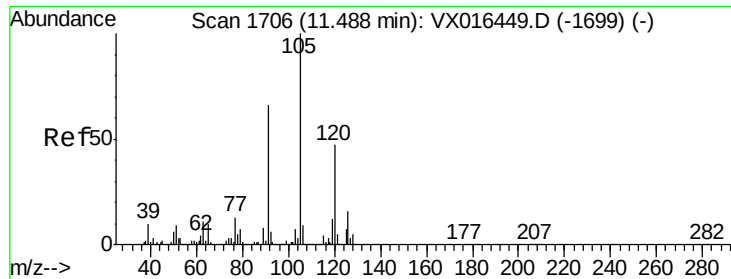
Tgt Ion: 91 Resp: 494900

Ion Ratio Lower Upper

91 100

126 33.6 16.8 50.3





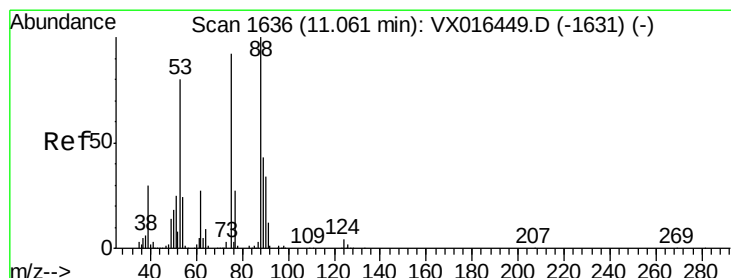
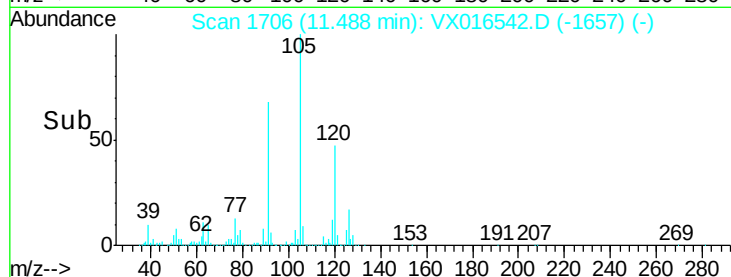
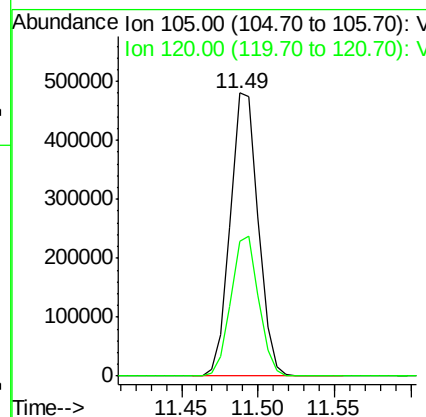
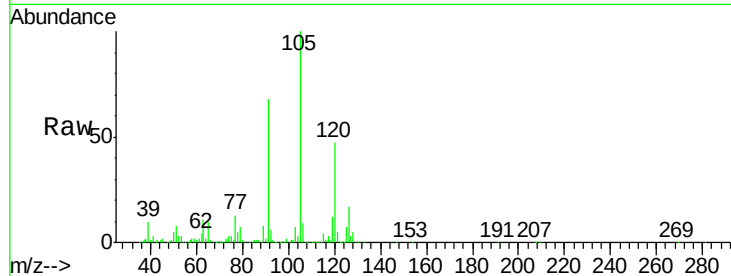
#80
 1,3,5-Trimethylbenzene
 Concen: 52.077 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VX016542.D
 Acq: 01 Jun 2020 20:16

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW113-200527MSD

Tot Ion	Ratio	Lower	Upper
105	100		
120	49.1	24.3	72.8

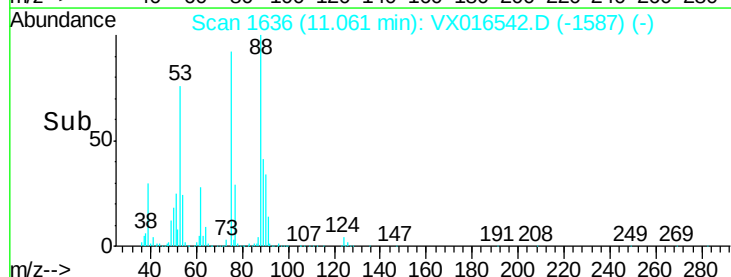
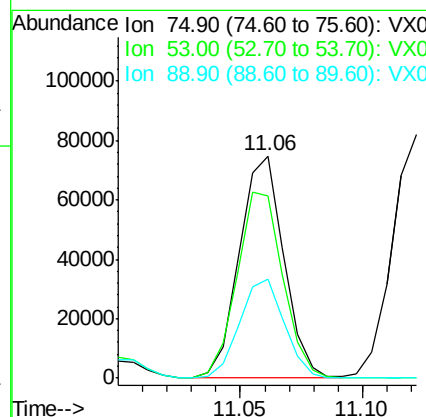
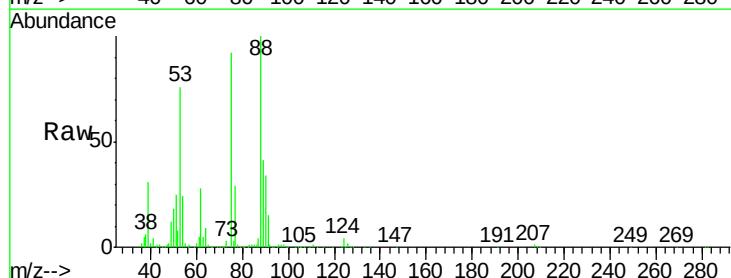
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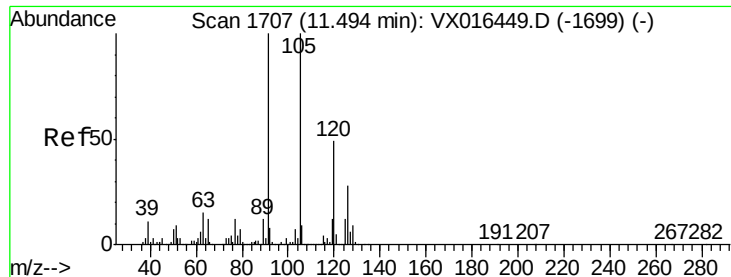
MMDadoda
 6/2/2020 11:34:47 AM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 52.002 ug/l
 RT: 11.06 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: VX016542.D
 Acq: 01 Jun 2020 20:16

Tgt Ion	Ratio	Lower	Upper
75	100		
53	86.7	71.3	106.9
89	45.4	36.6	55.0





#82

4-Chlorotoluene

Concen: 51.935 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX016542.D

Acq: 01 Jun 2020 20:16

Instrument :

MSVOA_X

ClientSampleId :

SS050MW113-200527MSD

Tot Ion: 91 Resp: 584563

Ion Ratio Lower Upper

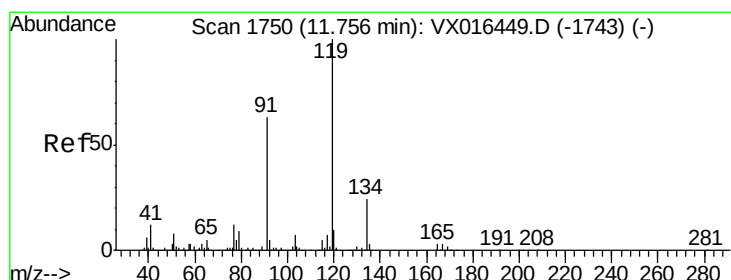
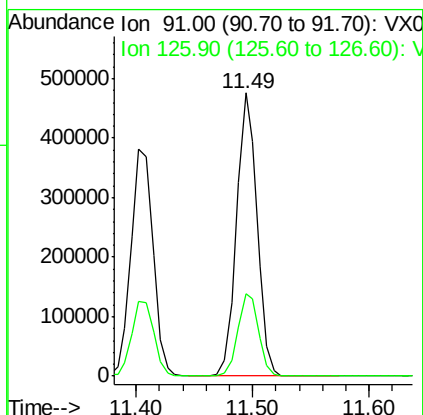
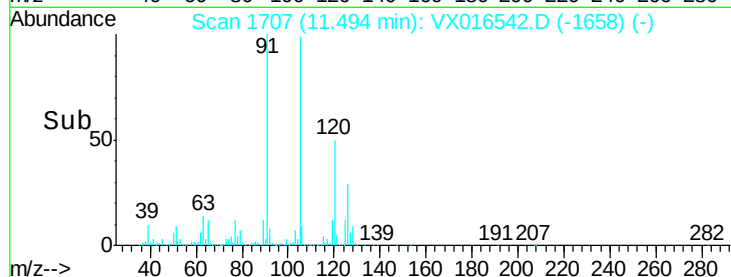
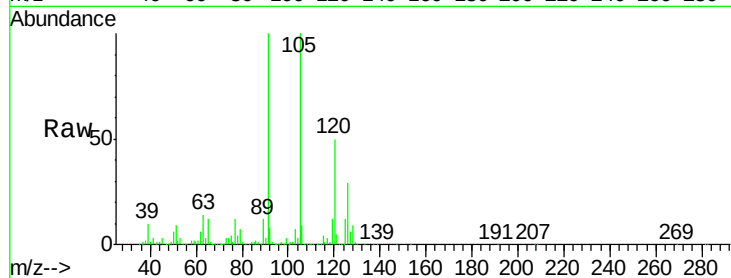
91 100

126 29.4 14.7 44.1

Manual Integrations
APPROVED

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#83

tert-Butylbenzene

Concen: 56.099 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX016542.D

Acq: 01 Jun 2020 20:16

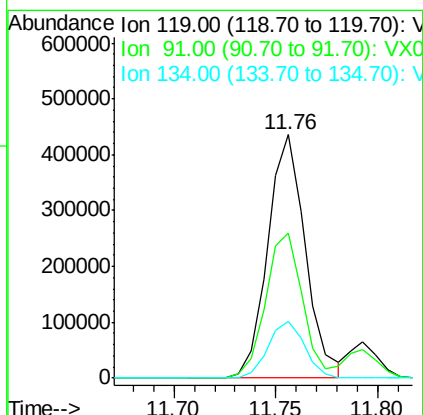
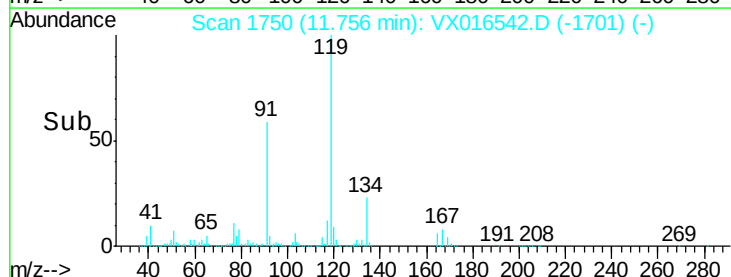
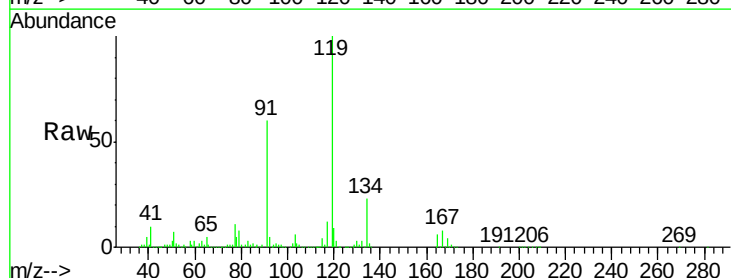
Tgt Ion: 119 Resp: 559417

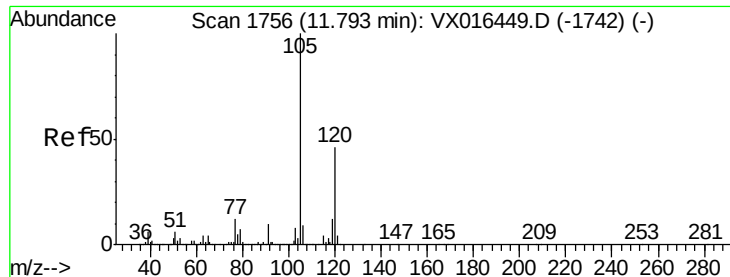
Ion Ratio Lower Upper

119 100

91 57.9 31.3 93.8

134 22.7 12.0 36.0





#84

1,2,4-Trimethylbenzene

Concen: 52.486 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX016542.D

Acq: 01 Jun 2020 20:16

Instrument :

MSVOA_X

ClientSampleId :

SS050MW113-200527MSD

Tot Ion:105 Resp: 619467

Ion Ratio Lower Upper

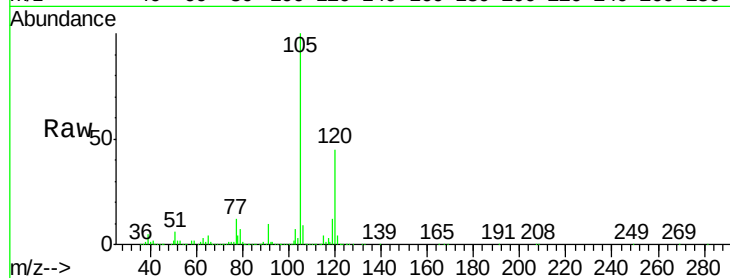
105 100

120 44.5 22.6 67.7

Manual Integrations
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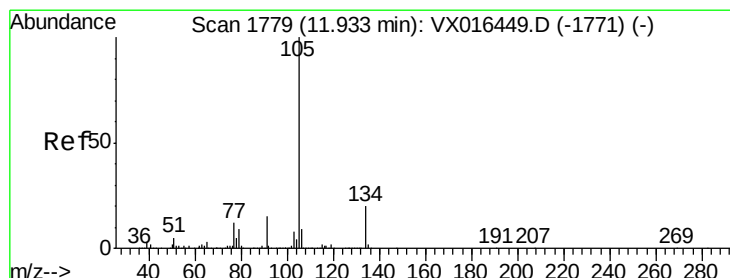
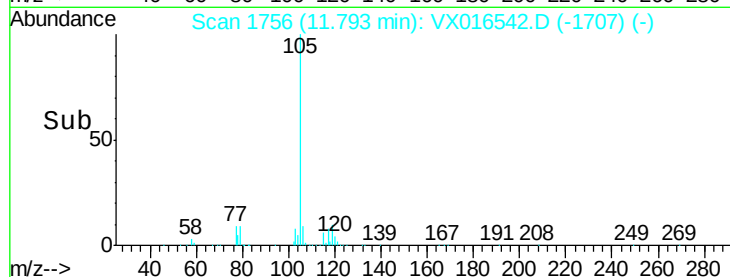
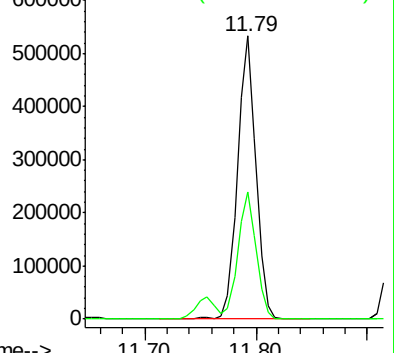
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 52.335 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX016542.D

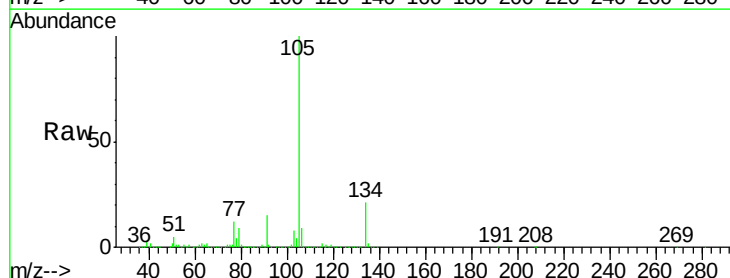
Acq: 01 Jun 2020 20:16

Tgt Ion:105 Resp: 654683

Ion Ratio Lower Upper

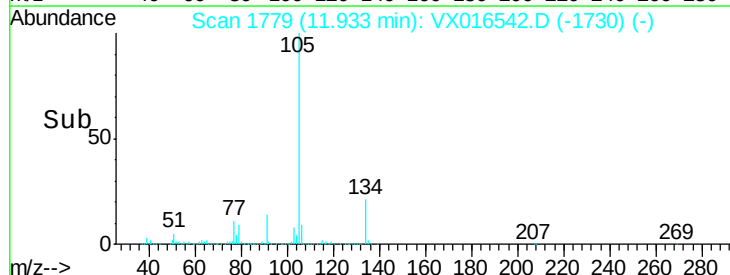
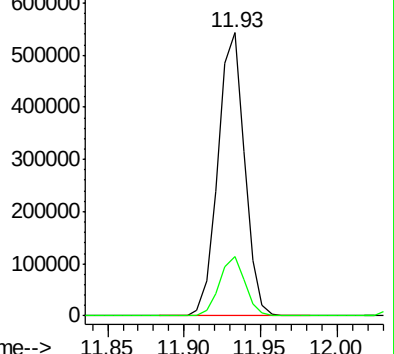
105 100

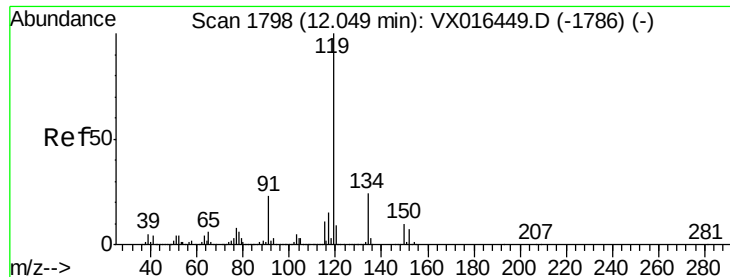
134 20.3 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





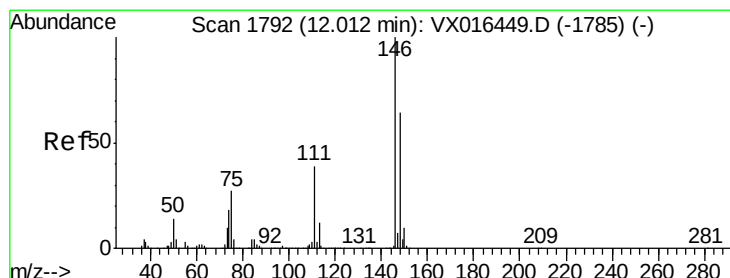
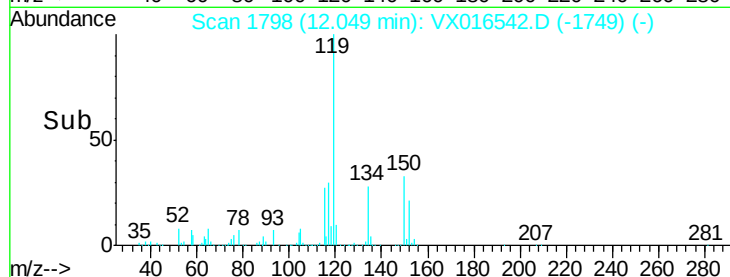
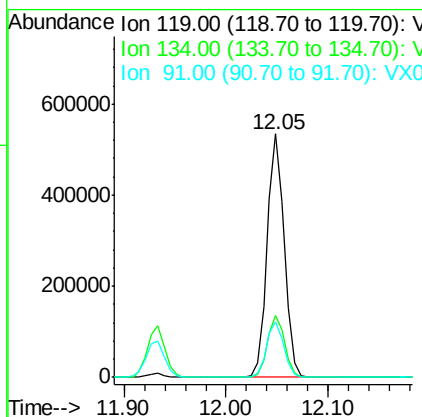
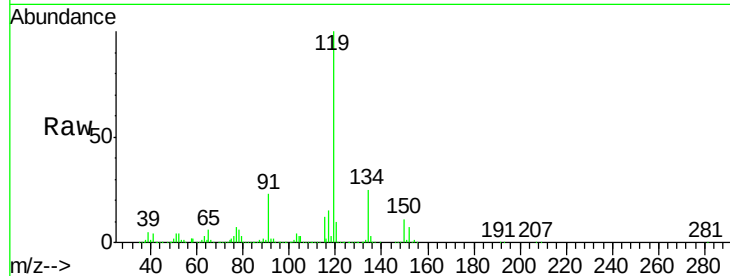
#86
p-Isopropyltoluene
Concen: 52.946 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. 0.00 min
Lab File: VX016542.D
Acq: 01 Jun 2020 20:16

Instrument :
MSVOA_X
ClientSampleId :
SS050MW113-200527MSD

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.6	12.7	38.0
91	23.2	11.7	35.0

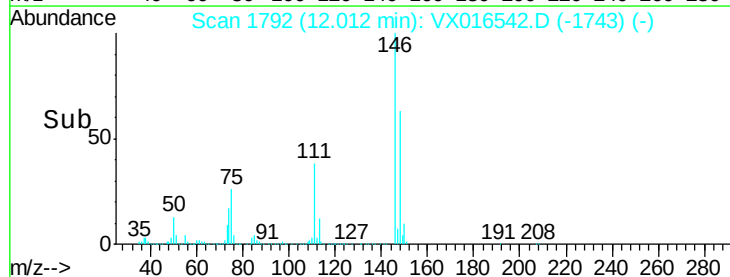
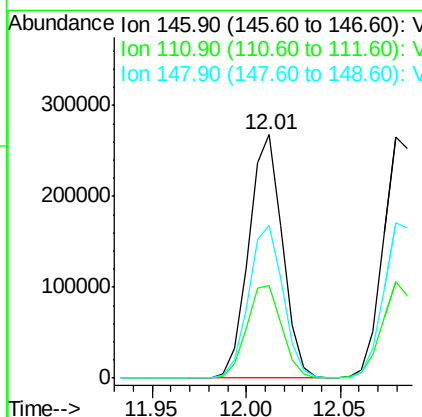
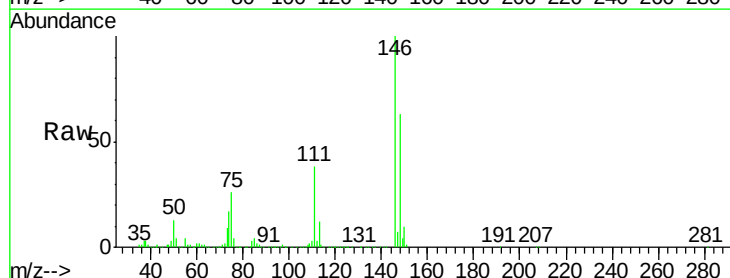
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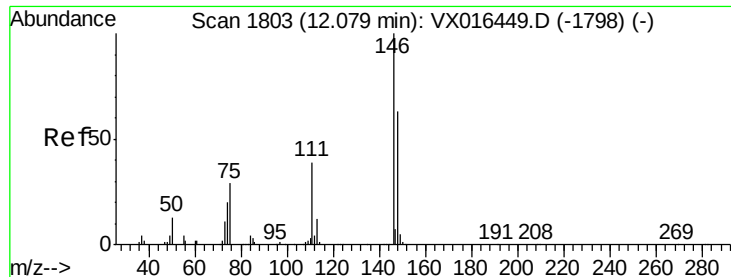
MMDadoda
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#87
1,3-Dichlorobenzene
Concen: 52.151 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX016542.D
Acq: 01 Jun 2020 20:16

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.0	60.0
148	63.9	31.9	95.5





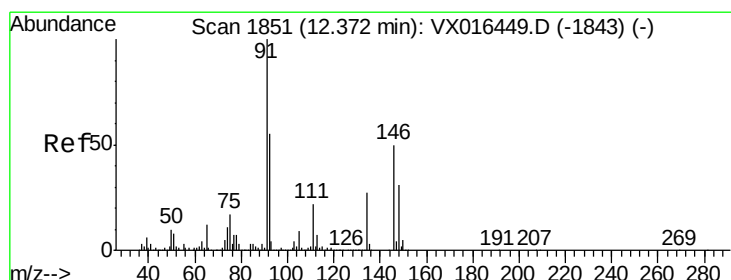
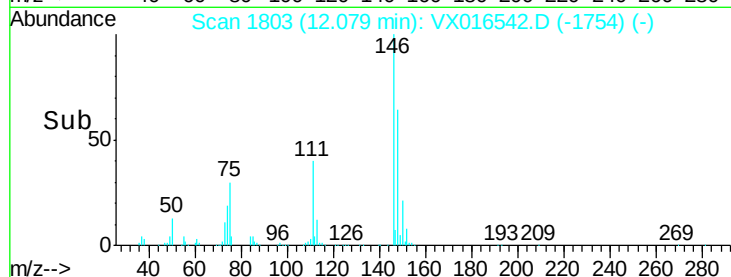
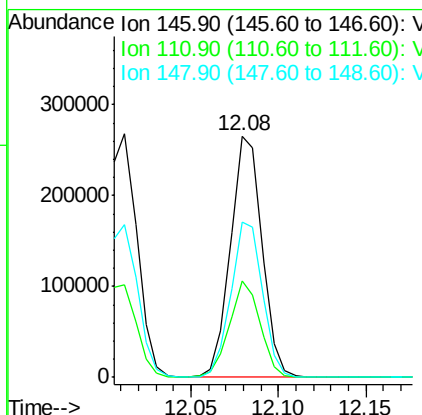
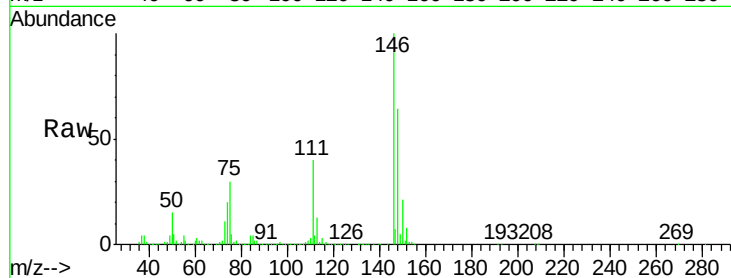
#88
 1,4-Dichlorobenzene
 Concen: 51.250 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX016542.D
 Acq: 01 Jun 2020 20:16

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW113-200527MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.4	58.2
148	64.6	31.4	94.3

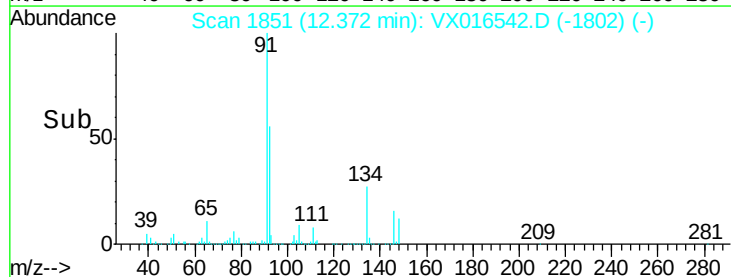
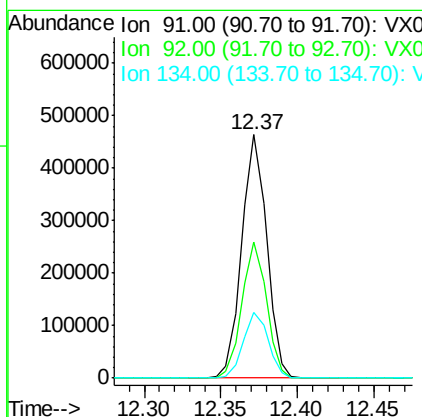
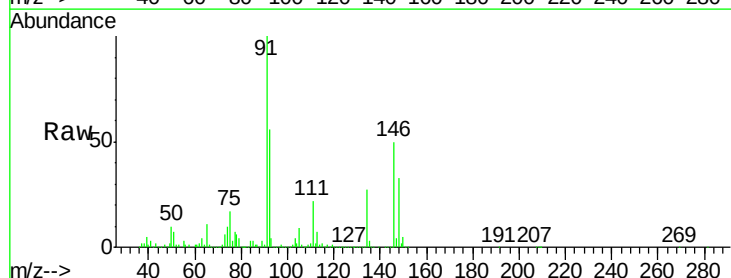
Manual Integrations
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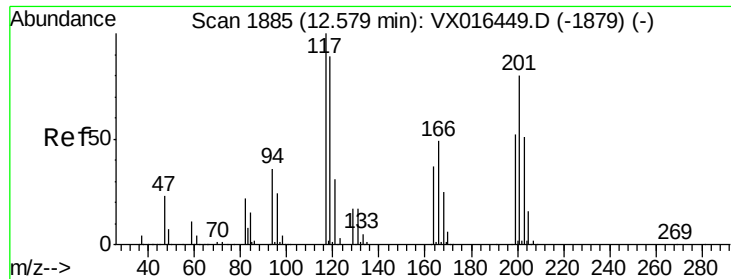
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#89
 n-Butylbenzene
 Concen: 53.929 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VX016542.D
 Acq: 01 Jun 2020 20:16

Tgt Ion	Ratio	Lower	Upper
91	100		
92	55.2	27.2	81.5
134	27.1	13.1	39.3





#90

Hexachloroethane

Concen: 52.742 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX016542.D

Acq: 01 Jun 2020 20:16

Instrument :

MSVOA_X

ClientSampleId :

SS050MW113-200527MSD

Tot Ion:117 Resp: 106753

Ion Ratio Lower Upper

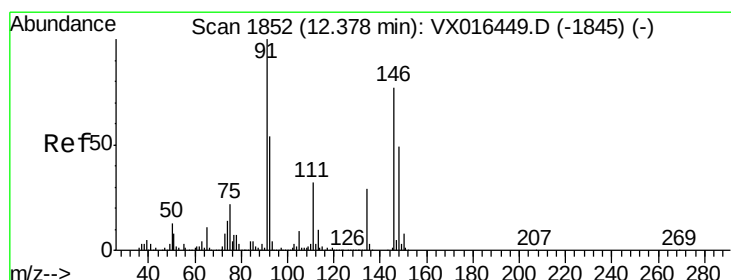
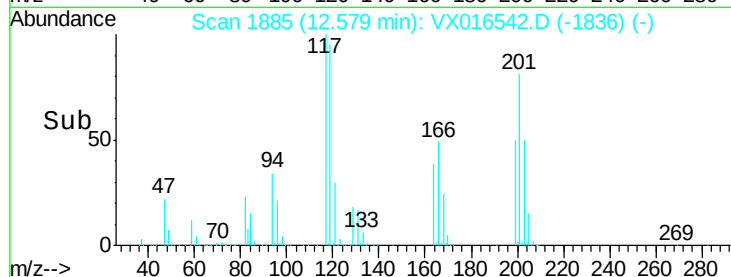
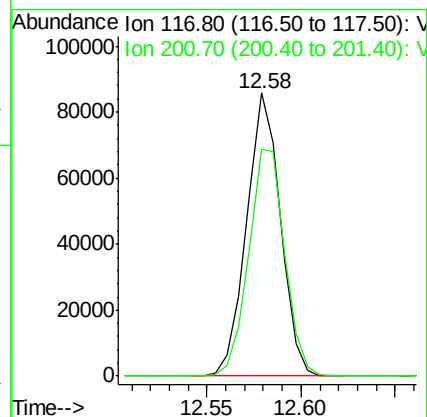
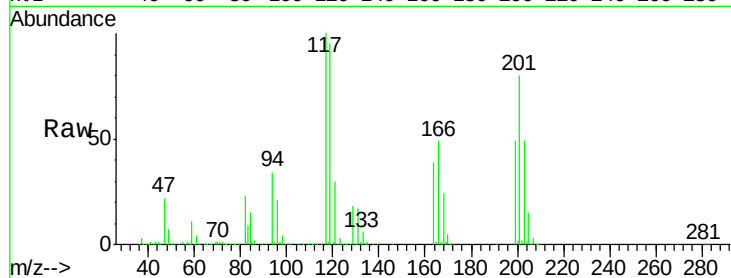
117 100

201 85.4 43.1 129.3

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#91

1,2-Dichlorobenzene

Concen: 52.029 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX016542.D

Acq: 01 Jun 2020 20:16

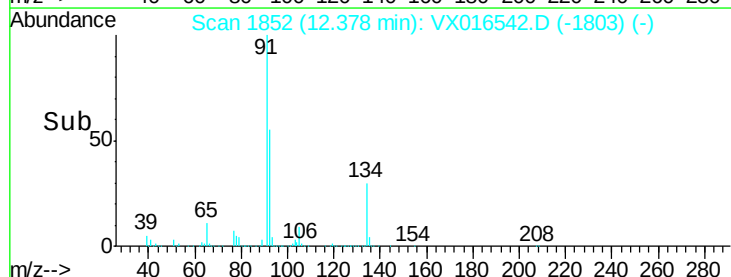
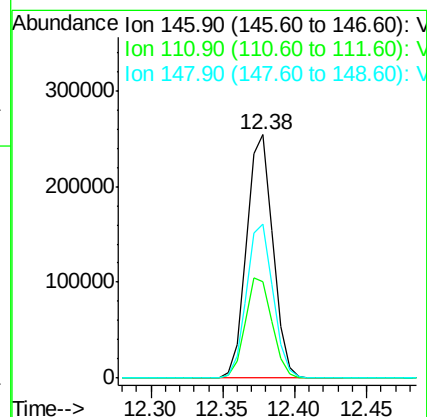
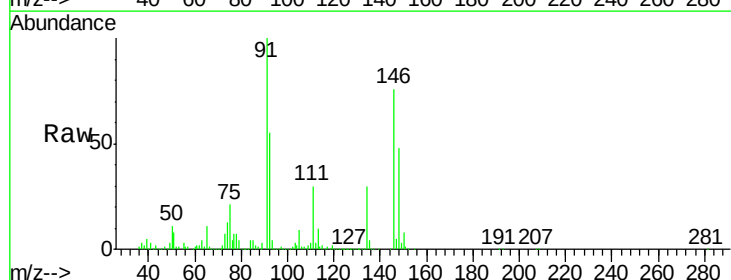
Tgt Ion:146 Resp: 320147

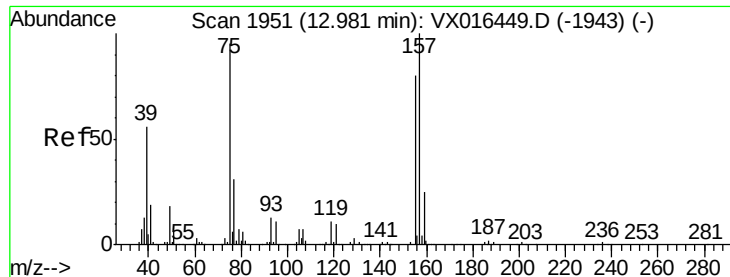
Ion Ratio Lower Upper

146 100

111 42.0 21.4 64.3

148 64.0 31.9 95.7





#92

1,2-Dibromo-3-Chloropropane

Concen: 53.872 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX016542.D

Acq: 01 Jun 2020 20:16

Instrument :

MSVOA_X

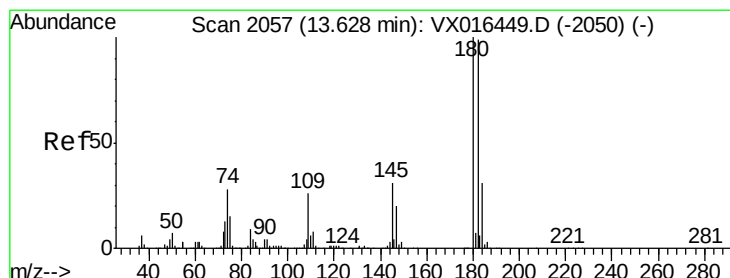
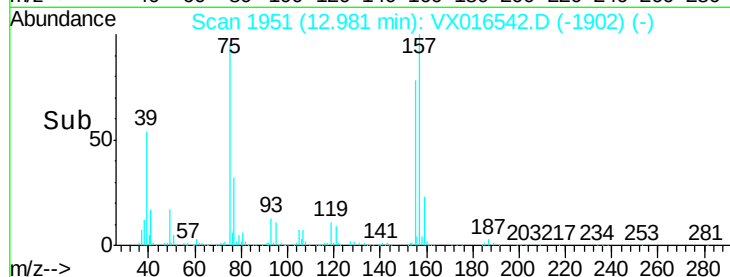
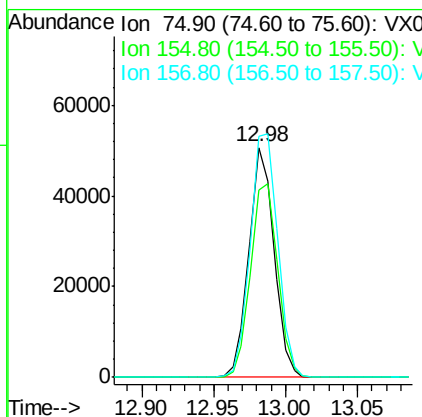
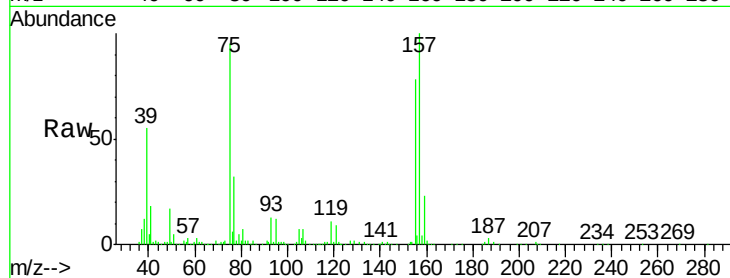
ClientSampleId :

SS050MW113-200527MSD

Tot Ion:	75	Resp:	61124
Ion Ratio	Lower	Upper	
75	100		
155	90.5	44.1	132.4
157	115.5	57.8	173.3

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#93

1,2,4-Trichlorobenzene

Concen: 50.802 ug/l

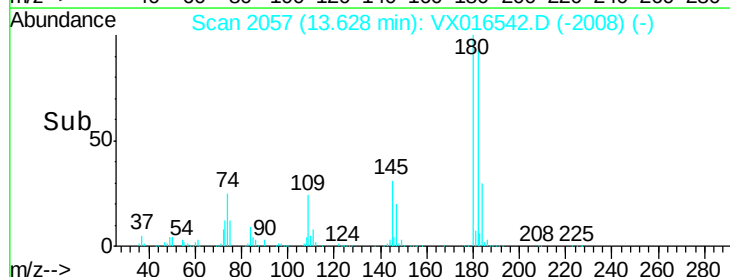
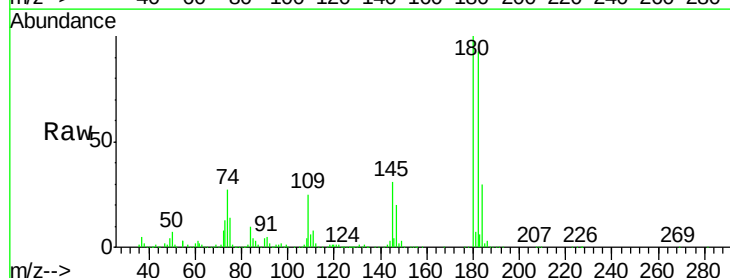
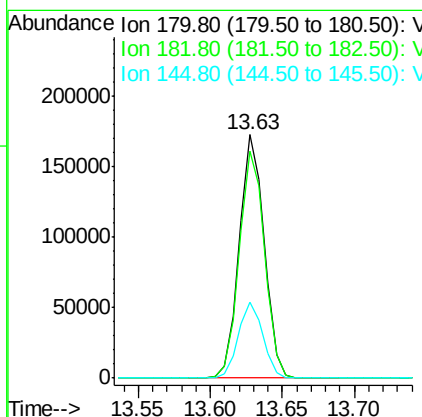
RT: 13.63 min Scan# 2057

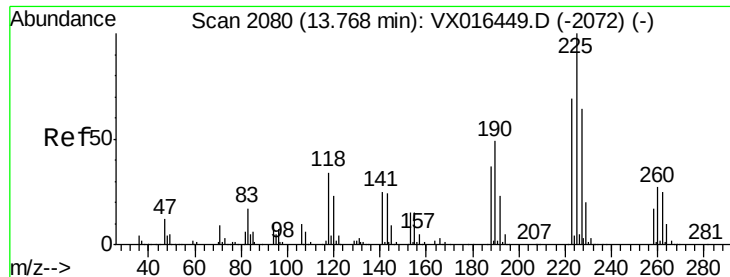
Delta R.T. 0.00 min

Lab File: VX016542.D

Acq: 01 Jun 2020 20:16

Tgt Ion:	180	Resp:	207607
Ion Ratio	Lower	Upper	
180	100		
182	94.4	48.3	144.8
145	30.9	15.4	46.2





#94

Hexachlorobutadiene

Concen: 49.028 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX016542.D

Acq: 01 Jun 2020 20:16

Instrument :

MSVOA_X

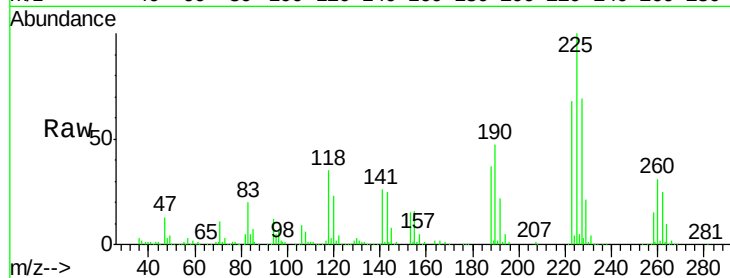
ClientSampleId :

SS050MW113-200527MSD

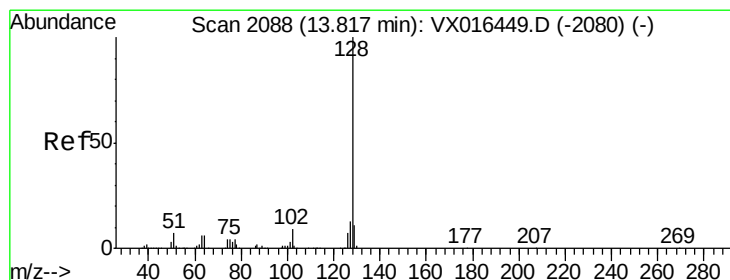
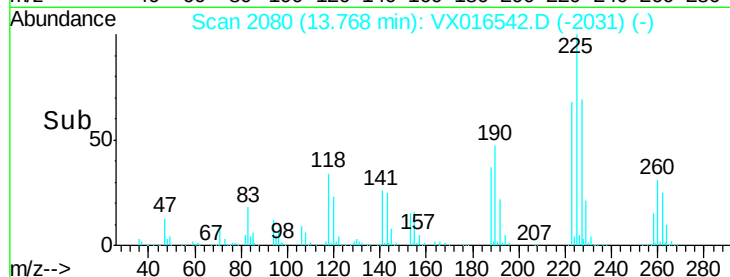
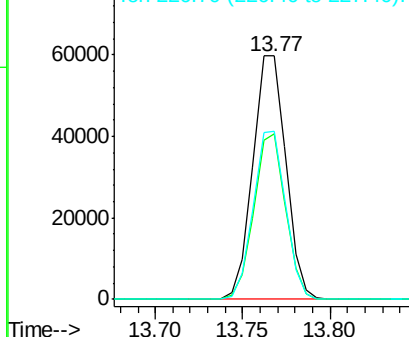
Tot Ion:	225	Resp:	78664
Ion Ratio	Lower	Upper	
225	100		
223	65.1	32.3	96.8
227	67.4	31.6	94.7

Manual Integrations
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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: 48.520 ug/l

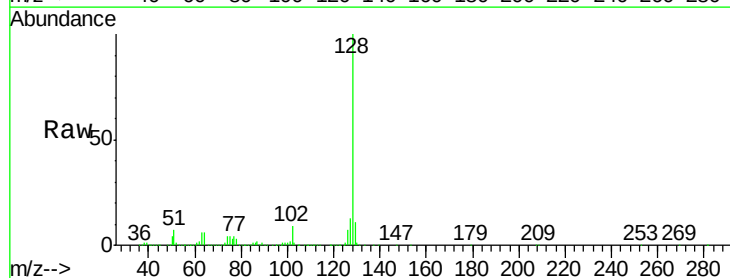
RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

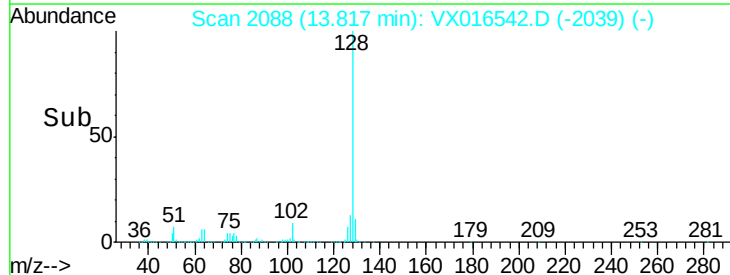
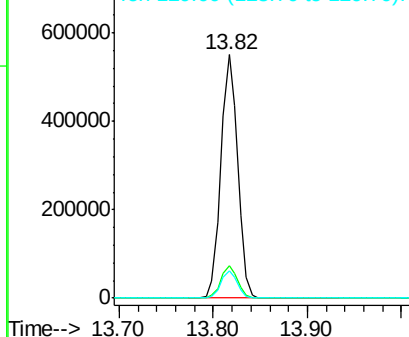
Lab File: VX016542.D

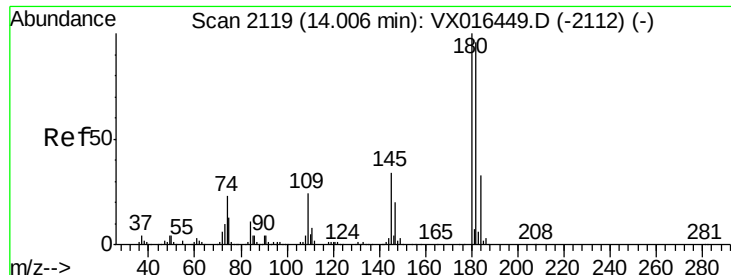
Acq: 01 Jun 2020 20:16

Tgt Ion:	128	Resp:	679725
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.6	15.8
129	11.1	8.6	13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





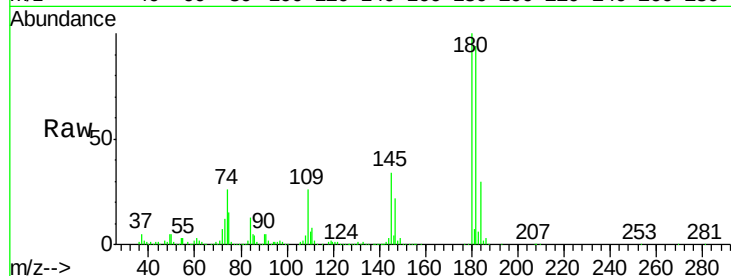
#96
 1,2,3-Trichlorobenzene
 Concen: 48.541 ug/l
 RT: 14.00 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: VX016542.D
 Acq: 01 Jun 2020 20:16

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW113-200527MSD

Tot Ion	Ratio	Resp Lower	Upper
180	100		
182	95.1	48.6	145.8
145	32.6	16.6	49.8

Manual Integrations
 APPROVED

MMDadoda
 6/2/2020 11:34:47 AM



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

