

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051420\
 Data File : VX016243.D
 Acq On : 14 May 2020 19:47
 Operator : JC/SP
 Sample : L2643-09MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW601-200513MS

Manual Integrations
 APPROVED

MMDadoda
 5/15/2020 12:29:17 PM

Quant Time: May 15 04:23:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	244501	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	398382	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	374104	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	195810	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	149369	46.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.86%	
35) Dibromofluoromethane	5.47	113	119227	47.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.48%	
50) Toluene-d8	8.70	98	467482	48.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.14%	
62) 4-Bromofluorobenzene	11.12	95	184842	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	130583	50.458	ug/l	100
3) Chloromethane	1.31	50	138264	46.004	ug/l	99
4) Vinyl Chloride	1.39	62	150350	46.888	ug/l	100
5) Bromomethane	1.62	94	68124	42.141	ug/l	98
6) Chloroethane	1.70	64	91140	46.714	ug/l	99
7) Trichlorofluoromethane	1.91	101	196517	46.682	ug/l	99
8) Diethyl Ether	2.17	74	82760	46.658	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	111952	46.094	ug/l	98
10) Methyl Iodide	2.49	142	124089	38.036	ug/l	100
11) Tert butyl alcohol	3.03	59	191648	235.557	ug/l	100
12) 1,1-Dichloroethene	2.36	96	115912	45.606	ug/l	98
13) Acrolein	2.27	56	128667	252.725	ug/l	99
14) Allyl chloride	2.70	41	211269	45.335	ug/l	95
15) Acrylonitrile	3.12	53	412950	244.667	ug/l	99
16) Acetone	2.42	43	328186	228.611	ug/l	96
17) Carbon Disulfide	2.55	76	332155	43.491	ug/l	99
18) Methyl Acetate	2.75	43	169241	47.947	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	440690	50.297	ug/l	98
20) Methylene Chloride	2.83	84	137013	46.298	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	131640	46.478	ug/l	98
22) Diisopropyl ether	3.82	45	419958	47.768	ug/l	96
23) Vinyl Acetate	3.78	43	1768625	228.658	ug/l	99
24) 1,1-Dichloroethane	3.67	63	238329	48.460	ug/l	99
25) 2-Butanone	4.64	43	564065	243.838	ug/l	99
26) 2,2-Dichloropropane	4.55	77	191663	42.673	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	169815	54.843	ug/l	95
28) Bromochloromethane	4.98	49	103459	46.134	ug/l	97
29) Tetrahydrofuran	5.09	42	368839	240.634	ug/l	97
30) Chloroform	5.18	83	243573	49.742	ug/l	98
31) Cyclohexane	5.55	56	205391	45.953	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	218332	49.052	ug/l	99
36) 1,1-Dichloropropene	5.77	75	181803	46.360	ug/l	99
37) Ethyl Acetate	4.79	43	205981	45.319	ug/l	99
38) Carbon Tetrachloride	5.76	117	190273	47.736	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	207666	43.973	ug/l	100
40) Benzene	6.12	78	552659	48.166	ug/l	100
41) Methacrylonitrile	5.01	41	118019	48.081	ug/l	97
42) 1,2-Dichloroethane	6.17	62	194016	46.939	ug/l	99
43) Isopropyl Acetate	6.42	43	333151	45.940	ug/l	98
44) Trichloroethene	7.19	130	190869	46.824	ug/l	99
45) 1,2-Dichloropropane	7.49	63	143662	49.482	ug/l	98
46) Dibromomethane	7.64	93	96050	48.681	ug/l	99
47) Bromodichloromethane	7.88	83	197684	49.195	ug/l	99
48) Methyl methacrylate	7.75	41	162213	47.206	ug/l	95
49) 1,4-Dioxane	7.72	88	78799	956.134	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1091360	245.926	ug/l	97
52) Toluene	8.77	92	352201	49.245	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	229646	47.931	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	239276	47.813	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	141830	50.404	ug/l	99
56) Ethyl methacrylate	9.16	69	233356	50.806	ug/l	94
57) 1,3-Dichloropropane	9.35	76	246472	50.199	ug/l	100
59) 2-Hexanone	9.48	43	845838	242.703	ug/l	97
60) Dibromochloromethane	9.57	129	161268	52.038	ug/l	99
61) 1,2-Dibromoethane	9.65	107	151624	49.747	ug/l	99
64) Tetrachloroethene	9.32	164	200547	43.667	ug/l	98
65) Chlorobenzene	10.12	112	376487	48.062	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	143063	49.413	ug/l	99
67) Ethyl Benzene	10.24	91	674224	48.239	ug/l	100
68) m/p-Xylenes	10.34	106	509236	97.247	ug/l	98
69) o-Xylene	10.68	106	250379	49.742	ug/l	98
70) Styrene	10.70	104	424523	49.713	ug/l	100
71) Bromoform	10.84	173	127106	53.885	ug/l #	100
73) Isopropylbenzene	11.00	105	655933	46.056	ug/l	100
74) N-amyl acetate	10.88	43	287239	43.239	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	176626	61.366	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	209571m	47.165	ug/l	
77) Bromobenzene	11.24	156	171576	46.673	ug/l	99
78) n-propylbenzene	11.34	91	761734	45.975	ug/l	100
79) 2-Chlorotoluene	11.41	91	452793	46.298	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	560549	46.615	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	86208	46.235	ug/l	97
82) 4-Chlorotoluene	11.49	91	541363	46.876	ug/l	100
83) tert-Butylbenzene	11.76	119	489134	47.200	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	572581	47.098	ug/l	100
85) sec-Butylbenzene	11.93	105	630342	45.050	ug/l	100
86) p-Isopropyltoluene	12.05	119	596042	45.881	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	304091	46.070	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	310922	46.410	ug/l	100
89) n-Butylbenzene	12.37	91	513251	43.247	ug/l	100
90) Hexachloroethane	12.58	117	104896	47.016	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	298918	47.031	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	54959	46.930	ug/l	99
93) 1,2,4-Trichlorobenzene	13.63	180	210764	44.791	ug/l	98

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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)
94) Hexachlorobutadiene	13.77	225	79138	39.172	ug/l	97
95) Naphthalene	13.82	128	715974	46.991	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	206942	44.999	ug/l	100

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



#1

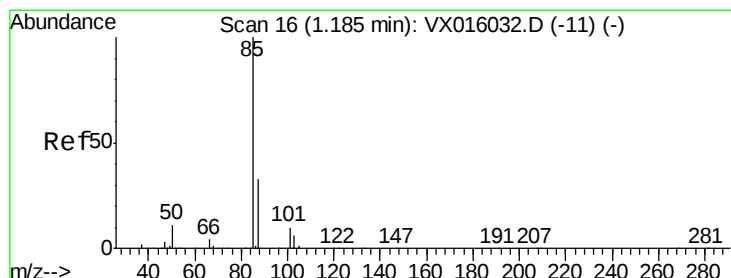
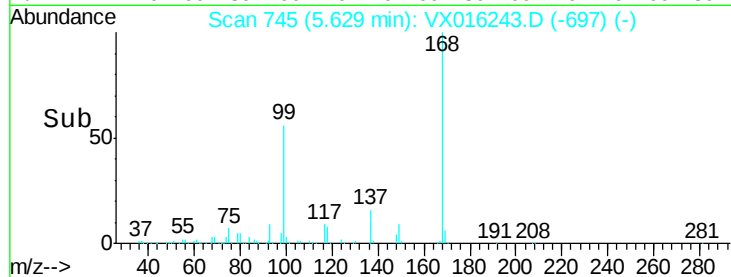
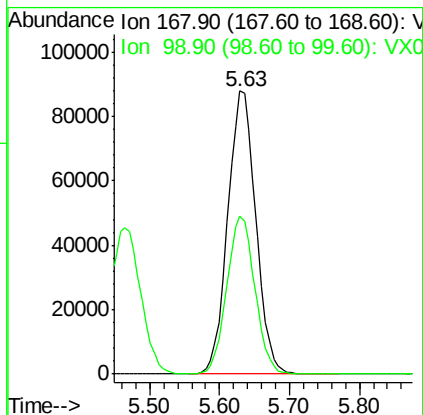
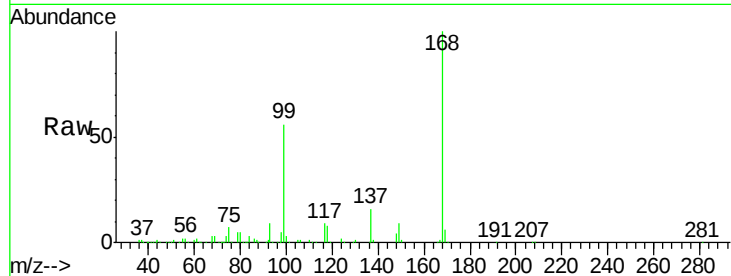
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: VX016243.D
 Acq: 14 May 2020 19:47

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW601-200513MS

Tot Ion	Ratio	Lower	Upper
168	100		
99	55.6	45.0	67.4

Manual Integrations
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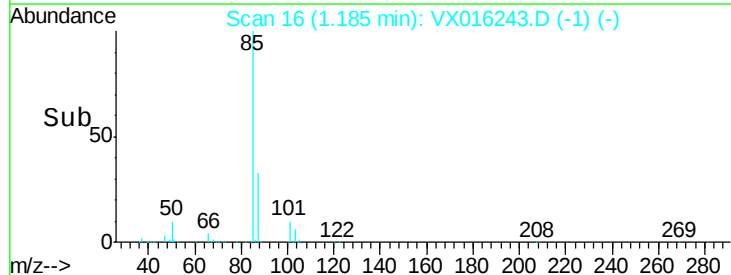
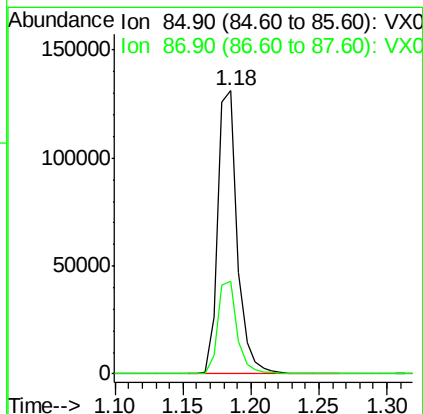
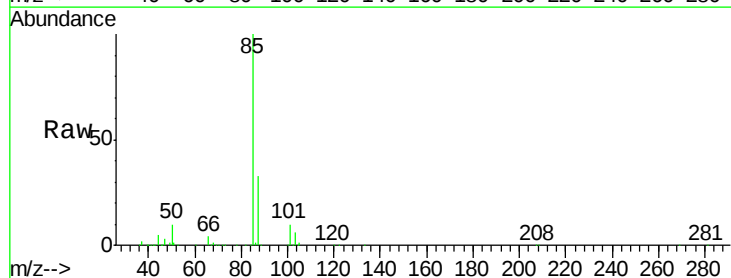
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#2

Dichlorodifluoromethane
 Concen: 50.458 ug/l
 RT: 1.18 min Scan# 16
 Delta R.T. -0.00 min
 Lab File: VX016243.D
 Acq: 14 May 2020 19:47

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.7	16.4	49.1





#3

Chloromethane

Concen: 46.004 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

SS052MW601-200513MS

Tot Ion: 50 Resp: 138264

Ion Ratio Lower Upper

50 100

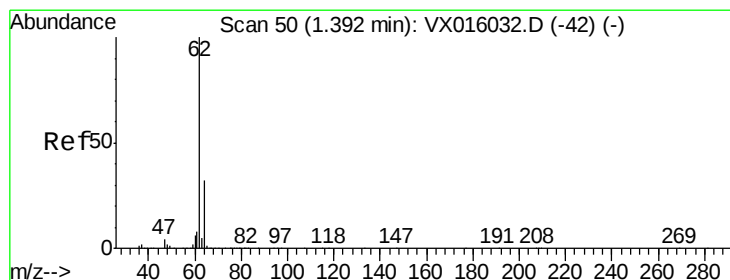
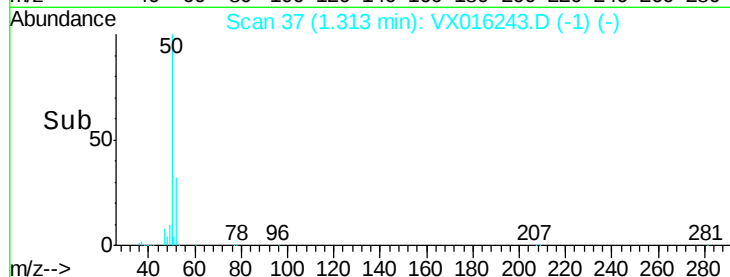
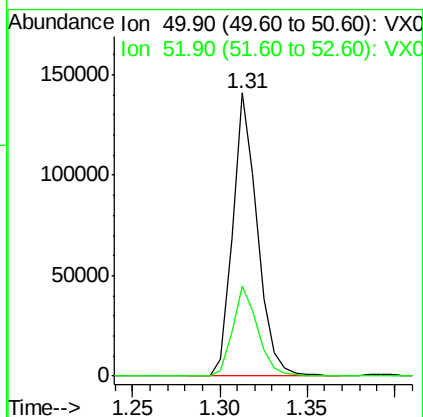
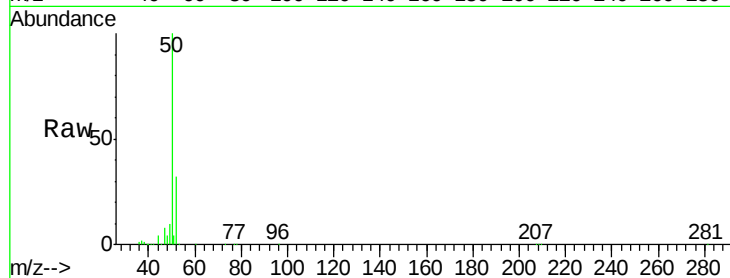
52 31.9 26.1 39.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 46.888 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016243.D

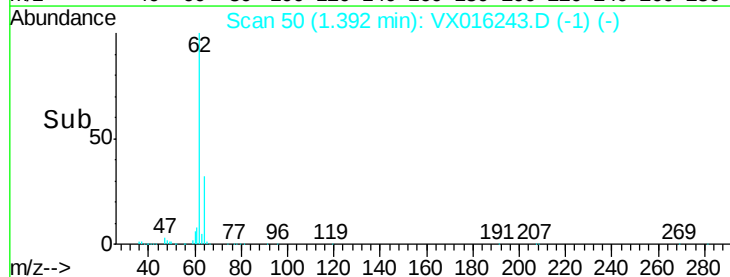
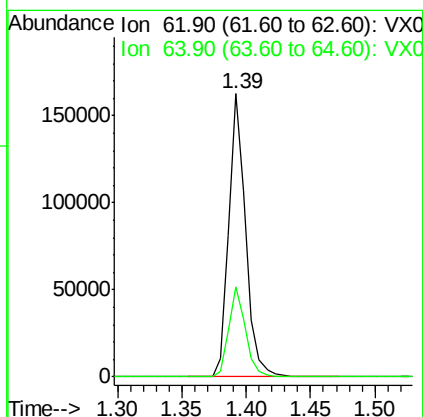
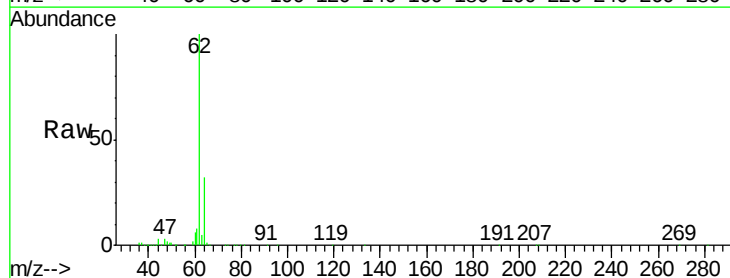
Acq: 14 May 2020 19:47

Tgt Ion: 62 Resp: 150350

Ion Ratio Lower Upper

62 100

64 31.9 25.7 38.5





#5

Bromomethane

Concen: 42.141 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

SS052MW601-200513MS

Tot Ion: 94 Resp: 68124

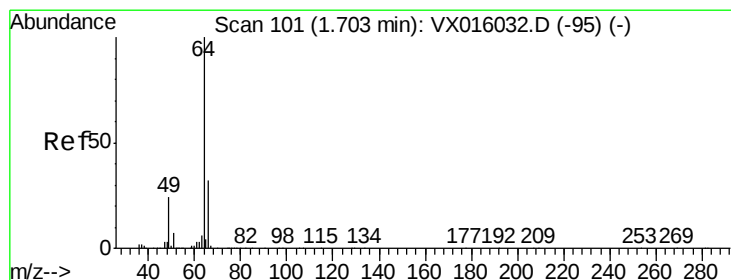
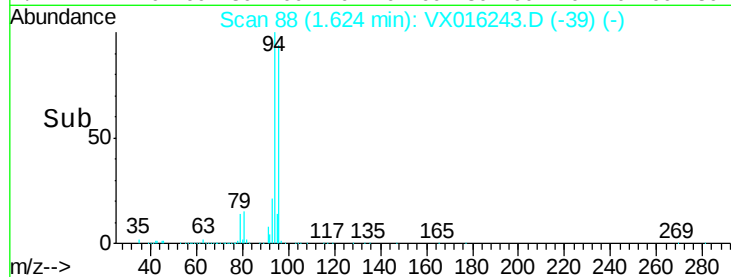
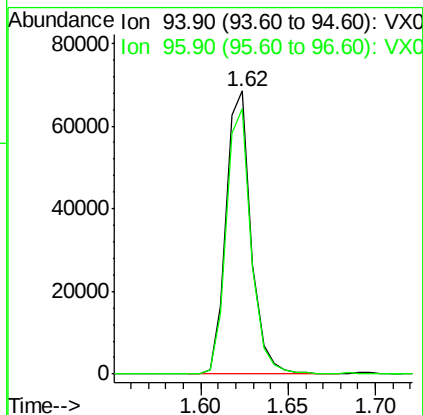
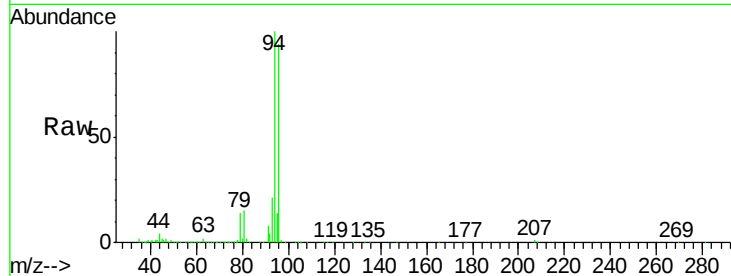
Ion Ratio Lower Upper

94 100

96 93.8 76.9 115.3

Manual Integrations
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#6

Chloroethane

Concen: 46.714 ug/l

RT: 1.70 min Scan# 100

Delta R.T. -0.01 min

Lab File: VX016243.D

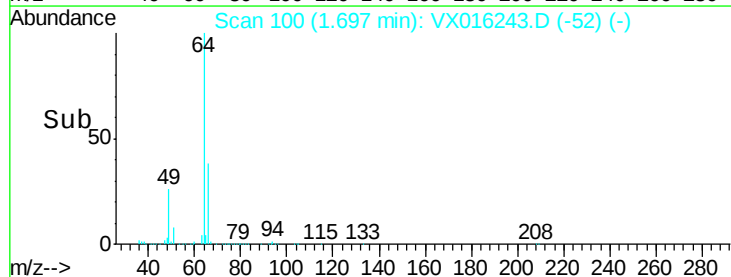
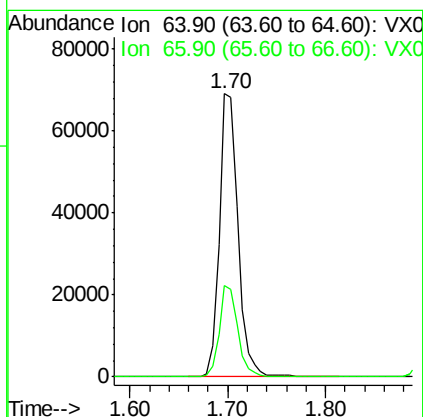
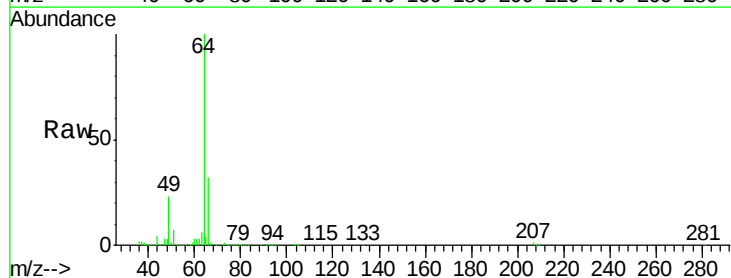
Acq: 14 May 2020 19:47

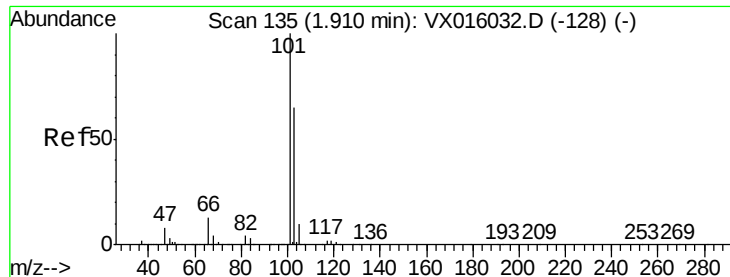
Tgt Ion: 64 Resp: 91140

Ion Ratio Lower Upper

64 100

66 32.1 25.2 37.8





#7

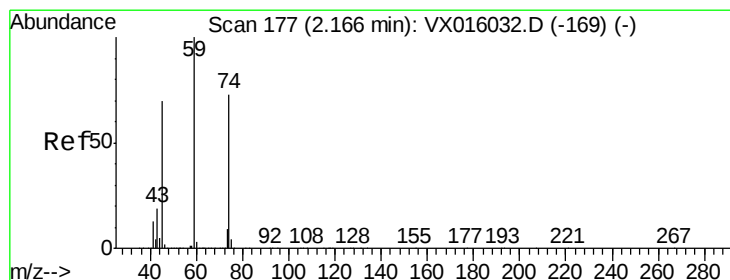
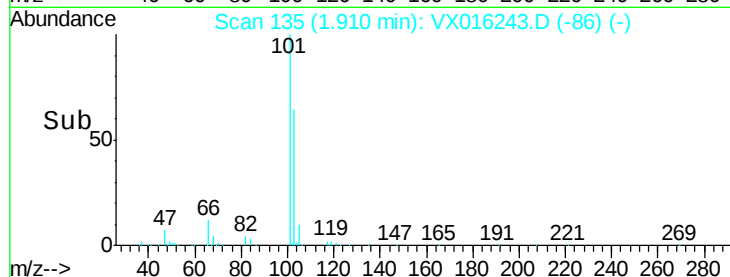
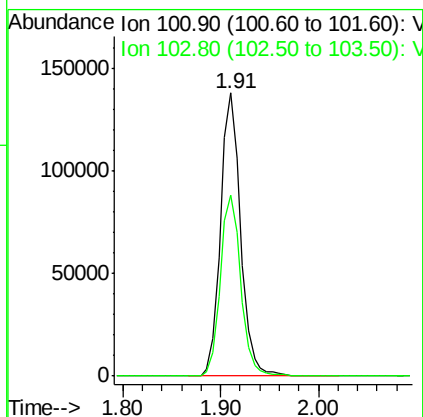
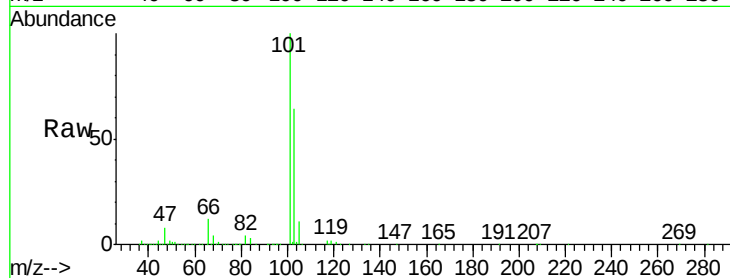
Trichlorofluoromethane
Concen: 46.682 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX016243.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.8	51.8	77.6

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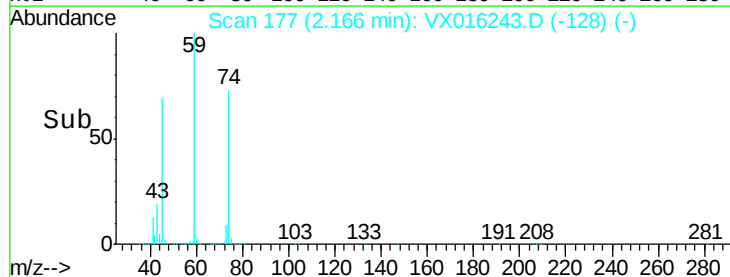
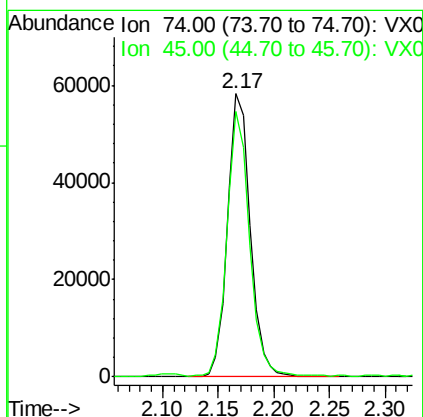
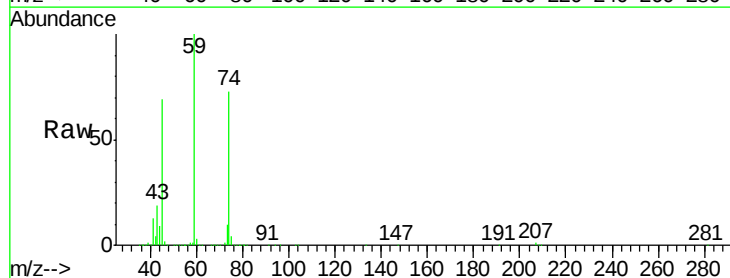
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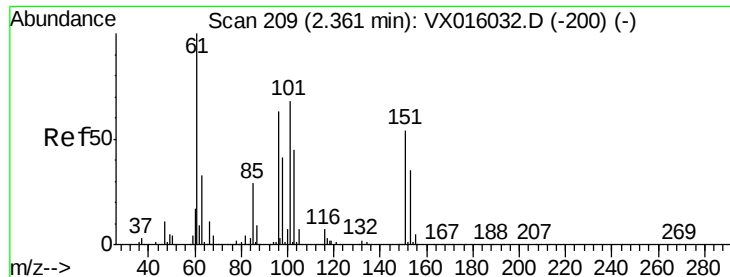


#8

Diethyl Ether
Concen: 46.658 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016243.D
Acq: 14 May 2020 19:47

Tgt Ion	Ratio	Lower	Upper
74	100		
45	91.6	47.3	142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.094 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

Instrument :

MSVOA_X

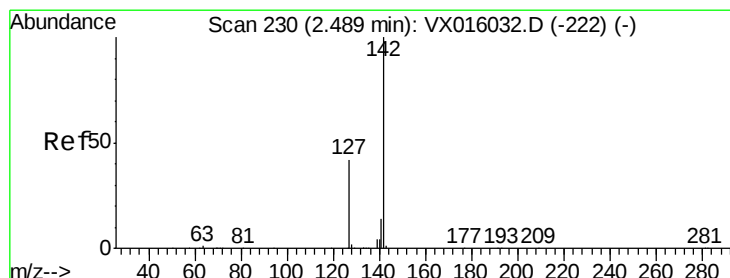
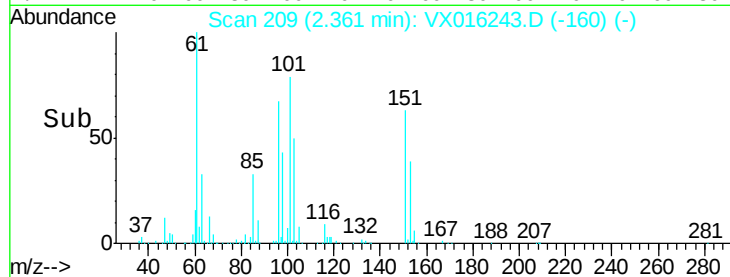
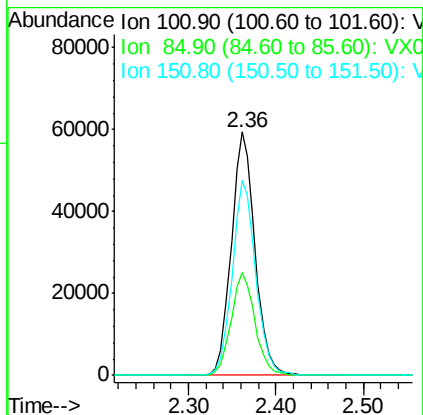
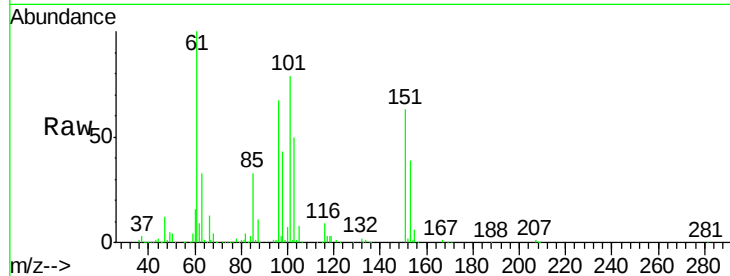
ClientSampleId :

SS052MW601-200513MS

Tot Ion:	101	Resp:	111952
Ion Ratio	Lower	Upper	
101	100		
85	42.6	34.2	51.4
151	79.8	62.1	93.1

Manual Integrations
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#10

Methyl Iodide

Concen: 38.036 ug/l

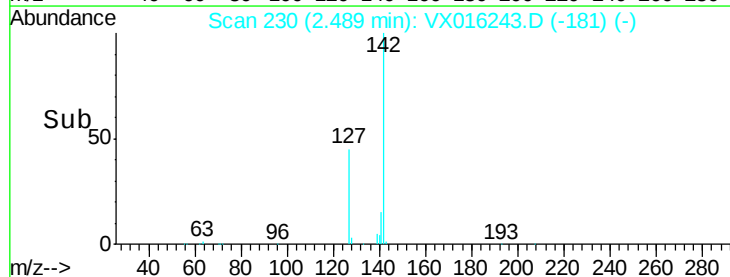
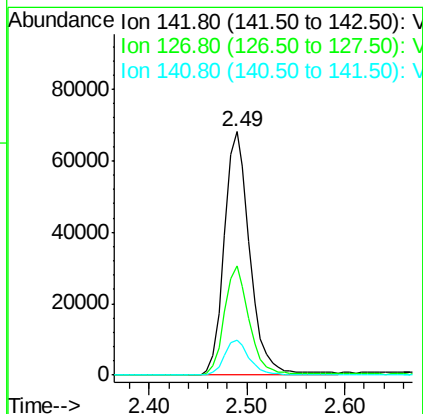
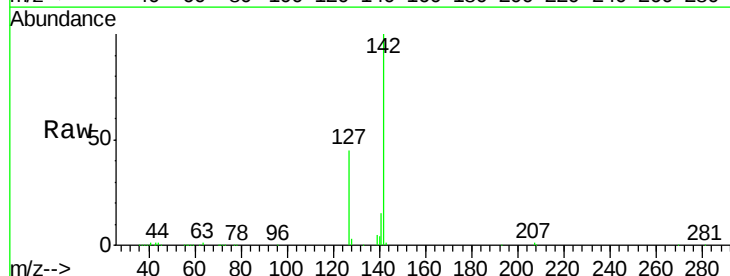
RT: 2.49 min Scan# 230

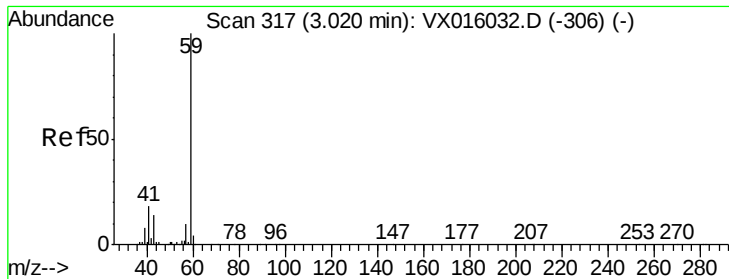
Delta R.T. -0.00 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

Tgt Ion:	142	Resp:	124089
Ion Ratio	Lower	Upper	
142	100		
127	43.6	34.6	52.0
141	14.2	11.3	16.9





#11

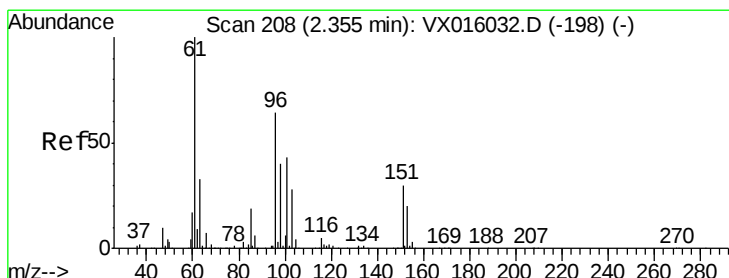
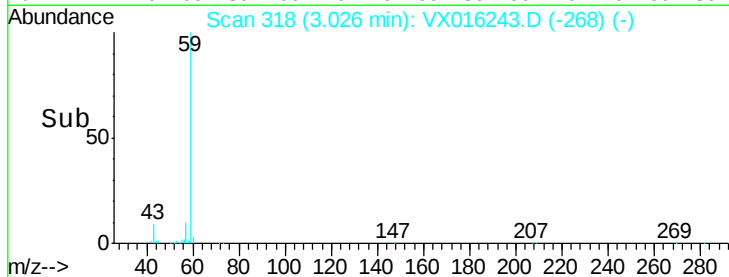
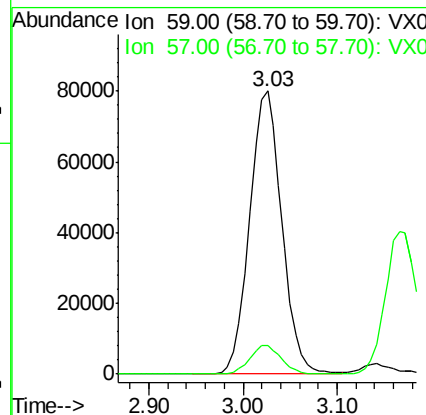
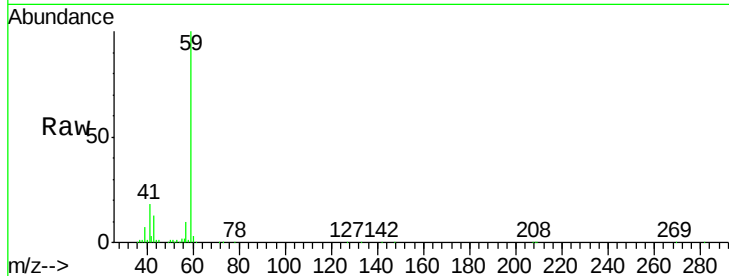
Tert butyl alcohol
 Concen: 235.557 ug/l
 RT: 3.03 min Scan# 318
 Delta R.T. 0.01 min
 Lab File: VX016243.D
 Acq: 14 May 2020 19:47

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW601-200513MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	191648		
57	57	10.1		8.2	12.4

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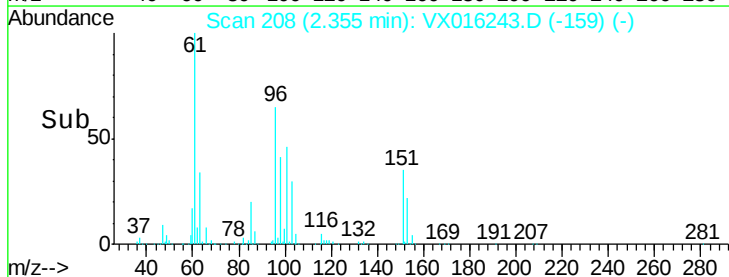
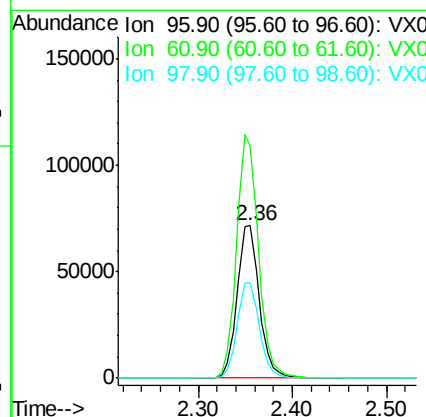
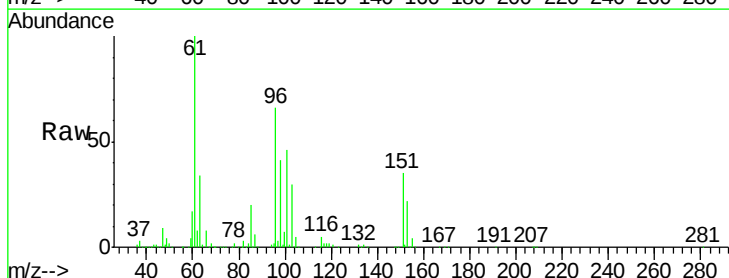
MMDadoda
 5/15/2020 12:29:17 PM



#12

1,1-Dichloroethene
 Concen: 45.606 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016243.D
 Acq: 14 May 2020 19:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	115912		
61	61	152.9		124.8	187.2
98	98	62.6		49.7	74.5





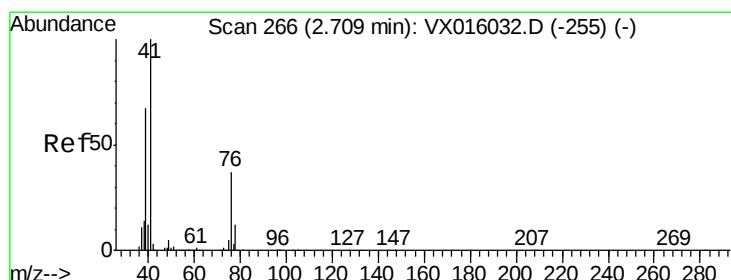
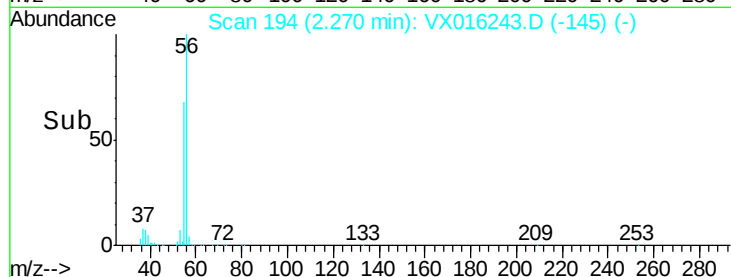
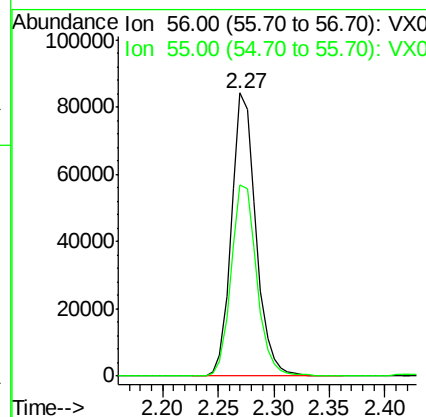
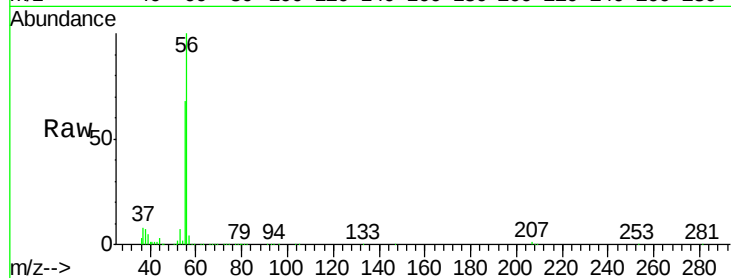
#13
Acrolein
Concen: 252.725 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.00 min
Lab File: VX016243.D
Acq: 14 May 2020 19:47

Instrument :
MSVOA_X
ClientSampleId :
SS052MW601-200513MS

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
55	70.0	56.5	84.7	

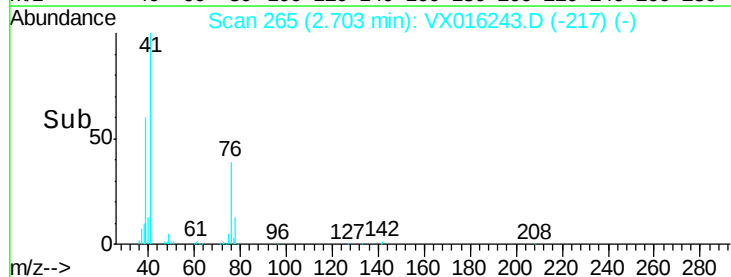
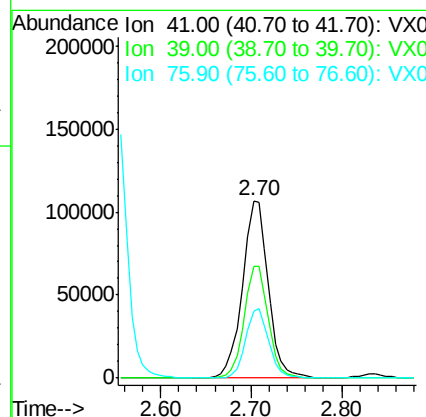
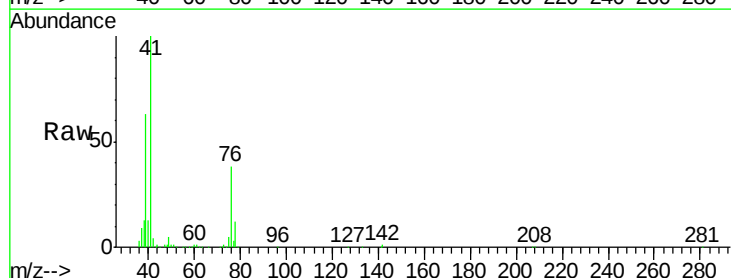
Manual Integrations
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#14
Allyl chloride
Concen: 45.335 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX016243.D
Acq: 14 May 2020 19:47

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	58.7	50.5	75.7	
76	35.0	26.6	40.0	





#15

Acrylonitrile

Concen: 244.667 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

Instrument :

MSVOA_X

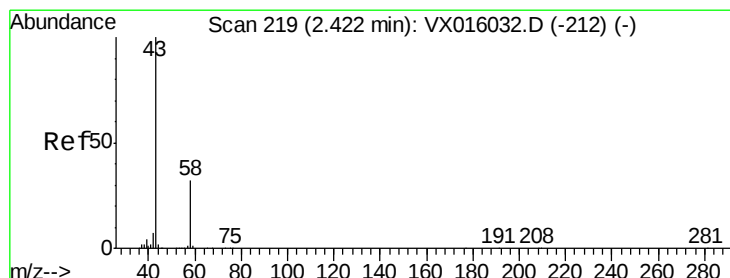
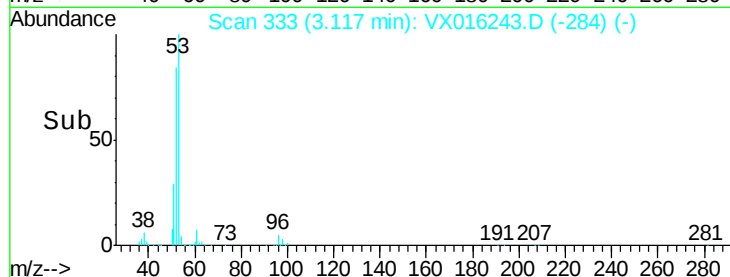
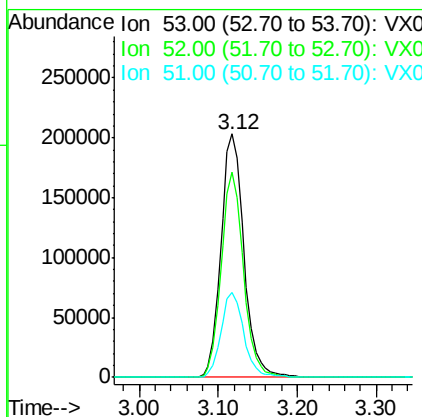
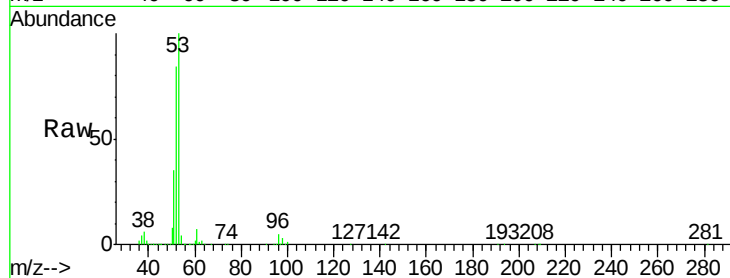
ClientSampleId :

SS052MW601-200513MS

Tot Ion:	53	Resp:	412950
Ion	Ratio	Lower	Upper
53	100		
52	81.8	66.1	99.1
51	34.9	28.8	43.2

Manual Integrations
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#16

Acetone

Concen: 228.611 ug/l

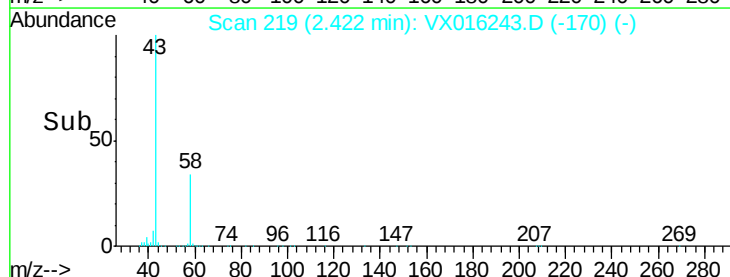
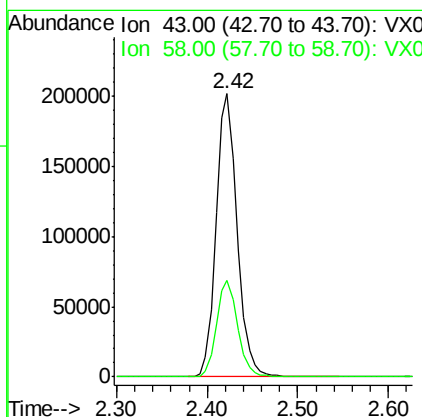
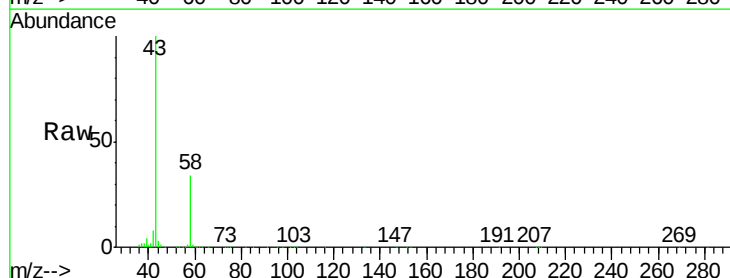
RT: 2.42 min Scan# 219

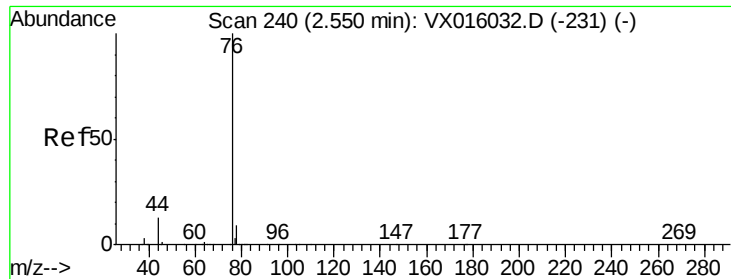
Delta R.T. -0.00 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

Tgt Ion:	43	Resp:	328186
Ion	Ratio	Lower	Upper
43	100		
58	34.1	25.4	38.0





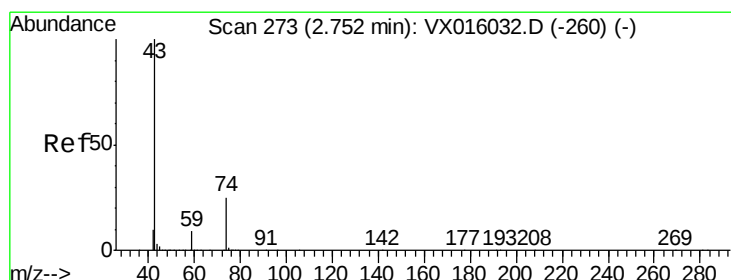
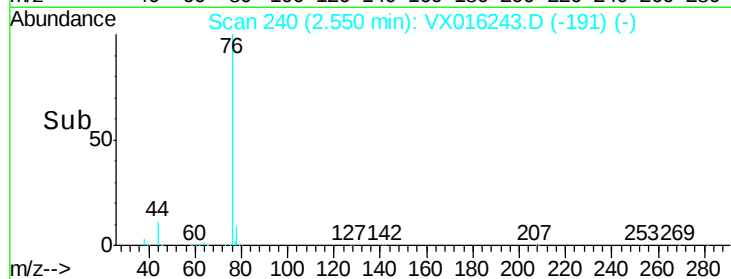
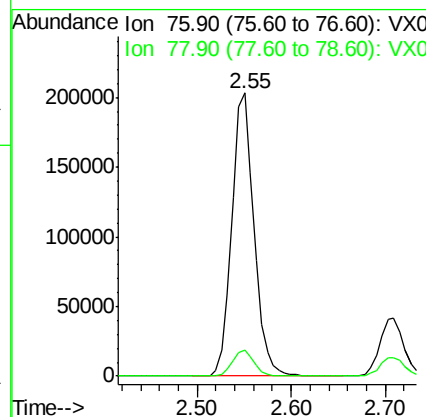
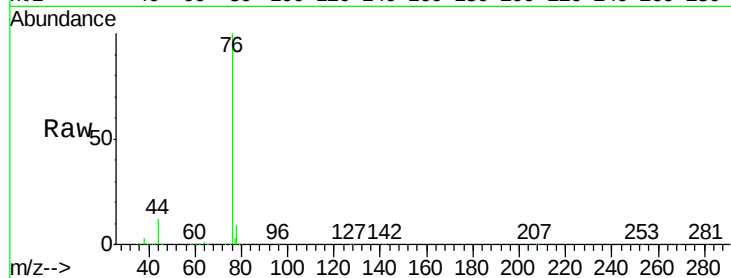
#17
Carbon Disulfide
Concen: 43.491 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016243.D
Acq: 14 May 2020 19:47

Instrument :
MSVOA_X
ClientSampleId :
SS052MW601-200513MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.5	11.3

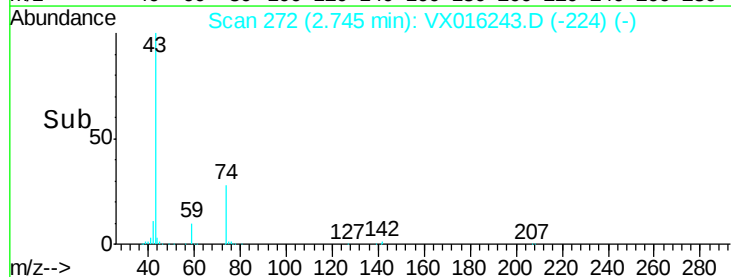
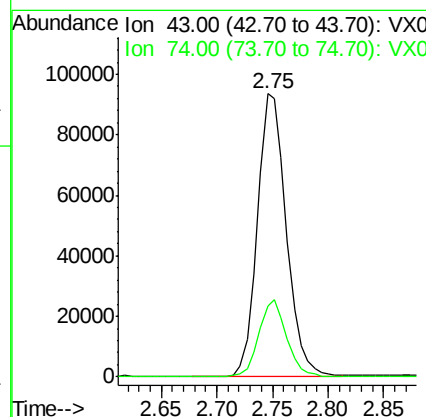
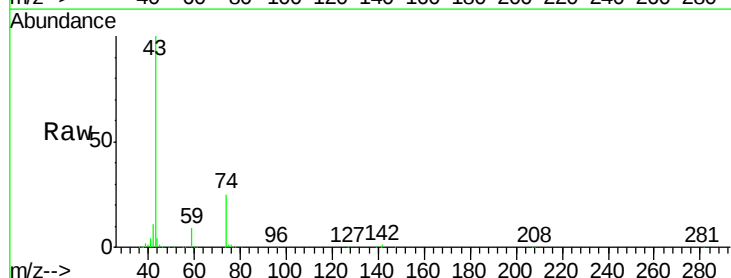
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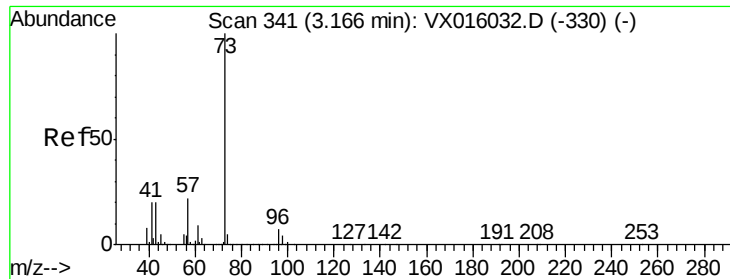
MMDadoda
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#18
Methyl Acetate
Concen: 47.947 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX016243.D
Acq: 14 May 2020 19:47

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.6	20.2	30.2





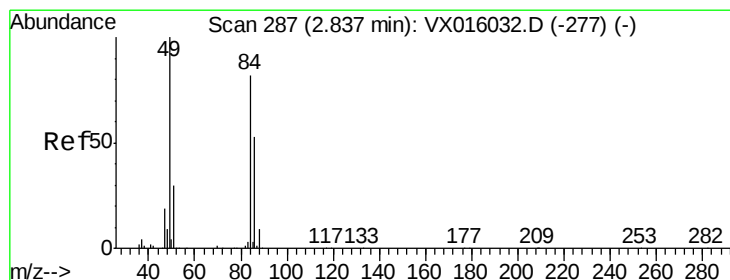
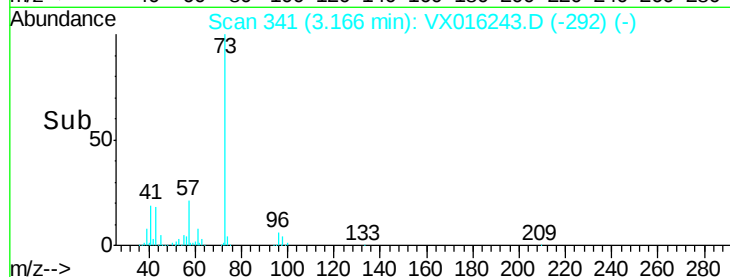
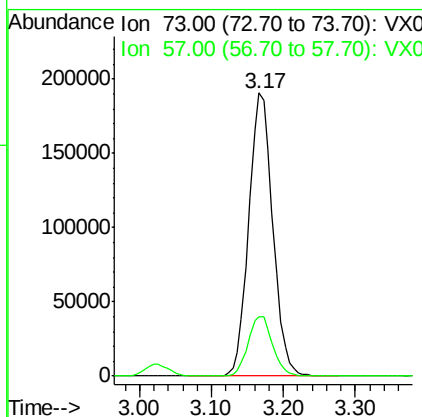
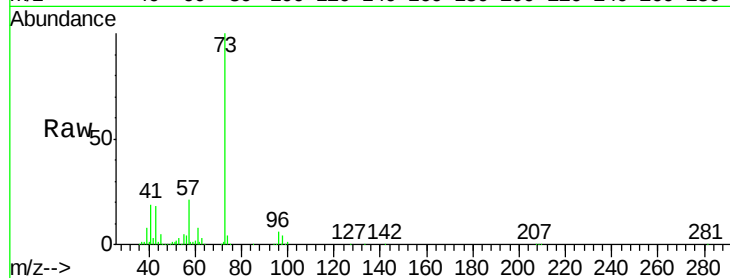
#19
Methvl tert-butvl Ether
Concen: 50.297 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016243.D
Acq: 14 May 2020 19:47

Instrument :
MSVOA_X
ClientSampleId :
SS052MW601-200513MS

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.2	17.8	26.6

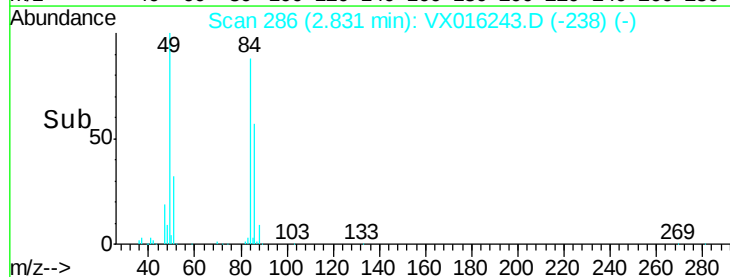
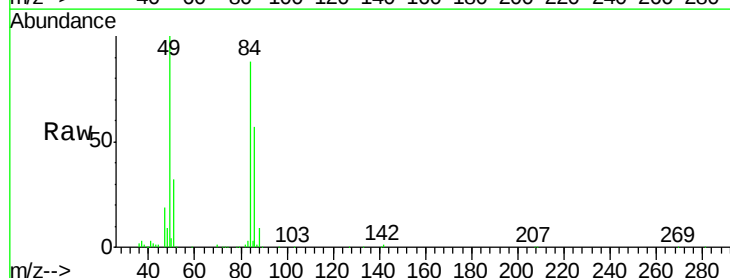
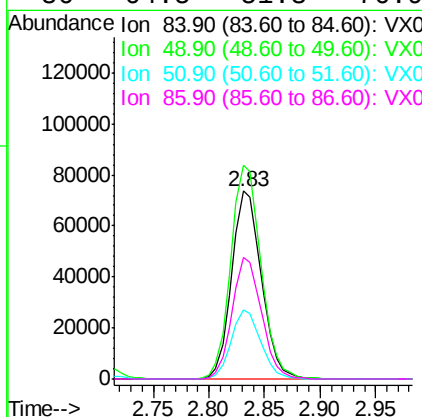
Manual Integrations
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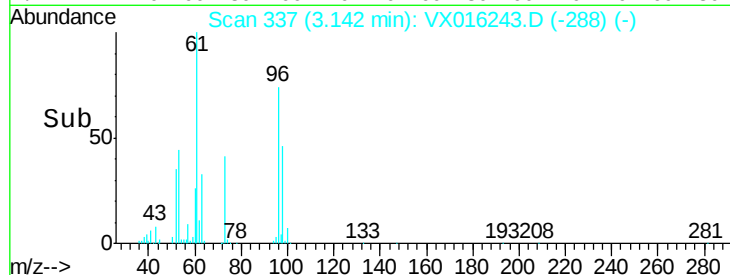
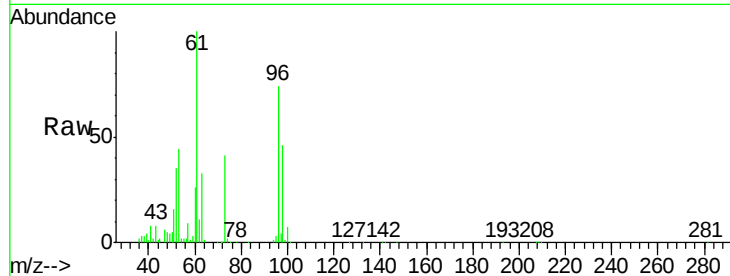
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#20
Methylene Chloride
Concen: 46.298 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016243.D
Acq: 14 May 2020 19:47

Tgt Ion	Ratio	Lower	Upper
84	100		
49	113.8	97.3	145.9
51	36.8	29.3	43.9
86	64.5	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 46.478 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

Tot Ion:	96	Resp:	131640
Ion	Ratio	Lower	Upper
96	100		
61	135.9	111.2	166.8
98	62.4	50.2	75.4

Instrument :

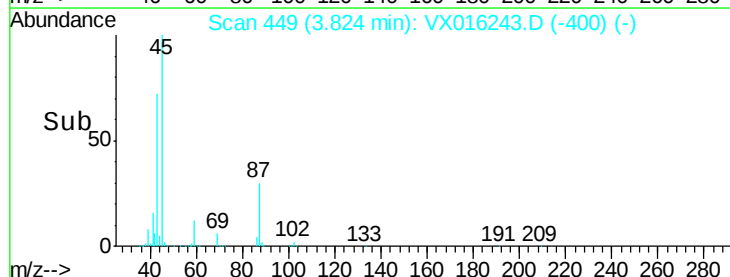
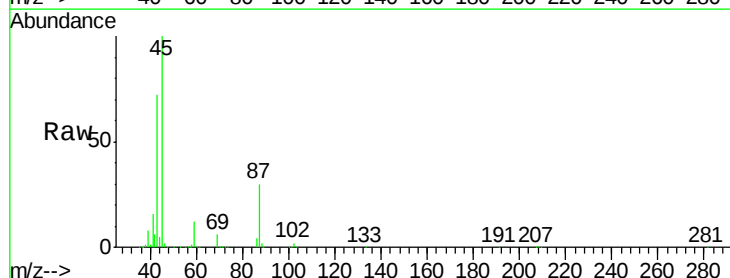
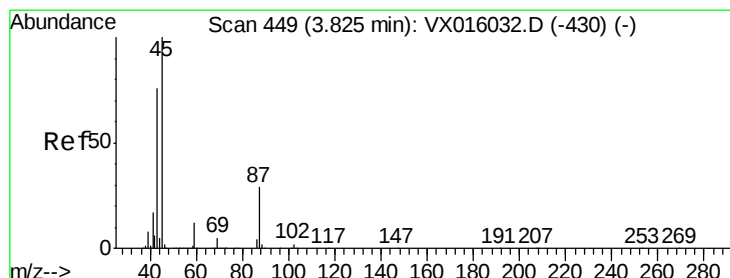
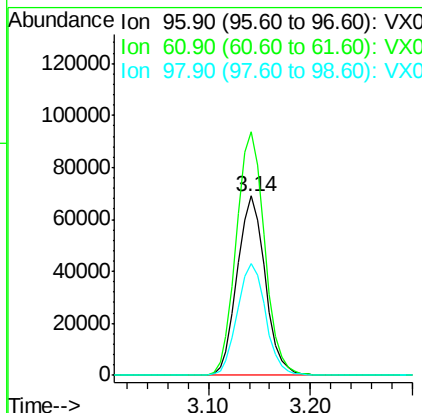
MSVOA_X

ClientSampleId :

SS052MW601-200513MS

Manual Integrations
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#22

Diisopropyl ether

Concen: 47.768 ug/l

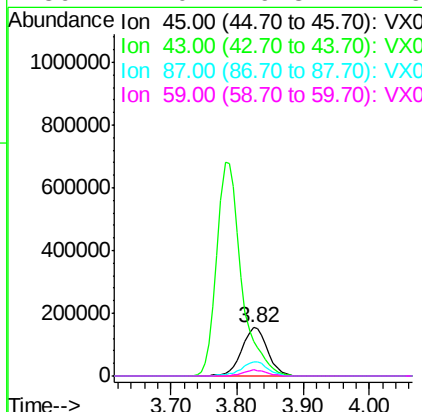
RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

Tgt Ion:	45	Resp:	419958
Ion	Ratio	Lower	Upper
45	100		
43	72.3	61.1	91.7
87	29.9	23.0	34.6
59	12.0	9.8	14.6





#23

Vinyl Acetate

Concen: 228.658 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

SS052MW601-200513MS

Tot Ion: 43 Resp: 1768625

Ion Ratio Lower Upper

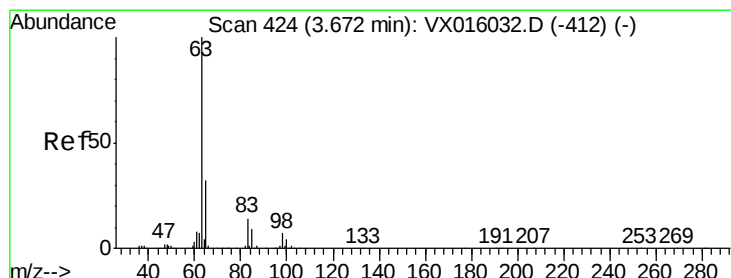
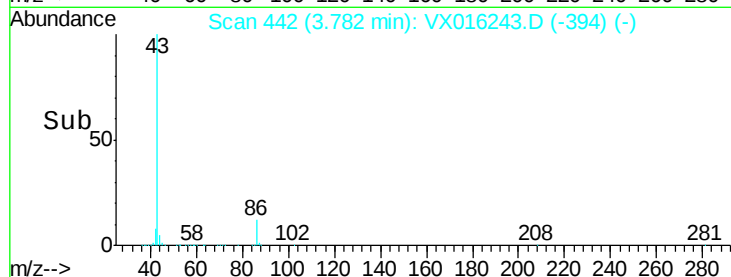
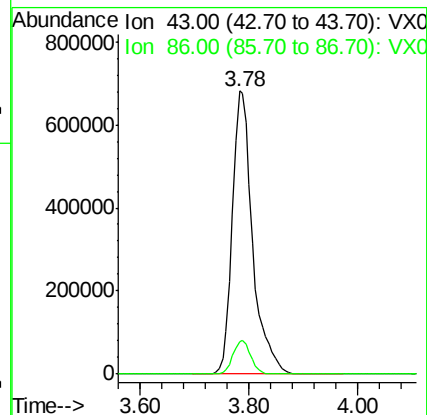
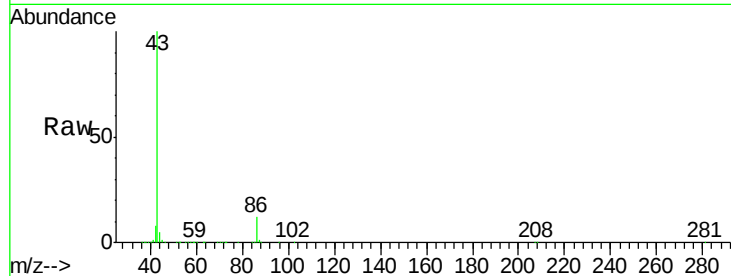
43 100

86 11.6 9.0 13.4

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 48.460 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

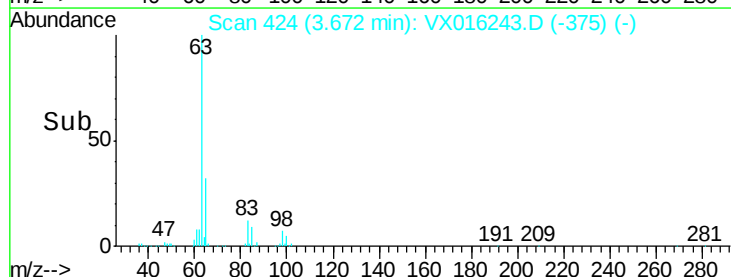
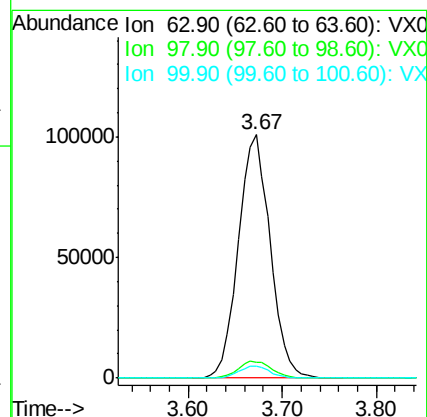
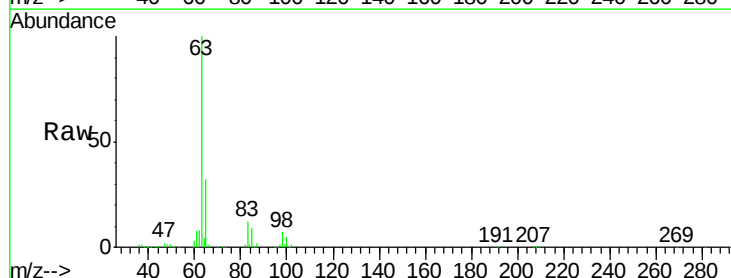
Tgt Ion: 63 Resp: 238329

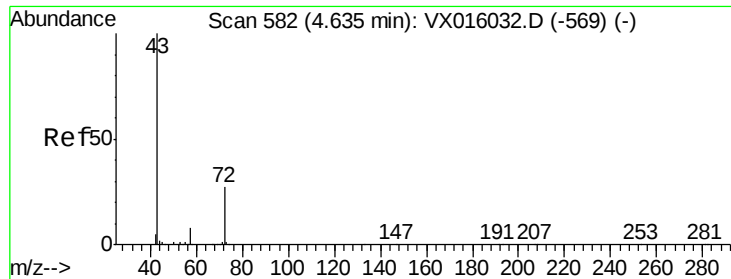
Ion Ratio Lower Upper

63 100

98 6.7 3.5 10.5

100 4.7 2.1 6.5





#25

2-Butanone

Concen: 243.838 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

SS052MW601-200513MS

Tot Ion: 43 Resp: 564065

Ion Ratio Lower Upper

43 100

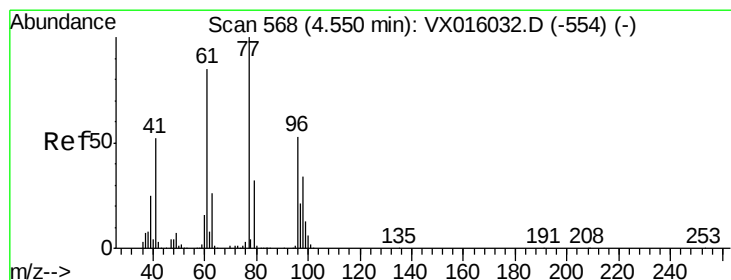
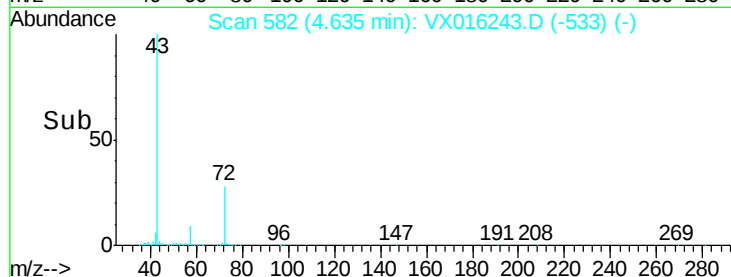
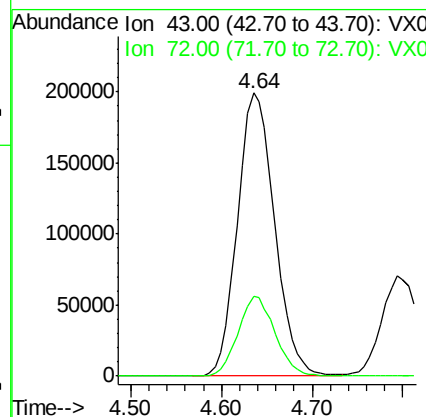
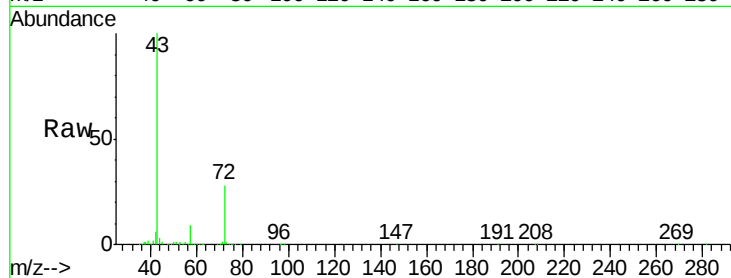
72 28.1 21.8 32.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 42.673 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016243.D

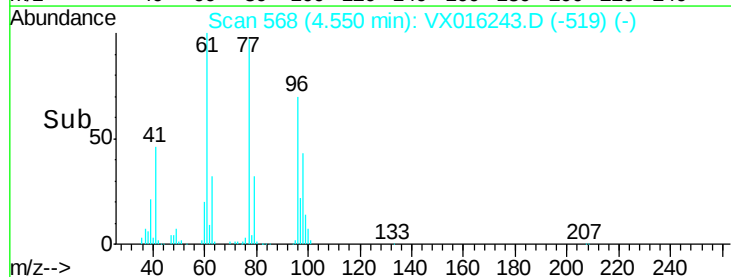
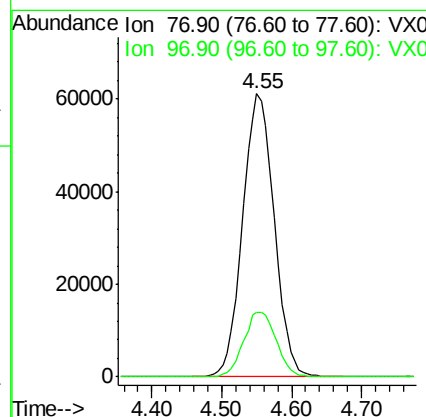
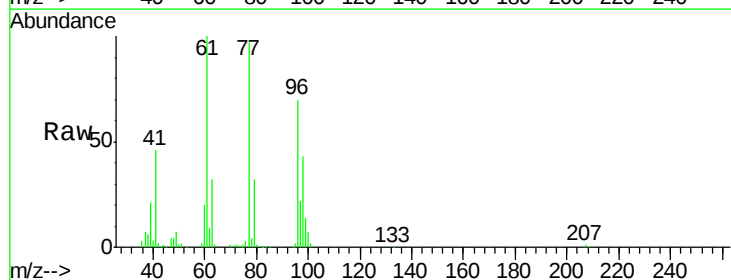
Acq: 14 May 2020 19:47

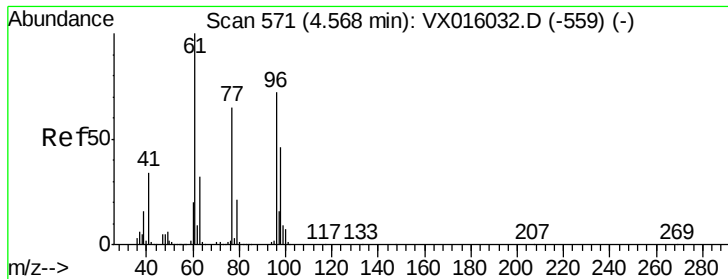
Tgt Ion: 77 Resp: 191663

Ion Ratio Lower Upper

77 100

97 23.8 11.2 33.6





#27

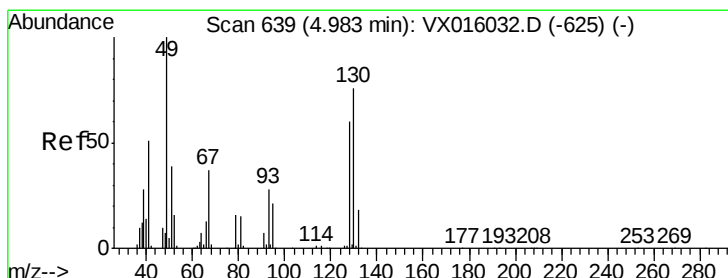
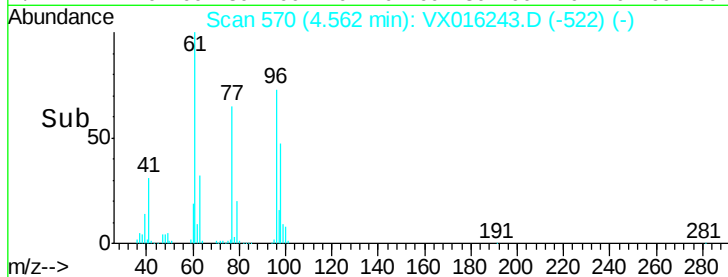
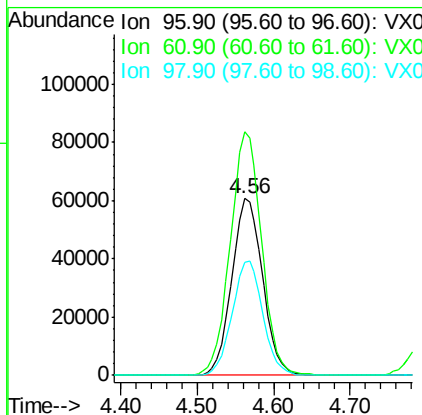
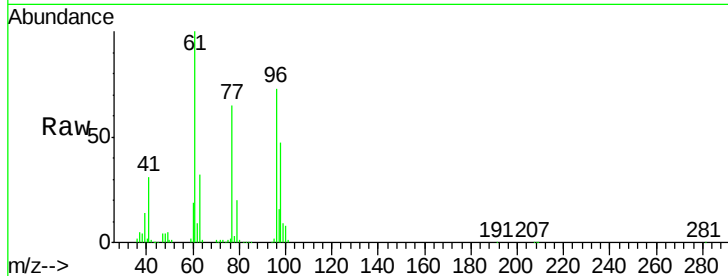
cis-1,2-Dichloroethene
Concen: 54.843 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016243.D
Acq: 14 May 2020 19:47

Instrument :
MSVOA_X
ClientSampleId :
SS052MW601-200513MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100		169815		
61	139.9	0.0	296.2		
98	64.2	0.0	129.4		

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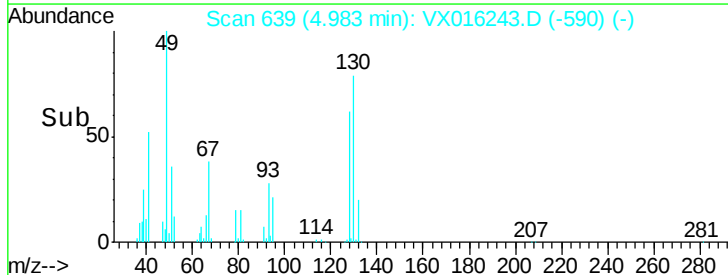
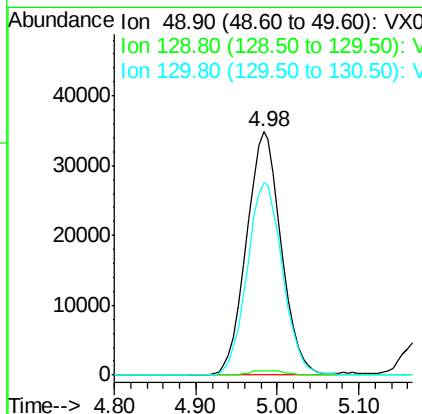
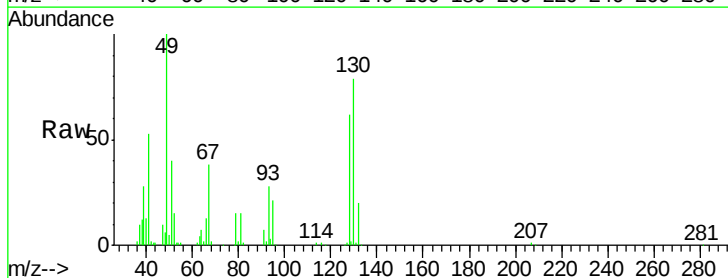
MMDadoda
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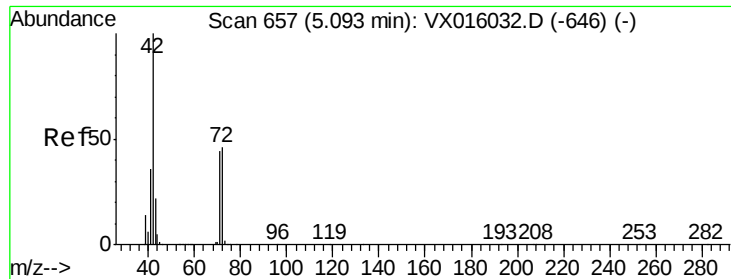


#28

Bromochloromethane
Concen: 46.134 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016243.D
Acq: 14 May 2020 19:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
49	100		103459		
129	2.0	0.0	4.0		
130	80.6	62.4	93.6		





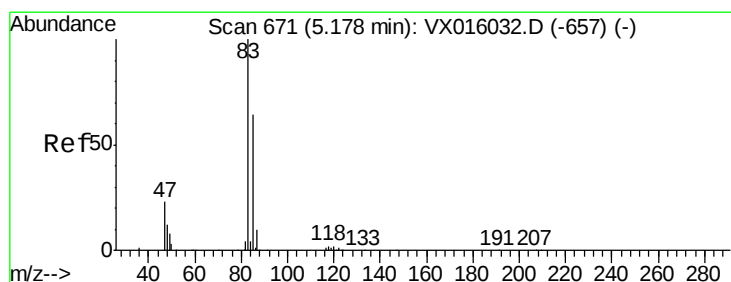
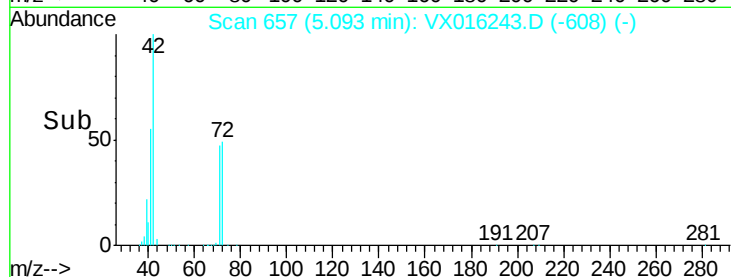
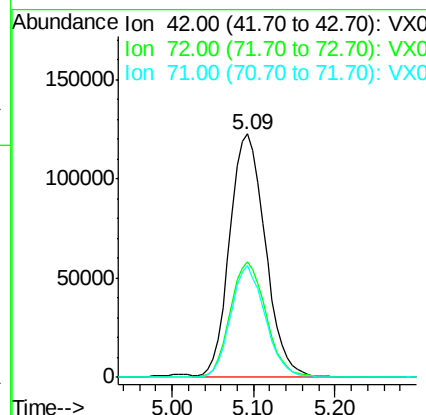
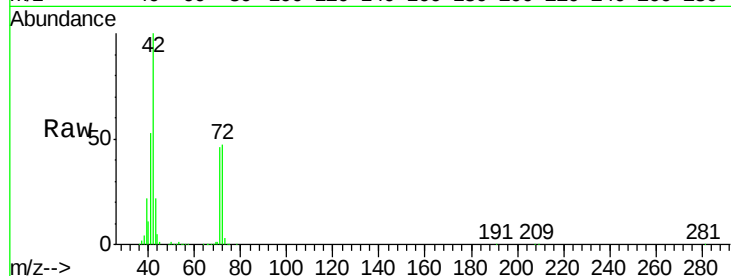
#29
Tetrahydrofuran
Concen: 240.634 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX016243.D
Acq: 14 May 2020 19:47

Instrument :
MSVOA_X
ClientSampleId :
SS052MW601-200513MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.3	37.1	55.7
71	44.7	34.5	51.7

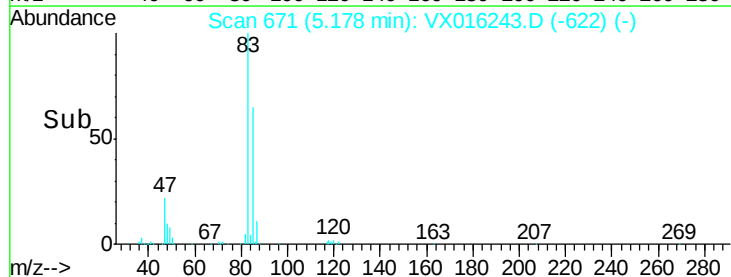
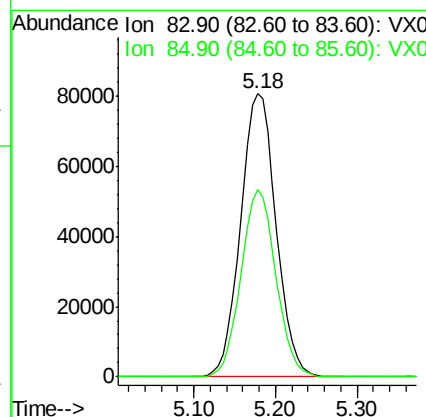
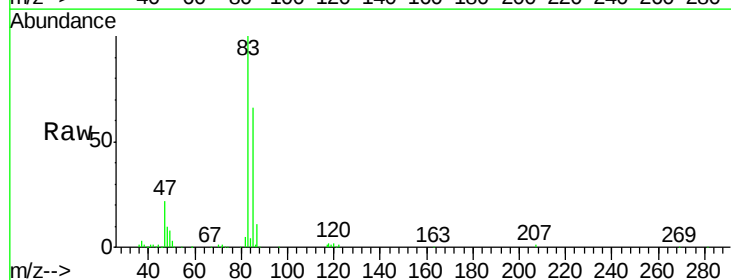
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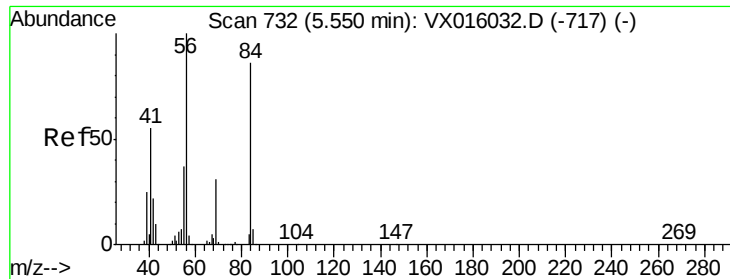
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#30
Chloroform
Concen: 49.742 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016243.D
Acq: 14 May 2020 19:47

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.0	51.6	77.4





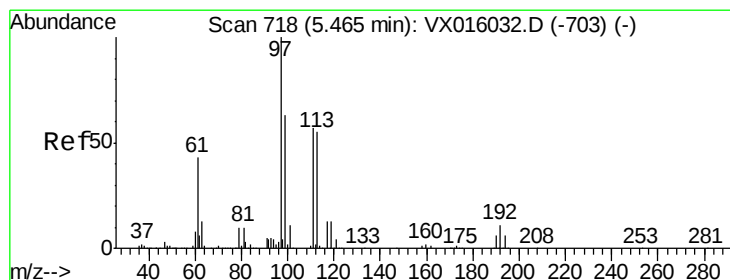
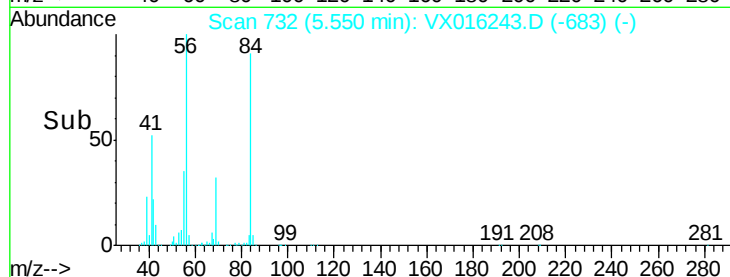
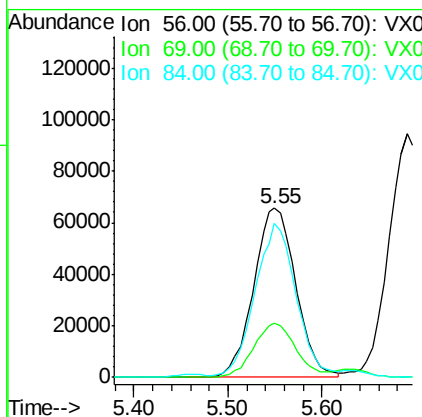
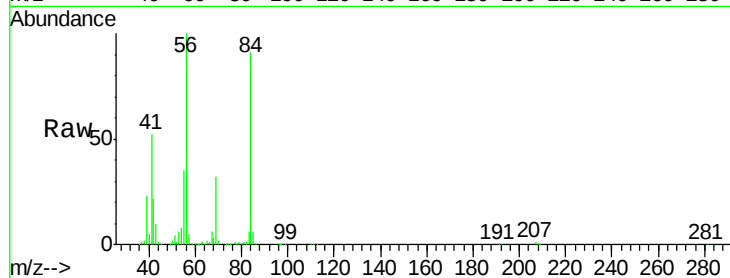
#31
Cyclohexane
Concen: 45.953 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016243.D
Acq: 14 May 2020 19:47

Instrument :
MSVOA_X
ClientSampleId :
SS052MW601-200513MS

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	32.3	25.0	37.6	
84	89.2	69.0	103.6	

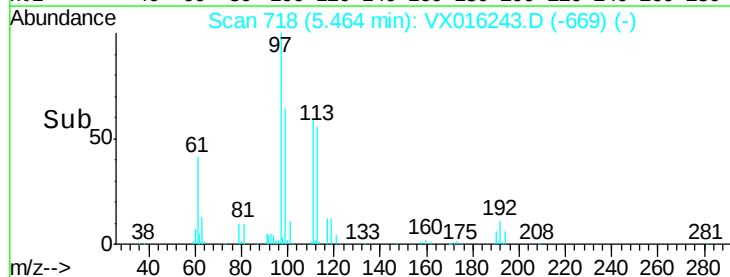
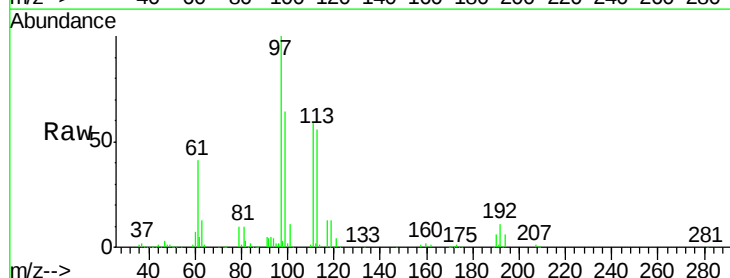
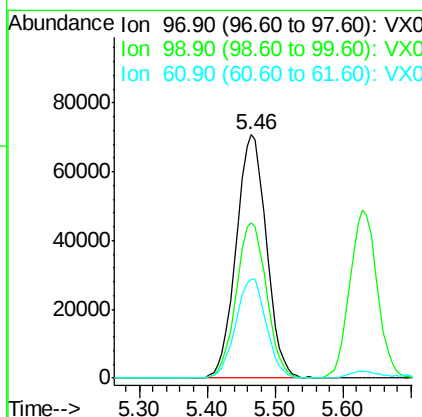
Manual Integrations
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#32
1,1,1-Trichloroethane
Concen: 49.052 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016243.D
Acq: 14 May 2020 19:47

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	64.1	51.0	76.4	
61	41.2	34.5	51.7	





#33

1,2-Dichloroethane-d4

Concen: 46.426 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

SS052MW601-200513MS

Tot Ion: 65 Resp: 149369

Ion Ratio Lower Upper

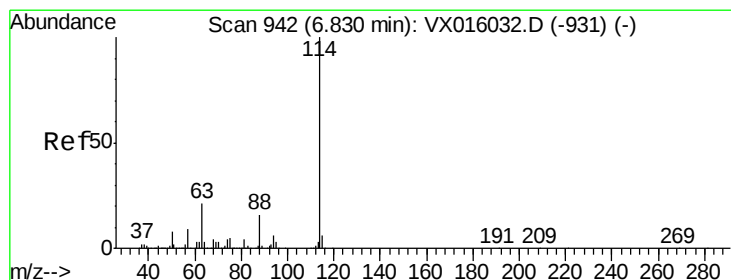
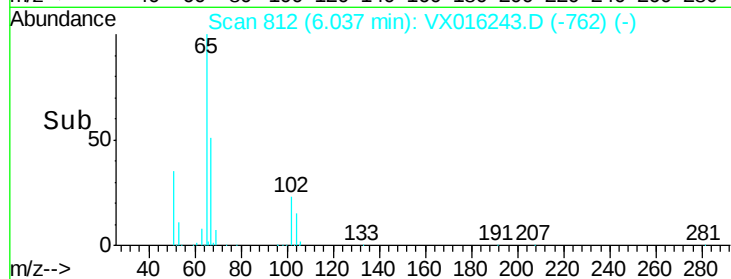
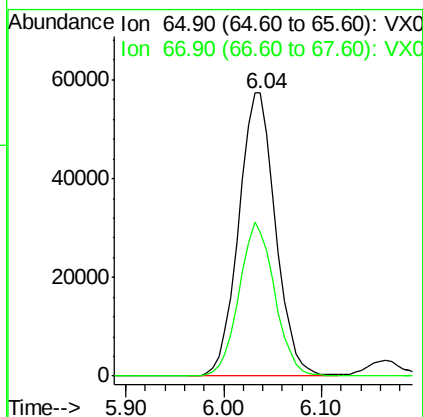
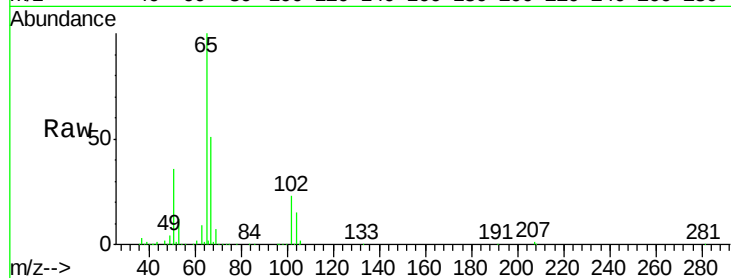
65 100

67 52.7 0.0 104.8

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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: VX016243.D

Acq: 14 May 2020 19:47

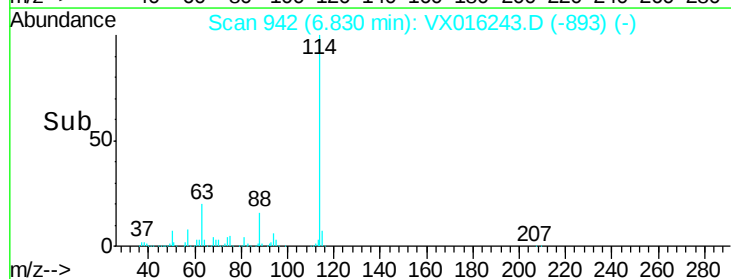
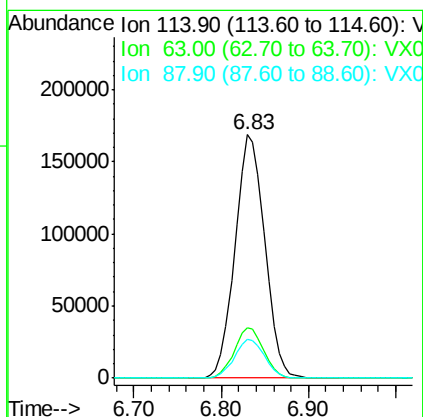
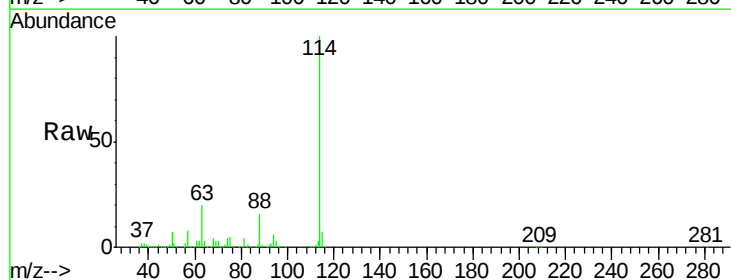
Tgt Ion: 114 Resp: 398382

Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.8

88 16.0 0.0 31.4





#35

Dibromofluoromethane

Concen: 47.239 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

Instrument :

MSVOA_X

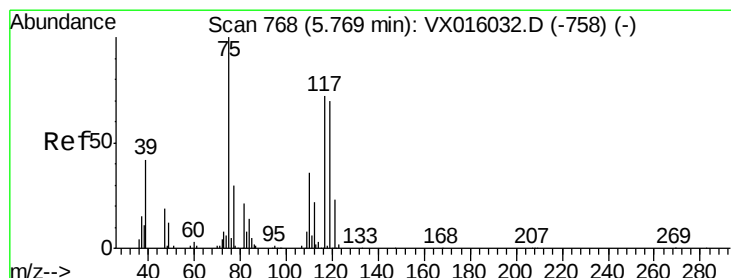
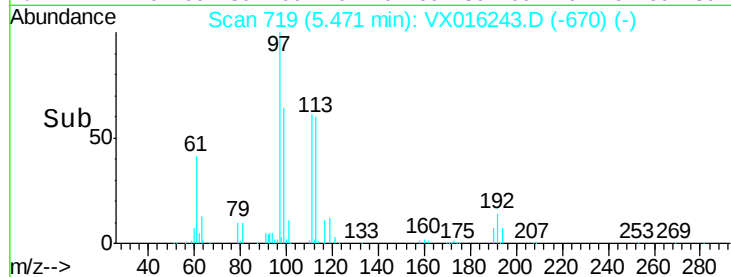
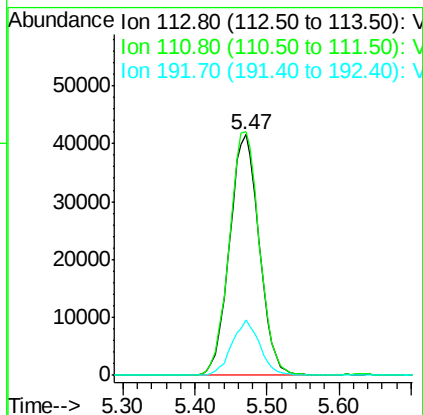
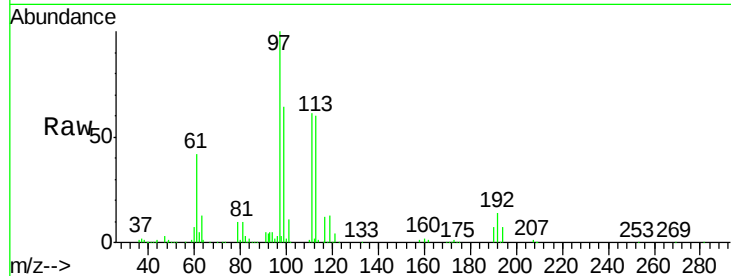
ClientSampleId :

SS052MW601-200513MS

Tot Ion:	113	Resp:	119227
Ion Ratio	Lower	Upper	
113	100		
111	102.5	81.6	122.4
192	21.6	17.0	25.4

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 46.360 ug/l

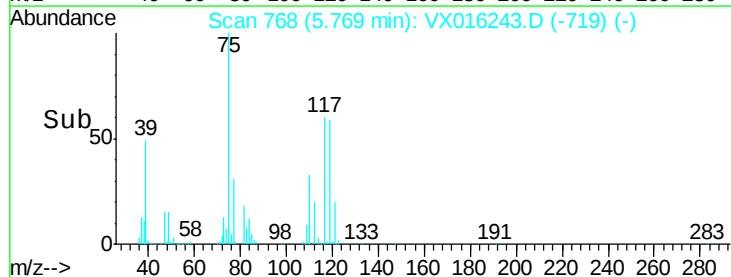
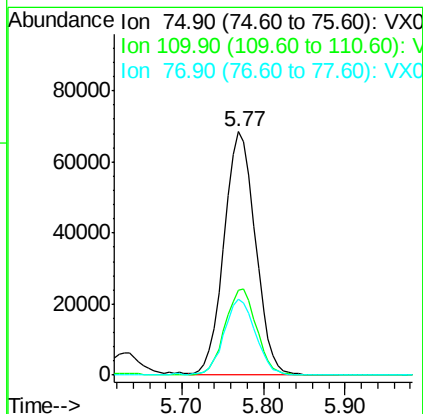
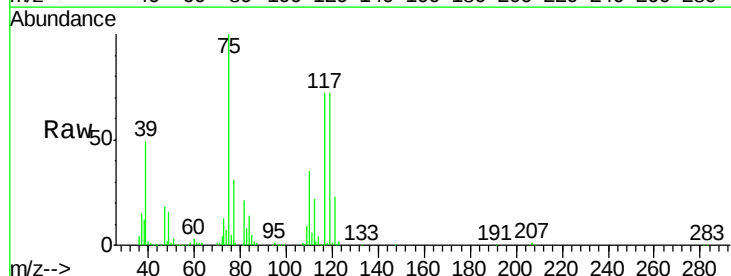
RT: 5.77 min Scan# 768

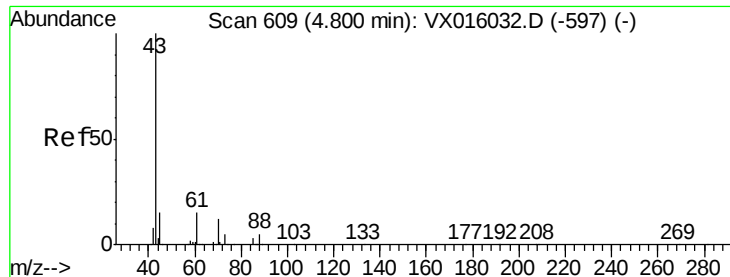
Delta R.T. -0.00 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

Tgt Ion:	75	Resp:	181803
Ion Ratio	Lower	Upper	
75	100		
110	35.5	18.1	54.1
77	31.2	25.0	37.6





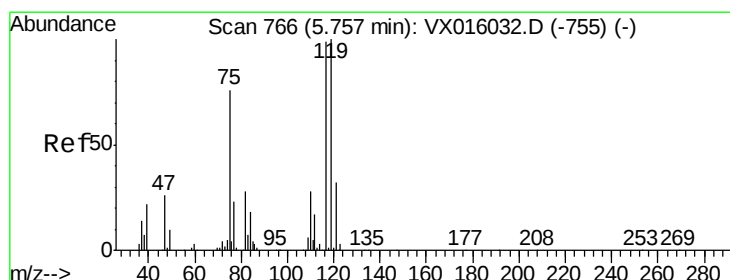
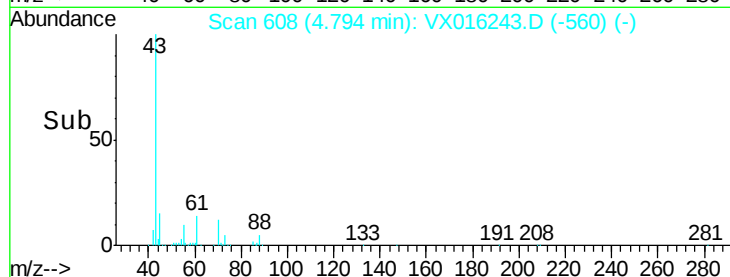
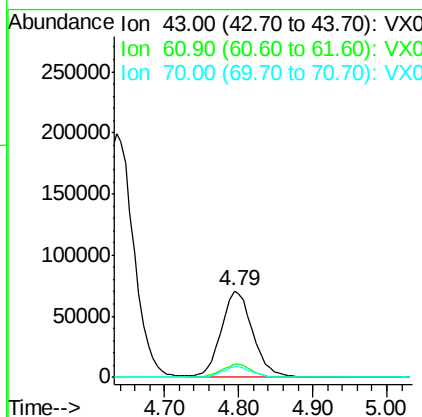
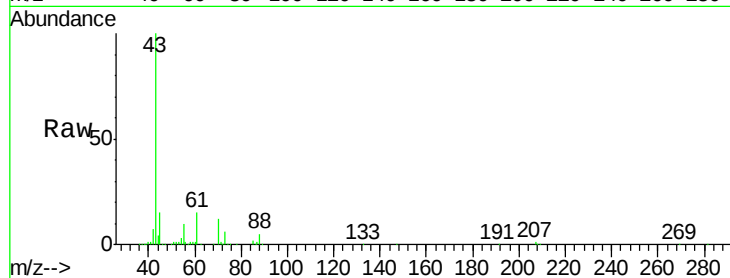
#37
Ethyl Acetate
Concen: 45.319 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX016243.D
Acq: 14 May 2020 19:47

Instrument :
MSVOA_X
ClientSampleId :
SS052MW601-200513MS

Tot Ion:	43	Resp:	205981
Ion	Ratio	Lower	Upper
43	100		
61	15.2	11.7	17.5
70	12.1	9.3	13.9

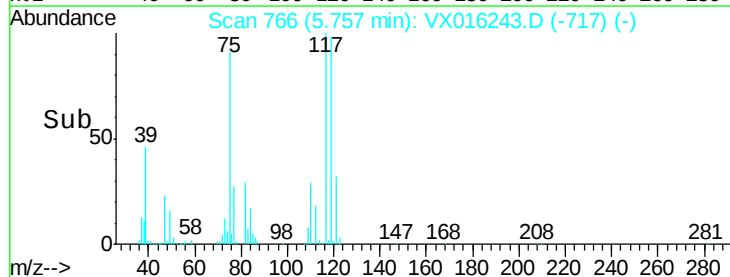
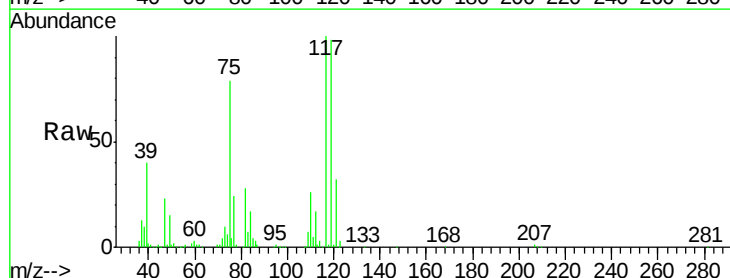
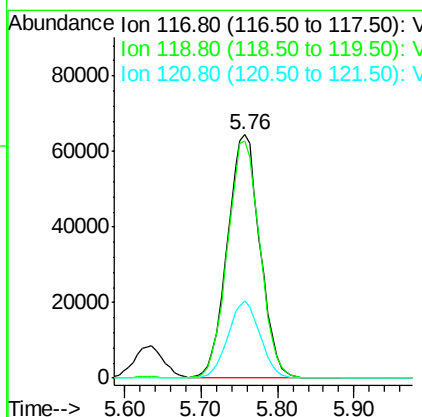
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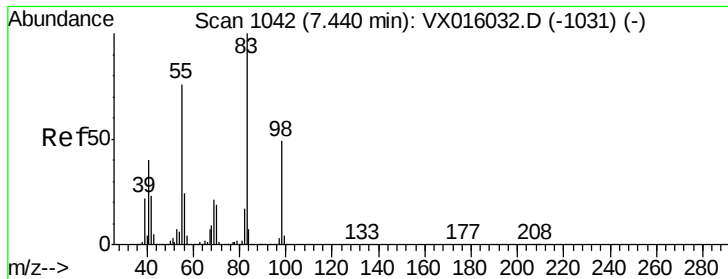
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#38
Carbon Tetrachloride
Concen: 47.736 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016243.D
Acq: 14 May 2020 19:47

Tgt Ion:	117	Resp:	190273
Ion	Ratio	Lower	Upper
117	100		
119	97.6	80.3	120.5
121	31.6	25.7	38.5





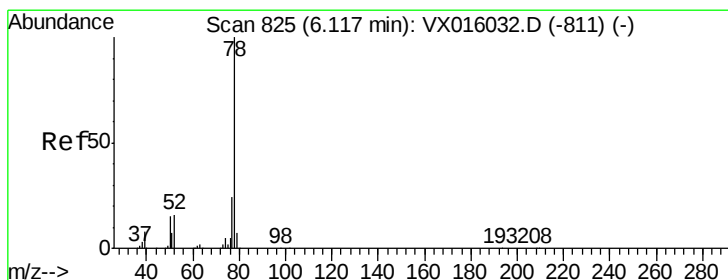
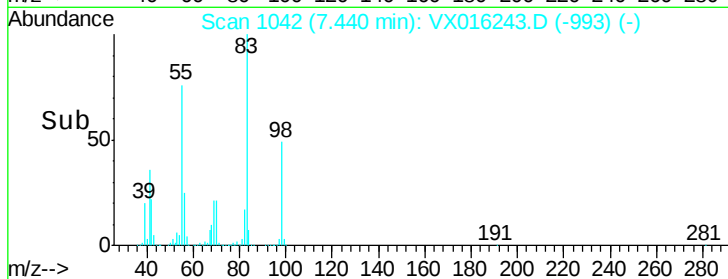
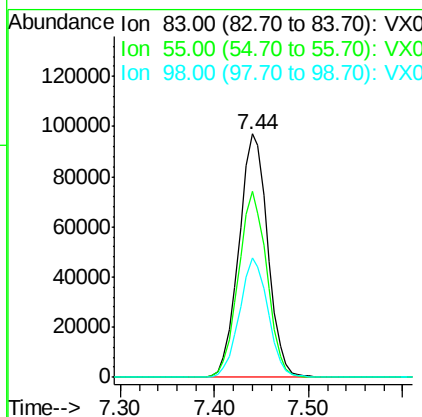
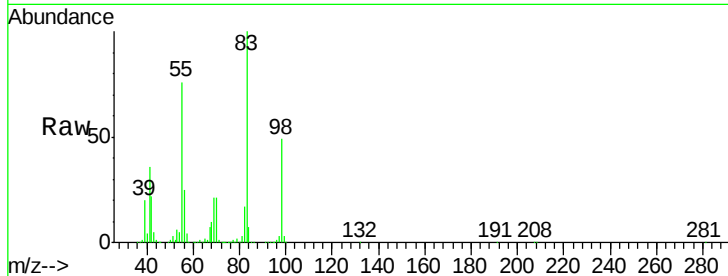
#39
Methvlcvclohexane
Concen: 43.973 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016243.D
Acq: 14 May 2020 19:47

Instrument :
MSVOA_X
ClientSampleId :
SS052MW601-200513MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.1	61.1	91.7
98	49.0	39.0	58.4

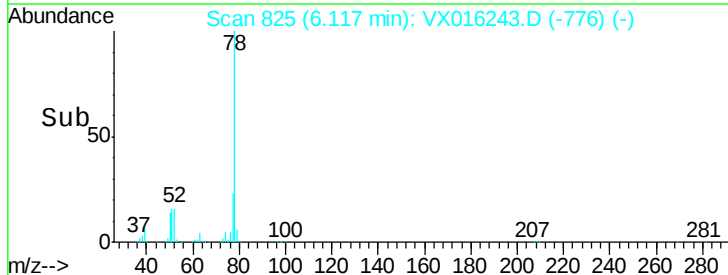
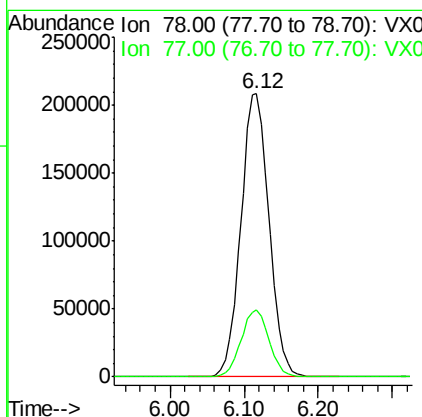
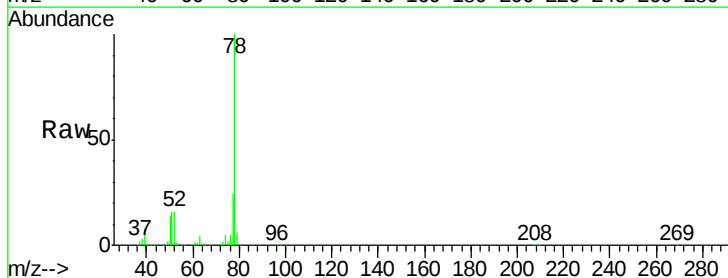
Manual Integrations
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#40
Benzene
Concen: 48.166 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016243.D
Acq: 14 May 2020 19:47

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.0	28.4





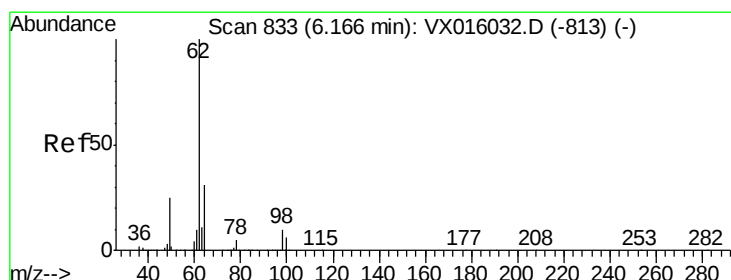
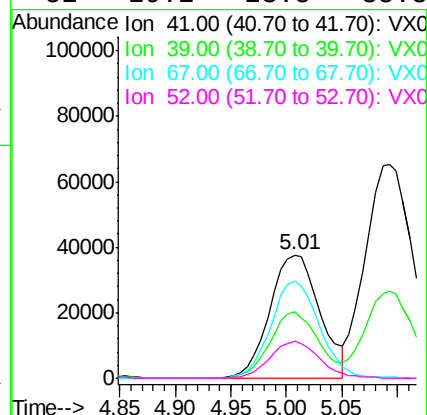
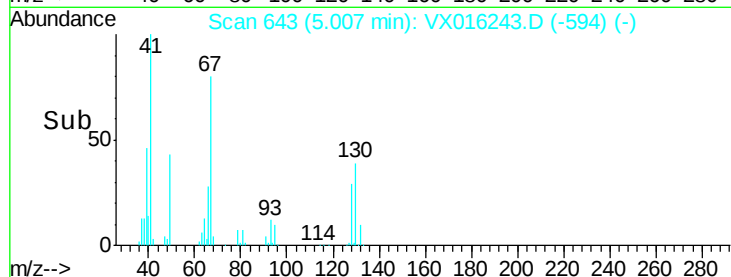
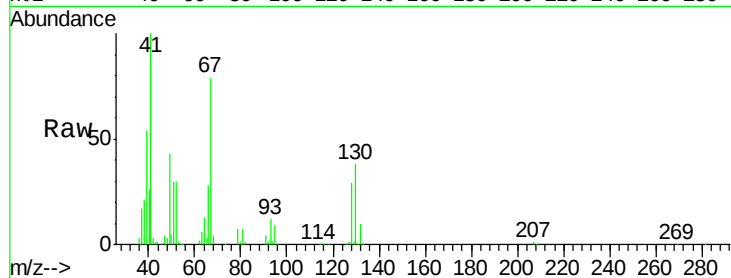
#41
Methacrylonitrile
Concen: 48.081 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX016243.D
Acq: 14 May 2020 19:47

Instrument :
MSVOA_X
ClientSampleId :
SS052MW601-200513MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	51.9	43.2	64.8		
67	76.7	59.3	88.9		
52	29.2	23.5	35.3		

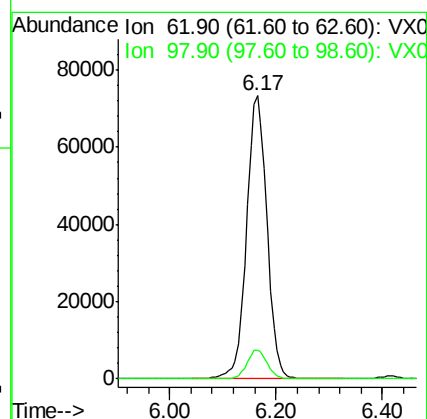
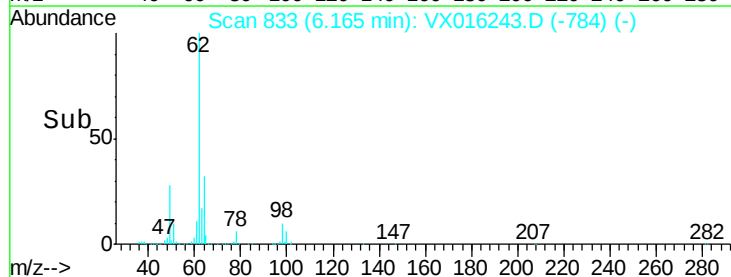
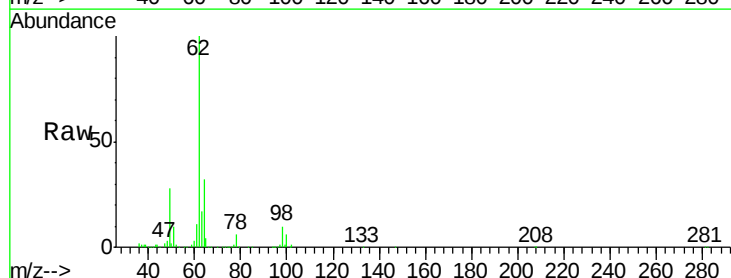
Manual Integrations
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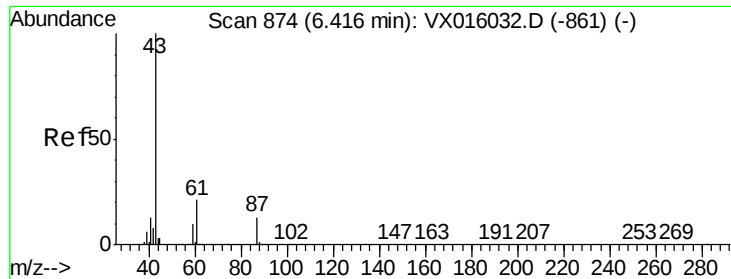
MMDadoda
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#42
1,2-Dichloroethane
Concen: 46.939 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016243.D
Acq: 14 May 2020 19:47

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





#43

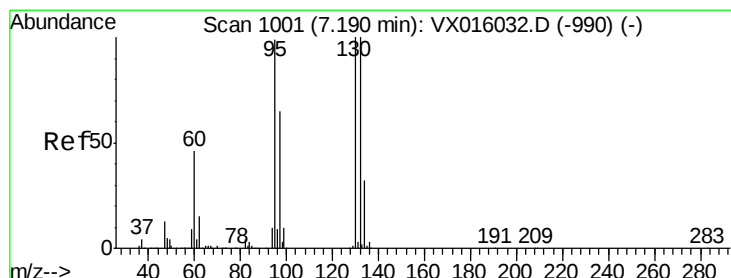
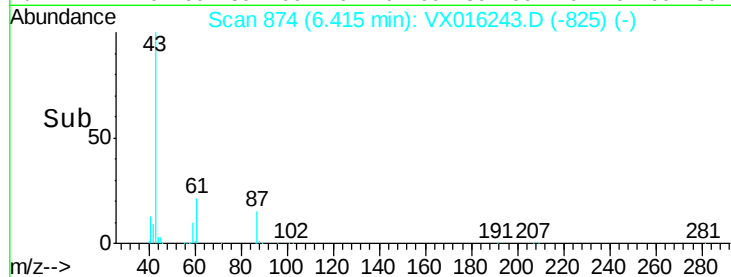
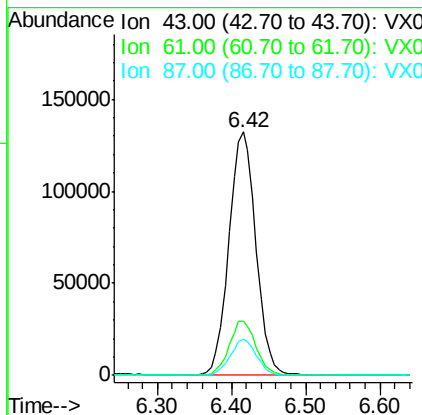
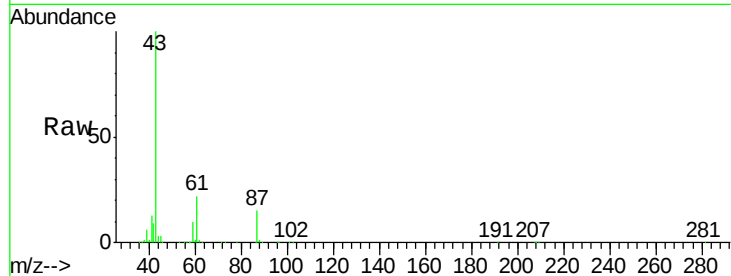
Isopropyl Acetate
 Concen: 45.940 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX016243.D
 Acq: 14 May 2020 19:47

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW601-200513MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.2	17.0	25.4
87	14.7	11.0	16.6

Manual Integrations
 APPROVED

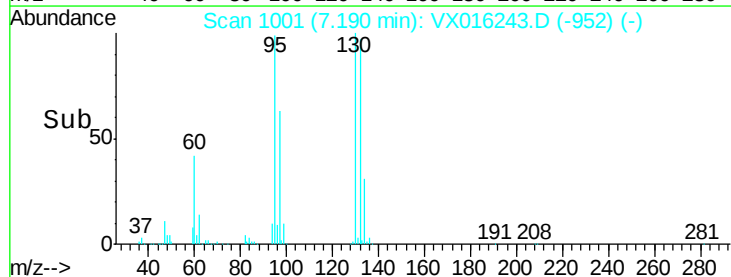
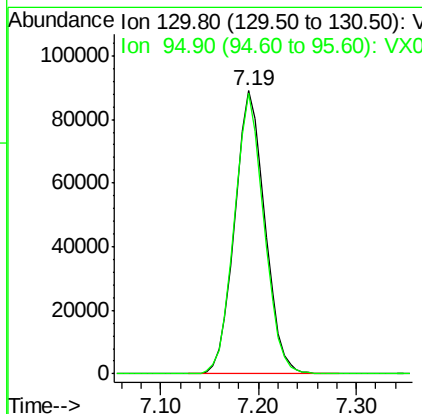
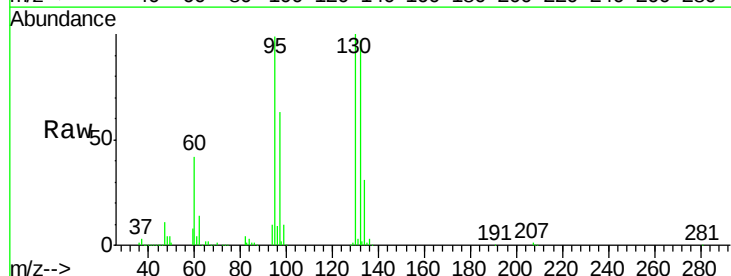
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#44

Trichloroethene
 Concen: 46.824 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016243.D
 Acq: 14 May 2020 19:47

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.3	0.0	197.4





#45

1,2-Dichloropropane

Concen: 49.482 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

SS052MW601-200513MS

Tot Ion: 63 Resp: 143662

Ion Ratio Lower Upper

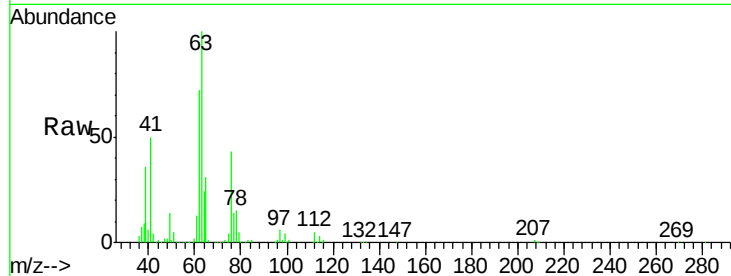
63 100

65 31.4 24.4 36.6

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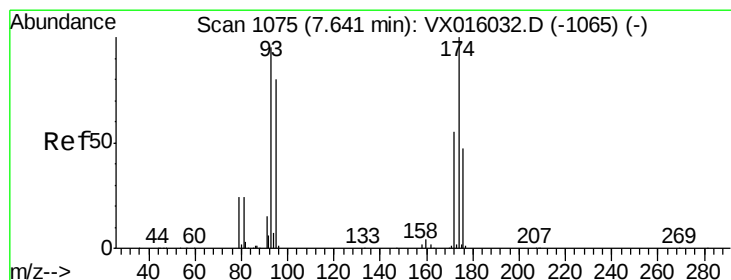
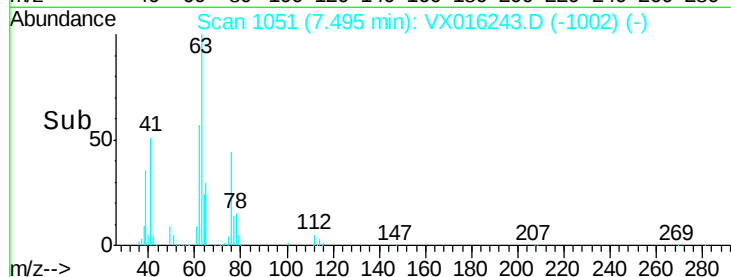
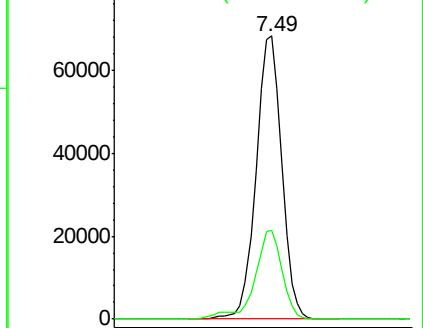
MMDadoda

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 48.681 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

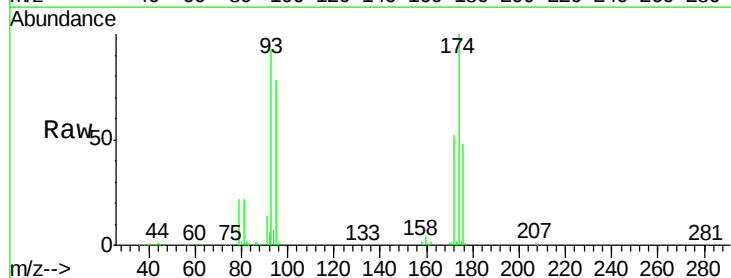
Tgt Ion: 93 Resp: 96050

Ion Ratio Lower Upper

93 100

95 81.5 66.6 100.0

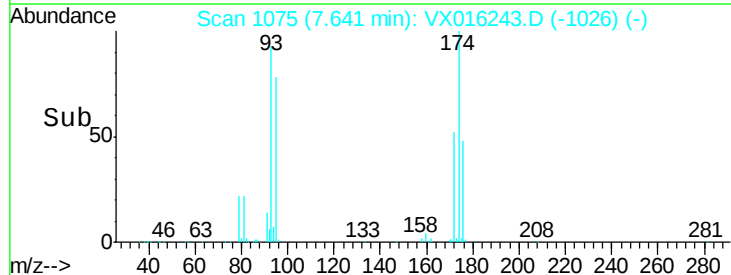
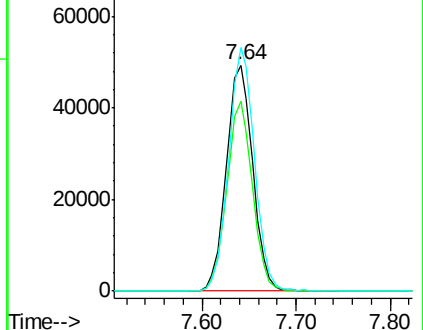
174 105.2 84.2 126.4

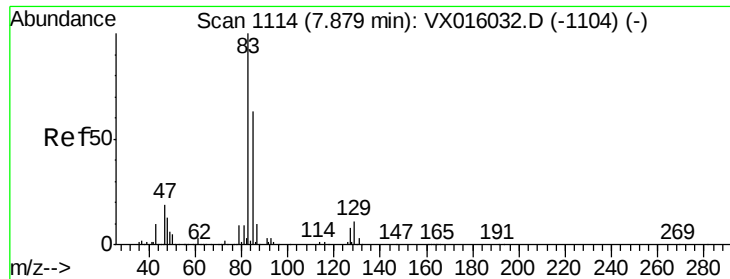


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 49.195 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

Instrument :

MSVOA_X

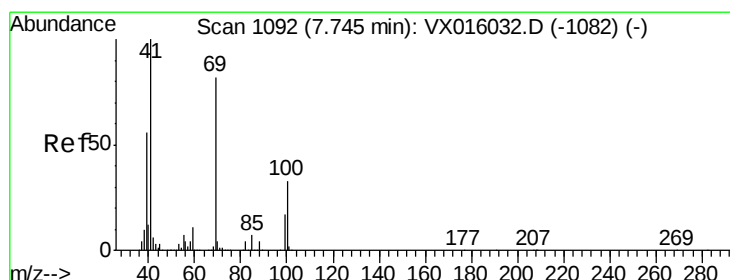
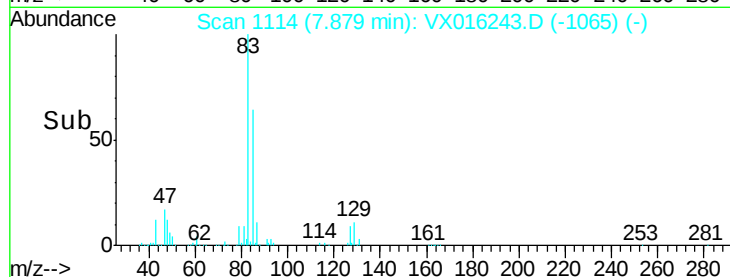
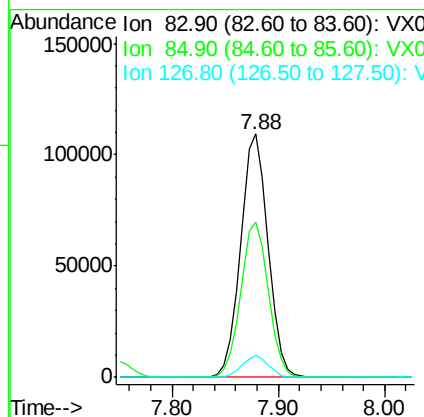
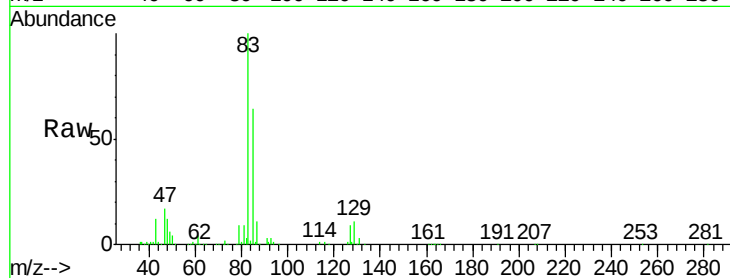
ClientSampleId :

SS052MW601-200513MS

Tot Ion:	83	Resp:	197684
Ion Ratio	Lower	Upper	
83	100		
85	64.0	50.5	75.7
127	9.1	6.7	10.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 47.206 ug/l

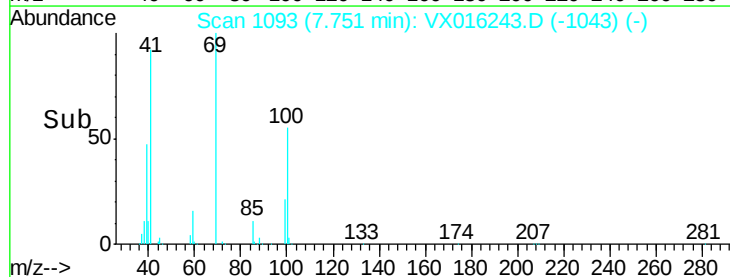
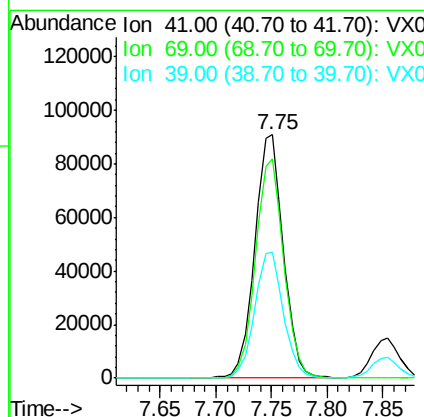
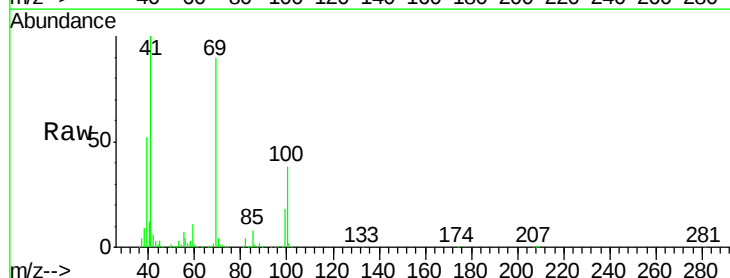
RT: 7.75 min Scan# 1093

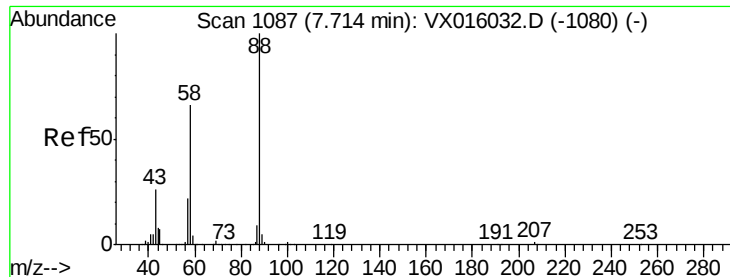
Delta R.T. 0.01 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

Tgt Ion:	41	Resp:	162213
Ion Ratio	Lower	Upper	
41	100		
69	89.6	67.8	101.6
39	52.2	44.6	67.0





#49

1,4-Dioxane

Concen: 956.134 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

Instrument :

MSVOA_X

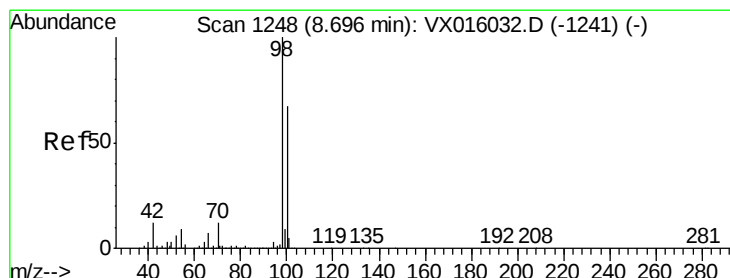
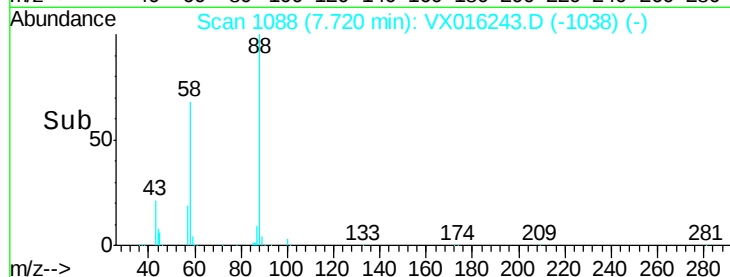
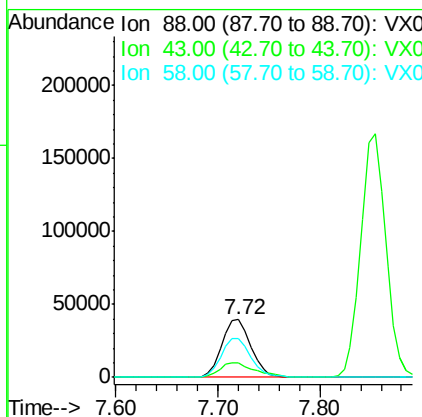
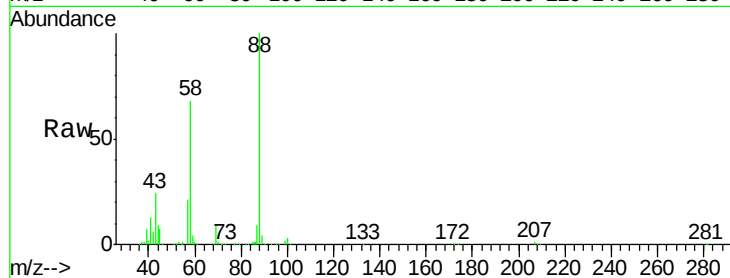
ClientSampleId :

SS052MW601-200513MS

Tot Ion:	88	Resp:	78799
Ion	Ratio	Lower	Upper
88	100		
43	28.8	25.3	37.9
58	69.6	55.9	83.9

Manual Integrations
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#50

Toluene-d8

Concen: 48.071 ug/l

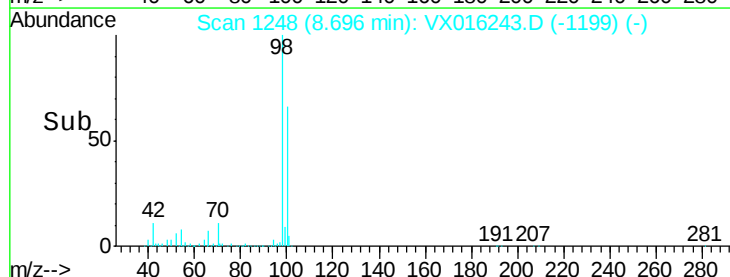
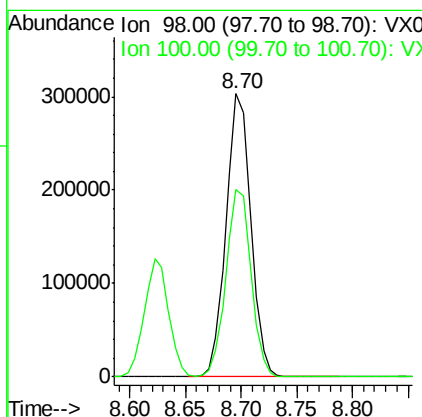
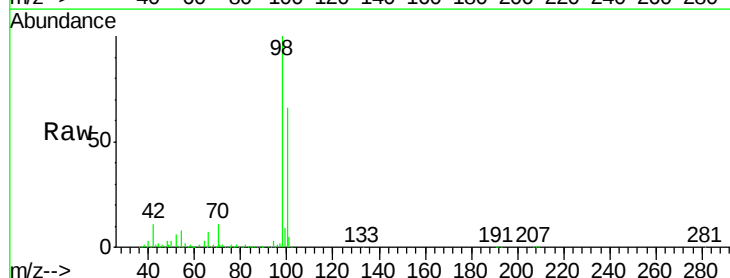
RT: 8.70 min Scan# 1248

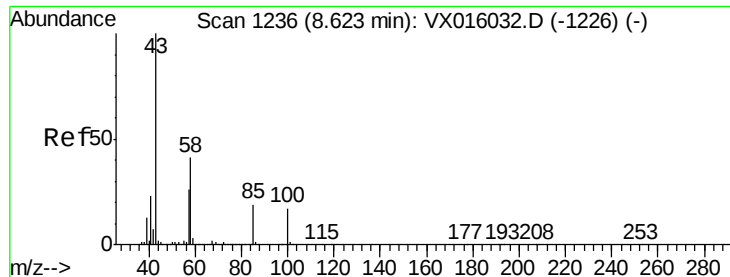
Delta R.T. -0.00 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

Tgt Ion:	98	Resp:	467482
Ion	Ratio	Lower	Upper
98	100		
100	67.0	53.7	80.5





#51

4-Methyl-2-Pentanone

Concen: 245.926 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

SS052MW601-200513MS

Tot Ion: 43 Resp: 1091360

Ion Ratio Lower Upper

43 100

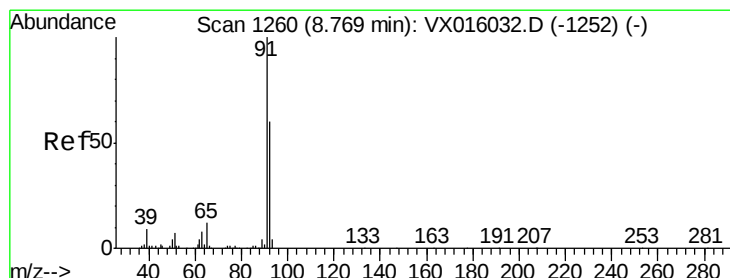
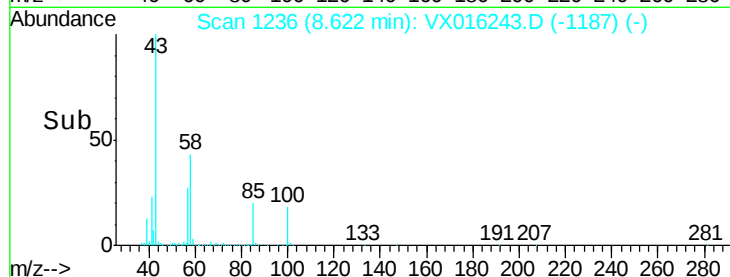
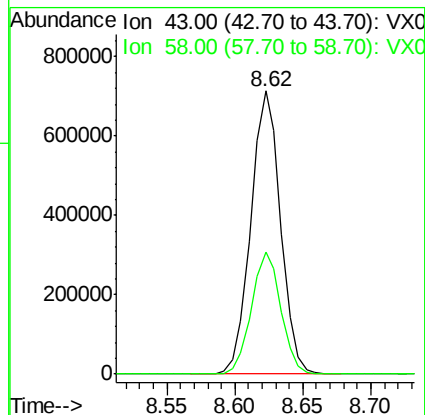
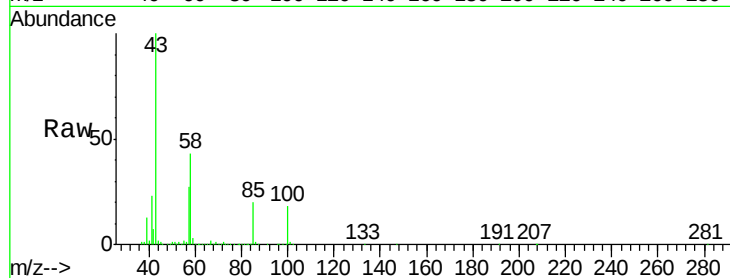
58 42.9 33.0 49.4

Manual Integrations

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#52

Toluene

Concen: 49.245 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016243.D

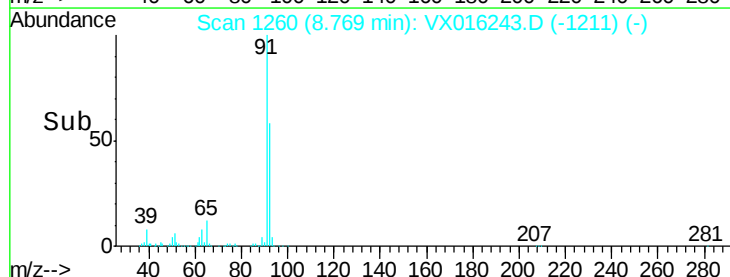
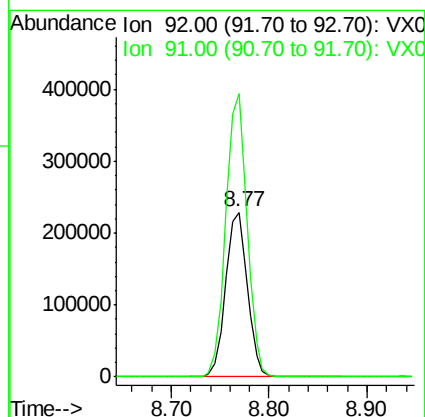
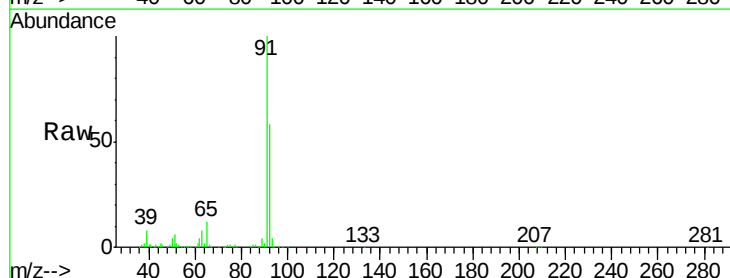
Acq: 14 May 2020 19:47

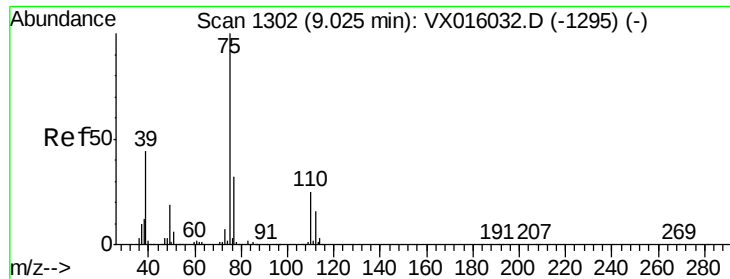
Tgt Ion: 92 Resp: 352201

Ion Ratio Lower Upper

92 100

91 169.4 134.5 201.7





#53

t-1,3-Dichloropropene

Concen: 47.931 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

SS052MW601-200513MS

Tot Ion: 75 Resp: 229646

Ion Ratio Lower Upper

75 100

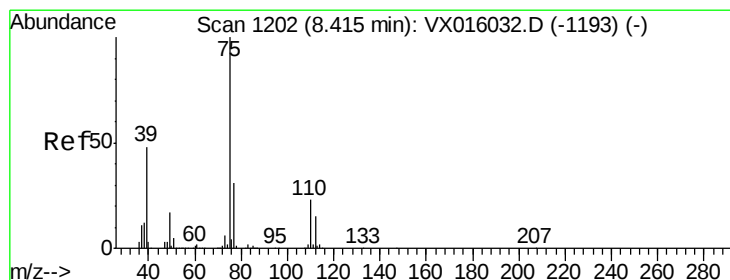
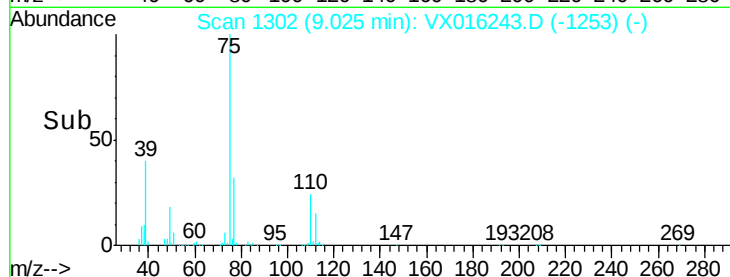
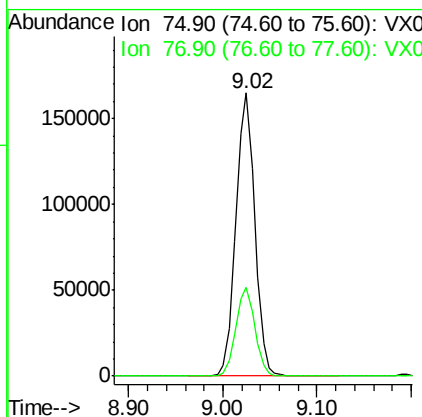
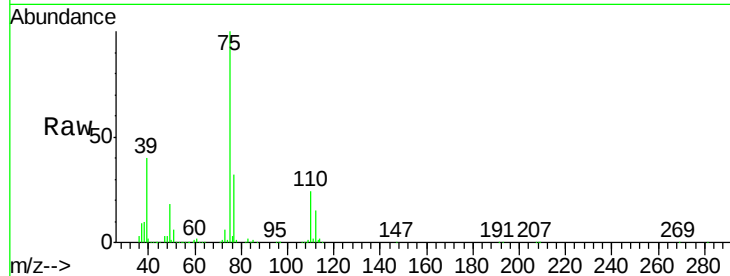
77 31.5 25.7 38.5

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 47.813 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

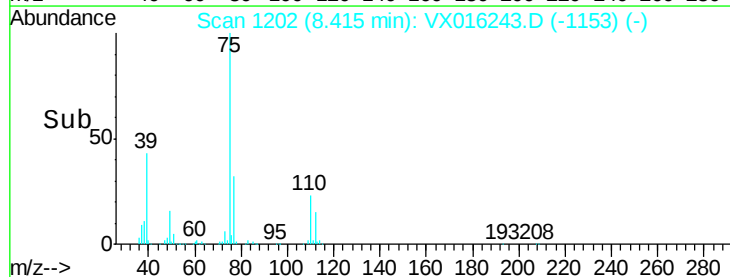
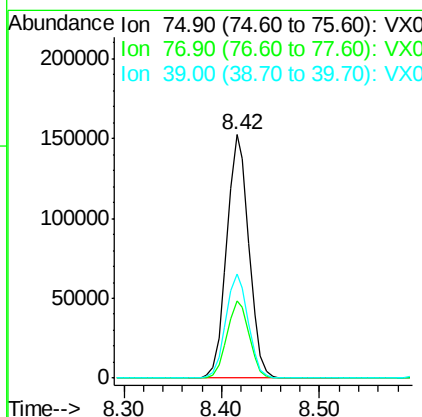
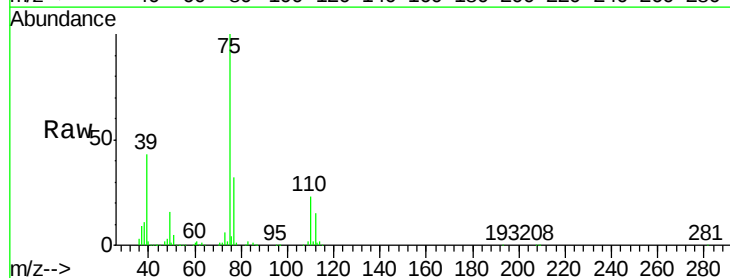
Tgt Ion: 75 Resp: 239276

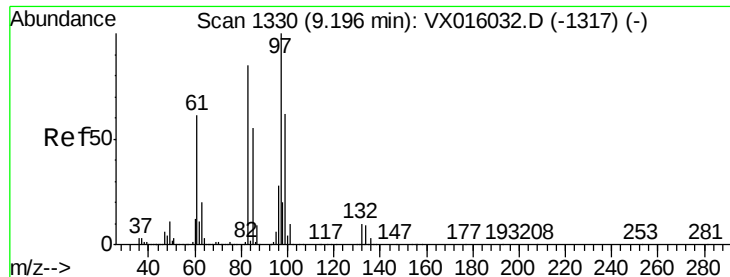
Ion Ratio Lower Upper

75 100

77 31.6 24.7 37.1

39 43.0 38.7 58.1





#55

1,1,2-Trichloroethane

Concen: 50.404 ug/l

RT: 9.20 min Scan# 1331

Delta R.T. 0.01 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

Instrument :

MSVOA_X

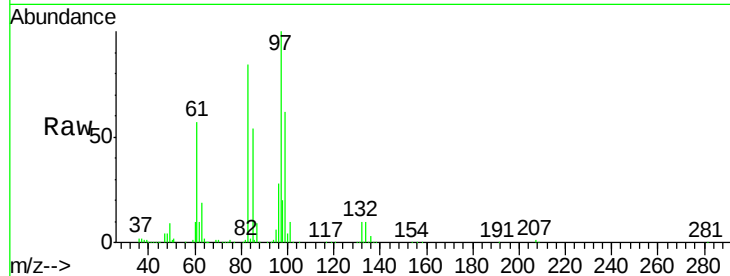
ClientSampleId :

SS052MW601-200513MS

Tot Ion:	97	Resp:	141830
Ion Ratio	Lower	Upper	
97	100		
83	83.5	67.8	101.8
85	54.4	43.8	65.8
99	62.3	49.4	74.0

Manual Integrations
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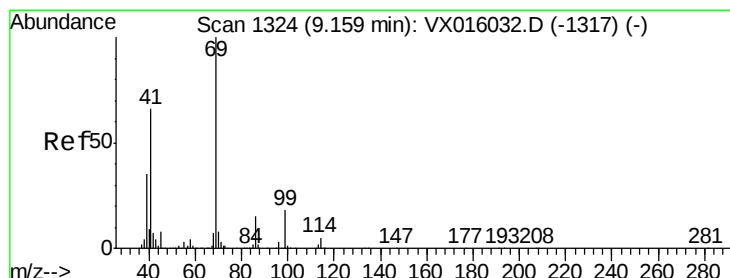
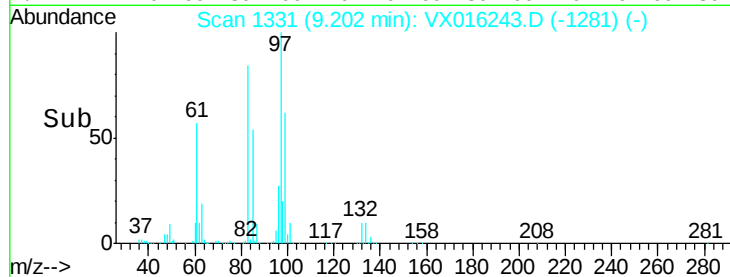
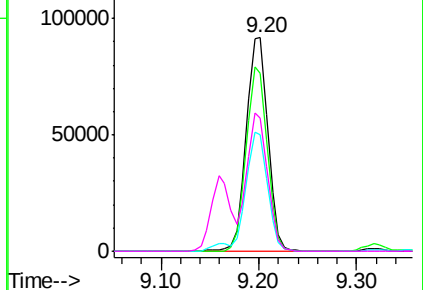


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 50.806 ug/l

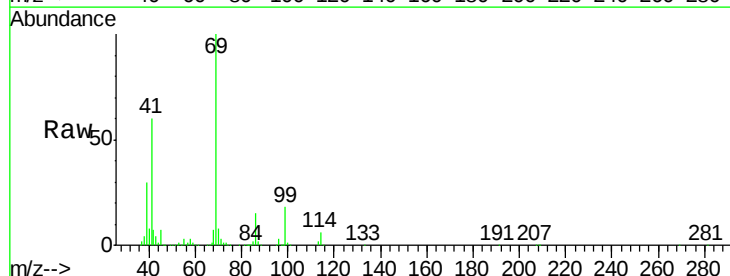
RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

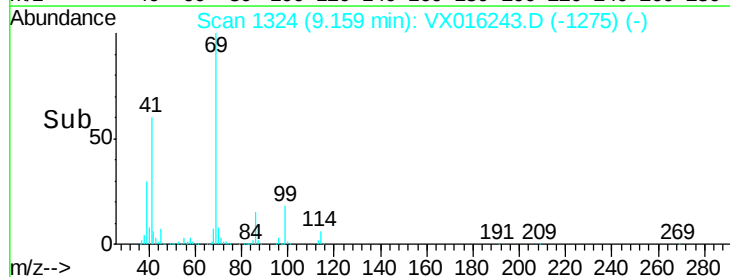
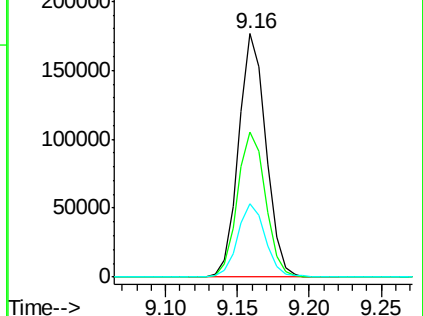
Tgt Ion:	69	Resp:	233356
Ion Ratio	Lower	Upper	
69	100		
41	61.3	52.2	78.4
39	30.8	28.2	42.4

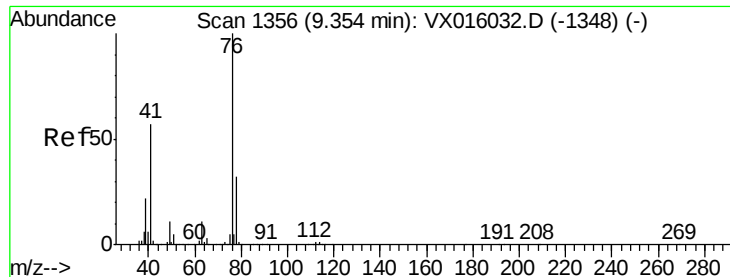


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 50.199 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

SS052MW601-200513MS

Tot Ion: 76 Resp: 246472

Ion Ratio Lower Upper

76 100

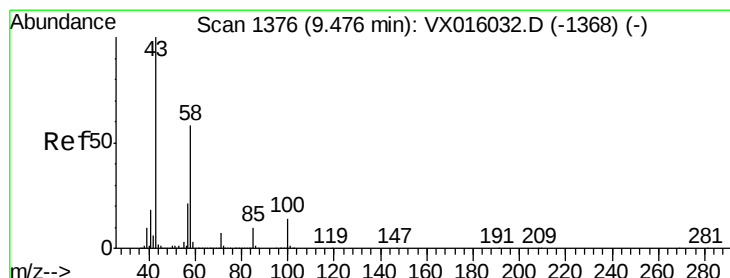
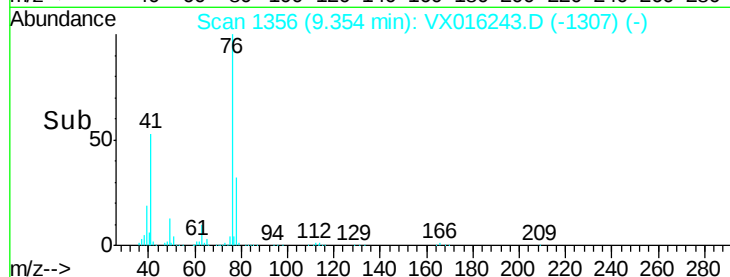
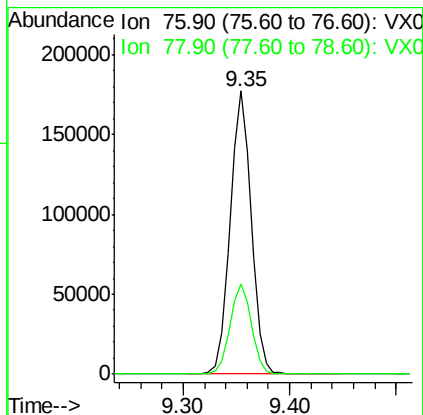
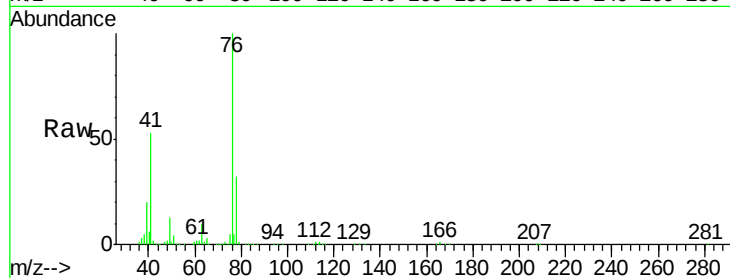
78 32.3 25.9 38.9

Manual Integrations

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#59

2-Hexanone

Concen: 242.703 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. -0.00 min

Lab File: VX016243.D

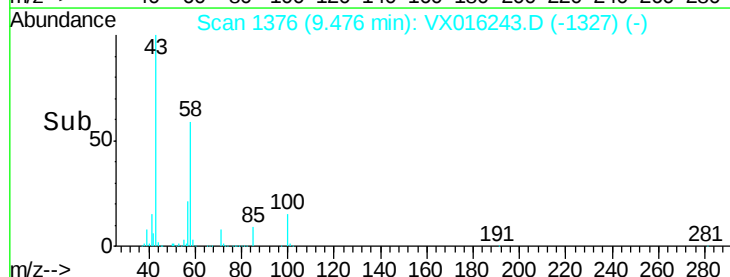
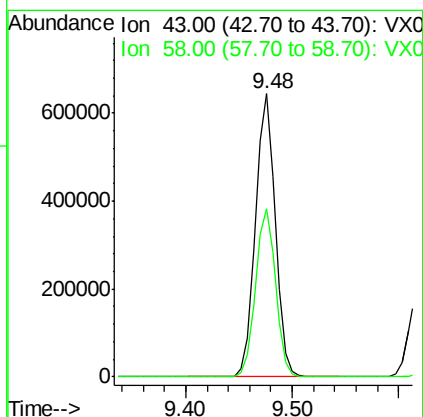
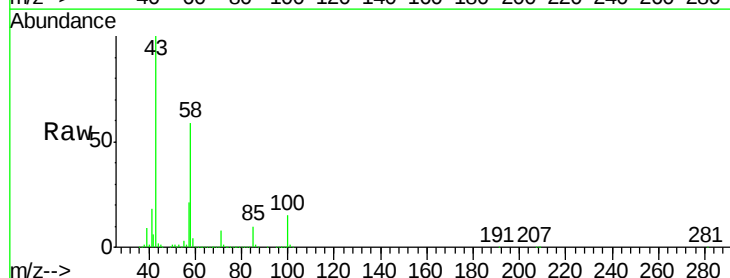
Acq: 14 May 2020 19:47

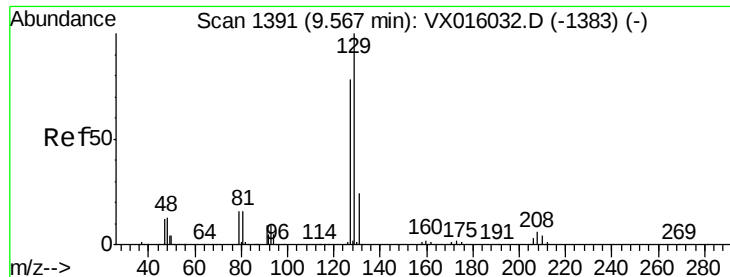
Tgt Ion: 43 Resp: 845838

Ion Ratio Lower Upper

43 100

58 59.9 28.6 85.9





#60

Dibromochloromethane

Concen: 52.038 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

SS052MW601-200513MS

Tot Ion:129 Resp: 161268

Ion Ratio Lower Upper

129 100

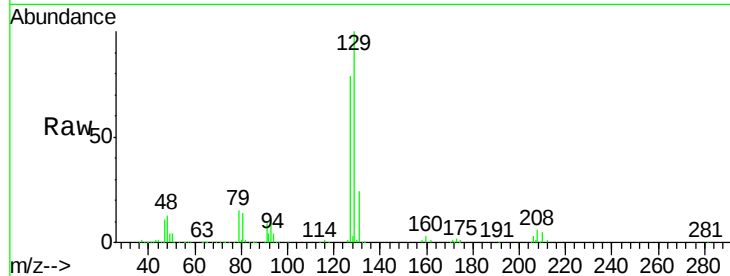
127 77.3 38.4 115.2

Manual Integrations

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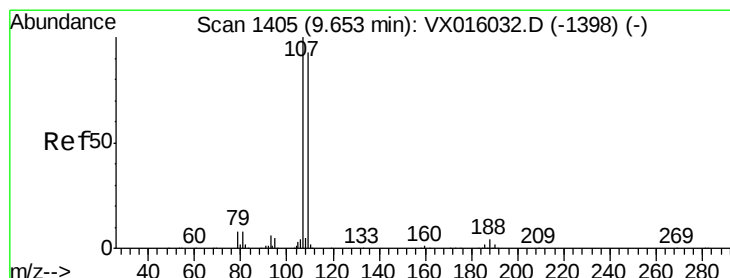
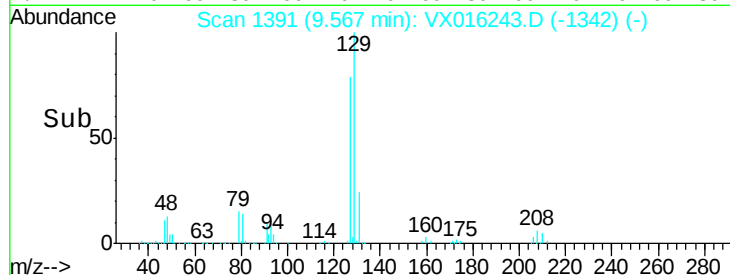
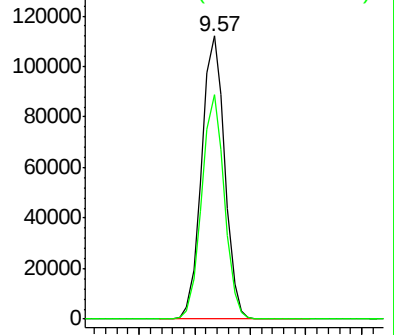
MMDadoda

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 49.747 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016243.D

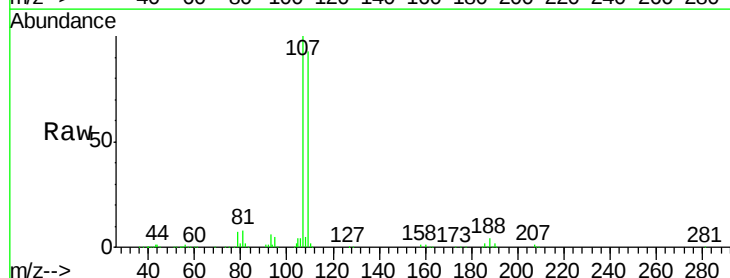
Acq: 14 May 2020 19:47

Tgt Ion:107 Resp: 151624

Ion Ratio Lower Upper

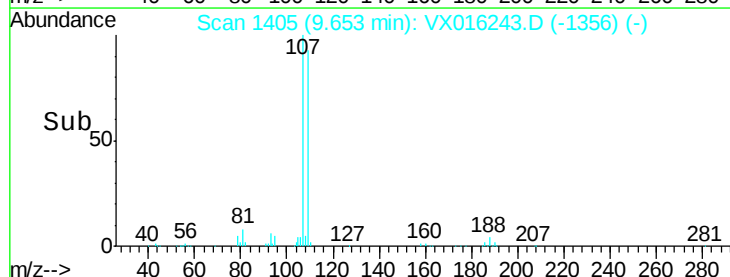
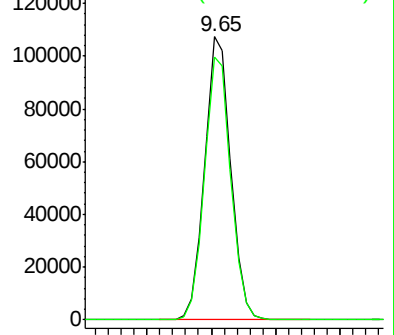
107 100

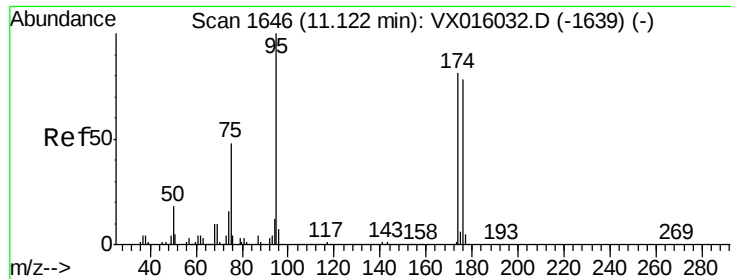
109 94.1 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 49.973 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

Instrument :

MSVOA_X

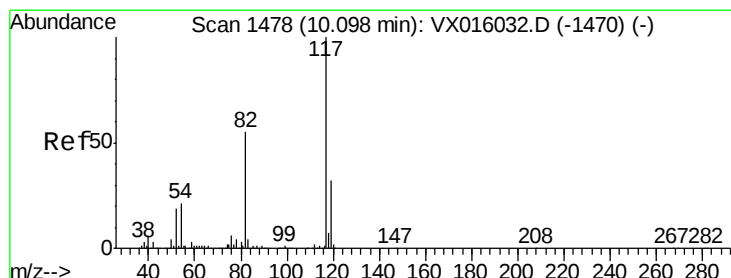
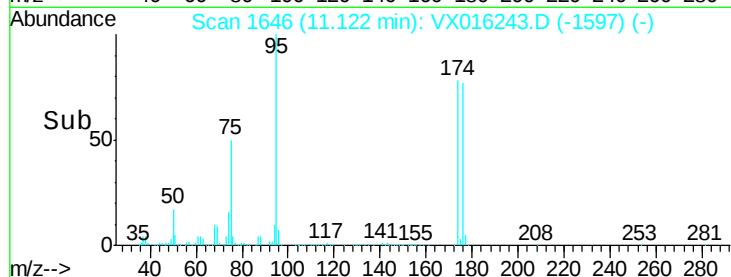
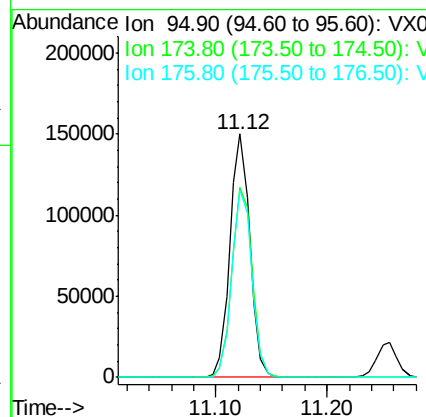
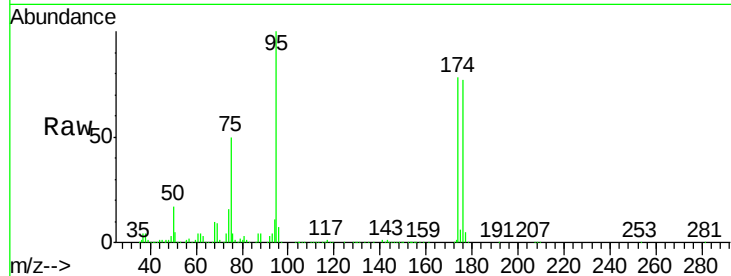
ClientSampleId :

SS052MW601-200513MS

Tot Ion:	95	Resp:	184842
Ion Ratio	Lower	Upper	
95	100		
174	80.3	0.0	159.4
176	78.1	0.0	157.6

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

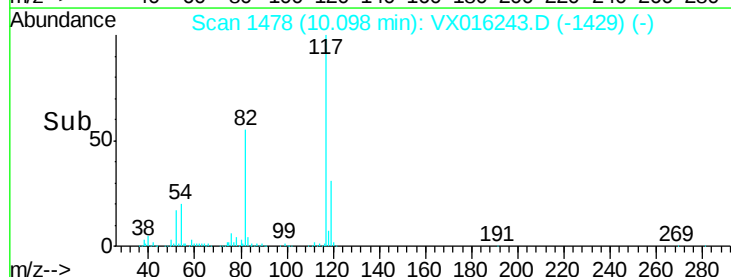
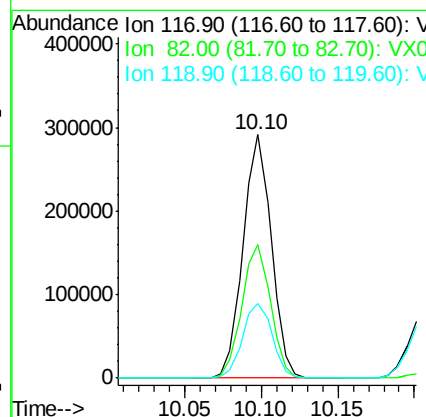
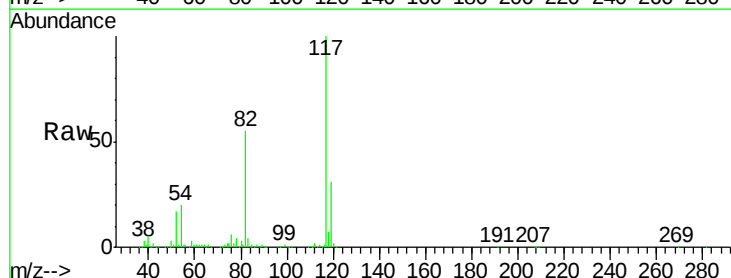
RT: 10.10 min Scan# 1478

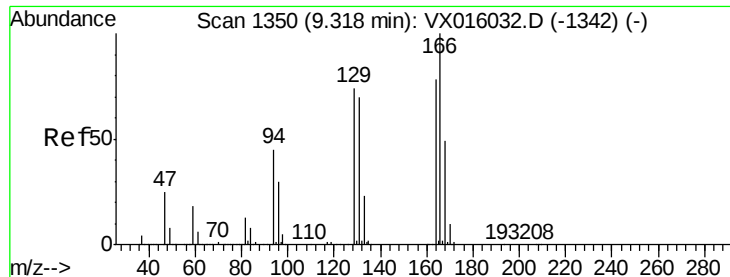
Delta R.T. -0.00 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

Tgt Ion:	117	Resp:	374104
Ion Ratio	Lower	Upper	
117	100		
82	54.6	44.4	66.6
119	30.7	25.5	38.3





#64

Tetrachloroethene

Concen: 43.667 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

Instrument :

MSVOA_X

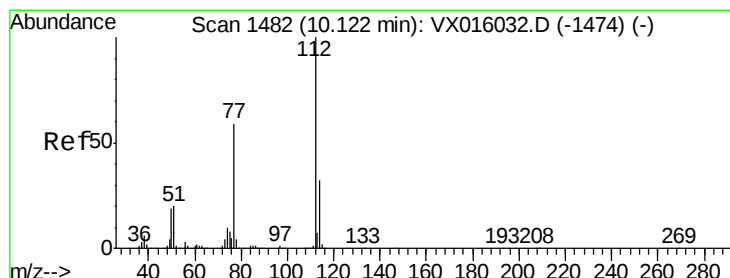
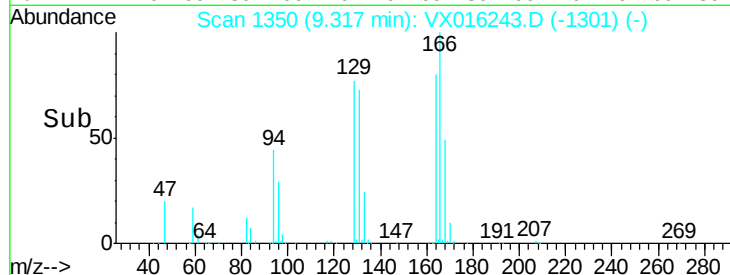
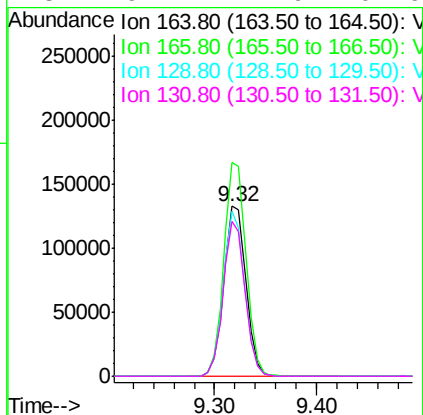
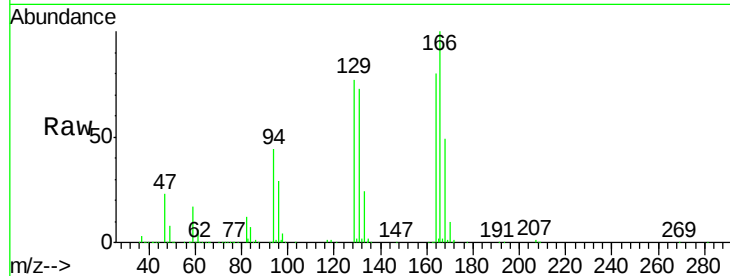
ClientSampleId :

SS052MW601-200513MS

Tot Ion	Ratio	Lower	Upper
164	100		
166	125.8	102.9	154.3
129	97.3	76.1	114.1
131	91.4	71.9	107.9

Manual Integrations
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#65

Chlorobenzene

Concen: 48.062 ug/l

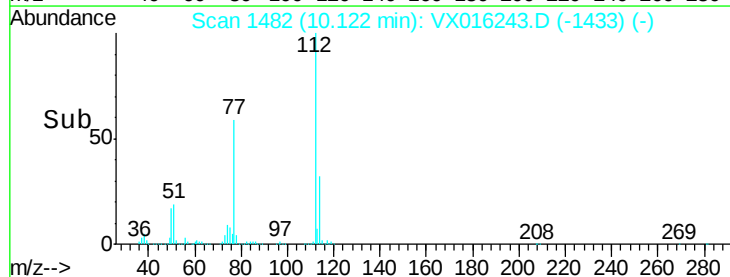
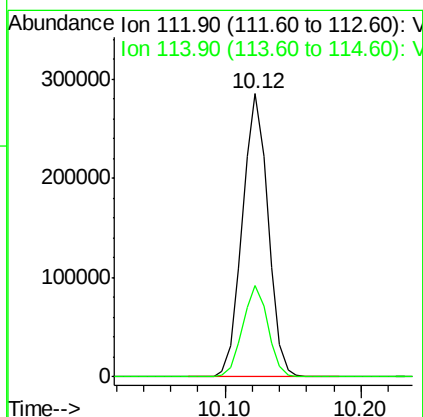
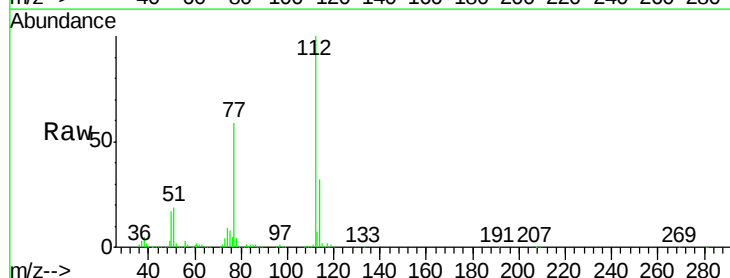
RT: 10.12 min Scan# 1482

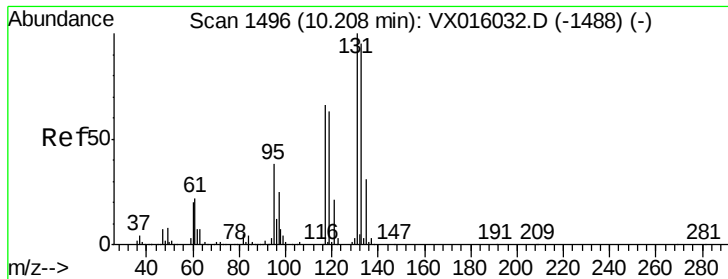
Delta R.T. -0.00 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.3	25.7	38.5





#66

1,1,1,2-Tetrachloroethane

Concen: 49.413 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

Instrument :

MSVOA_X

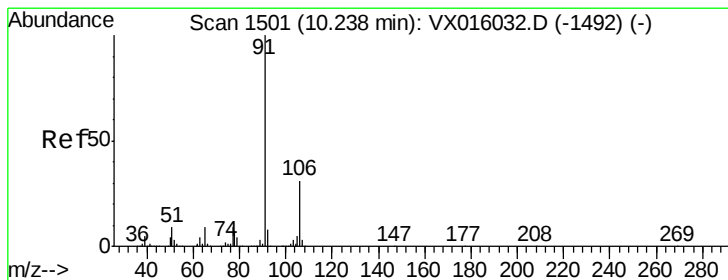
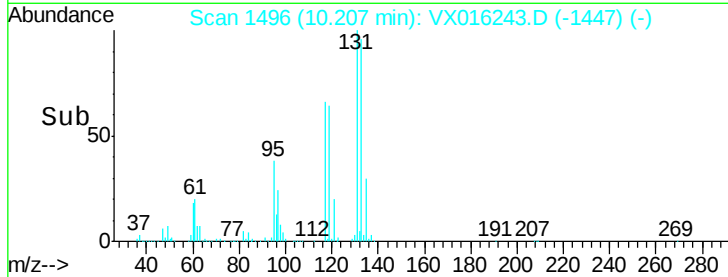
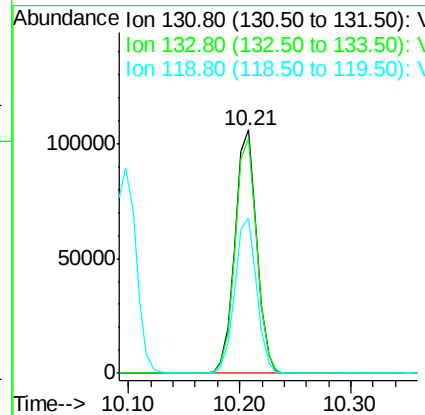
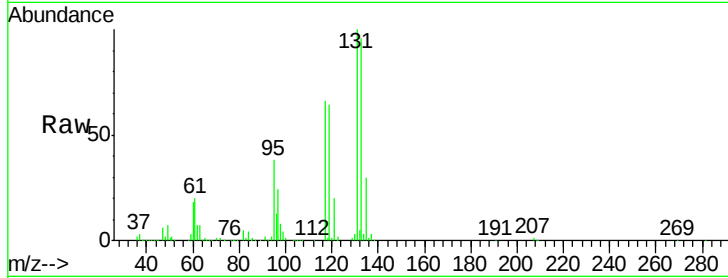
ClientSampleId :

SS052MW601-200513MS

Tot Ion:	131	Resp:	143063
Ion Ratio	Lower	Upper	
131	100		
133	96.1	48.3	144.8
119	64.0	32.3	96.9

Manual Integrations
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#67

Ethyl Benzene

Concen: 48.239 ug/l

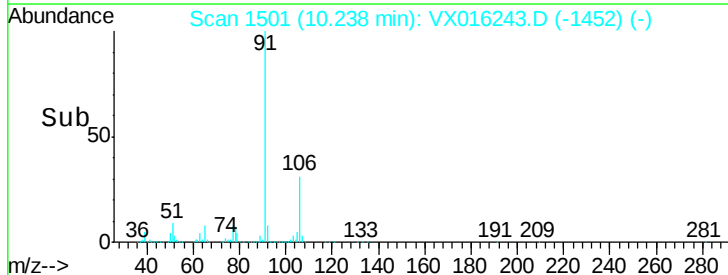
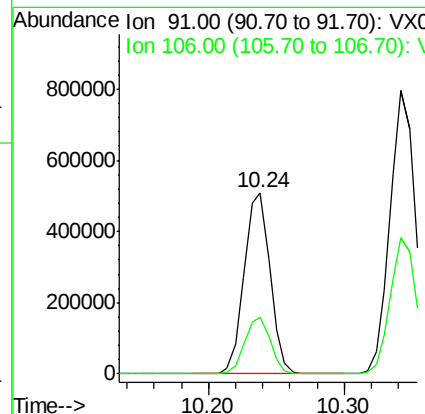
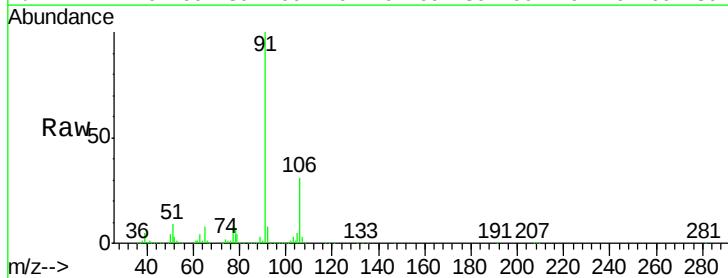
RT: 10.24 min Scan# 1501

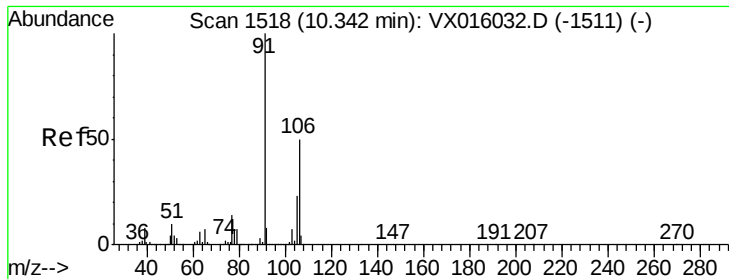
Delta R.T. -0.00 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

Tgt Ion:	91	Resp:	674224
Ion Ratio	Lower	Upper	
91	100		
106	31.5	25.1	37.7





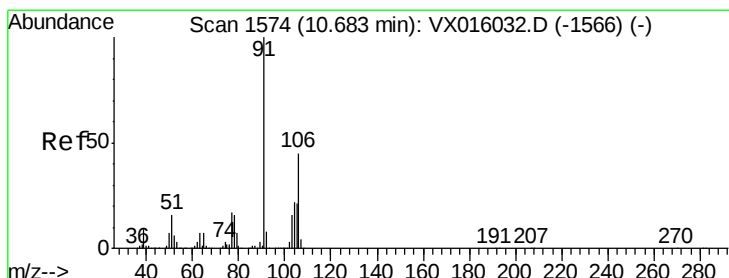
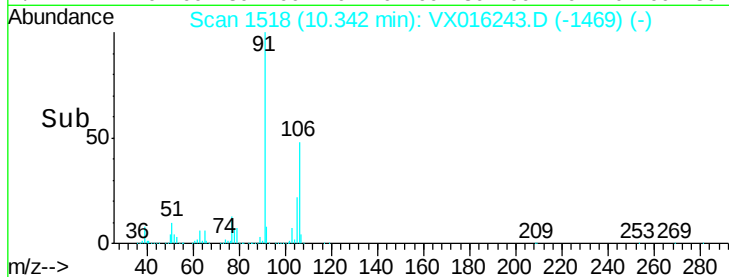
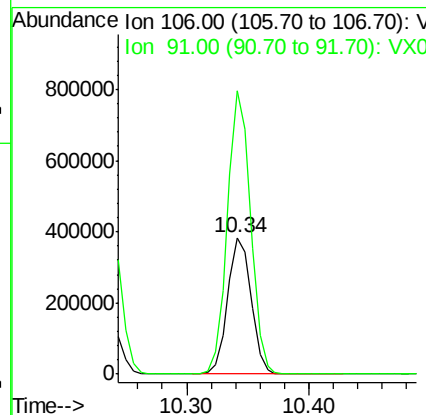
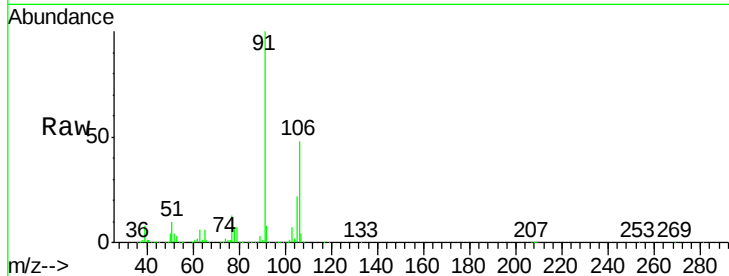
#68
m/p-Xylenes
Concen: 97.247 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016243.D
Acq: 14 May 2020 19:47

Instrument :
MSVOA_X
ClientSampleId :
SS052MW601-200513MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		509236		
91	204.5	161.7	242.5		

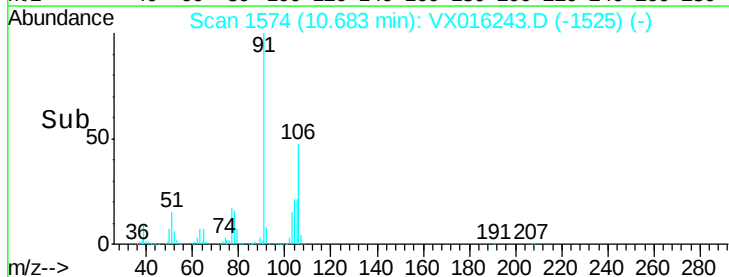
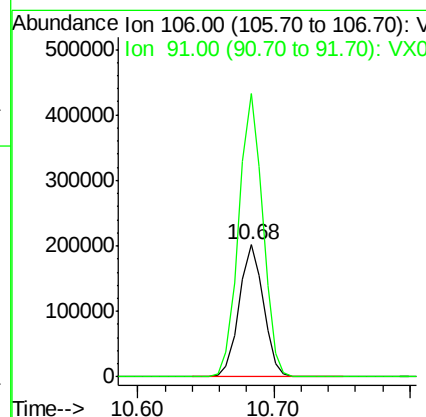
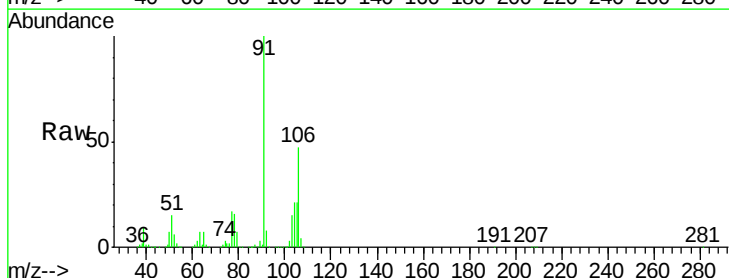
Manual Integrations
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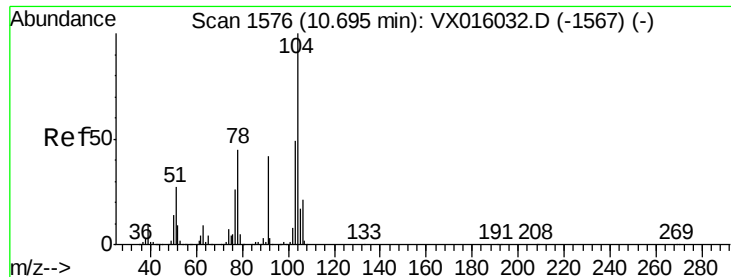
MMDadoda
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#69
o-Xylene
Concen: 49.742 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016243.D
Acq: 14 May 2020 19:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100		250379		
91	212.7	107.5	322.6		





#70

Stvrene

Concen: 49.713 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. -0.00 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

Instrument :

MSVOA_X

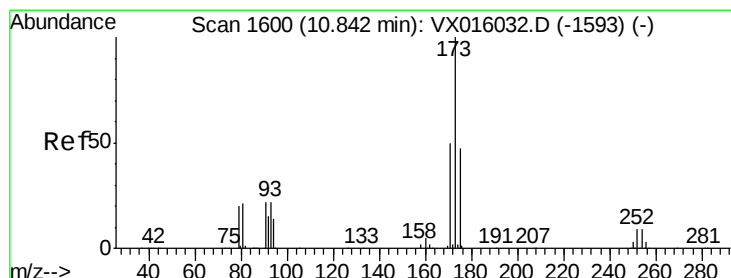
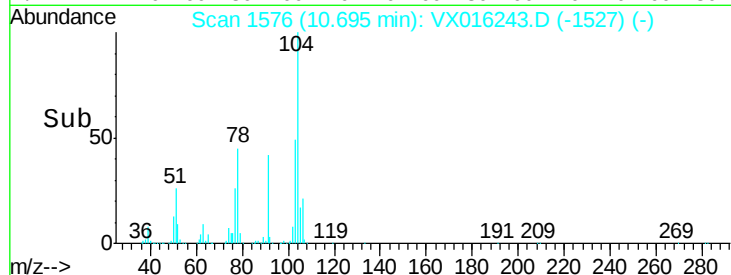
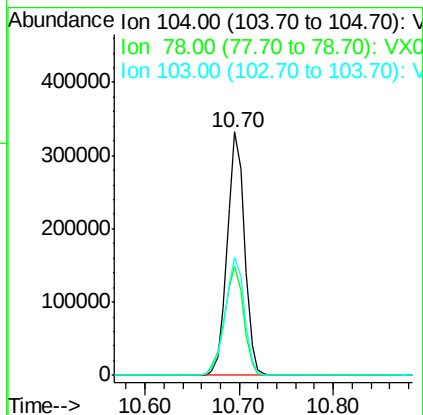
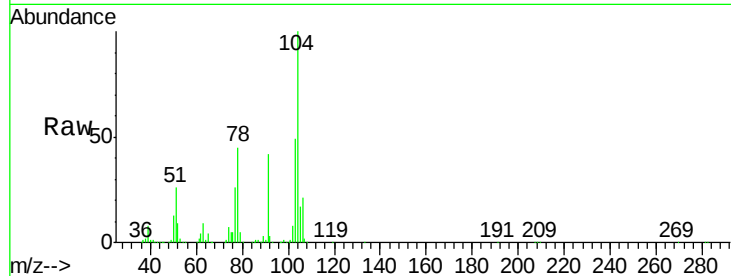
ClientSampleId :

SS052MW601-200513MS

Tot Ion:	104	Resp:	424523
Ion Ratio	Lower	Upper	
104	100		
78	50.1	40.2	60.2
103	53.3	43.0	64.6

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#71

Bromoform

Concen: 53.885 ug/l

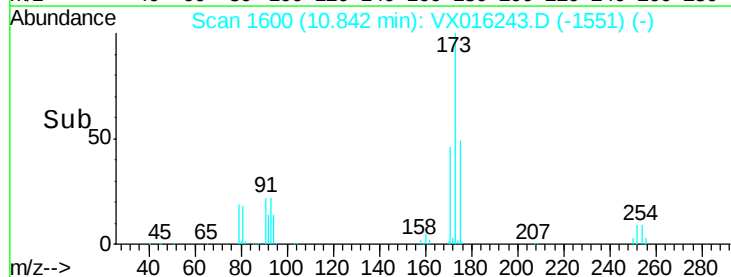
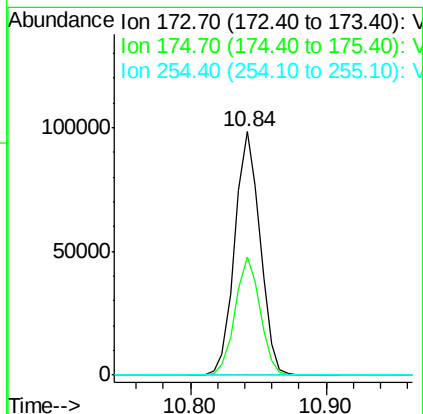
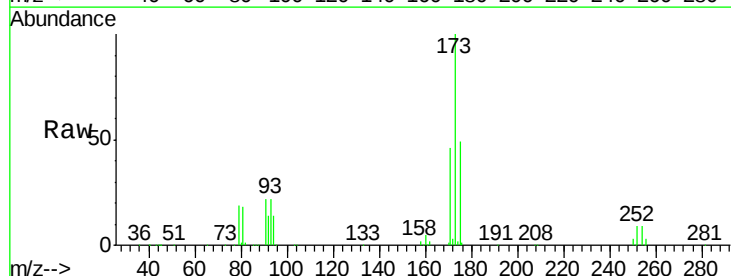
RT: 10.84 min Scan# 1600

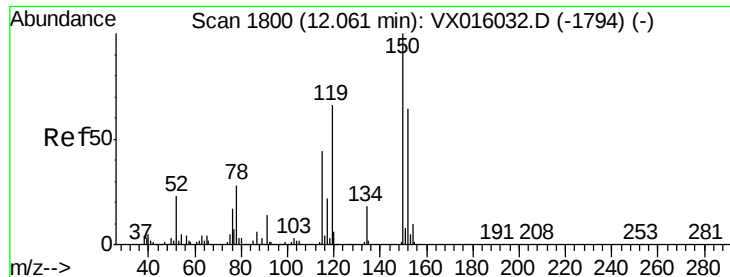
Delta R.T. -0.00 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

Tgt Ion:	173	Resp:	127106
Ion Ratio	Lower	Upper	
173	100		
175	47.8	24.0	72.0
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: VX016243.D

Acq: 14 May 2020 19:47

Instrument :

MSVOA_X

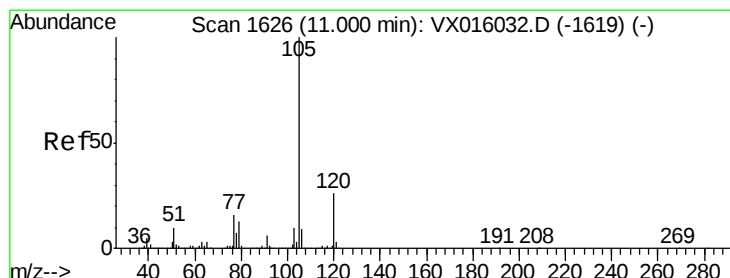
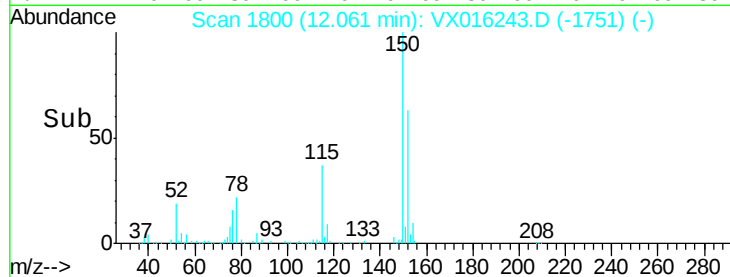
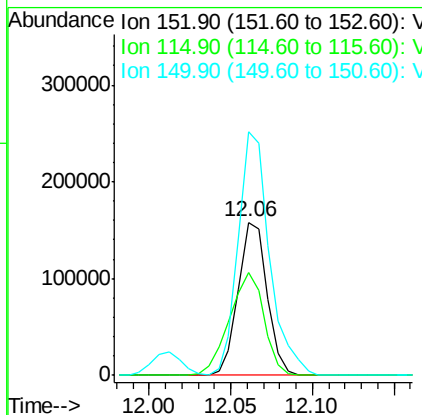
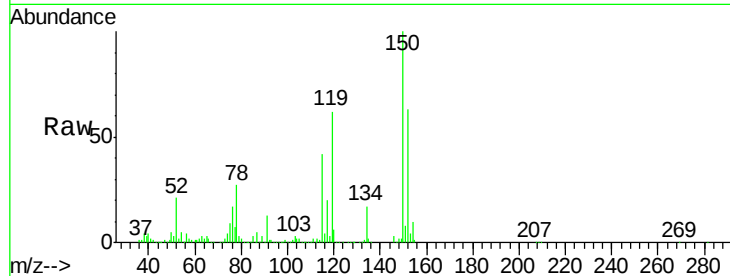
ClientSampleId :

SS052MW601-200513MS

Tot Ion:	152	Resp:	195810
Ion Ratio	Lower	Upper	
152	100		
115	80.6	41.3	124.1
150	172.6	0.0	352.2

Manual Integrations
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#73

Isopropylbenzene

Concen: 46.056 ug/l

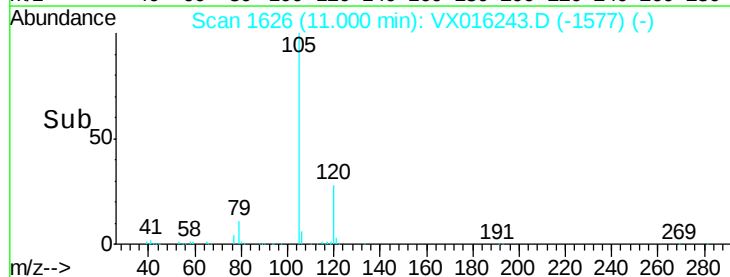
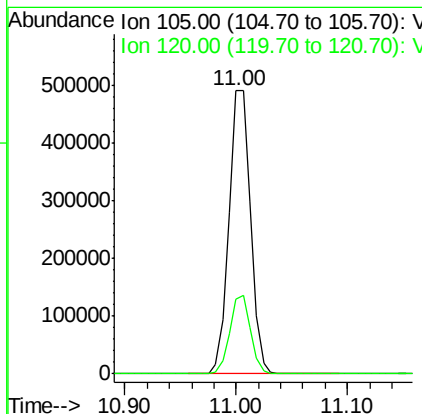
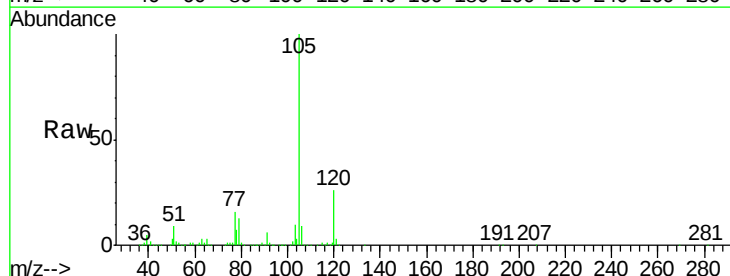
RT: 11.00 min Scan# 1626

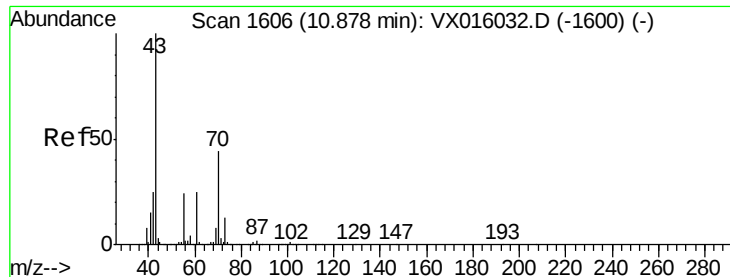
Delta R.T. -0.00 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

Tgt Ion:	105	Resp:	655933
Ion Ratio	Lower	Upper	
105	100		
120	26.7	13.4	40.2





#74

N-amvl acetate

Concen: 43.239 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

Instrument :

MSVOA_X

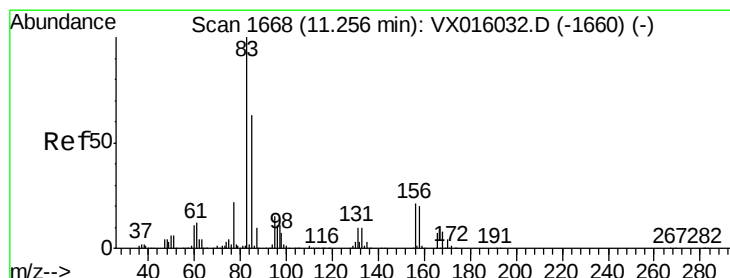
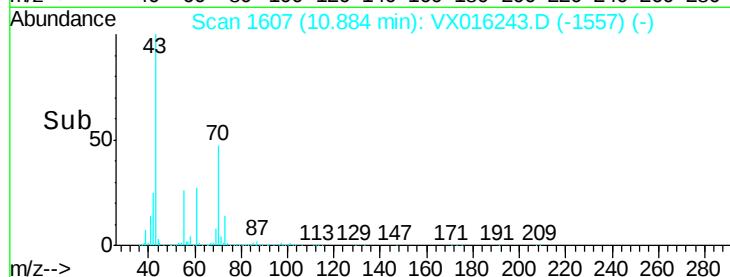
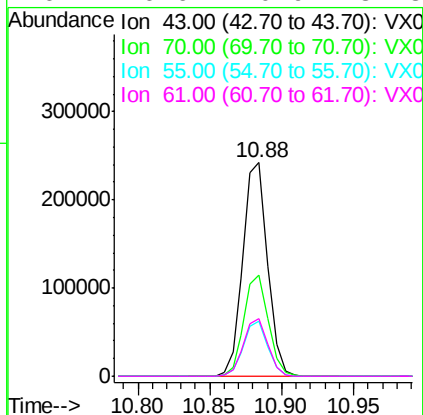
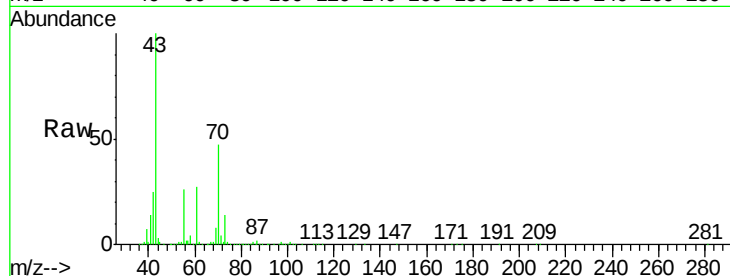
ClientSampleId :

SS052MW601-200513MS

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
70	47.2	36.5	54.7	
55	25.5	19.7	29.5	
61	26.6	20.9	31.3	

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#75

1,1,2,2-Tetrachloroethane

Concen: 61.366 ug/l

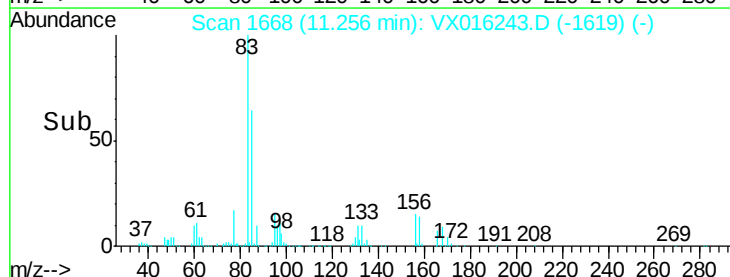
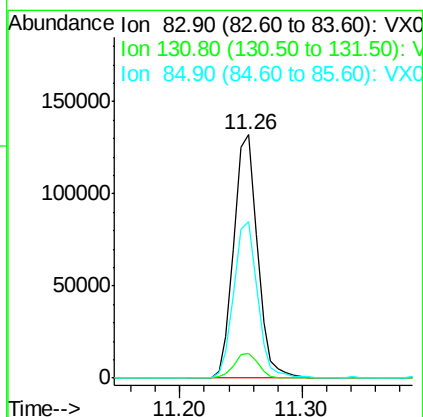
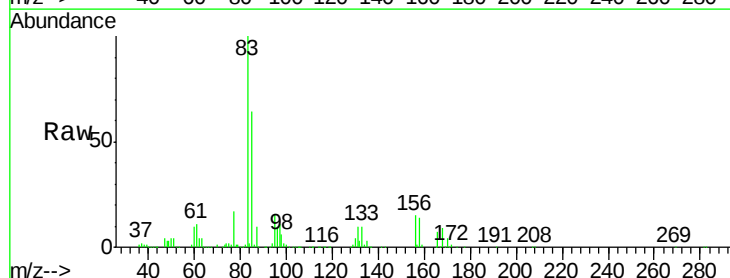
RT: 11.26 min Scan# 1668

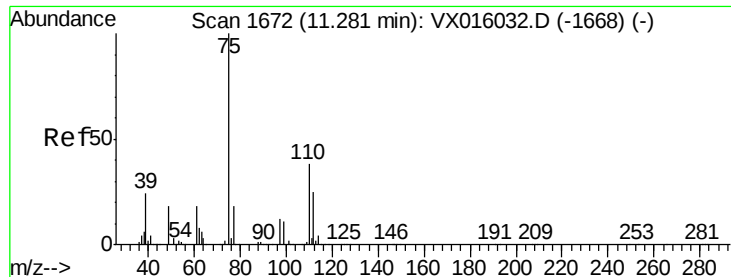
Delta R.T. 0.00 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

Tgt Ion	Ion	Ratio	Lower	Upper
83	100			
131	10.3	5.1	15.4	
85	64.5	32.0	96.0	





#76

1,2,3-Trichloropropane

Concen: 47.165 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

SS052MW601-200513MS

Tot Ion: 75 Resp: 209571

Ion Ratio Lower Upper

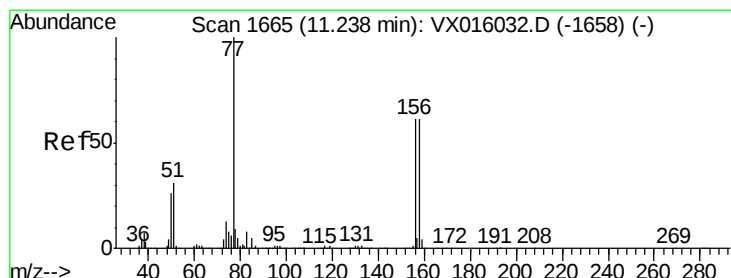
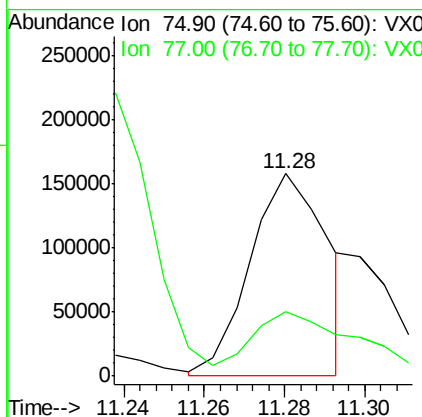
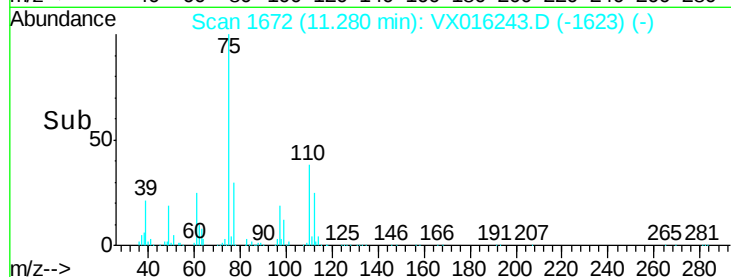
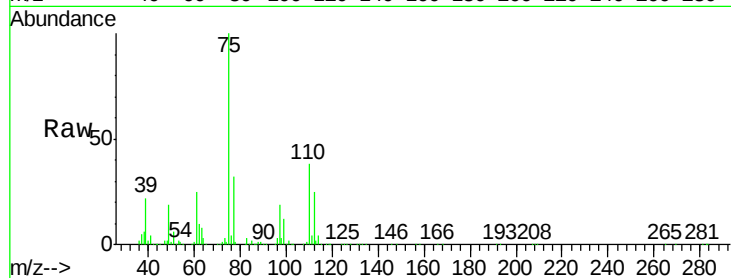
75 100

77 43.8 21.2 63.6

Manual Integrations
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#77

Bromobenzene

Concen: 46.673 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

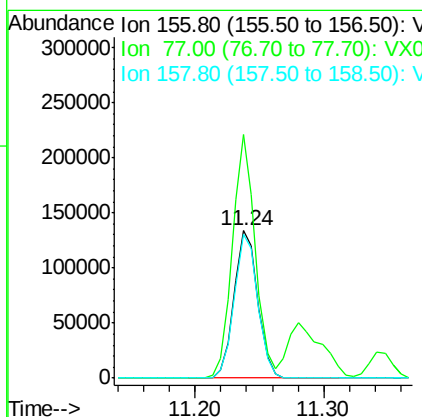
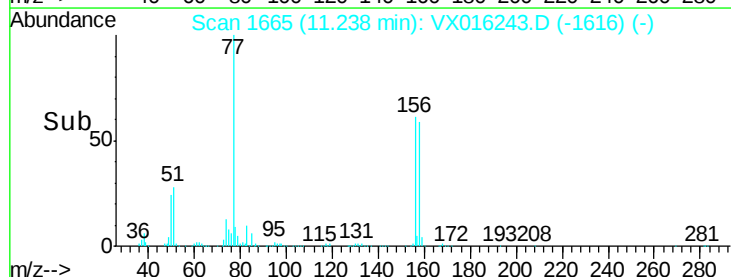
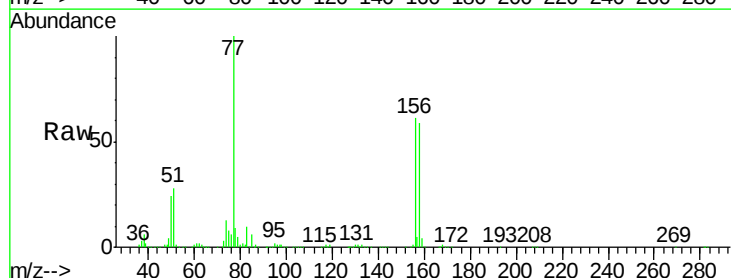
Tgt Ion: 156 Resp: 171576

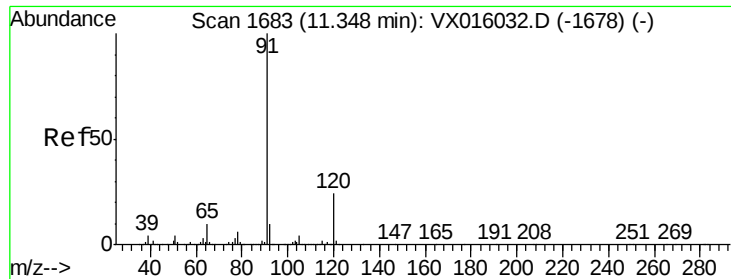
Ion Ratio Lower Upper

156 100

77 159.4 80.1 240.3

158 97.2 49.4 148.2





#78

n-propylbenzene

Concen: 45.975 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

SS052MW601-200513MS

Tot Ion: 91 Resp: 761734

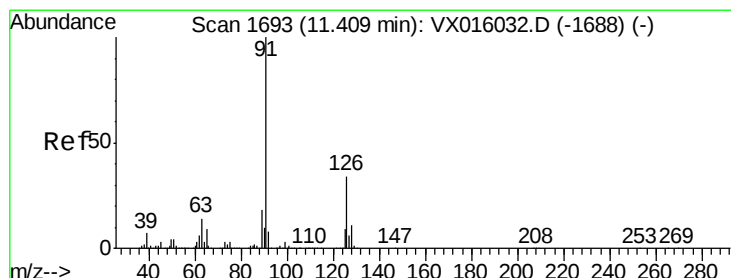
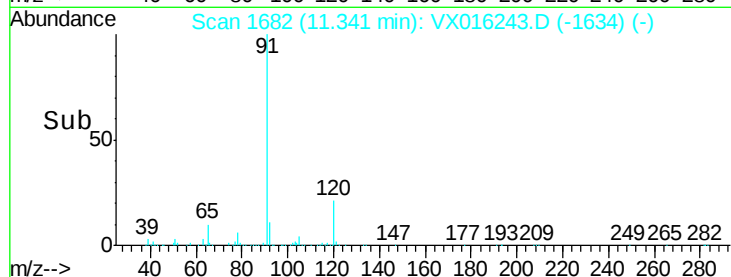
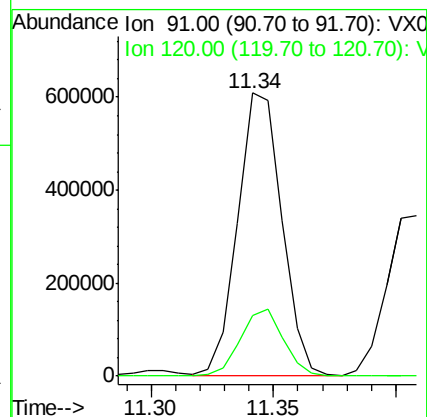
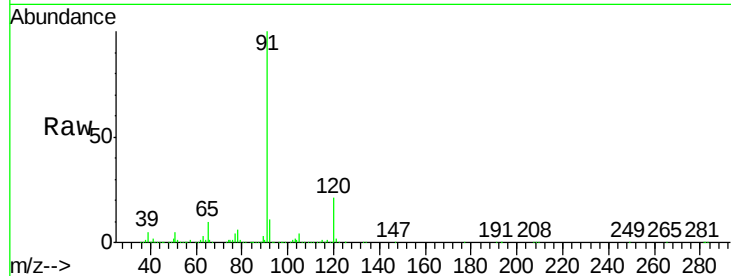
Ion Ratio Lower Upper

91 100

120 23.2 11.5 34.5

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#79

2-Chlorotoluene

Concen: 46.298 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. -0.00 min

Lab File: VX016243.D

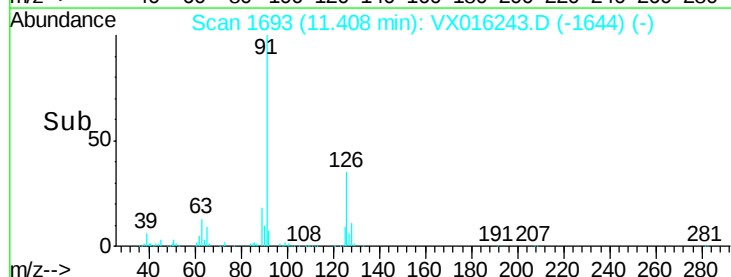
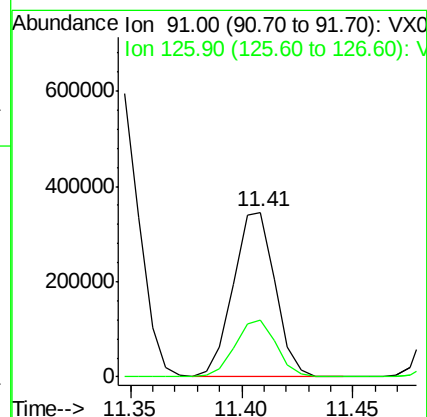
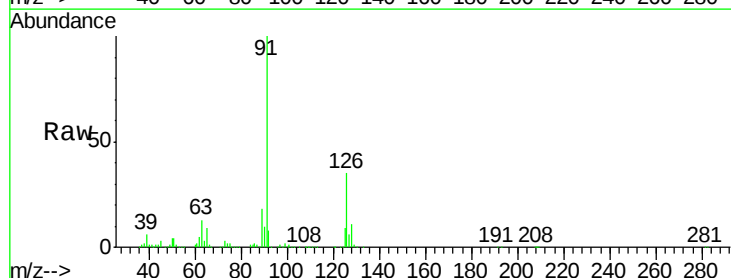
Acq: 14 May 2020 19:47

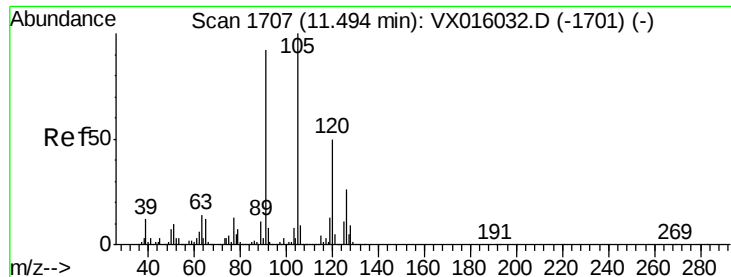
Tgt Ion: 91 Resp: 452793

Ion Ratio Lower Upper

91 100

126 33.7 16.9 50.6





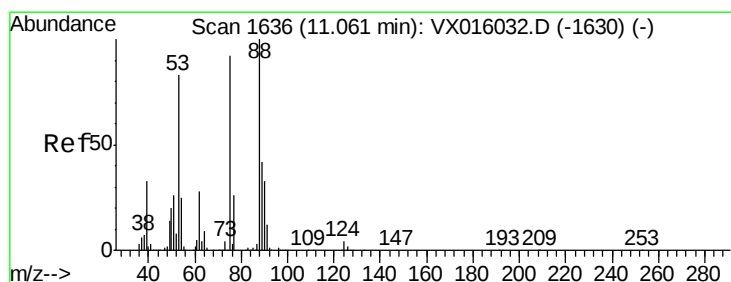
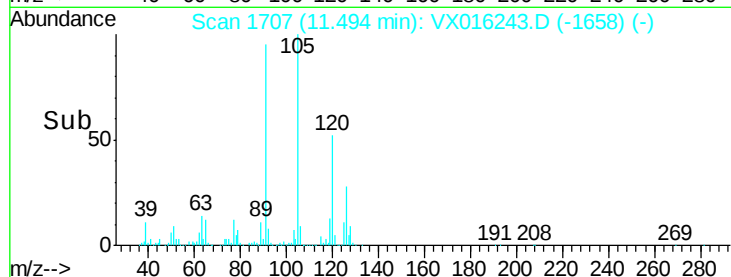
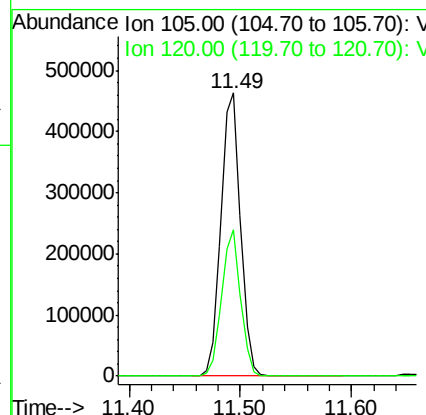
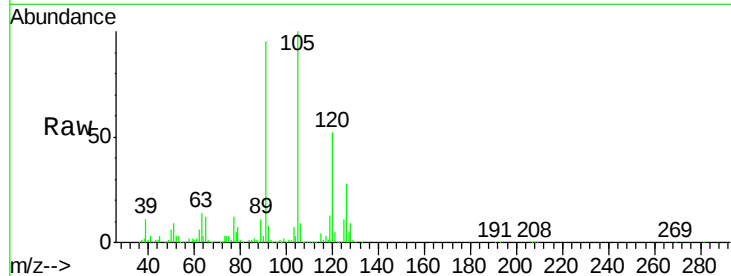
#80
 1,3,5-Trimethylbenzene
 Concen: 46.615 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX016243.D
 Acq: 14 May 2020 19:47

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW601-200513MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	50.0	24.6	74.0

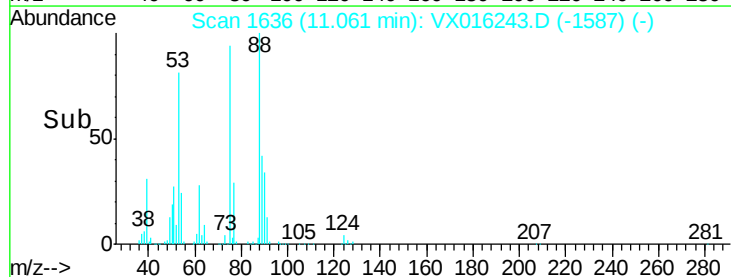
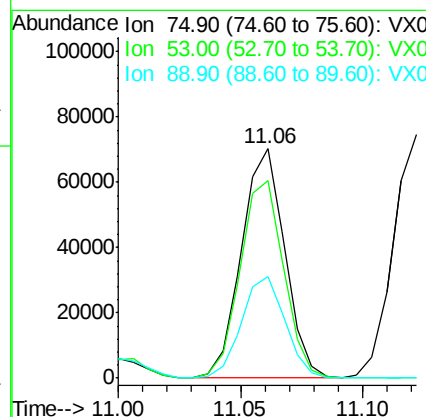
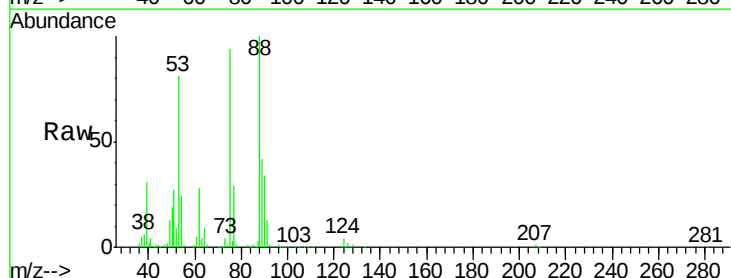
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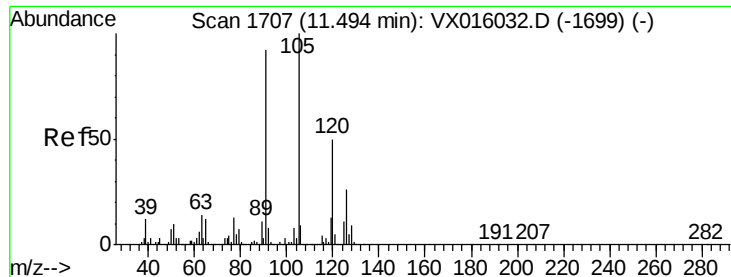
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 46.235 ug/l
 RT: 11.06 min Scan# 1636
 Delta R.T. -0.00 min
 Lab File: VX016243.D
 Acq: 14 May 2020 19:47

Tgt Ion	Ratio	Lower	Upper
75	100		
53	87.1	73.1	109.7
89	45.0	36.7	55.1





#82

4-Chlorotoluene

Concen: 46.876 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

SS052MW601-200513MS

Tot Ion: 91 Resp: 541363

Ion Ratio Lower Upper

91 100

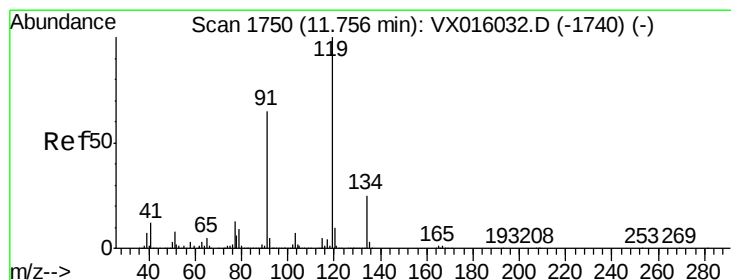
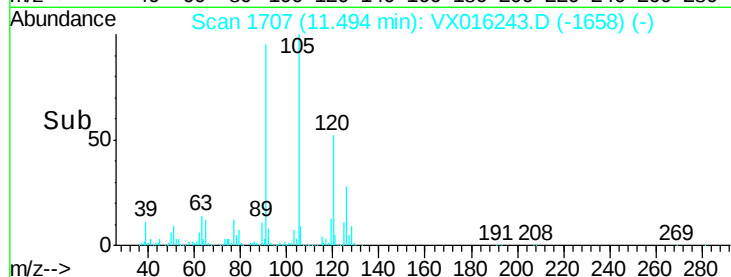
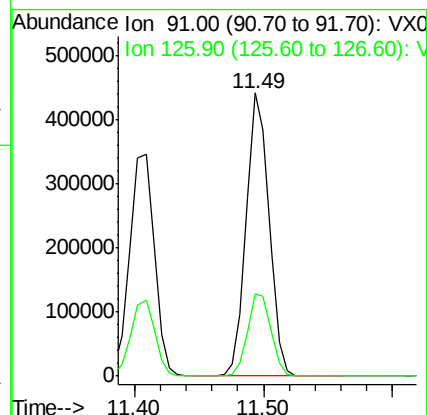
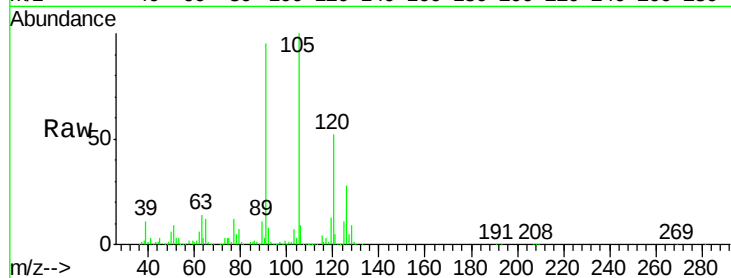
126 29.6 14.8 44.3

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#83

tert-Butylbenzene

Concen: 47.200 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

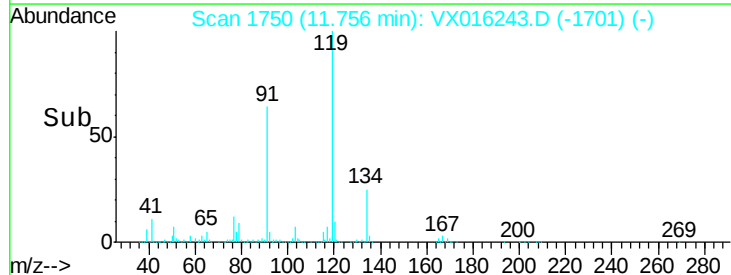
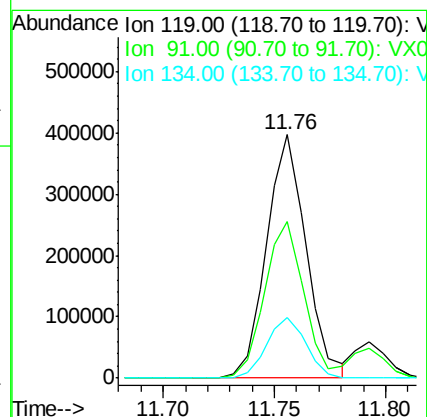
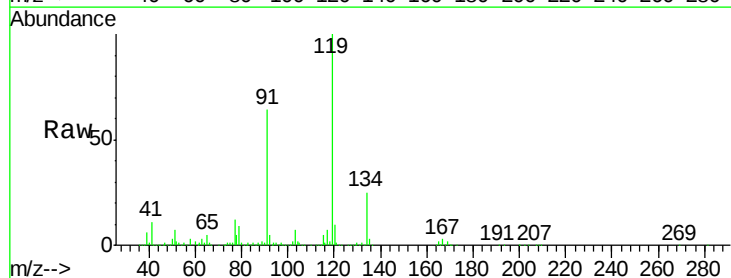
Tgt Ion: 119 Resp: 489134

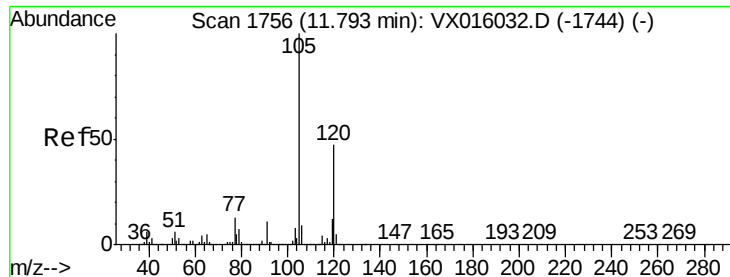
Ion Ratio Lower Upper

119 100

91 63.4 32.8 98.4

134 24.8 12.4 37.0





#84

1,2,4-Trimethylbenzene

Concen: 47.098 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

SS052MW601-200513MS

Tot Ion:105 Resp: 572581

Ion Ratio Lower Upper

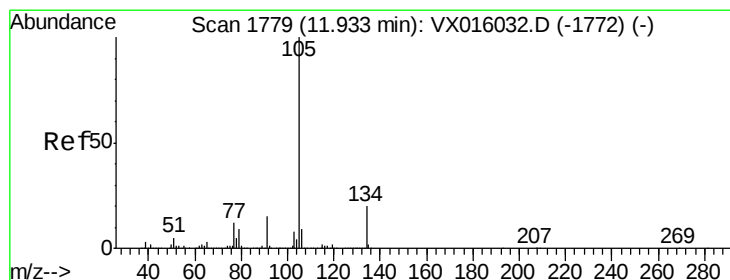
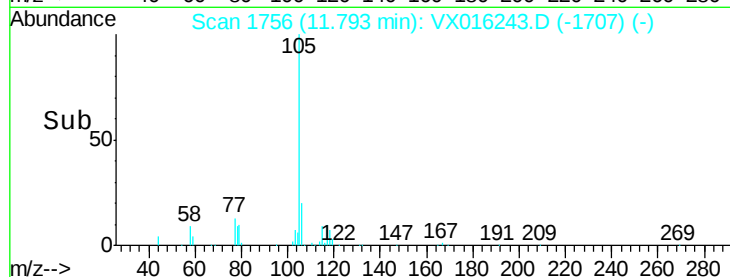
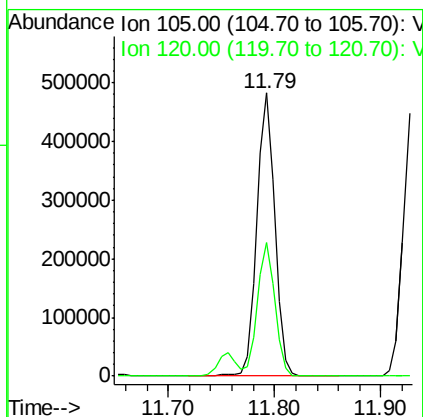
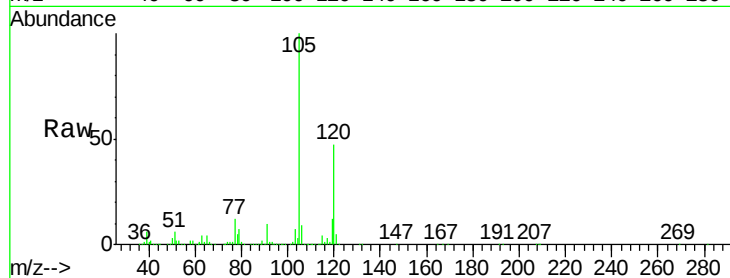
105 100

120 46.1 23.0 69.0

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#85

sec-Butylbenzene

Concen: 45.050 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016243.D

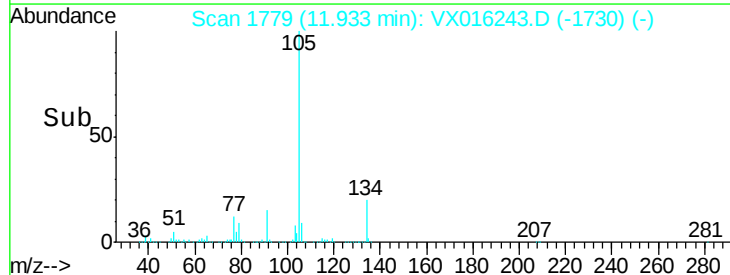
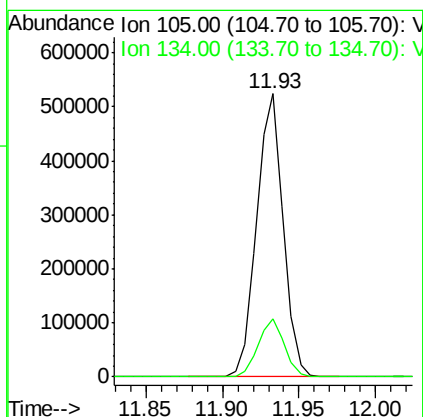
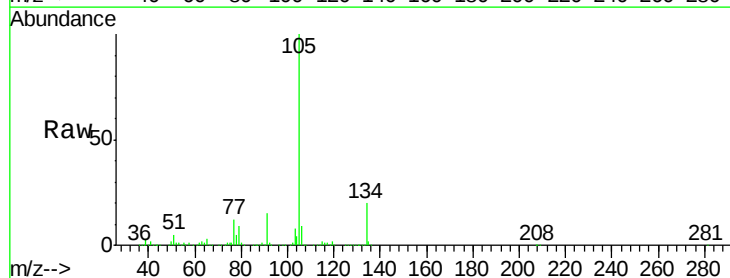
Acq: 14 May 2020 19:47

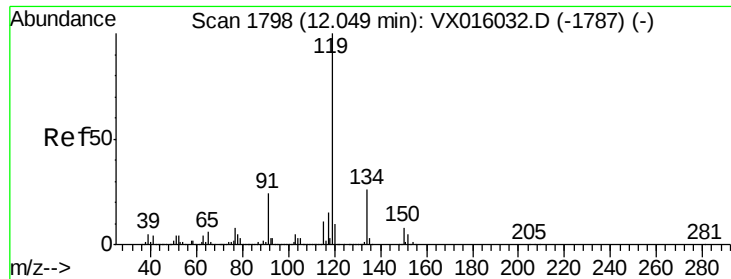
Tgt Ion:105 Resp: 630342

Ion Ratio Lower Upper

105 100

134 20.3 10.1 30.3





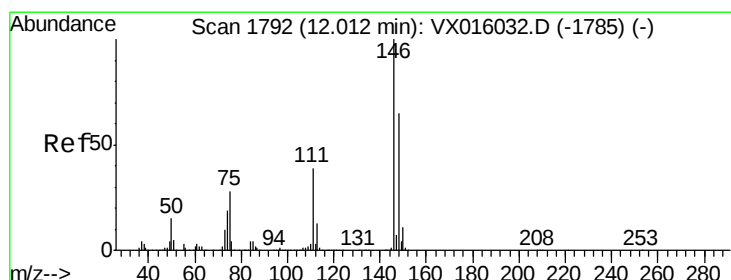
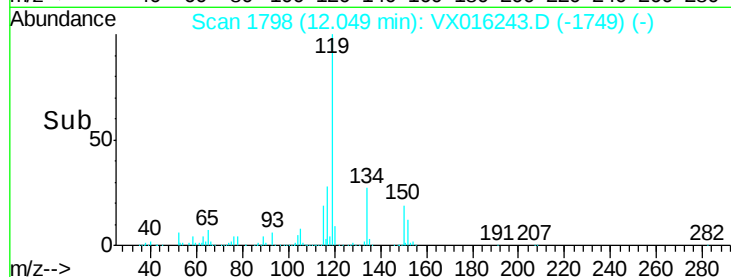
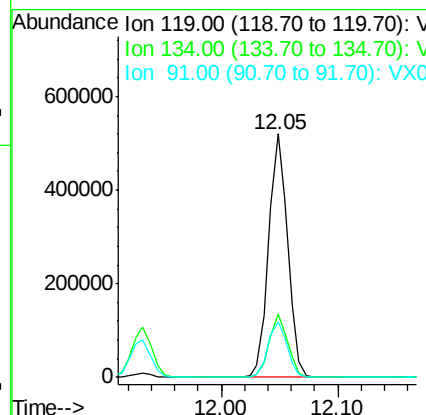
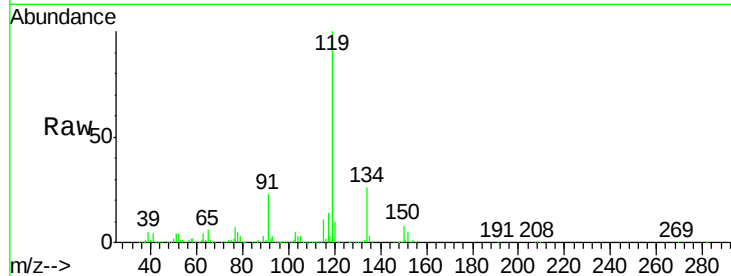
#86
 p-Isopropyltoluene
 Concen: 45.881 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016243.D
 Acq: 14 May 2020 19:47

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW601-200513MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	596042		
134	25.6		13.1	39.3
91	23.1		11.8	35.4

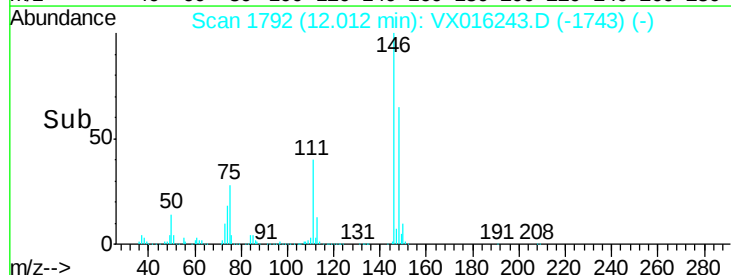
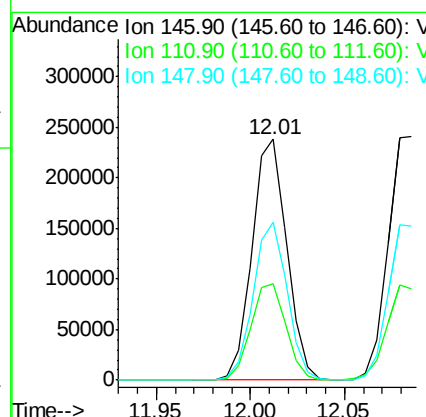
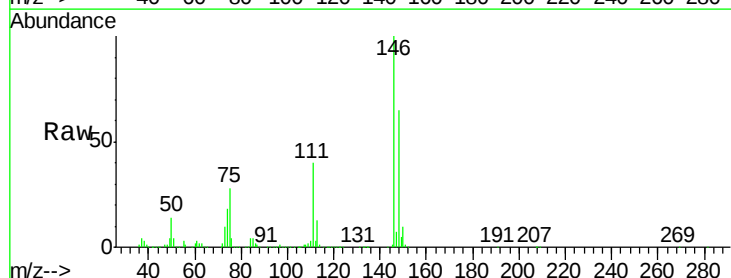
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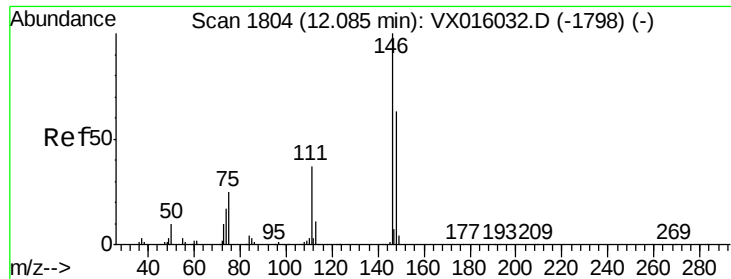
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#87
 1,3-Dichlorobenzene
 Concen: 46.070 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016243.D
 Acq: 14 May 2020 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	304091		
111	40.4		20.2	60.6
148	64.1		32.1	96.3





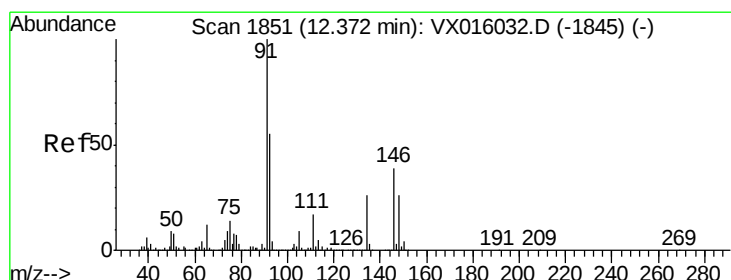
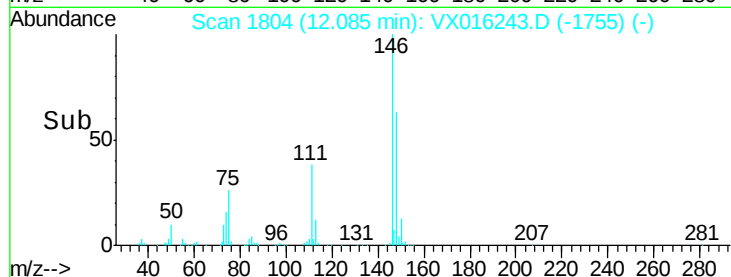
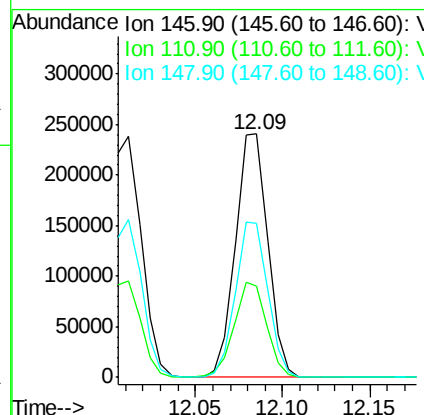
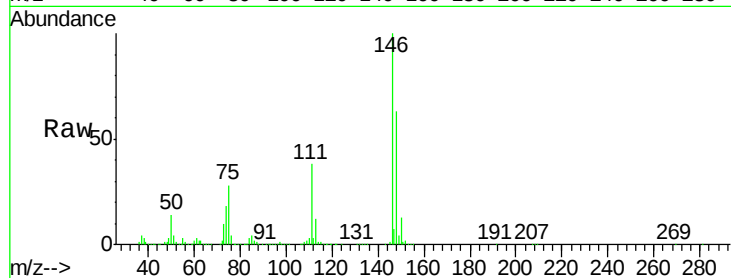
#88
 1,4-Dichlorobenzene
 Concen: 46.410 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VX016243.D
 Acq: 14 May 2020 19:47

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW601-200513MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.6	58.7
148	63.6	31.8	95.3

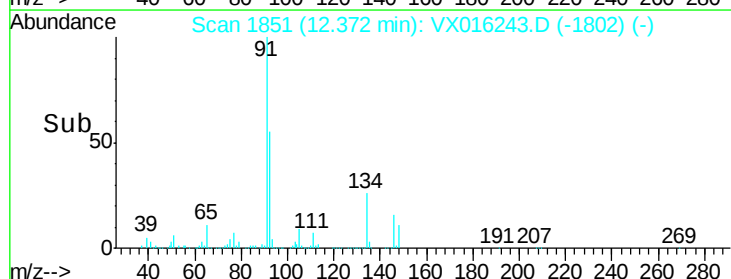
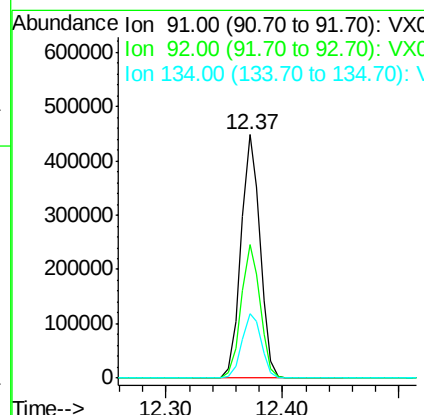
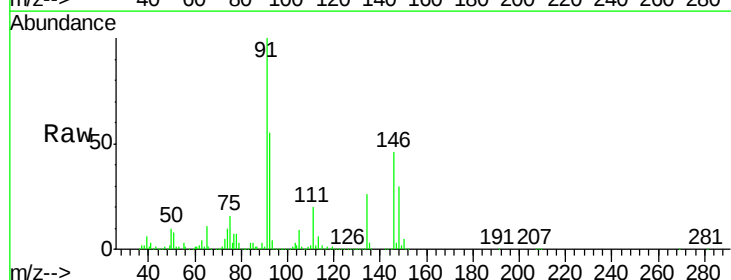
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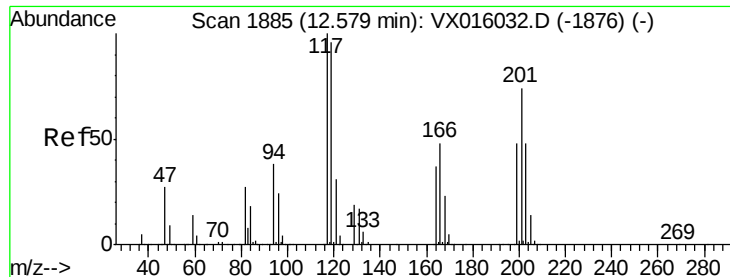
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#89
 n-Butylbenzene
 Concen: 43.247 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX016243.D
 Acq: 14 May 2020 19:47

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.8	27.6	82.7
134	26.9	13.4	40.1





#90

Hexachloroethane

Concen: 47.016 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

SS052MW601-200513MS

Tot Ion:117 Resp: 104896

Ion Ratio Lower Upper

117 100

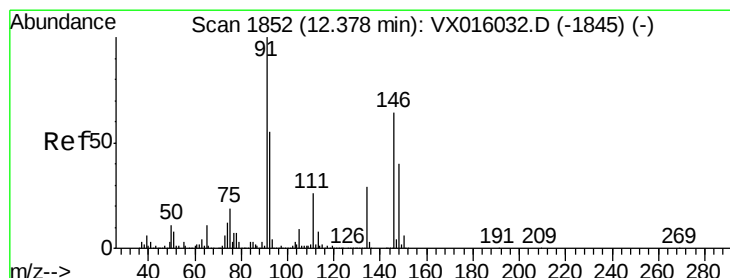
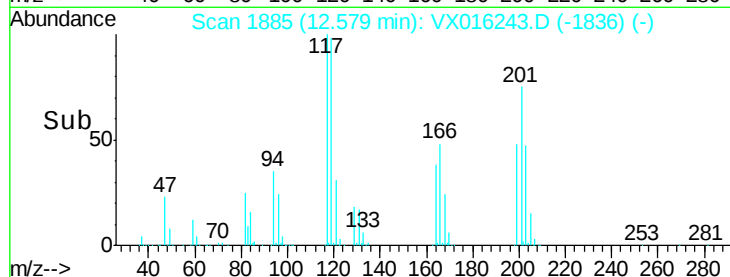
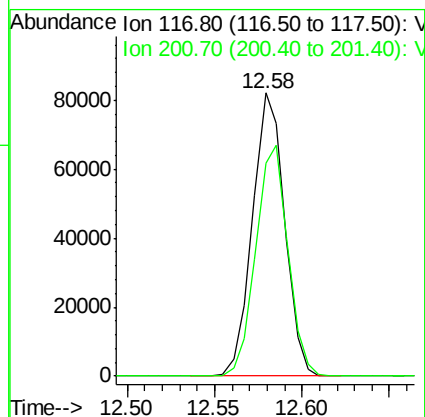
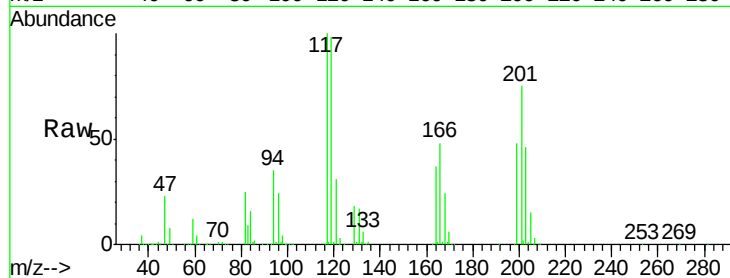
201 81.4 39.8 119.3

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#91

1,2-Dichlorobenzene

Concen: 47.031 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

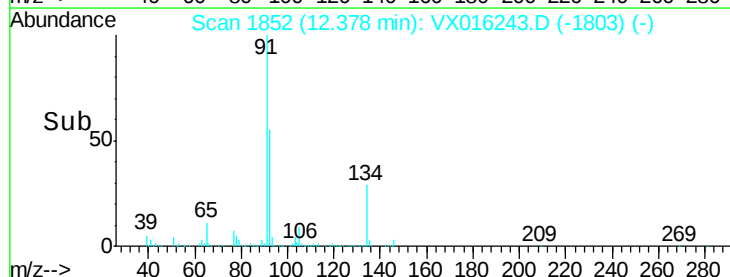
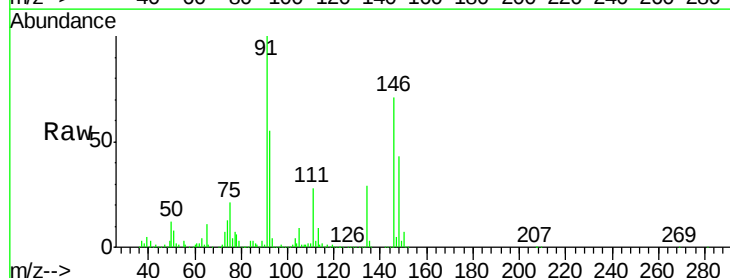
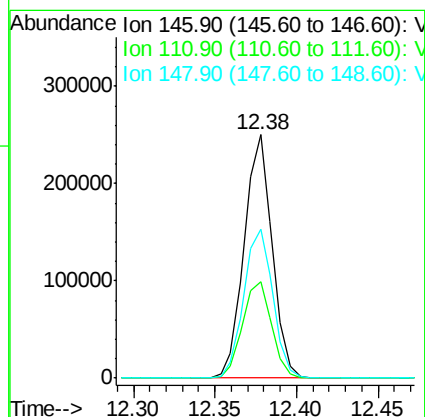
Tgt Ion:146 Resp: 298918

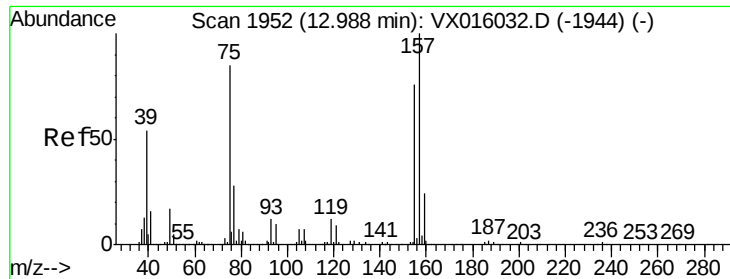
Ion Ratio Lower Upper

146 100

111 41.2 21.1 63.1

148 63.8 32.4 97.0





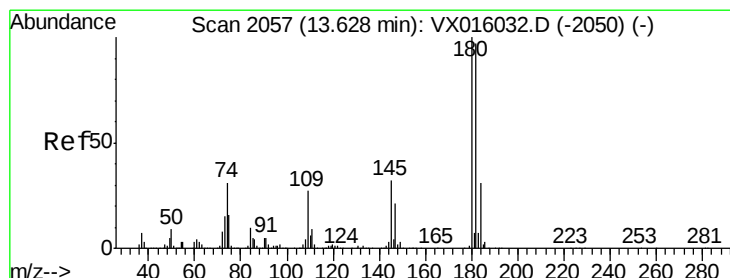
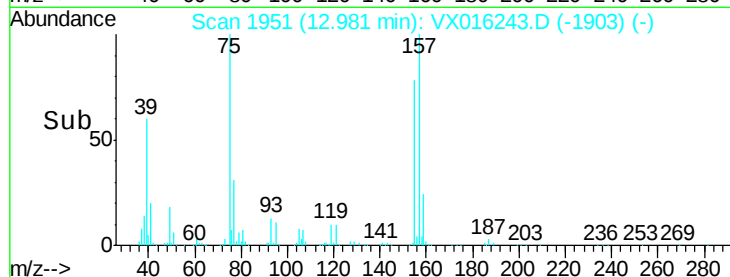
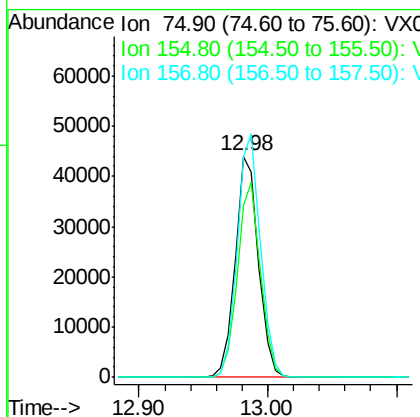
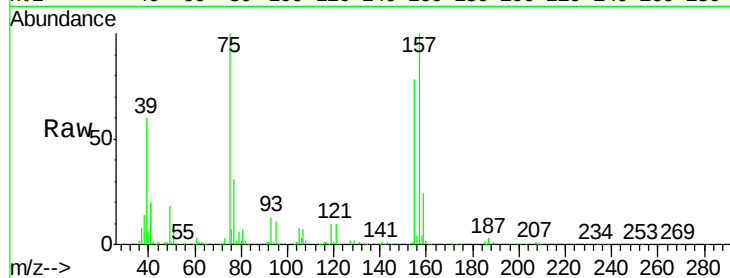
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.930 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: VX016243.D
 Acq: 14 May 2020 19:47

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW601-200513MS

Tot Ion	Ratio	Lower	Upper
75	100		
155	87.2	42.5	127.5
157	109.7	55.3	165.8

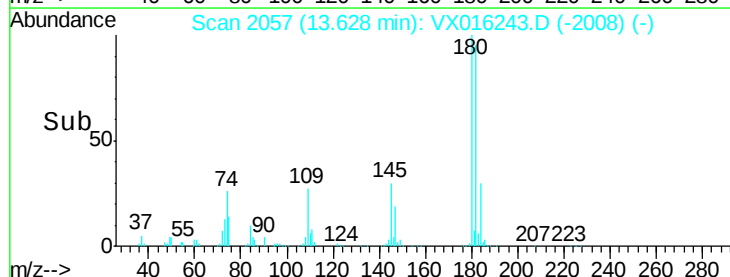
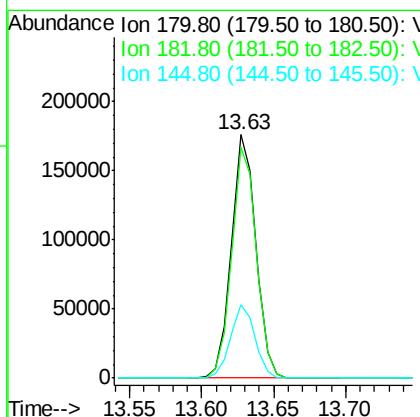
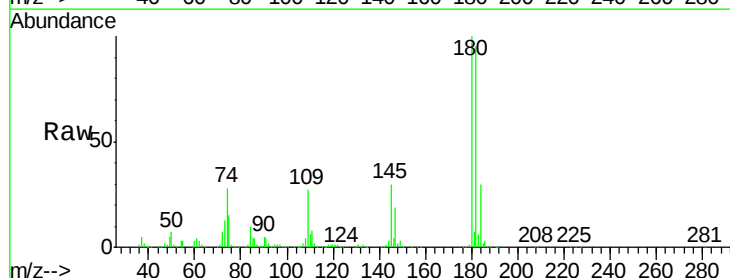
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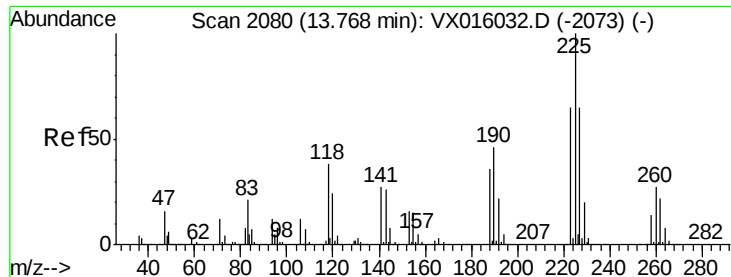
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#93
 1,2,4-Trichlorobenzene
 Concen: 44.791 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016243.D
 Acq: 14 May 2020 19:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	48.7	146.1
145	30.4	15.7	47.1





#94

Hexachlorobutadiene

Concen: 39.172 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

Instrument :

MSVOA_X

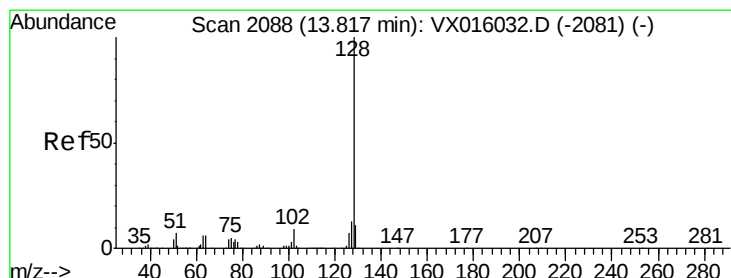
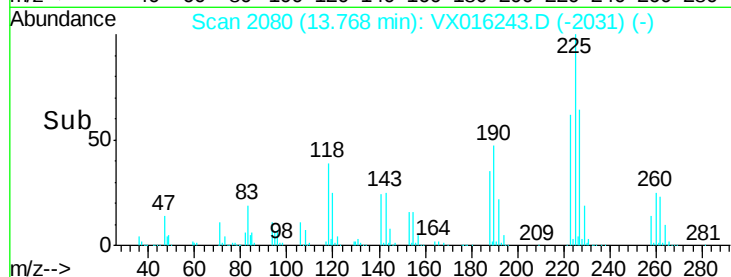
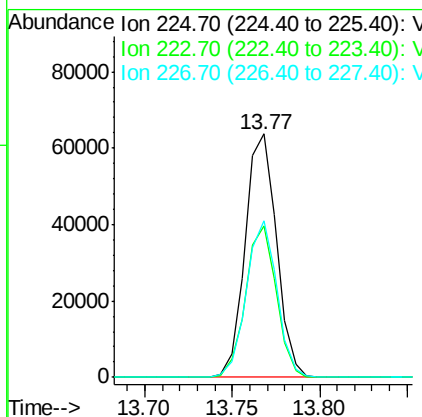
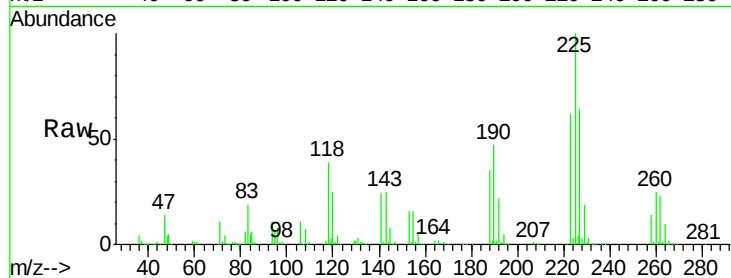
ClientSampleId :

SS052MW601-200513MS

Tot Ion:	225	Resp:	79138
Ion Ratio	Lower	Upper	
225	100		
223	60.9	32.3	96.9
227	62.7	31.8	95.4

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#95

Naphthalene

Concen: 46.991 ug/l

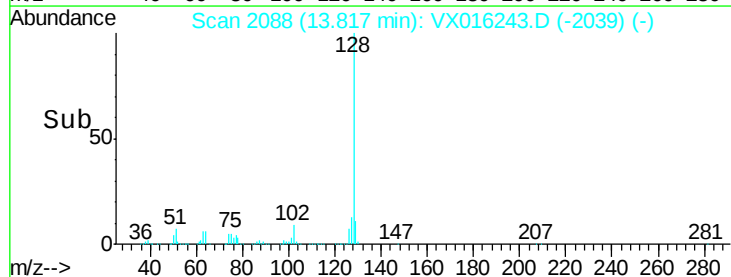
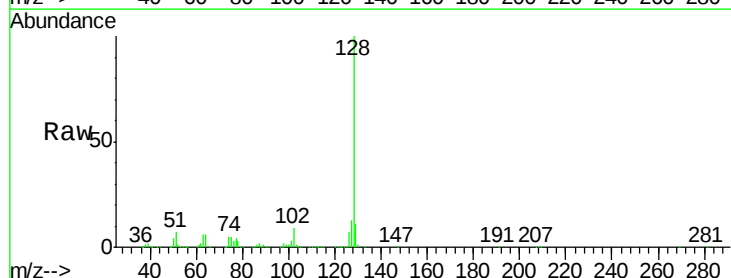
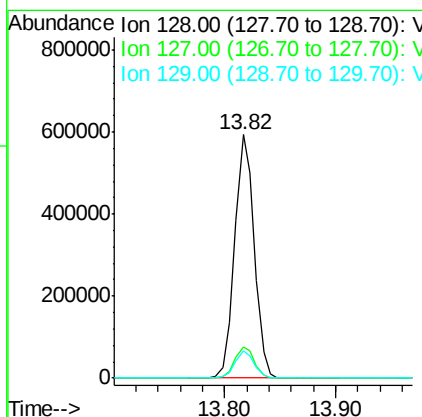
RT: 13.82 min Scan# 2088

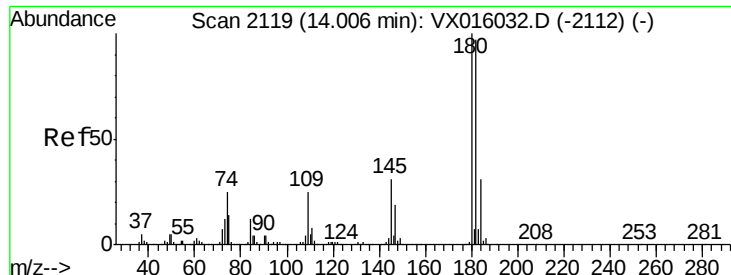
Delta R.T. -0.00 min

Lab File: VX016243.D

Acq: 14 May 2020 19:47

Tgt Ion:	128	Resp:	715974
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.2	15.4
129	11.0	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 44.999 ug/l
 RT: 14.01 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VX016243.D
 Acq: 14 May 2020 19:47

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW601-200513MS

Tot Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.3	48.4	145.0
145	33.2	16.4	49.1

Manual Integrations
 APPROVED

MMDadoda
 5/15/2020 12:29:17 PM

