

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101019\  
 Data File : VX013004.D  
 Acq On : 10 Oct 2019 18:26  
 Operator : JC/SP  
 Sample : K5261-02MS  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 24 Sample Multiplier: 1

**Instrument :**  
 MSVOA\_X  
**Client Sampled :**  
 S49-0555MS

**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 10/14/2019 1:05:23 PM

Quant Time: Oct 11 08:05:10 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X100819W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 09 01:51:23 2019  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	158310	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	268865	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	244172	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	116050	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	105030	53.08	ug/l	0.00
Spiked Amount				50.000		
Recovery						= 106.16%
35) Dibromofluoromethane	5.49	113	82532	53.48	ug/l	0.00
Spiked Amount				50.000		
Recovery						= 106.96%
50) Toluene-d8	8.71	98	314290	52.22	ug/l	0.00
Spiked Amount				50.000		
Recovery						= 104.44%
62) 4-Bromofluorobenzene	11.14	95	121525	51.97	ug/l	0.00
Spiked Amount				50.000		
Recovery						= 103.94%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	80667	49.989	ug/l	98
3) Chloromethane	1.32	50	90071	51.288	ug/l	98
4) Vinyl Chloride	1.40	62	105583	58.248	ug/l	99
5) Bromomethane	1.63	94	33423	44.357	ug/l	98
6) Chloroethane	1.71	64	55862	50.449	ug/l	97
7) Trichlorofluoromethane	1.92	101	129272	52.838	ug/l	98
8) Diethyl Ether	2.18	74	52249	52.909	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	79149	49.987	ug/l	99
10) Methyl Iodide	2.50	142	94434	52.375	ug/l	100
11) Tert butyl alcohol	3.03	59	114526	218.341	ug/l	100
12) 1,1-Dichloroethene	2.36	96	82567	51.611	ug/l	98
13) Acrolein	2.28	56	91621	245.791	ug/l	99
14) Allyl chloride	2.72	41	143444	50.349	ug/l	99
15) Acrylonitrile	3.13	53	267769	269.380	ug/l	99
16) Acetone	2.44	43	221321	212.205	ug/l	100
17) Carbon Disulfide	2.56	76	212345	46.550	ug/l	99
18) Methyl Acetate	2.76	43	118805	48.059	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	297388	53.829	ug/l	96
20) Methylene Chloride	2.84	84	94210	49.151	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	135786	79.189	ug/l	99
22) Diisopropyl ether	3.84	45	290808	53.269	ug/l	93
23) Vinyl Acetate	3.80	43	1190280	252.562	ug/l	100
24) 1,1-Dichloroethane	3.69	63	168562	54.884	ug/l	99
25) 2-Butanone	4.66	43	360562	249.186	ug/l	97
26) 2,2-Dichloropropane	4.57	77	115911	44.881	ug/l	91
27) cis-1,2-Dichloroethene	4.58	96	214344	108.446	ug/l	94
28) Bromochloromethane	5.01	49	52719	57.505	ug/l	100
29) Tetrahydrofuran	5.12	42	235910	264.945	ug/l	99
30) Chloroform	5.20	83	163786	51.973	ug/l	99
31) Cyclohexane	5.57	56	143288	49.894	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	143066	53.579	ug/l	99
36) 1,1-Dichloropropene	5.79	75	119402	50.511	ug/l	99
37) Ethyl Acetate	4.82	43	131526	49.759	ug/l	100
38) Carbon Tetrachloride	5.78	117	119227	51.818	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)
39) Methylcyclohexane	7.46	83	141910	49.502	ug/l	97
40) Benzene	6.14	78	371824	53.257	ug/l	99
41) Methacrylonitrile	5.03	41	78347	53.941	ug/l	99
42) 1,2-Dichloroethane	6.18	62	134458	53.670	ug/l	98
43) Isopropyl Acetate	6.43	43	216903	51.126	ug/l	100
44) Trichloroethene	7.21	130	130832	67.577	ug/l	93
45) 1,2-Dichloropropane	7.51	63	95640	53.748	ug/l	100
46) Dibromomethane	7.65	93	64273	54.214	ug/l	99
47) Bromodichloromethane	7.89	83	125180	54.106	ug/l	99
48) Methyl methacrylate	7.76	41	108983	52.714	ug/l	99
49) 1,4-Dioxane	7.73	88	47044	853.270	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	707170	267.349	ug/l	100
52) Toluene	8.78	92	231734	51.881	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	132033	45.914	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	147934	51.988	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	96803	54.764	ug/l	99
56) Ethyl methacrylate	9.17	69	155894	49.279	ug/l	99
57) 1,3-Dichloropropane	9.37	76	162042	52.995	ug/l	100
59) 2-Hexanone	9.49	43	526429	255.665	ug/l	99
60) Dibromochloromethane	9.58	129	95527	48.616	ug/l	98
61) 1,2-Dibromoethane	9.67	107	100879	54.252	ug/l	98
64) Tetrachloroethene	9.33	164	88081	52.009	ug/l	98
65) Chlorobenzene	10.14	112	247356	51.013	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	90717	53.959	ug/l	100
67) Ethyl Benzene	10.24	91	446803	51.875	ug/l	99
68) m/p-Xylenes	10.35	106	332182	103.237	ug/l	98
69) o-Xylene	10.70	106	161699	51.533	ug/l	99
70) Styrene	10.71	104	280797	52.640	ug/l	99
71) Bromoform	10.85	173	65549	46.033	ug/l #	100
73) Isopropylbenzene	11.01	105	436591	51.170	ug/l	99
74) N-amyl acetate	10.89	43	173454	47.203	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	140374	49.465	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	137001m	53.225	ug/l	
77) Bromobenzene	11.25	156	101444	50.455	ug/l	97
78) n-propylbenzene	11.35	91	476169	50.718	ug/l	100
79) 2-Chlorotoluene	11.42	91	294984	49.994	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	363948	51.085	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	42173	42.775	ug/l	95
82) 4-Chlorotoluene	11.51	91	340853	50.399	ug/l	100
83) tert-Butylbenzene	11.76	119	348887	50.201	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	370044	51.285	ug/l	98
85) sec-Butylbenzene	11.94	105	416999	51.791	ug/l	98
86) p-Isopropyltoluene	12.06	119	372858	49.931	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	183586	49.170	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	179186	47.387	ug/l	99
89) n-Butylbenzene	12.38	91	311981	49.710	ug/l	100
90) Hexachloroethane	12.59	117	63855	46.331	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	179926	49.155	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	34332	51.616	ug/l	96
93) 1,2,4-Trichlorobenzene	13.64	180	109500	47.755	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	13.78	225	49043	46.346	ug/l	99
95) Naphthalene	13.83	128	393263	49.476	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	115649	48.807	ug/l	100

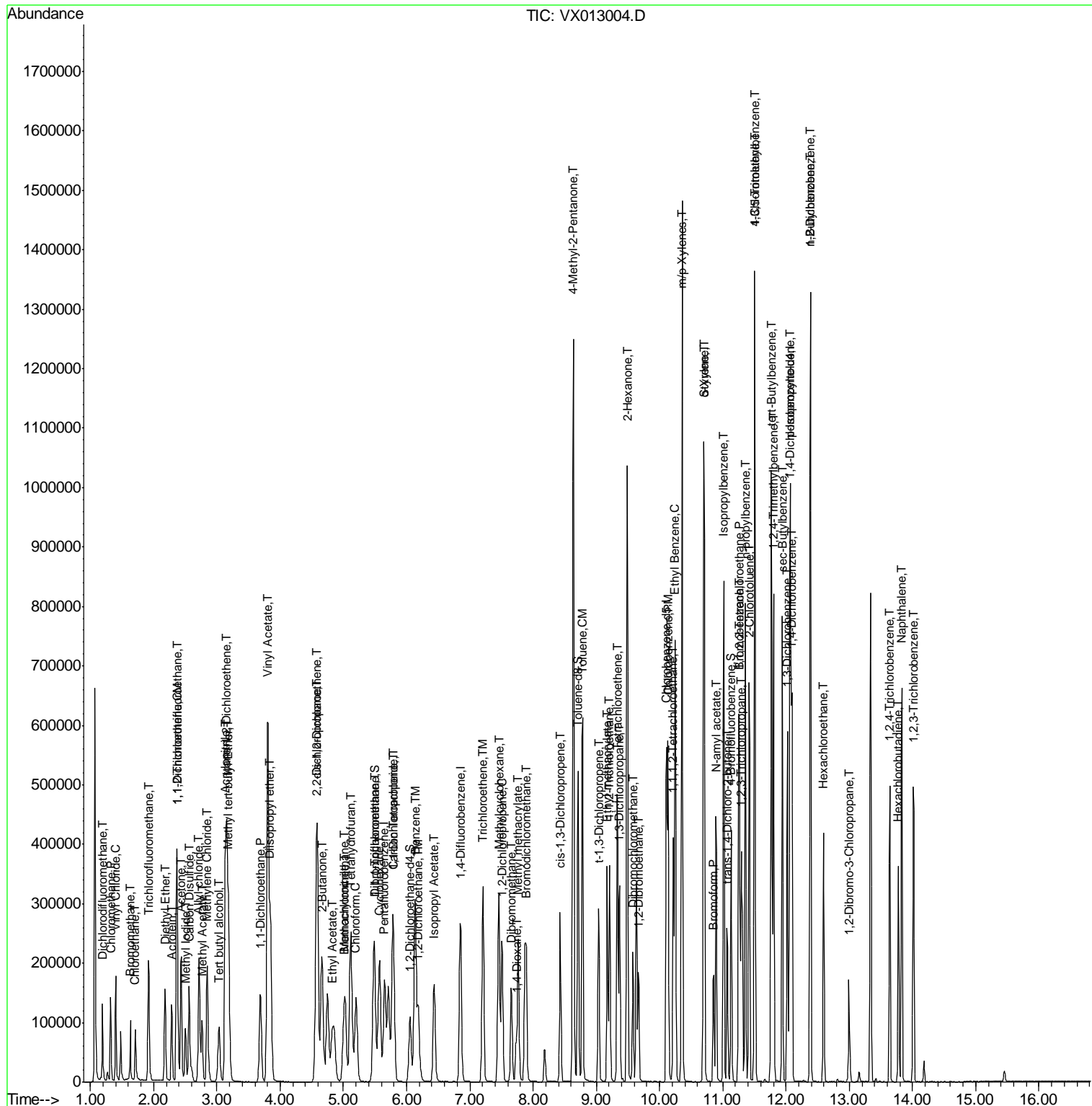
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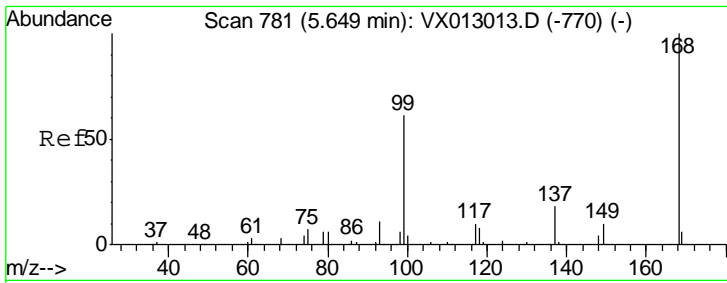
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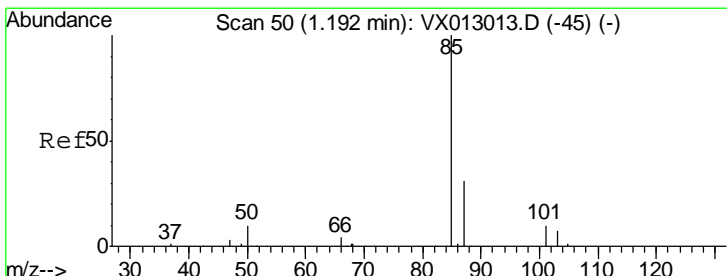
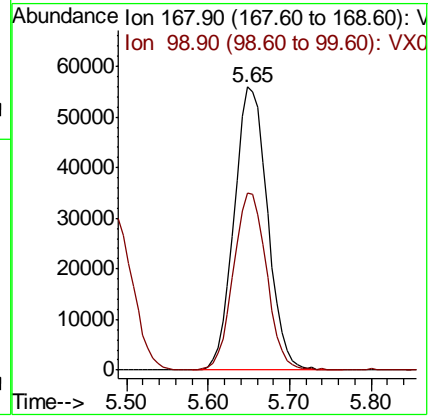
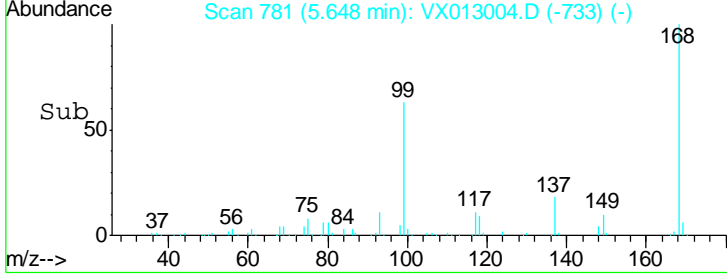
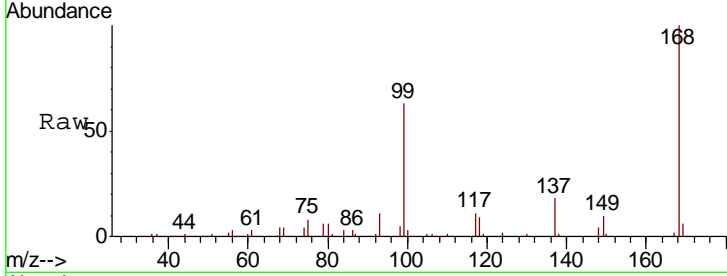
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 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 5.65 min Scan# 781  
 Delta R.T. -0.01 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

Instrument : MSVOA\_X  
 ClientSampleId : S49-0555MS

Tgt Ion: 168 Resp: 158310

Ion	Ratio	Lower	Upper
168	100		
99	62.4	49.4	74.0

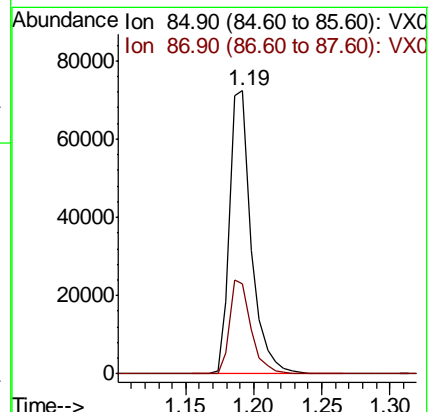
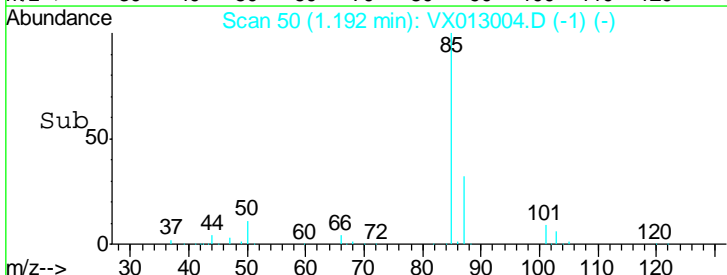
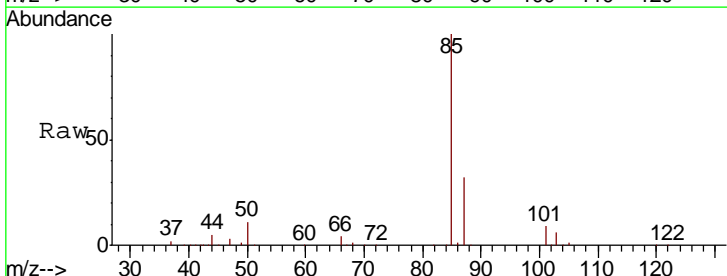
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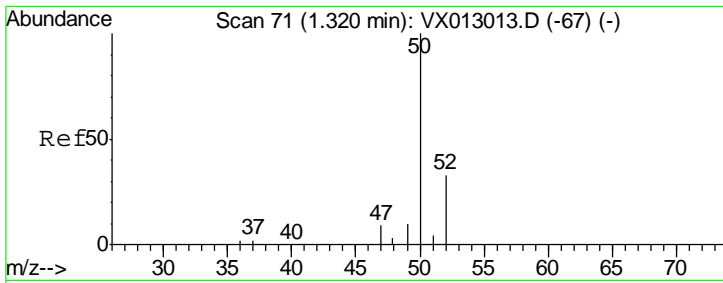


#2  
 Dichlorodifluoromethane  
 Concen: 49.989 ug/l  
 RT: 1.19 min Scan# 50  
 Delta R.T. -0.00 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

Tgt Ion: 85 Resp: 80667

Ion	Ratio	Lower	Upper
85	100		
87	31.7	16.4	49.4



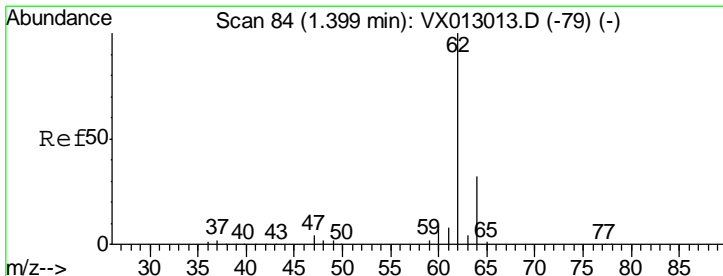
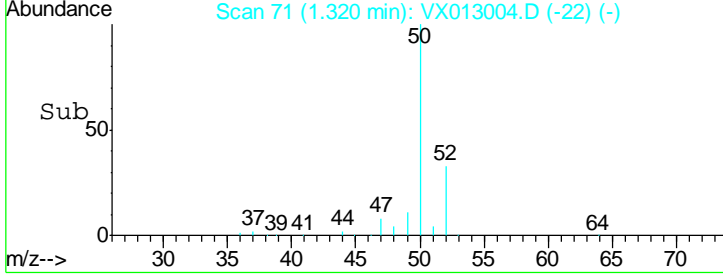
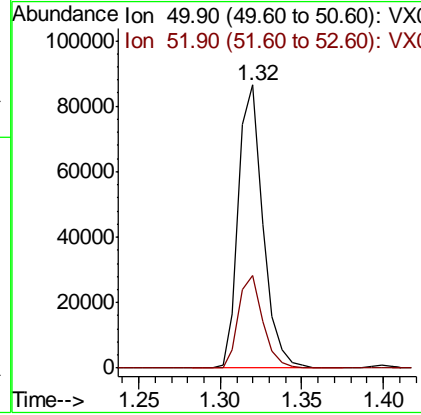
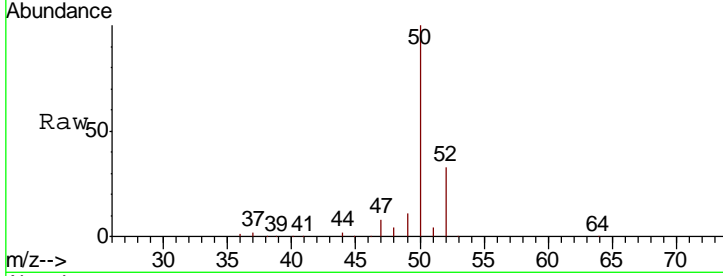


#3  
 Chloromethane  
 Concen: 51.288 ug/l  
 RT: 1.32 min Scan# 71  
 Delta R.T. -0.00 min  
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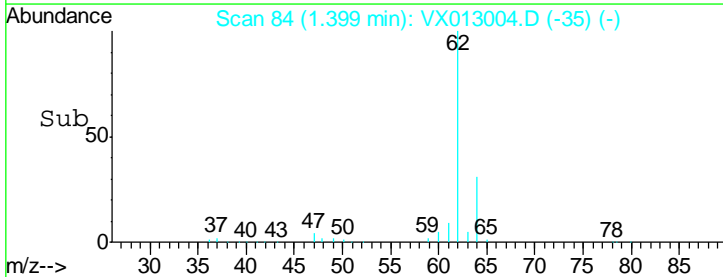
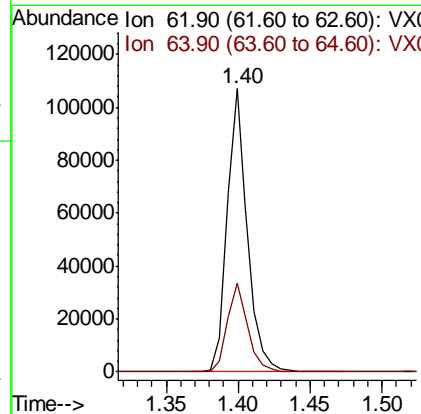
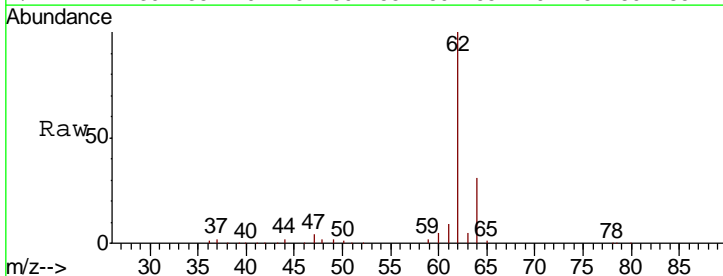
Tgt Ion: 50 Resp: 90071  
 Ion Ratio Lower Upper  
 50 100  
 52 32.6 25.2 37.8

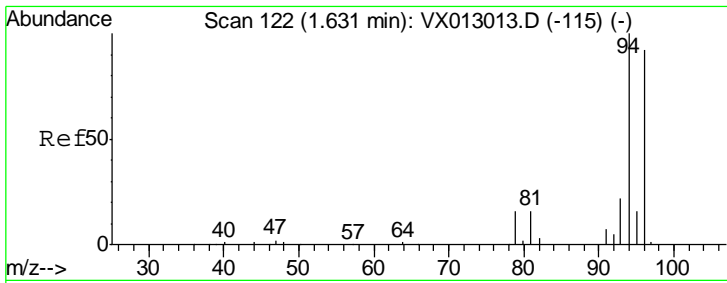
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#4  
 Vinyl Chloride  
 Concen: 58.248 ug/l  
 RT: 1.40 min Scan# 84  
 Delta R.T. -0.00 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

Tgt Ion: 62 Resp: 105583  
 Ion Ratio Lower Upper  
 62 100  
 64 31.2 25.3 37.9





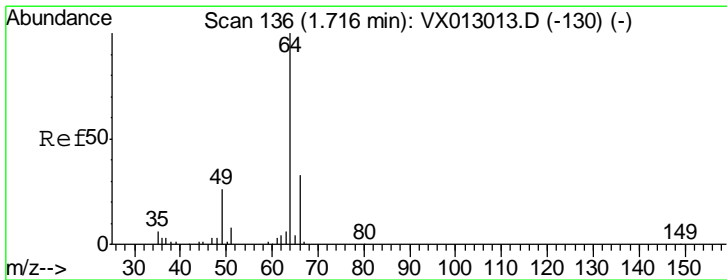
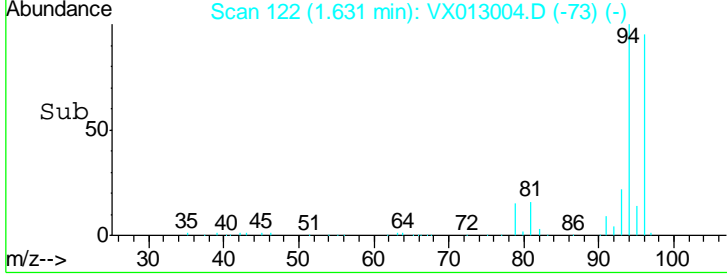
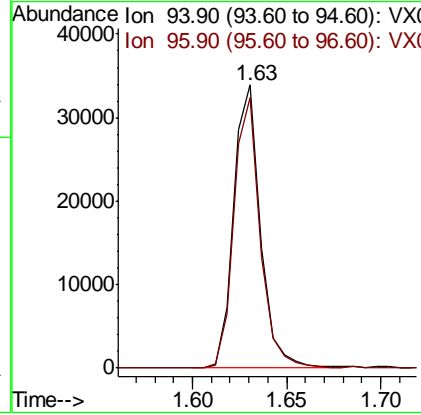
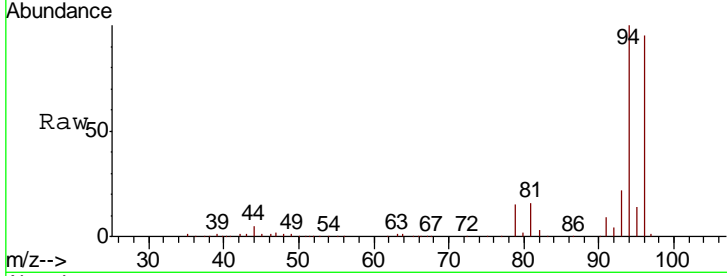
#5  
 Bromomethane  
 Concen: 44.357 ug/l  
 RT: 1.63 min Scan# 122  
 Delta R.T. -0.00 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

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Tgt Ion: 94 Resp: 33423

Ion	Ratio	Lower	Upper
94	100		
96	95.4	74.7	112.1

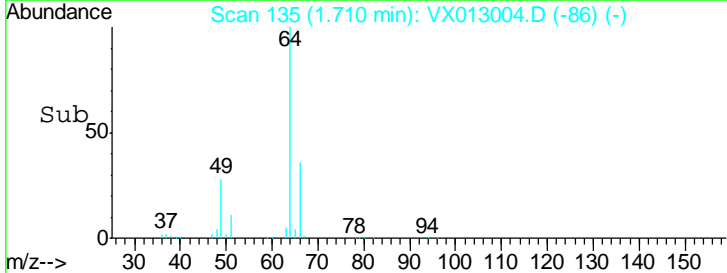
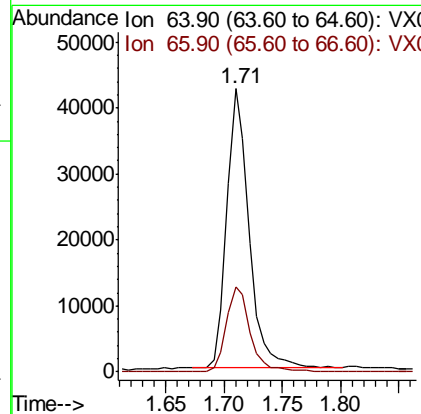
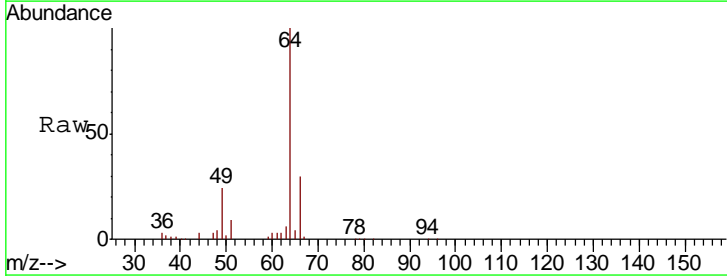
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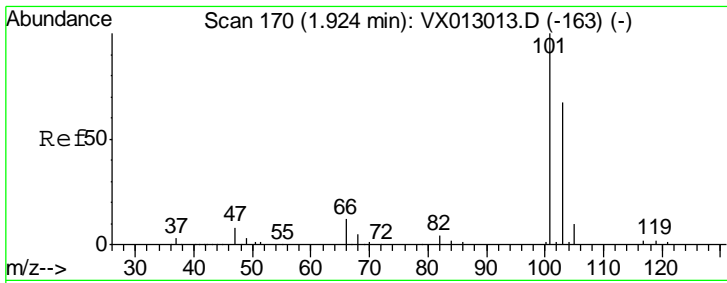


#6  
 Chloroethane  
 Concen: 50.449 ug/l  
 RT: 1.71 min Scan# 135  
 Delta R.T. -0.00 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

Tgt Ion: 64 Resp: 55862

Ion	Ratio	Lower	Upper
64	100		
66	30.6	25.6	38.4



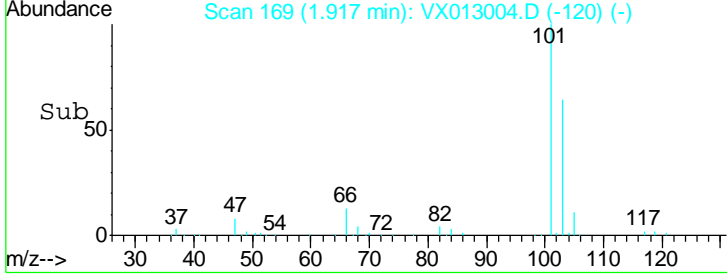
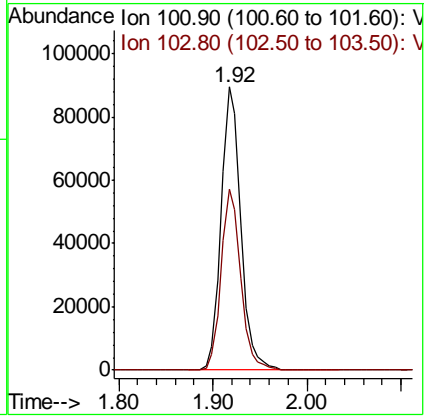
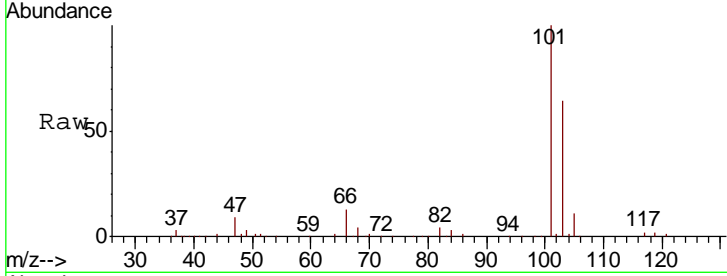


#7  
 Trichlorofluoromethane  
 Concen: 52.838 ug/l  
 RT: 1.92 min Scan# 169  
 Delta R.T. -0.00 min  
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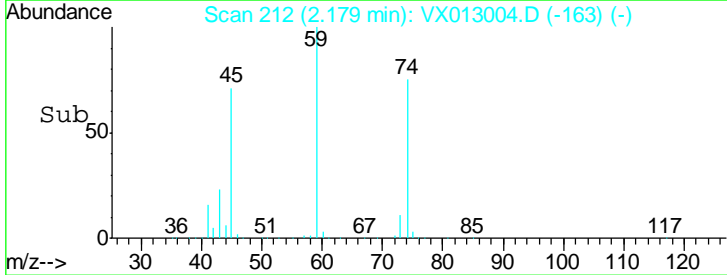
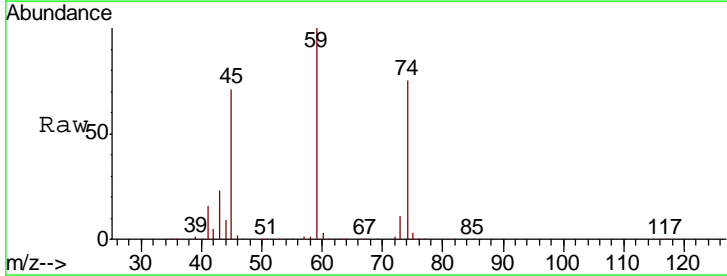
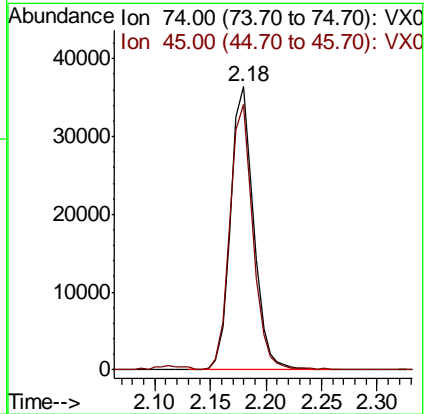
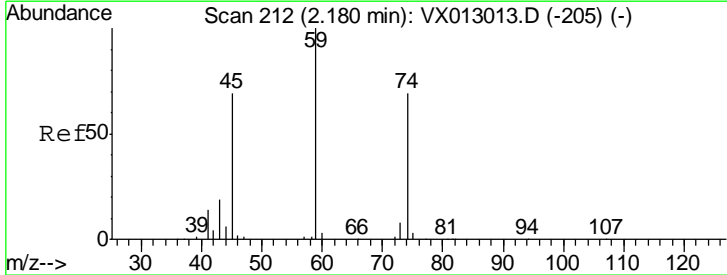
Tgt Ion: 101 Resp: 129272  
 Ion Ratio Lower Upper  
 101 100  
 103 64.0 52.5 78.7

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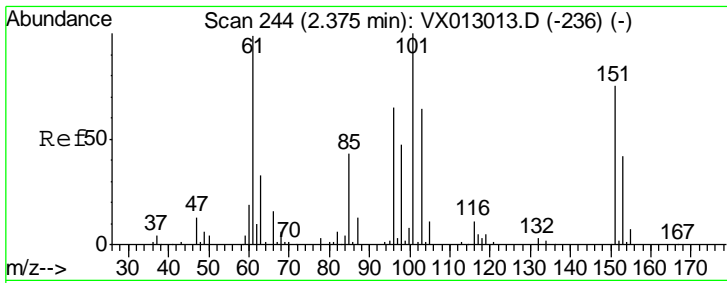


#8  
 Diethyl Ether  
 Concen: 52.909 ug/l  
 RT: 2.18 min Scan# 212  
 Delta R.T. -0.00 min  
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Tgt Ion: 74 Resp: 52249  
 Ion Ratio Lower Upper  
 74 100  
 45 93.7 47.8 143.4

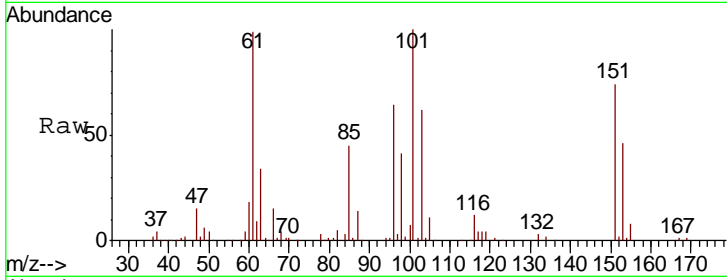






#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 49.987 ug/l  
 RT: 2.37 min Scan# 244  
 Delta R.T. -0.00 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

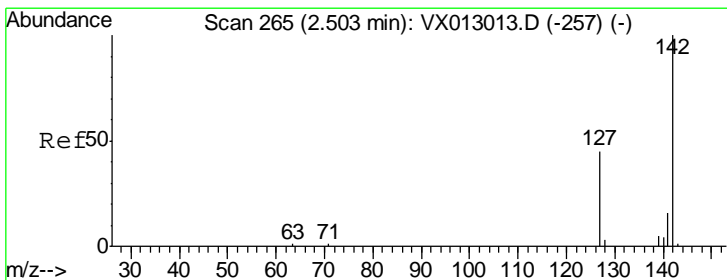
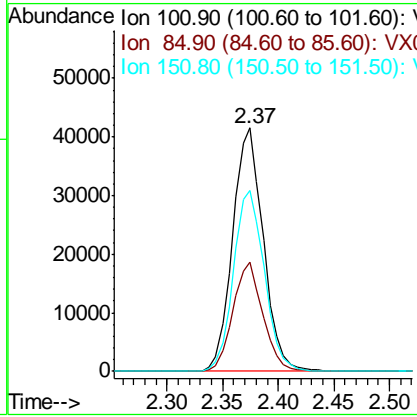
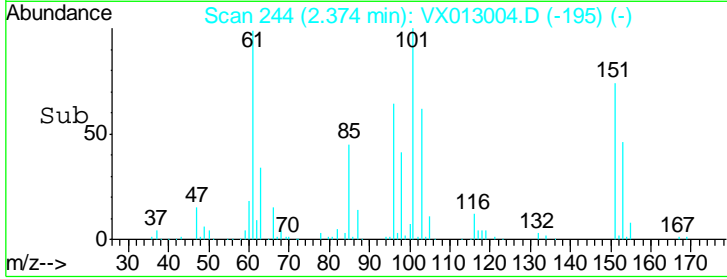
**Instrument :**  
 MSVOA\_X  
**ClientSampled :**  
 S49-0555MS



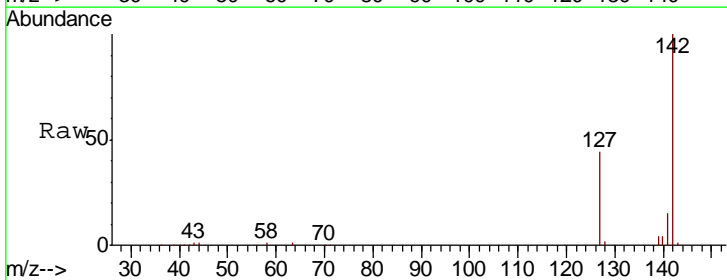
Tgt Ion: 101 Resp: 79149

Ion	Ratio	Lower	Upper
101	100		
85	43.6	35.2	52.8
151	74.8	60.3	90.5

**Manual Integrations**  
**APPROVED**  
 MMDadoda  
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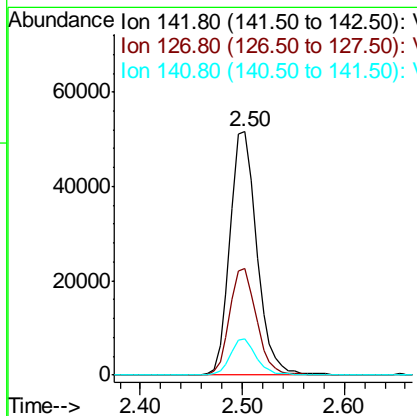
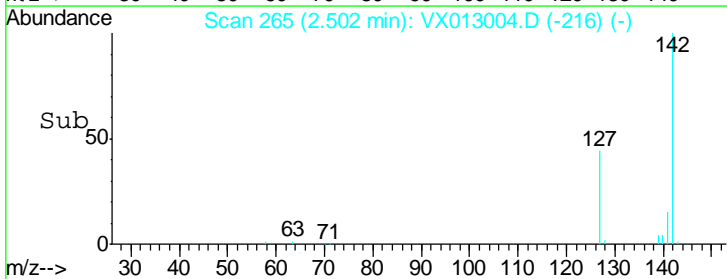


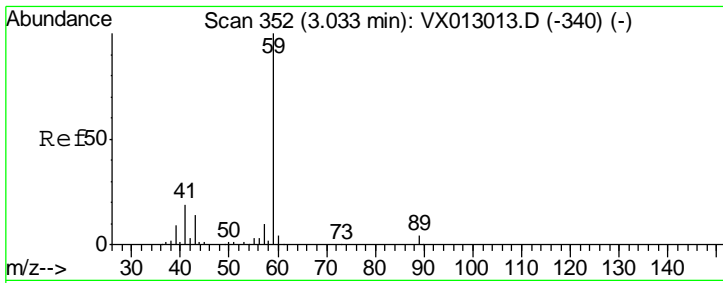
#10  
 Methyl Iodide  
 Concen: 52.375 ug/l  
 RT: 2.50 min Scan# 265  
 Delta R.T. 0.00 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26



Tgt Ion: 142 Resp: 94434

Ion	Ratio	Lower	Upper
142	100		
127	43.5	34.9	52.3
141	14.3	11.6	17.4





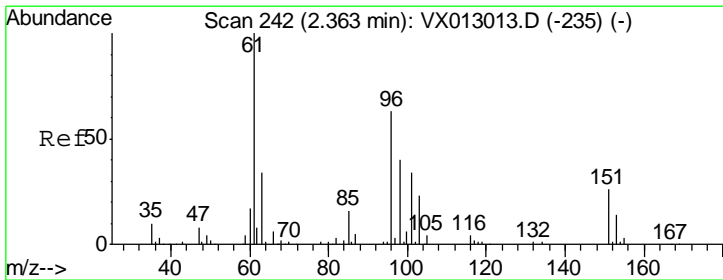
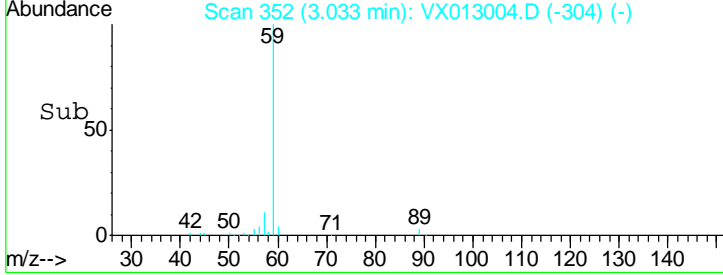
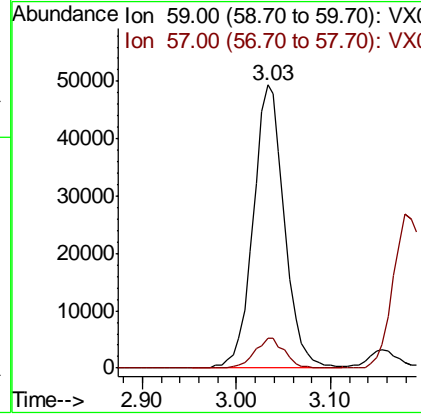
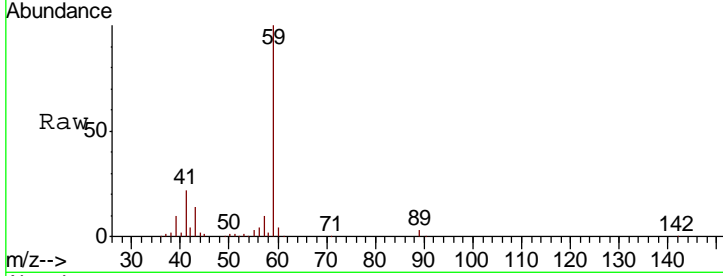
#11  
 Tert butyl alcohol  
 Concen: 218.341 ug/l  
 RT: 3.03 min Scan# 352  
 Delta R.T. -0.01 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

**Instrument :**  
 MSVOA\_X  
**ClientSampled :**  
 S49-0555MS

Tgt Ion	Resp	Lower	Upper
59	114526		
57	10.3	8.3	12.5

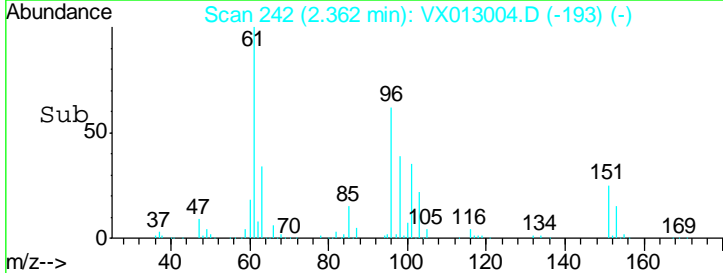
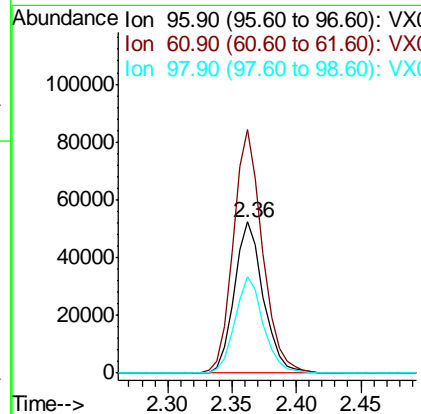
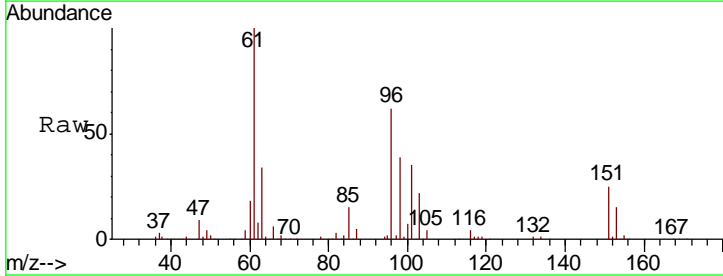
**Manual Integrations**  
**APPROVED**

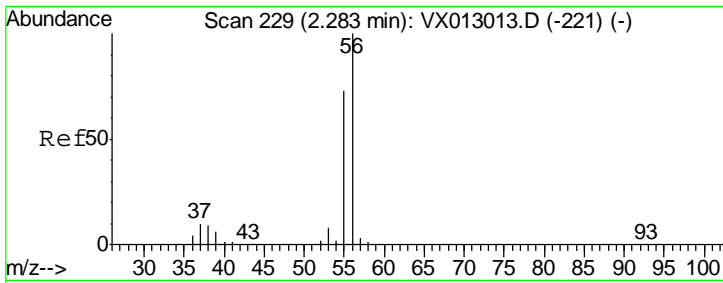
MMDadoda  
 10/14/2019 1:05:23 PM



#12  
 1,1-Dichloroethene  
 Concen: 51.611 ug/l  
 RT: 2.36 min Scan# 242  
 Delta R.T. -0.00 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

Tgt Ion	Resp	Lower	Upper
96	82567		
61	161.1	132.2	198.4
98	63.5	50.5	75.7





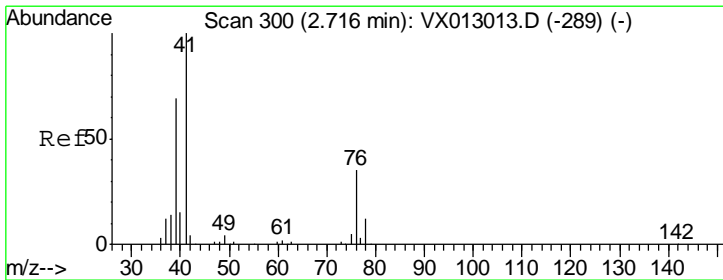
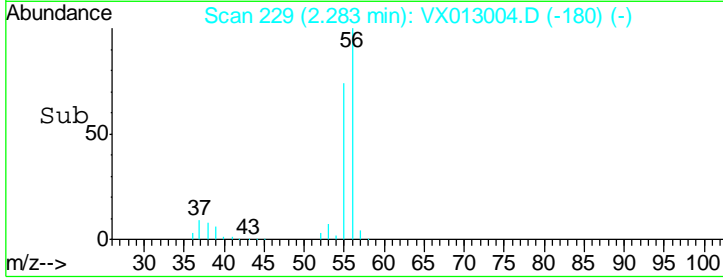
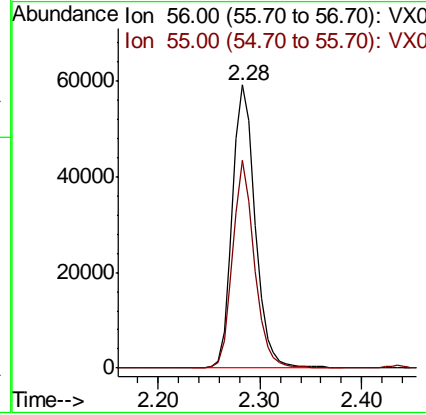
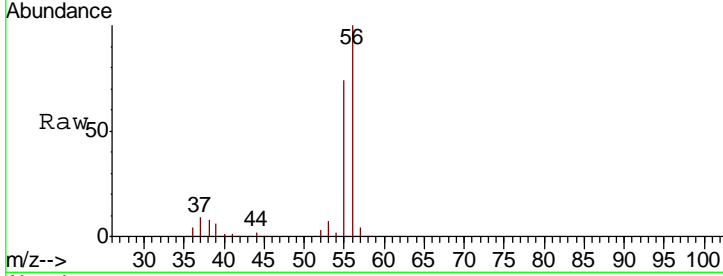
#13  
 Acrolein  
 Concen: 245.791 ug/l  
 RT: 2.28 min Scan# 229  
 Delta R.T. -0.00 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

Instrument : MSVOA\_X  
 ClientSampled : S49-0555MS

Tgt Ion	Resp	Lower	Upper
56	91621		
55	70.1	56.6	85.0

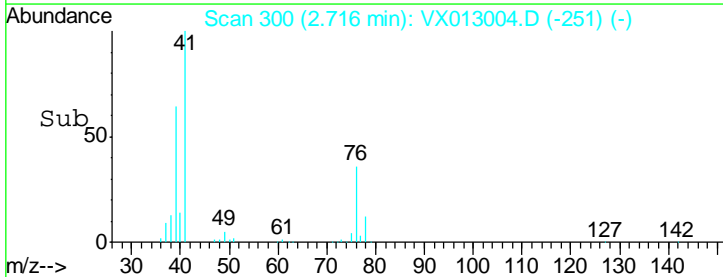
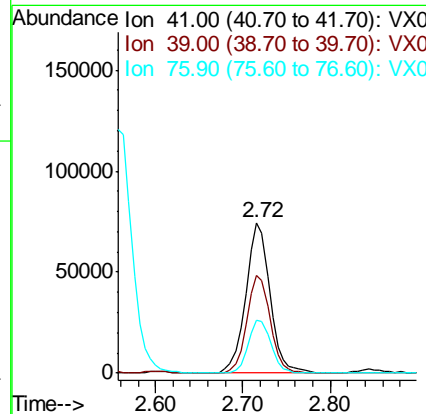
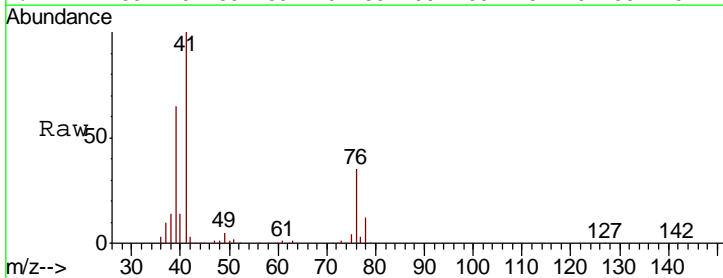
Manual Integrations  
 APPROVED

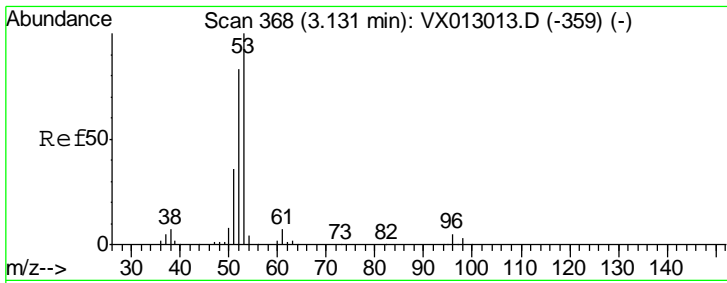
MMDadoda  
 10/14/2019 1:05:23 PM



#14  
 Allyl chloride  
 Concen: 50.349 ug/l  
 RT: 2.72 min Scan# 300  
 Delta R.T. -0.00 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

Tgt Ion	Resp	Lower	Upper
41	143444		
39	62.8	51.0	76.6
76	33.2	26.2	39.4





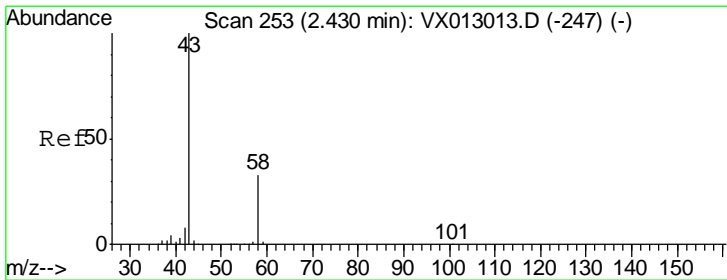
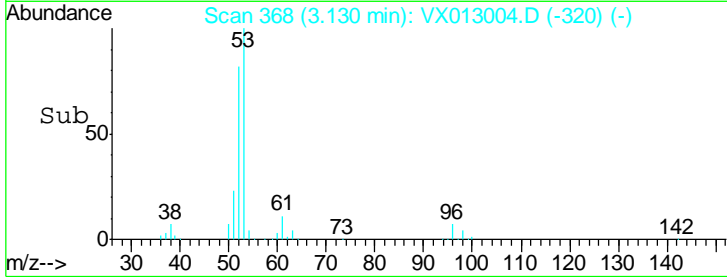
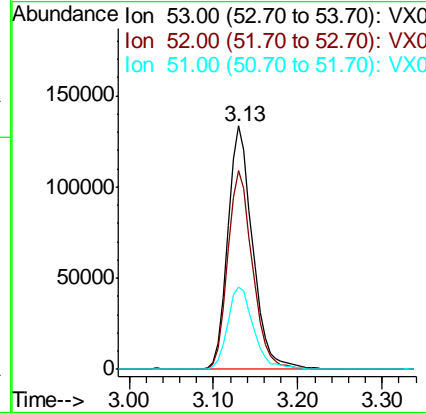
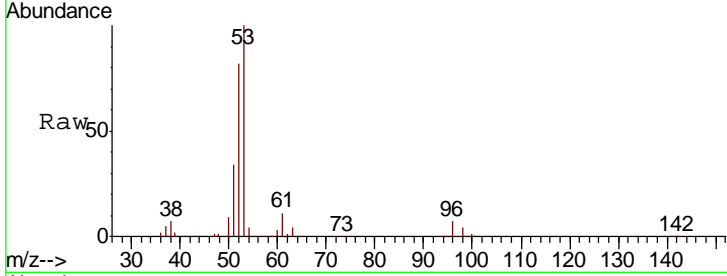
#15  
 Acrylonitrile  
 Concen: 269.380 ug/l  
 RT: 3.13 min Scan# 368  
 Delta R.T. -0.01 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

**Instrument :**  
 MSVOA\_X  
**ClientSampled :**  
 S49-0555MS

Tgt Ion	Resp	Lower	Upper
53	100		
52	81.8	66.2	99.2
51	35.5	28.2	42.4

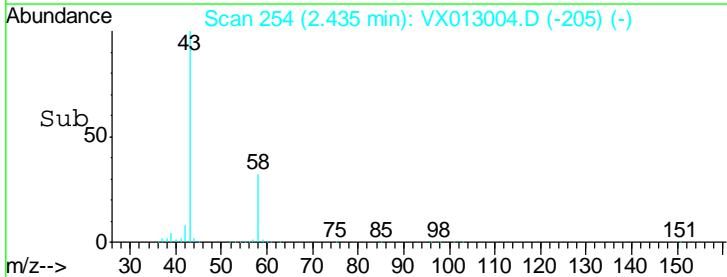
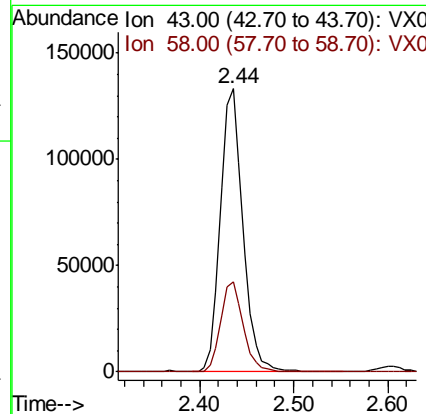
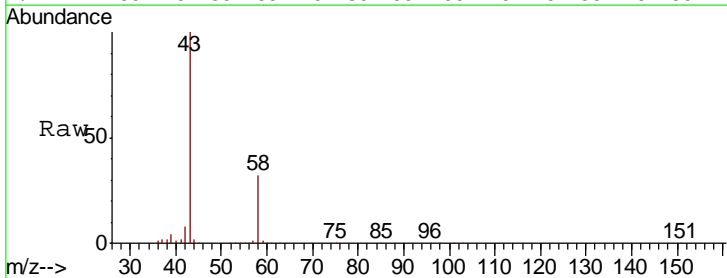
**Manual Integrations**  
**APPROVED**

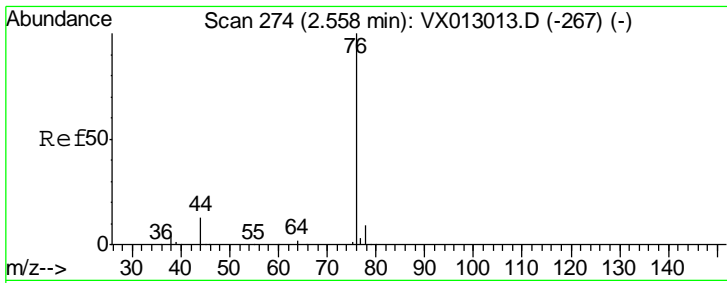
MMDadoda  
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#16  
 Acetone  
 Concen: 212.205 ug/l  
 RT: 2.44 min Scan# 254  
 Delta R.T. -0.00 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

Tgt Ion	Resp	Lower	Upper
43	100		
58	32.0	25.4	38.2





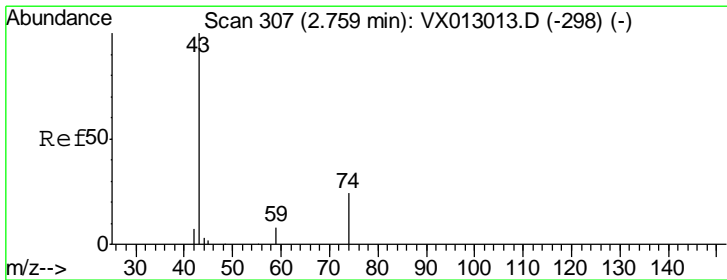
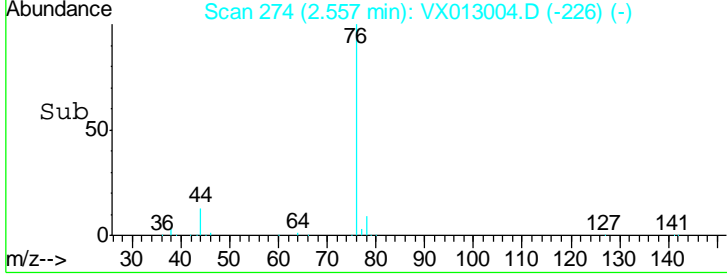
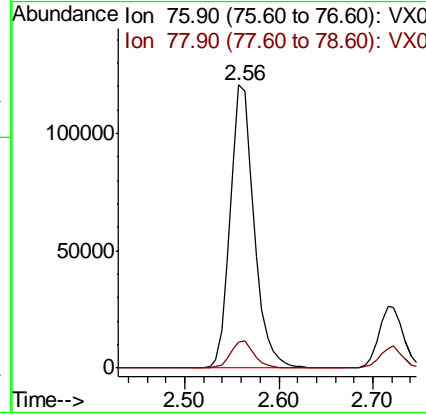
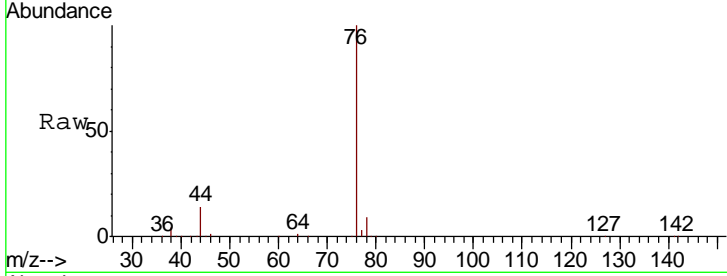
#17  
 Carbon Disulfide  
 Concen: 46.550 ug/l  
 RT: 2.56 min Scan# 274  
 Delta R.T. -0.01 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

**Instrument :**  
 MSVOA\_X  
**ClientSampled :**  
 S49-0555MS

Tgt Ion: 76 Resp: 212345

Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.1	10.7

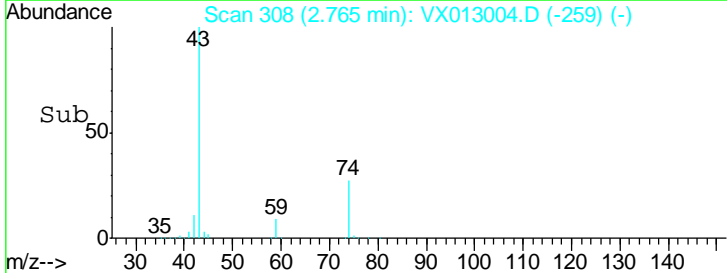
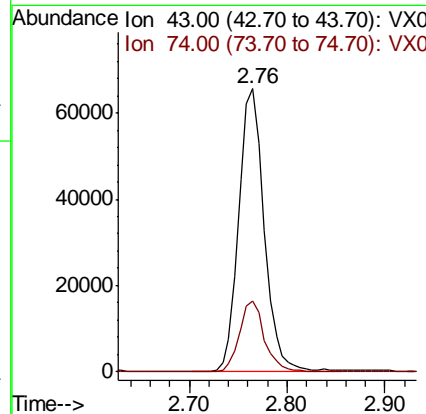
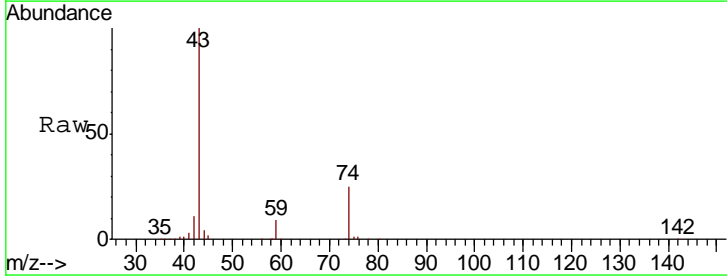
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 10/14/2019 1:05:23 PM

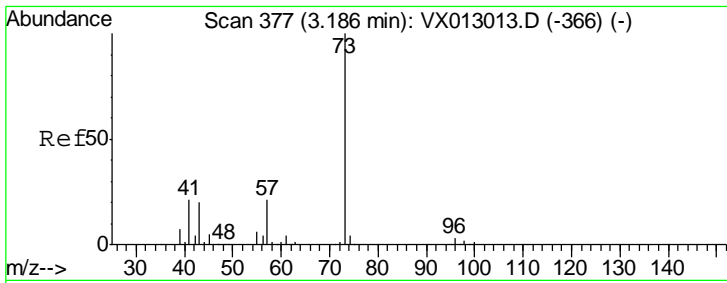


#18  
 Methyl Acetate  
 Concen: 48.059 ug/l  
 RT: 2.76 min Scan# 308  
 Delta R.T. -0.00 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

Tgt Ion: 43 Resp: 118805

Ion	Ratio	Lower	Upper
43	100		
74	25.0	19.2	28.8





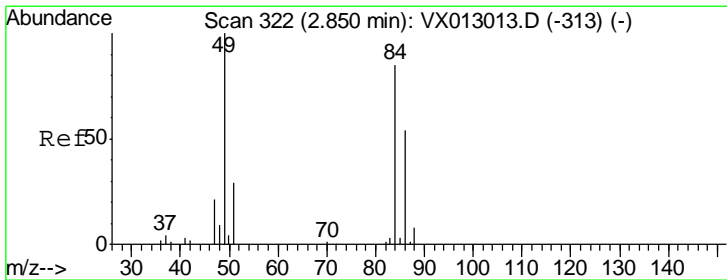
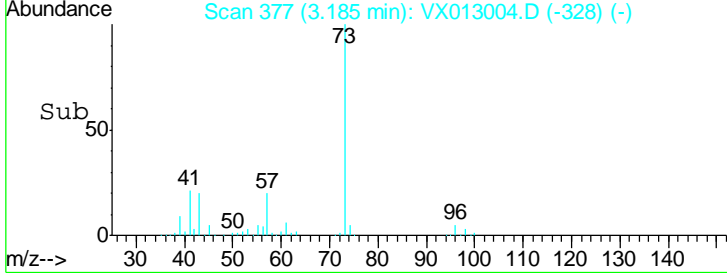
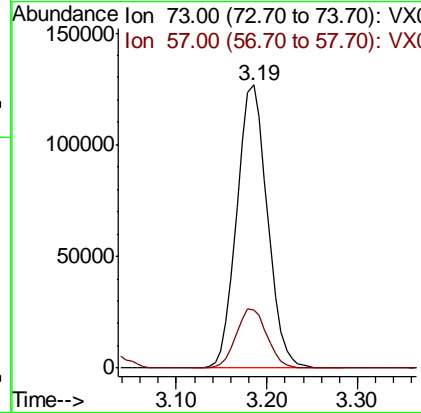
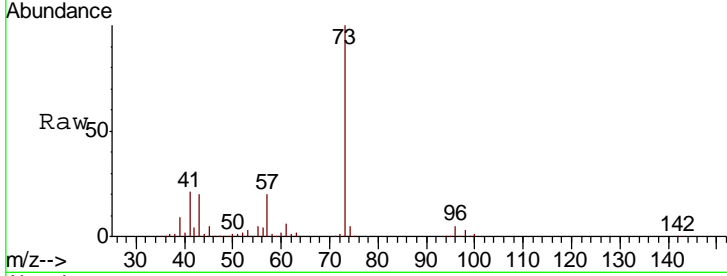
#19  
Methyl tert-butyl Ether  
Concen: 53.829 ug/l  
RT: 3.19 min Scan# 377  
Delta R.T. -0.00 min  
Lab File: VX013004.D  
Acq: 10 Oct 2019 18:26

**Instrument :**  
MSVOA\_X  
**ClientSampled :**  
S49-0555MS

Tgt Ion	Resp	Lower	Upper
73	297388		
57	20.4	17.8	26.6

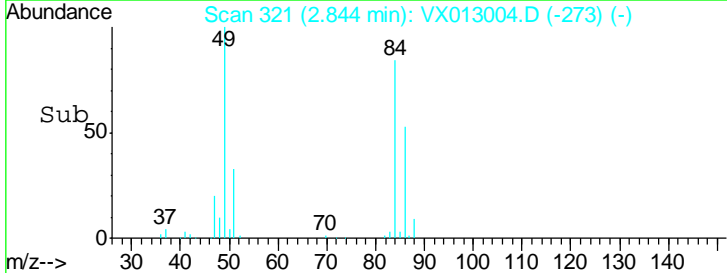
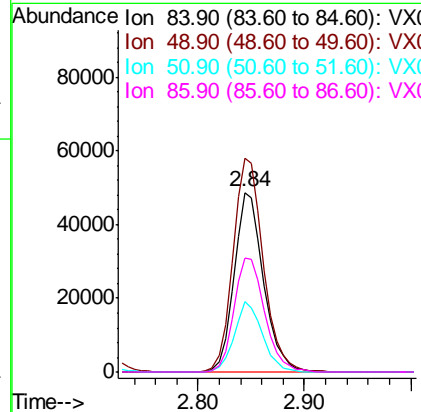
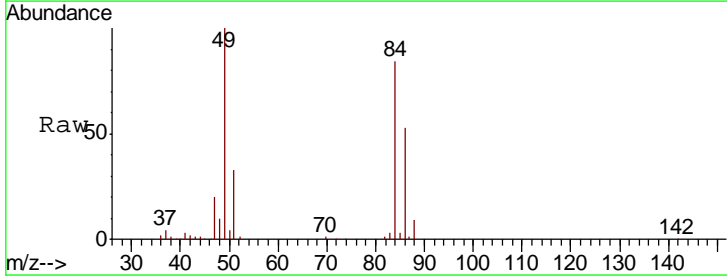
**Manual Integrations**  
**APPROVED**

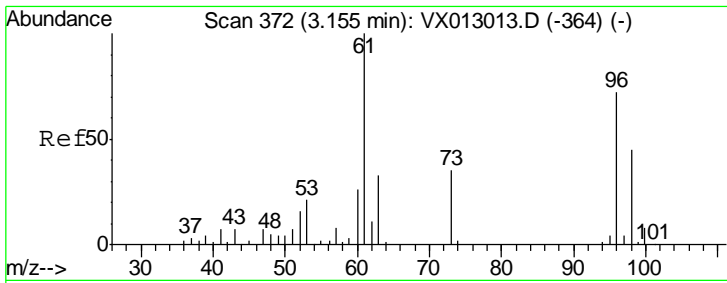
MMDadoda  
10/14/2019 1:05:23 PM



#20  
Methylene Chloride  
Concen: 49.151 ug/l  
RT: 2.84 min Scan# 321  
Delta R.T. -0.01 min  
Lab File: VX013004.D  
Acq: 10 Oct 2019 18:26

Tgt Ion	Resp	Lower	Upper
84	94210		
49	119.1	96.6	144.8
51	39.2	30.7	46.1
86	63.6	51.0	76.6





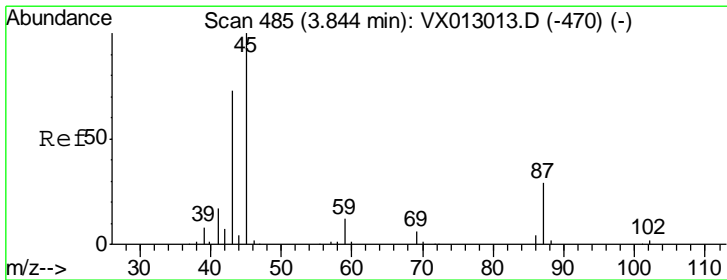
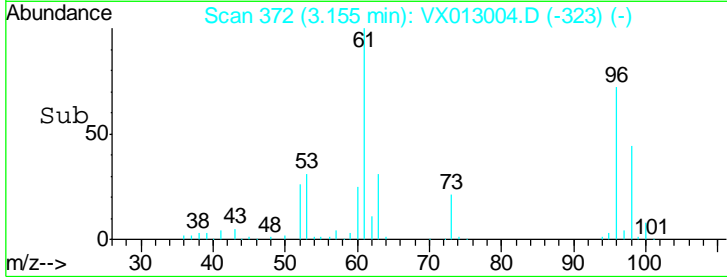
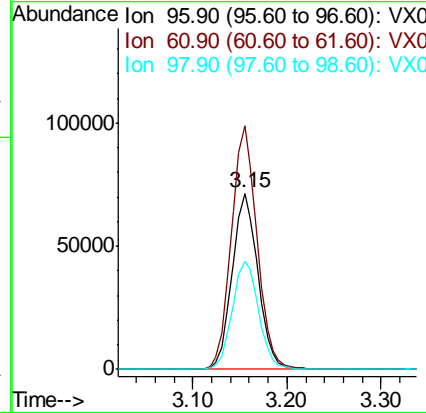
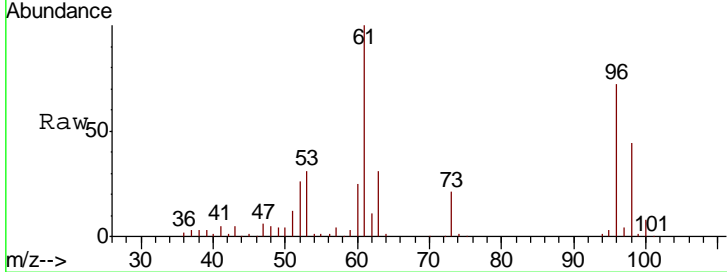
#21  
 trans-1,2-Dichloroethene  
 Concen: 79.189 ug/l  
 RT: 3.15 min Scan# 372  
 Delta R.T. -0.00 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

Instrument : MSVOA\_X  
 ClientSampled : S49-0555MS

Tgt Ion	Resp	Lower	Upper
96	135786		
61	138.4	110.4	165.6
98	61.4	51.5	77.3

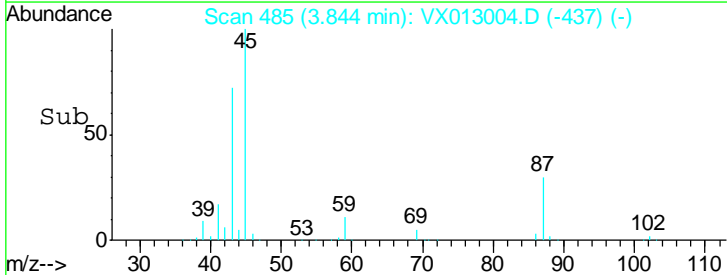
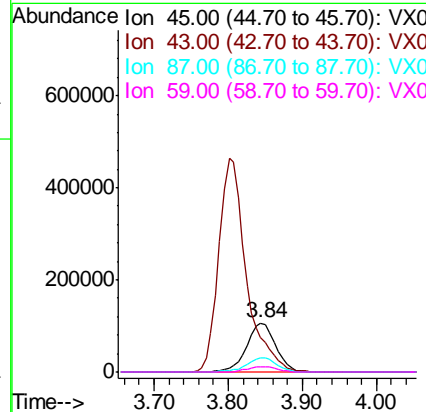
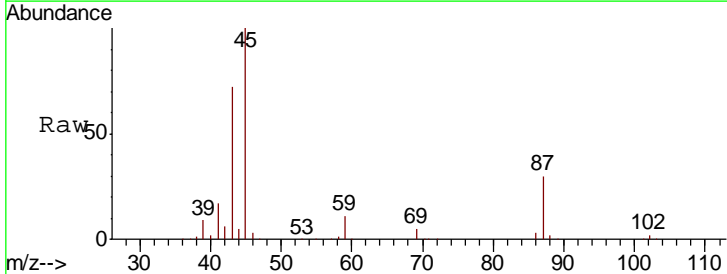
Manual Integrations  
 APPROVED

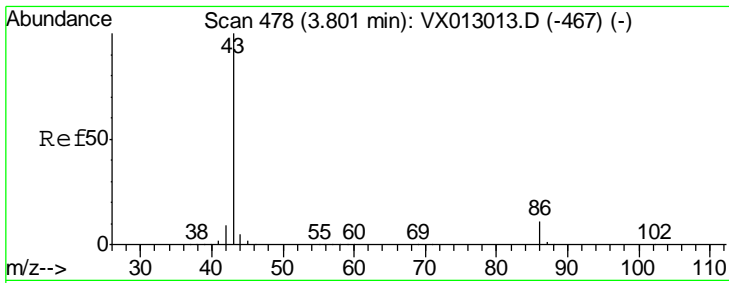
MMDadoda  
 10/14/2019 1:05:23 PM



#22  
 Diisopropyl ether  
 Concen: 53.269 ug/l  
 RT: 3.84 min Scan# 485  
 Delta R.T. -0.01 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

Tgt Ion	Resp	Lower	Upper
45	290808		
43	71.2	51.4	77.0
87	29.7	22.5	33.7
59	11.4	9.7	14.5





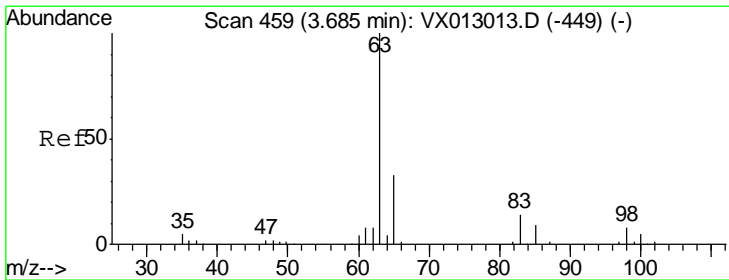
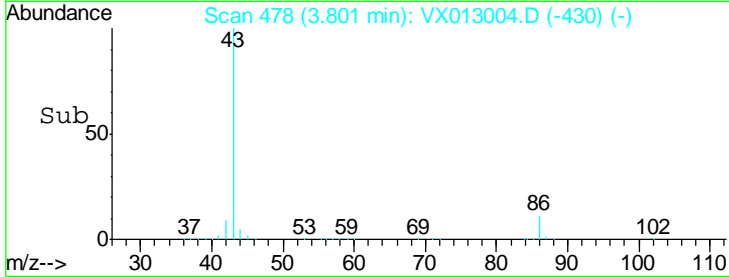
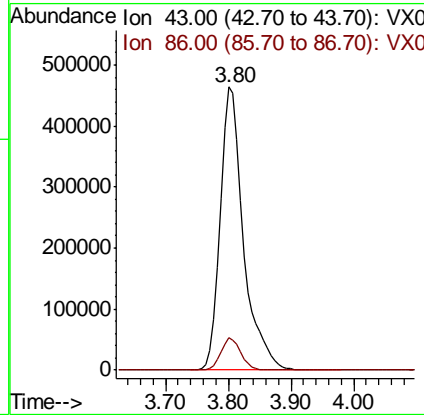
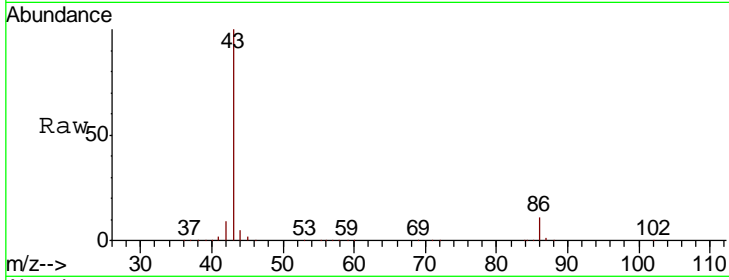
#23  
 Vinyl Acetate  
 Concen: 252.562 ug/l  
 RT: 3.80 min Scan# 478  
 Delta R.T. -0.01 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

**Instrument :**  
 MSVOA\_X  
**ClientSampled :**  
 S49-0555MS

Tgt Ion: 43 Resp: 1190280

Ion	Ratio	Lower	Upper
43	100		
86	11.4	9.0	13.6

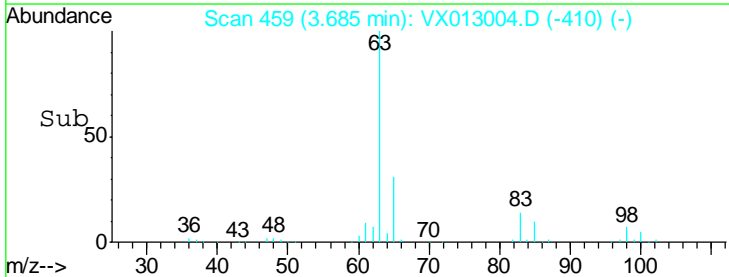
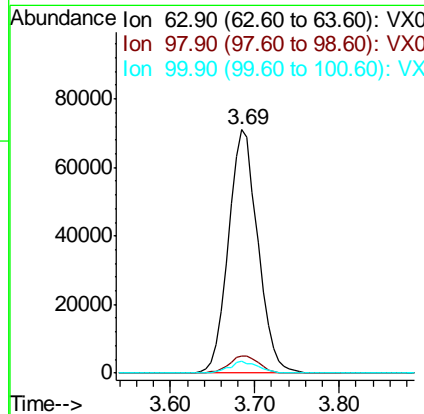
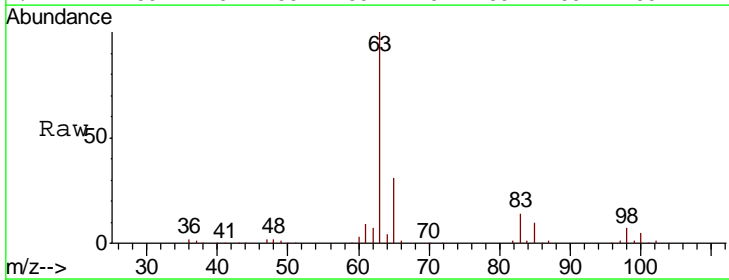
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 10/14/2019 1:05:23 PM



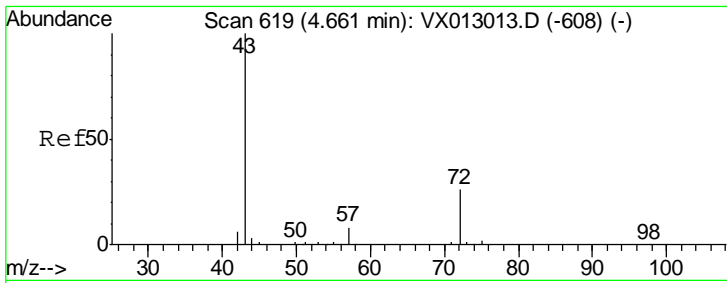
#24  
 1,1-Dichloroethane  
 Concen: 54.884 ug/l  
 RT: 3.69 min Scan# 459  
 Delta R.T. -0.00 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

Tgt Ion: 63 Resp: 168562

Ion	Ratio	Lower	Upper
63	100		
98	7.2	3.9	11.5
100	4.9	2.3	6.9







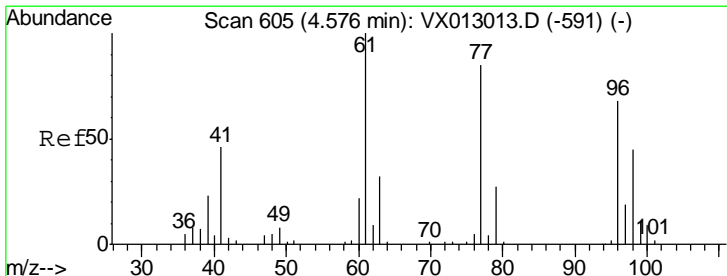
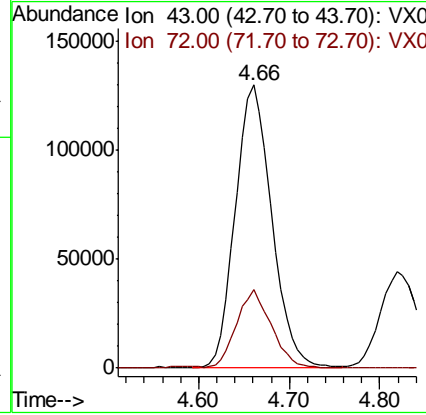
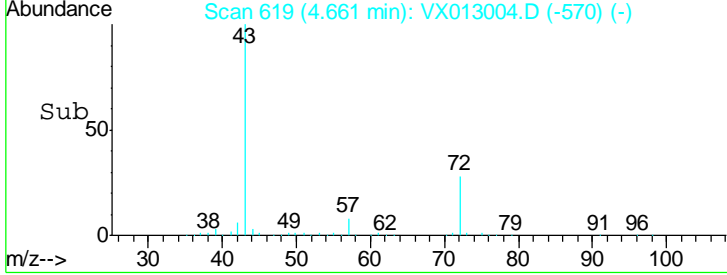
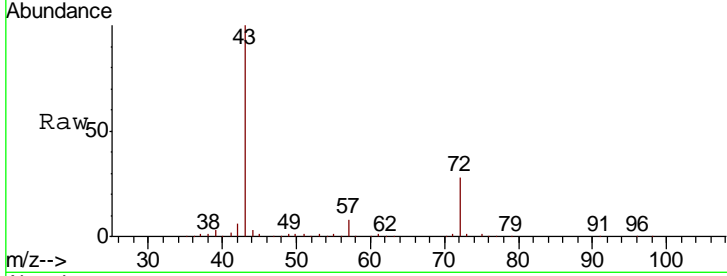
#25  
 2-Butanone  
 Concen: 249.186 ug/l  
 RT: 4.66 min Scan# 619  
 Delta R.T. -0.00 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

**Instrument :**  
 MSVOA\_X  
**ClientSampled :**  
 S49-0555MS

Tgt Ion: 43 Resp: 360562

Ion	Ratio	Lower	Upper
43	100		
72	27.6	21.0	31.6

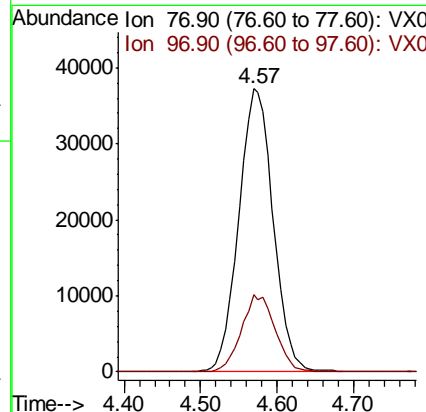
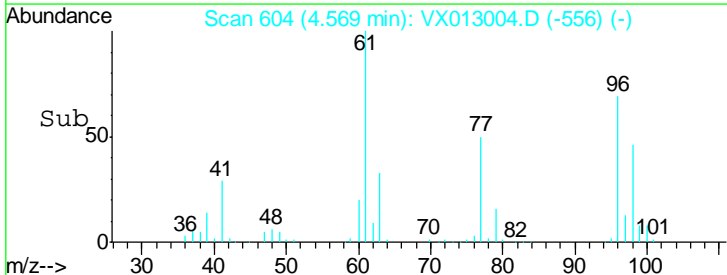
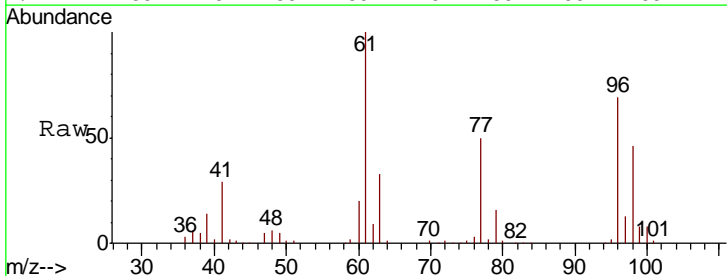
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
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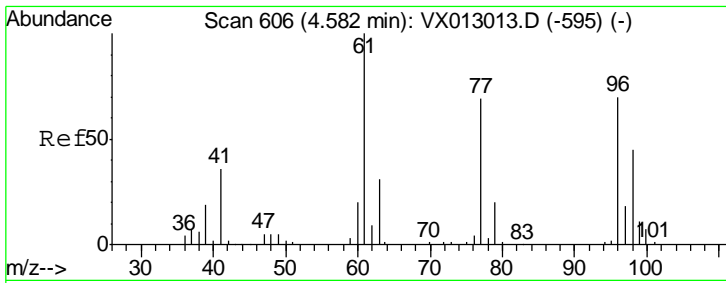


#26  
 2,2-Dichloropropane  
 Concen: 44.881 ug/l  
 RT: 4.57 min Scan# 604  
 Delta R.T. -0.01 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

Tgt Ion: 77 Resp: 115911

Ion	Ratio	Lower	Upper
77	100		
97	26.9	11.3	33.9



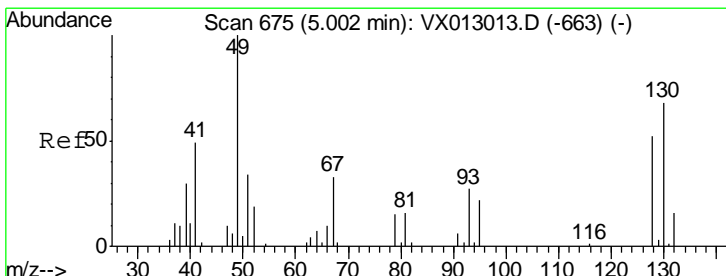
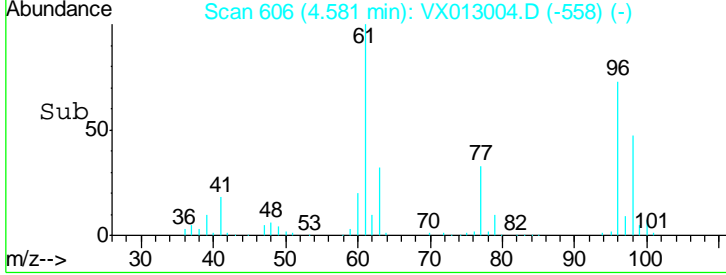
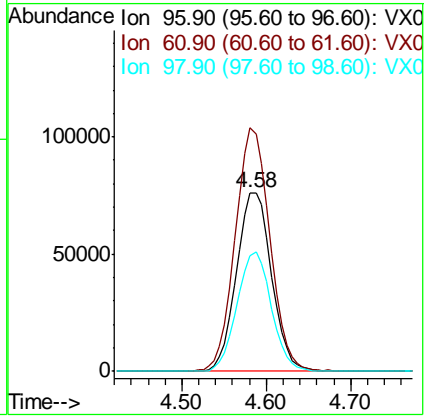
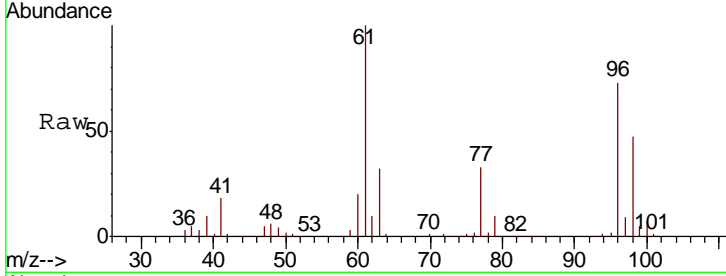


#27  
 cis-1,2-Dichloroethene  
 Concen: 108.446 ug/l  
 RT: 4.58 min Scan# 606  
 Delta R.T. -0.01 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

**Instrument :**  
 MSVOA\_X  
**ClientSampled :**  
 S49-0555MS

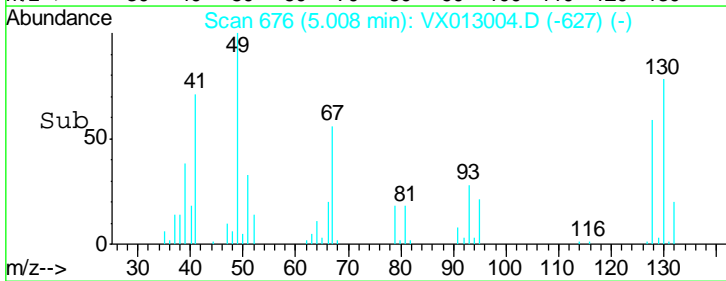
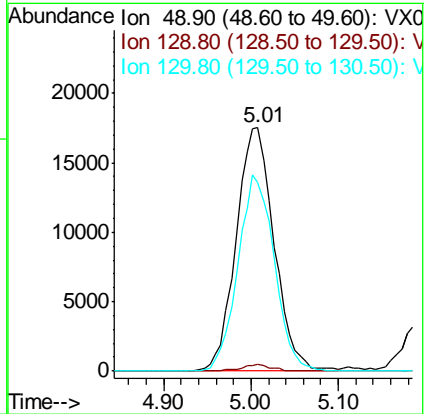
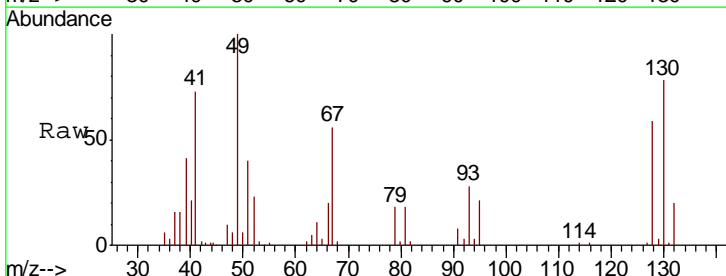
Tgt Ion	Resp	Lower	Upper
96	214344		
61	135.3	0.0	290.6
98	65.4	0.0	128.8

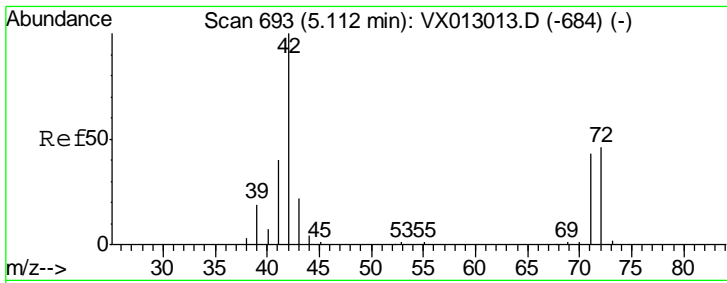
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
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#28  
 Bromochloromethane  
 Concen: 57.505 ug/l  
 RT: 5.01 min Scan# 676  
 Delta R.T. 0.00 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

Tgt Ion	Resp	Lower	Upper
49	52719		
129	2.2	0.0	4.2
130	77.6	62.1	93.1





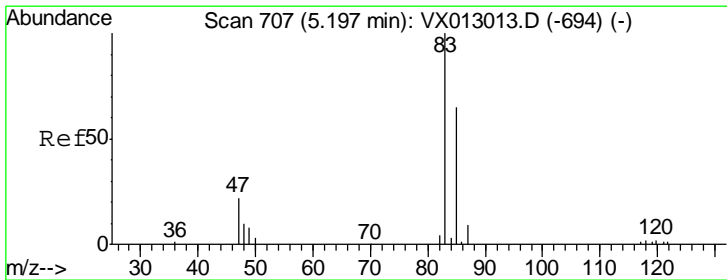
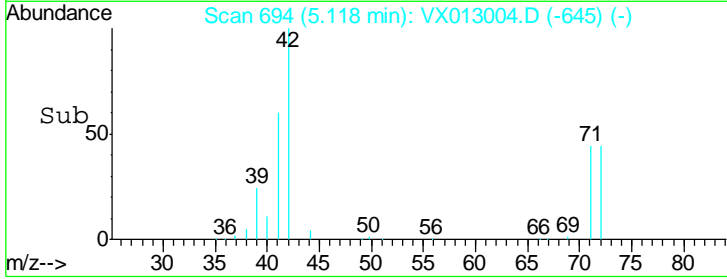
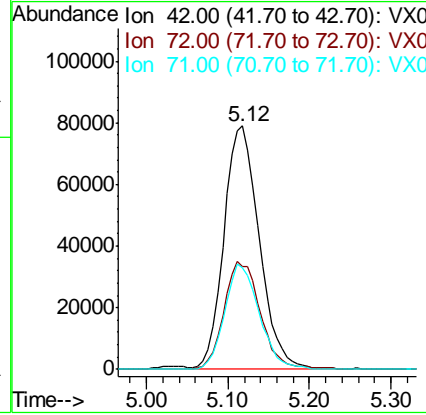
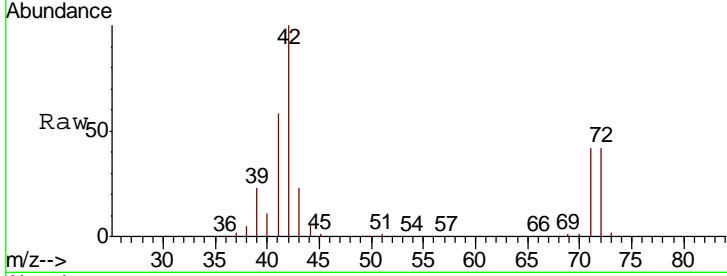
#29  
 Tetrahydrofuran  
 Concen: 264.945 ug/l  
 RT: 5.12 min Scan# 694  
 Delta R.T. -0.00 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

Instrument : MSVOA\_X  
 ClientSampled : S49-0555MS

Tgt Ion	Resp	Lower	Upper
42	100		
72	45.9	36.9	55.3
71	42.6	33.5	50.3

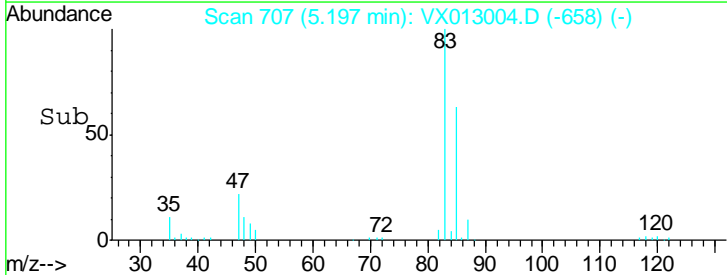
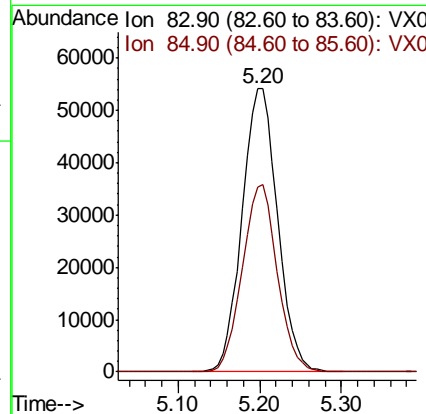
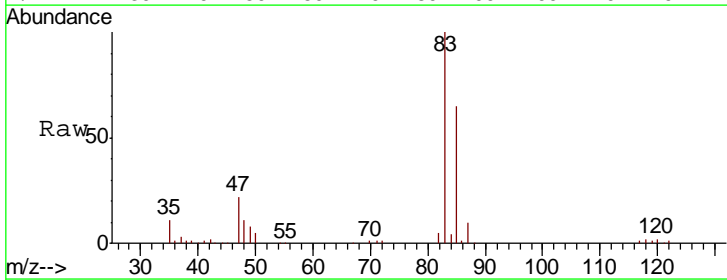
Manual Integrations  
 APPROVED

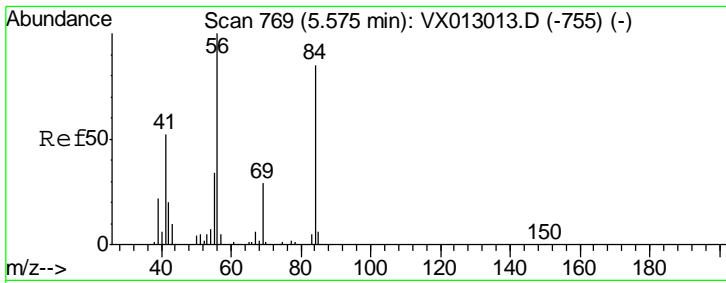
MMDadoda  
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#30  
 Chloroform  
 Concen: 51.973 ug/l  
 RT: 5.20 min Scan# 707  
 Delta R.T. -0.00 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

Tgt Ion	Resp	Lower	Upper
83	100		
85	65.4	51.5	77.3





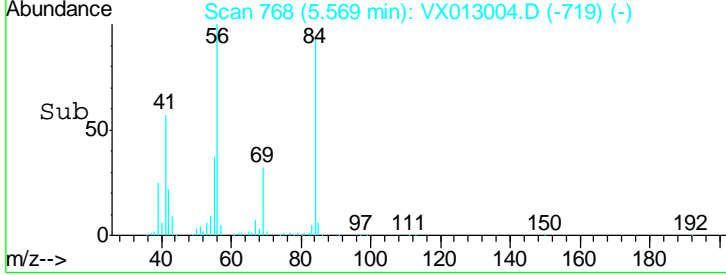
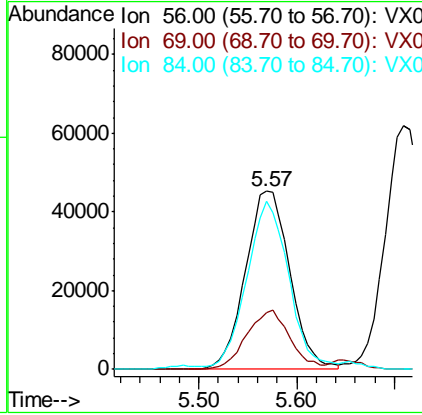
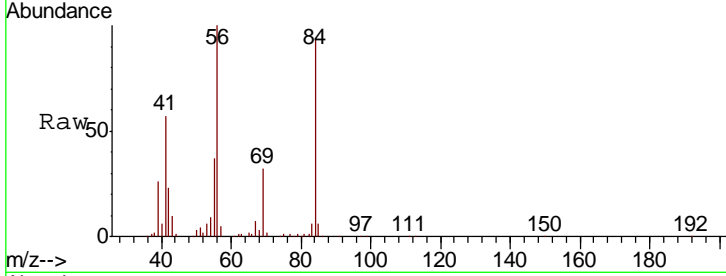
#31  
 Cyclohexane  
 Concen: 49.894 ug/l  
 RT: 5.57 min Scan# 768  
 Delta R.T. -0.00 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 S49-0555MS

Tgt Ion	Resp	Lower	Upper
56	143288		
69	32.2	25.2	37.8
84	92.8	71.3	106.9

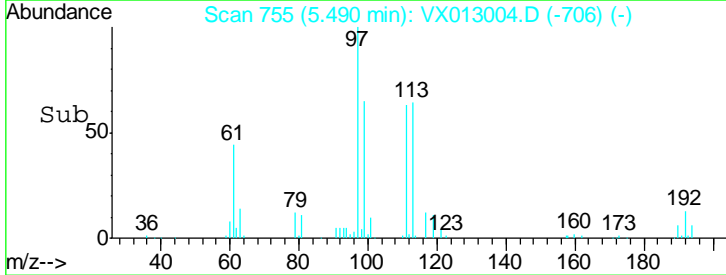
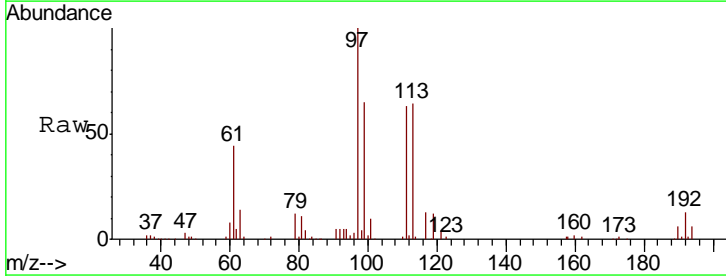
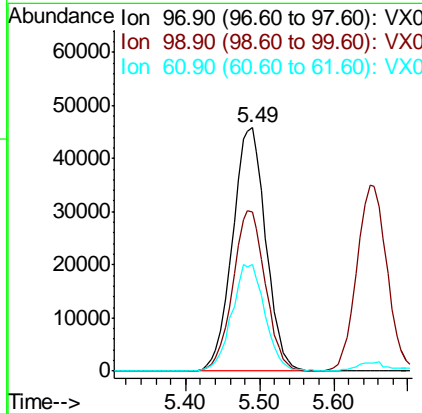
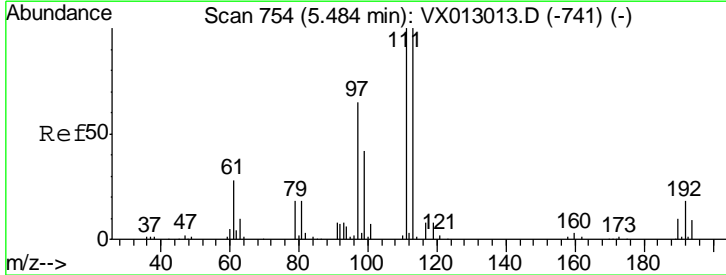
Manual Integrations  
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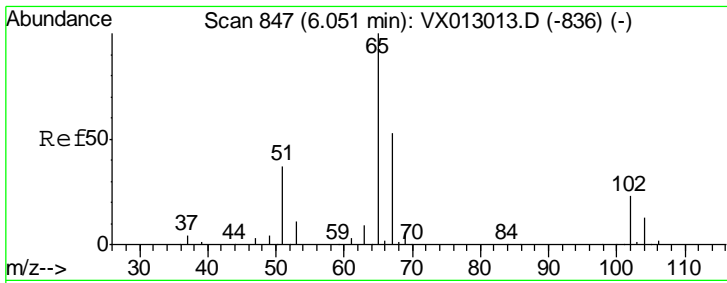
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#32  
 1,1,1-Trichloroethane  
 Concen: 53.579 ug/l  
 RT: 5.49 min Scan# 755  
 Delta R.T. -0.00 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

Tgt Ion	Resp	Lower	Upper
97	143066		
99	64.7	52.3	78.5
61	43.9	35.0	52.4





#33  
 1,2-Dichloroethane-d4  
 Concen: 53.081 ug/l  
 RT: 6.06 min Scan# 848  
 Delta R.T. -0.00 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

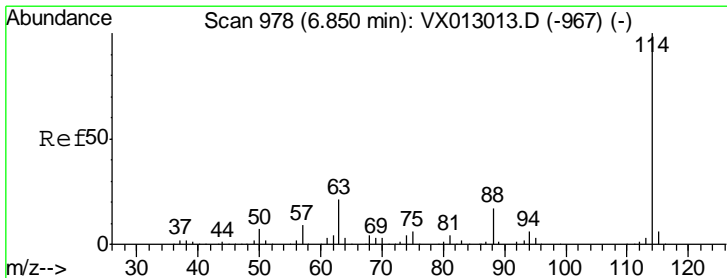
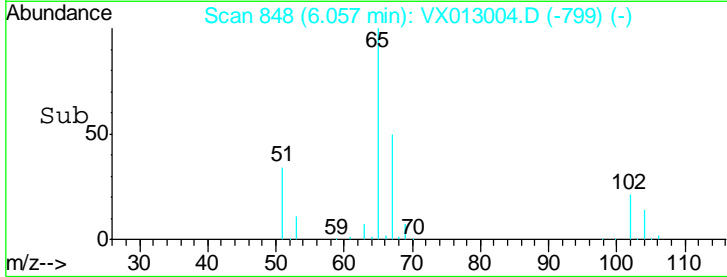
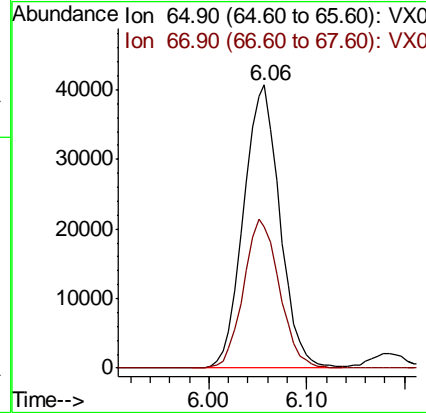
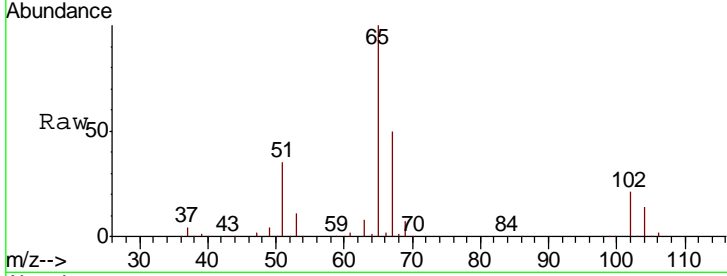
**Instrument :**  
 MSVOA\_X  
**ClientSampled :**  
 S49-0555MS

Tgt Ion: 65 Resp: 105030

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	104.4

**Manual Integrations**  
**APPROVED**

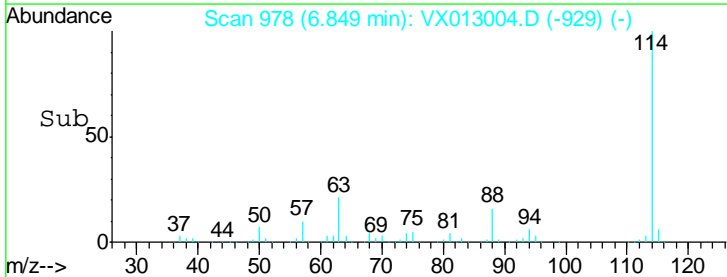
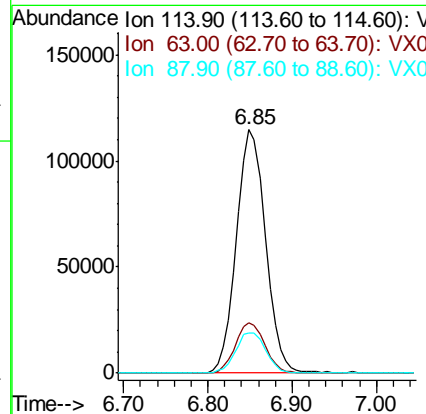
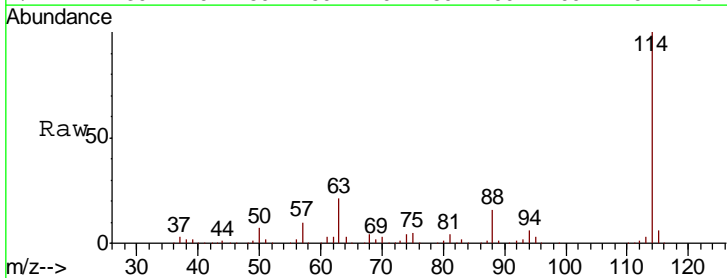
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 10/14/2019 1:05:23 PM

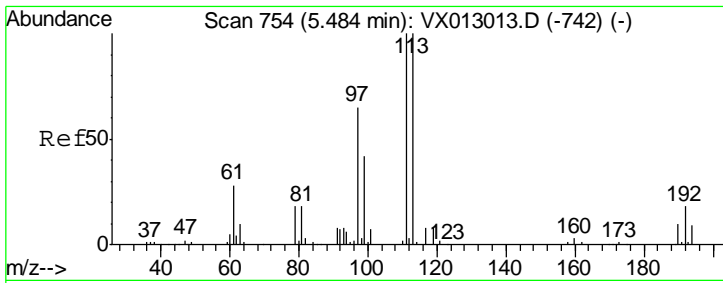


#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.85 min Scan# 978  
 Delta R.T. -0.00 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

Tgt Ion: 114 Resp: 268865

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	40.8
88	16.5	0.0	33.8





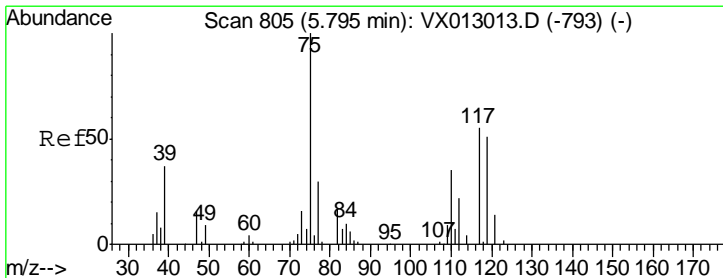
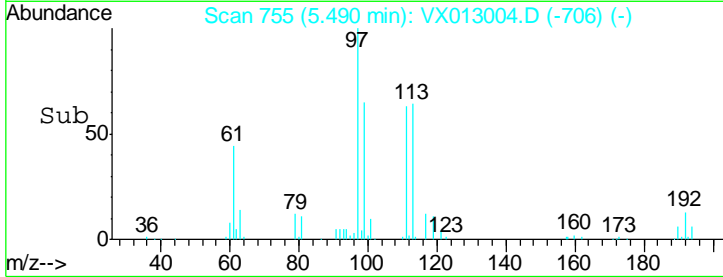
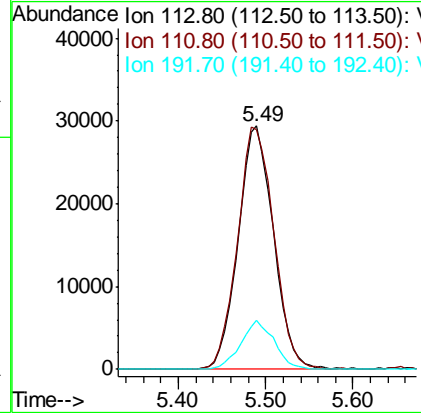
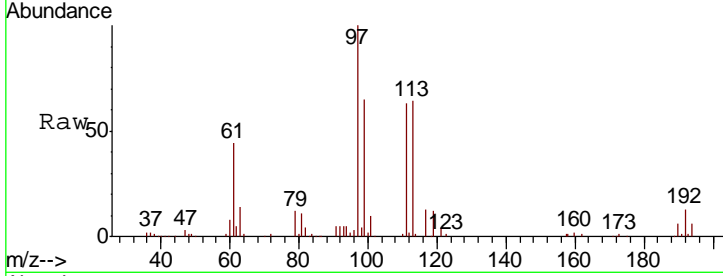
#35  
 Dibromofluoromethane  
 Concen: 53.483 ug/l  
 RT: 5.49 min Scan# 755  
 Delta R.T. -0.00 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

Instrument : MSVOA\_X  
 ClientSampled : S49-0555MS

Tgt Ion	Resp	Lower	Upper
113	82532		
111	102.5	83.2	124.8
192	19.1	15.4	23.2

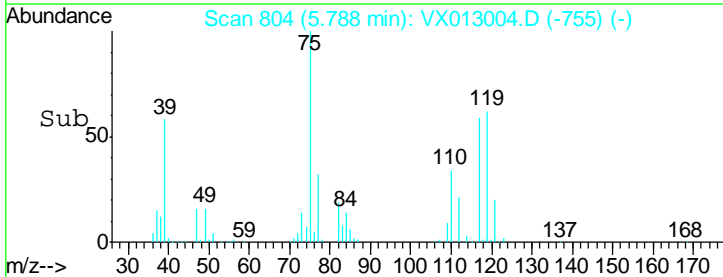
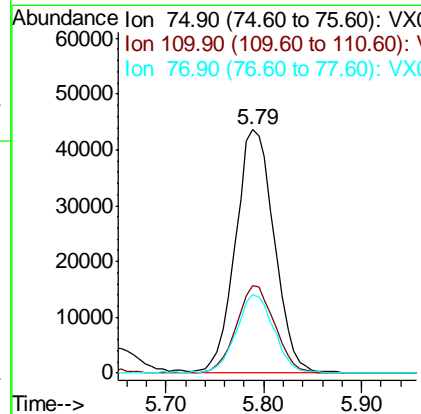
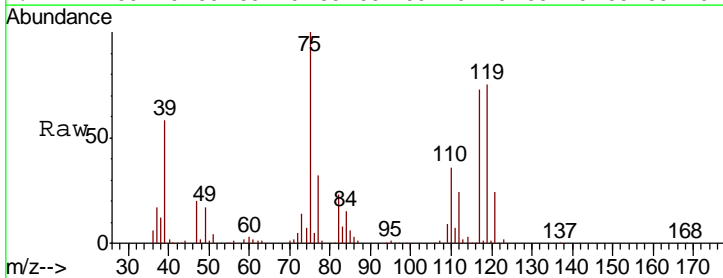
Manual Integrations  
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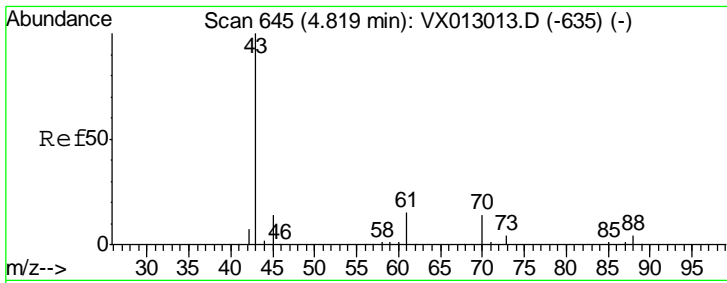
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#36  
 1,1-Dichloropropene  
 Concen: 50.511 ug/l  
 RT: 5.79 min Scan# 804  
 Delta R.T. -0.00 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

Tgt Ion	Resp	Lower	Upper
75	119402		
110	35.7	17.6	52.9
77	31.3	24.4	36.6





#37  
 Ethyl Acetate  
 Concen: 49.759 ug/l  
 RT: 4.82 min Scan# 645  
 Delta R.T. -0.00 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

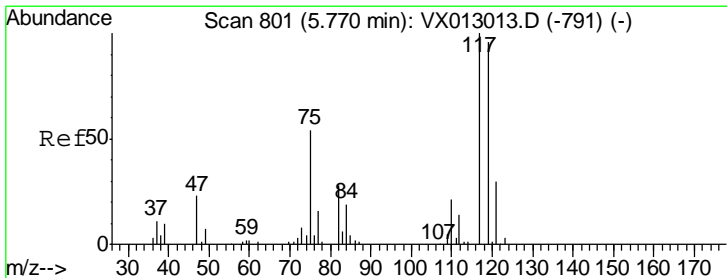
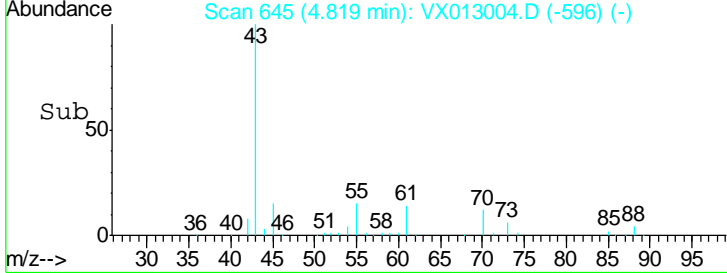
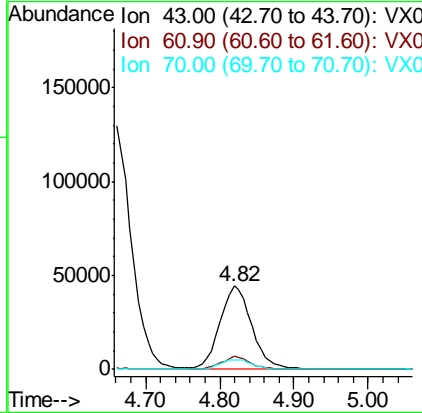
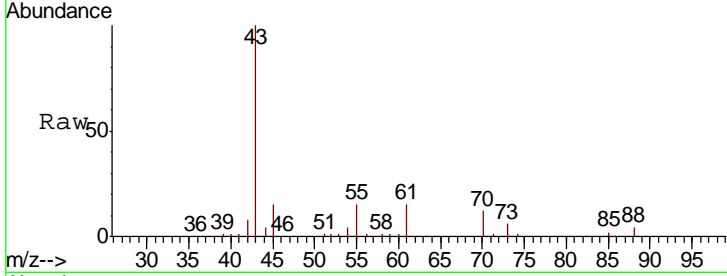
**Instrument :**  
 MSVOA\_X  
**ClientSampled :**  
 S49-0555MS

Tgt Ion: 43 Resp: 131526

Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.4	17.0
70	12.1	9.8	14.6

**Manual Integrations**  
**APPROVED**

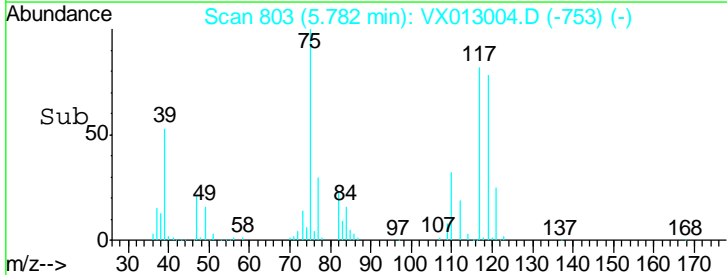
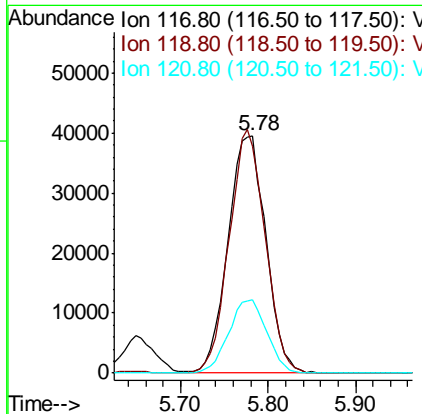
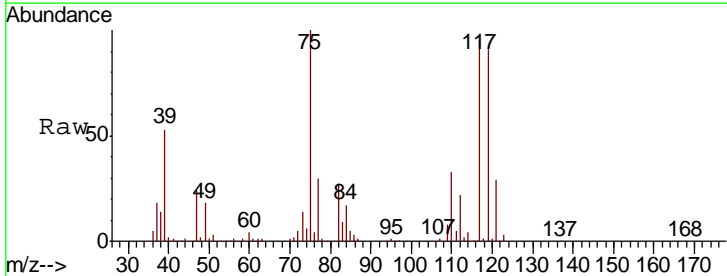
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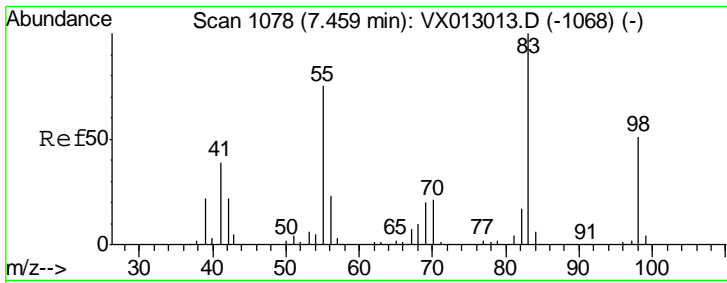


#38  
 Carbon Tetrachloride  
 Concen: 51.818 ug/l  
 RT: 5.78 min Scan# 803  
 Delta R.T. 0.01 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

Tgt Ion: 117 Resp: 119227

Ion	Ratio	Lower	Upper
117	100		
119	95.8	74.5	111.7
121	30.7	24.2	36.4





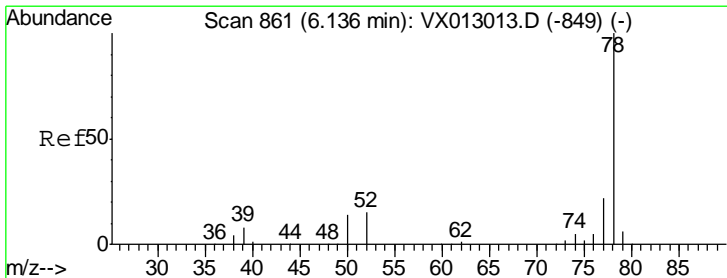
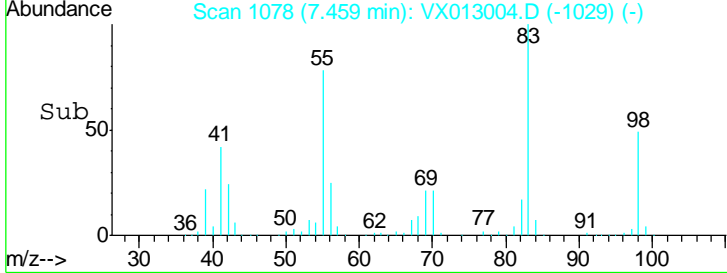
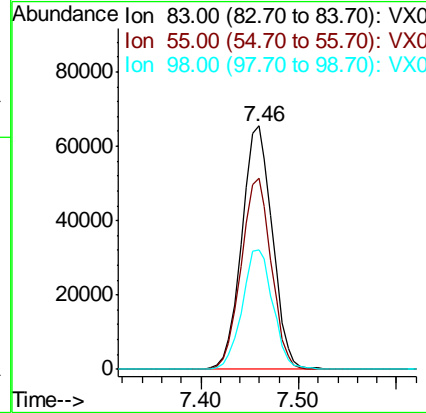
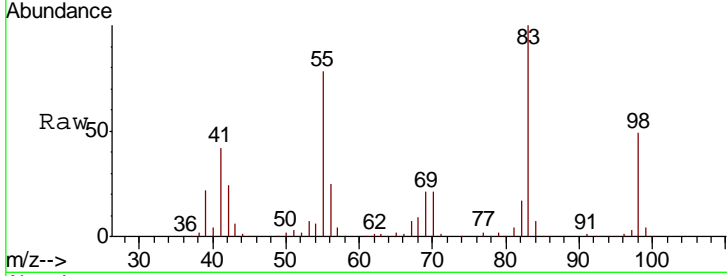
#39  
 Methylcyclohexane  
 Concen: 49.502 ug/l  
 RT: 7.46 min Scan# 1078  
 Delta R.T. -0.00 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 S49-0555MS

Tgt Ion	Resp	Lower	Upper
83	141910		
83	100		
55	78.5	60.2	90.4
98	49.3	38.5	57.7

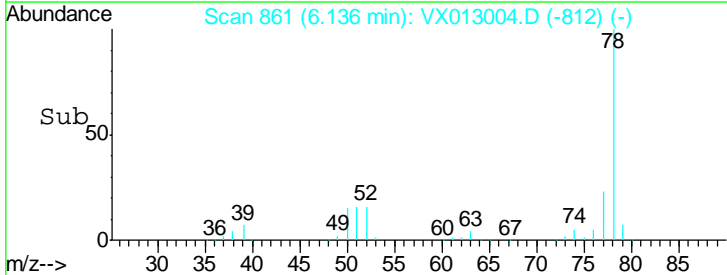
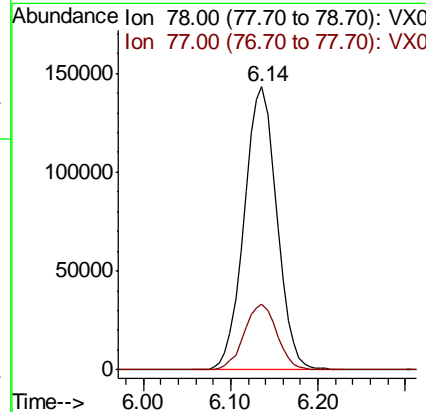
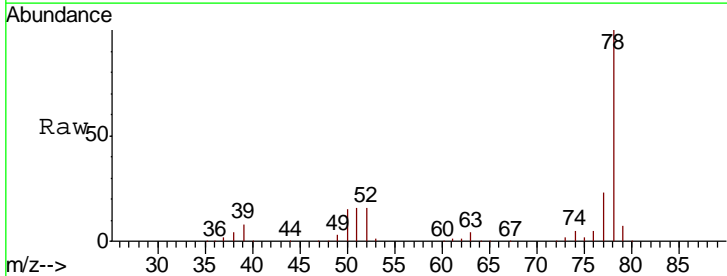
Manual Integrations  
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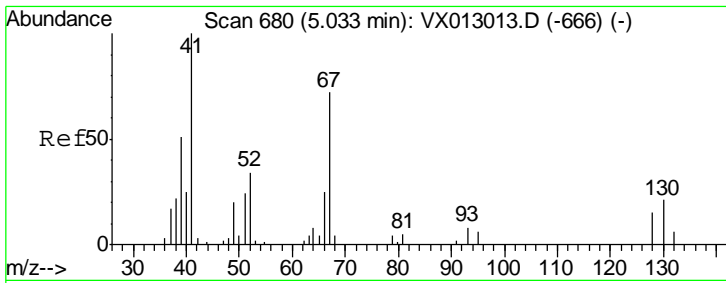


#40  
 Benzene  
 Concen: 53.257 ug/l  
 RT: 6.14 min Scan# 861  
 Delta R.T. -0.00 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

Tgt Ion	Resp	Lower	Upper
78	371824		
78	100		
77	23.1	19.0	28.4







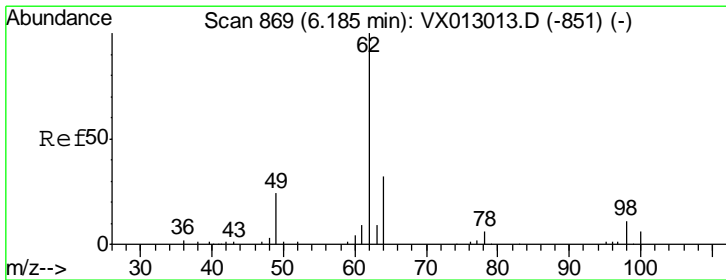
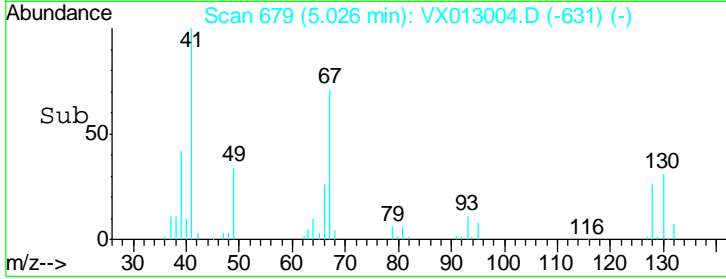
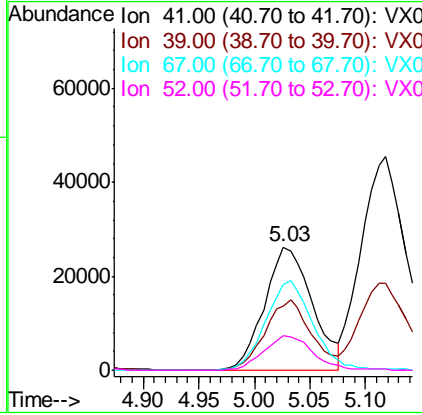
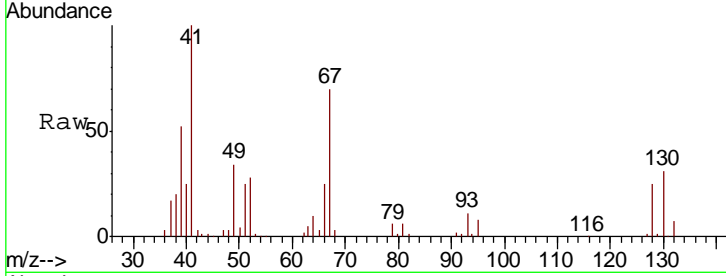
#41  
 Methacrylonitrile  
 Concen: 53.941 ug/l  
 RT: 5.03 min Scan# 679  
 Delta R.T. -0.01 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 S49-0555MS

Tgt Ion	Resp	Lower	Upper
41	100		
39	55.2	44.0	66.0
67	71.9	58.5	87.7
52	29.1	23.8	35.8

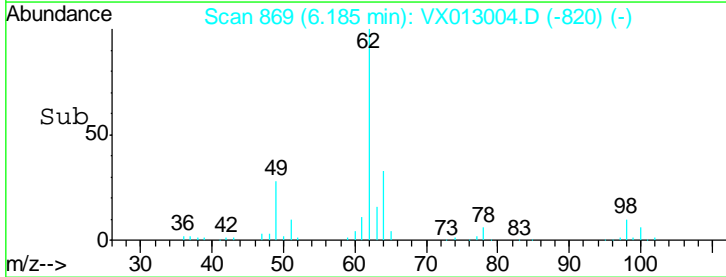
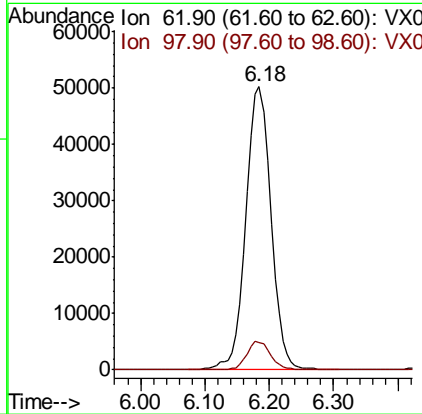
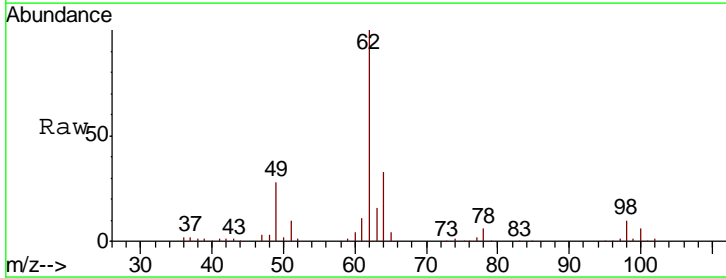
Manual Integrations  
 APPROVED

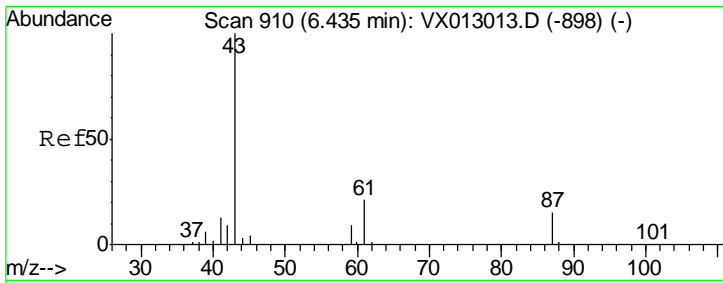
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#42  
 1,2-Dichloroethane  
 Concen: 53.670 ug/l  
 RT: 6.18 min Scan# 869  
 Delta R.T. -0.00 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

Tgt Ion	Resp	Lower	Upper
62	100		
98	9.5	0.0	20.4





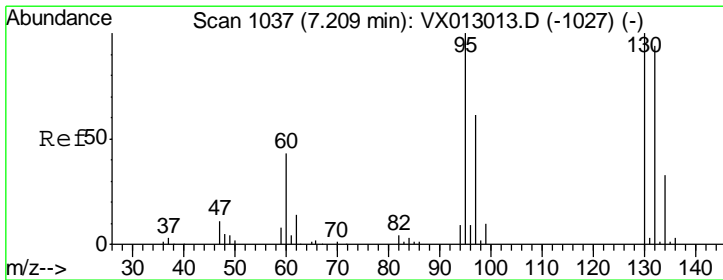
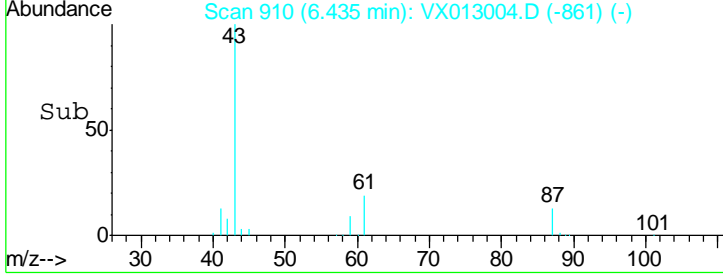
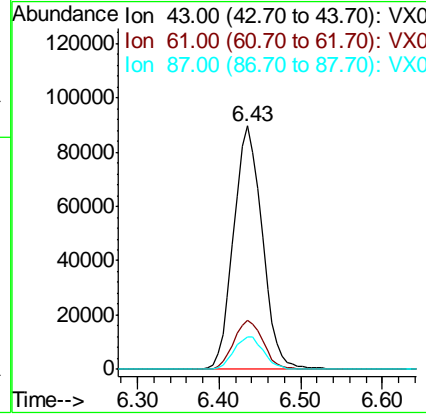
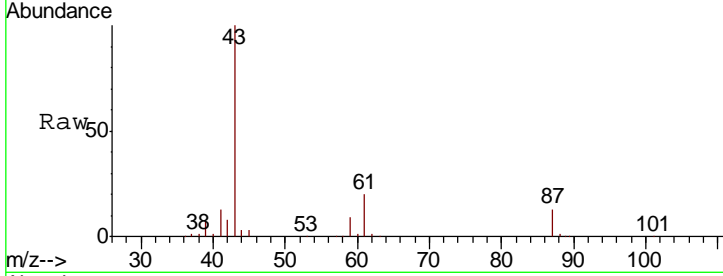
#43  
 Isopropyl Acetate  
 Concen: 51.126 ug/l  
 RT: 6.43 min Scan# 910  
 Delta R.T. -0.00 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

Instrument : MSVOA\_X  
 ClientSampled : S49-0555MS

Tgt Ion	Resp	Lower	Upper
43	100		
61	20.7	16.6	24.8
87	13.9	11.0	16.6

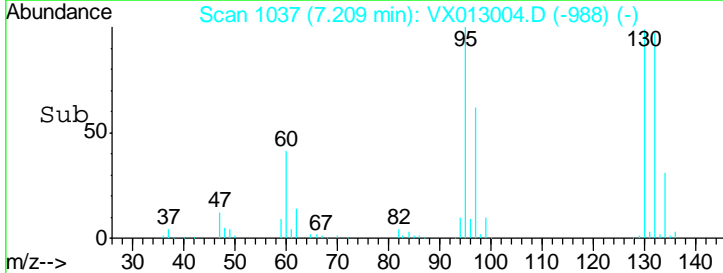
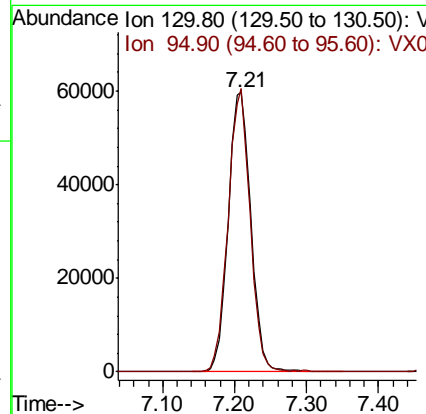
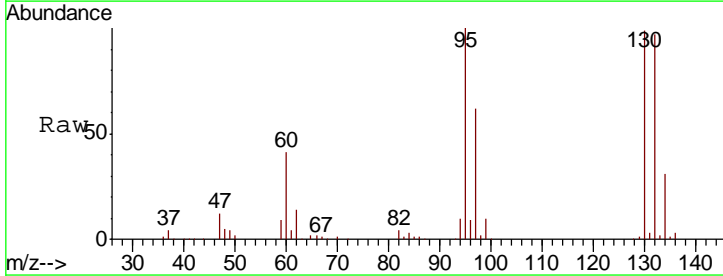
Manual Integrations  
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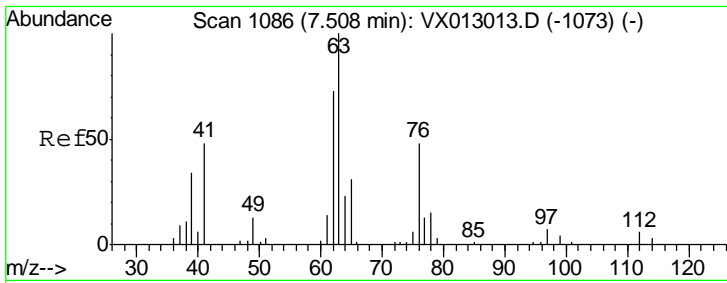
MMDadoda  
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#44  
 Trichloroethene  
 Concen: 67.577 ug/l  
 RT: 7.21 min Scan# 1037  
 Delta R.T. -0.00 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

Tgt Ion	Resp	Lower	Upper
130	100		
95	101.4	0.0	189.2





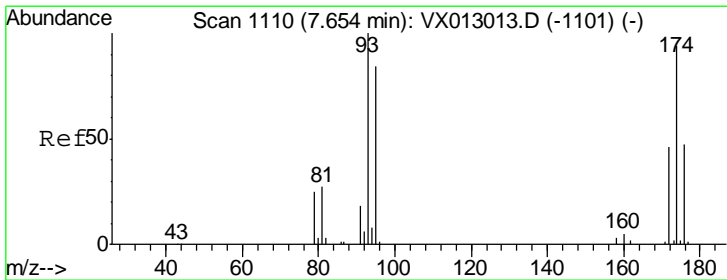
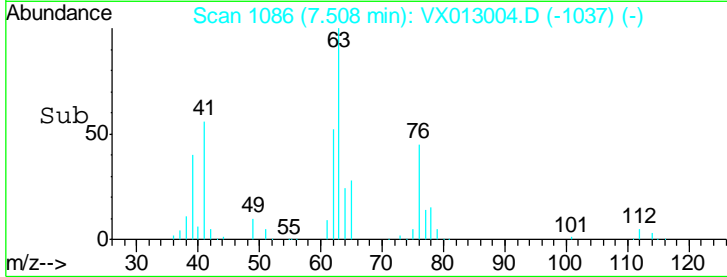
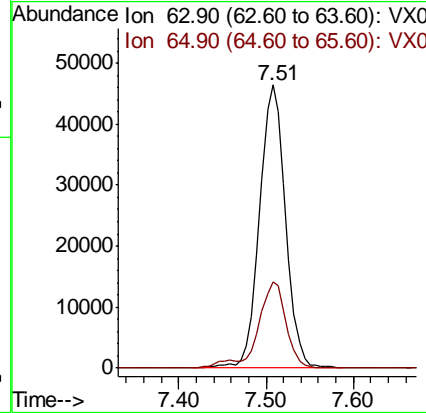
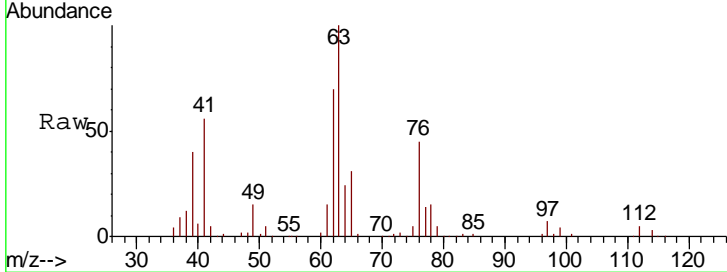
#45  
 1,2-Dichloropropane  
 Concen: 53.748 ug/l  
 RT: 7.51 min Scan# 1086  
 Delta R.T. -0.00 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

Instrument : MSVOA\_X  
 ClientSampled : S49-0555MS

Tgt Ion	Resp	Lower	Upper
63	100		
65	30.6	24.6	37.0

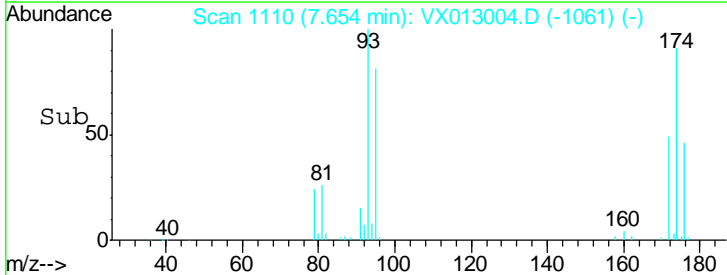
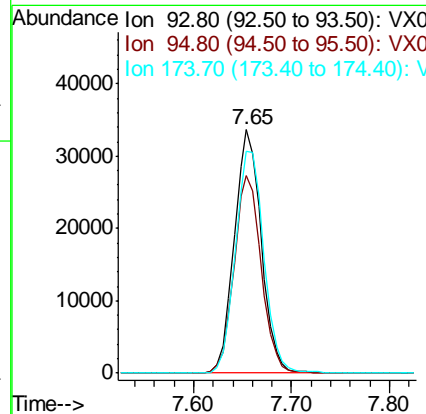
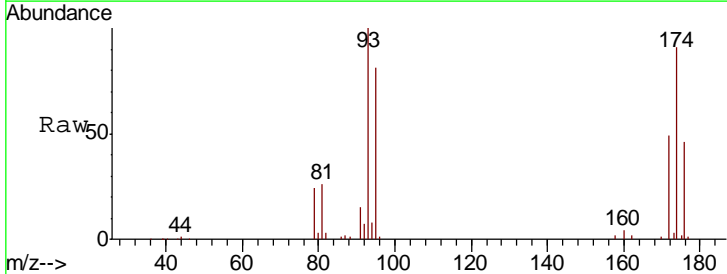
Manual Integrations  
 APPROVED

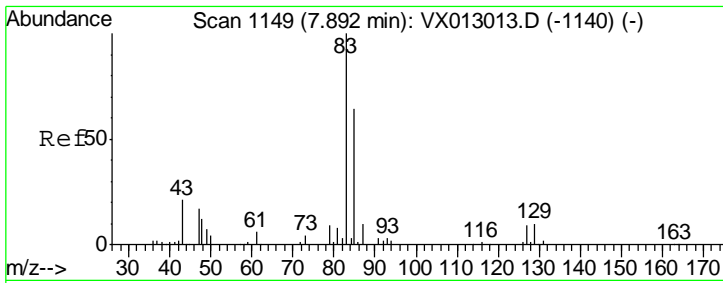
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 10/14/2019 1:05:23 PM



#46  
 Dibromomethane  
 Concen: 54.214 ug/l  
 RT: 7.65 min Scan# 1110  
 Delta R.T. -0.00 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

Tgt Ion	Resp	Lower	Upper
93	100		
95	81.7	66.3	99.5
174	96.3	77.8	116.6





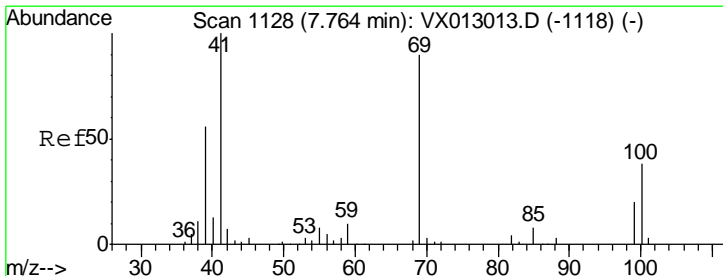
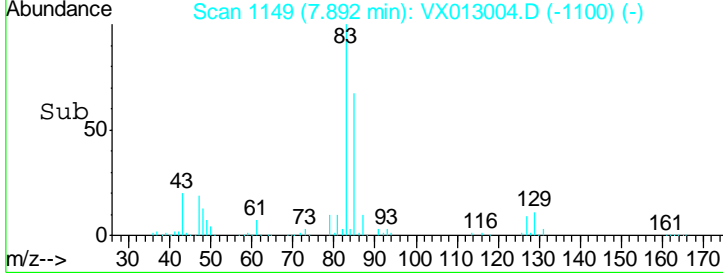
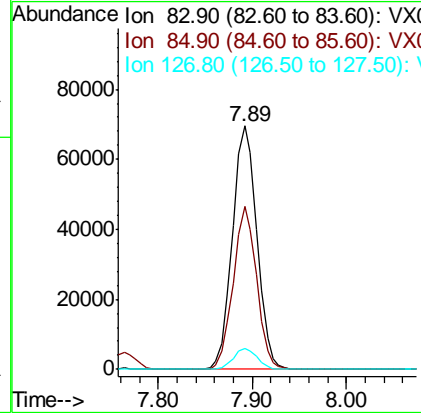
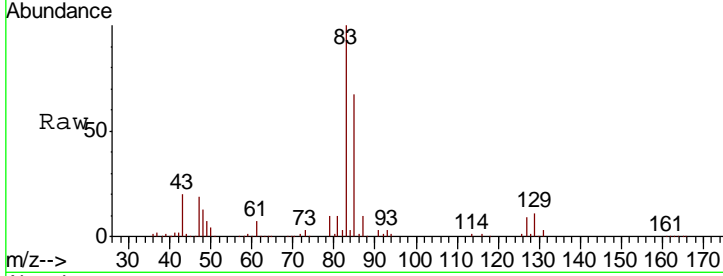
#47  
 Bromodichloromethane  
 Concen: 54.106 ug/l  
 RT: 7.89 min Scan# 1149  
 Delta R.T. -0.00 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 S49-0555MS

Tgt Ion	Resp	Lower	Upper
83	125180		
85	66.7	52.4	78.6
127	8.6	6.6	10.0

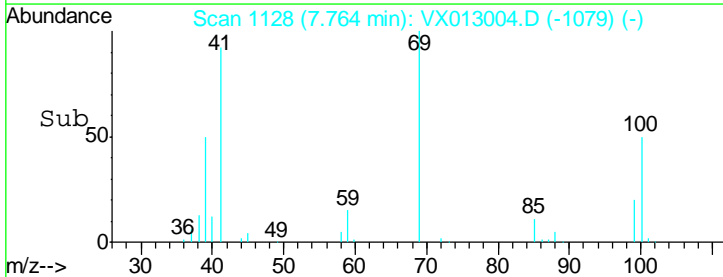
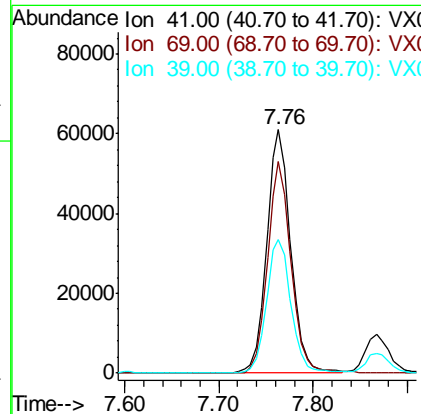
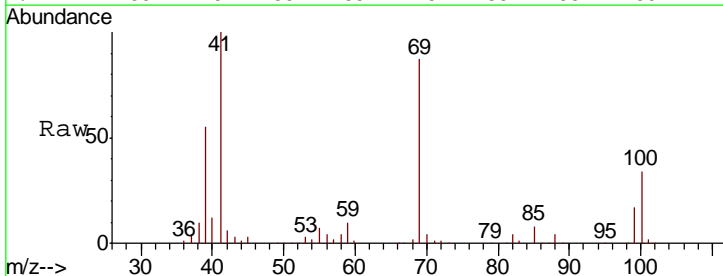
Manual Integrations  
 APPROVED

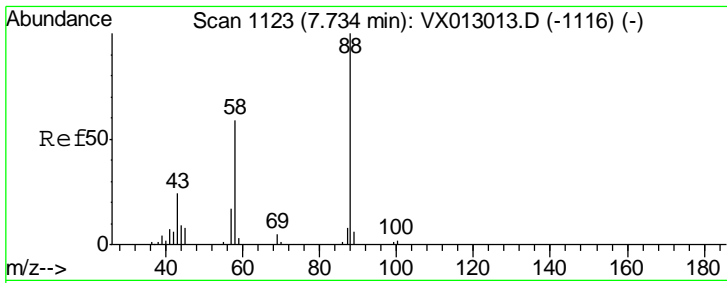
MMDadoda  
 10/14/2019 1:05:23 PM



#48  
 Methyl methacrylate  
 Concen: 52.714 ug/l  
 RT: 7.76 min Scan# 1128  
 Delta R.T. -0.00 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

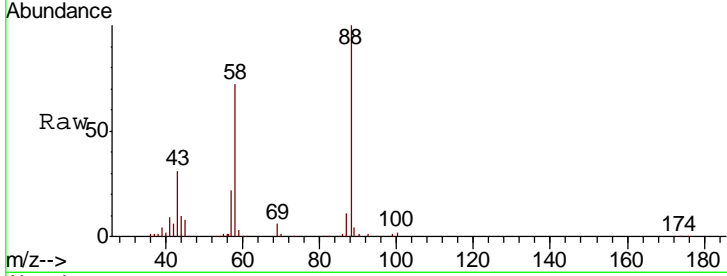
Tgt Ion	Resp	Lower	Upper
41	108983		
69	85.5	68.7	103.1
39	56.4	44.3	66.5





#49  
 1,4-Dioxane  
 Concen: 853.270 ug/l  
 RT: 7.73 min Scan# 1123  
 Delta R.T. 0.00 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

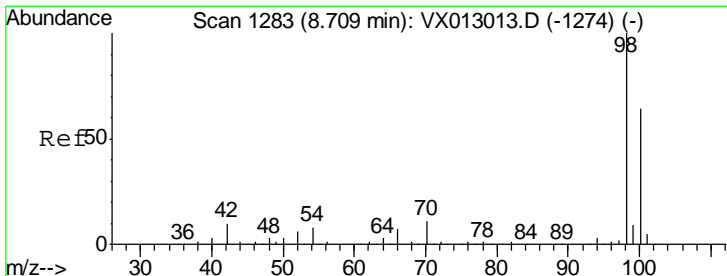
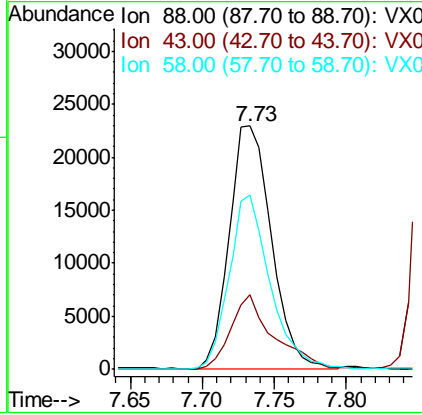
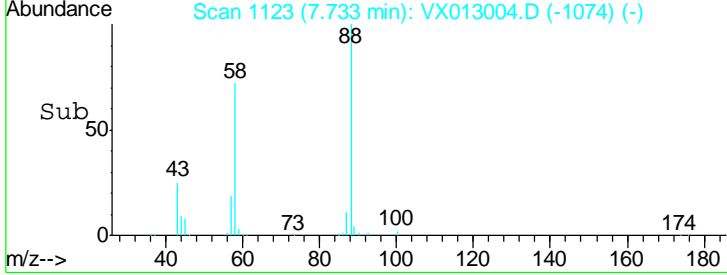
**Instrument :**  
 MSVOA\_X  
**ClientSampled :**  
 S49-0555MS



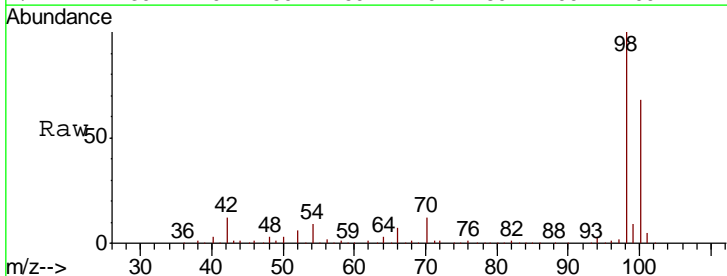
Tgt Ion: 88 Resp: 47044

Ion	Ratio	Lower	Upper
88	100		
43	31.8	25.0	37.6
58	69.9	55.4	83.2

**Manual Integrations**  
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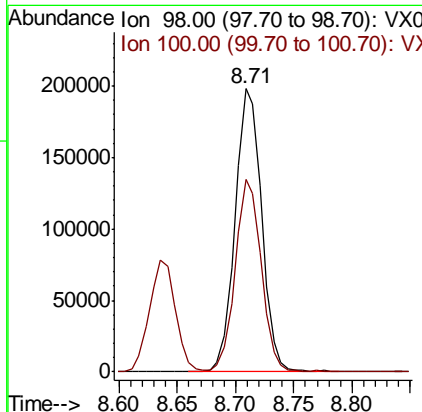
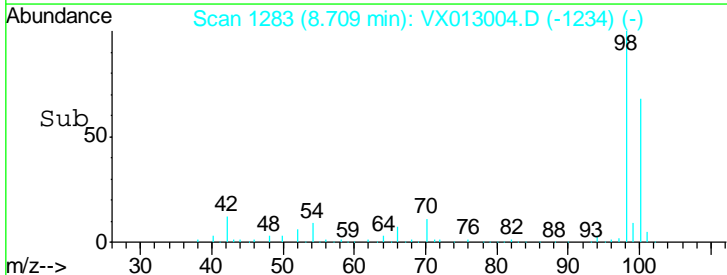


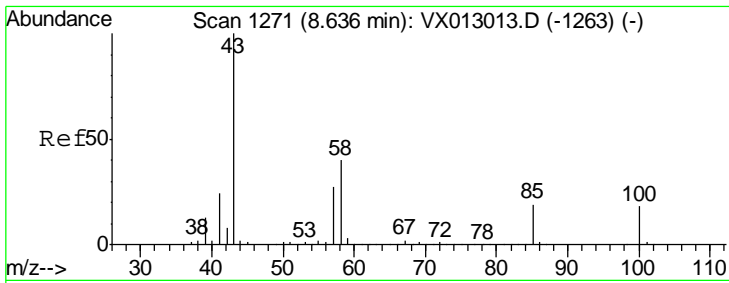
#50  
 Toluene-d8  
 Concen: 52.220 ug/l  
 RT: 8.71 min Scan# 1283  
 Delta R.T. -0.00 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26



Tgt Ion: 98 Resp: 314290

Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.4	80.2



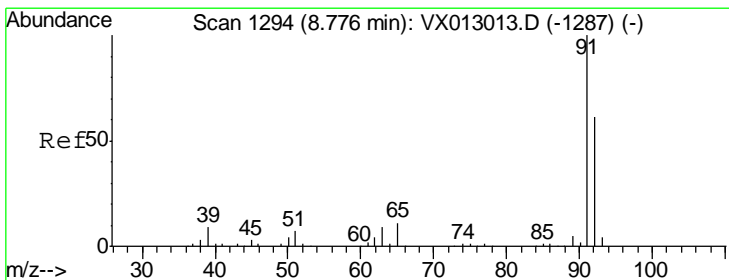
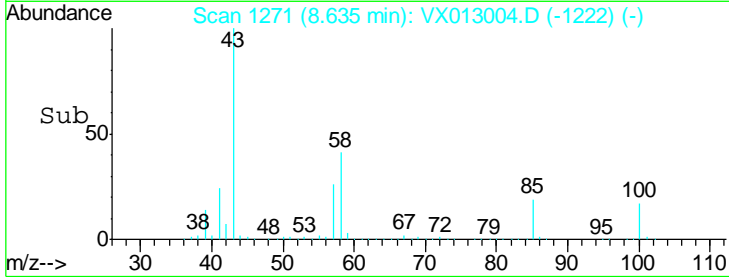
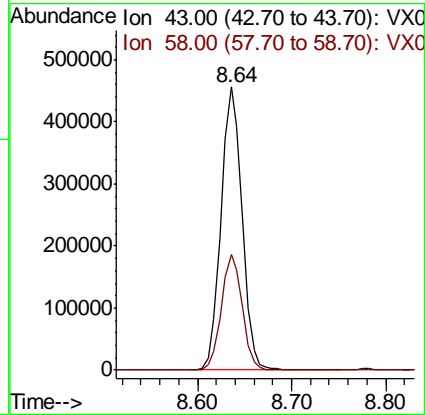
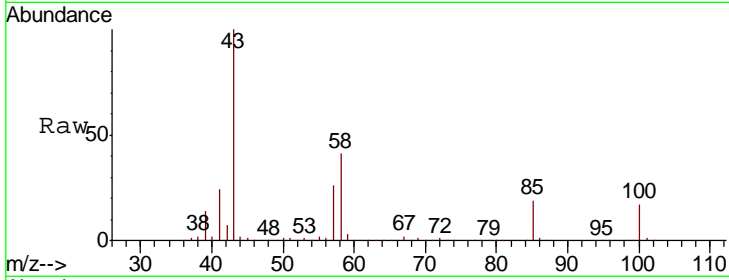


#51  
 4-Methyl-2-Pentanone  
 Concen: 267.349 ug/l  
 RT: 8.64 min Scan# 1271  
 Delta R.T. -0.00 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

**Instrument :**  
 MSVOA\_X  
**ClientSampled :**  
 S49-0555MS

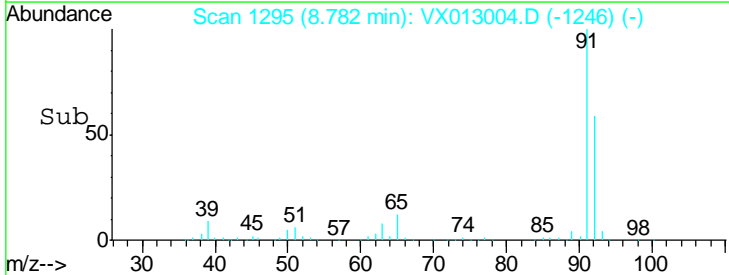
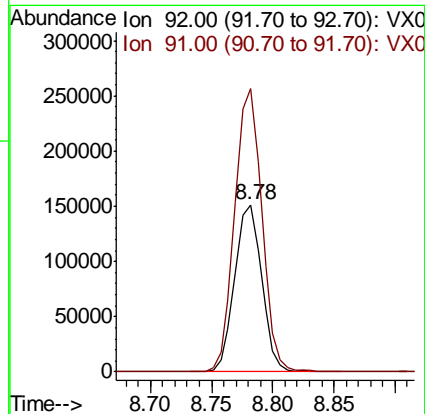
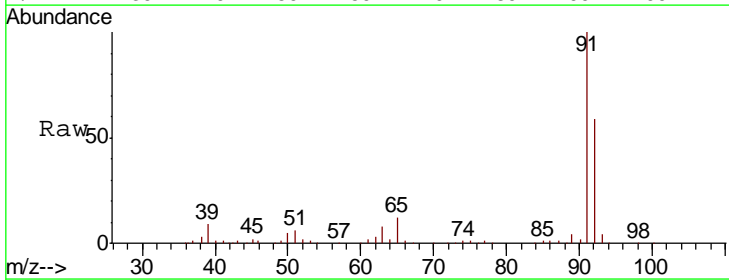
Tgt Ion: 43 Resp: 707170  
 Ion Ratio Lower Upper  
 43 100  
 58 40.4 32.4 48.6

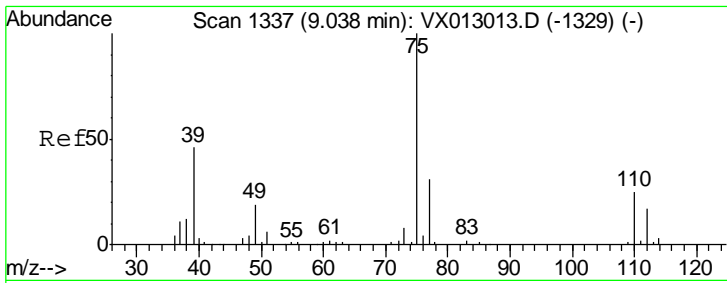
**Manual Integrations**  
**APPROVED**  
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 10/14/2019 1:05:23 PM



#52  
 Toluene  
 Concen: 51.881 ug/l  
 RT: 8.78 min Scan# 1295  
 Delta R.T. -0.00 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

Tgt Ion: 92 Resp: 231734  
 Ion Ratio Lower Upper  
 92 100  
 91 171.0 135.9 203.9





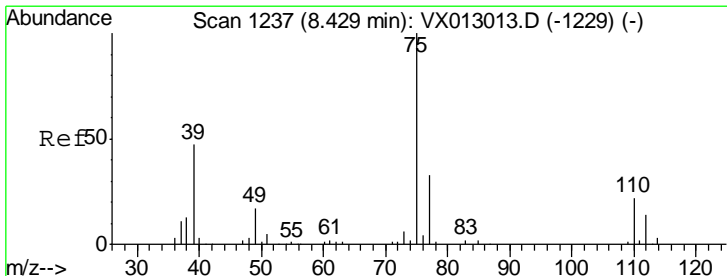
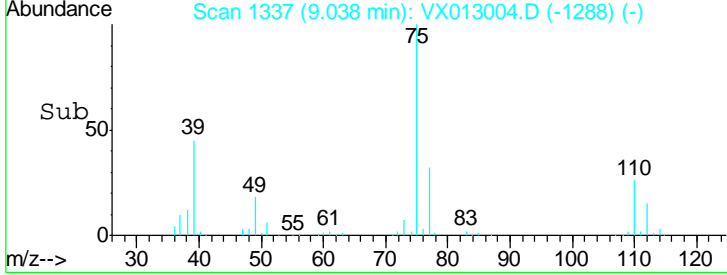
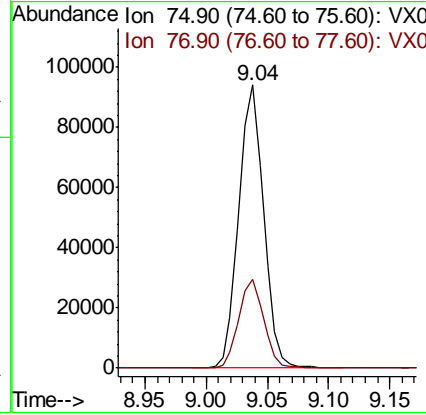
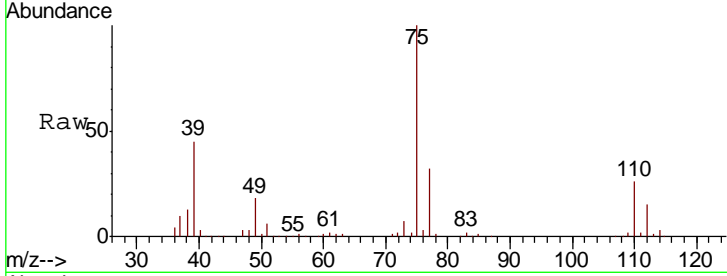
#53  
 t-1,3-Dichloropropene  
 Concen: 45.914 ug/l  
 RT: 9.04 min Scan# 1337  
 Delta R.T. -0.00 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

**Instrument :**  
 MSVOA\_X  
**ClientSampled :**  
 S49-0555MS

Tgt Ion: 75 Resp: 132033

Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.8	38.6

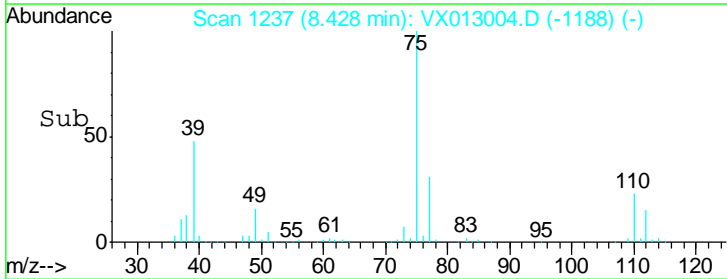
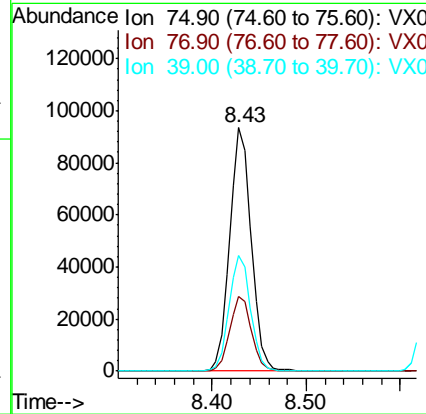
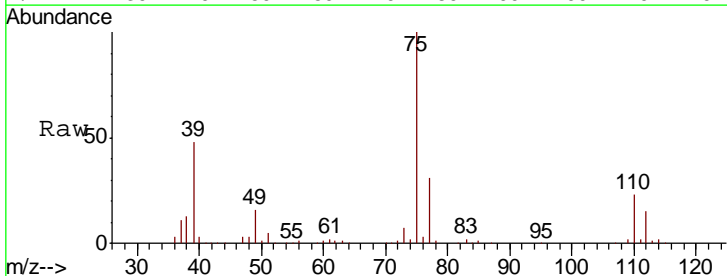
**Manual Integrations**  
**APPROVED**  
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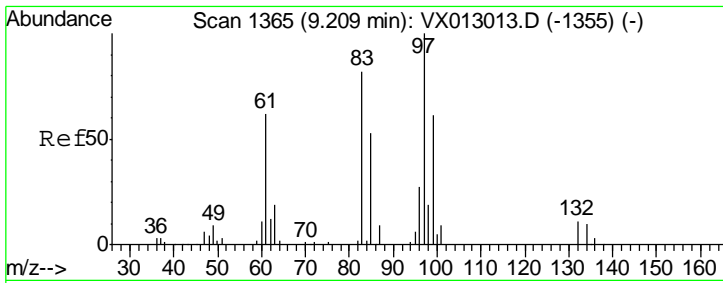


#54  
 cis-1,3-Dichloropropene  
 Concen: 51.988 ug/l  
 RT: 8.43 min Scan# 1237  
 Delta R.T. -0.00 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

Tgt Ion: 75 Resp: 147934

Ion	Ratio	Lower	Upper
75	100		
77	30.6	25.8	38.8
39	47.6	38.2	57.2



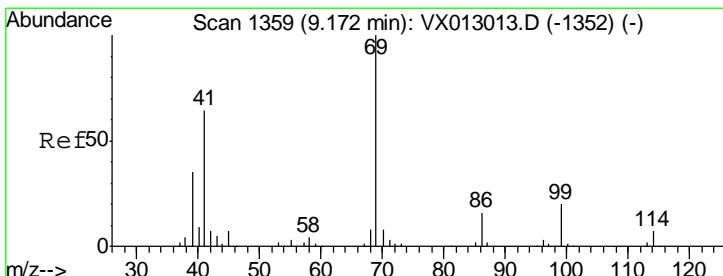
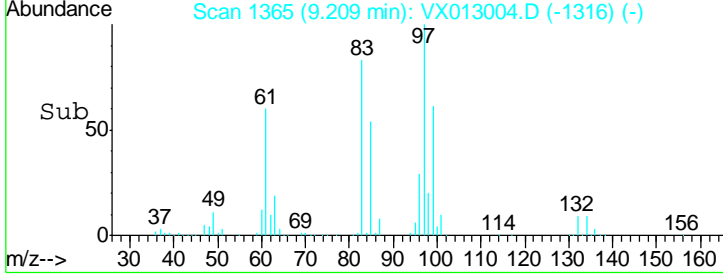
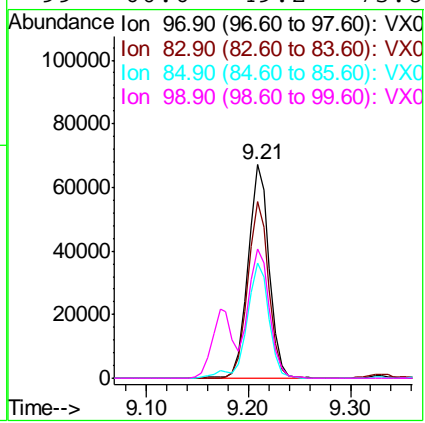
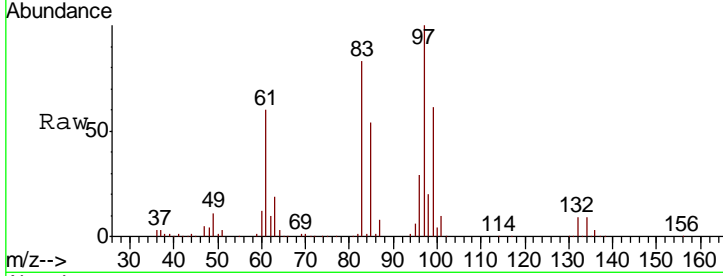


#55  
 1,1,2-Trichloroethane  
 Concen: 54.764 ug/l  
 RT: 9.21 min Scan# 1365  
 Delta R.T. -0.00 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

**Instrument :**  
 MSVOA\_X  
**ClientSampled :**  
 S49-0555MS

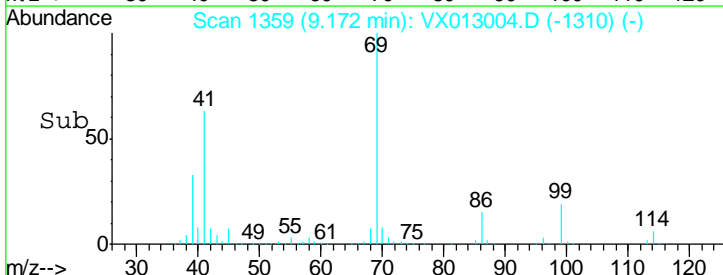
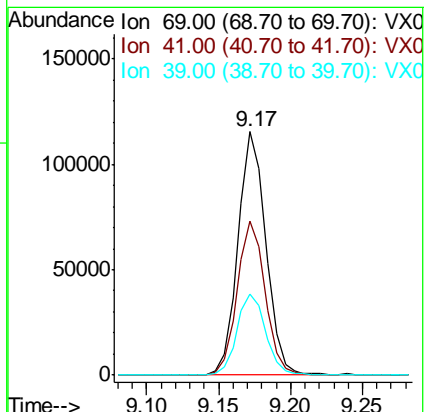
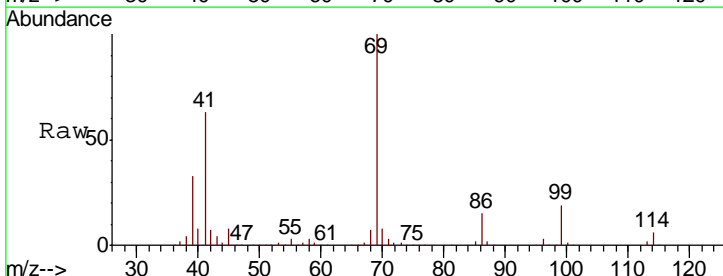
Tgt Ion	Resp	Lower	Upper
97	100		
83	82.5	66.5	99.7
85	53.7	43.1	64.7
99	60.6	49.2	73.8

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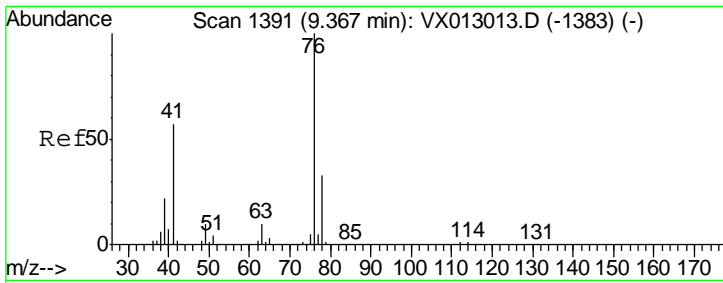


#56  
 Ethyl methacrylate  
 Concen: 49.279 ug/l  
 RT: 9.17 min Scan# 1359  
 Delta R.T. -0.00 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

Tgt Ion	Resp	Lower	Upper
69	100		
41	63.9	52.1	78.1
39	34.2	27.8	41.8





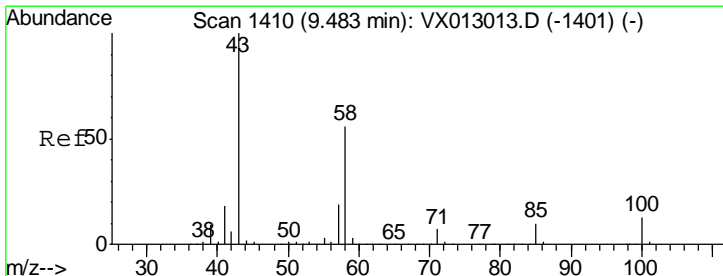
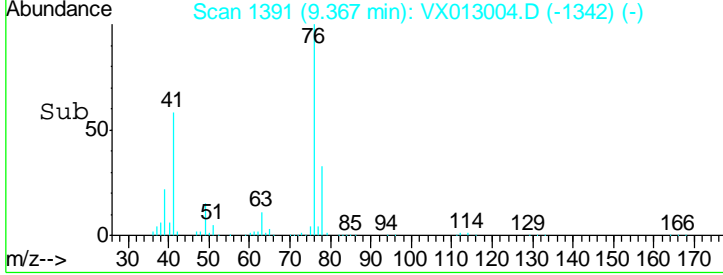
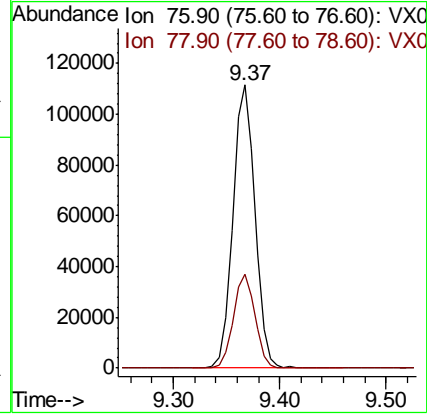
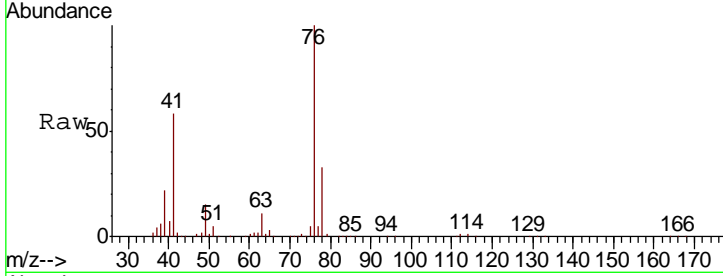


#57  
 1,3-Dichloropropane  
 Concen: 52.995 ug/l  
 RT: 9.37 min Scan# 1391  
 Delta R.T. -0.00 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

**Instrument :**  
 MSVOA\_X  
**ClientSampled :**  
 S49-0555MS

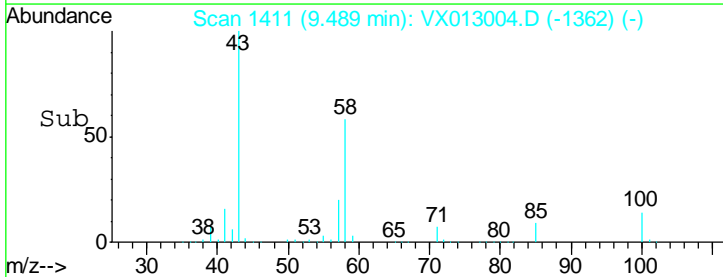
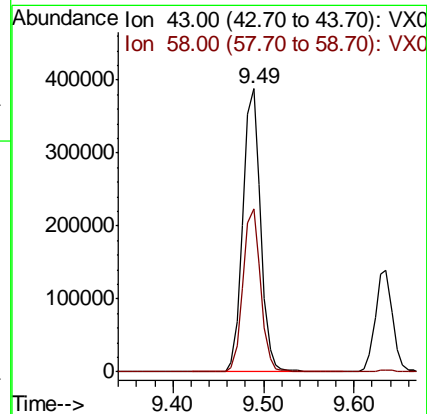
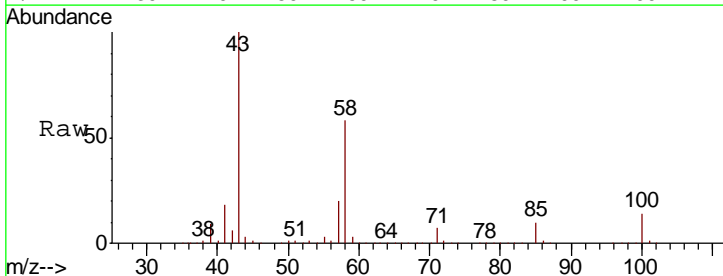
Tgt Ion	Resp	Lower	Upper
76	162042		
76	100		
78	32.6	26.1	39.1

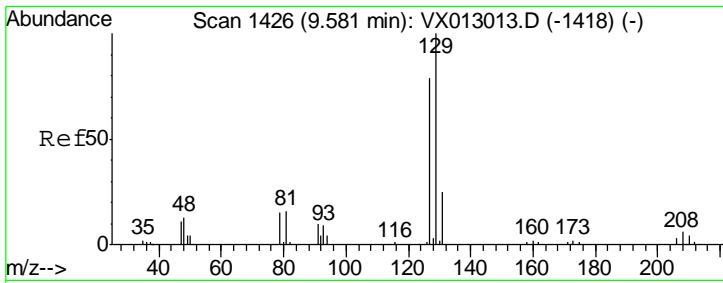
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
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#59  
 2-Hexanone  
 Concen: 255.665 ug/l  
 RT: 9.49 min Scan# 1411  
 Delta R.T. -0.00 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

Tgt Ion	Resp	Lower	Upper
43	526429		
43	100		
58	57.3	28.1	84.3





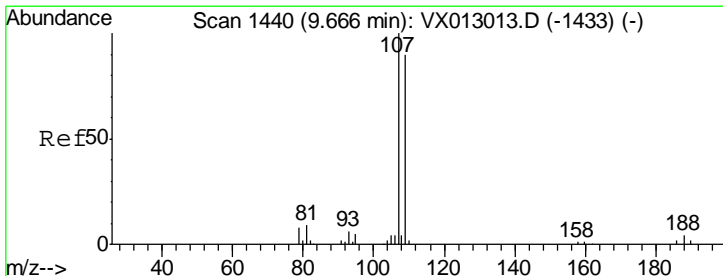
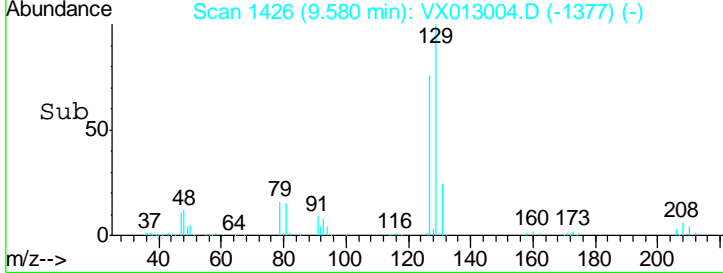
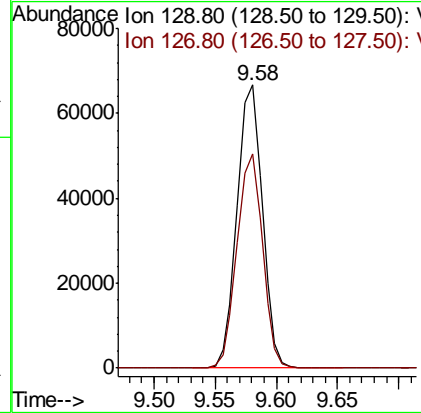
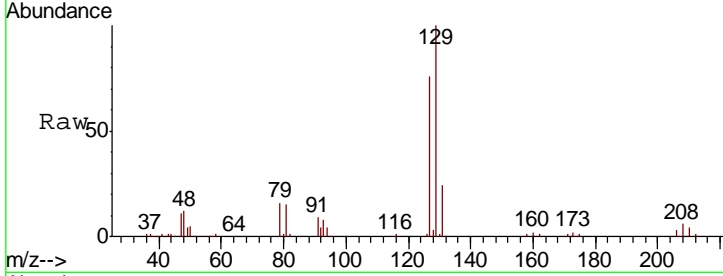
#60  
 Dibromochloromethane  
 Concen: 48.616 ug/l  
 RT: 9.58 min Scan# 1426  
 Delta R.T. 0.00 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

**Instrument :**  
 MSVOA\_X  
**ClientSampled :**  
 S49-0555MS

Tgt Ion	Resp	Lower	Upper
129	100		
127	76.3	38.9	116.7

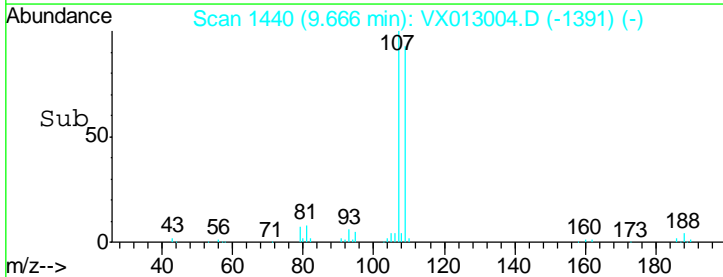
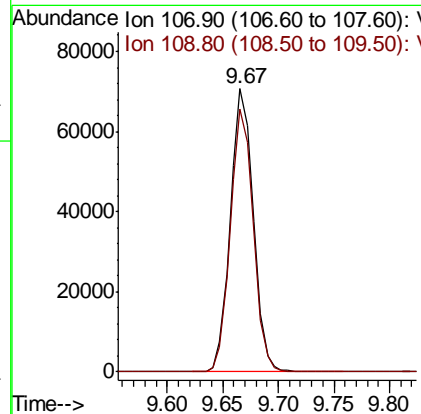
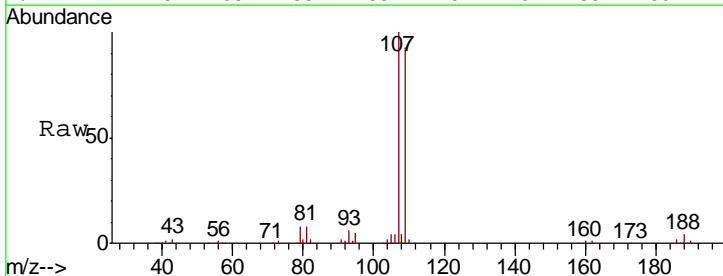
**Manual Integrations**  
**APPROVED**

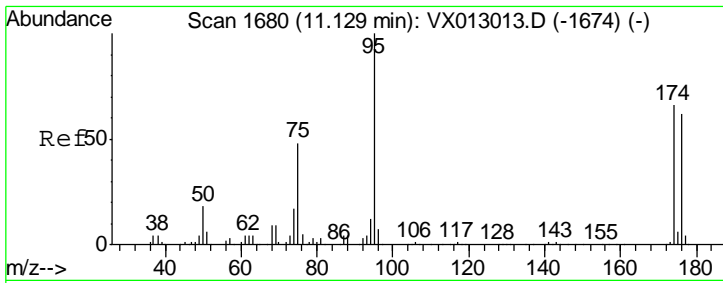
MMDadoda  
 10/14/2019 1:05:23 PM



#61  
 1,2-Dibromoethane  
 Concen: 54.252 ug/l  
 RT: 9.67 min Scan# 1440  
 Delta R.T. -0.00 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

Tgt Ion	Resp	Lower	Upper
107	100		
109	92.8	75.8	113.6



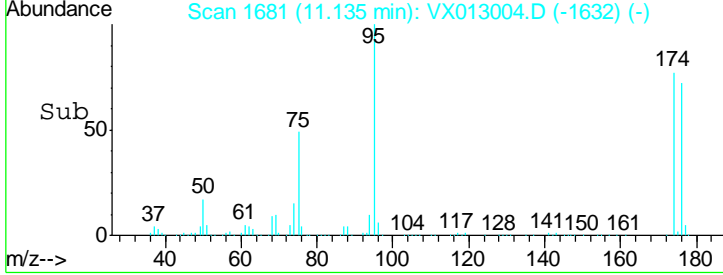
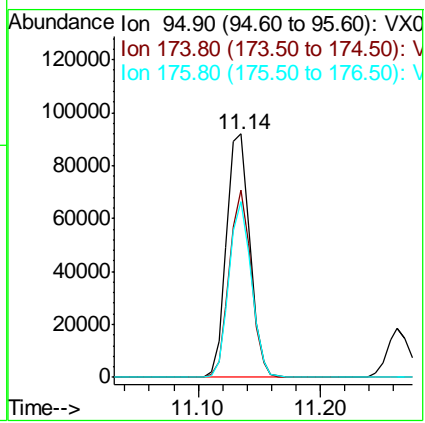
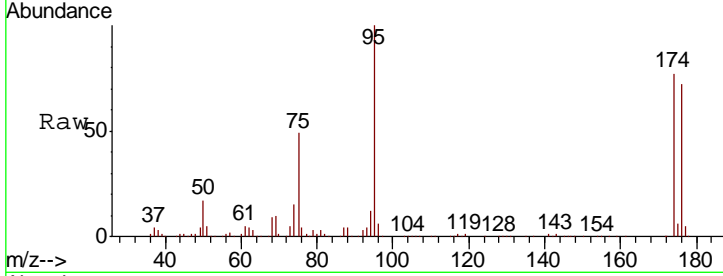


#62  
 4-Bromofluorobenzene  
 Concen: 51.965 ug/l  
 RT: 11.14 min Scan# 1681  
 Delta R.T. -0.00 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

Instrument : MSVOA\_X  
 Client Sampled : S49-0555MS

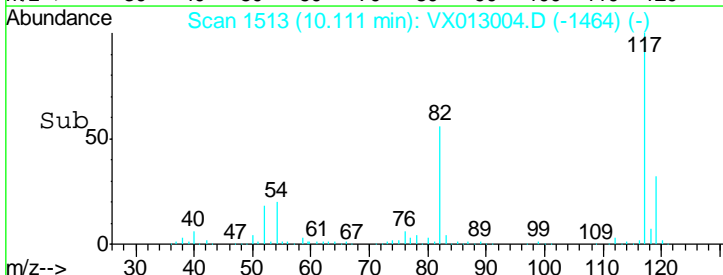
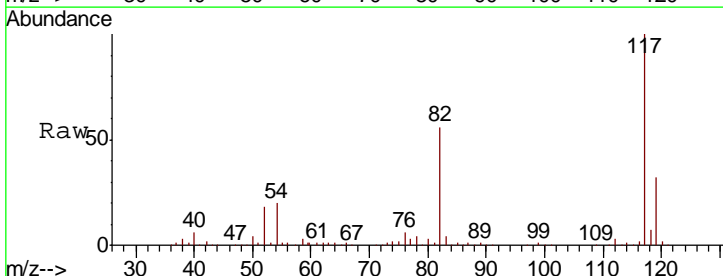
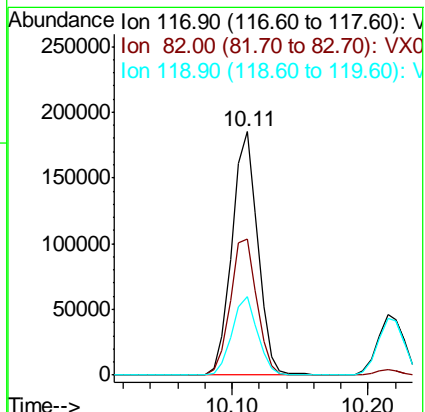
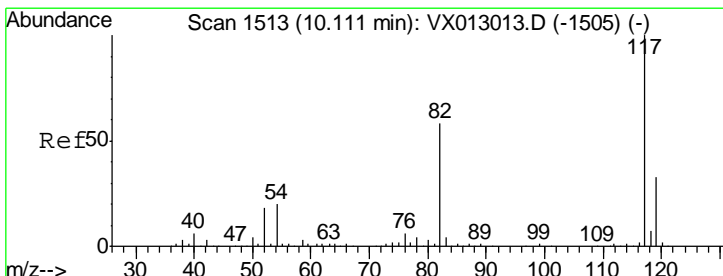
Tgt Ion	Resp	Lower	Upper
95	121525		
95	100		
174	71.8	0.0	143.4
176	69.0	0.0	136.0

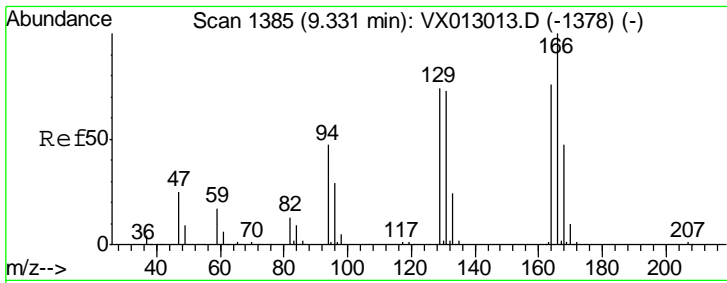
Manual Integrations  
**APPROVED**  
 MMDadoda  
 10/14/2019 1:05:23 PM



#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 10.11 min Scan# 1513  
 Delta R.T. -0.00 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

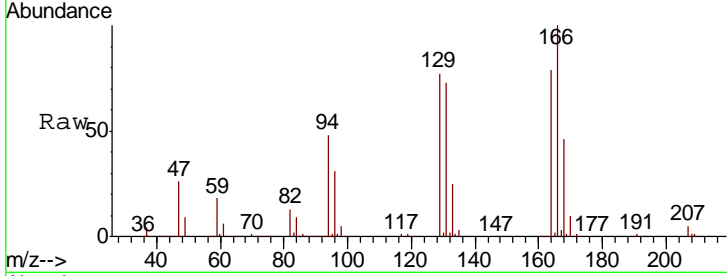
Tgt Ion	Resp	Lower	Upper
117	244172		
117	100		
82	55.7	44.1	66.1
119	32.2	25.8	38.8





#64  
 Tetrachloroethene  
 Concen: 52.009 ug/l  
 RT: 9.33 min Scan# 1385  
 Delta R.T. -0.00 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

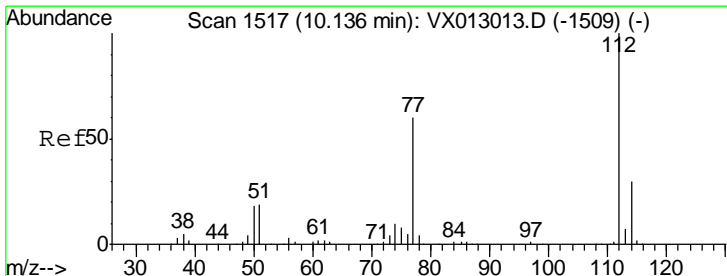
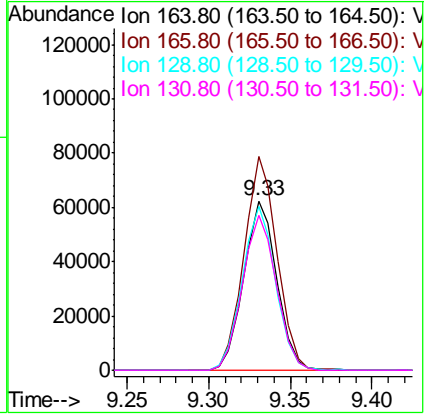
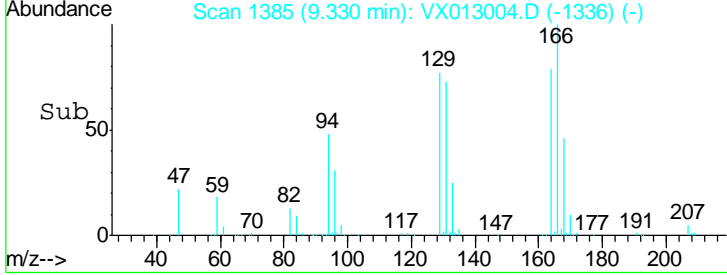
Instrument : MSVOA\_X  
 ClientSampleId : S49-0555MS



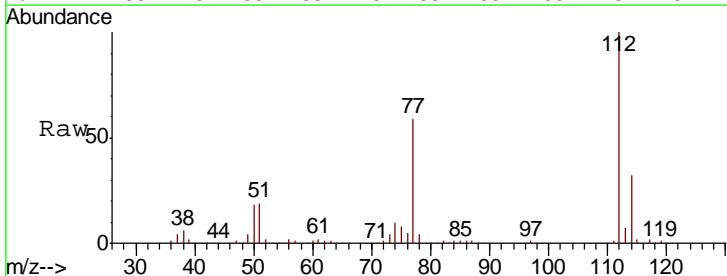
Tgt Ion: 164 Resp: 88081

Ion	Ratio	Lower	Upper
164	100		
166	126.3	96.9	145.3
129	97.2	77.9	116.9
131	91.9	72.7	109.1

Manual Integrations  
**APPROVED**  
 MMDadoda  
 10/14/2019 1:05:23 PM

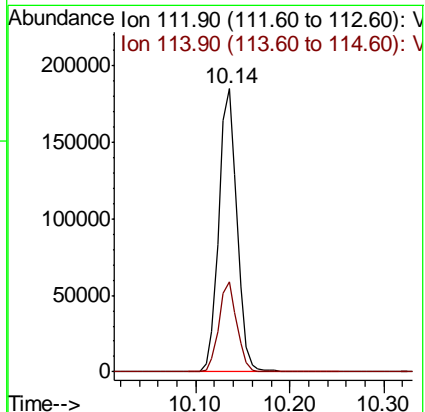
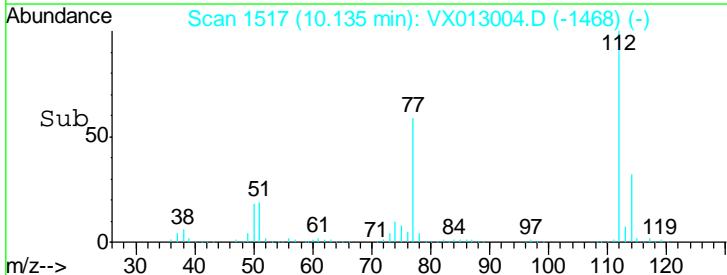


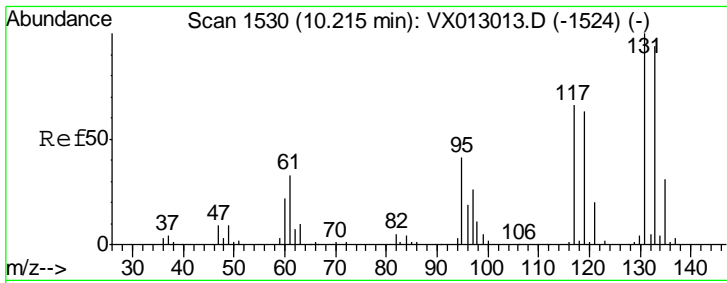
#65  
 Chlorobenzene  
 Concen: 51.013 ug/l  
 RT: 10.14 min Scan# 1517  
 Delta R.T. -0.00 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26



Tgt Ion: 112 Resp: 247356

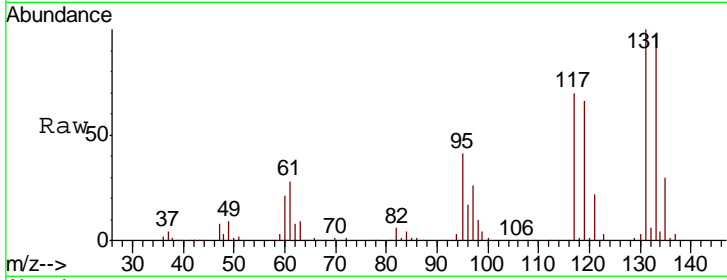
Ion	Ratio	Lower	Upper
112	100		
114	31.8	25.7	38.5





#66  
 1,1,1,2-Tetrachloroethane  
 Concen: 53.959 ug/l  
 RT: 10.21 min Scan# 1530  
 Delta R.T. -0.00 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

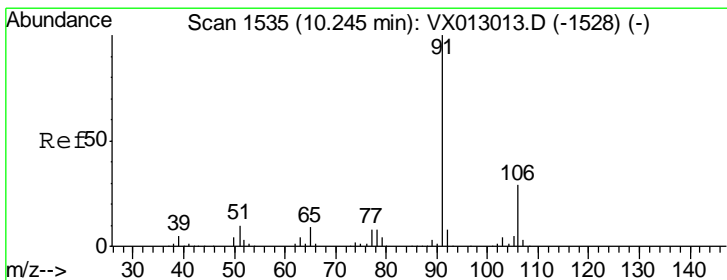
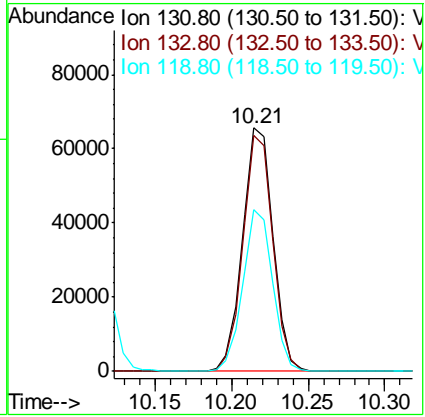
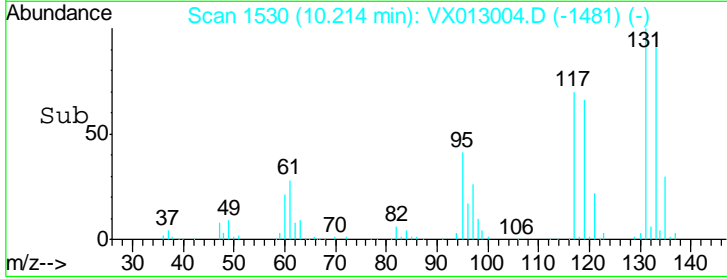
**Instrument :**  
 MSVOA\_X  
**ClientSampled :**  
 S49-0555MS



Tgt Ion: 131 Resp: 90717

Ion	Ratio	Lower	Upper
131	100		
133	94.8	47.2	141.6
119	64.9	32.6	98.0

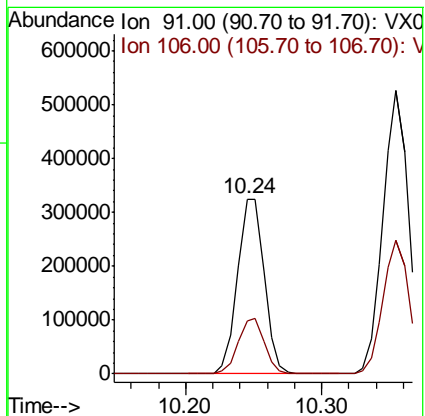
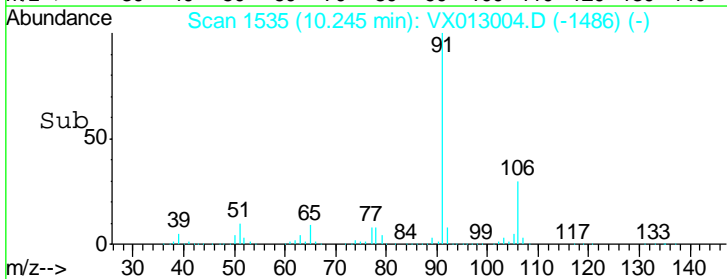
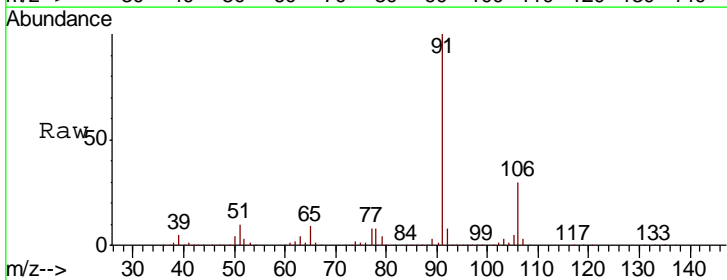
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
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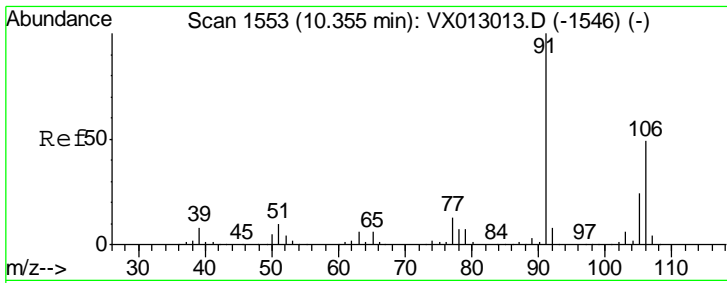


#67  
 Ethyl Benzene  
 Concen: 51.875 ug/l  
 RT: 10.24 min Scan# 1535  
 Delta R.T. -0.00 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

Tgt Ion: 91 Resp: 446803

Ion	Ratio	Lower	Upper
91	100		
106	30.4	23.9	35.9





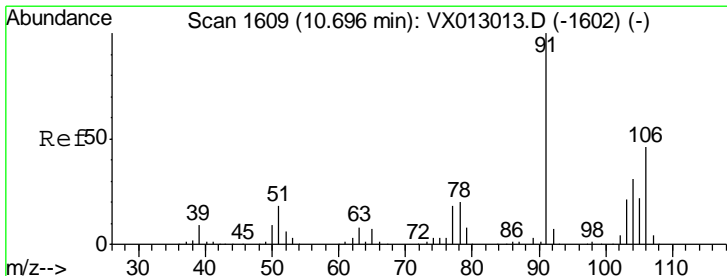
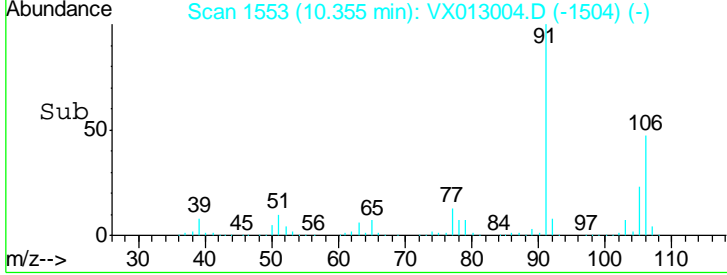
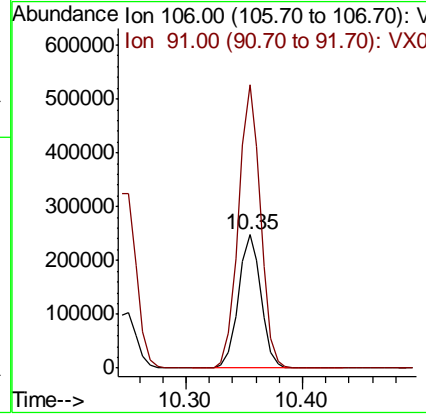
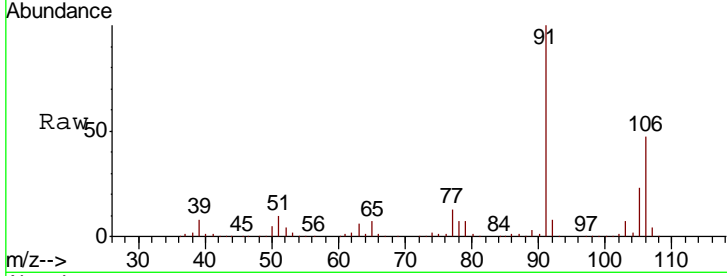
#68  
 m/p-Xylenes  
 Concen: 103.237 ug/l  
 RT: 10.35 min Scan# 1553  
 Delta R.T. -0.00 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

Instrument : MSVOA\_X  
 ClientSampled : S49-0555MS

Tgt Ion	Resp	Lower	Upper
106	100		
91	209.0	165.3	247.9

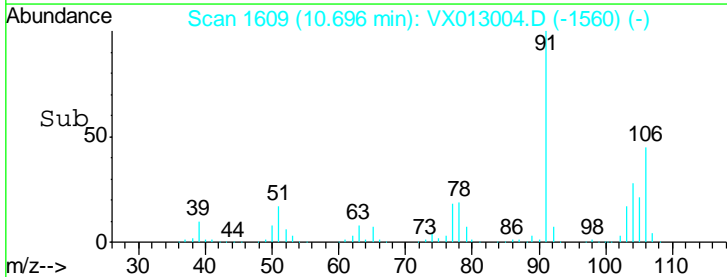
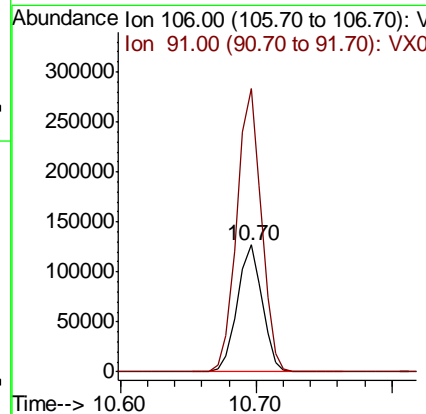
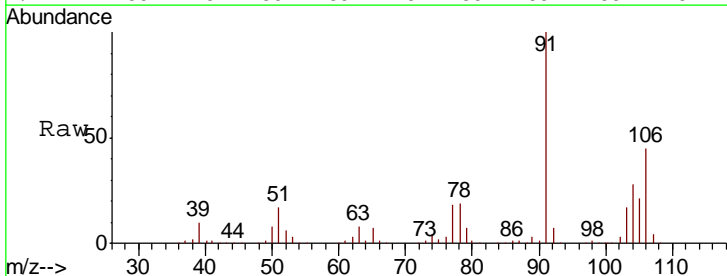
Manual Integrations  
 APPROVED

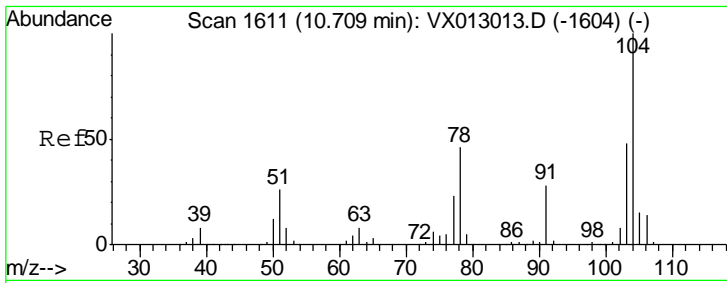
MMDadoda  
 10/14/2019 1:05:23 PM



#69  
 o-Xylene  
 Concen: 51.533 ug/l  
 RT: 10.70 min Scan# 1609  
 Delta R.T. -0.00 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

Tgt Ion	Resp	Lower	Upper
106	100		
91	220.3	109.1	327.3





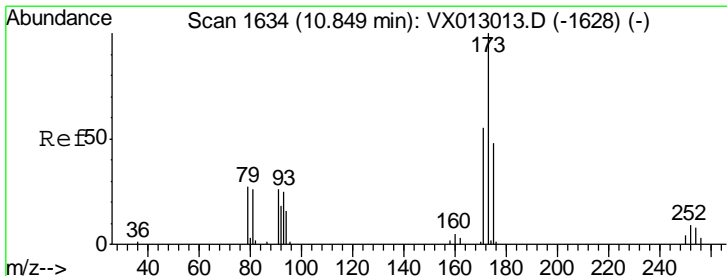
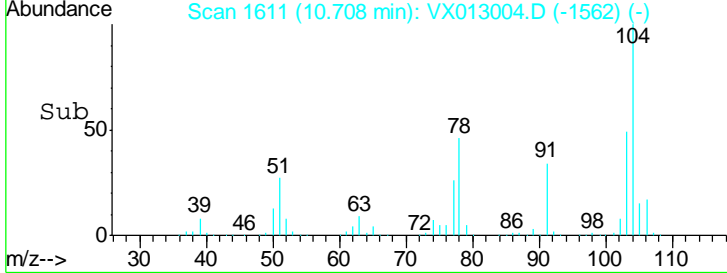
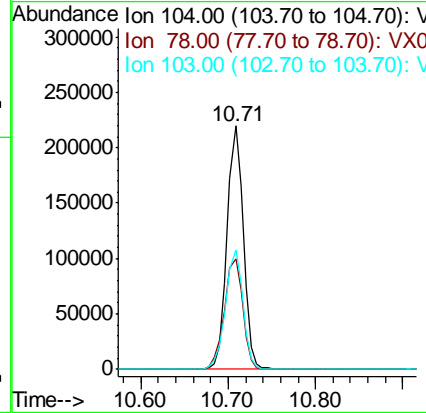
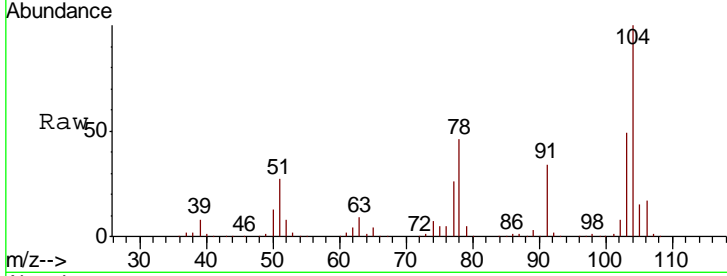
#70  
 Styrene  
 Concen: 52.640 ug/l  
 RT: 10.71 min Scan# 1611  
 Delta R.T. -0.00 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

Instrument : MSVOA\_X  
 Client Sampled : S49-0555MS

Tgt Ion	Resp	Lower	Upper
104	100		
78	51.8	41.2	61.8
103	52.7	43.0	64.4

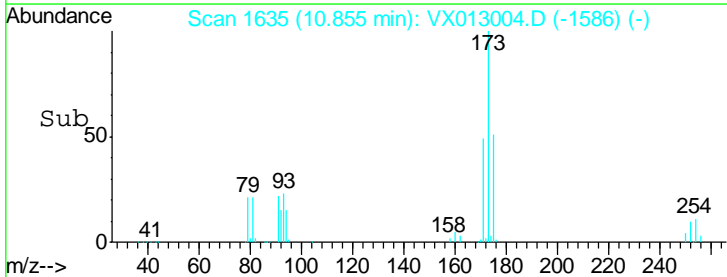
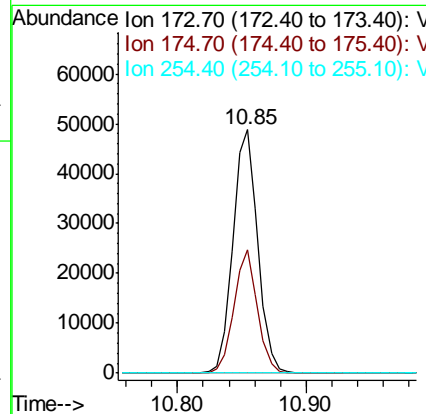
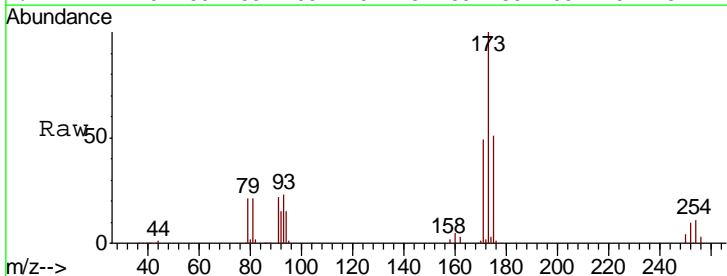
Manual Integrations  
 APPROVED

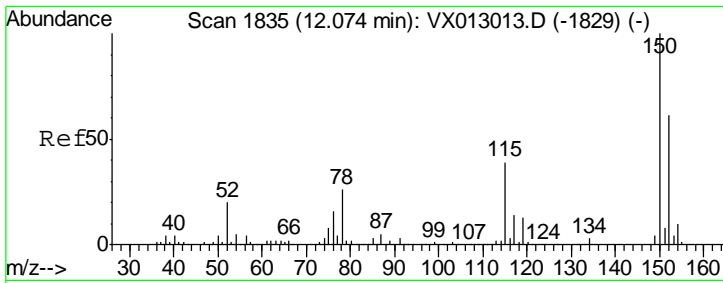
MMDadoda  
 10/14/2019 1:05:23 PM



#71  
 Bromoform  
 Concen: 46.033 ug/l  
 RT: 10.85 min Scan# 1635  
 Delta R.T. 0.00 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

Tgt Ion	Resp	Lower	Upper
173	100		
175	47.9	24.1	72.3
254	0.0	0.1	0.1#



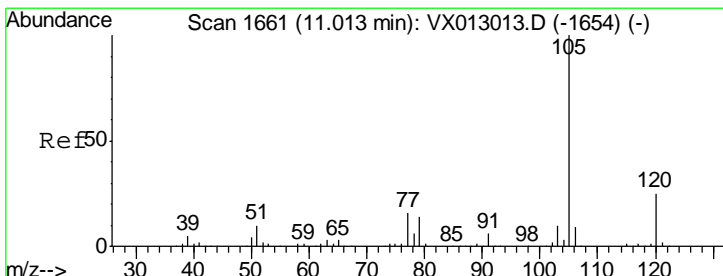
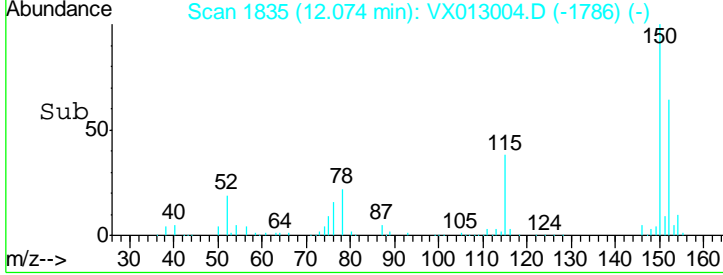
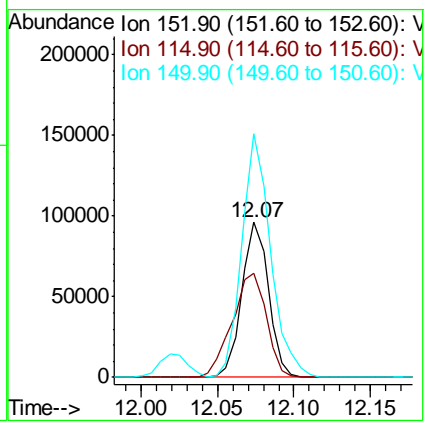
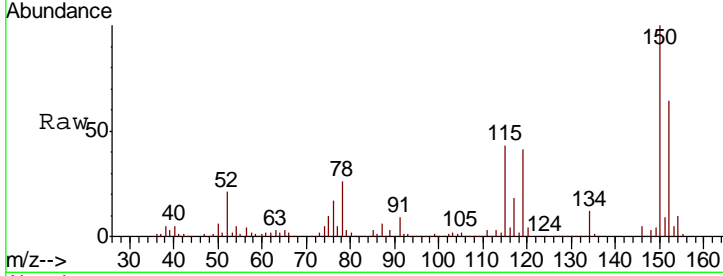


#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.07 min Scan# 1835  
 Delta R.T. -0.00 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

Instrument : MSVOA\_X  
 ClientSampled : S49-0555MS

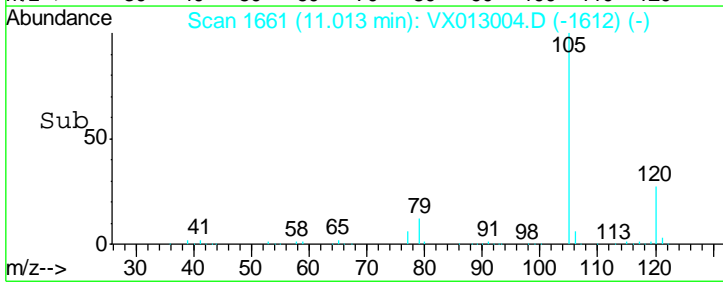
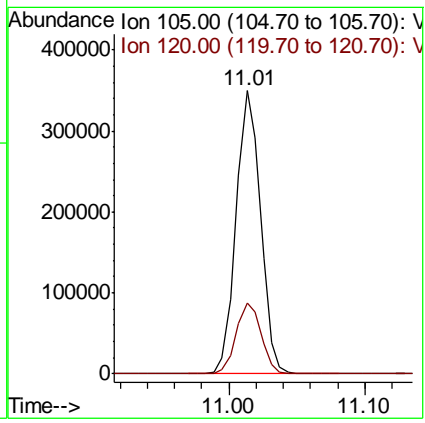
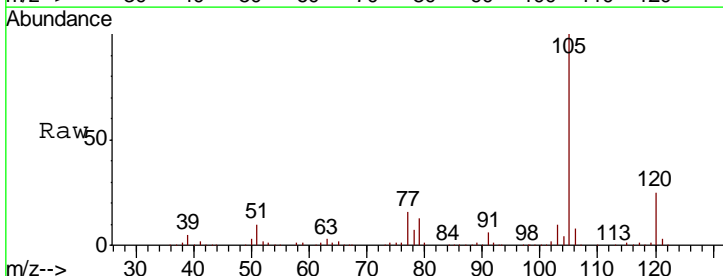
Tgt Ion	Resp	Lower	Upper
152	100		
115	86.2	44.5	133.5
150	170.5	0.0	353.4

Manual Integrations  
**APPROVED**  
 MMDadoda  
 10/14/2019 1:05:23 PM

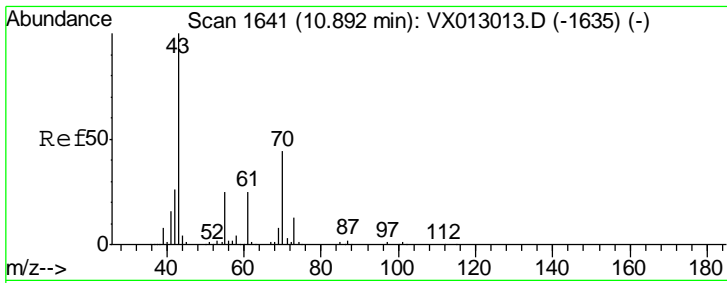


#73  
 Isopropylbenzene  
 Concen: 51.170 ug/l  
 RT: 11.01 min Scan# 1661  
 Delta R.T. -0.00 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

Tgt Ion	Resp	Lower	Upper
105	100		
120	25.6	13.0	39.0

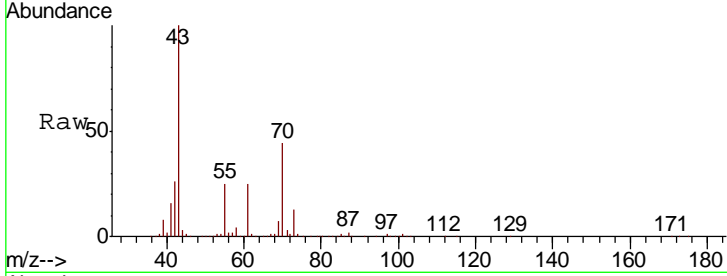






#74  
 N-amyl acetate  
 Concen: 47.203 ug/l  
 RT: 10.89 min Scan# 1641  
 Delta R.T. -0.00 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

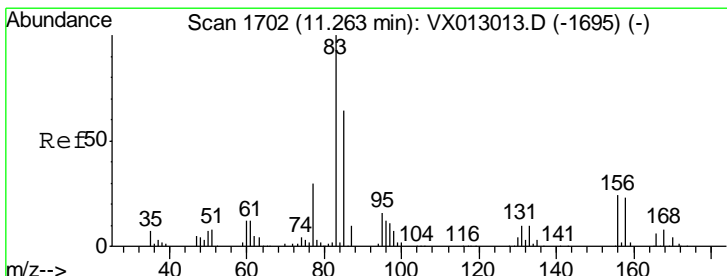
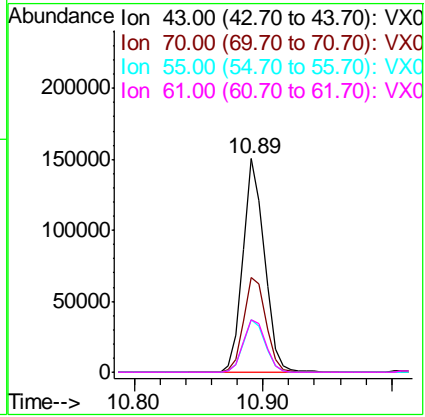
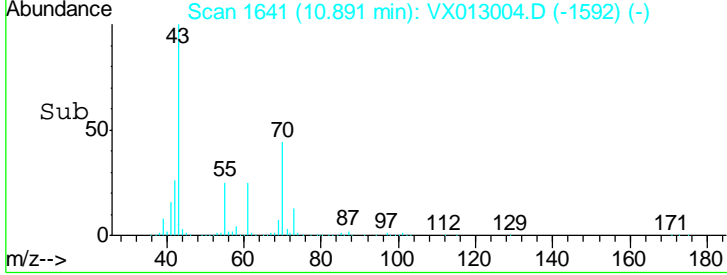
Instrument : MSVOA\_X  
 ClientSampled : S49-0555MS



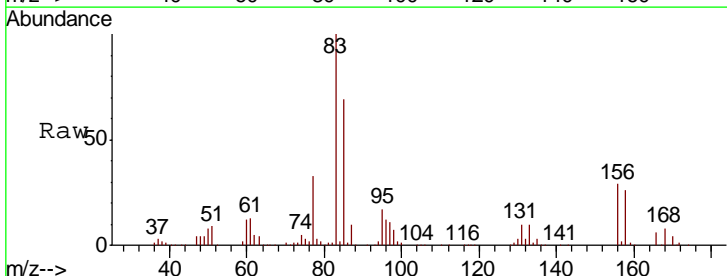
Tgt Ion: 43 Resp: 173454

Ion	Ratio	Lower	Upper
43	100		
70	46.4	36.4	54.6
55	25.5	20.2	30.2
61	25.6	20.5	30.7

Manual Integrations  
**APPROVED**  
 MMDadoda  
 10/14/2019 1:05:23 PM

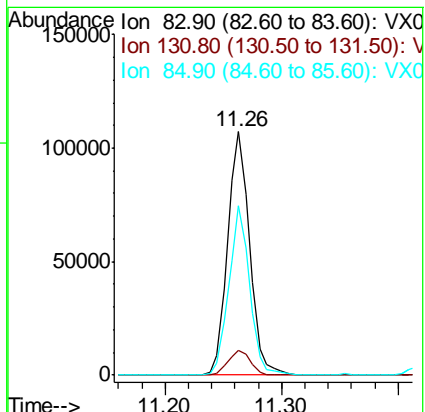
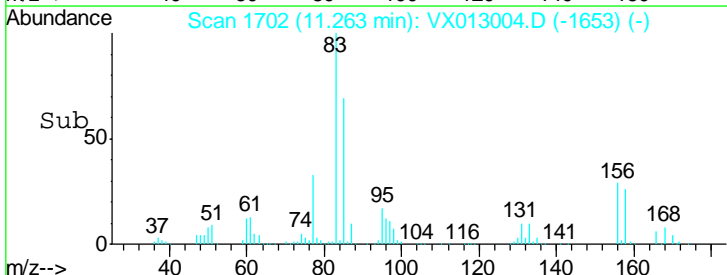


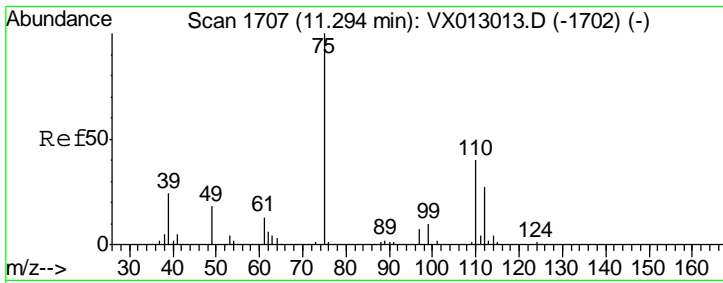
#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 49.465 ug/l  
 RT: 11.26 min Scan# 1702  
 Delta R.T. -0.00 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26



Tgt Ion: 83 Resp: 140374

Ion	Ratio	Lower	Upper
83	100		
131	10.5	5.1	15.3
85	66.0	32.1	96.5



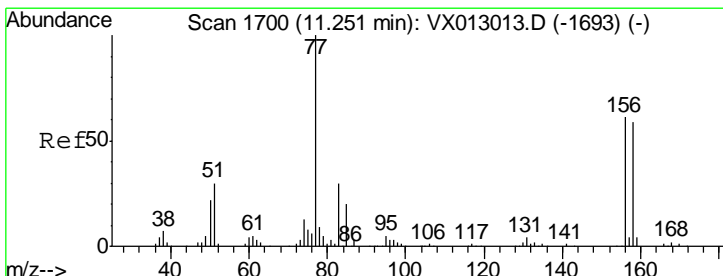
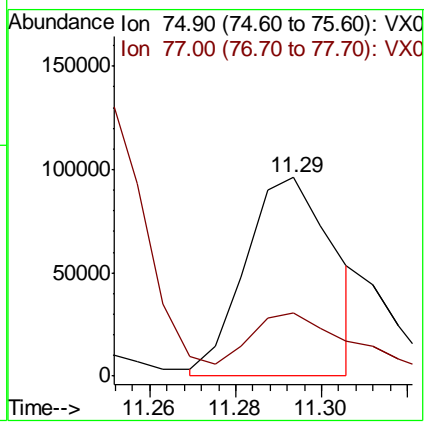
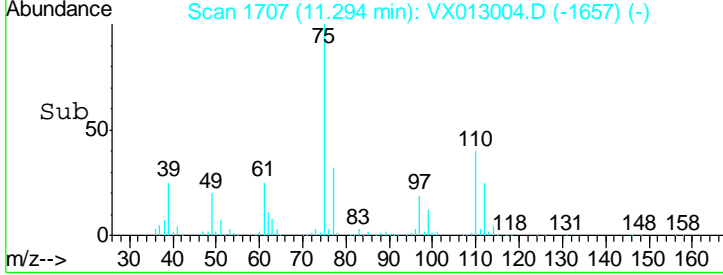
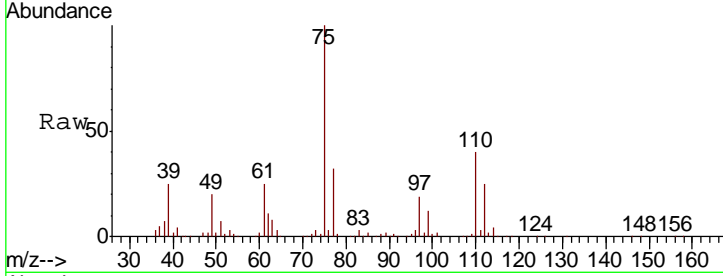


#76  
 1,2,3-Trichloropropane  
 Concen: 53.225 ug/l m  
 RT: 11.29 min Scan# 1707  
 Delta R.T. 0.01 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

Instrument : MSVOA\_X  
 ClientSampled : S49-0555MS

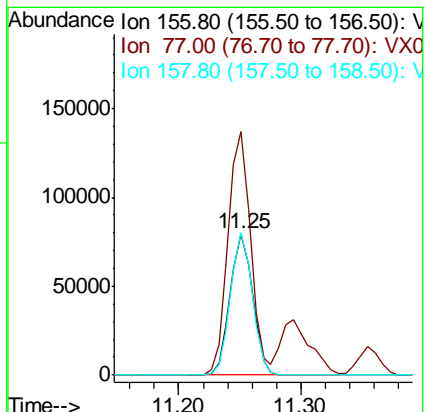
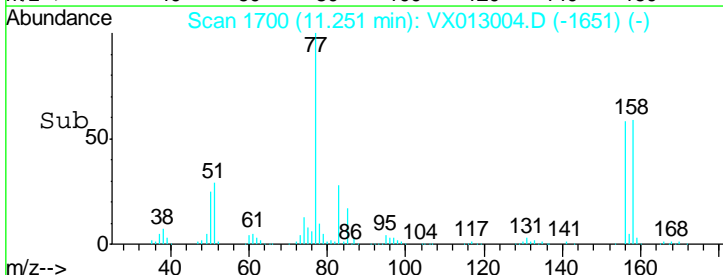
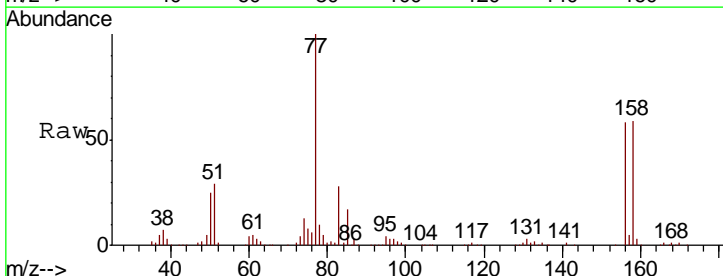
Tgt Ion	Resp	Lower	Upper
75	137001		
77	37.5	22.9	68.8

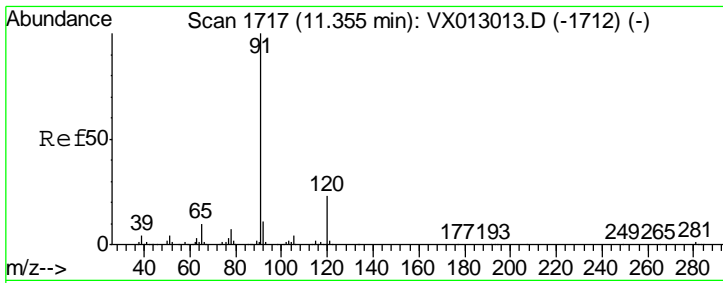
Manual Integrations  
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#77  
 Bromobenzene  
 Concen: 50.455 ug/l  
 RT: 11.25 min Scan# 1700  
 Delta R.T. -0.00 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

Tgt Ion	Resp	Lower	Upper
156	101444		
77	172.9	83.7	251.0
158	97.4	48.6	145.9



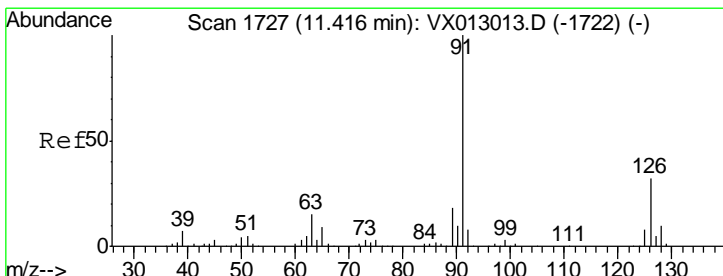
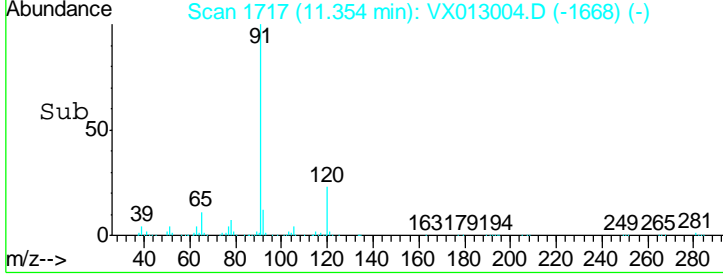
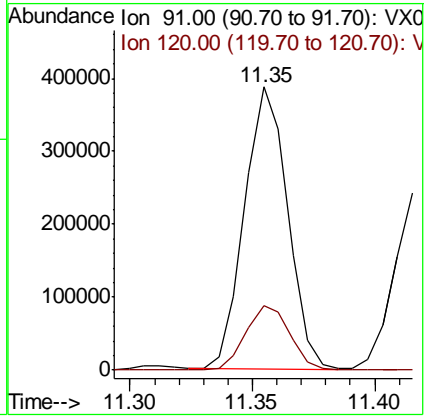
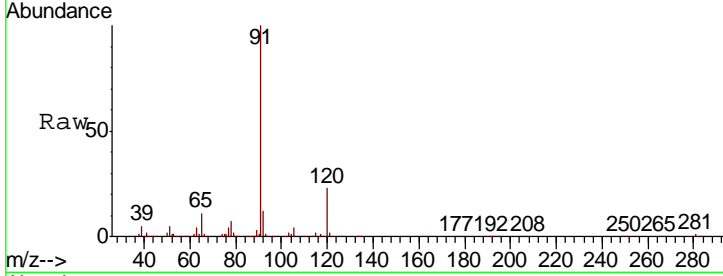


#78  
 n-propylbenzene  
 Concen: 50.718 ug/l  
 RT: 11.35 min Scan# 1717  
 Delta R.T. -0.00 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

Instrument : MSVOA\_X  
 ClientSampled : S49-0555MS

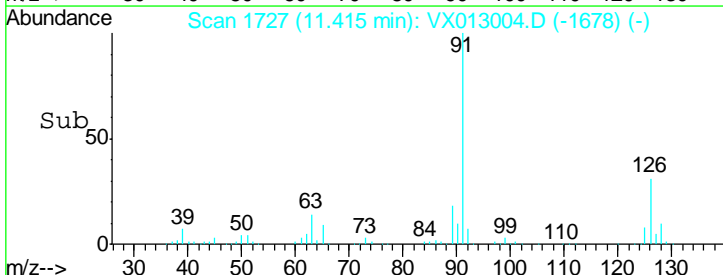
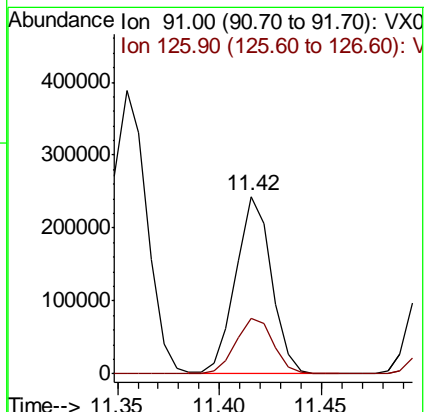
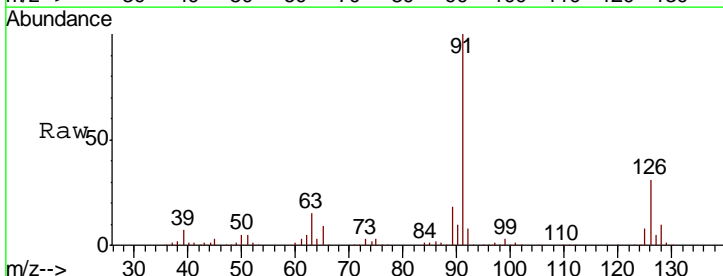
Tgt Ion	Resp	Lower	Upper
91	100		
120	23.3	11.7	35.1

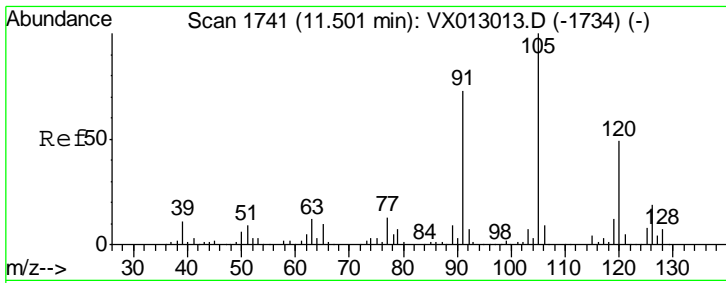
Manual Integrations  
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#79  
 2-Chlorotoluene  
 Concen: 49.994 ug/l  
 RT: 11.42 min Scan# 1727  
 Delta R.T. -0.00 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

Tgt Ion	Resp	Lower	Upper
91	100		
126	33.0	16.3	48.8



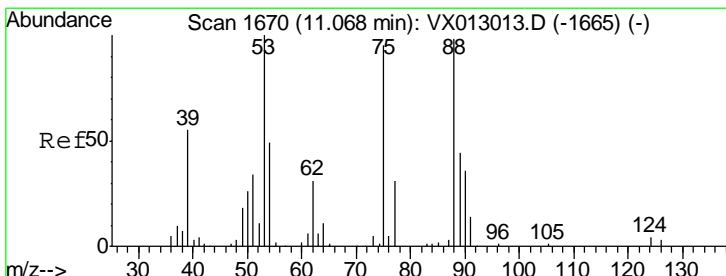
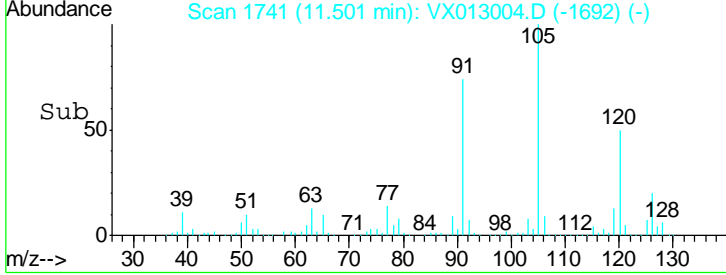
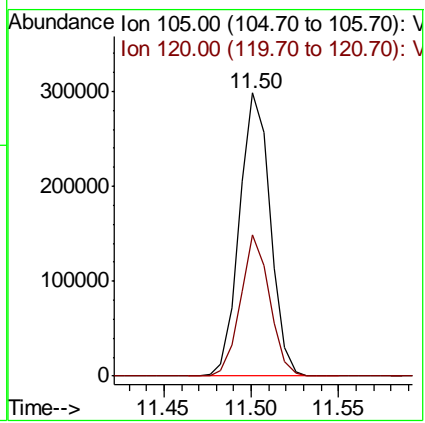
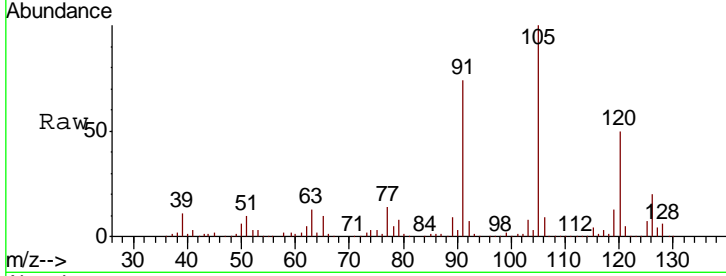


#80  
 1,3,5-Trimethylbenzene  
 Concen: 51.085 ug/l  
 RT: 11.50 min Scan# 1741  
 Delta R.T. -0.00 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

**Instrument :**  
 MSVOA\_X  
**ClientSampled :**  
 S49-0555MS

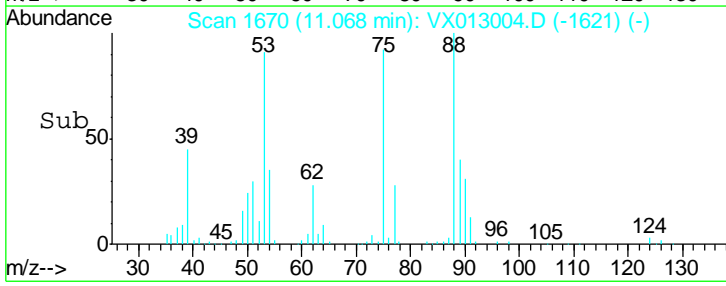
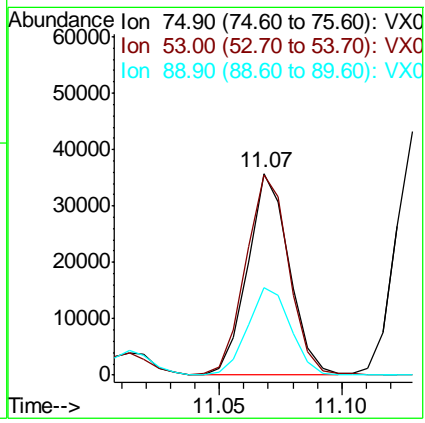
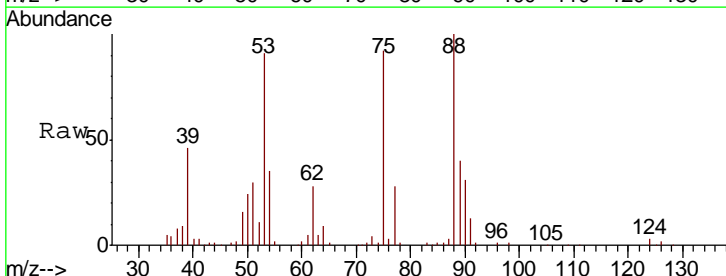
Tgt Ion	Resp	Lower	Upper
105	363948		
105	100		
120	47.3	24.8	74.3

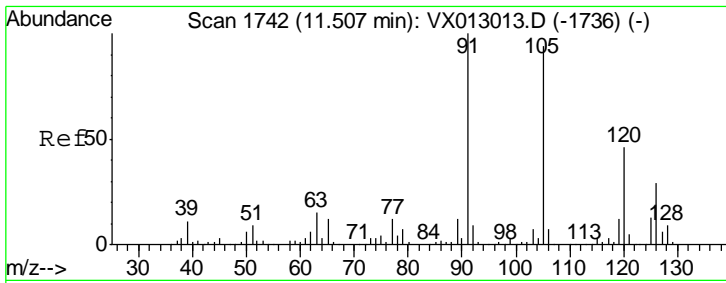
**Manual Integrations**  
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#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 42.775 ug/l  
 RT: 11.07 min Scan# 1670  
 Delta R.T. -0.00 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

Tgt Ion	Resp	Lower	Upper
75	42173		
75	100		
53	104.0	78.5	117.7
89	45.3	37.4	56.2





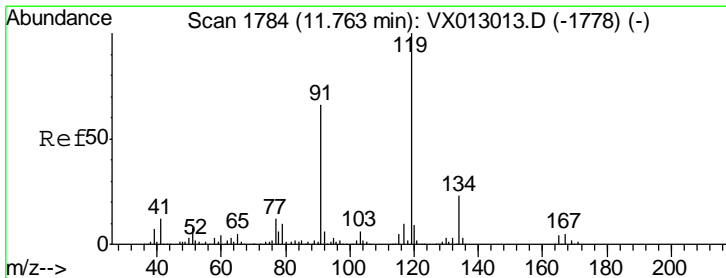
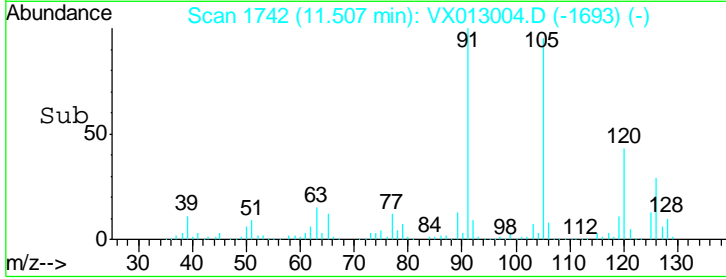
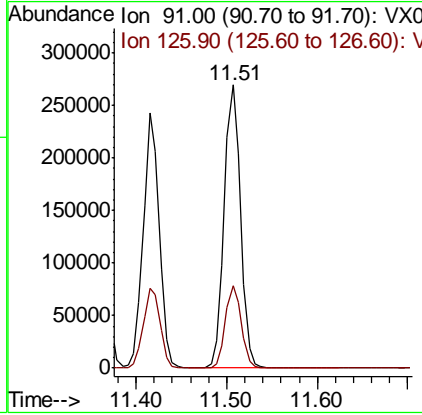
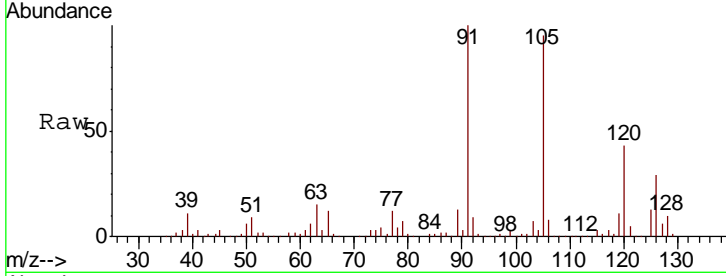
#82  
 4-Chlorotoluene  
 Concen: 50.399 ug/l  
 RT: 11.51 min Scan# 1742  
 Delta R.T. -0.00 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

Instrument : MSVOA\_X  
 ClientSampled : S49-0555MS

Tgt Ion	Resp	Lower	Upper
91	100		
126	28.5	14.2	42.6

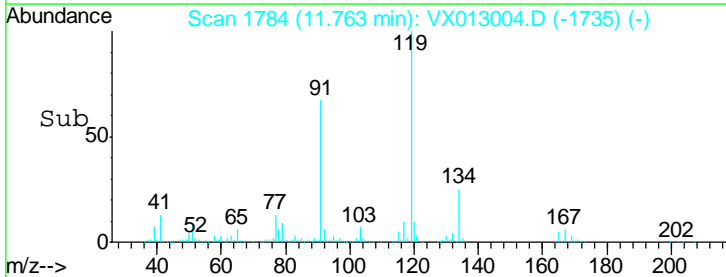
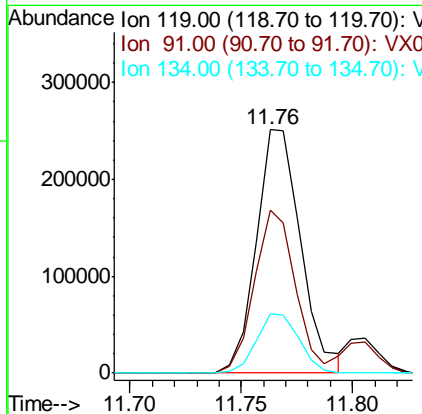
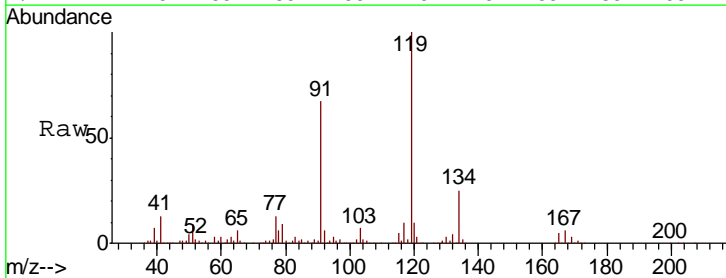
Manual Integrations  
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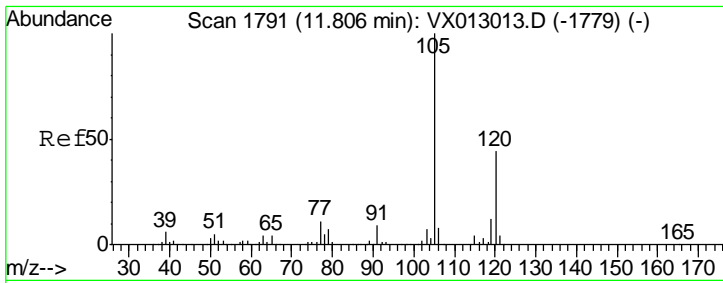
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#83  
 tert-Butylbenzene  
 Concen: 50.201 ug/l  
 RT: 11.76 min Scan# 1784  
 Delta R.T. -0.00 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

Tgt Ion	Resp	Lower	Upper
119	100		
91	61.6	29.3	87.9
134	23.5	11.5	34.4





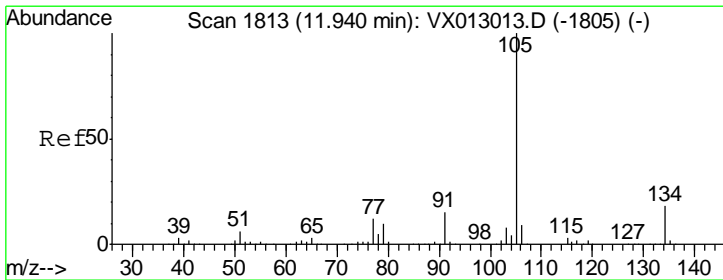
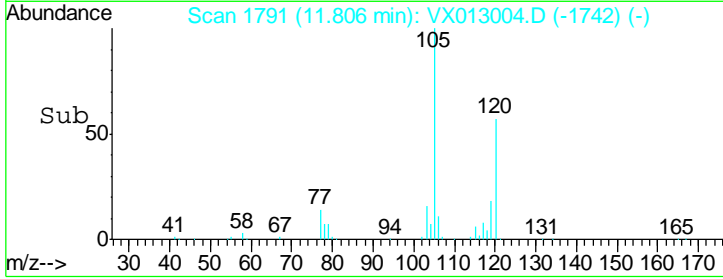
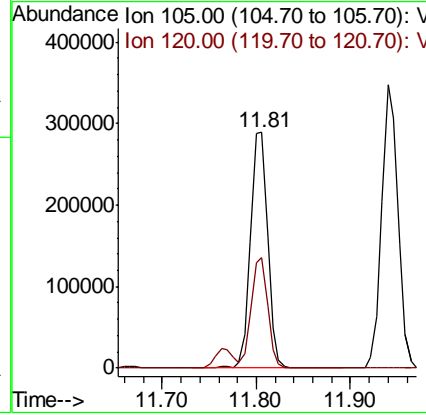
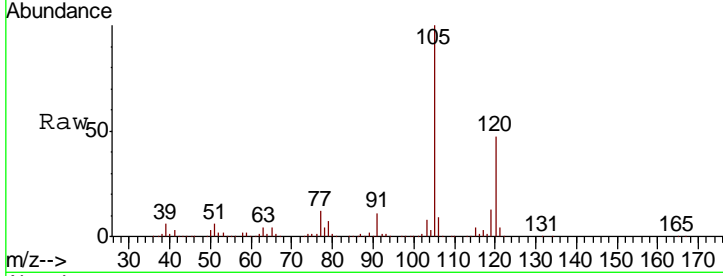
#84  
 1,2,4-Trimethylbenzene  
 Concen: 51.285 ug/l  
 RT: 11.81 min Scan# 1791  
 Delta R.T. -0.00 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

Instrument : MSVOA\_X  
 ClientSampled : S49-0555MS

Tgt Ion	Resp	Lower	Upper
105	100		
120	44.8	21.8	65.3

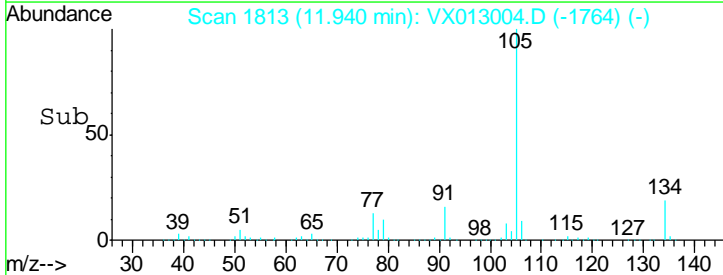
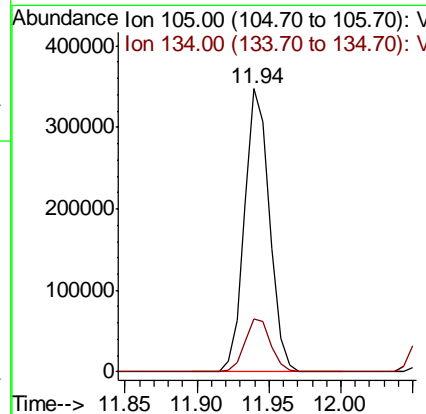
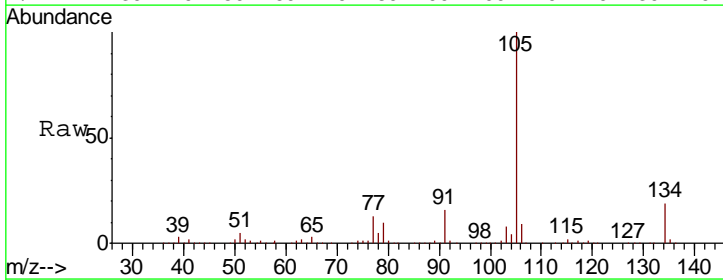
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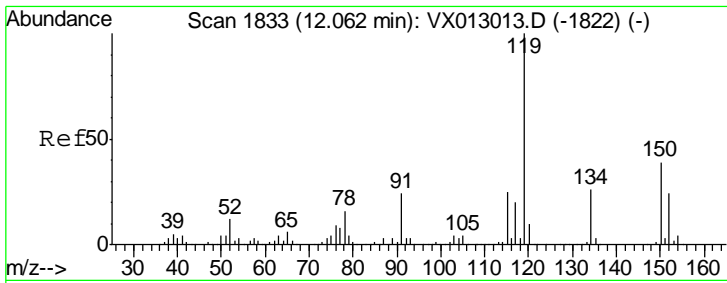
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#85  
 sec-Butylbenzene  
 Concen: 51.791 ug/l  
 RT: 11.94 min Scan# 1813  
 Delta R.T. -0.00 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

Tgt Ion	Resp	Lower	Upper
105	100		
134	19.2	10.0	30.0





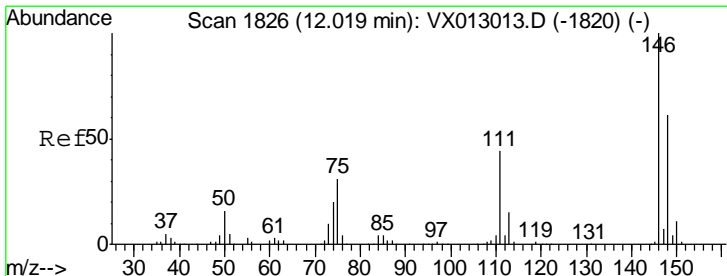
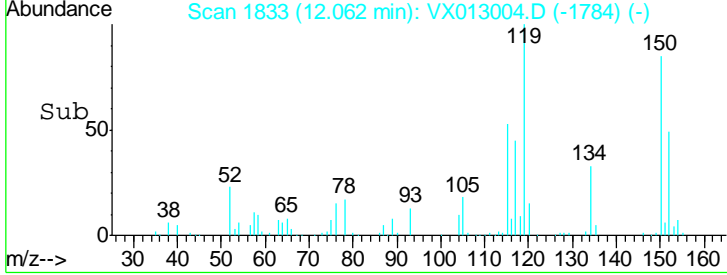
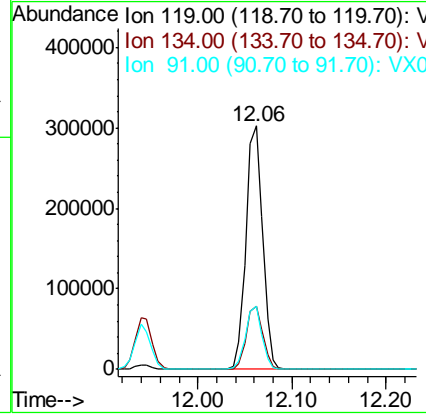
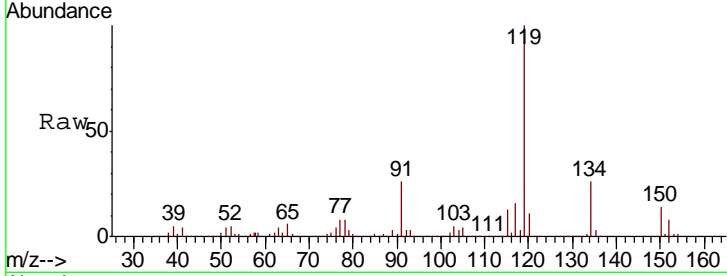
#86  
 p-Isopropyltoluene  
 Concen: 49.931 ug/l  
 RT: 12.06 min Scan# 1833  
 Delta R.T. -0.00 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

Instrument : MSVOA\_X  
 ClientSampled : S49-0555MS

Tgt Ion	Resp	Lower	Upper
119	372858		
134	25.8	12.6	37.8
91	25.3	12.4	37.4

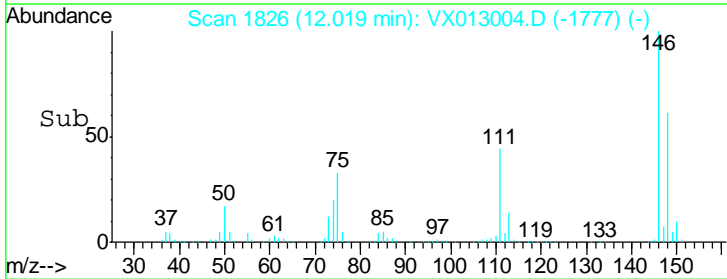
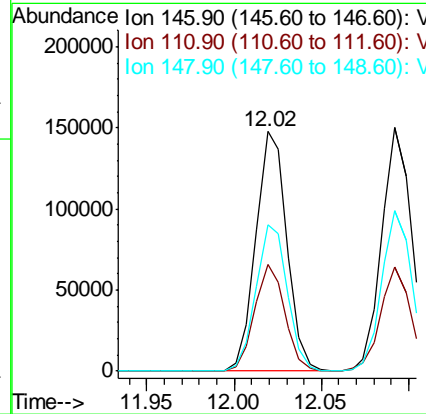
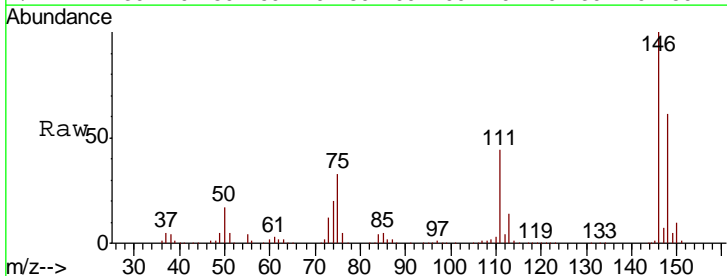
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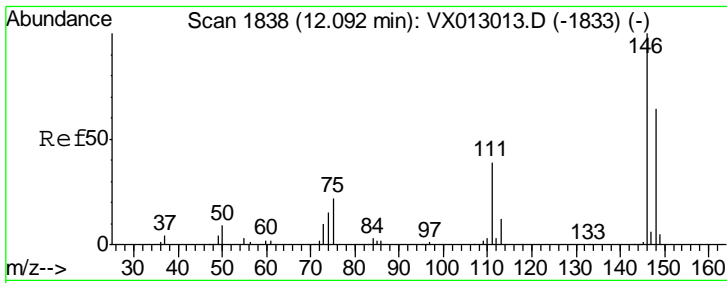
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#87  
 1,3-Dichlorobenzene  
 Concen: 49.170 ug/l  
 RT: 12.02 min Scan# 1826  
 Delta R.T. -0.00 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

Tgt Ion	Resp	Lower	Upper
146	183586		
111	43.3	21.1	63.4
148	62.0	31.6	95.0





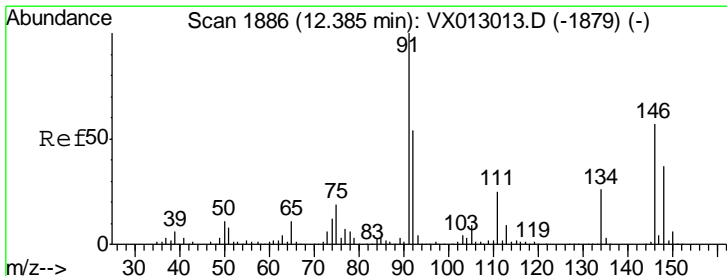
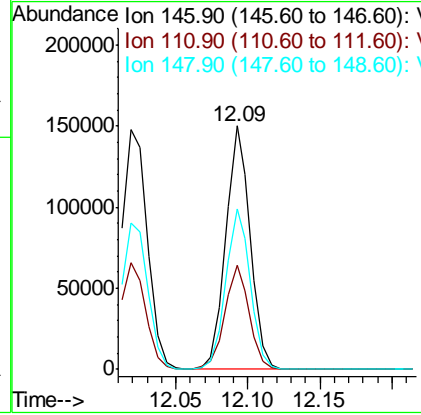
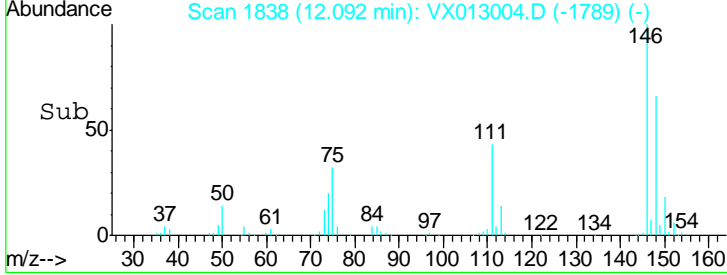
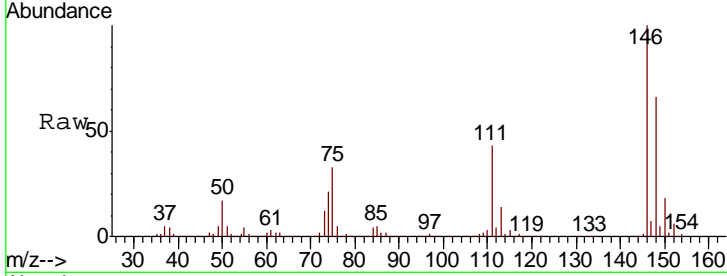
#88  
 1,4-Dichlorobenzene  
 Concen: 47.387 ug/l  
 RT: 12.09 min Scan# 1838  
 Delta R.T. -0.00 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

Instrument : MSVOA\_X  
 ClientSampled : S49-0555MS

Tgt Ion	Resp	Lower	Upper
146	179186		
111	42.9	21.4	64.3
148	66.1	32.1	96.5

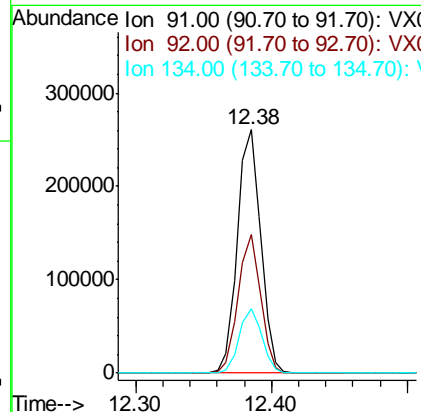
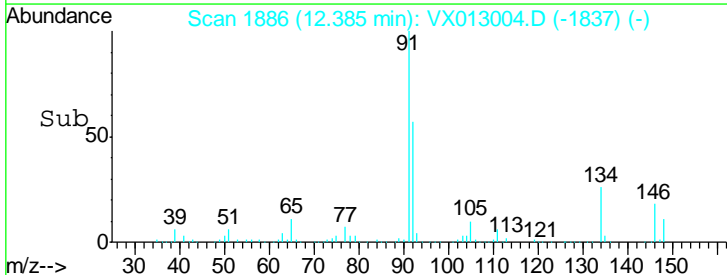
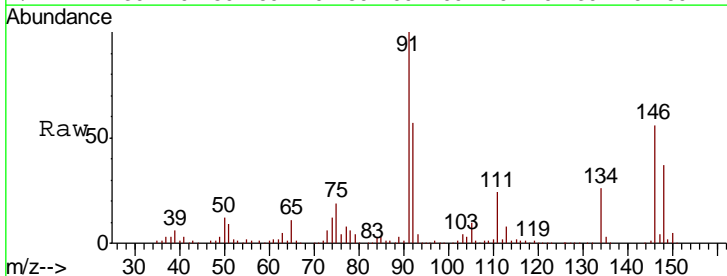
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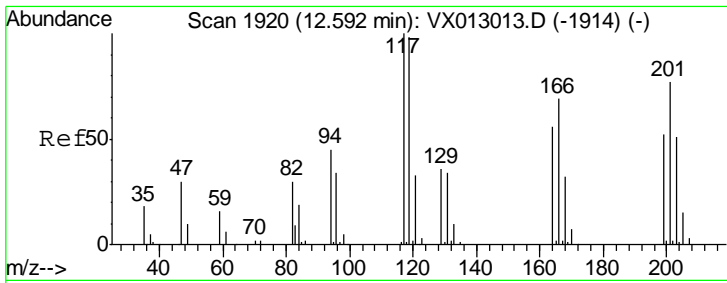


#89  
 n-Butylbenzene  
 Concen: 49.710 ug/l  
 RT: 12.38 min Scan# 1886  
 Delta R.T. -0.00 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

Tgt Ion	Resp	Lower	Upper
91	311981		
92	55.0	27.5	82.5
134	25.7	12.9	38.7





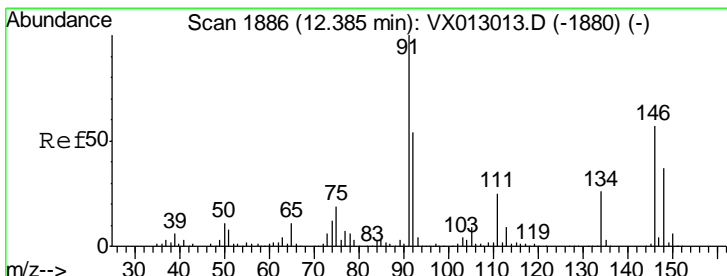
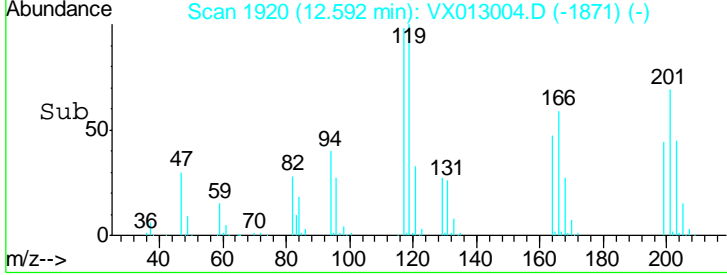
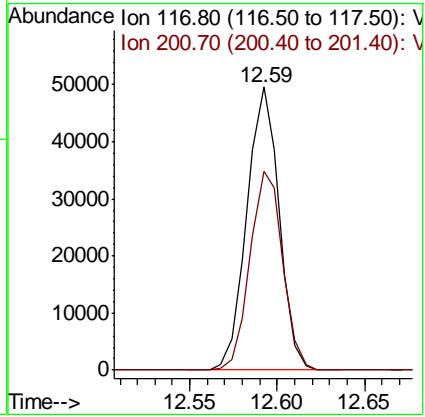
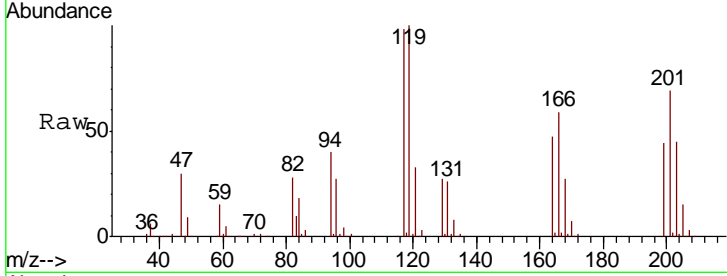


#90  
 Hexachloroethane  
 Concen: 46.331 ug/l  
 RT: 12.59 min Scan# 1920  
 Delta R.T. 0.00 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

Instrument : MSVOA\_X  
 ClientSampled : S49-0555MS

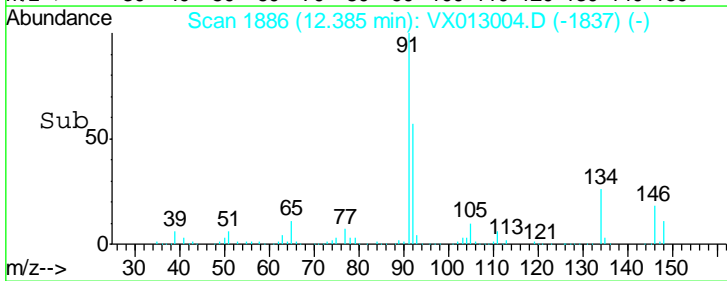
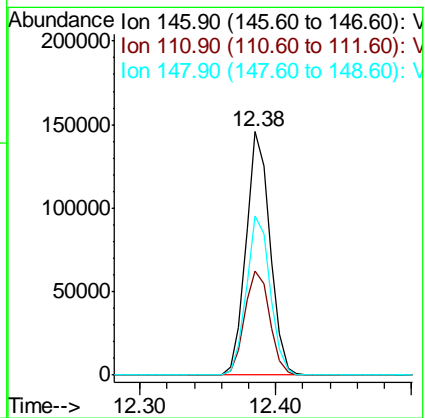
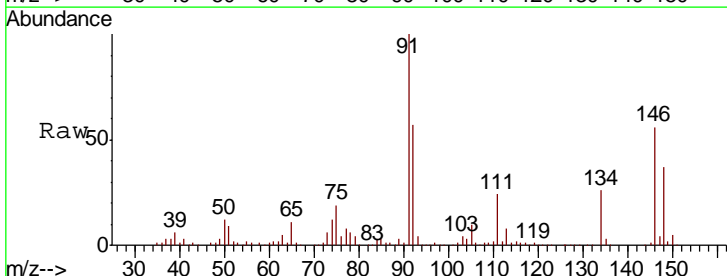
Tgt Ion	Resp	Lower	Upper
117	100		
201	71.3	36.9	110.7

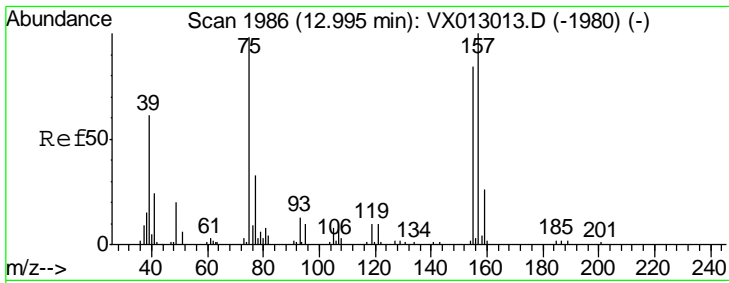
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#91  
 1,2-Dichlorobenzene  
 Concen: 49.155 ug/l  
 RT: 12.38 min Scan# 1886  
 Delta R.T. -0.00 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

Tgt Ion	Resp	Lower	Upper
146	100		
111	44.5	22.7	68.0
148	65.0	31.6	94.7



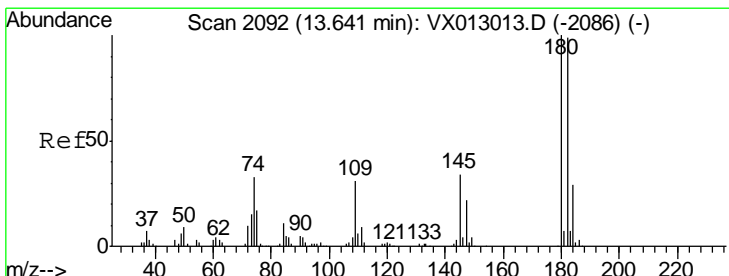
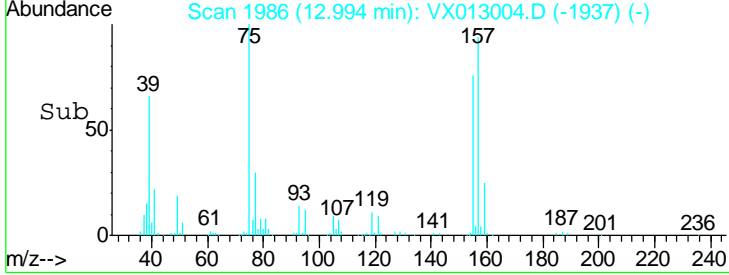
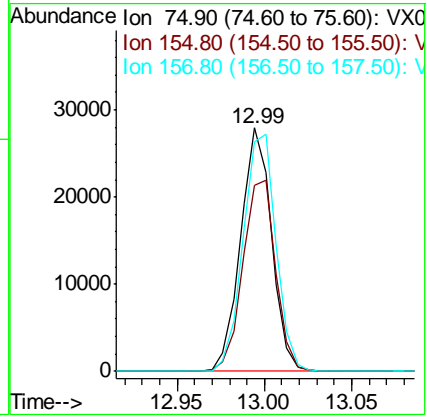
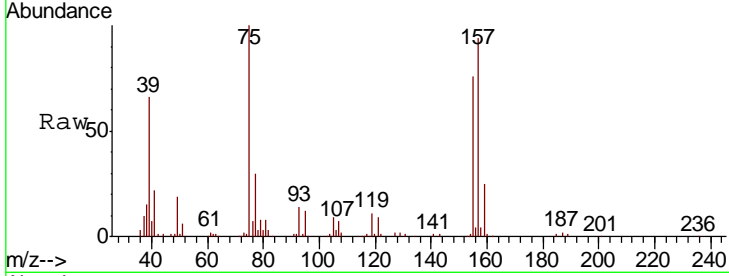


#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 51.616 ug/l  
 RT: 12.99 min Scan# 1986  
 Delta R.T. -0.00 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

Instrument : MSVOA\_X  
 ClientSampled : S49-0555MS

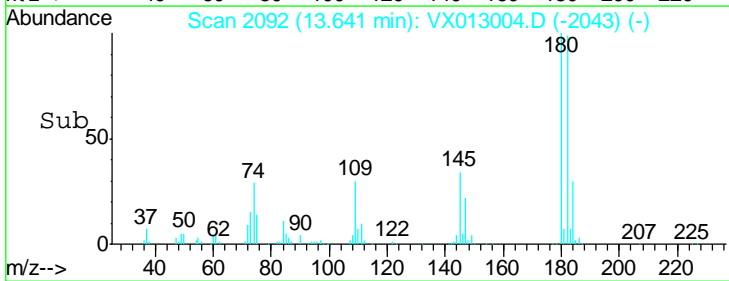
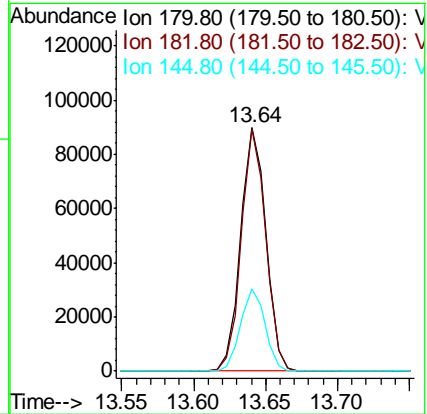
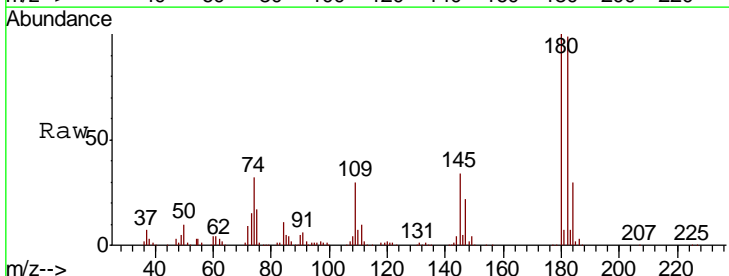
Tgt Ion	Resp	Lower	Upper
75	34332		
75	100		
155	83.3	43.0	128.8
157	103.5	54.1	162.3

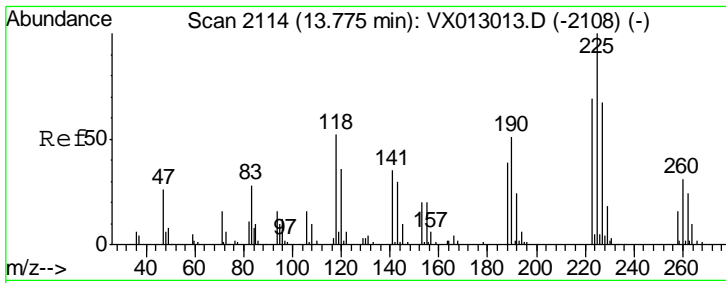
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#93  
 1,2,4-Trichlorobenzene  
 Concen: 47.755 ug/l  
 RT: 13.64 min Scan# 2092  
 Delta R.T. -0.00 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

Tgt Ion	Resp	Lower	Upper
180	109500		
180	100		
182	96.0	46.8	140.4
145	33.1	16.2	48.6





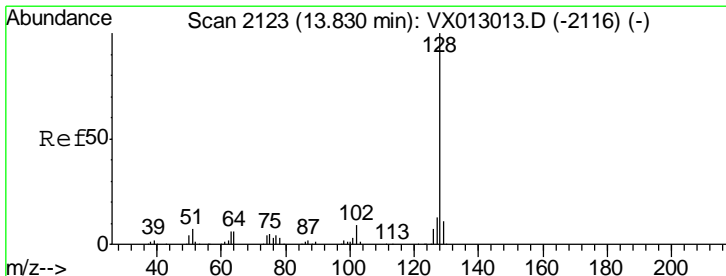
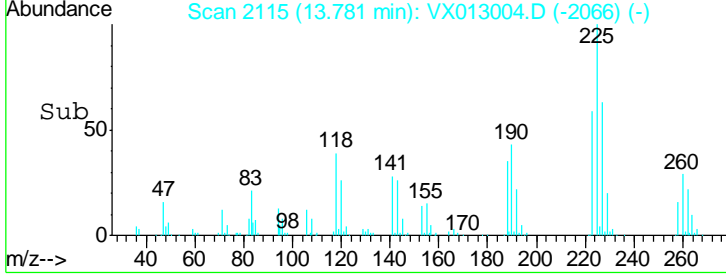
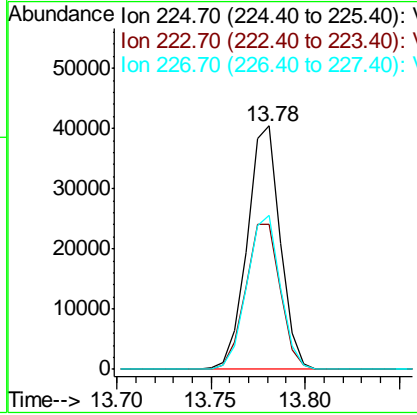
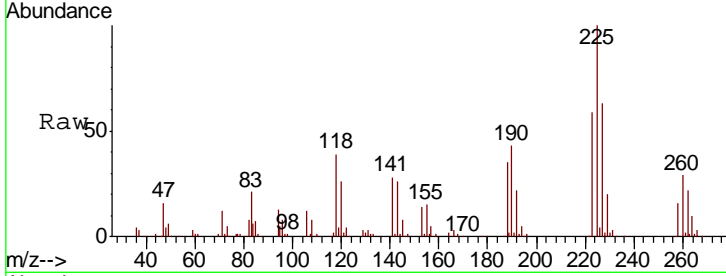
#94  
 Hexachlorobutadiene  
 Concen: 46.346 ug/l  
 RT: 13.78 min Scan# 2115  
 Delta R.T. -0.00 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

Instrument : MSVOA\_X  
 ClientSampled : S49-0555MS

Tgt Ion	Resp	Lower	Upper
225	49043		
223	63.0	31.1	93.2
227	64.2	32.3	96.9

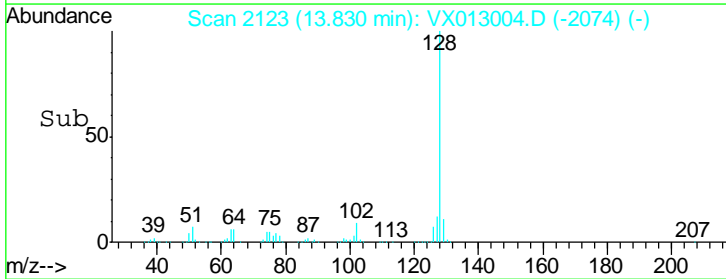
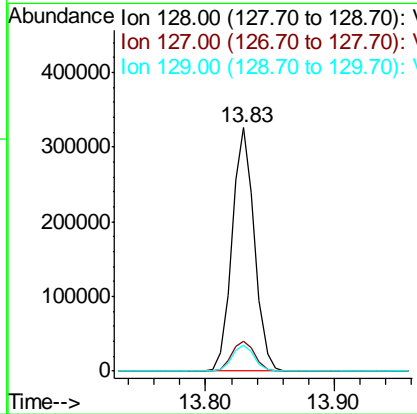
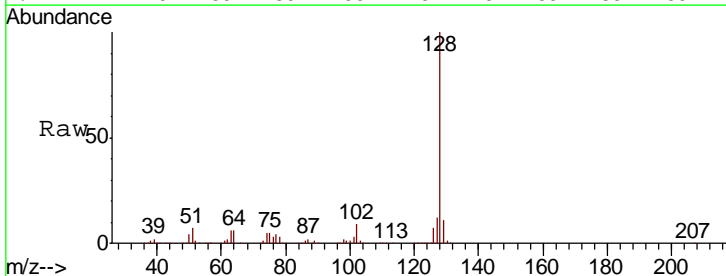
Manual Integrations  
 APPROVED

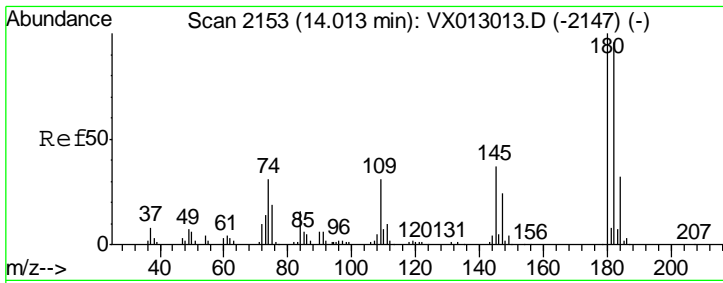
MMDadoda  
 10/14/2019 1:05:23 PM



#95  
 Naphthalene  
 Concen: 49.476 ug/l  
 RT: 13.83 min Scan# 2123  
 Delta R.T. -0.00 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

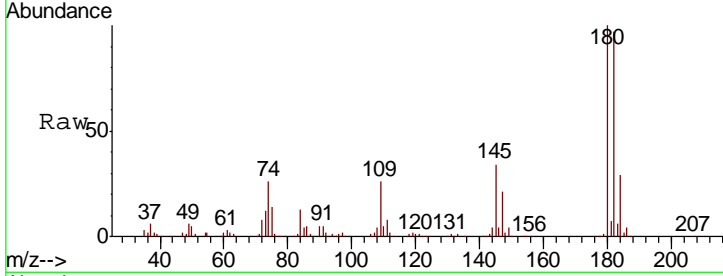
Tgt Ion	Resp	Lower	Upper
128	393263		
127	12.8	10.2	15.4
129	11.0	8.8	13.2





#96  
 1,2,3-Trichlorobenzene  
 Concen: 48.807 ug/l  
 RT: 14.02 min Scan# 2154  
 Delta R.T. 0.01 min  
 Lab File: VX013004.D  
 Acq: 10 Oct 2019 18:26

**Instrument :**  
 MSVOA\_X  
**ClientSampled :**  
 S49-0555MS



Tot Ion: 180 Resp: 115649

Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.5	142.5
145	34.5	17.4	52.3

**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 10/14/2019 1:05:23 PM

