

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX120919\
 Data File : VX0137867.D
 Acq On : 09 Dec 2019 21:37
 Operator : JC/SP
 Sample : K6185-09MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Manual Integrations
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 12/10/2019 11:20:31 AM

Quant Time: Dec 10 05:04:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	548010	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	858691	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	776433	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	381527	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	286843	45.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.18%	
35) Dibromofluoromethane	5.48	113	238255	44.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.76%	
50) Toluene-d8	8.71	98	906532	43.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.66%	
62) 4-Bromofluorobenzene	11.14	95	326219	43.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	276584	45.344	ug/l	98
3) Chloromethane	1.32	50	310444	45.358	ug/l	100
4) Vinyl Chloride	1.40	62	364670	47.339	ug/l	97
5) Bromomethane	1.63	94	236459	45.707	ug/l	99
6) Chloroethane	1.71	64	203739	46.478	ug/l	99
7) Trichlorofluoromethane	1.92	101	393268	45.975	ug/l	99
8) Diethyl Ether	2.18	74	183538	47.428	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	1283411	245.638	ug/l	99
10) Methyl Iodide	2.50	142	288669	45.674	ug/l	98
11) Tert butyl alcohol	3.04	59	395277	251.746	ug/l	99
12) 1,1-Dichloroethene	2.36	96	252794	48.472	ug/l	98
13) Acrolein	2.28	56	306344	290.736	ug/l	100
14) Allyl chloride	2.72	41	442861	46.792	ug/l	99
15) Acrylonitrile	3.13	53	823573	254.107	ug/l	99
16) Acetone	2.44	43	710822	226.334	ug/l	98
17) Carbon Disulfide	2.56	76	613200	41.245	ug/l	99
18) Methyl Acetate	2.76	43	438347	50.124	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	839584	48.596	ug/l	100
20) Methylene Chloride	2.85	84	280960	46.566	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	259873	45.741	ug/l	98
22) Diisopropyl ether	3.84	45	911066	49.993	ug/l	98
23) Vinyl Acetate	3.80	43	3482216	229.691	ug/l	99
24) 1,1-Dichloroethane	3.69	63	494046	49.591	ug/l	98
25) 2-Butanone	4.66	43	1162554	249.074	ug/l	100
26) 2,2-Dichloropropane	4.57	77	316598	38.410	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	341573	52.352	ug/l	98
28) Bromochloromethane	5.00	49	200955	51.044	ug/l	97
29) Tetrahydrofuran	5.12	42	746989	259.608	ug/l	99
30) Chloroform	5.20	83	474994	47.013	ug/l	96
31) Cyclohexane	5.57	56	425019	45.231	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	398886	47.244	ug/l	99
36) 1,1-Dichloropropene	5.79	75	352061	45.166	ug/l	99
37) Ethyl Acetate	4.82	43	412980	47.227	ug/l	99
38) Carbon Tetrachloride	5.78	117	343362	47.772	ug/l	100

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Quant Time: Dec 10 05:04:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	414042	42.972	ug/l	99
40) Benzene	6.14	78	1106631	46.614	ug/l	100
41) Methacrylonitrile	5.03	41	247592	51.628	ug/l	98
42) 1,2-Dichloroethane	6.19	62	382627	47.259	ug/l	100
43) Isopropyl Acetate	6.43	43	671015	46.610	ug/l	100
44) Trichloroethene	7.21	130	1029563	158.019	ug/l	99
45) 1,2-Dichloropropane	7.51	63	291345	49.050	ug/l	97
46) Dibromomethane	7.65	93	187885	46.574	ug/l	99
47) Bromodichloromethane	7.89	83	368937	48.377	ug/l	98
48) Methyl methacrylate	7.76	41	349480	49.963	ug/l	100
49) 1,4-Dioxane	7.73	88	165191	1055.057	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	2295717	253.514	ug/l	100
52) Toluene	8.78	92	687531	46.617	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	400034	46.083	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	438201	46.205	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	288645	48.566	ug/l	99
56) Ethyl methacrylate	9.17	69	467776	48.954	ug/l	99
57) 1,3-Dichloropropane	9.37	76	483904	47.236	ug/l	100
59) 2-Hexanone	9.49	43	1782864	252.434	ug/l	98
60) Dibromochloromethane	9.57	129	295614	47.928	ug/l	98
61) 1,2-Dibromoethane	9.67	107	297522	46.871	ug/l	99
64) Tetrachloroethene	9.33	164	339793	58.684	ug/l	99
65) Chlorobenzene	10.14	112	745089	46.220	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	277335	47.910	ug/l	99
67) Ethyl Benzene	10.25	91	1301237	46.974	ug/l	98
68) m/p-Xylenes	10.35	106	993841	93.710	ug/l	99
69) o-Xylene	10.70	106	486129	46.999	ug/l	100
70) Stvrene	10.71	104	822533	47.273	ug/l	99
71) Bromoform	10.85	173	232859	48.617	ug/l #	98
73) Isopropylbenzene	11.01	105	1271846	47.523	ug/l	100
74) N-amyl acetate	10.89	43	568954	46.409	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	471239	50.774	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	421898m	49.165	ug/l	
77) Bromobenzene	11.25	156	335564	46.413	ug/l	98
78) n-propylbenzene	11.35	91	1410505	47.213	ug/l	100
79) 2-Chlorotoluene	11.42	91	840989	46.927	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1037263	47.289	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	142460	45.418	ug/l	100
82) 4-Chlorotoluene	11.51	91	959404	46.221	ug/l	99
83) tert-Butylbenzene	11.76	119	1078051	48.361	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	1059685	47.602	ug/l	100
85) sec-Butylbenzene	11.94	105	1204382	47.301	ug/l	100
86) p-Isopropyltoluene	12.06	119	1092510	46.122	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	568766	45.129	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	571229	44.498	ug/l	99
89) n-Butylbenzene	12.39	91	907099	44.899	ug/l	100
90) Hexachloroethane	12.59	117	202834	47.374	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	583650	46.871	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	100888	49.917	ug/l	98
93) 1,2,4-Trichlorobenzene	13.64	180	366629	42.246	ug/l	99

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ClientSampleId :

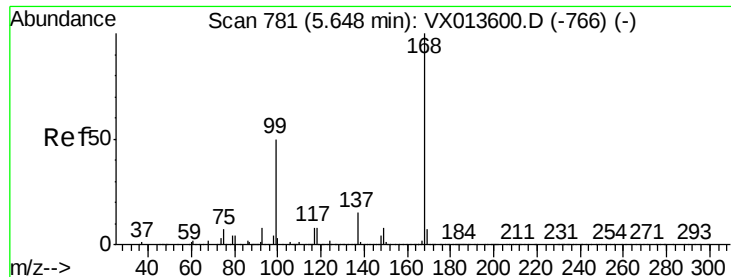
Manual Integrations
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Quant Time: Dec 10 05:04:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	173739	41.675	ug/l	99
95) Naphthalene	13.83	128	1179509	45.639	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	383305	44.608	ug/l	100

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



#1

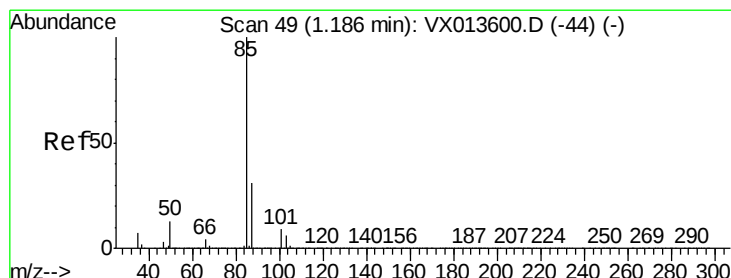
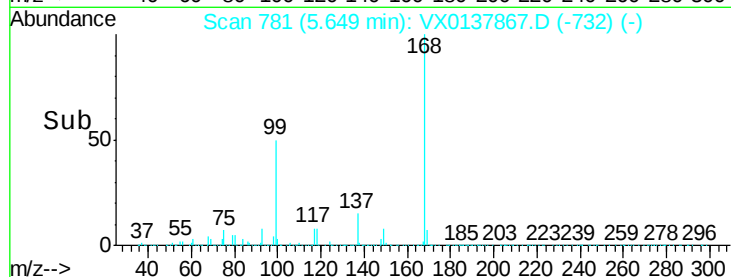
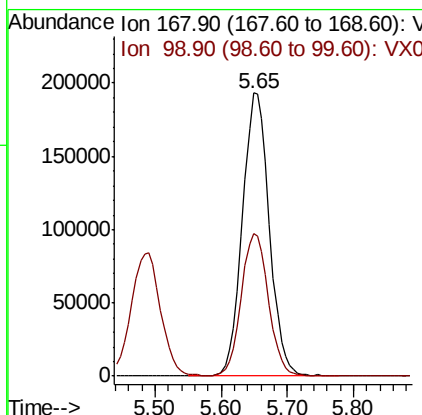
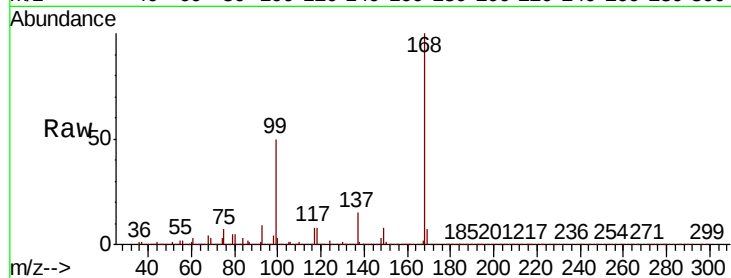
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.00 min
Lab File: VX0137867.D
Acq: 09 Dec 2019 21:37

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
168	100		
99	50.0	39.8	59.8

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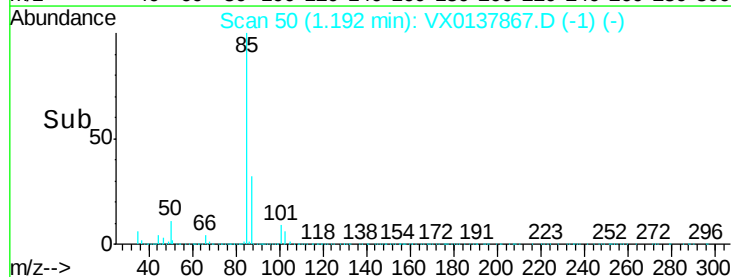
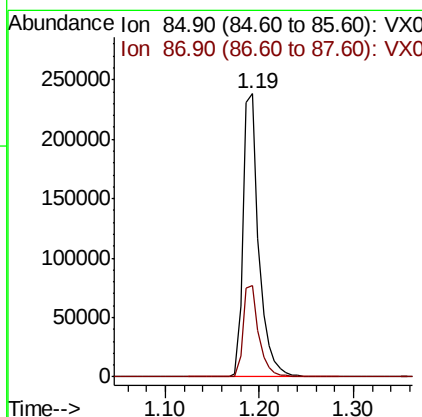
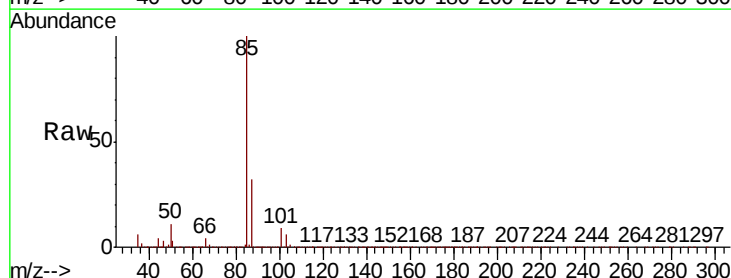
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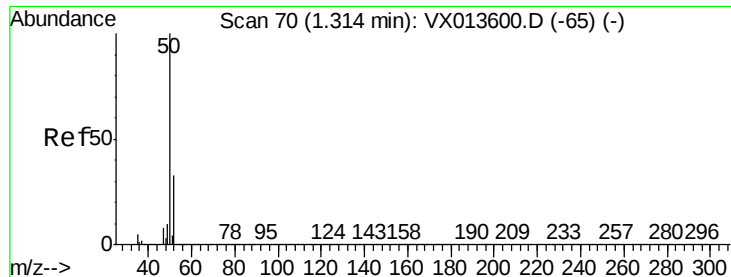


#2

Dichlorodifluoromethane
Concen: 45.344 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.01 min
Lab File: VX0137867.D
Acq: 09 Dec 2019 21:37

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.3	15.7	47.1





#3

Chloromethane

Concen: 45.358 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX0137867.D

Acq: 09 Dec 2019 21:37

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 50 Resp: 310444

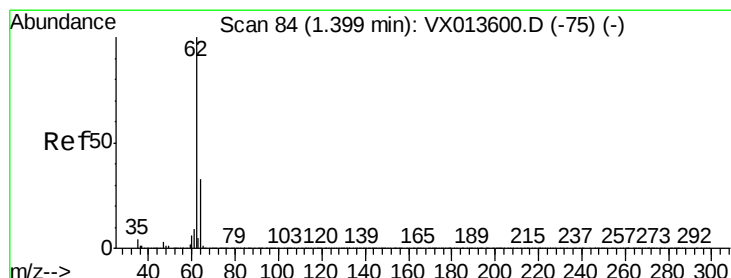
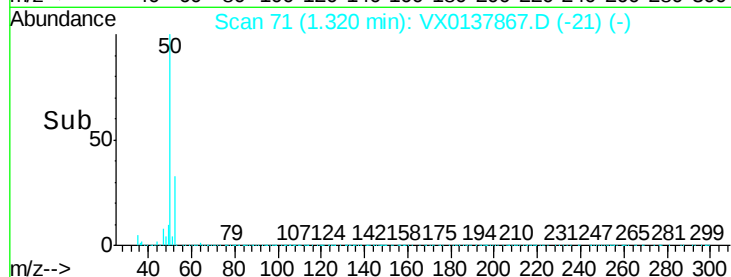
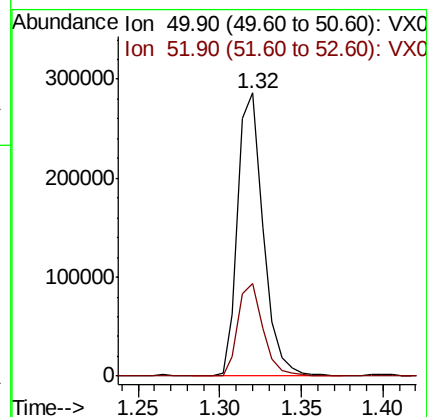
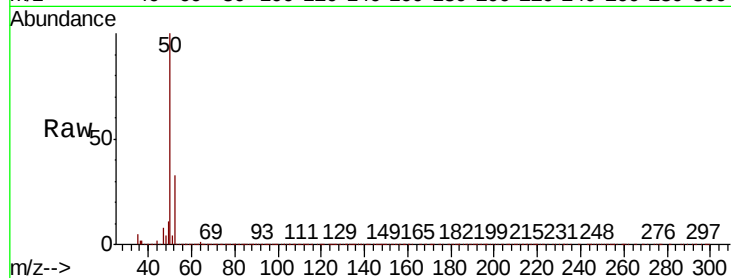
Ion Ratio Lower Upper

50 100

52 32.7 26.0 39.0

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#4

Vinyl Chloride

Concen: 47.339 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX0137867.D

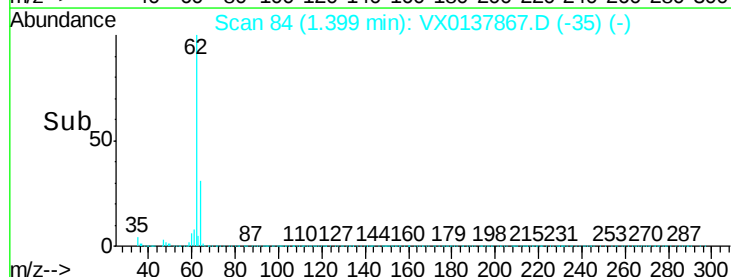
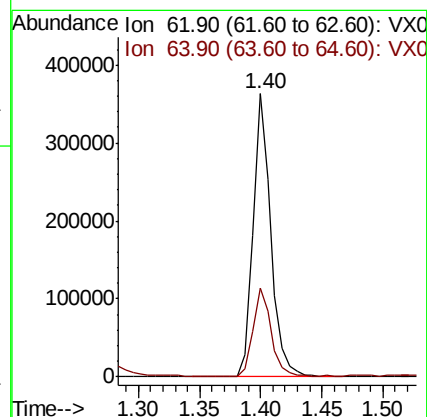
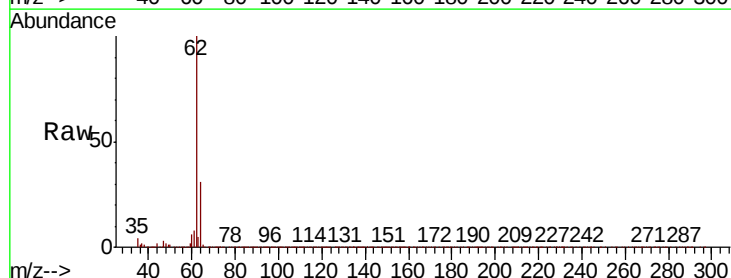
Acq: 09 Dec 2019 21:37

Tgt Ion: 62 Resp: 364670

Ion Ratio Lower Upper

62 100

64 30.9 26.0 39.0





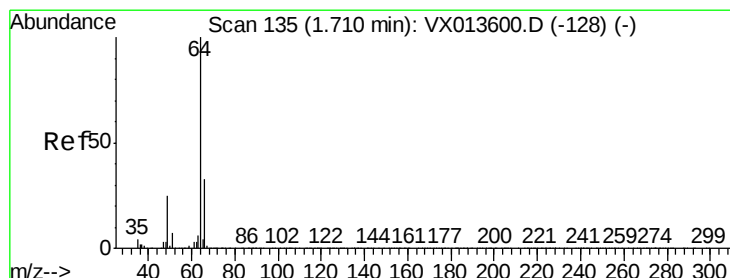
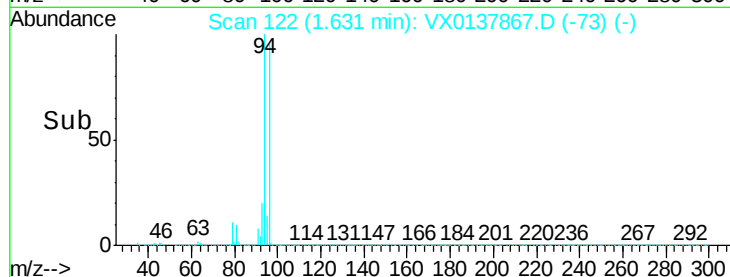
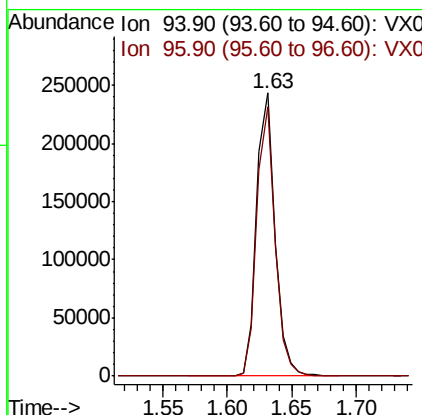
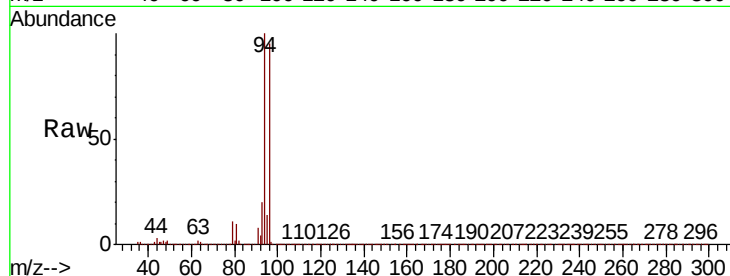
#5
Bromomethane
Concen: 45.707 ug/l
RT: 1.63 min Scan# 122
Delta R.T. 0.00 min
Lab File: VX0137867.D
Acq: 09 Dec 2019 21:37

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
94	100		
96	95.0	77.0	115.4

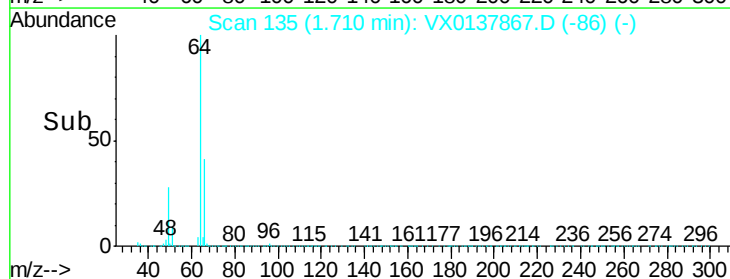
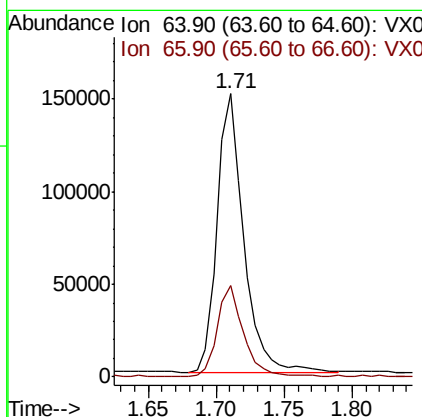
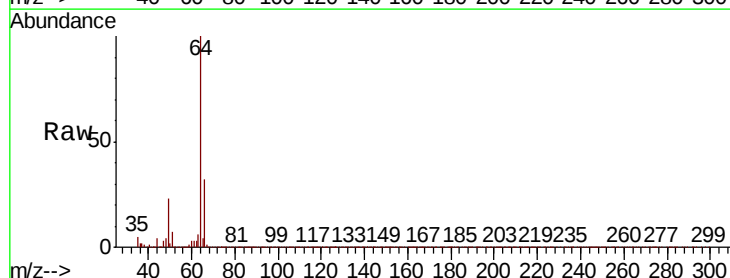
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#6
Chloroethane
Concen: 46.478 ug/l
RT: 1.71 min Scan# 135
Delta R.T. 0.00 min
Lab File: VX0137867.D
Acq: 09 Dec 2019 21:37

Tgt Ion	Ratio	Lower	Upper
64	100		
66	32.6	26.7	40.1





#7

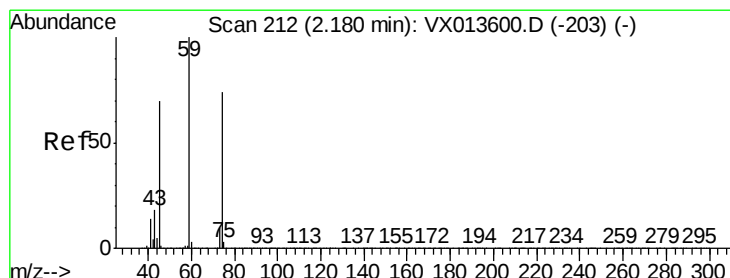
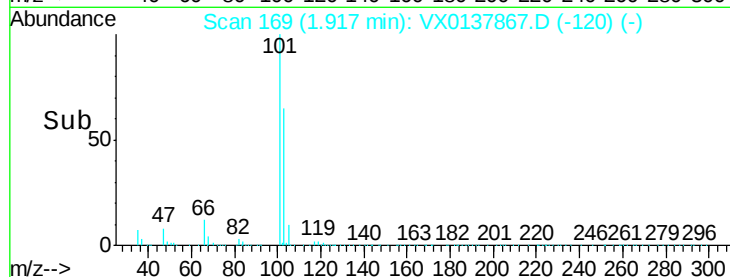
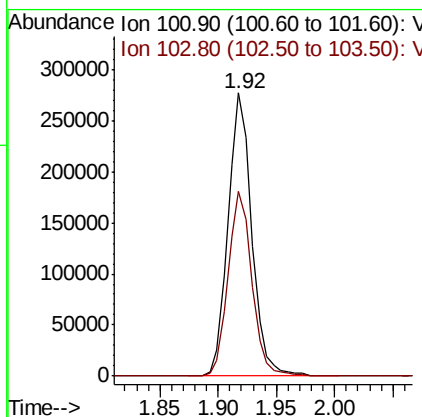
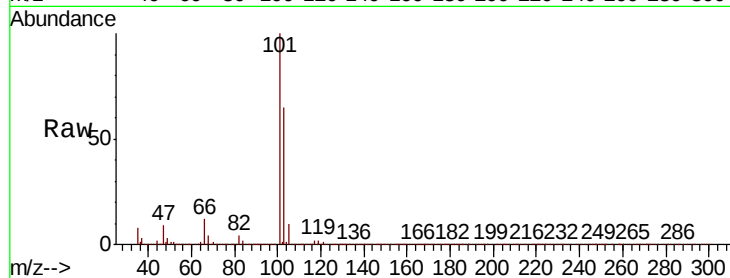
Trichlorofluoromethane
Concen: 45.975 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX0137867.D
Acq: 09 Dec 2019 21:37

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.2	51.8	77.6

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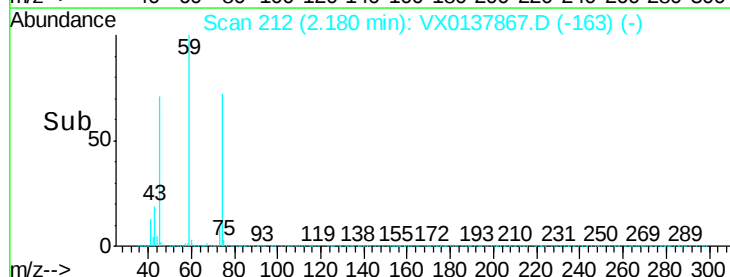
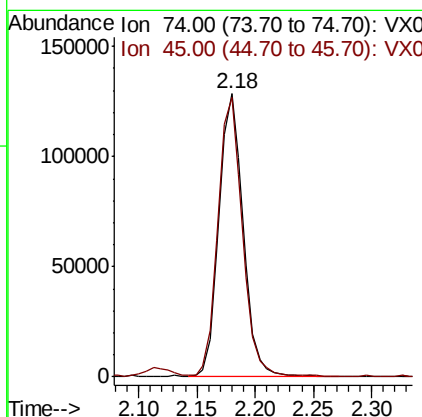
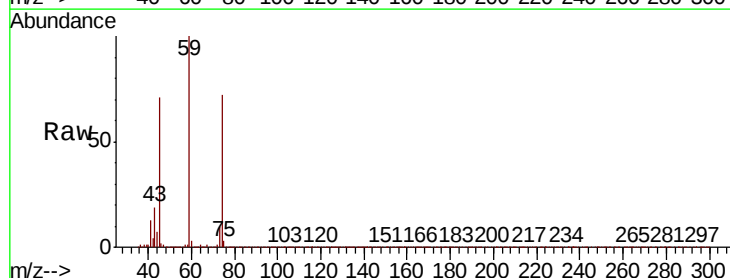
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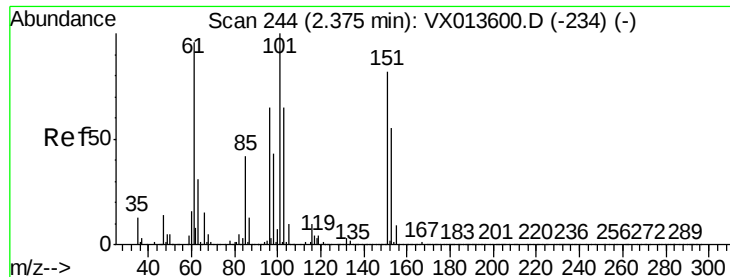


#8

Diethyl Ether
Concen: 47.428 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX0137867.D
Acq: 09 Dec 2019 21:37

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.5	48.9	146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 245.638 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX0137867.D

Acq: 09 Dec 2019 21:37

Instrument :

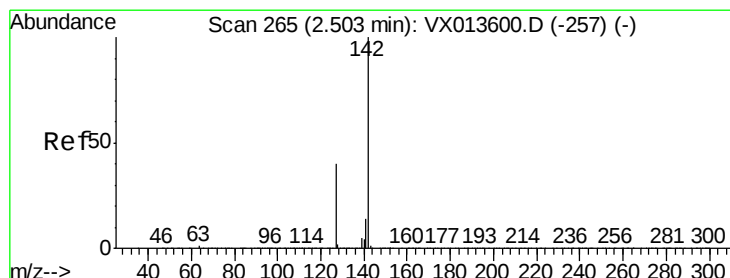
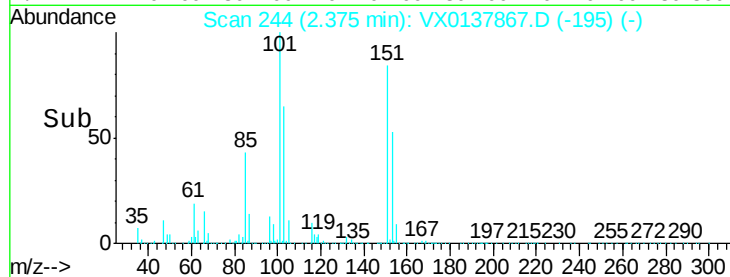
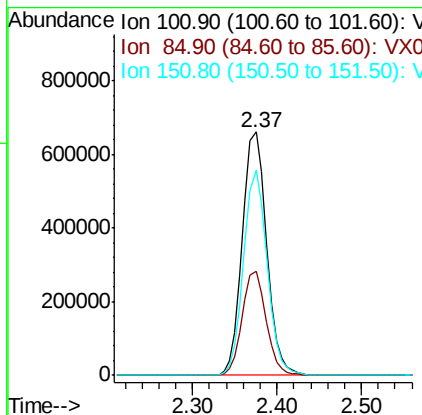
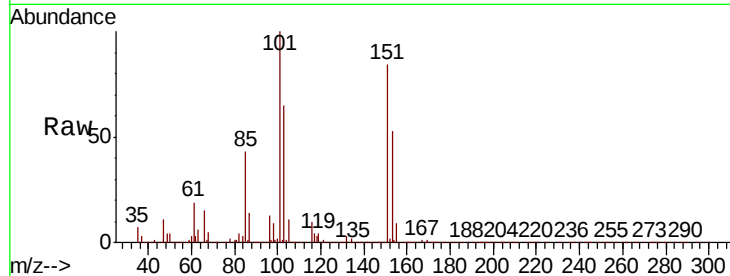
MSVOA_X

ClientSampleId :

Tot Ion:	101	Resp:	1283411
Ion Ratio	Lower	Upper	
101	100		
85	42.0	33.9	50.9
151	81.7	64.2	96.2

Manual Integrations
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#10

Methyl Iodide

Concen: 45.674 ug/l

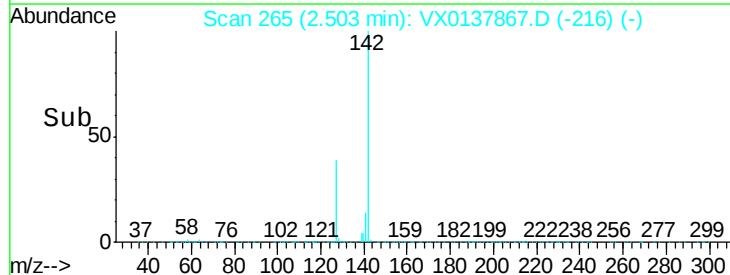
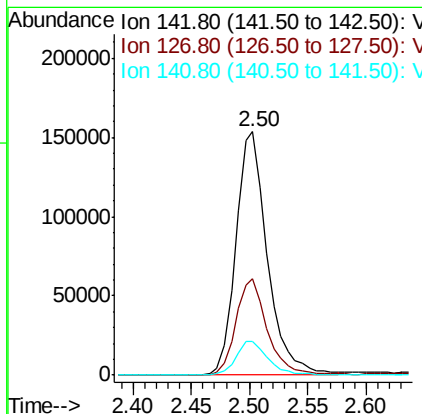
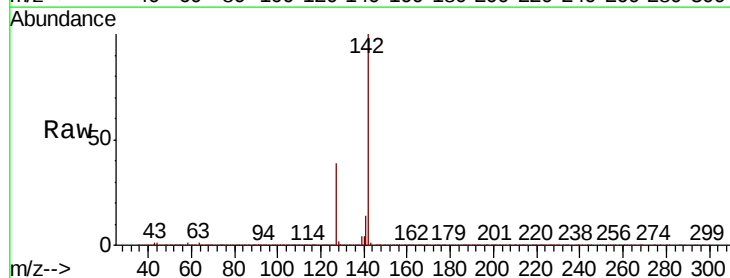
RT: 2.50 min Scan# 265

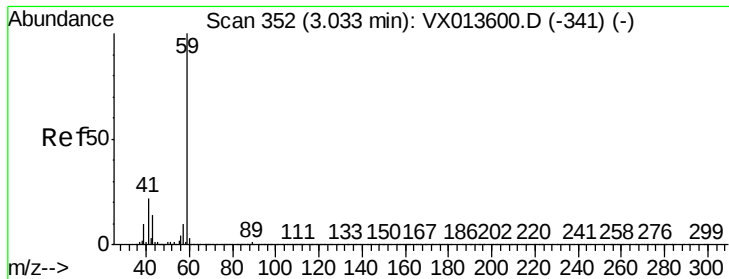
Delta R.T. 0.00 min

Lab File: VX0137867.D

Acq: 09 Dec 2019 21:37

Tgt Ion:	142	Resp:	288669
Ion Ratio	Lower	Upper	
142	100		
127	39.8	31.0	46.4
141	14.1	11.6	17.4





#11

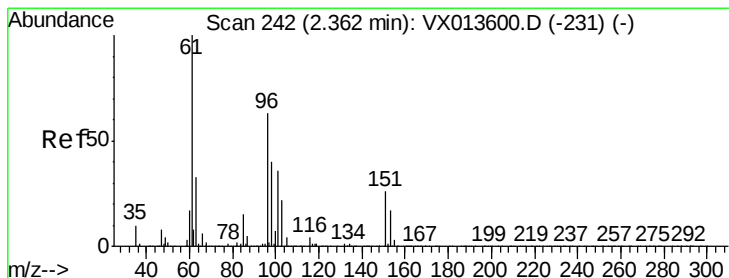
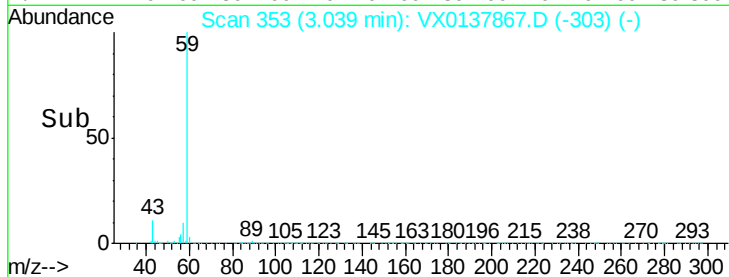
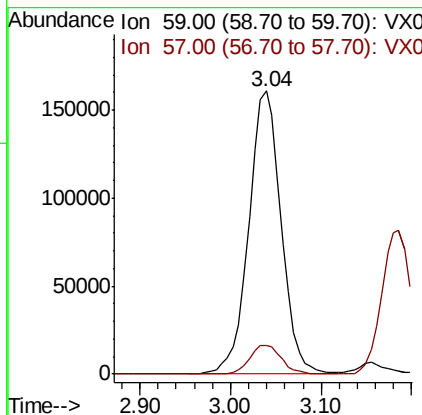
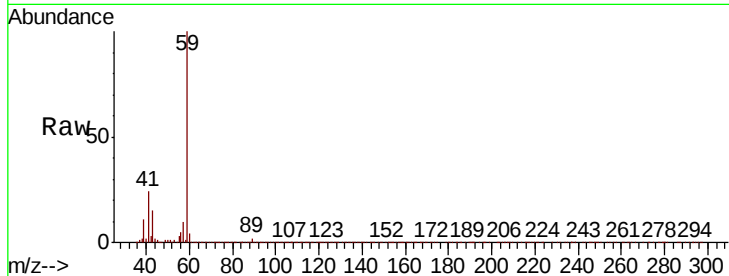
Tert butyl alcohol
Concen: 251.746 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.01 min
Lab File: VX0137867.D
Acq: 09 Dec 2019 21:37

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	7.8	11.6

Manual Integrations
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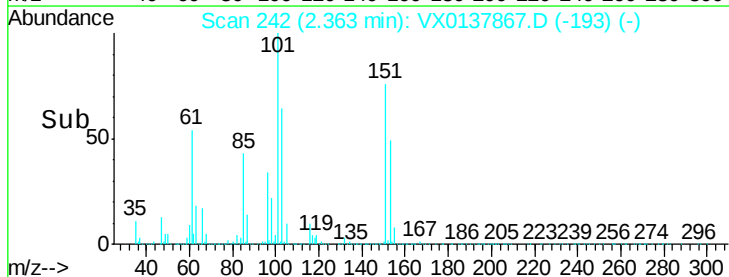
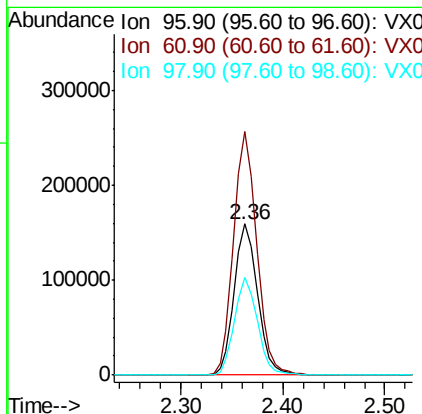
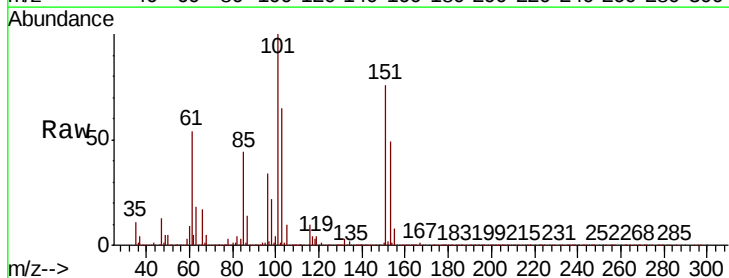
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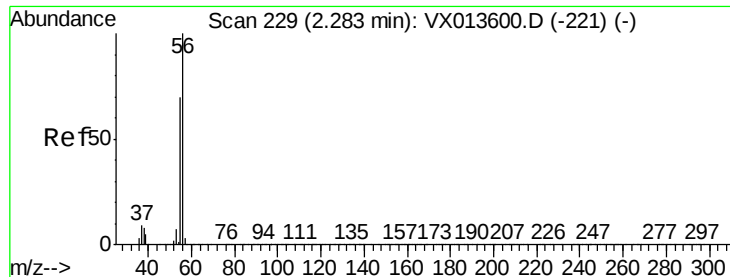


#12

1,1-Dichloroethene
Concen: 48.472 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX0137867.D
Acq: 09 Dec 2019 21:37

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.9	126.6	190.0
98	64.2	50.6	76.0





#13

Acrolein

Concen: 290.736 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX0137867.D

Acq: 09 Dec 2019 21:37

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 56 Resp: 306344

Ion Ratio Lower Upper

56 100

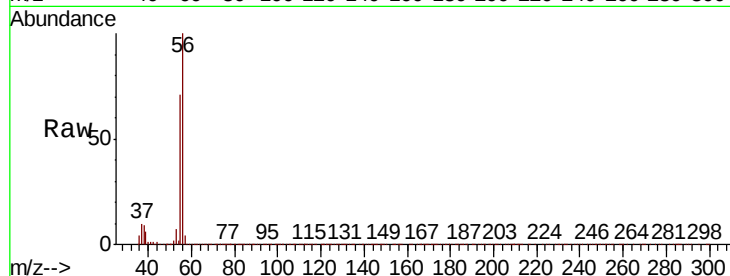
55 70.4 56.2 84.4

Manual Integrations

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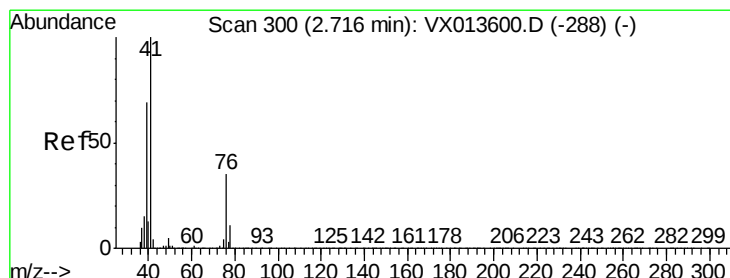
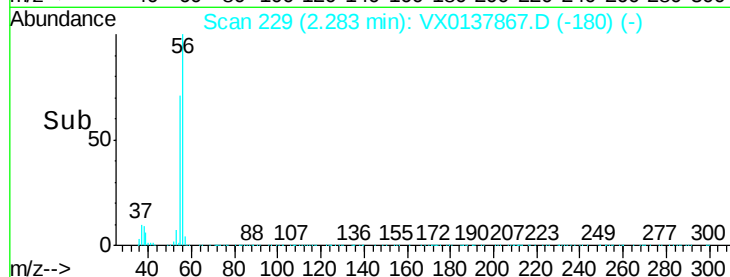
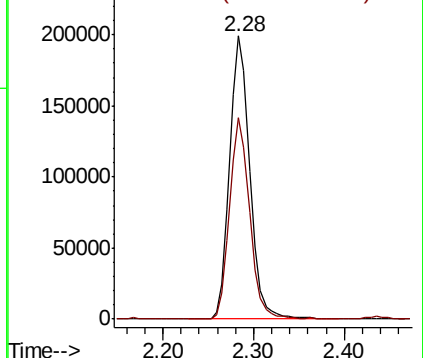
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 46.792 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX0137867.D

Acq: 09 Dec 2019 21:37

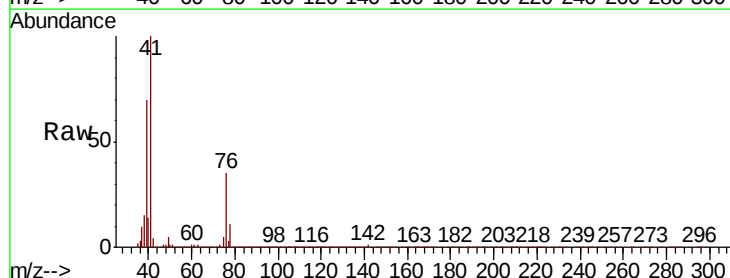
Tgt Ion: 41 Resp: 442861

Ion Ratio Lower Upper

41 100

39 64.0 51.7 77.5

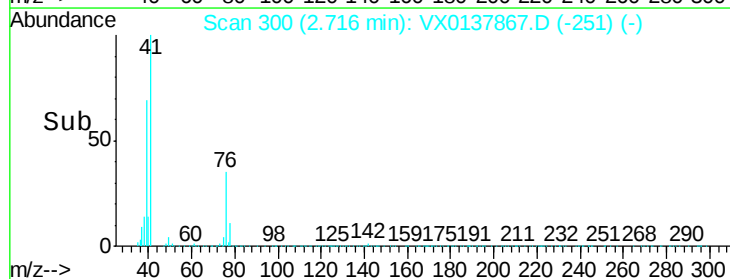
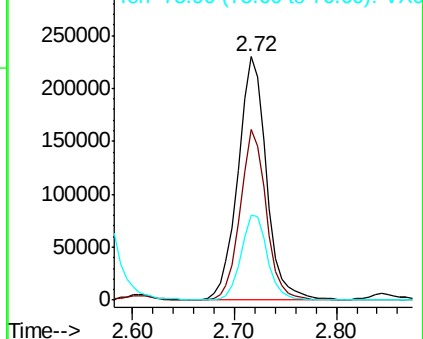
76 32.1 25.9 38.9

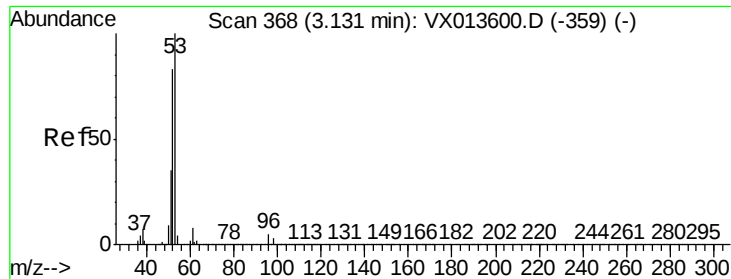


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





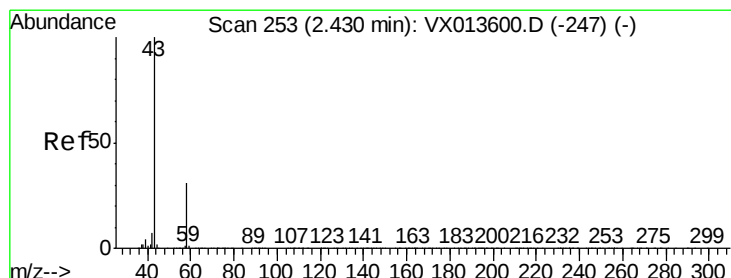
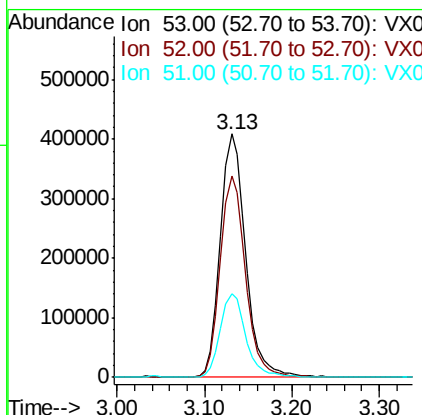
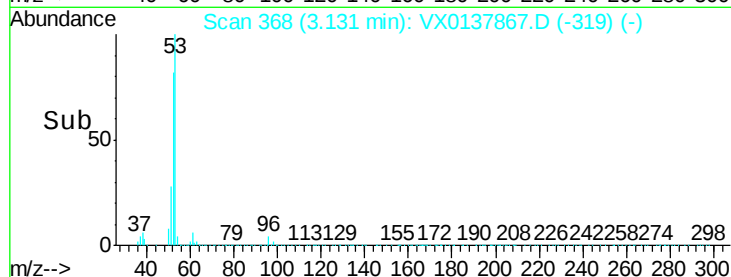
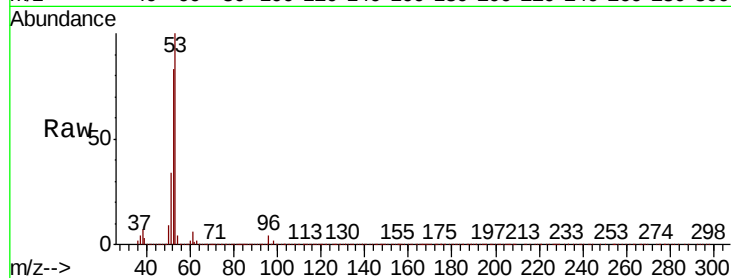
#15
 Acrylonitrile
 Concen: 254.107 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VX0137867.D
 Acq: 09 Dec 2019 21:37

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.2	66.2	99.2
51	34.9	29.0	43.6

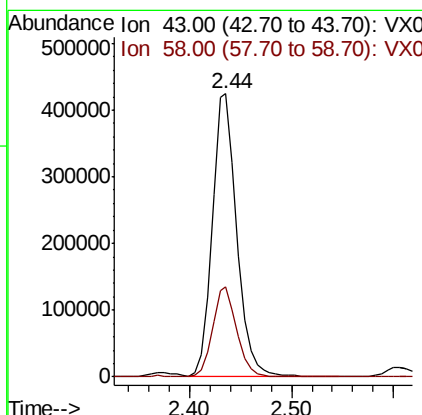
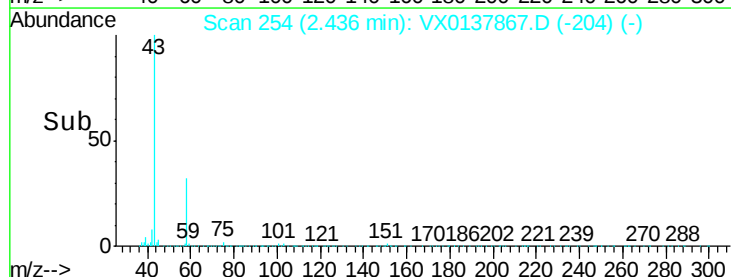
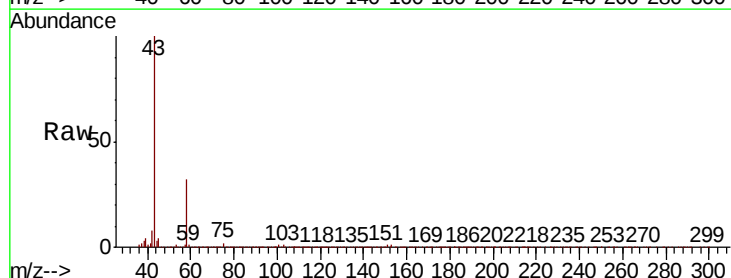
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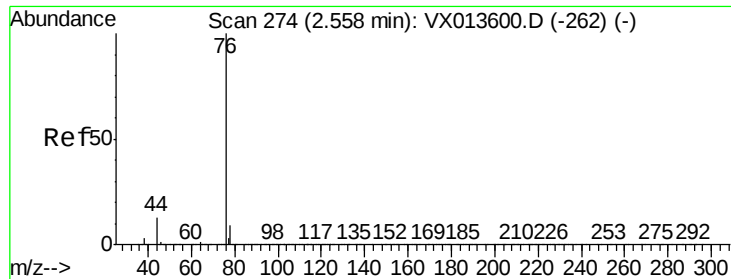
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#16
 Acetone
 Concen: 226.334 ug/l
 RT: 2.44 min Scan# 254
 Delta R.T. 0.01 min
 Lab File: VX0137867.D
 Acq: 09 Dec 2019 21:37

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.6	24.6	36.8





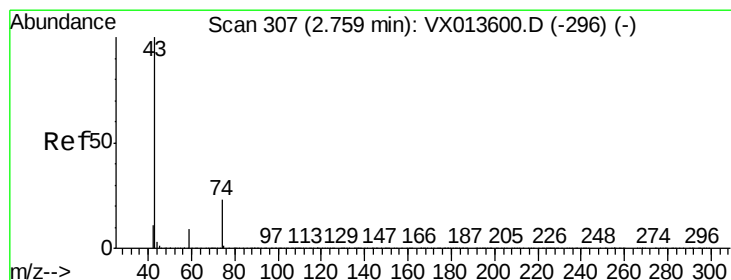
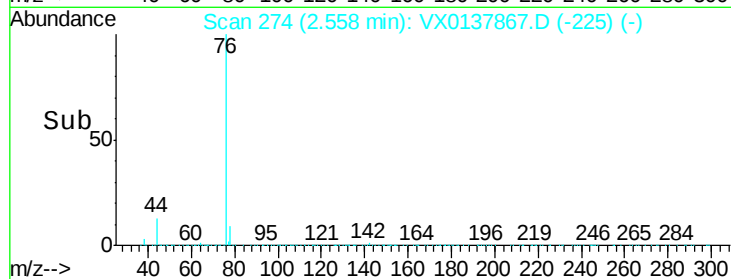
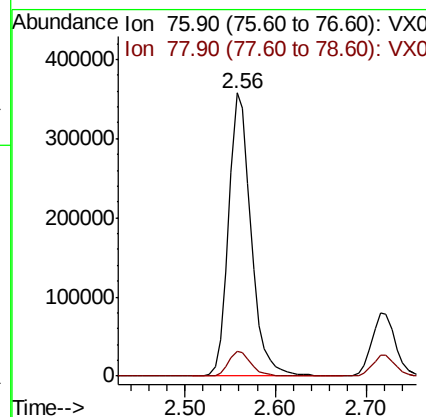
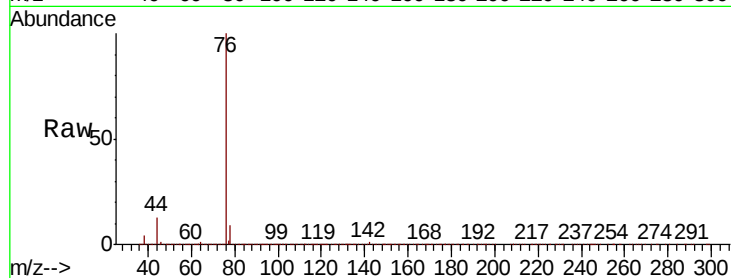
#17
Carbon Disulfide
Concen: 41.245 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX0137867.D
Acq: 09 Dec 2019 21:37

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.2	10.8

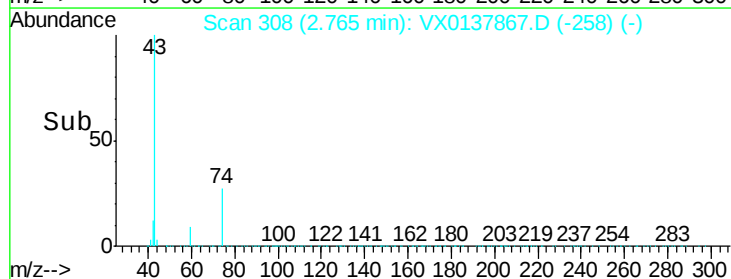
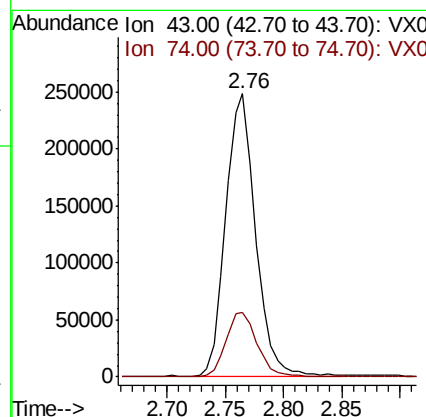
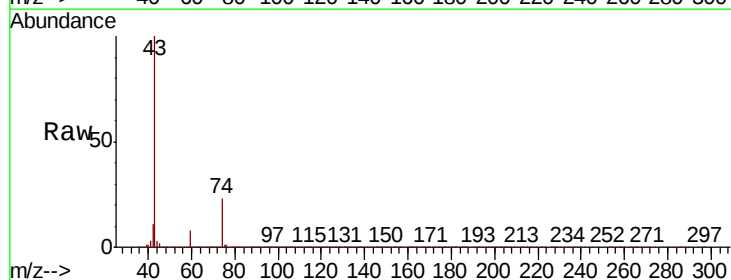
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#18
Methyl Acetate
Concen: 50.124 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.01 min
Lab File: VX0137867.D
Acq: 09 Dec 2019 21:37

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.8	19.5	29.3





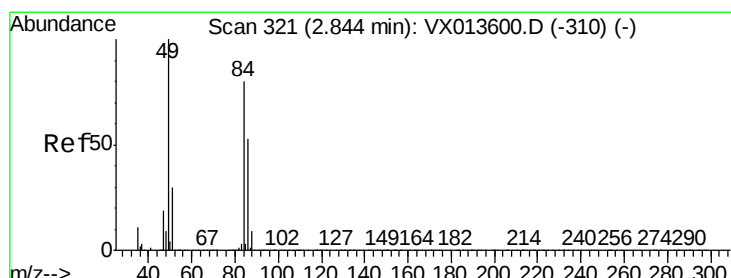
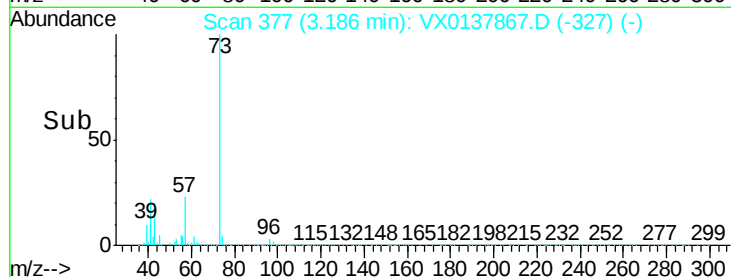
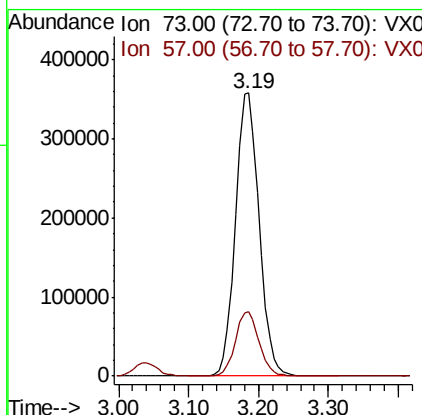
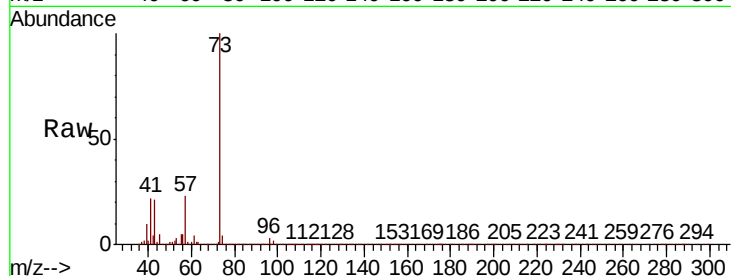
#19
Methvl tert-butvl Ether
Concen: 48.596 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.01 min
Lab File: VX0137867.D
Acq: 09 Dec 2019 21:37

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.9	18.3	27.5

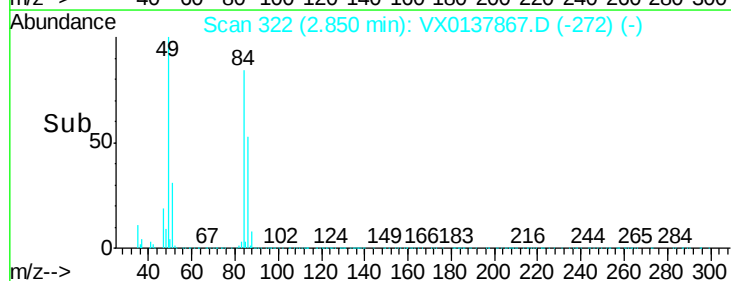
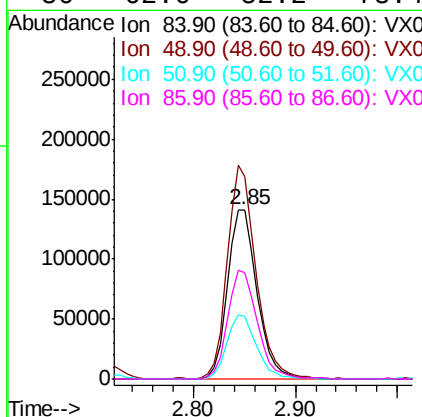
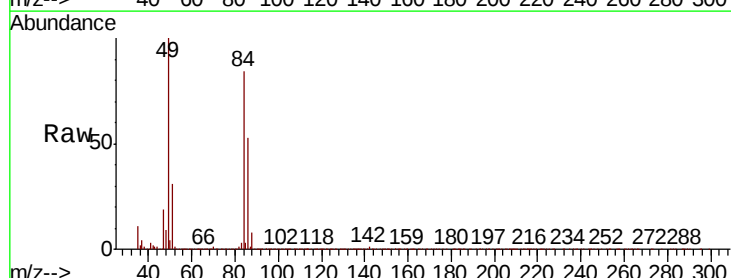
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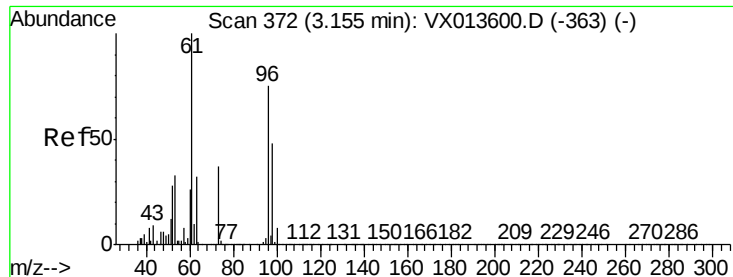
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#20
Methylene Chloride
Concen: 46.566 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX0137867.D
Acq: 09 Dec 2019 21:37

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.0	99.7	149.5
51	37.1	29.9	44.9
86	62.6	52.2	78.4





#21

trans-1,2-Dichloroethene

Concen: 45.741 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX0137867.D

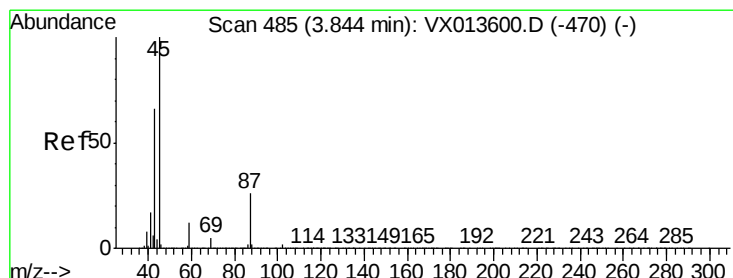
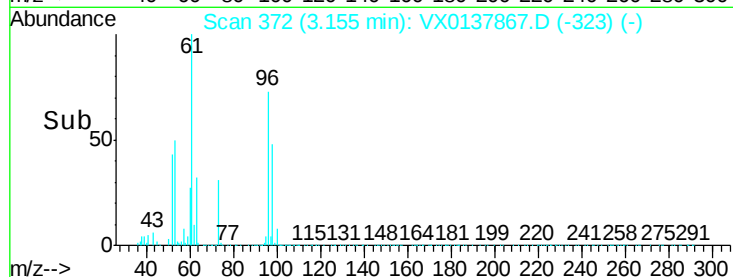
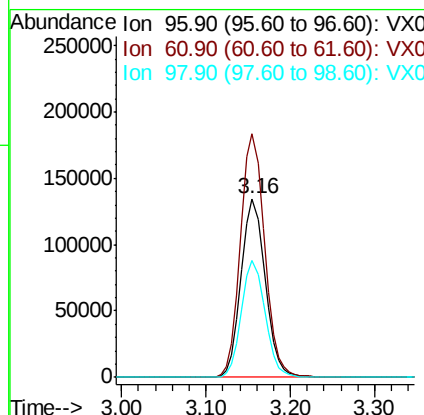
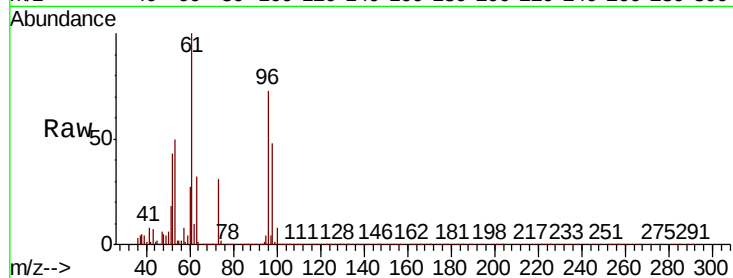
Acq: 09 Dec 2019 21:37

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	96	Resp:	259873
Ion	Ratio	Lower	Upper
96	100		
61	136.1	107.2	160.8
98	65.2	51.4	77.0

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#22

Diisopropyl ether

Concen: 49.993 ug/l

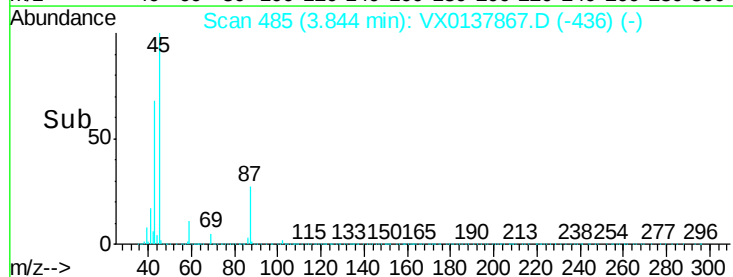
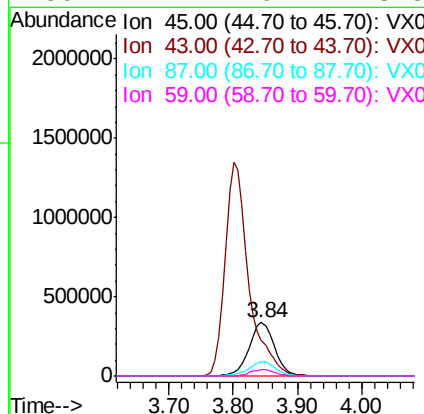
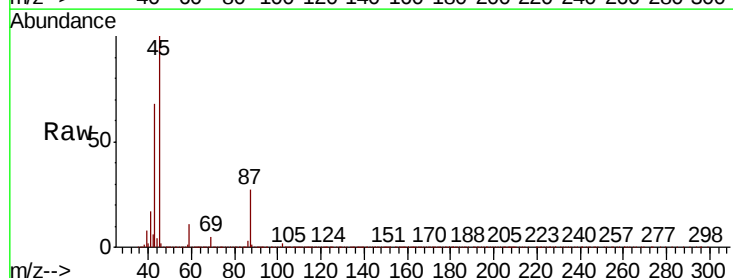
RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX0137867.D

Acq: 09 Dec 2019 21:37

Tgt Ion:	45	Resp:	911066
Ion	Ratio	Lower	Upper
45	100		
43	67.7	52.6	79.0
87	26.7	21.1	31.7
59	11.1	9.2	13.8





#23

Vinyl Acetate

Concen: 229.691 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX0137867.D

Acq: 09 Dec 2019 21:37

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 43 Resp: 3482216

Ion Ratio Lower Upper

43 100

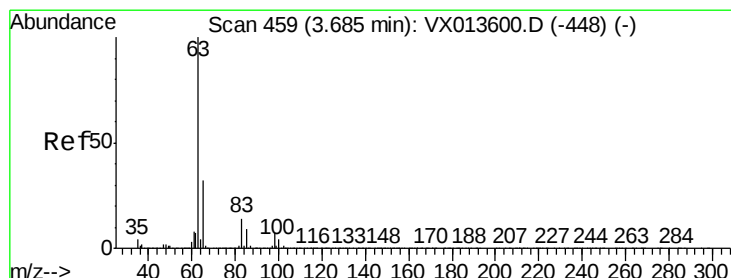
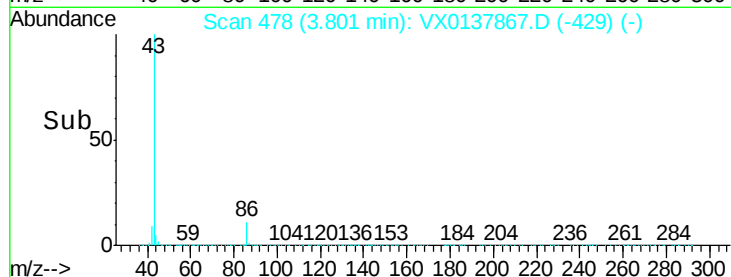
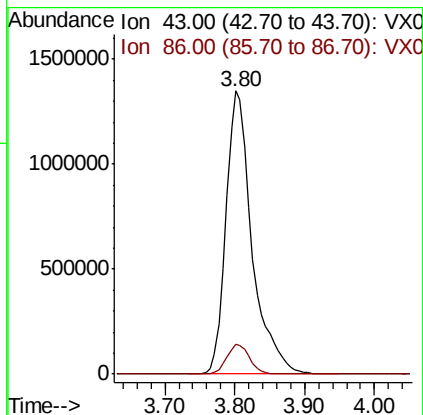
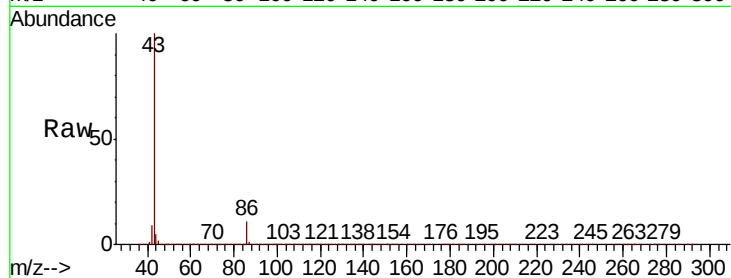
86 10.7 8.7 13.1

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 49.591 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX0137867.D

Acq: 09 Dec 2019 21:37

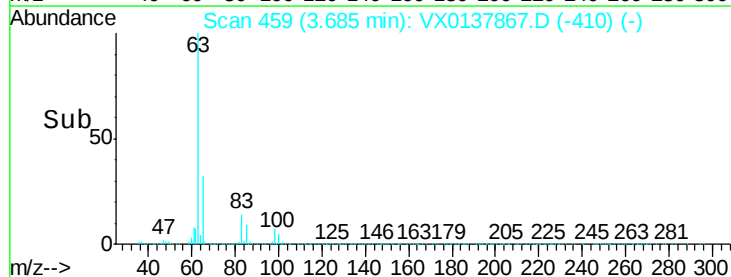
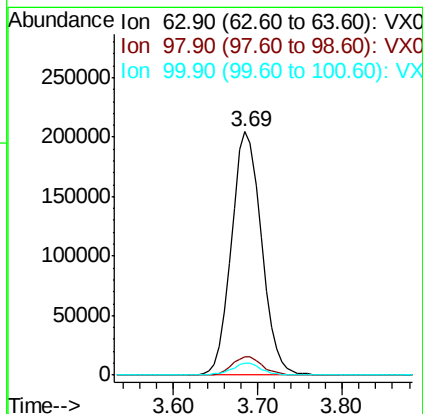
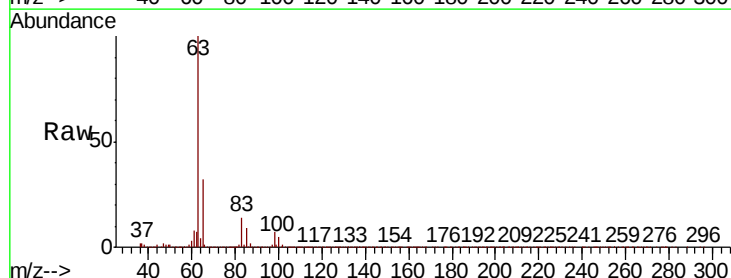
Tgt Ion: 63 Resp: 494046

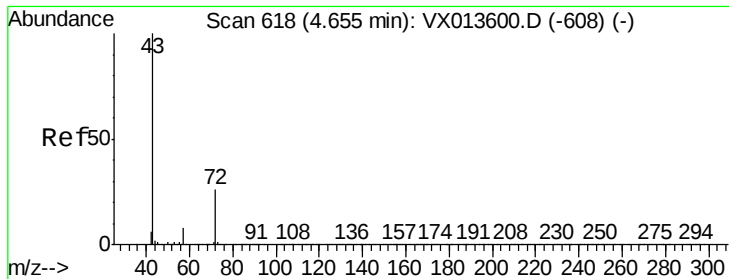
Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.4

100 5.0 2.1 6.3





#25

2-Butanone

Concen: 249.074 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX0137867.D

Acq: 09 Dec 2019 21:37

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 1162554

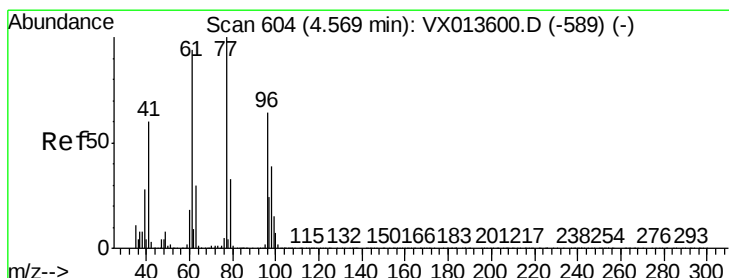
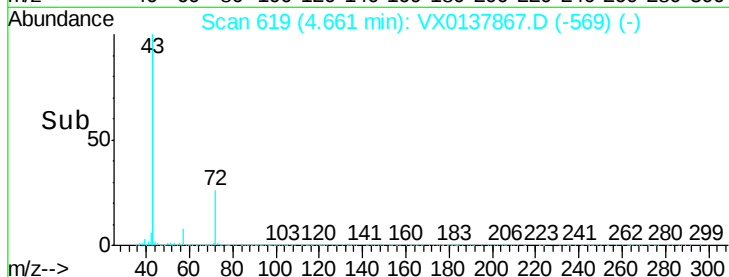
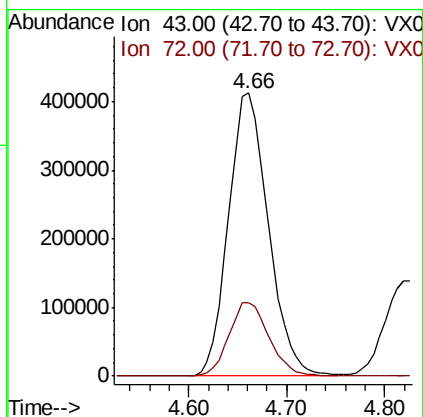
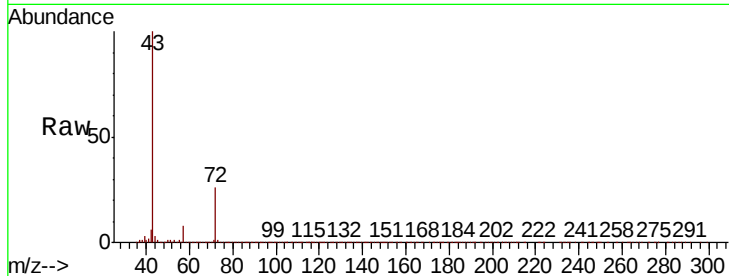
Ion Ratio Lower Upper

43 100

72 25.7 20.6 31.0

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#26

2,2-Dichloropropane

Concen: 38.410 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX0137867.D

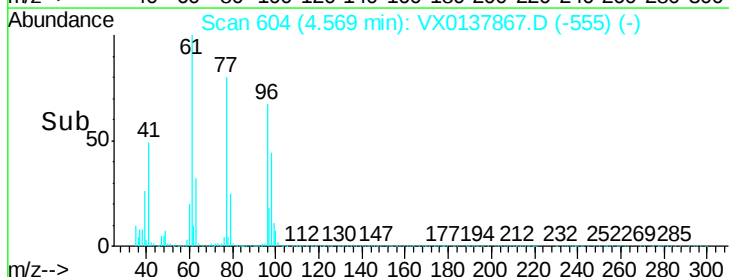
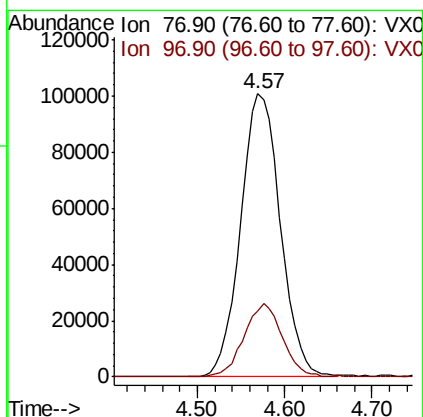
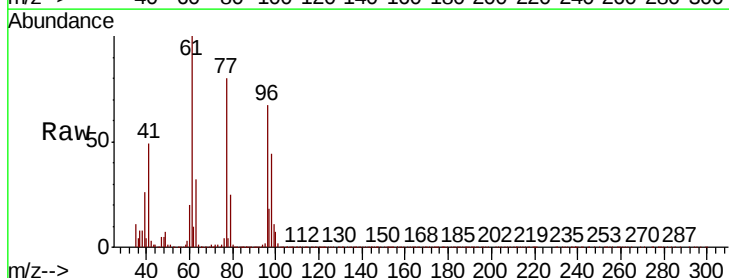
Acq: 09 Dec 2019 21:37

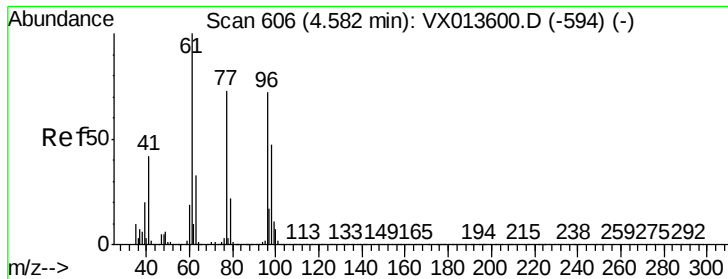
Tgt Ion: 77 Resp: 316598

Ion Ratio Lower Upper

77 100

97 24.8 12.0 36.1





#27

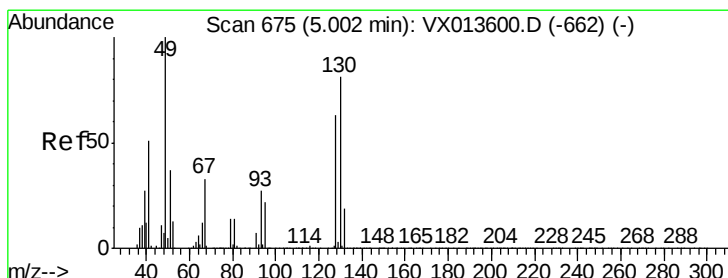
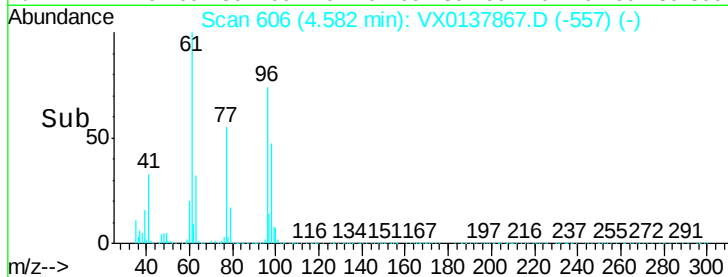
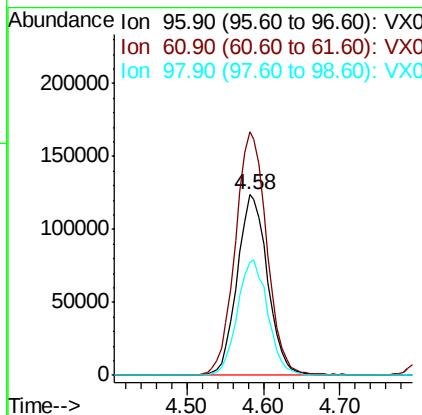
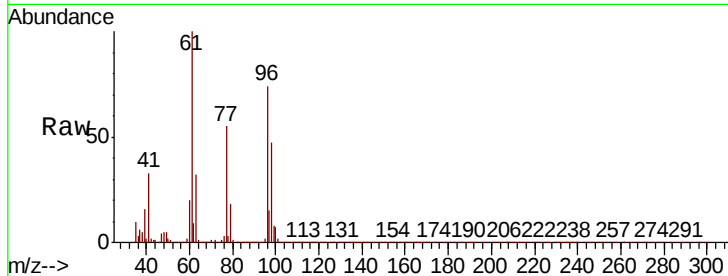
cis-1,2-Dichloroethene
Concen: 52.352 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX0137867.D
Acq: 09 Dec 2019 21:37

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Resp	Lower	Upper
96	100	341573		
61	138.9	0.0	286.4	
98	63.8	0.0	127.4	

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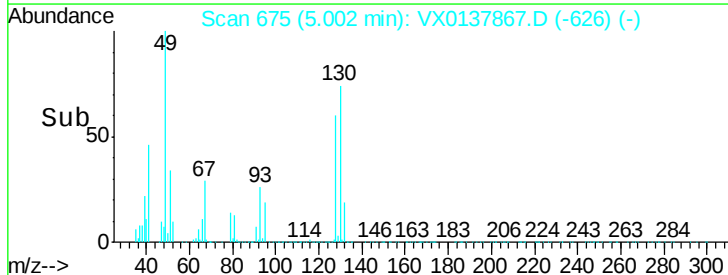
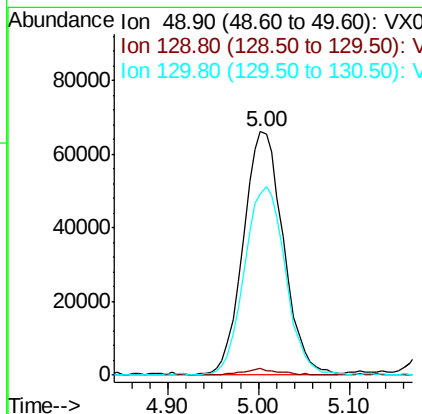
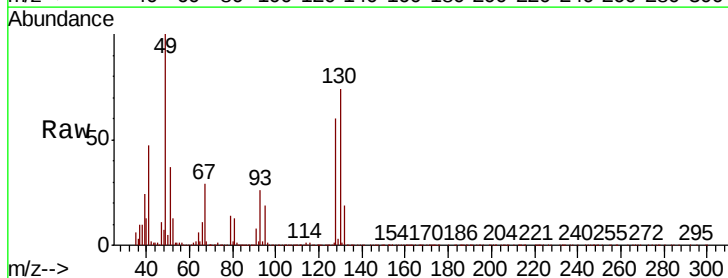
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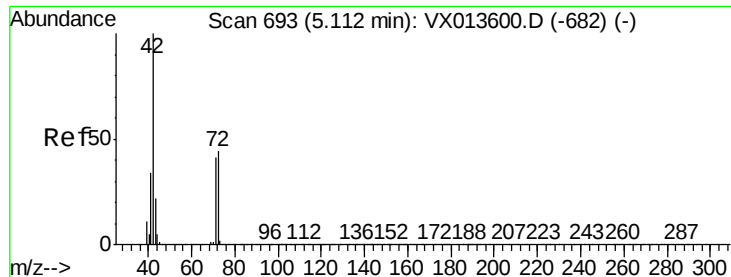


#28

Bromochloromethane
Concen: 51.044 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX0137867.D
Acq: 09 Dec 2019 21:37

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	200955		
129	2.6	0.0	5.0	
130	78.8	65.4	98.0	





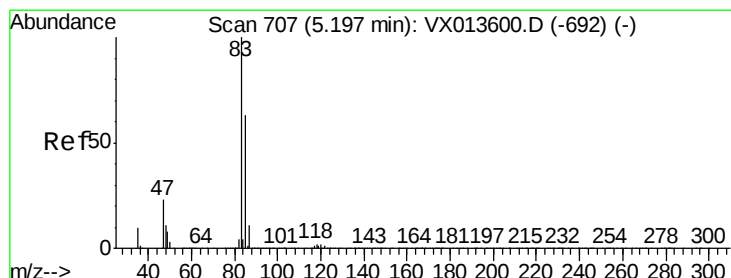
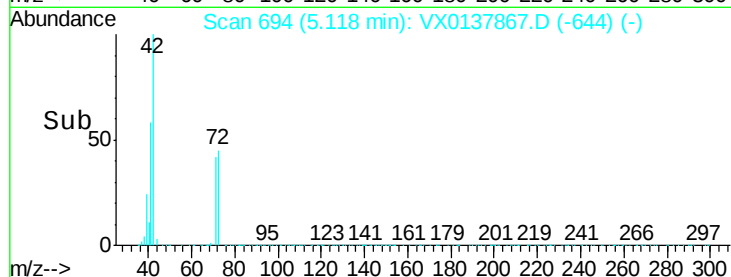
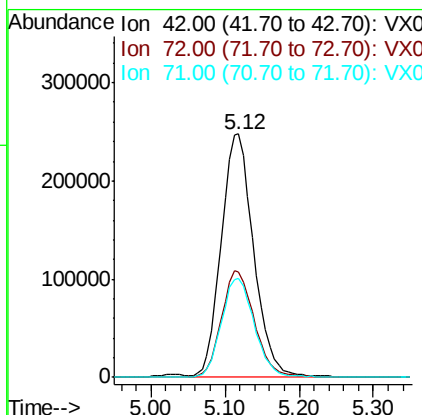
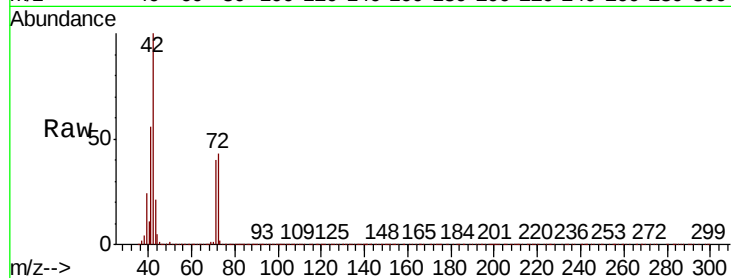
#29
Tetrahydrofuran
Concen: 259.608 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX0137867.D
Acq: 09 Dec 2019 21:37

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.8	36.3	54.5
71	41.7	33.2	49.8

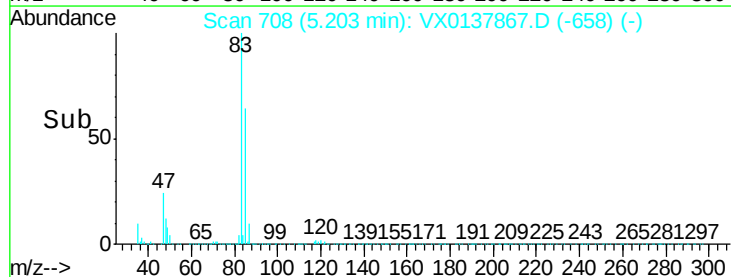
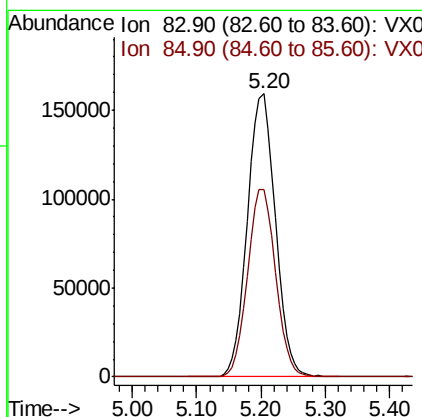
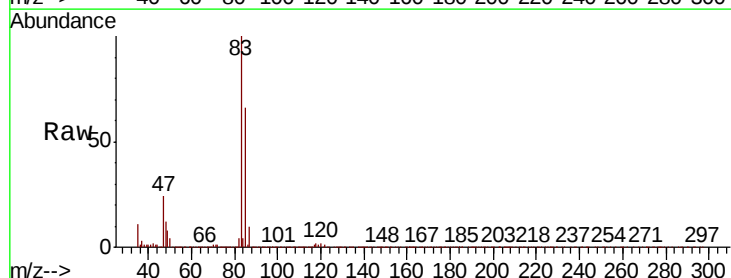
Manual Integrations
APPROVED

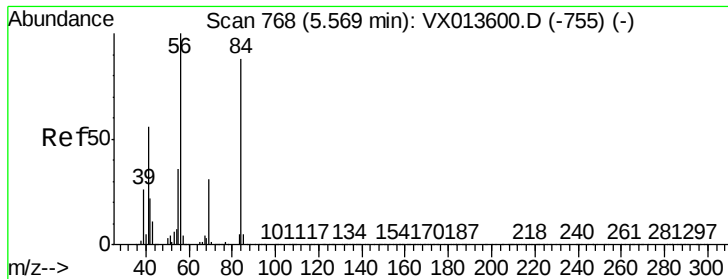
apatel
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#30
Chloroform
Concen: 47.013 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX0137867.D
Acq: 09 Dec 2019 21:37

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.0	50.2	75.4





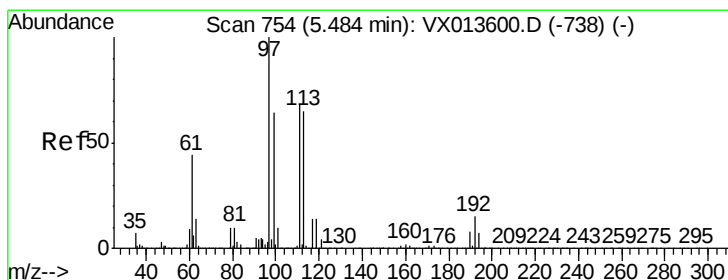
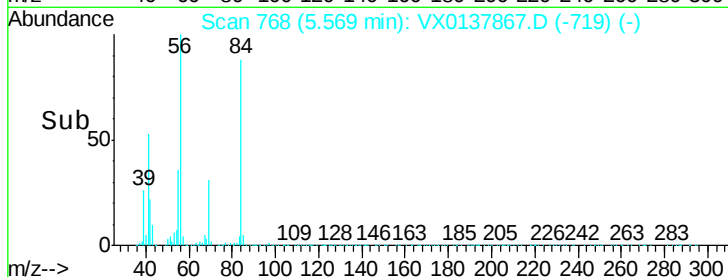
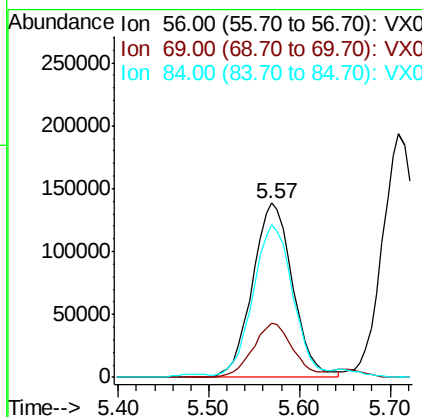
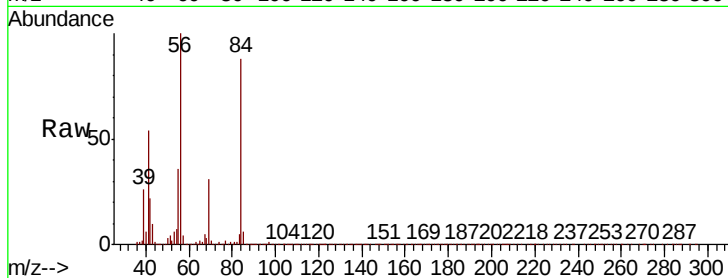
#31
Cyclohexane
Concen: 45.231 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX0137867.D
Acq: 09 Dec 2019 21:37

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.8	24.6	36.8
84	86.3	70.0	105.0

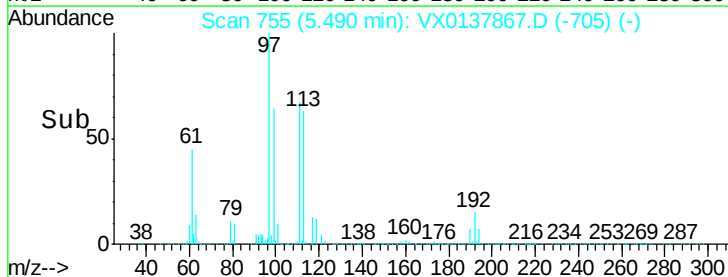
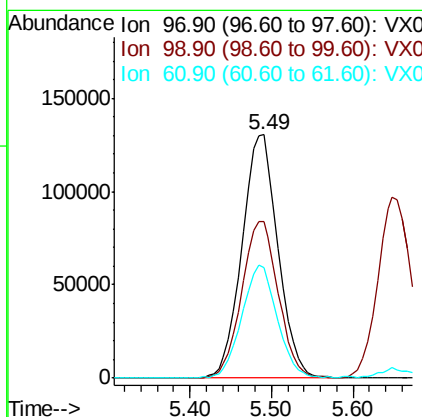
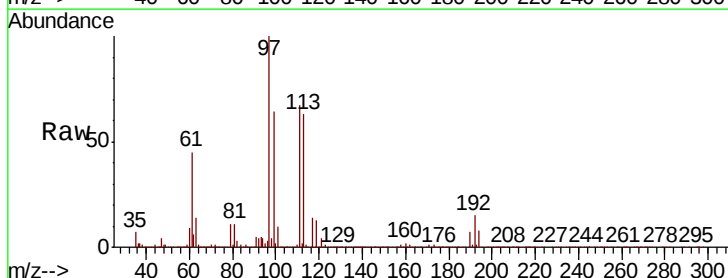
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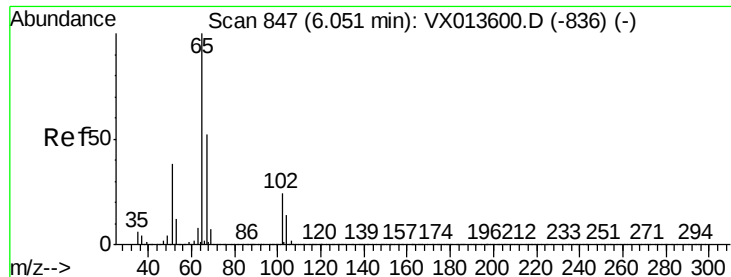
apatel
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#32
1,1,1-Trichloroethane
Concen: 47.244 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX0137867.D
Acq: 09 Dec 2019 21:37

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.2	51.6	77.4
61	45.5	36.1	54.1





#33

1,2-Dichloroethane-d4

Concen: 45.093 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX0137867.D

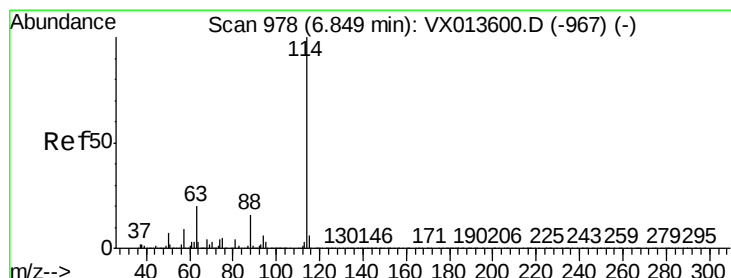
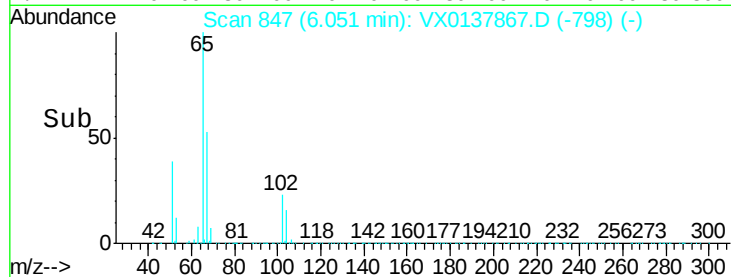
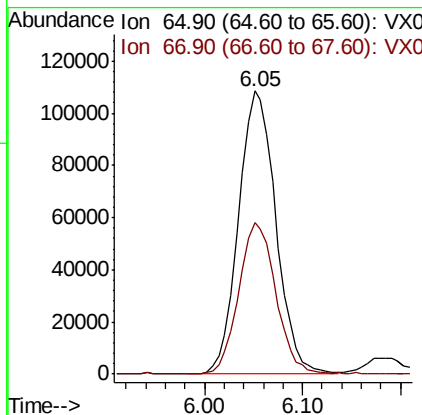
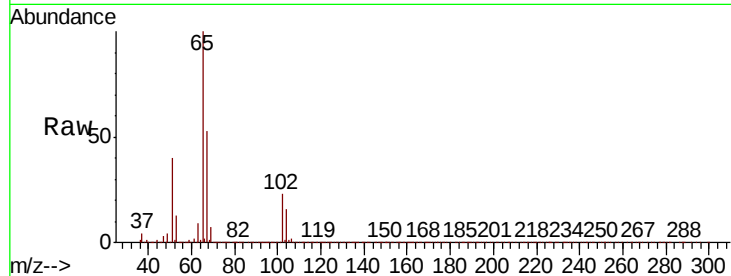
Acq: 09 Dec 2019 21:37

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Resp	Lower	Upper
65	100	286843		
67	52.6	0.0	104.4	

Manual Integrations
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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

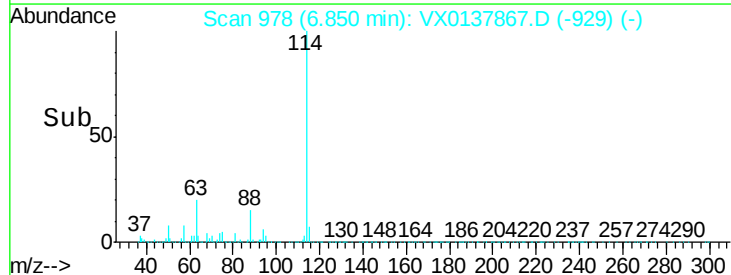
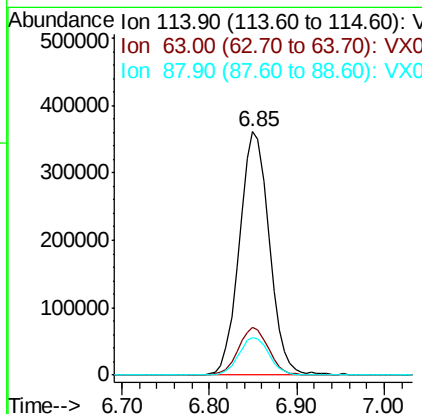
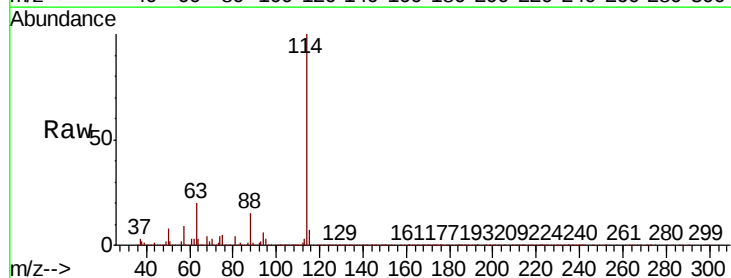
RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX0137867.D

Acq: 09 Dec 2019 21:37

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	858691		
63	19.6	0.0	39.6	
88	15.3	0.0	31.4	





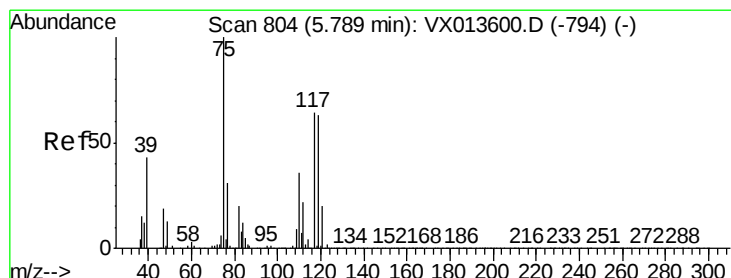
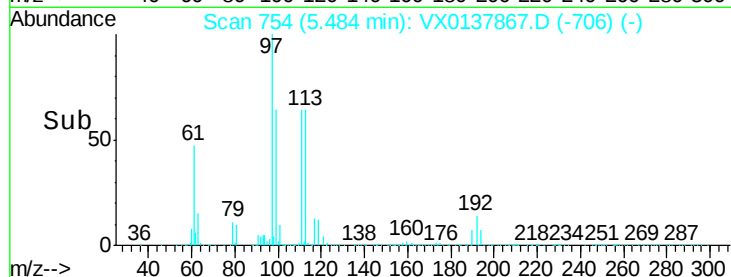
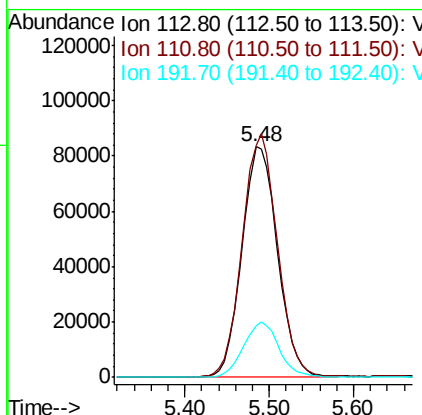
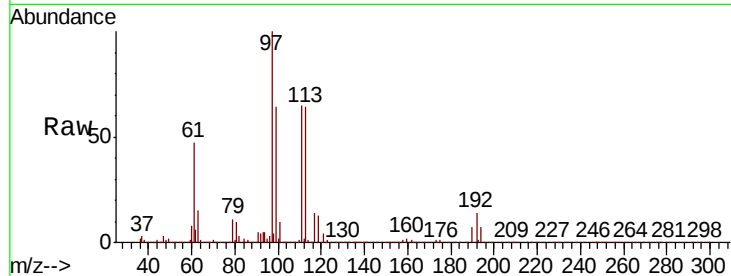
#35
 Dibromofluoromethane
 Concen: 44.882 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX0137867.D
 Acq: 09 Dec 2019 21:37

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Resp	Lower	Upper
113	100	238255		
111	104.7	83.6	125.4	
192	24.0	19.2	28.8	

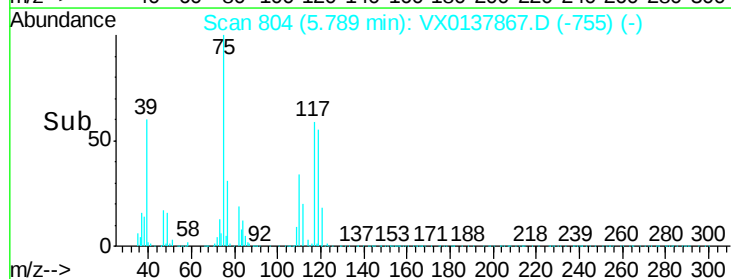
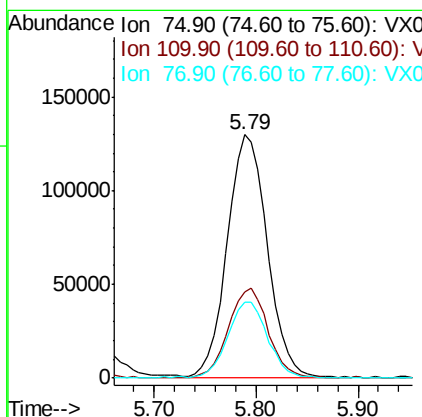
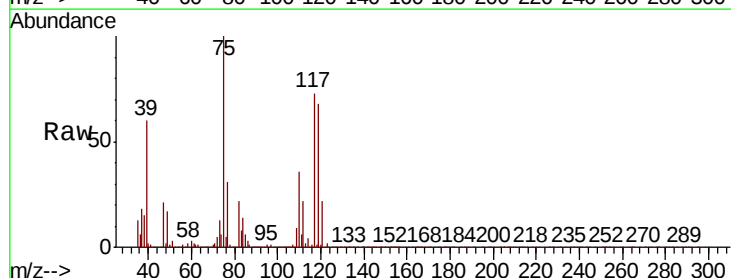
Manual Integrations
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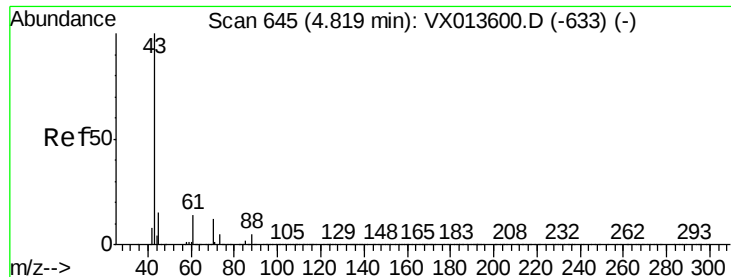
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#36
 1,1-Dichloropropene
 Concen: 45.166 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX0137867.D
 Acq: 09 Dec 2019 21:37

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	352061		
110	36.8	18.1	54.1	
77	30.8	24.5	36.7	





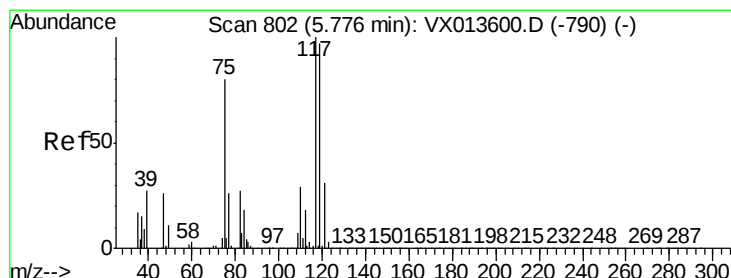
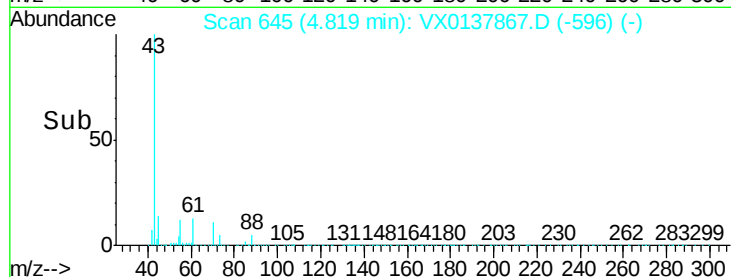
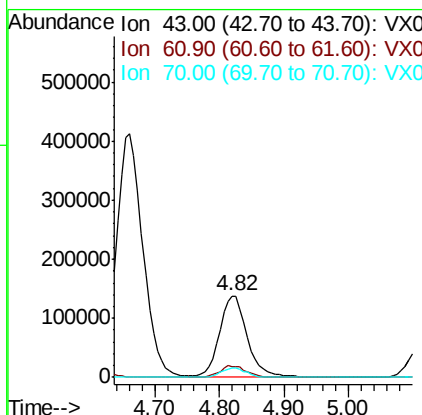
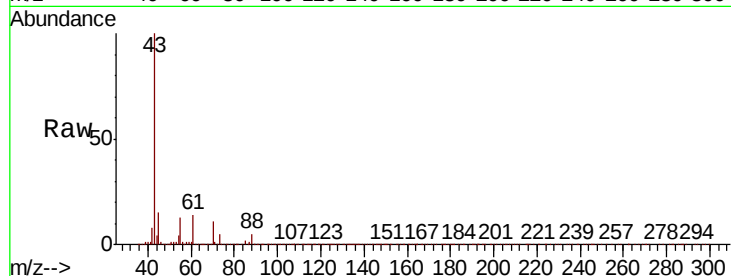
#37
Ethyl Acetate
Concen: 47.227 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX0137867.D
Acq: 09 Dec 2019 21:37

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	11.0	16.4
70	10.7	8.6	12.8

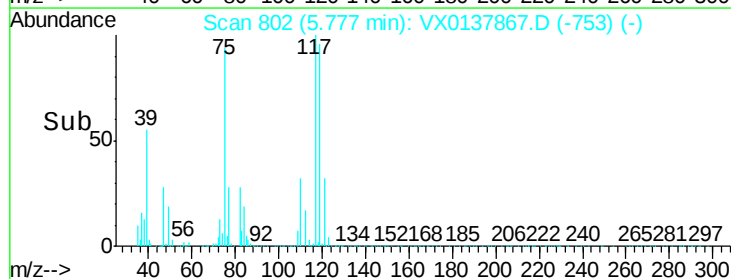
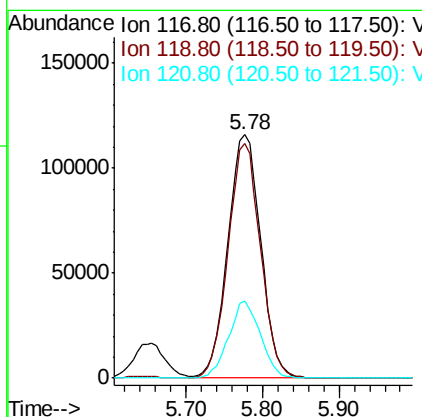
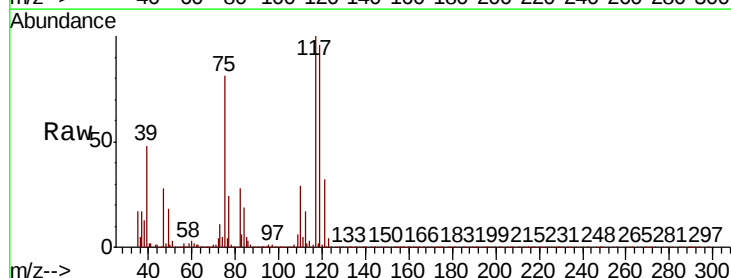
Manual Integrations
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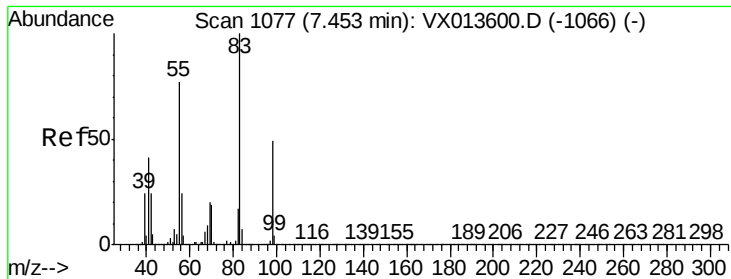
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#38
Carbon Tetrachloride
Concen: 47.772 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX0137867.D
Acq: 09 Dec 2019 21:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	77.5	116.3
121	31.6	25.0	37.6





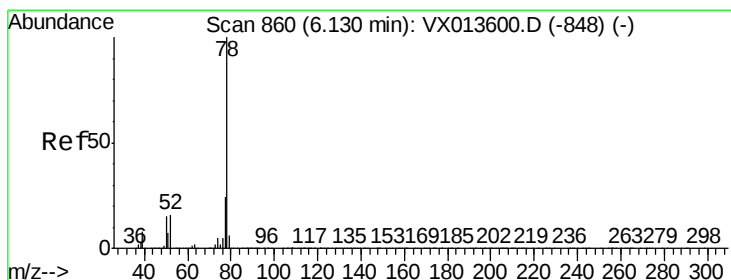
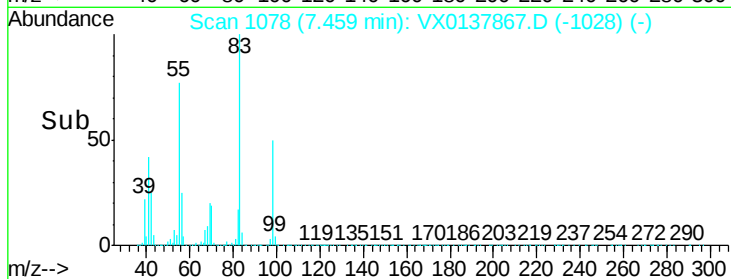
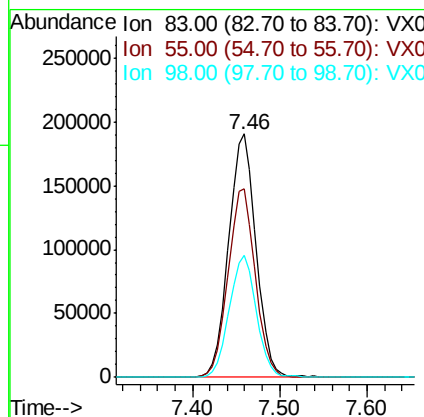
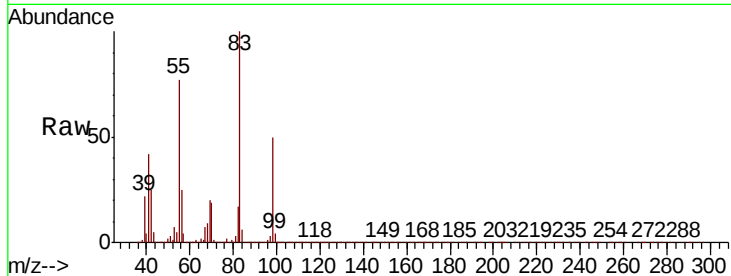
#39
Methvlcvclohexane
Concen: 42.972 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX0137867.D
Acq: 09 Dec 2019 21:37

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.4	61.9	92.9
98	50.1	39.4	59.0

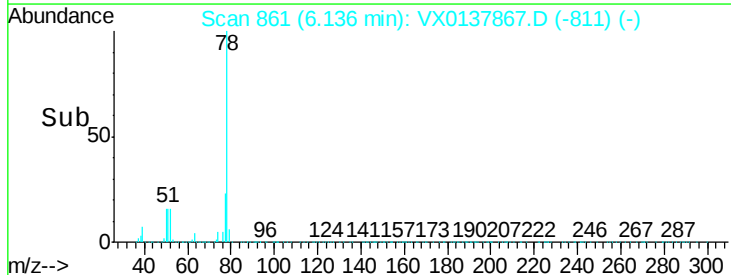
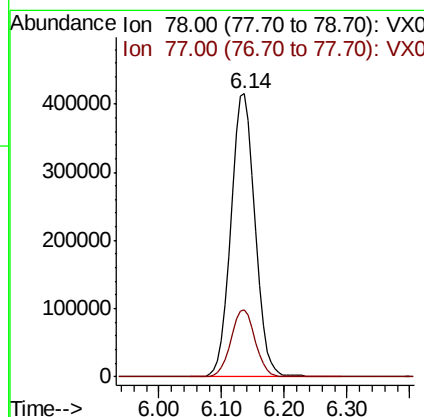
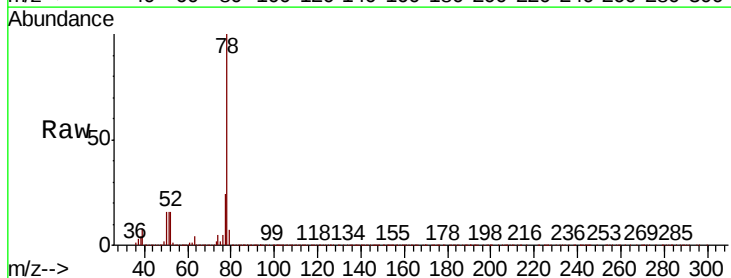
Manual Integrations
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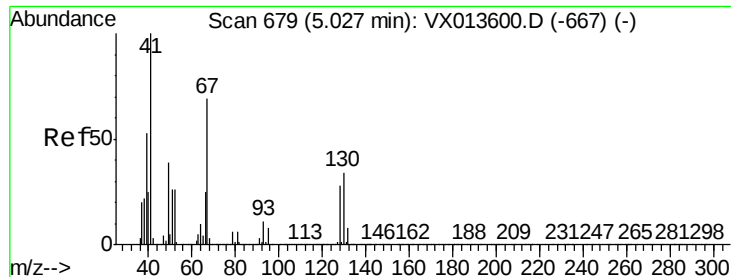
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#40
Benzene
Concen: 46.614 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX0137867.D
Acq: 09 Dec 2019 21:37

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.0	28.4





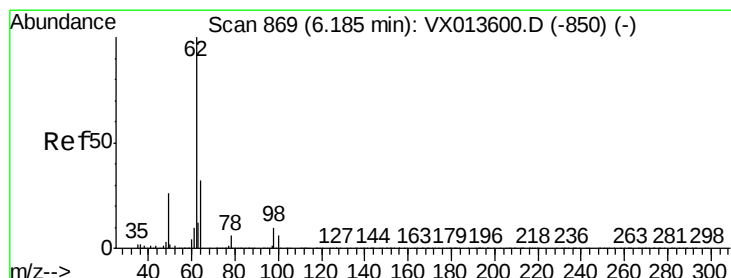
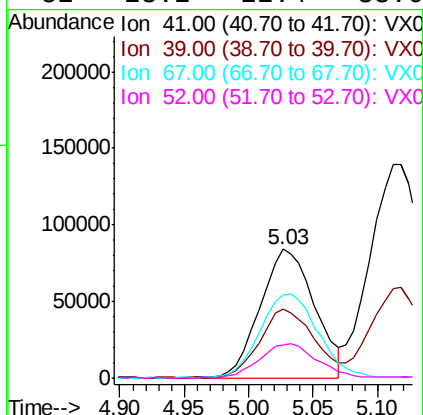
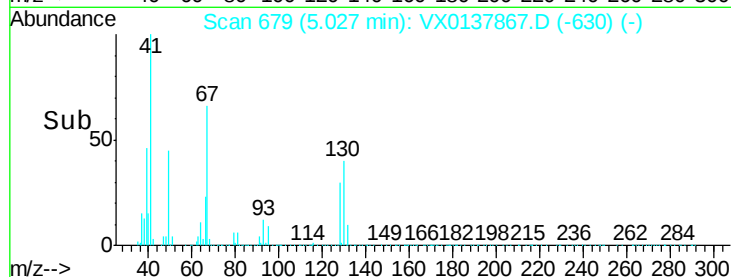
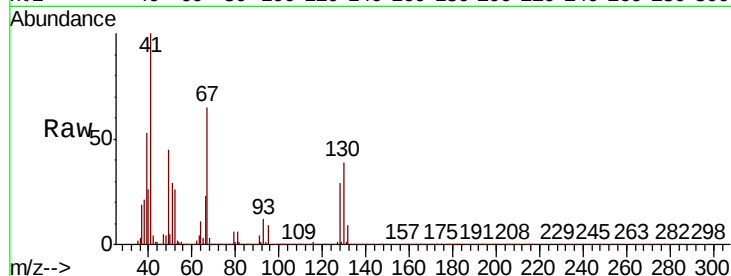
#41
Methacrylonitrile
Concen: 51.628 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX0137867.D
Acq: 09 Dec 2019 21:37

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		247592		
39	52.7	42.9	64.3		
67	69.5	57.4	86.0		
52	28.2	22.4	33.6		

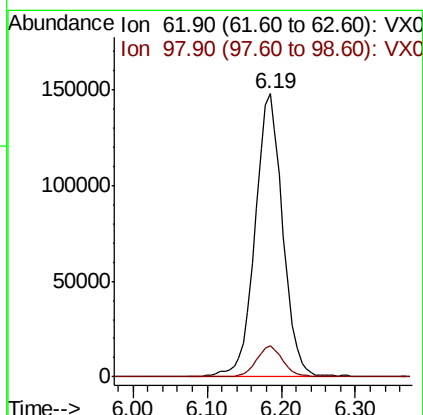
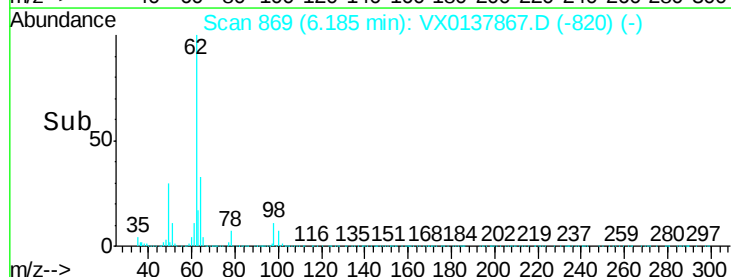
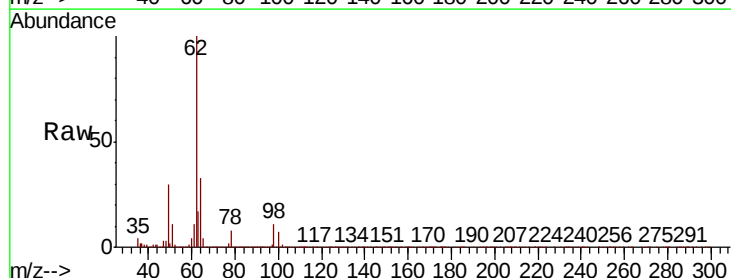
Manual Integrations
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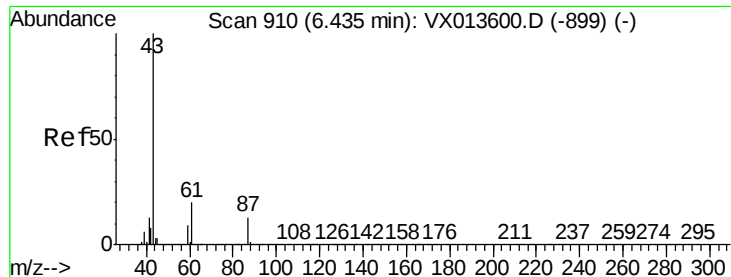
apatel
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#42
1,2-Dichloroethane
Concen: 47.259 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX0137867.D
Acq: 09 Dec 2019 21:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		382627		
98	10.4	0.0	20.8		





#43

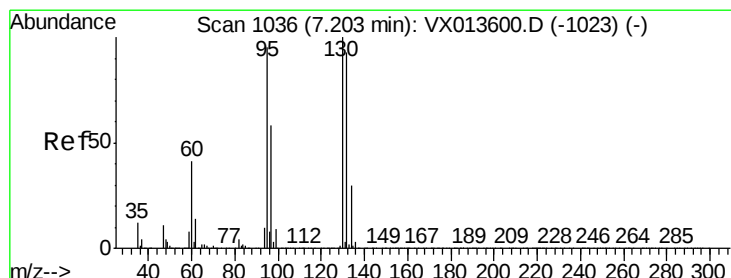
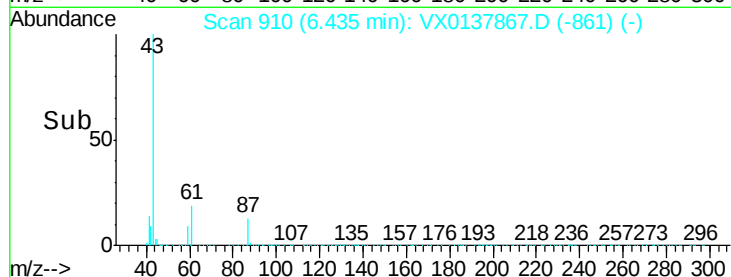
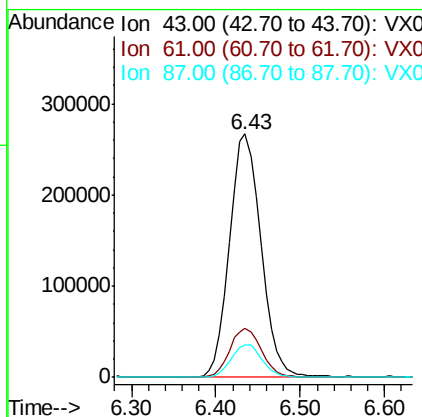
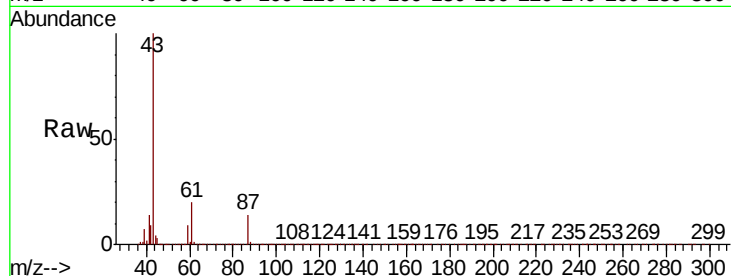
Isopropyl Acetate
 Concen: 46.610 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX0137867.D
 Acq: 09 Dec 2019 21:37

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.5	16.3	24.5
87	13.3	10.8	16.2

Manual Integrations
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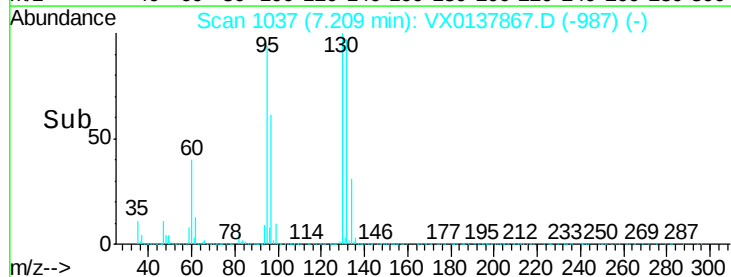
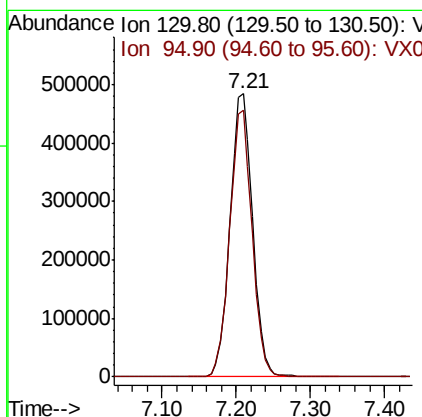
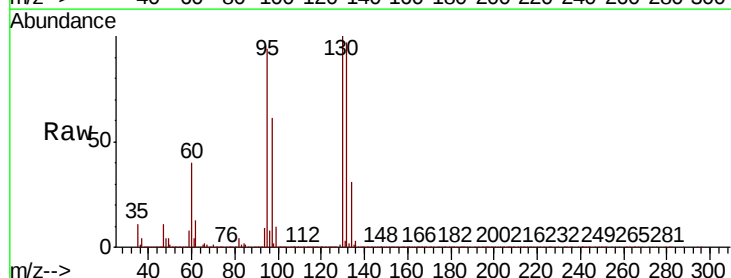
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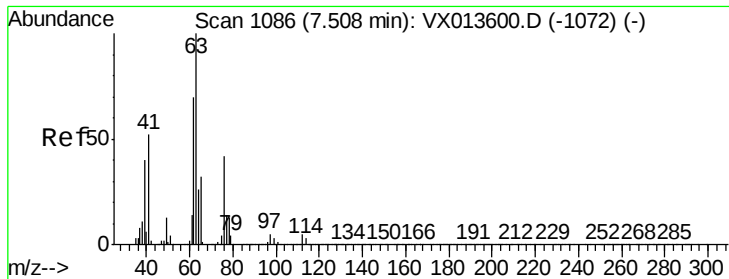


#44

Trichloroethene
 Concen: 158.019 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX0137867.D
 Acq: 09 Dec 2019 21:37

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.4	0.0	190.8





#45

1,2-Dichloropropane

Concen: 49.050 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX0137867.D

Acq: 09 Dec 2019 21:37

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 63 Resp: 291345

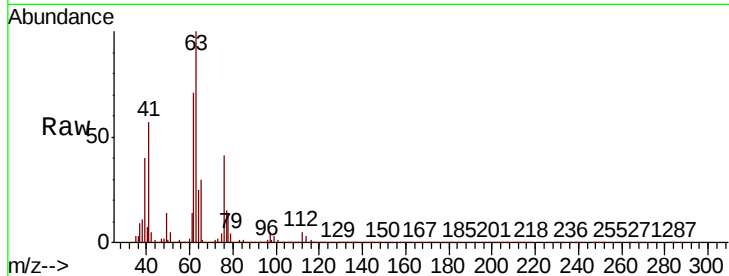
Ion Ratio Lower Upper

63 100

65 30.2 25.5 38.3

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

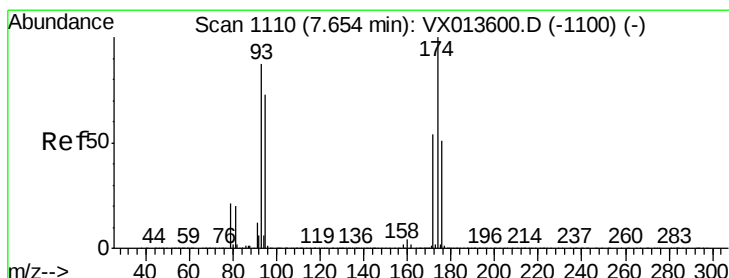
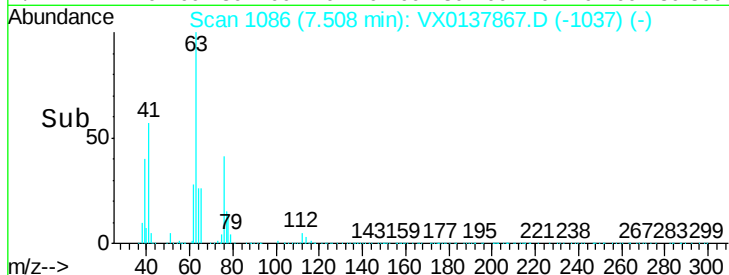
150000

100000

50000

0

Time-->



#46

Dibromomethane

Concen: 46.574 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX0137867.D

Acq: 09 Dec 2019 21:37

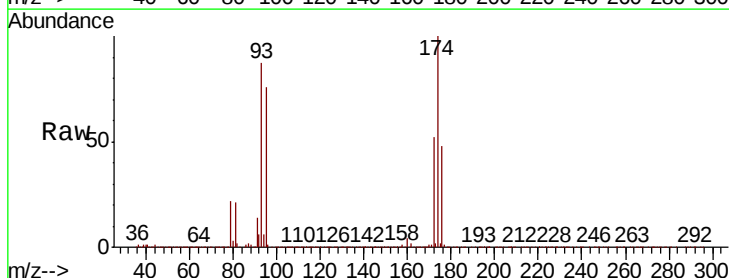
Tgt Ion: 93 Resp: 187885

Ion Ratio Lower Upper

93 100

95 83.5 66.2 99.2

174 115.9 93.4 140.0



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

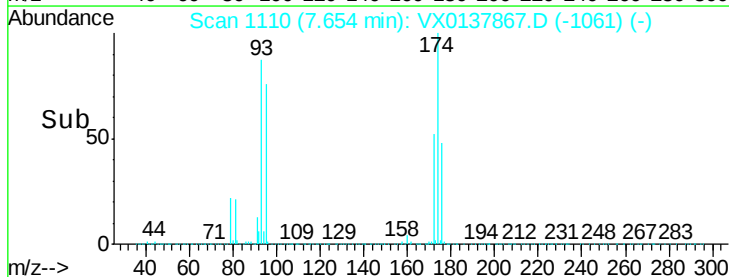
150000

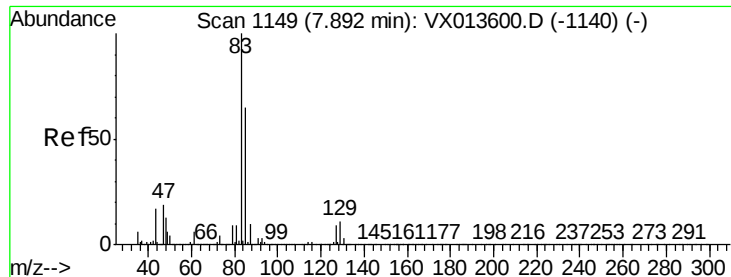
100000

50000

0

Time-->





#47

Bromodichloromethane

Concen: 48.377 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX0137867.D

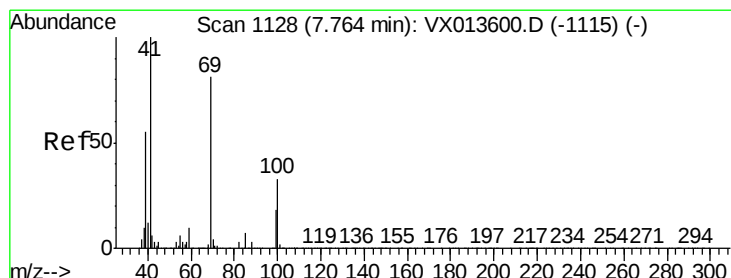
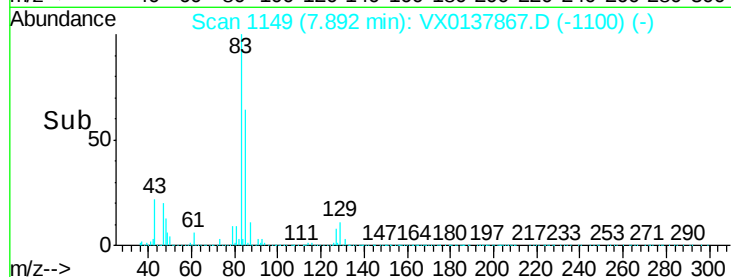
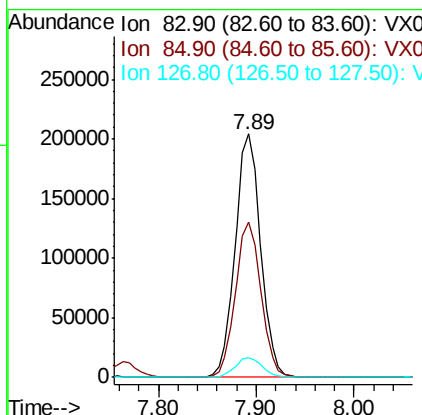
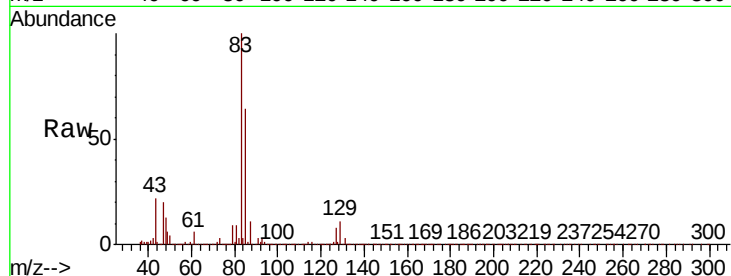
Acq: 09 Dec 2019 21:37

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	83	Resp:	368937
Ion	Ratio	Lower	Upper
83	100		
85	63.7	52.1	78.1
127	8.1	7.0	10.4

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#48

Methyl methacrylate

Concen: 49.963 ug/l

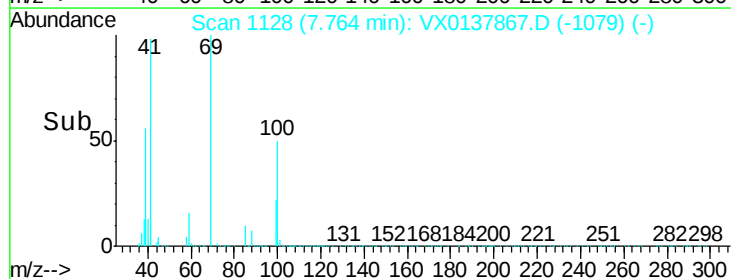
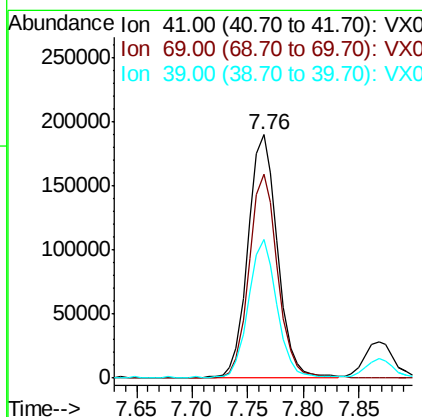
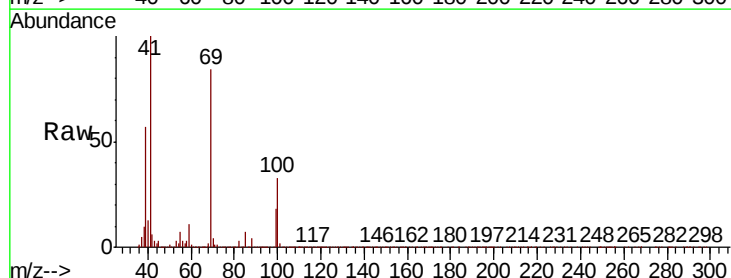
RT: 7.76 min Scan# 1128

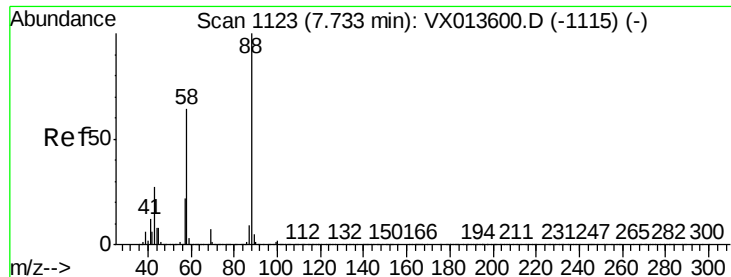
Delta R.T. 0.00 min

Lab File: VX0137867.D

Acq: 09 Dec 2019 21:37

Tgt Ion:	41	Resp:	349480
Ion	Ratio	Lower	Upper
41	100		
69	81.3	64.7	97.1
39	54.7	43.8	65.6





#49

1,4-Dioxane

Concen: 1055.057 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX0137867.D

Acq: 09 Dec 2019 21:37

Instrument :

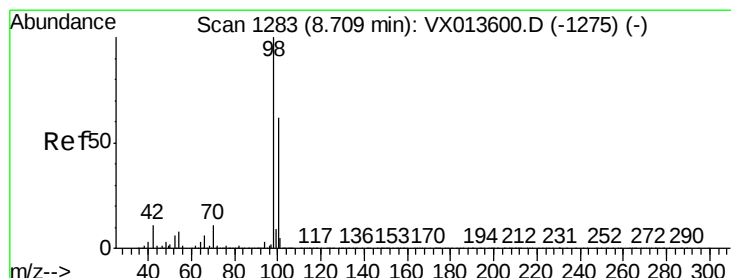
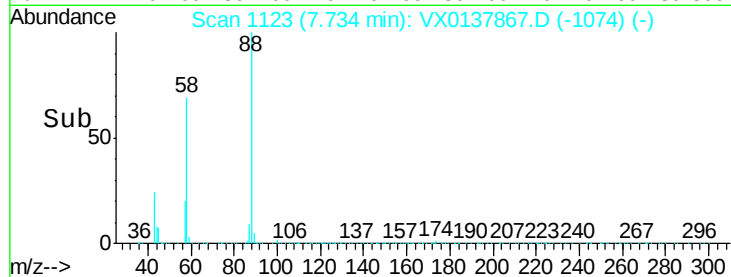
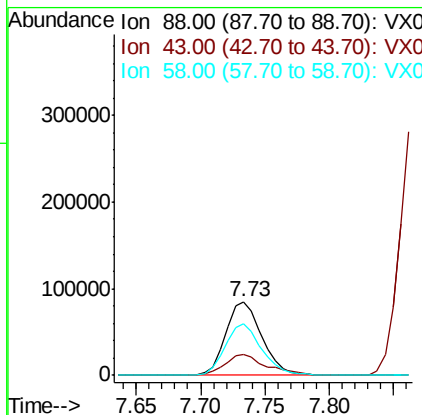
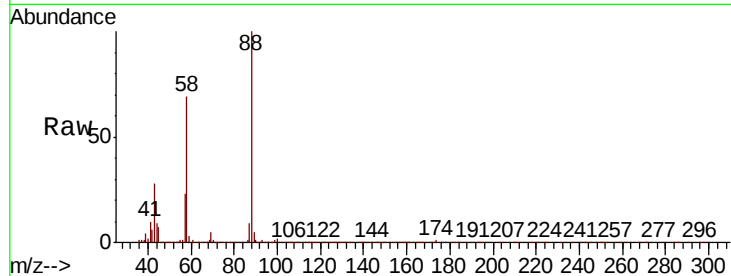
MSVOA_X

ClientSampled :

Tot Ion:	88	Resp:	165191
Ion Ratio	Lower	Upper	
88	100		
43	31.8	25.8	38.6
58	70.7	54.6	82.0

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#50

Toluene-d8

Concen: 43.831 ug/l

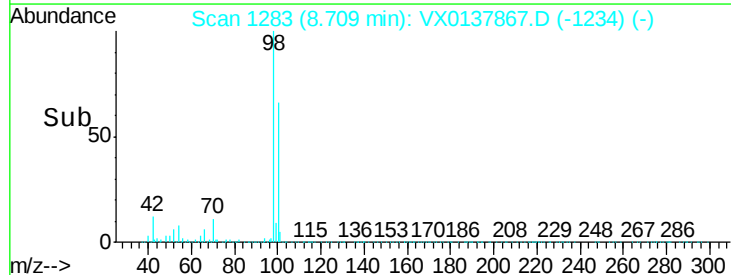
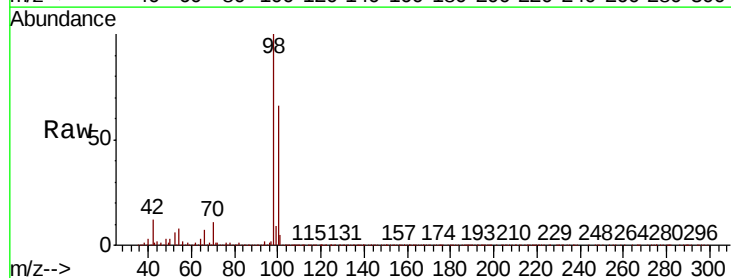
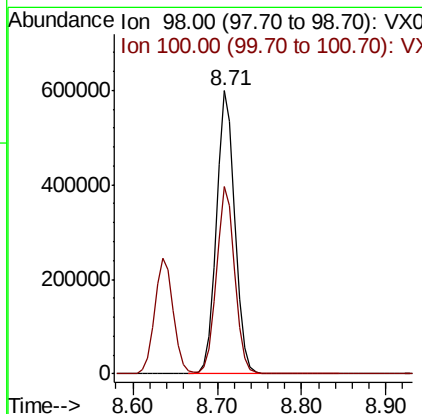
RT: 8.71 min Scan# 1283

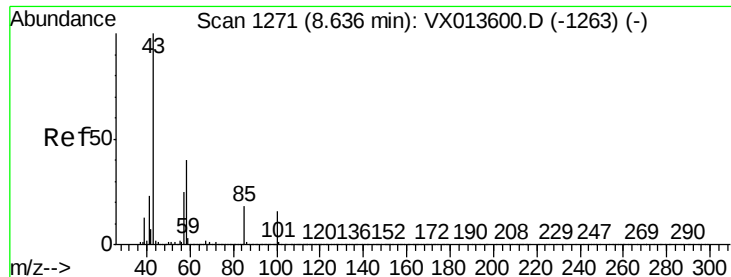
Delta R.T. 0.00 min

Lab File: VX0137867.D

Acq: 09 Dec 2019 21:37

Tgt Ion:	98	Resp:	906532
Ion Ratio	Lower	Upper	
98	100		
100	65.6	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 253.514 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX0137867.D

Acq: 09 Dec 2019 21:37

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 43 Resp: 2295717

Ion Ratio Lower Upper

43 100

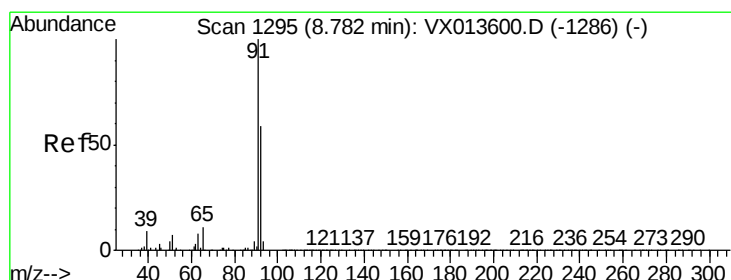
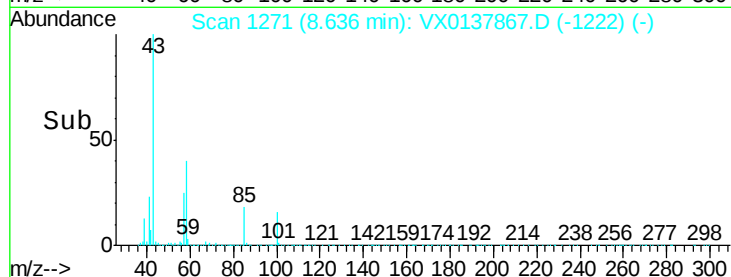
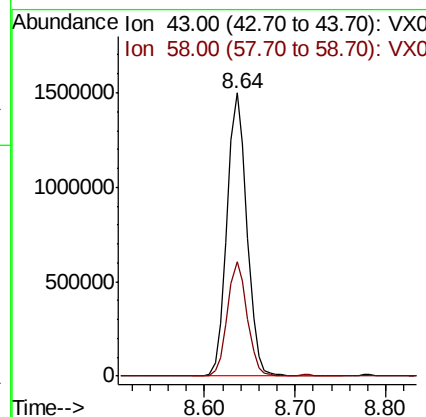
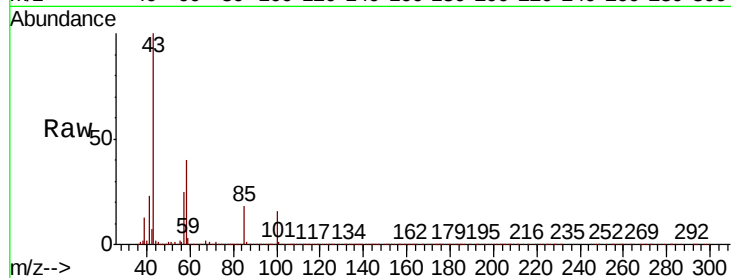
58 39.9 32.1 48.1

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#52

Toluene

Concen: 46.617 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX0137867.D

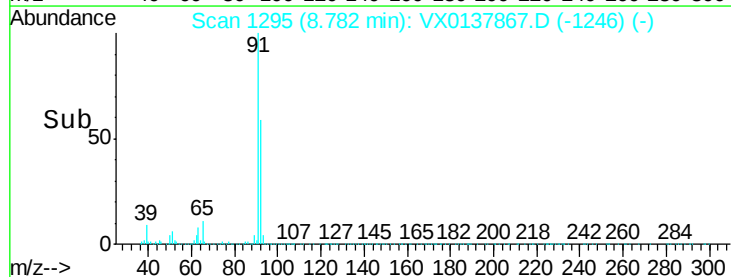
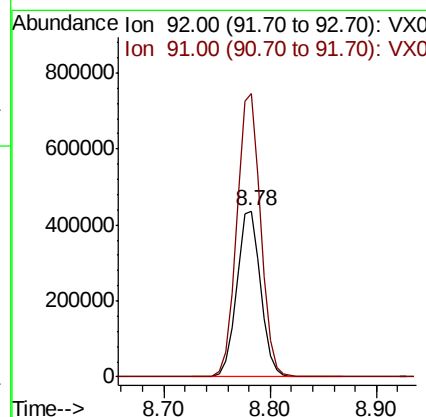
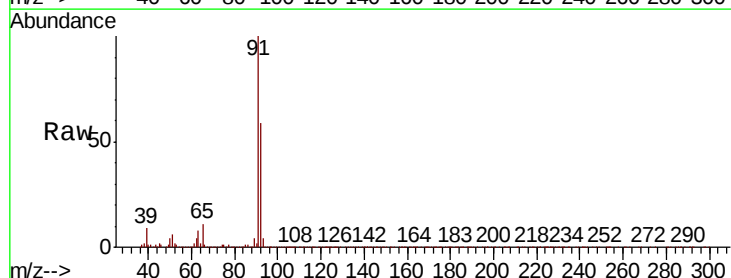
Acq: 09 Dec 2019 21:37

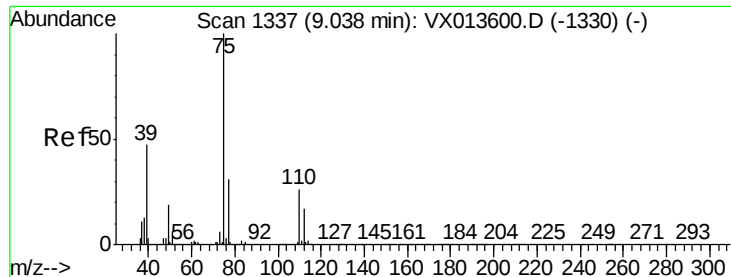
Tgt Ion: 92 Resp: 687531

Ion Ratio Lower Upper

92 100

91 170.2 136.2 204.2





#53

t-1,3-Dichloropropene

Concen: 46.083 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX0137867.D

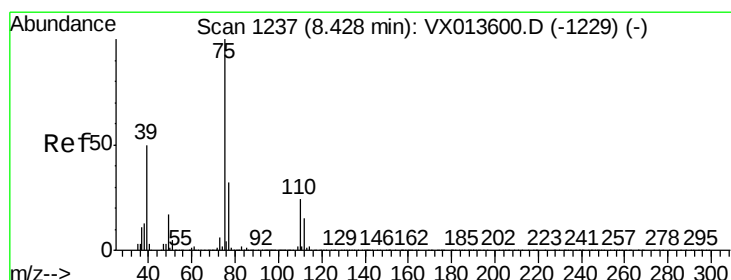
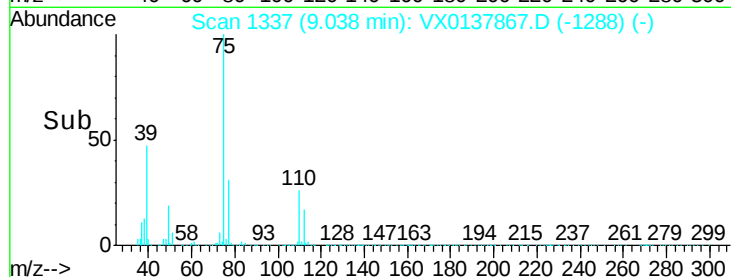
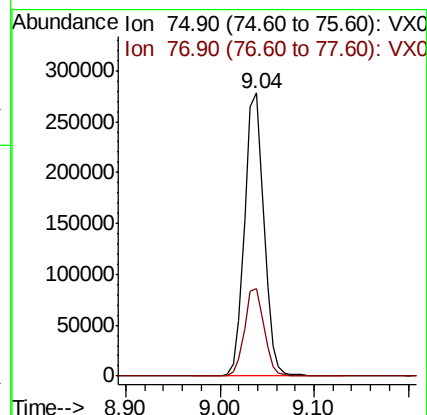
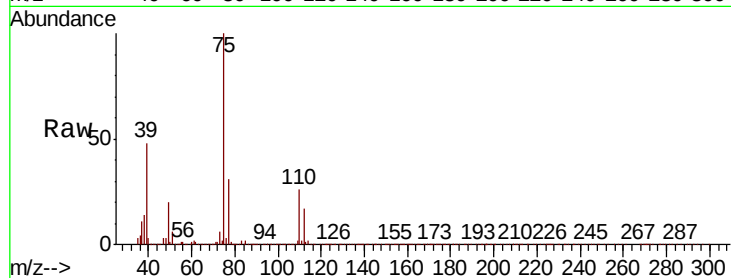
Acq: 09 Dec 2019 21:37

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.0	24.4	36.6

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#54

cis-1,3-Dichloropropene

Concen: 46.205 ug/l

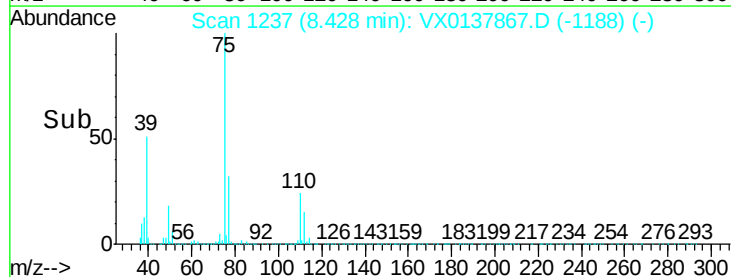
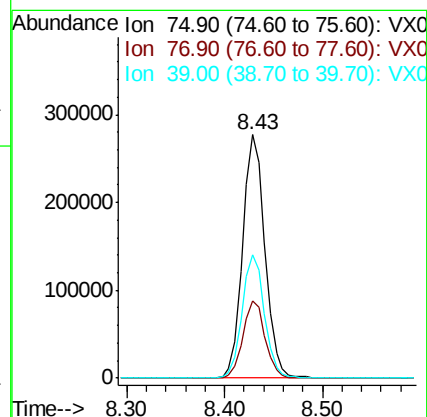
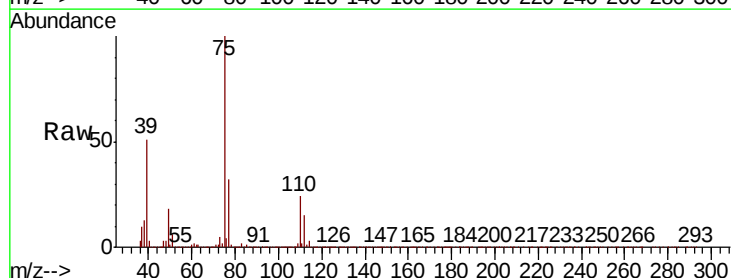
RT: 8.43 min Scan# 1237

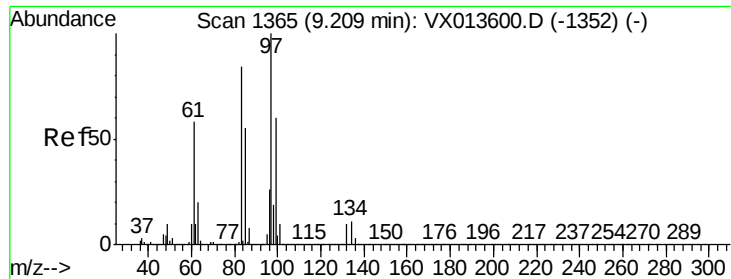
Delta R.T. 0.00 min

Lab File: VX0137867.D

Acq: 09 Dec 2019 21:37

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.8	38.6
39	50.7	39.9	59.9





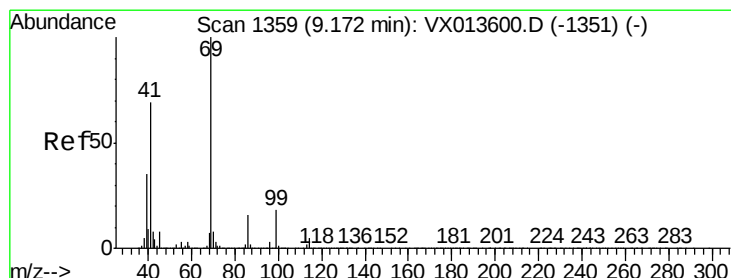
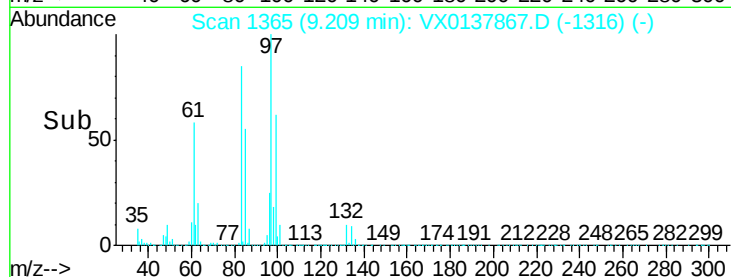
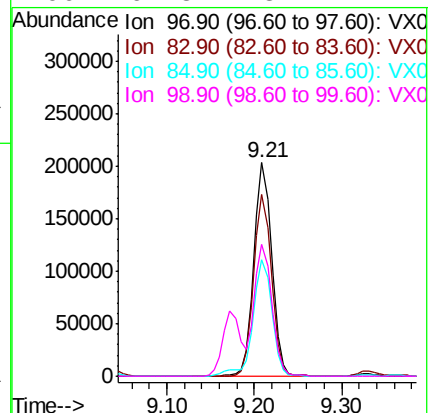
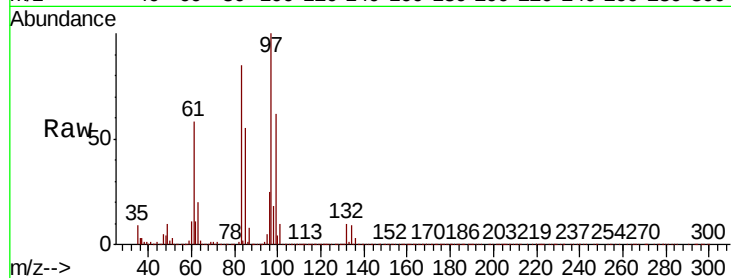
#55
 1,1,2-Trichloroethane
 Concen: 48.566 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX0137867.D
 Acq: 09 Dec 2019 21:37

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	288645
Ion Ratio	Lower	Upper	
97	100		
83	84.8	67.3	100.9
85	54.5	43.6	65.4
99	61.8	48.2	72.4

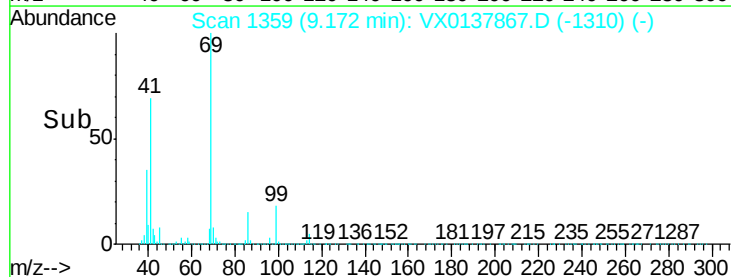
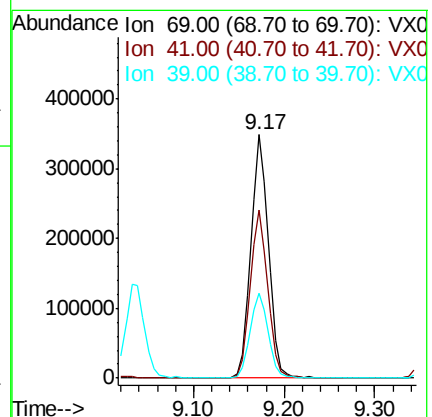
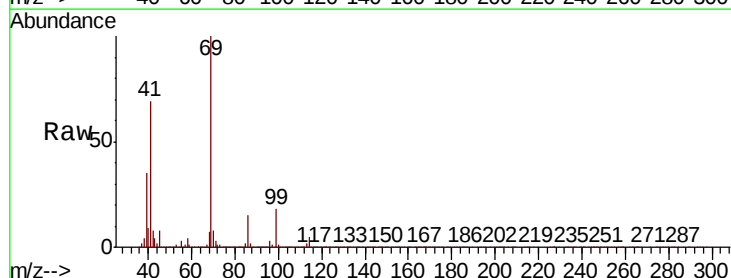
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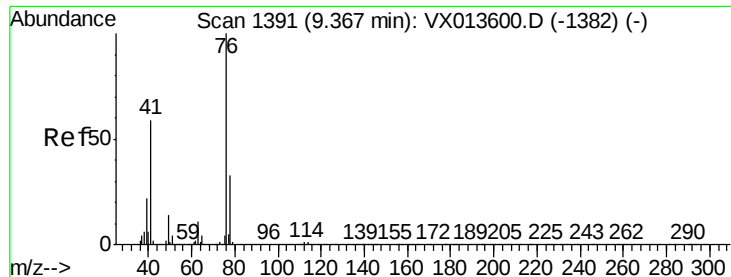
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#56
 Ethyl methacrylate
 Concen: 48.954 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX0137867.D
 Acq: 09 Dec 2019 21:37

Tgt Ion:	69	Resp:	467776
Ion Ratio	Lower	Upper	
69	100		
41	68.3	55.0	82.4
39	35.5	28.7	43.1





#57

1,3-Dichloropropane

Concen: 47.236 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX0137867.D

Acq: 09 Dec 2019 21:37

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 76 Resp: 483904

Ion Ratio Lower Upper

76 100

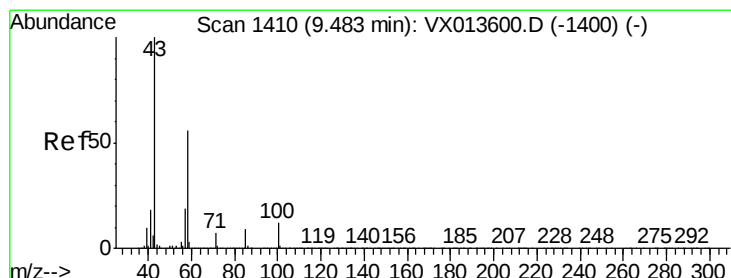
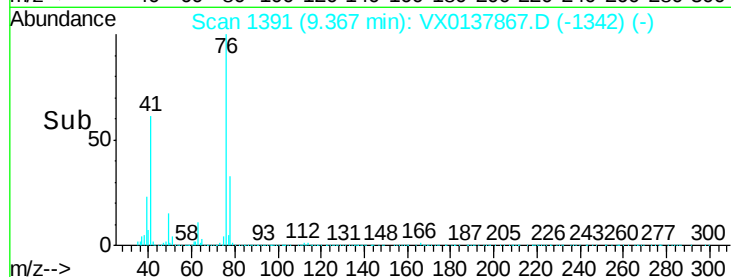
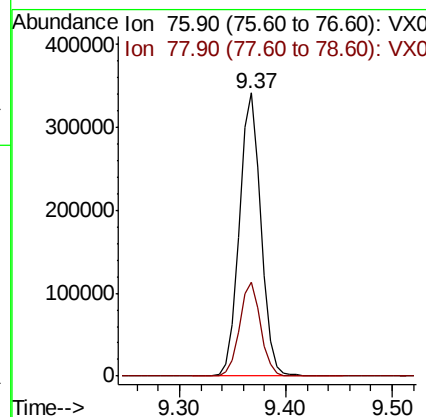
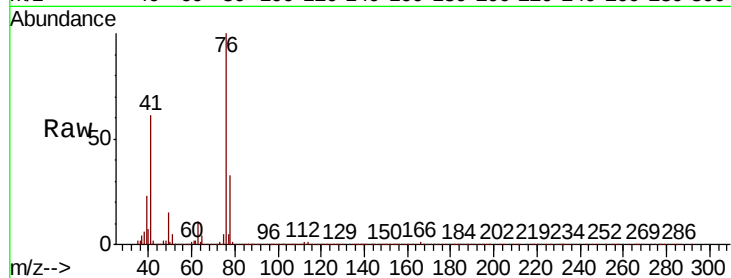
78 32.7 26.0 39.0

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#59

2-Hexanone

Concen: 252.434 ug/l

RT: 9.49 min Scan# 1411

Delta R.T. 0.01 min

Lab File: VX0137867.D

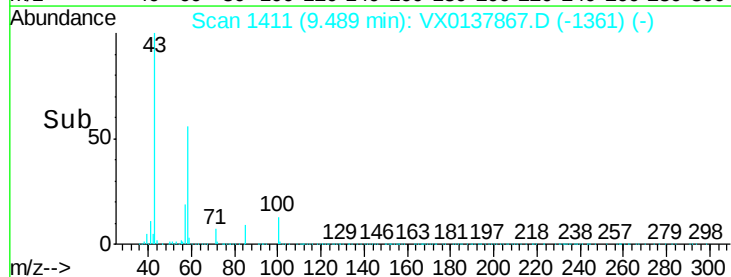
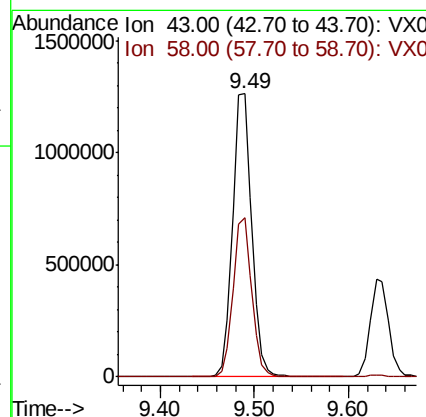
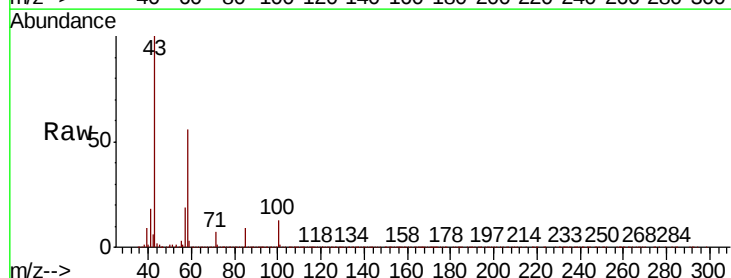
Acq: 09 Dec 2019 21:37

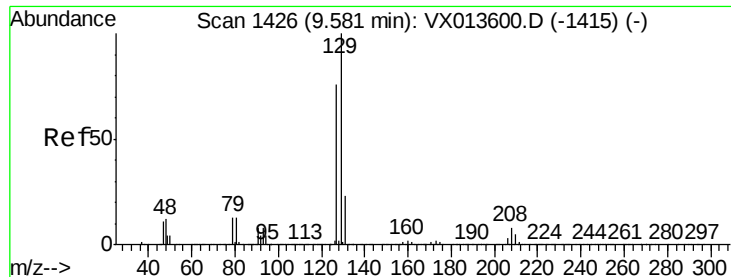
Tgt Ion: 43 Resp: 1782864

Ion Ratio Lower Upper

43 100

58 55.1 28.1 84.4





#60

Dibromochloromethane

Concen: 47.928 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.01 min

Lab File: VX0137867.D

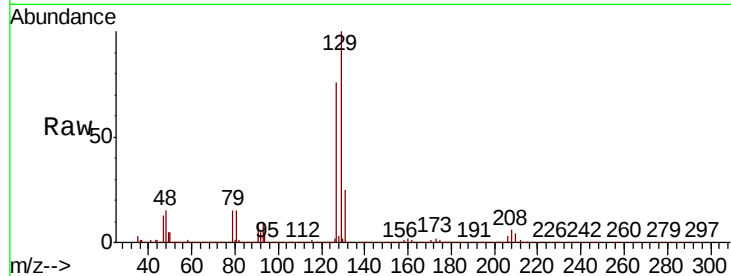
Acq: 09 Dec 2019 21:37

Instrument :
MSVOA_X
ClientSampled :

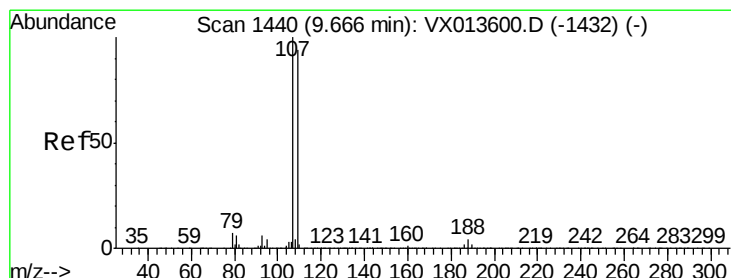
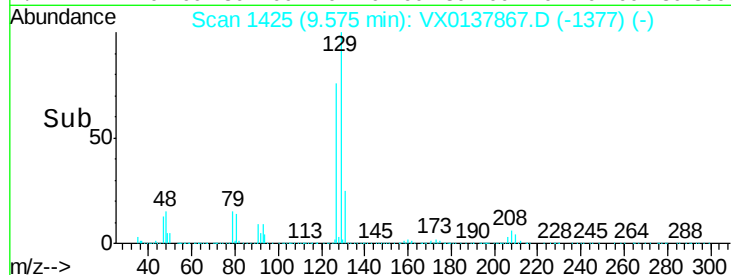
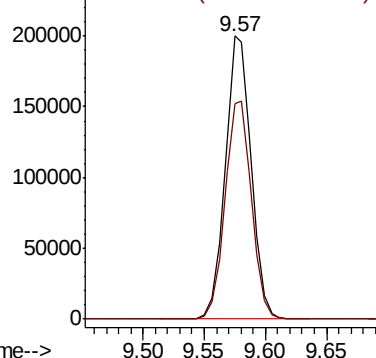
Tot Ion	Ion	Ratio	Resp	Lower	Upper
129	100		295614		
127	78.6	38.5	115.5		

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Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 46.871 ug/l

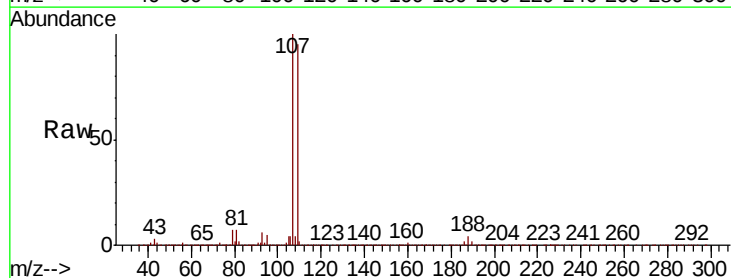
RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

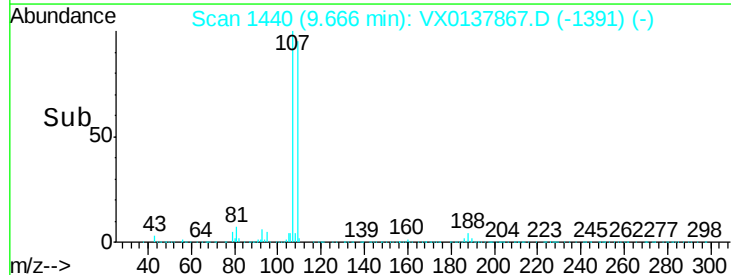
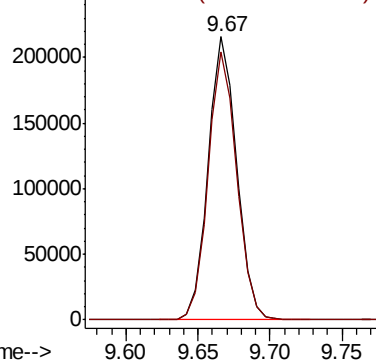
Lab File: VX0137867.D

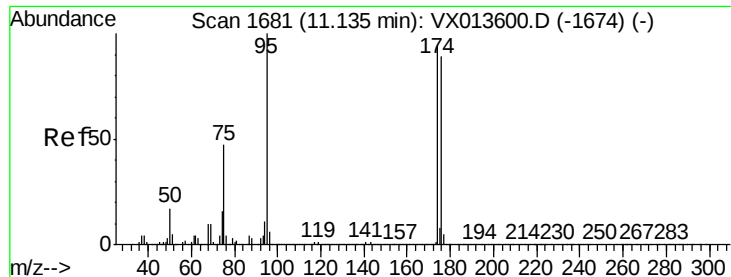
Acq: 09 Dec 2019 21:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		297522		
109	94.5	76.1	114.1		



Abundance Ion 106.90 (106.60 to 107.60): V
Ion 108.80 (108.50 to 109.50): V





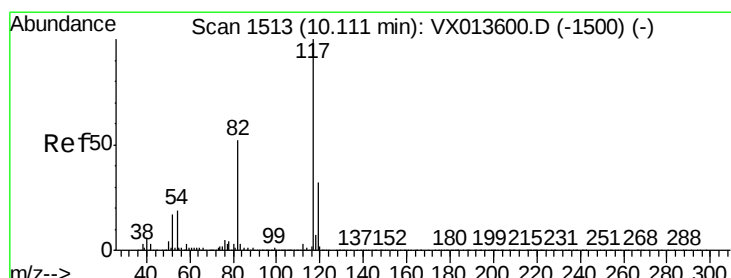
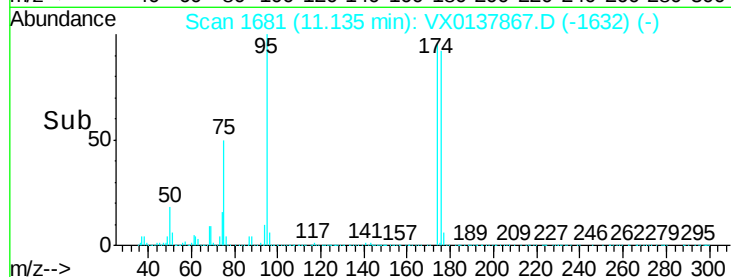
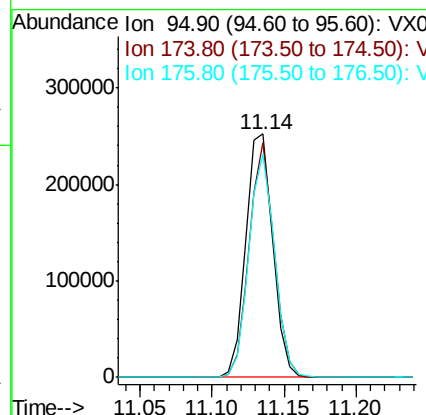
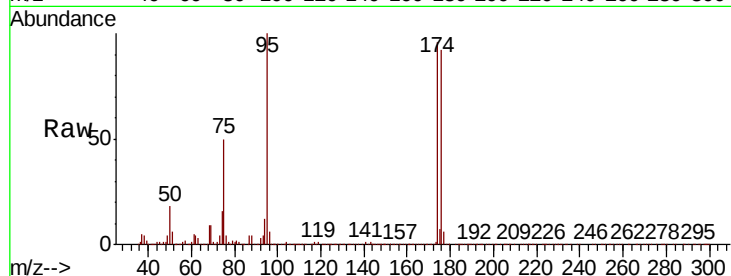
#62
4-Bromofluorobenzene
Concen: 43.740 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX0137867.D
Acq: 09 Dec 2019 21:37

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Resp	Lower	Upper
95	100	326219		
174	88.8	0.0	180.0	
176	87.3	0.0	173.6	

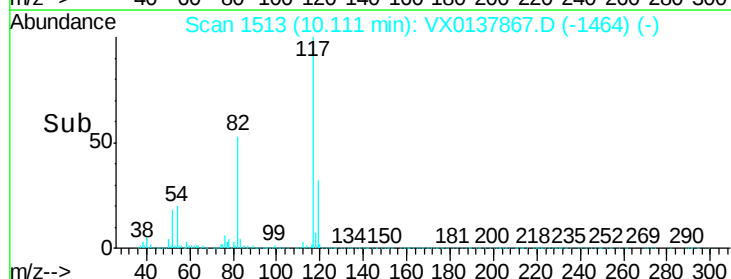
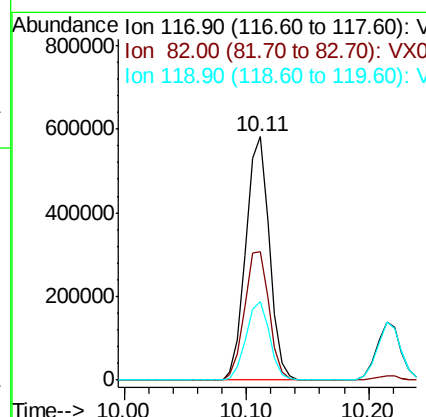
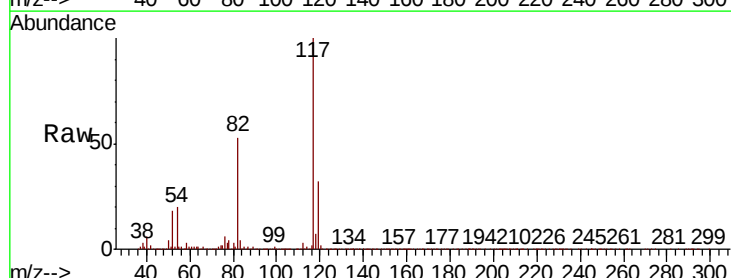
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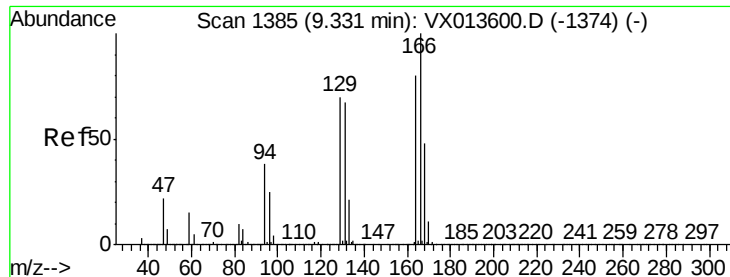
apatel
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX0137867.D
Acq: 09 Dec 2019 21:37

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	776433		
82	52.6	41.8	62.8	
119	32.2	25.8	38.8	





#64

Tetrachloroethene

Concen: 58.684 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX0137867.D

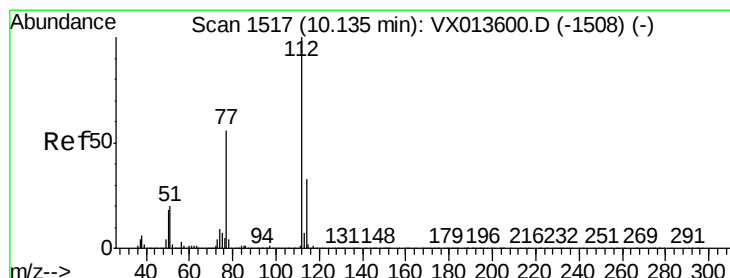
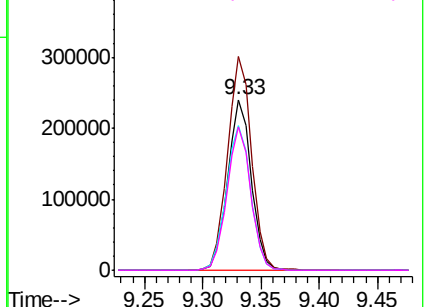
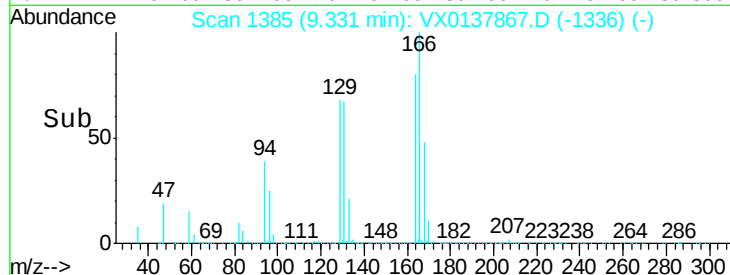
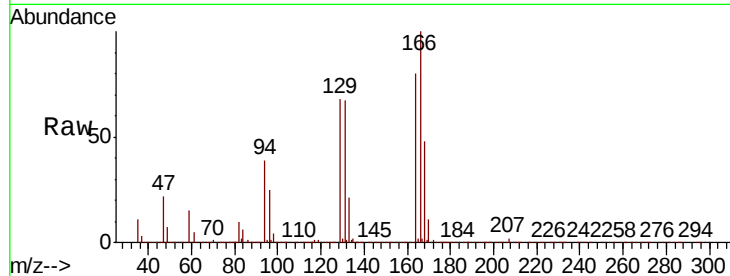
Acq: 09 Dec 2019 21:37

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	164	Resp:	339793
Ion	Ratio	Lower	Upper
164	100		
166	125.0	99.7	149.5
129	84.8	70.1	105.1
131	83.8	66.9	100.3

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#65

Chlorobenzene

Concen: 46.220 ug/l

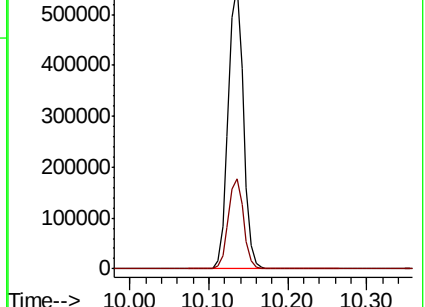
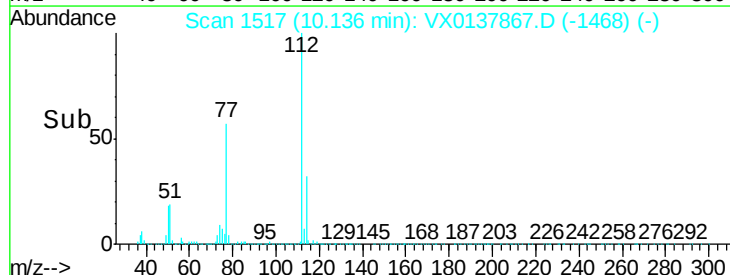
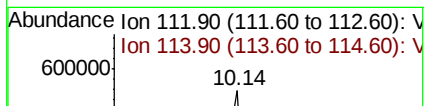
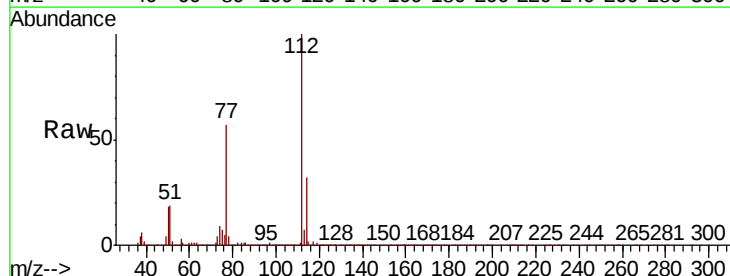
RT: 10.14 min Scan# 1517

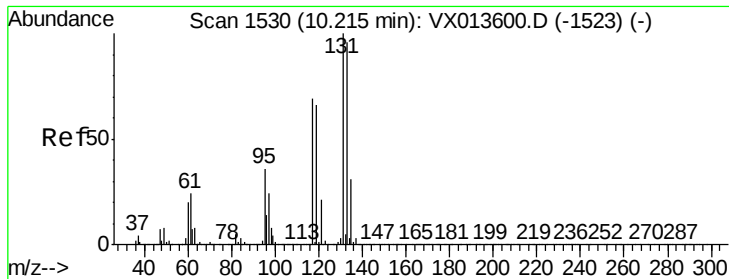
Delta R.T. 0.00 min

Lab File: VX0137867.D

Acq: 09 Dec 2019 21:37

Tgt Ion:	112	Resp:	745089
Ion	Ratio	Lower	Upper
112	100		
114	31.9	26.1	39.1





#66

1,1,1,2-Tetrachloroethane

Concen: 47.910 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX0137867.D

Acq: 09 Dec 2019 21:37

Instrument :

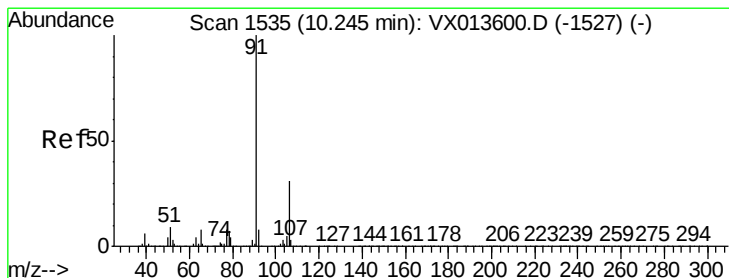
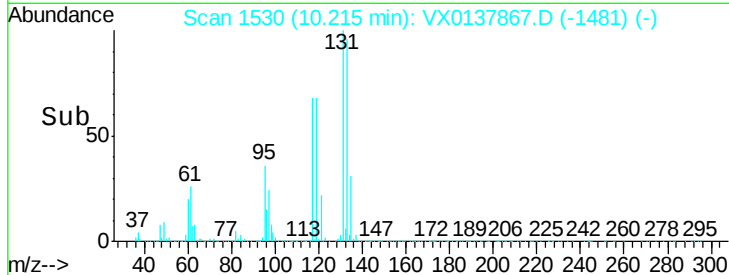
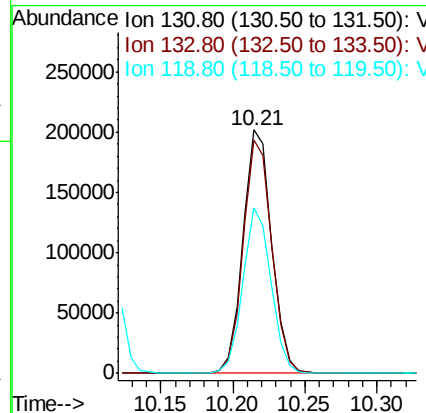
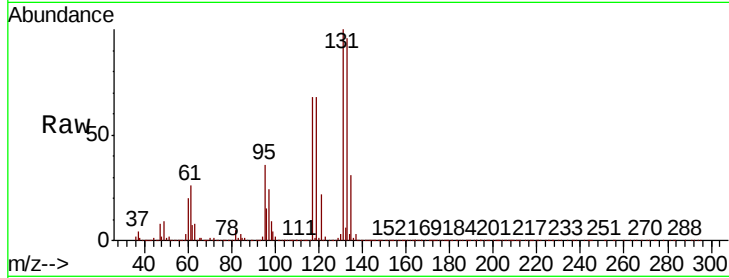
MSVOA_X

ClientSampled :

Tot Ion	Ratio	Resp	Lower	Upper
131	100	277335		
133	95.7	47.7	143.1	
119	66.4	32.9	98.6	

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#67

Ethyl Benzene

Concen: 46.974 ug/l

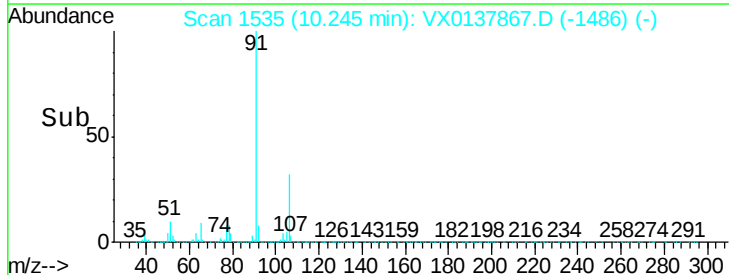
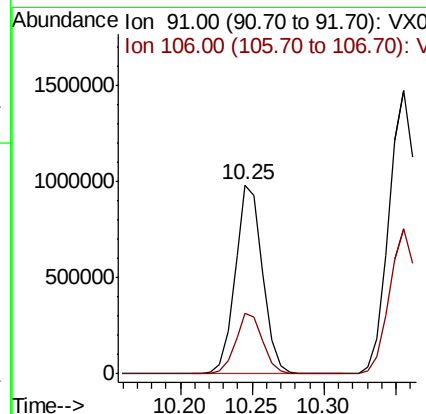
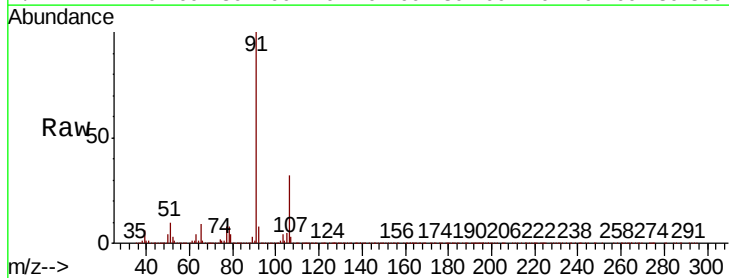
RT: 10.25 min Scan# 1535

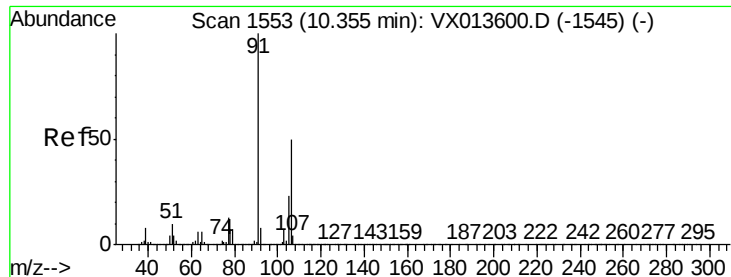
Delta R.T. 0.00 min

Lab File: VX0137867.D

Acq: 09 Dec 2019 21:37

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	1301237		
106	31.9	24.5	36.7	





#68

m/p-Xylenes

Concen: 93.710 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX0137867.D

Acq: 09 Dec 2019 21:37

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:106 Resp: 993841

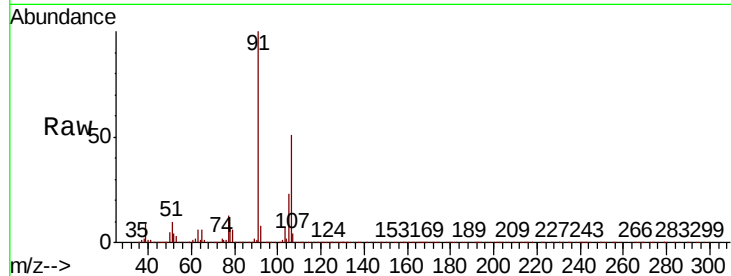
Ion Ratio Lower Upper

106 100

91 197.2 159.0 238.4

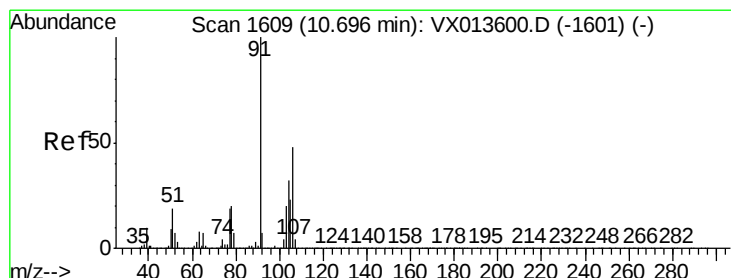
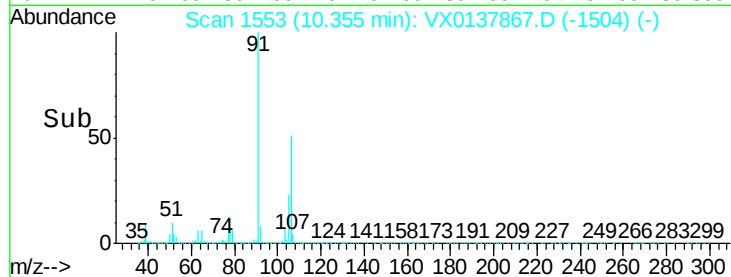
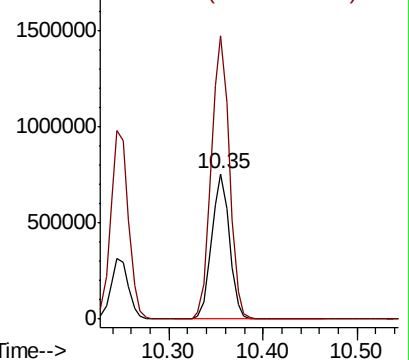
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 46.999 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. 0.00 min

Lab File: VX0137867.D

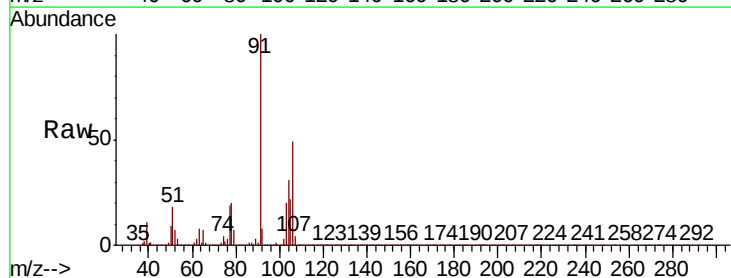
Acq: 09 Dec 2019 21:37

Tgt Ion:106 Resp: 486129

Ion Ratio Lower Upper

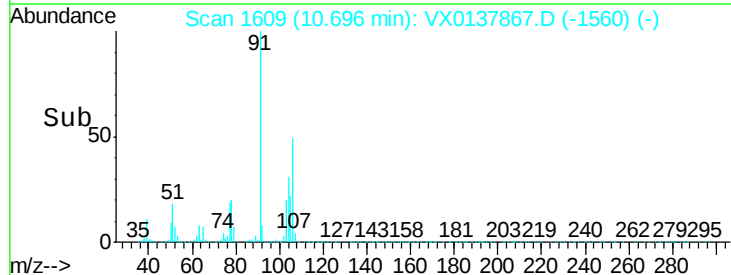
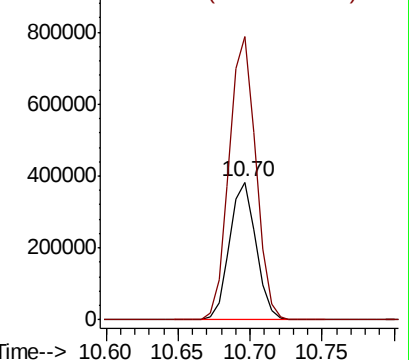
106 100

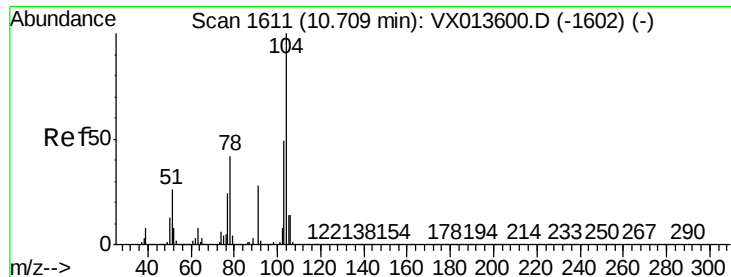
91 208.2 104.1 312.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#70

Stvrene

Concen: 47.273 ug/l

RT: 10.71 min Scan# 1611

Delta R.T. 0.00 min

Lab File: VX0137867.D

Acq: 09 Dec 2019 21:37

Instrument :

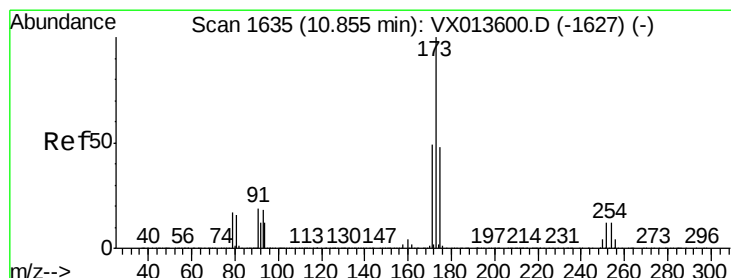
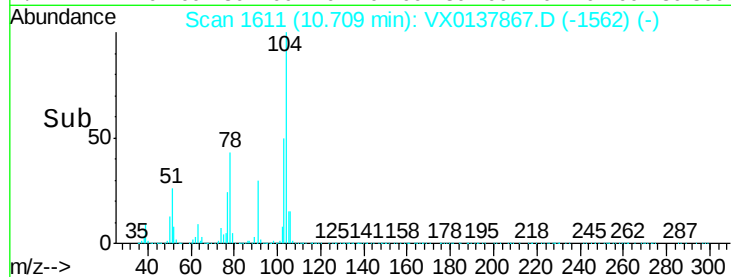
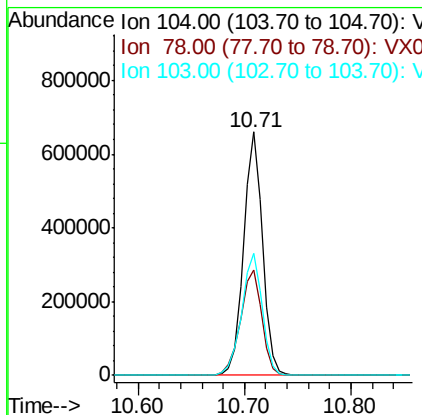
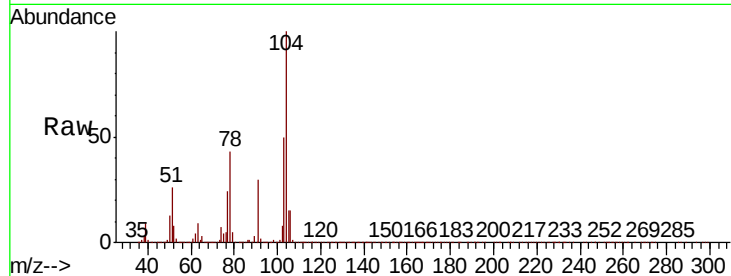
MSVOA_X

ClientSampled :

Tot Ion:	104	Resp:	822533
Ion Ratio	Lower	Upper	
104	100		
78	49.0	38.5	57.7
103	54.7	43.7	65.5

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#71

Bromoform

Concen: 48.617 ug/l

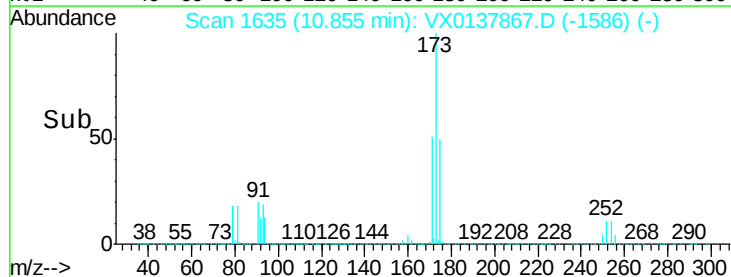
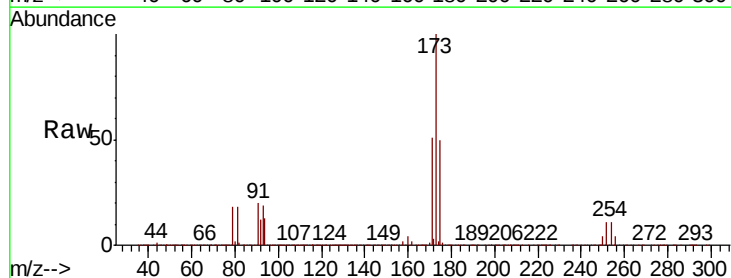
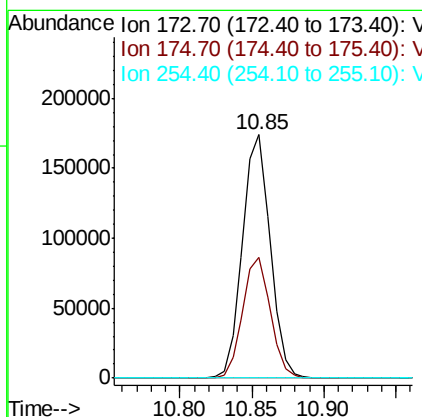
RT: 10.85 min Scan# 1635

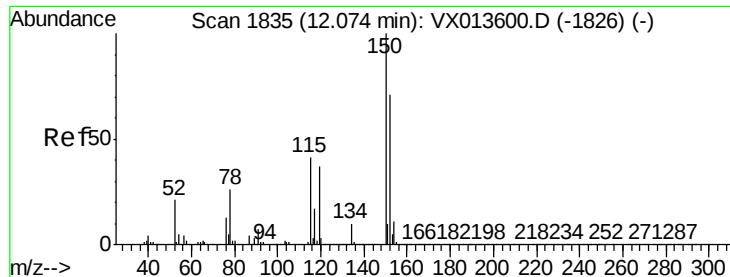
Delta R.T. 0.00 min

Lab File: VX0137867.D

Acq: 09 Dec 2019 21:37

Tgt Ion:	173	Resp:	232859
Ion Ratio	Lower	Upper	
173	100		
175	49.7	24.3	72.8
254	0.2	0.2	0.4#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX0137867.D

Acq: 09 Dec 2019 21:37

Instrument :

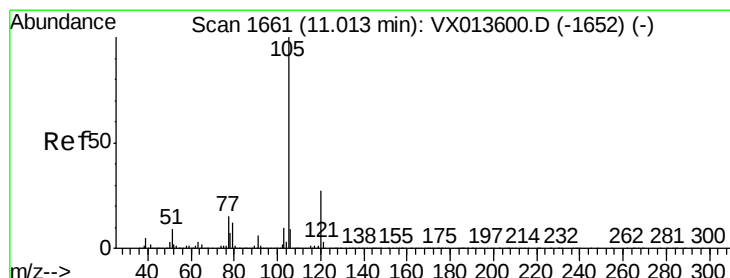
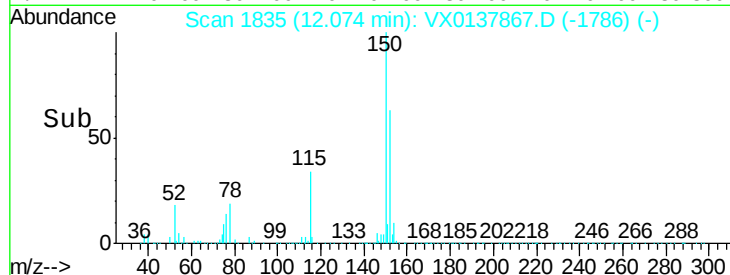
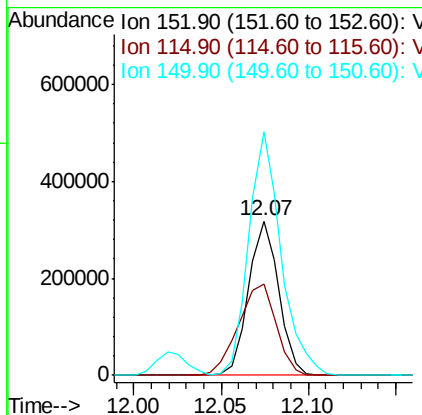
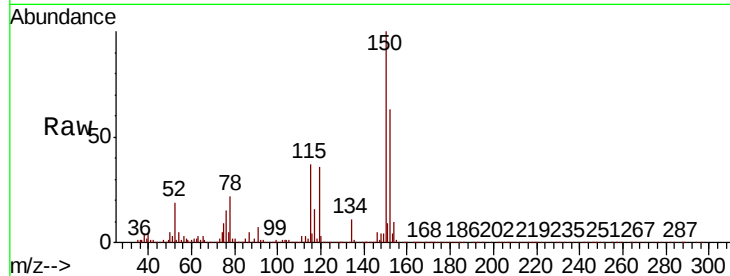
MSVOA_X

ClientSampleId :

Tot Ion:	152	Resp:	381527
Ion Ratio	Lower	Upper	
152	100		
115	74.7	38.4	115.1
150	169.8	0.0	346.8

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#73

Isopropylbenzene

Concen: 47.523 ug/l

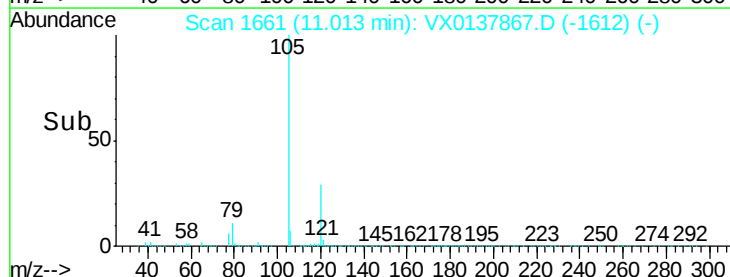
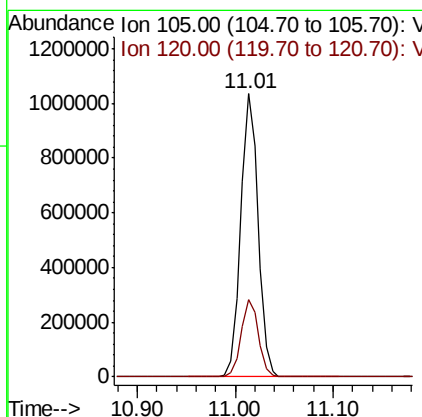
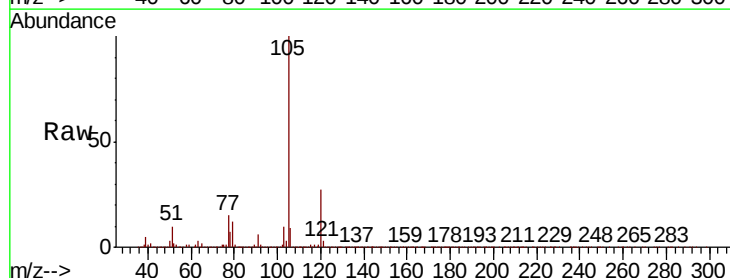
RT: 11.01 min Scan# 1661

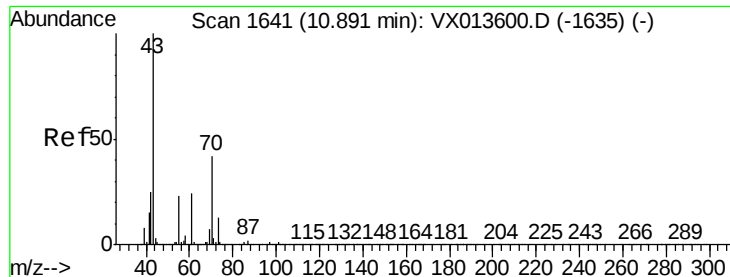
Delta R.T. 0.00 min

Lab File: VX0137867.D

Acq: 09 Dec 2019 21:37

Tgt Ion:	105	Resp:	1271846
Ion Ratio	Lower	Upper	
105	100		
120	27.1	13.5	40.5





#74

N-amvl acetate

Concen: 46.409 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX0137867.D

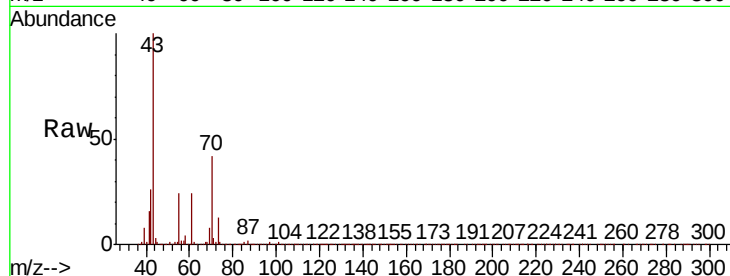
Acq: 09 Dec 2019 21:37

Instrument :
MSVOA_X
ClientSampled :

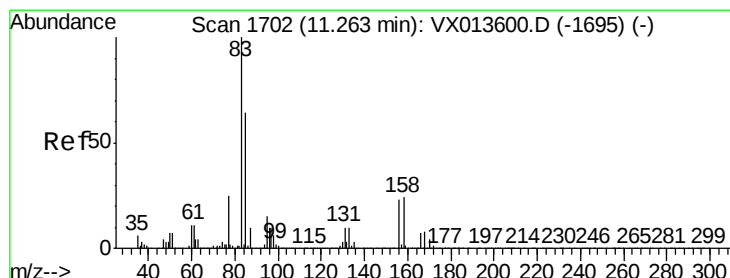
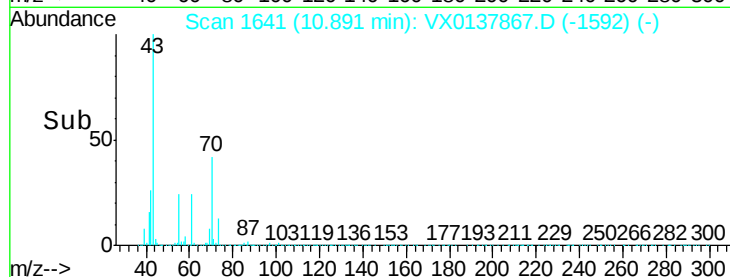
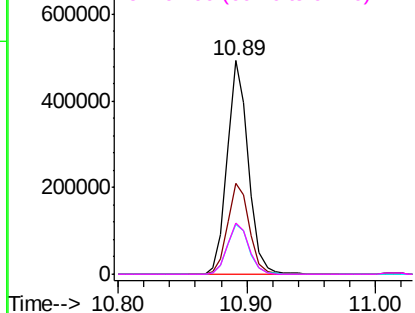
Tot Ion:	43	Resp:	568954
Ion Ratio	Lower	Upper	
43	100		
70	44.2	34.3	51.5
55	24.2	18.5	27.7
61	24.8	19.8	29.8

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Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 70.00 (69.70 to 70.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 50.774 ug/l

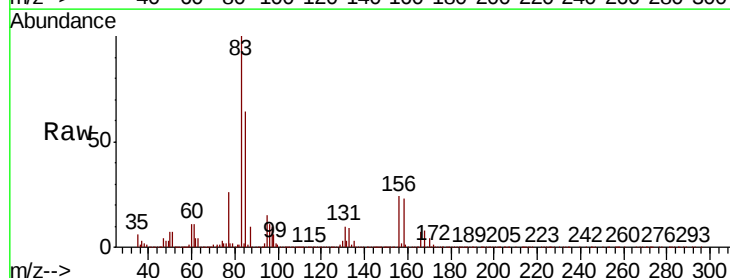
RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

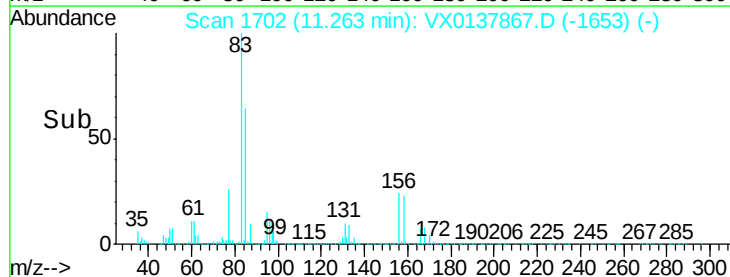
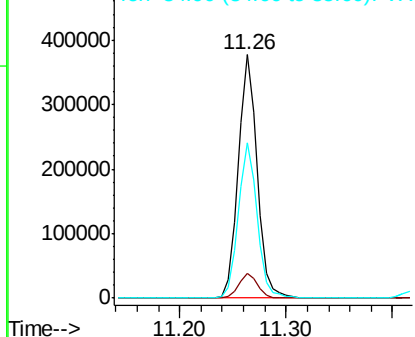
Lab File: VX0137867.D

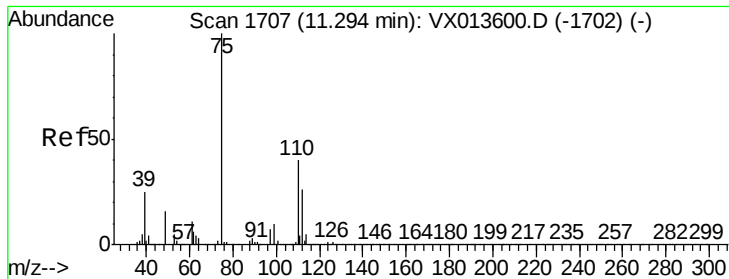
Acq: 09 Dec 2019 21:37

Tgt Ion:	83	Resp:	471239
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.1	15.3
85	63.5	31.8	95.3



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0





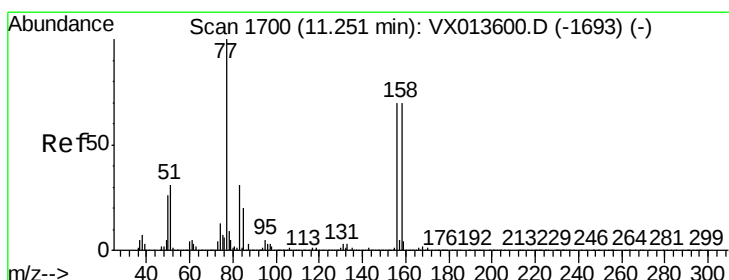
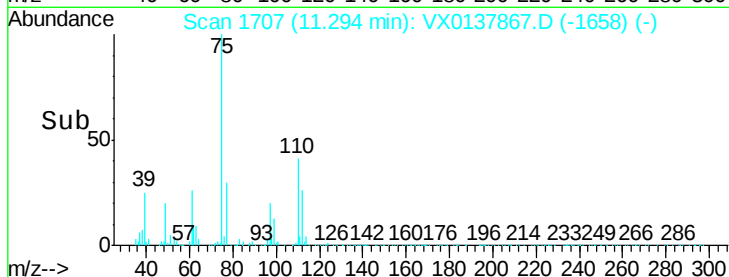
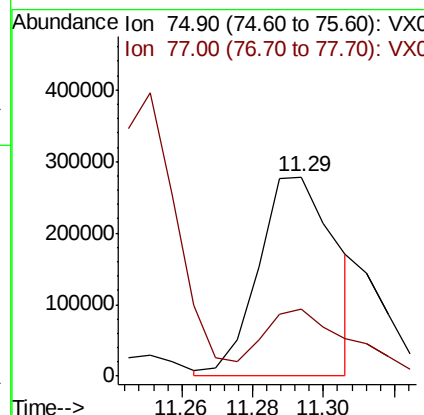
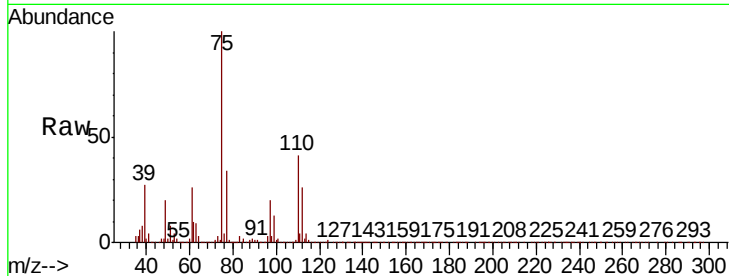
#76
 1,2,3-Trichloropropane
 Concen: 49.165 ug/l m
 RT: 11.29 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: VX0137867.D
 Acq: 09 Dec 2019 21:37

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
77	38.1	19.1	57.5

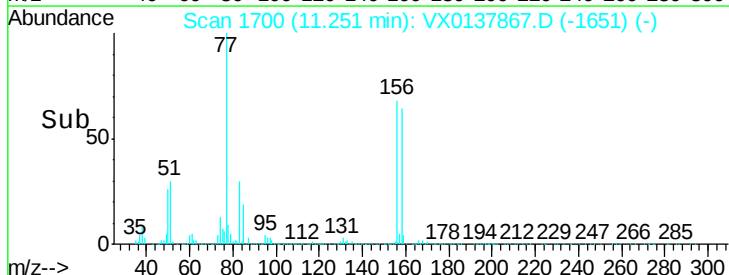
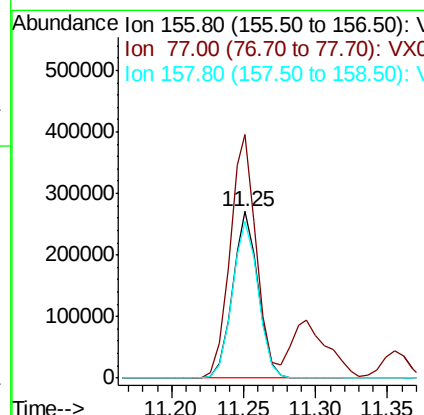
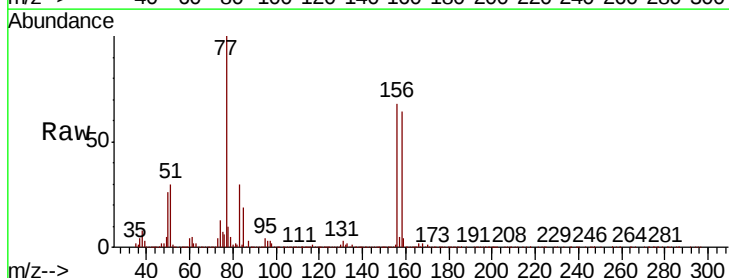
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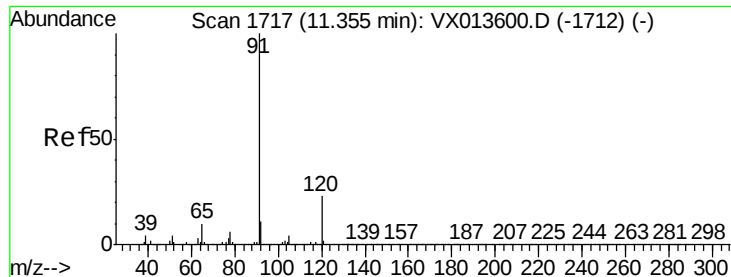
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#77
 Bromobenzene
 Concen: 46.413 ug/l
 RT: 11.25 min Scan# 1700
 Delta R.T. 0.00 min
 Lab File: VX0137867.D
 Acq: 09 Dec 2019 21:37

Tgt Ion	Ratio	Lower	Upper
156	100		
77	150.8	74.4	223.1
158	96.2	48.9	146.6





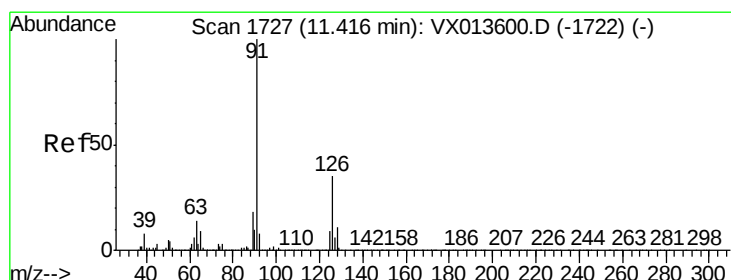
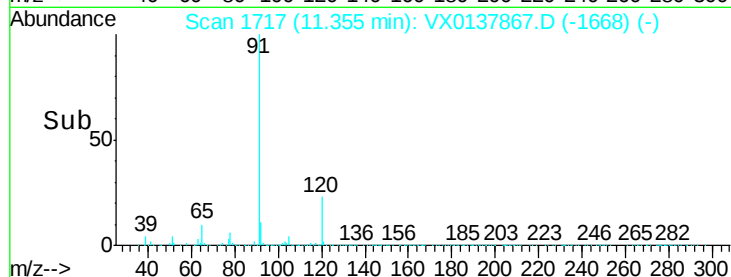
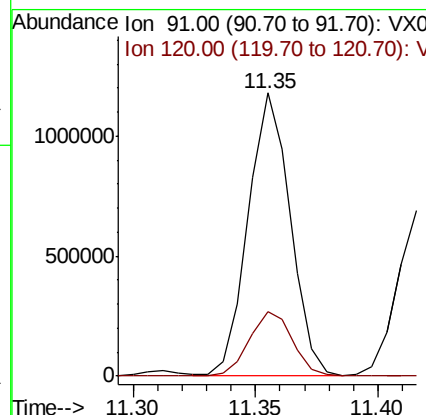
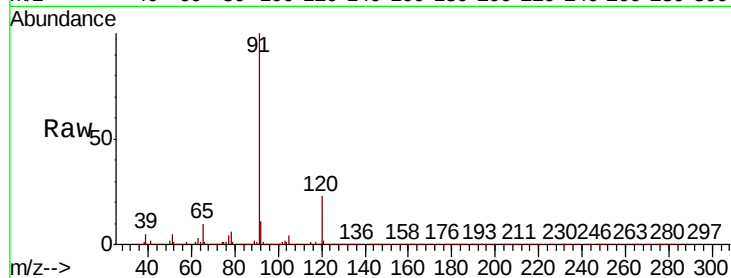
#78
n-propylbenzene
Concen: 47.213 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VX0137867.D
Acq: 09 Dec 2019 21:37

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 91 Resp: 1410505
Ion Ratio Lower Upper
91 100
120 23.5 11.8 35.3

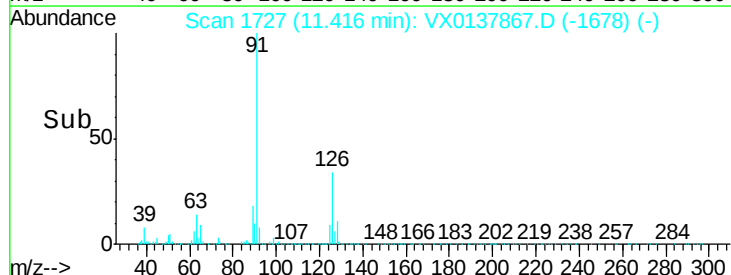
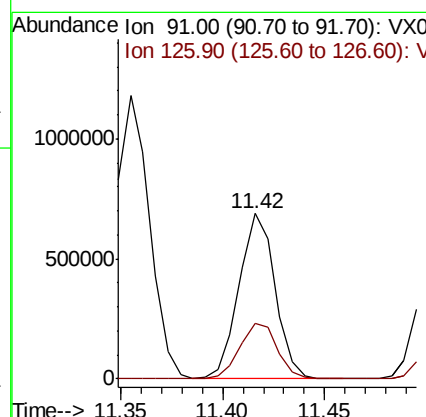
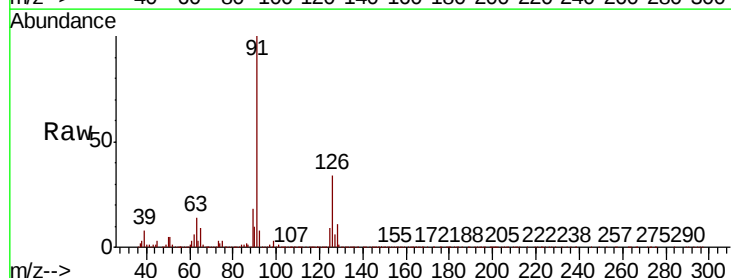
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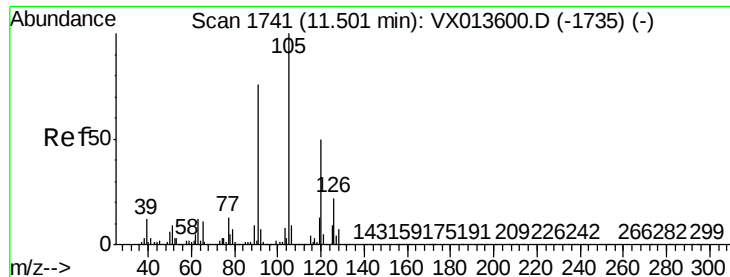
apatel
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#79
2-Chlorotoluene
Concen: 46.927 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX0137867.D
Acq: 09 Dec 2019 21:37

Tgt Ion: 91 Resp: 840989
Ion Ratio Lower Upper
91 100
126 35.1 17.5 52.5





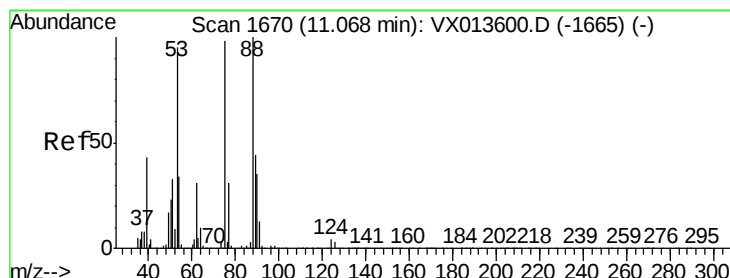
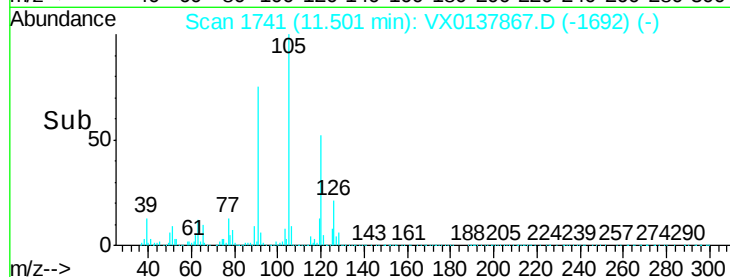
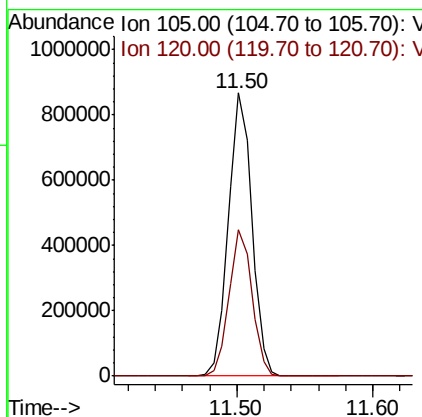
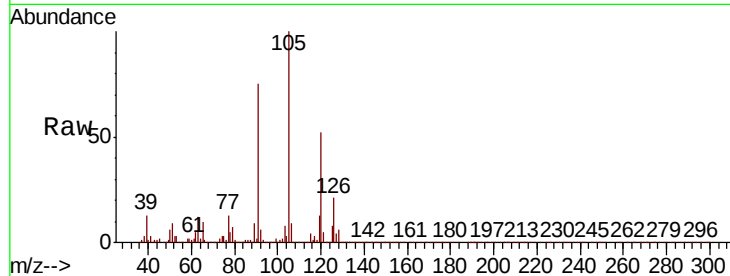
#80
 1,3,5-Trimethylbenzene
 Concen: 47.289 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX0137867.D
 Acq: 09 Dec 2019 21:37

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:105 Resp: 1037263
 Ion Ratio Lower Upper
 105 100
 120 51.2 25.3 75.9

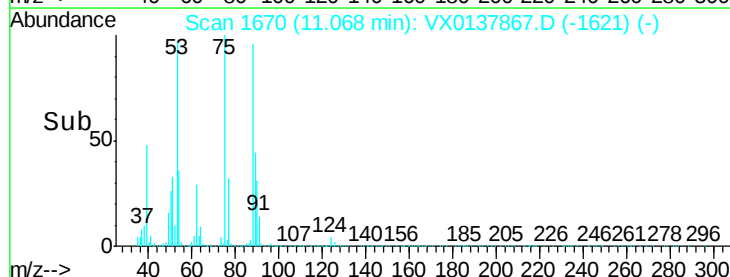
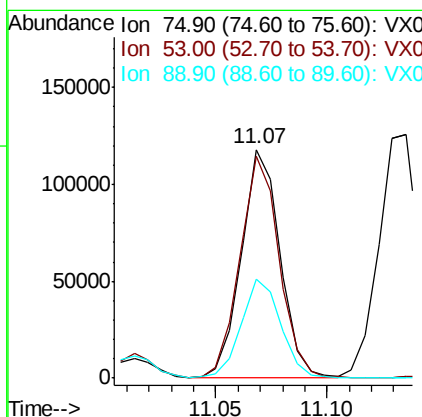
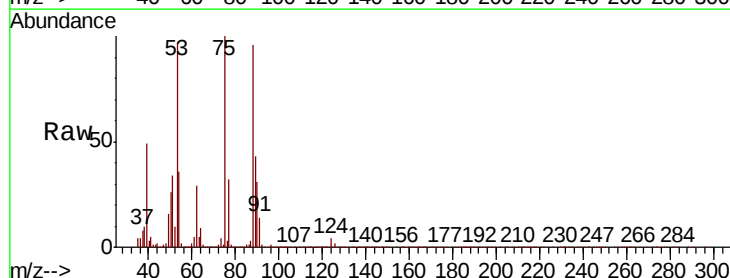
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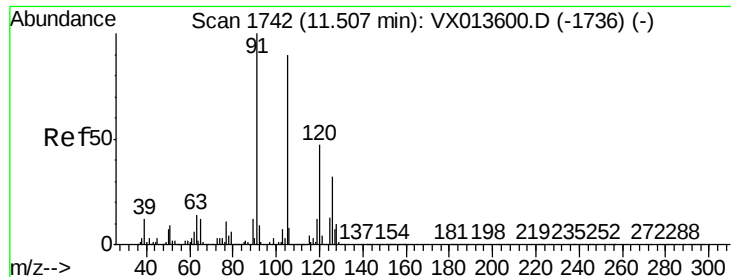
apatel
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 45.418 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: VX0137867.D
 Acq: 09 Dec 2019 21:37

Tgt Ion: 75 Resp: 142460
 Ion Ratio Lower Upper
 75 100
 53 98.1 78.2 117.2
 89 44.2 35.4 53.2





#82

4-Chlorotoluene

Concen: 46.221 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX0137867.D

Acq: 09 Dec 2019 21:37

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 91 Resp: 959404

Ion Ratio Lower Upper

91 100

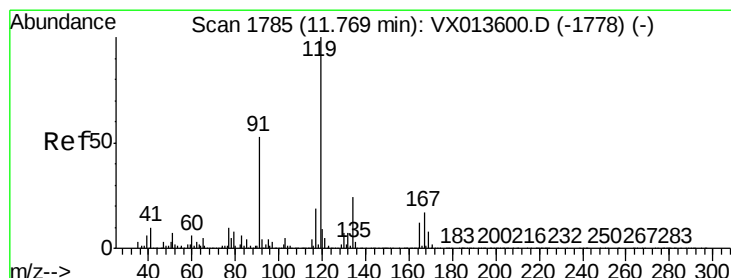
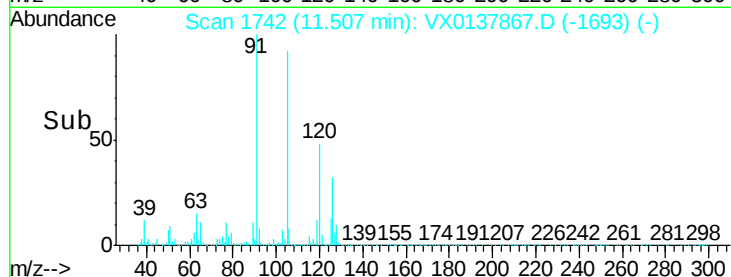
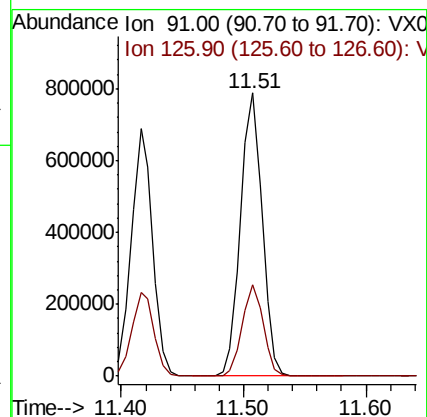
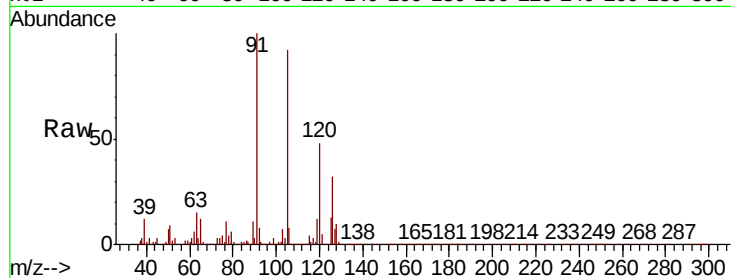
126 31.6 15.7 47.0

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#83

tert-Butylbenzene

Concen: 48.361 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VX0137867.D

Acq: 09 Dec 2019 21:37

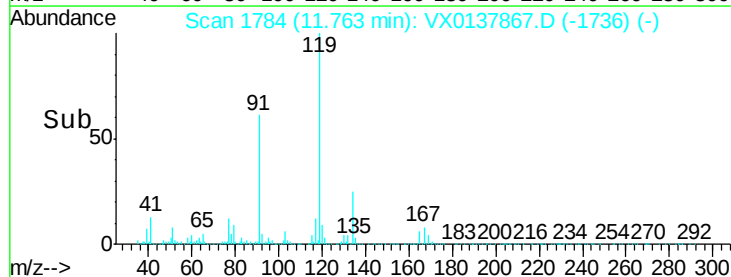
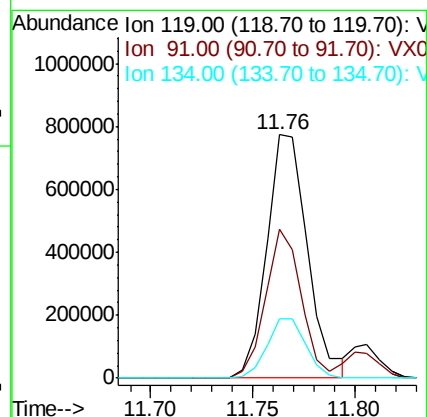
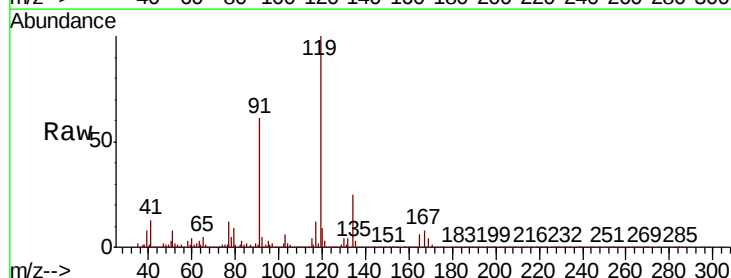
Tgt Ion: 119 Resp: 1078051

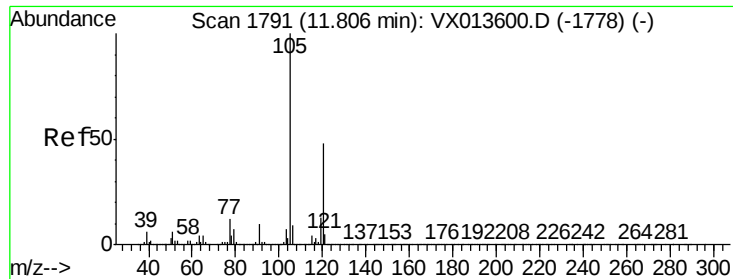
Ion Ratio Lower Upper

119 100

91 53.5 27.2 81.6

134 23.6 11.7 35.1





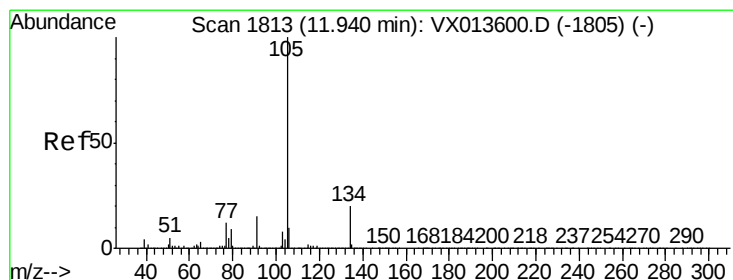
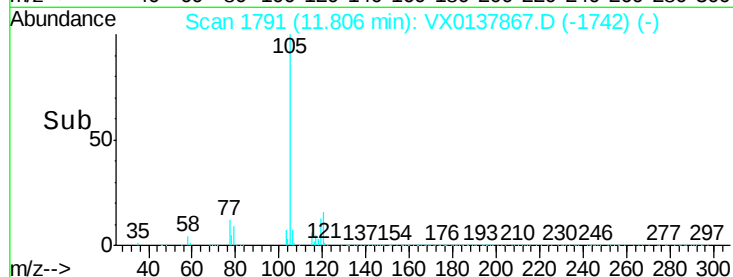
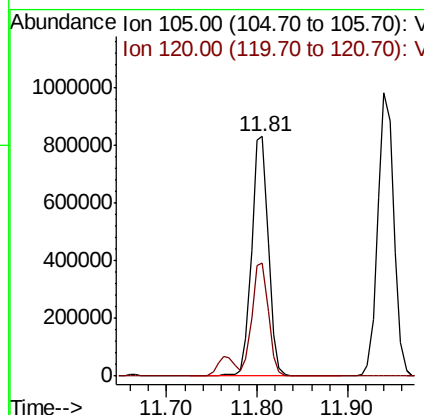
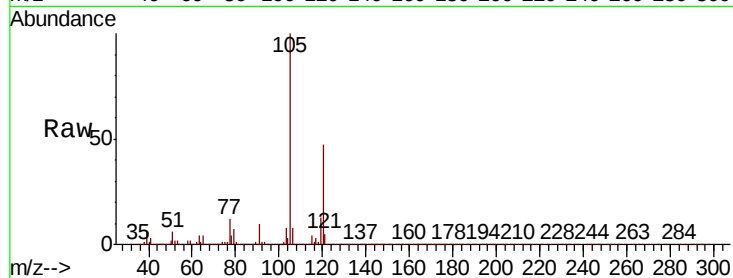
#84
1,2,4-Trimethylbenzene
Concen: 47.602 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX0137867.D
Acq: 09 Dec 2019 21:37

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:105 Resp: 1059685
Ion Ratio Lower Upper
105 100
120 46.3 23.1 69.3

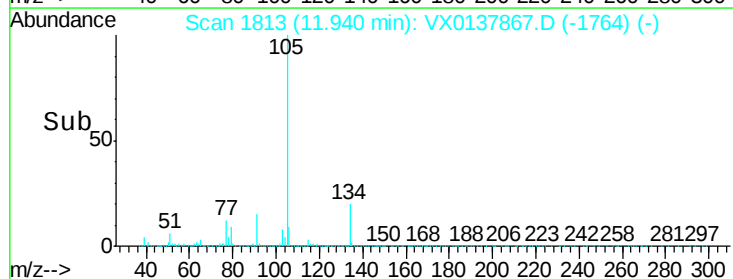
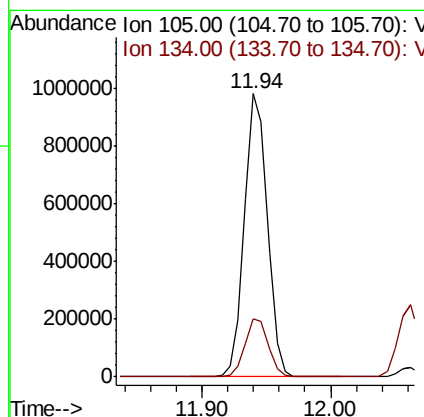
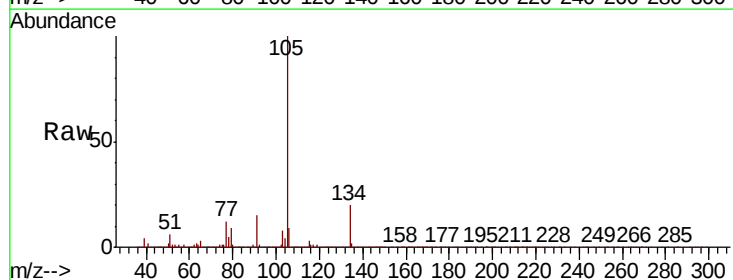
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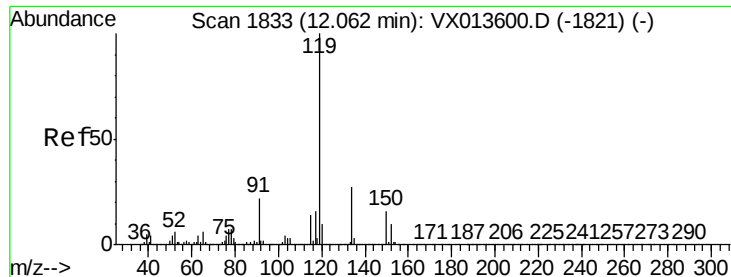
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#85
sec-Butylbenzene
Concen: 47.301 ug/l
RT: 11.94 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VX0137867.D
Acq: 09 Dec 2019 21:37

Tgt Ion:105 Resp: 1204382
Ion Ratio Lower Upper
105 100
134 20.7 10.4 31.2





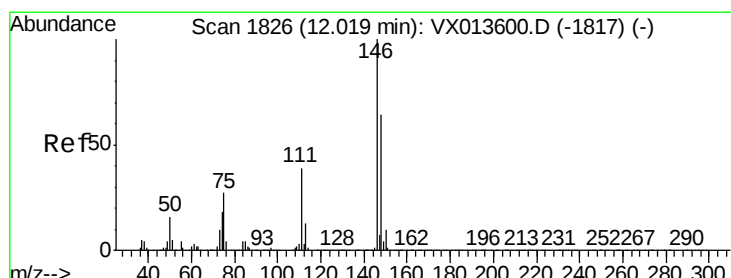
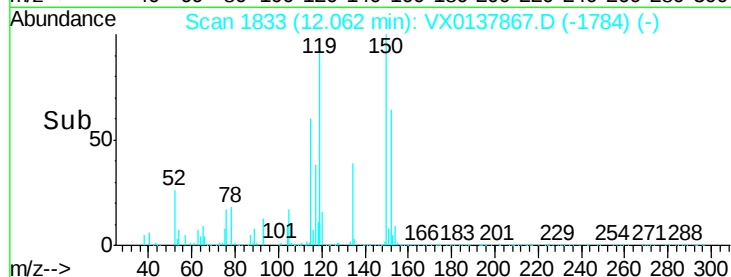
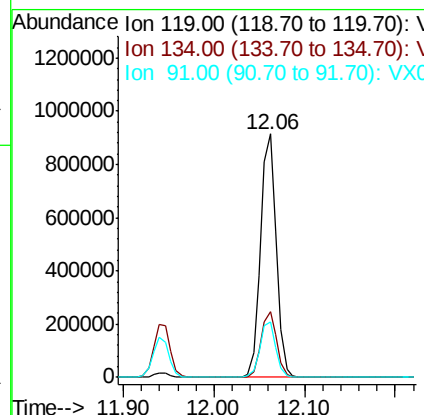
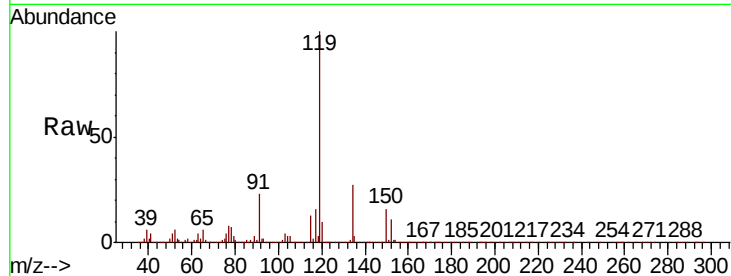
#86
p-Isopropyltoluene
Concen: 46.122 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX0137867.D
Acq: 09 Dec 2019 21:37

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.9	13.3	39.9
91	22.7	11.3	33.8

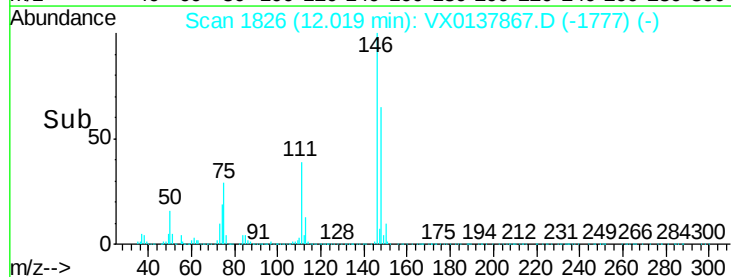
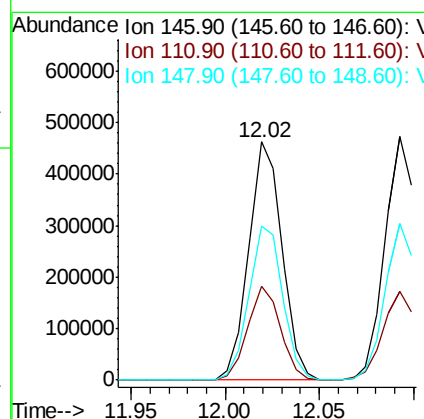
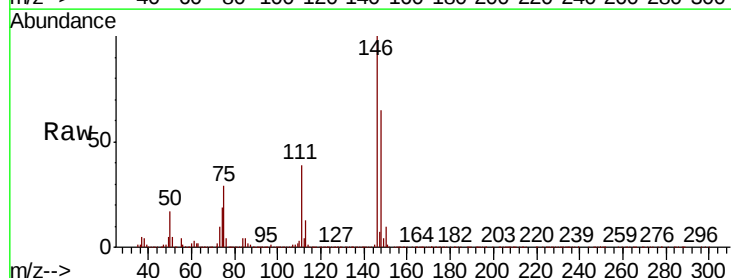
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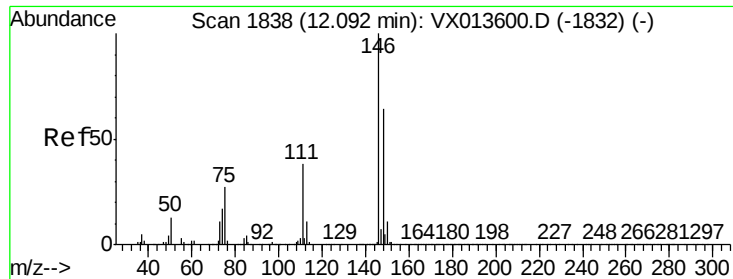
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#87
1,3-Dichlorobenzene
Concen: 45.129 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VX0137867.D
Acq: 09 Dec 2019 21:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.0	57.0
148	65.5	31.8	95.4





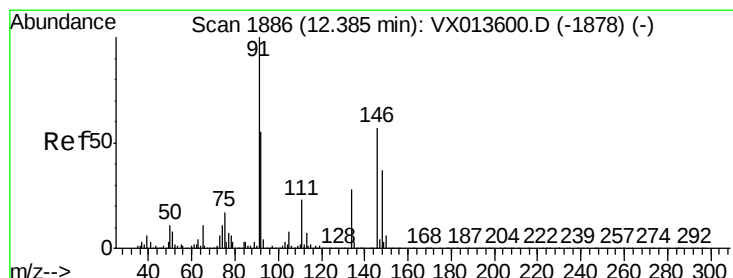
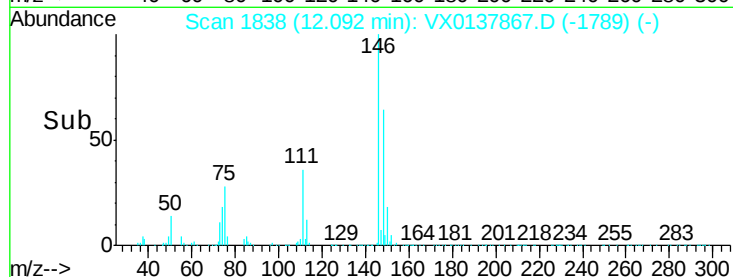
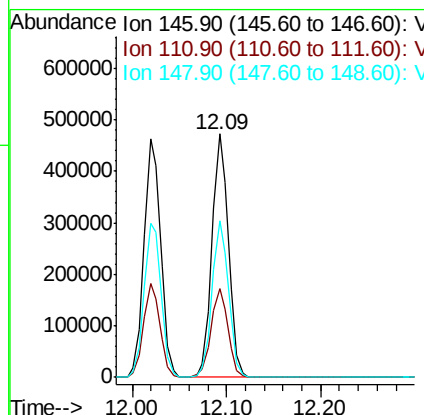
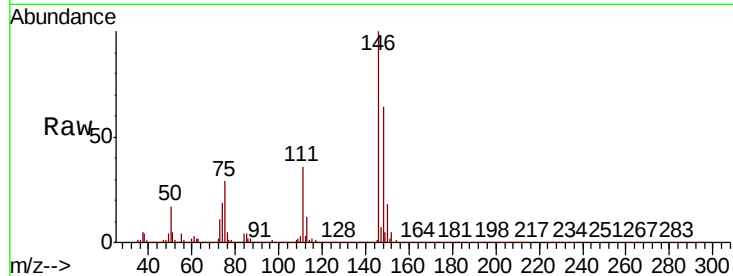
#88
 1,4-Dichlorobenzene
 Concen: 44.498 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX0137867.D
 Acq: 09 Dec 2019 21:37

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.9	56.9
148	64.3	31.9	95.5

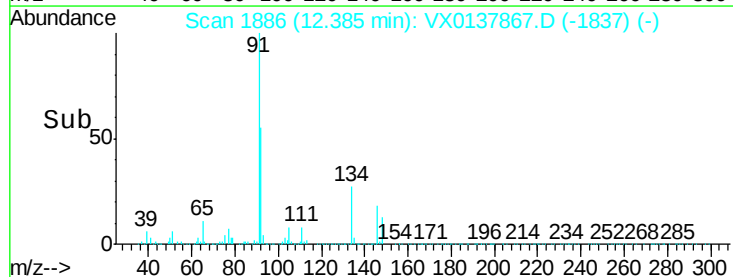
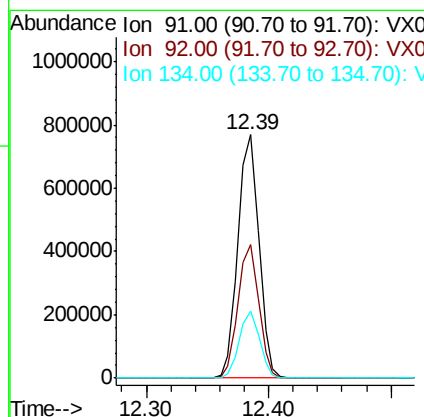
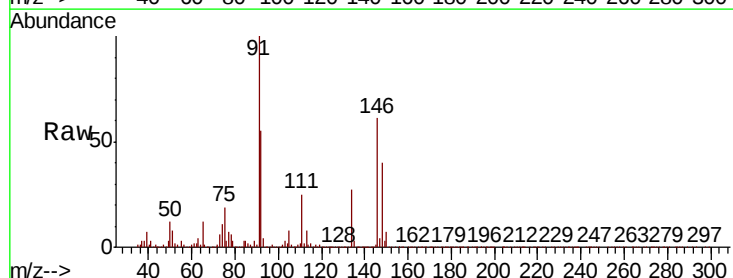
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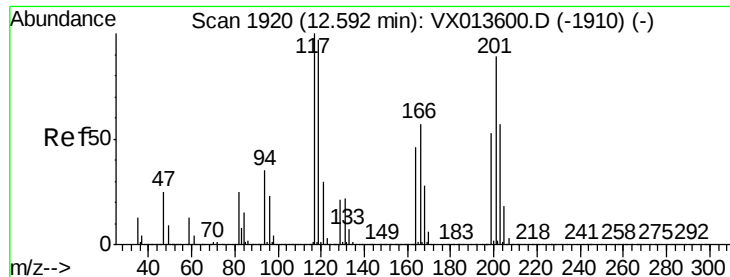
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#89
 n-Butylbenzene
 Concen: 44.899 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX0137867.D
 Acq: 09 Dec 2019 21:37

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.5	27.4	82.2
134	26.8	13.5	40.4





#90

Hexachloroethane

Concen: 47.374 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX0137867.D

Acq: 09 Dec 2019 21:37

Instrument :

MSVOA_X

ClientSampled :

Tot Ion:117 Resp: 202834

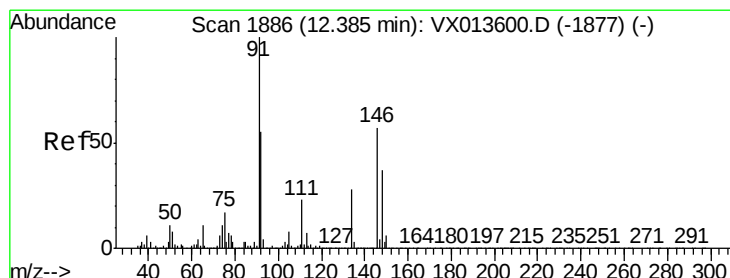
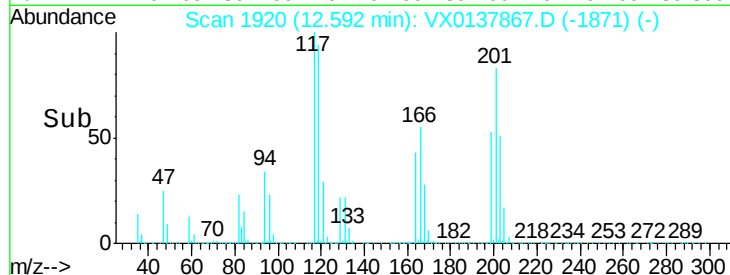
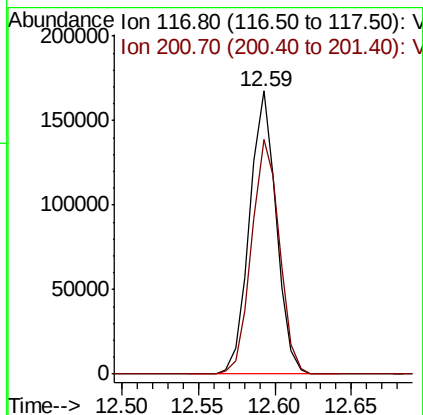
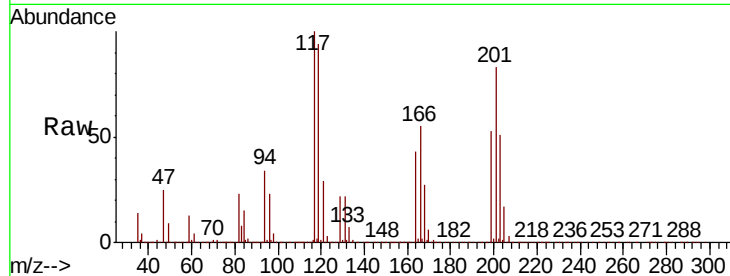
Ion Ratio Lower Upper

117 100

201 86.8 44.1 132.4

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#91

1,2-Dichlorobenzene

Concen: 46.871 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX0137867.D

Acq: 09 Dec 2019 21:37

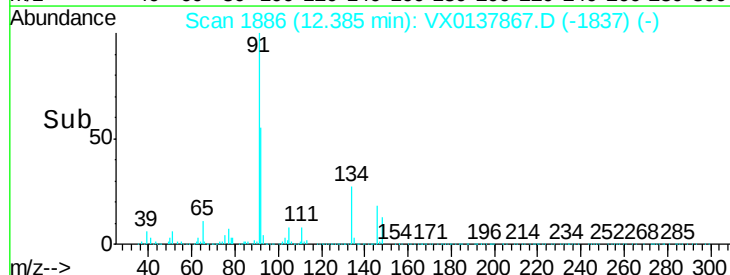
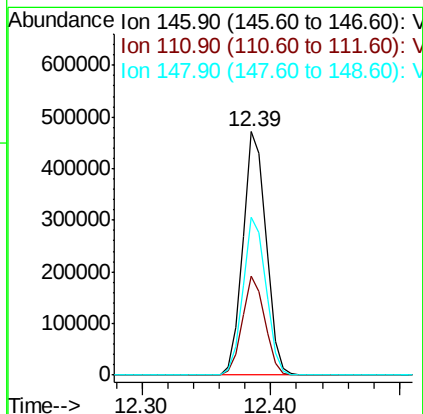
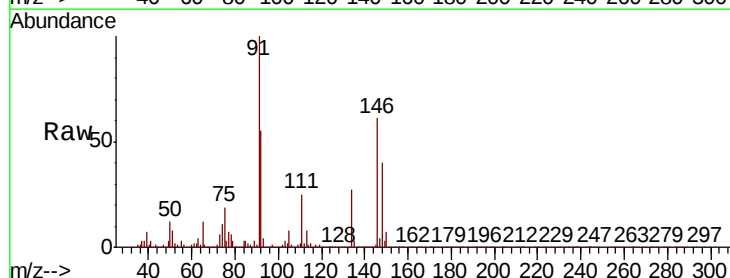
Tgt Ion:146 Resp: 583650

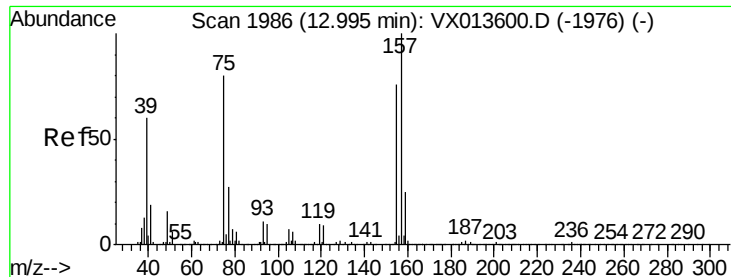
Ion Ratio Lower Upper

146 100

111 39.5 19.6 58.7

148 64.3 31.9 95.7





#92

1,2-Dibromo-3-Chloropropane

Concen: 49.917 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX0137867.D

Acq: 09 Dec 2019 21:37

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 75 Resp: 100888

Ion Ratio Lower Upper

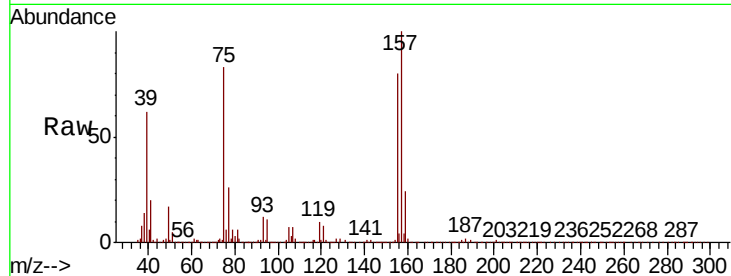
75 100

155 97.4 47.6 142.8

157 125.4 62.1 186.2

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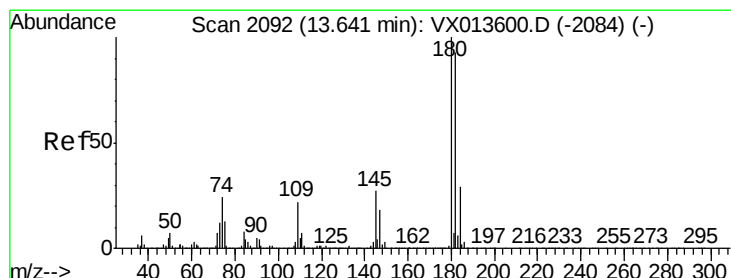
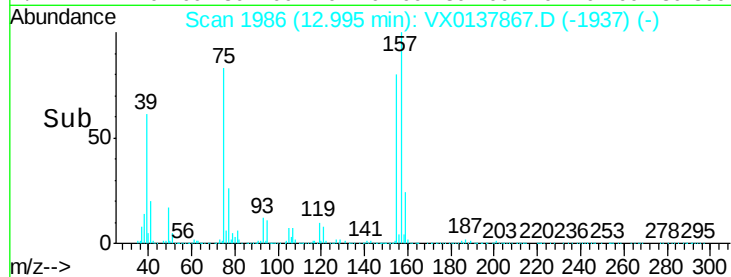
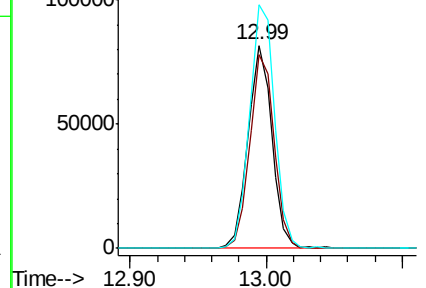
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Abundance Ion 74.90 (74.60 to 75.60): VX0137867.D (-1937) (-)

Ion 154.80 (154.50 to 155.50): VX0137867.D (-1937) (-)

Ion 156.80 (156.50 to 157.50): VX0137867.D (-1937) (-)



#93

1,2,4-Trichlorobenzene

Concen: 42.246 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX0137867.D

Acq: 09 Dec 2019 21:37

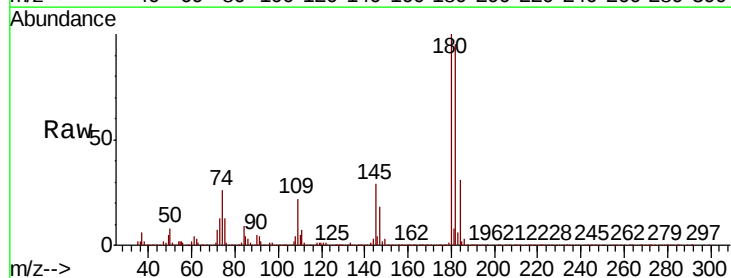
Tgt Ion: 180 Resp: 366629

Ion Ratio Lower Upper

180 100

182 94.8 47.2 141.6

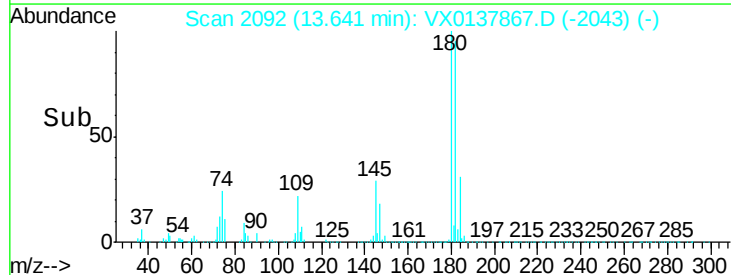
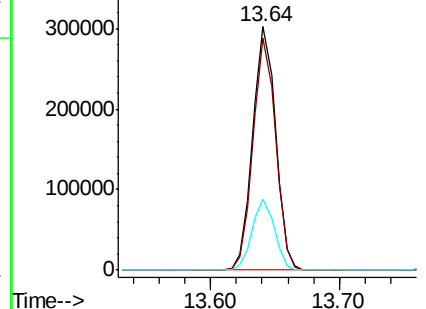
145 28.7 13.8 41.4

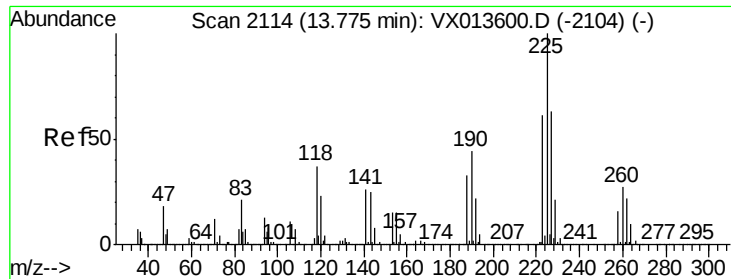


Abundance Ion 179.80 (179.50 to 180.50): VX0137867.D (-2043) (-)

Ion 181.80 (181.50 to 182.50): VX0137867.D (-2043) (-)

Ion 144.80 (144.50 to 145.50): VX0137867.D (-2043) (-)





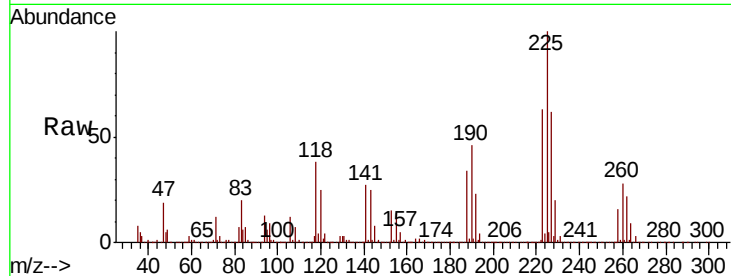
#94
Hexachlorobutadiene
Concen: 41.675 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX0137867.D
Acq: 09 Dec 2019 21:37

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Resp	Lower	Upper
225	100	173739		
223	64.2		31.9	95.5
227	63.1		32.1	96.3

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12/10/2019 11:20:31 AM

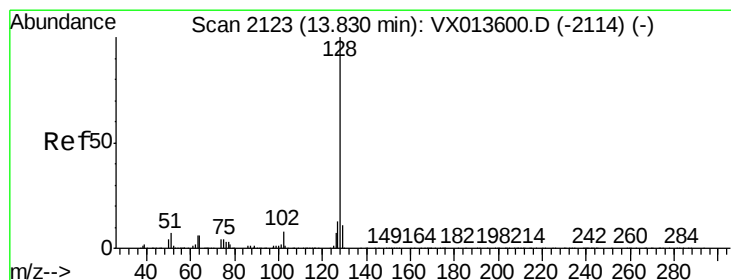
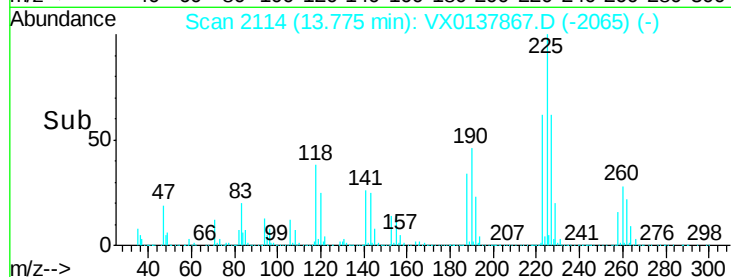
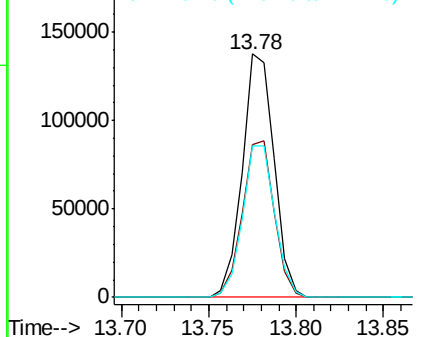


Abundance

Ion 224.70 (224.40 to 225.40): V

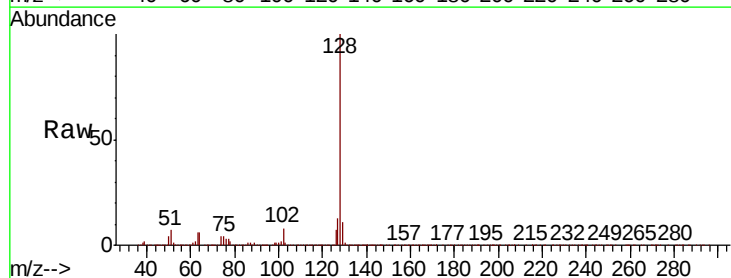
Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95
Naphthalene
Concen: 45.639 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX0137867.D
Acq: 09 Dec 2019 21:37

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	1179509		
127	12.9		10.3	15.5
129	11.0		8.7	13.1

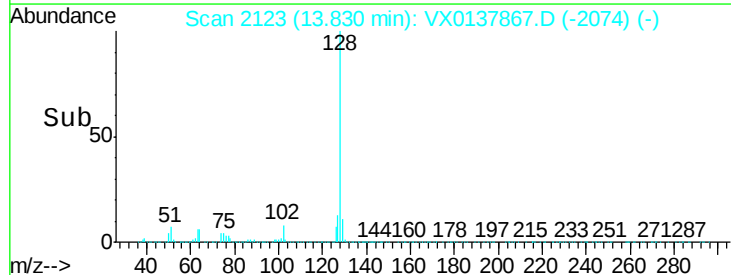
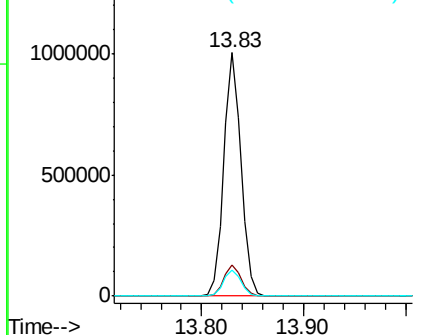


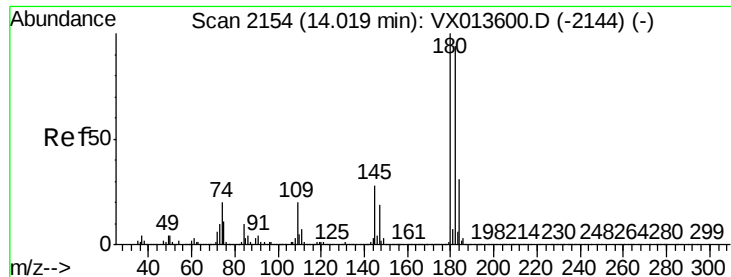
Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





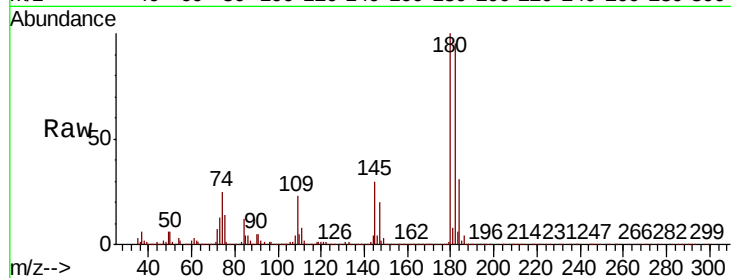
#96
 1,2,3-Trichlorobenzene
 Concen: 44.608 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. -0.01 min
 Lab File: VX0137867.D
 Acq: 09 Dec 2019 21:37

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.2	47.6	142.8
145	29.7	15.0	45.0

Manual Integrations
 APPROVED

apatel
 12/10/2019 11:20:31 AM



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

