

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX120619\
 Data File : VX013809.D
 Acq On : 06 Dec 2019 18:59
 Operator : JC/SP
 Sample : K6184-04MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D1-20191202MSD

Manual Integrations
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 12/9/2019 9:08:01 AM

Quant Time: Dec 07 04:39:37 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	568173	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	897205	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	807183	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	402525	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	312665	47.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.82%	
35) Dibromofluoromethane	5.49	113	264165	47.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.26%	
50) Toluene-d8	8.71	98	1007022	46.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.20%	
62) 4-Bromofluorobenzene	11.13	95	365344	46.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	299612	47.376	ug/l	98
3) Chloromethane	1.32	50	334609	47.154	ug/l	99
4) Vinyl Chloride	1.40	62	396959	49.702	ug/l	99
5) Bromomethane	1.63	94	251521	46.893	ug/l	98
6) Chloroethane	1.70	64	221912	48.827	ug/l	96
7) Trichlorofluoromethane	1.92	101	426472	48.088	ug/l	99
8) Diethyl Ether	2.18	74	203998	50.844	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	261152	48.209	ug/l	99
10) Methyl Iodide	2.50	142	325689	49.702	ug/l	99
11) Tert butyl alcohol	3.04	59	438060	269.094	ug/l	99
12) 1,1-Dichloroethene	2.36	96	267178	49.412	ug/l	99
13) Acrolein	2.28	56	262371	241.211	ug/l	100
14) Allyl chloride	2.72	41	488786	49.812	ug/l	99
15) Acrylonitrile	3.13	53	883133	262.814	ug/l	99
16) Acetone	2.44	43	774470	237.849	ug/l	99
17) Carbon Disulfide	2.56	76	693135	44.968	ug/l	98
18) Methyl Acetate	2.76	43	481308	53.083	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	929367	51.883	ug/l	98
20) Methylene Chloride	2.85	84	307442	49.147	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	284861	48.360	ug/l	97
22) Diisopropyl ether	3.84	45	982905	52.021	ug/l	97
23) Vinyl Acetate	3.80	43	3880955	246.908	ug/l	100
24) 1,1-Dichloroethane	3.69	63	535130	51.809	ug/l	98
25) 2-Butanone	4.66	43	1261063	260.591	ug/l	98
26) 2,2-Dichloropropane	4.57	77	364065	42.601	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	332742	49.189	ug/l	99
28) Bromochloromethane	5.01	49	214259	52.492	ug/l	100
29) Tetrahydrofuran	5.12	42	806979	270.504	ug/l	99
30) Chloroform	5.20	83	521065	49.743	ug/l	100
31) Cyclohexane	5.57	56	460959	47.315	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	440302	50.299	ug/l	99
36) 1,1-Dichloropropene	5.79	75	379536	46.601	ug/l	98
37) Ethyl Acetate	4.82	43	457111	50.030	ug/l	99
38) Carbon Tetrachloride	5.78	117	370307	49.310	ug/l	100

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	457752	45.470	ug/l	97
40) Benzene	6.14	78	1208157	48.706	ug/l	98
41) Methacrylonitrile	5.03	41	270278	53.940	ug/l	98
42) 1,2-Dichloroethane	6.18	62	417298	49.329	ug/l	100
43) Isopropyl Acetate	6.43	43	735661	48.907	ug/l	100
44) Trichloroethene	7.20	130	358153	52.610	ug/l	96
45) 1,2-Dichloropropane	7.51	63	315050	50.764	ug/l	99
46) Dibromomethane	7.65	93	204061	48.412	ug/l	100
47) Bromodichloromethane	7.89	83	406447	51.007	ug/l	99
48) Methyl methacrylate	7.76	41	381147	52.151	ug/l	99
49) 1,4-Dioxane	7.73	88	178690	1092.283	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2479972	262.105	ug/l	100
52) Toluene	8.78	92	759246	49.270	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	437350	48.219	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	487889	49.236	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	314694	50.676	ug/l	97
56) Ethyl methacrylate	9.17	69	515885	51.672	ug/l	99
57) 1,3-Dichloropropane	9.37	76	528371	49.363	ug/l	99
59) 2-Hexanone	9.49	43	1942324	263.207	ug/l	99
60) Dibromochloromethane	9.58	129	331273	51.403	ug/l	99
61) 1,2-Dibromoethane	9.67	107	327057	49.312	ug/l	99
64) Tetrachloroethene	9.33	164	275884	45.832	ug/l	99
65) Chlorobenzene	10.14	112	817666	48.790	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	311961	51.839	ug/l	100
67) Ethyl Benzene	10.24	91	1432118	49.730	ug/l	99
68) m/p-Xylenes	10.35	106	1083487	98.271	ug/l	100
69) o-Xylene	10.70	106	535508	49.800	ug/l	99
70) Stvrene	10.71	104	918020	50.751	ug/l	100
71) Bromoform	10.85	173	259839	52.183	ug/l #	100
73) Isopropylbenzene	11.01	105	1391732	49.290	ug/l	100
74) N-amyl acetate	10.89	43	648594	50.145	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	511750	52.262	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	464877m	51.348	ug/l	
77) Bromobenzene	11.25	156	371836	48.747	ug/l	99
78) n-propylbenzene	11.35	91	1543944	48.983	ug/l	100
79) 2-Chlorotoluene	11.42	91	933476	49.370	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1165383	50.359	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	163127	49.294	ug/l	97
82) 4-Chlorotoluene	11.51	91	1063331	48.556	ug/l	99
83) tert-Butylbenzene	11.77	119	1195567	50.835	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1175000	50.029	ug/l	100
85) sec-Butylbenzene	11.94	105	1335470	49.713	ug/l	100
86) p-Isopropyltoluene	12.06	119	1222791	48.929	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	641377	48.236	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	637813	47.093	ug/l	99
89) n-Butylbenzene	12.38	91	1009006	47.338	ug/l	100
90) Hexachloroethane	12.59	117	224985	49.807	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	648555	49.366	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	111958	52.505	ug/l	99
93) 1,2,4-Trichlorobenzene	13.64	180	411806	44.977	ug/l	100

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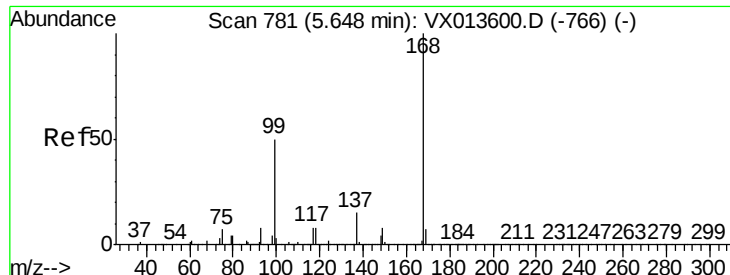
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	187141	42.548	ug/l	99
95) Naphthalene	13.83	128	1326260	48.640	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	420763	46.413	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013809.D

Acq: 06 Dec 2019 18:59

Instrument :

MSVOA_X

ClientSampleId :

RE134D1-20191202MSD

Tot Ion:168 Resp: 568173

Ion Ratio Lower Upper

168 100

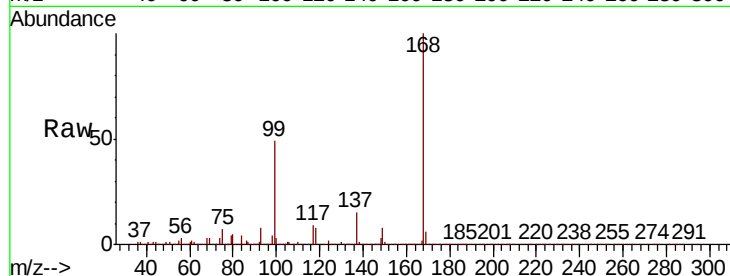
99 49.1 39.8 59.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

150000

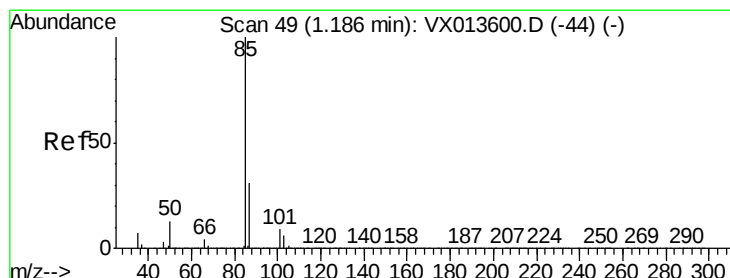
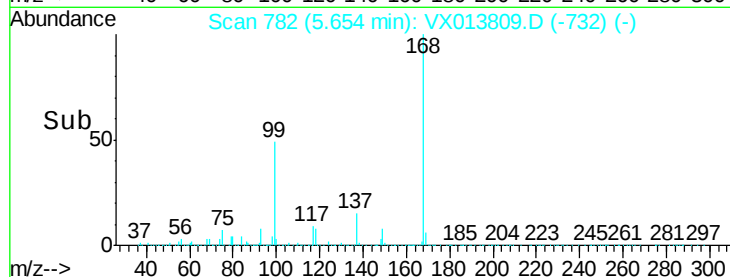
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50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 47.376 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013809.D

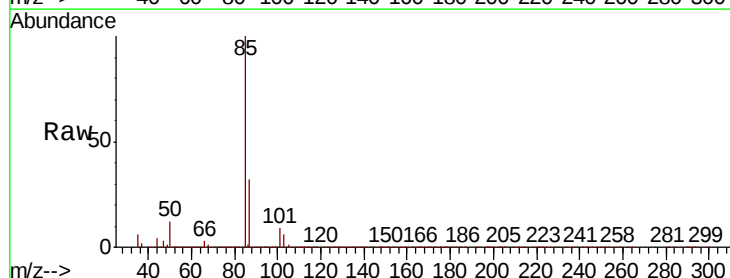
Acq: 06 Dec 2019 18:59

Tgt Ion: 85 Resp: 299612

Ion Ratio Lower Upper

85 100

87 32.5 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

300000

250000

200000

150000

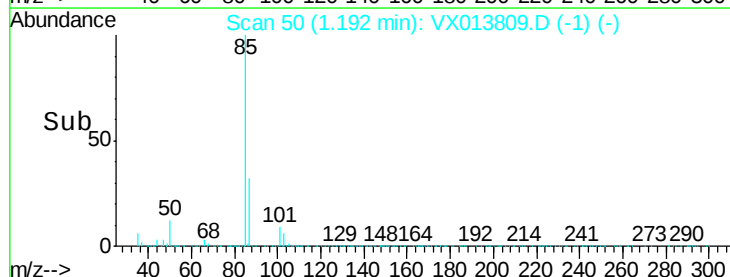
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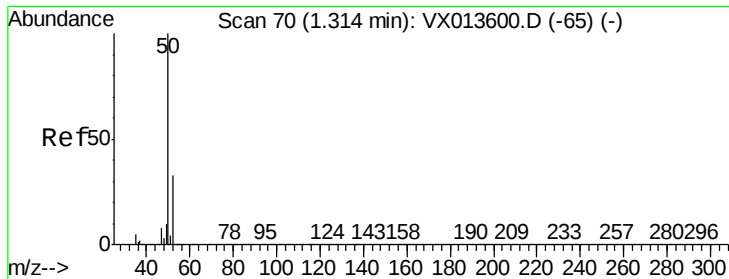
50000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 47.154 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013809.D

Acq: 06 Dec 2019 18:59

Instrument :

MSVOA_X

ClientSampleId :

RE134D1-20191202MSD

Tot Ion: 50 Resp: 334609

Ion Ratio Lower Upper

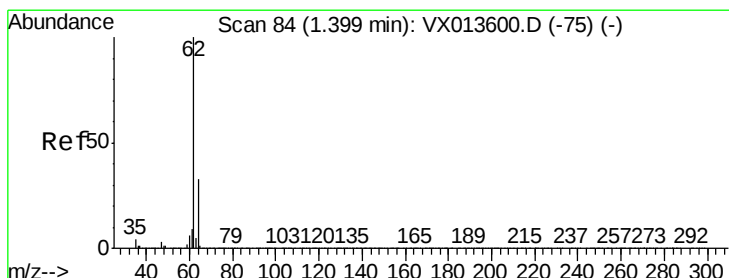
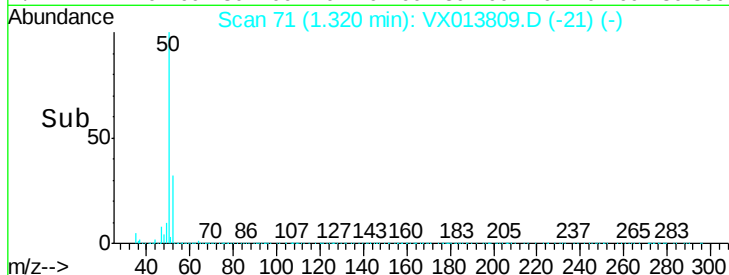
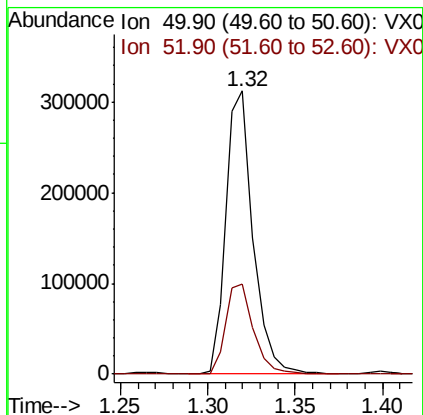
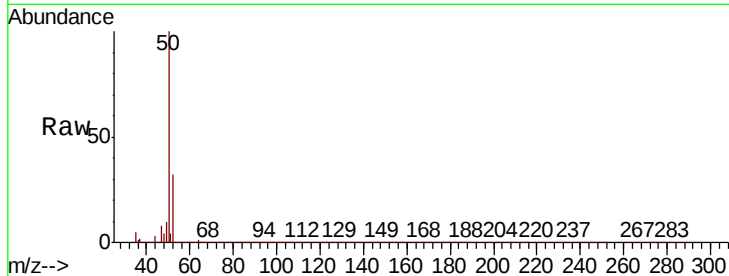
50 100

52 31.8 26.0 39.0

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#4

Vinyl Chloride

Concen: 49.702 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013809.D

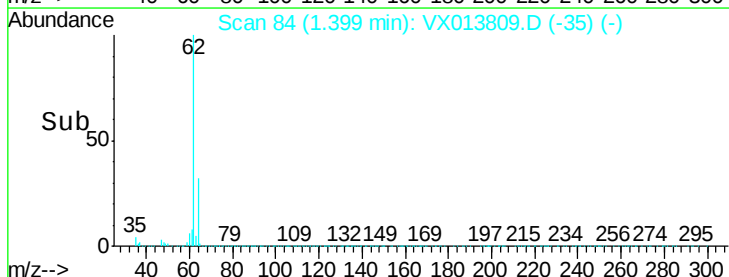
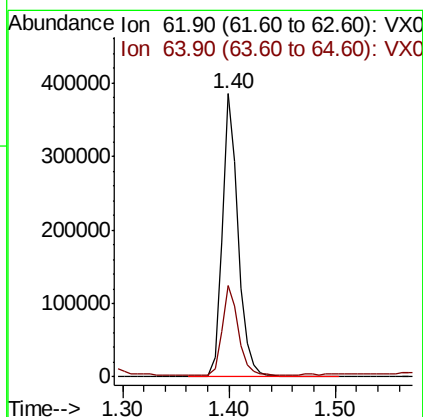
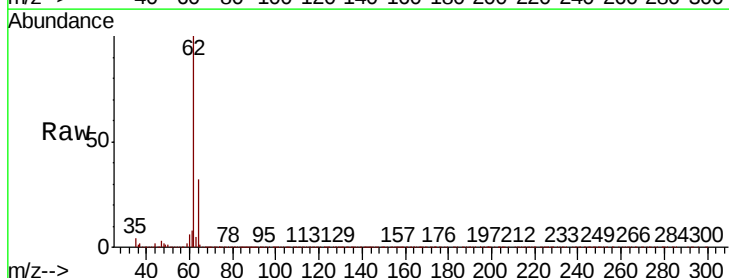
Acq: 06 Dec 2019 18:59

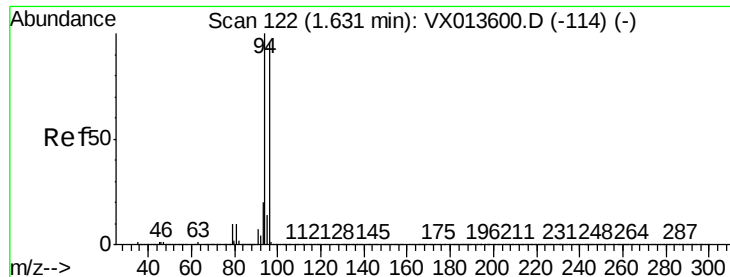
Tgt Ion: 62 Resp: 396959

Ion Ratio Lower Upper

62 100

64 31.8 26.0 39.0





#5

Bromomethane

Concen: 46.893 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013809.D

Acq: 06 Dec 2019 18:59

Instrument :

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Tot Ion: 94 Resp: 251521

Ion Ratio Lower Upper

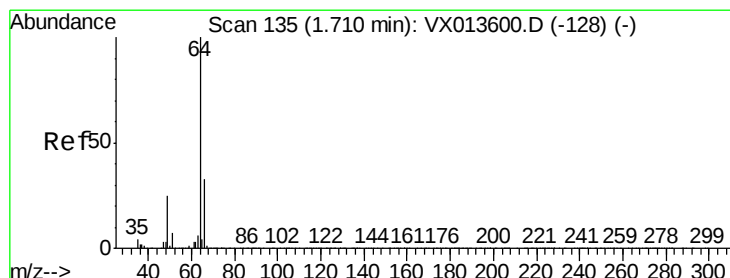
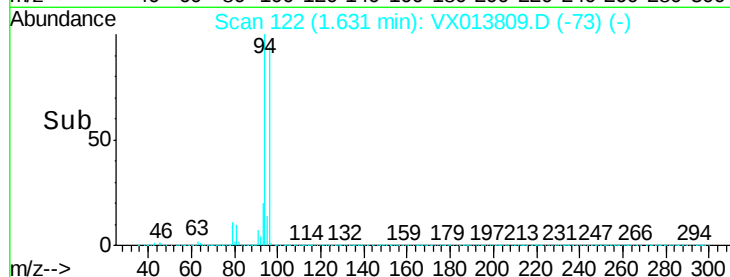
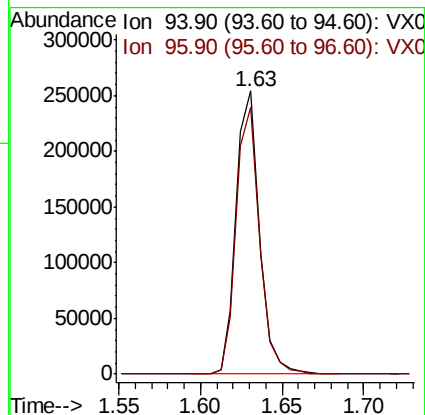
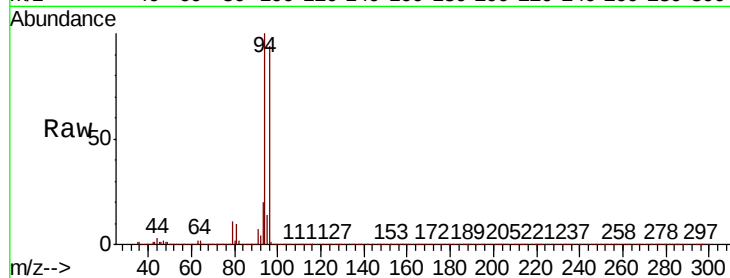
94 100

96 94.3 77.0 115.4

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#6

Chloroethane

Concen: 48.827 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX013809.D

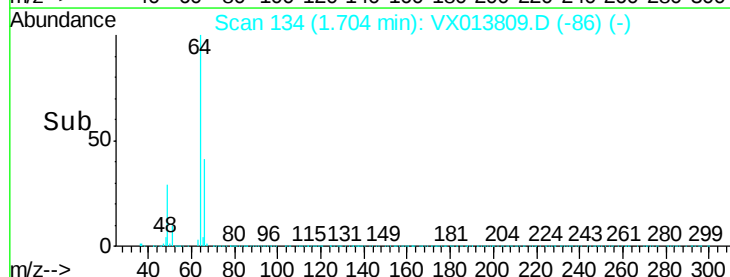
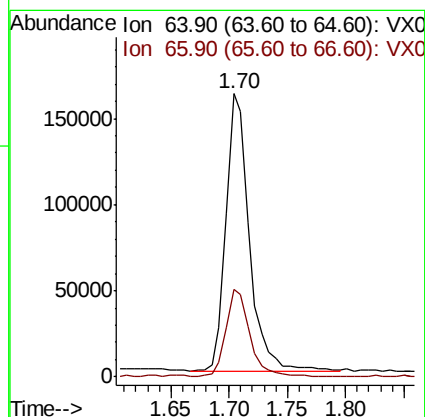
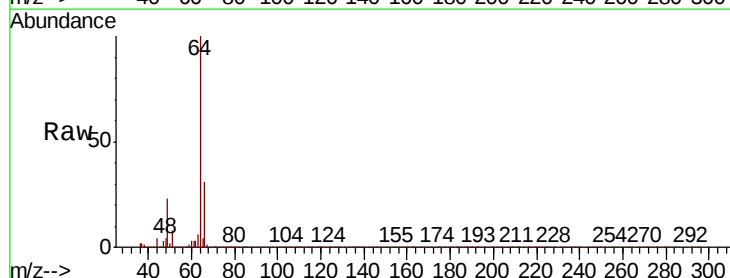
Acq: 06 Dec 2019 18:59

Tgt Ion: 64 Resp: 221912

Ion Ratio Lower Upper

64 100

66 31.2 26.7 40.1





#7

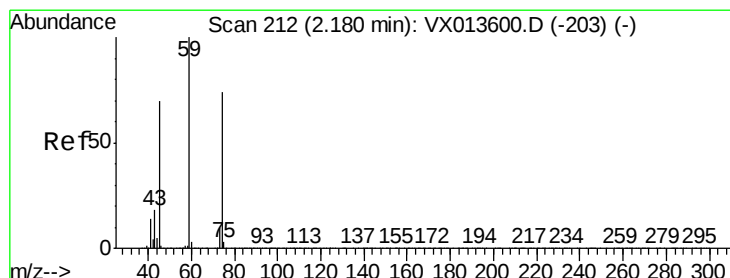
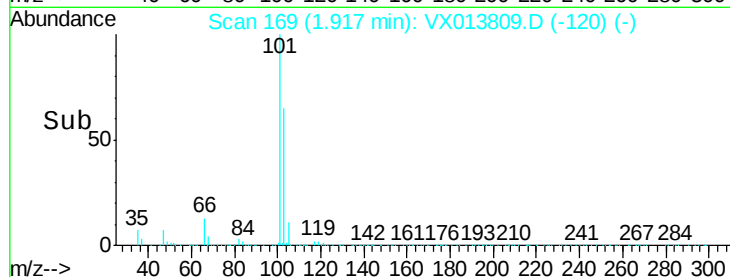
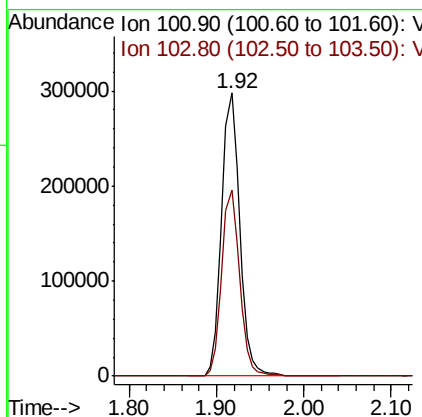
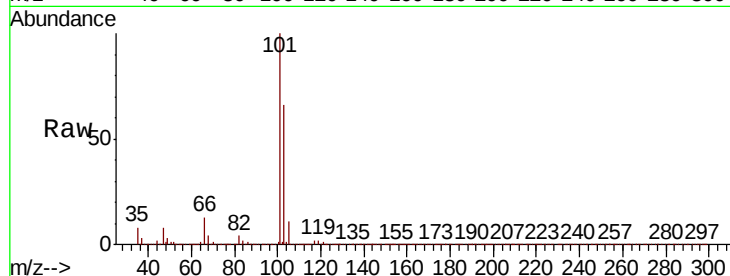
Trichlorofluoromethane
Concen: 48.088 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX013809.D
Acq: 06 Dec 2019 18:59

Instrument :
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ClientSampleId :
RE134D1-20191202MSD

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.5	51.8	77.6

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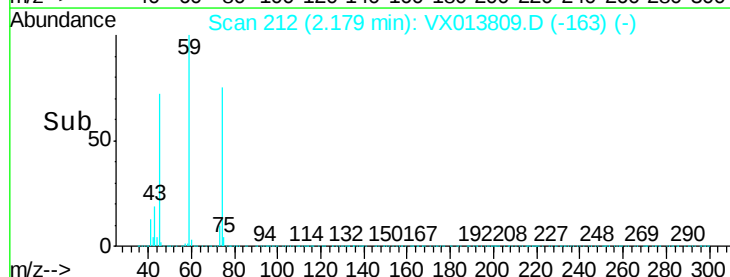
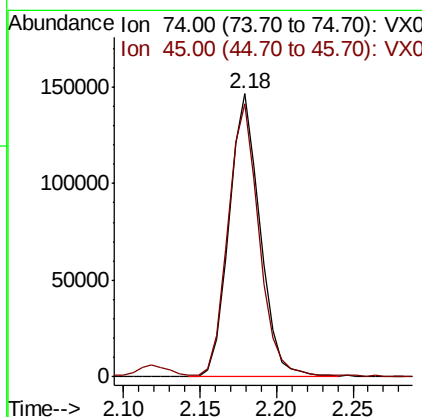
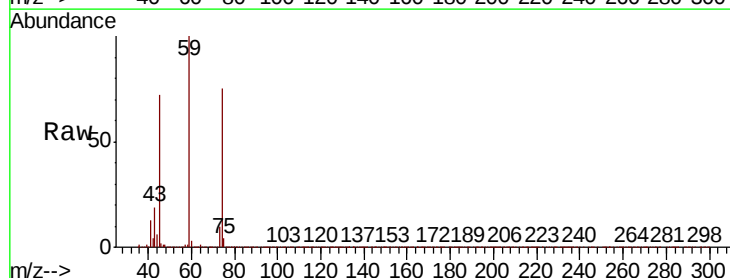
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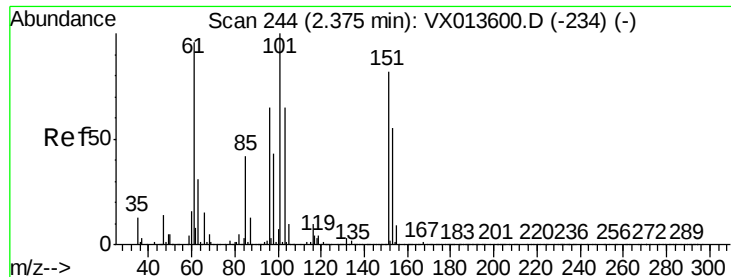


#8

Diethyl Ether
Concen: 50.844 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013809.D
Acq: 06 Dec 2019 18:59

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.2	48.9	146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.209 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.01 min

Lab File: VX013809.D

Acq: 06 Dec 2019 18:59

Instrument :

MSVOA_X

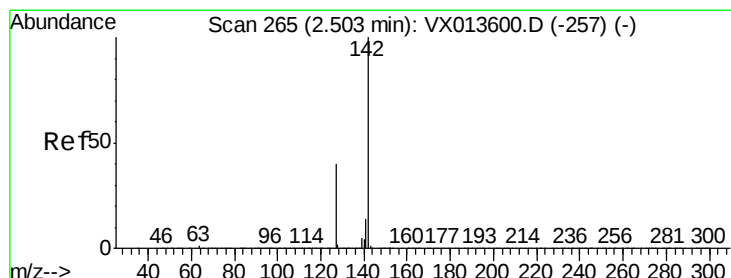
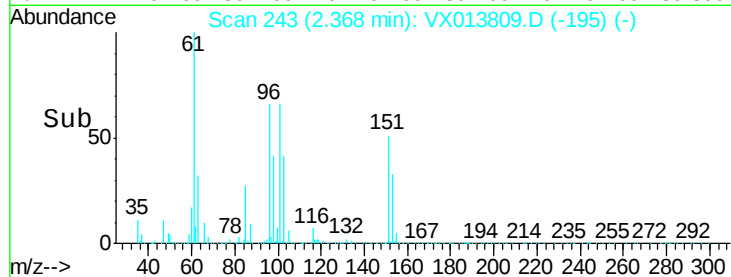
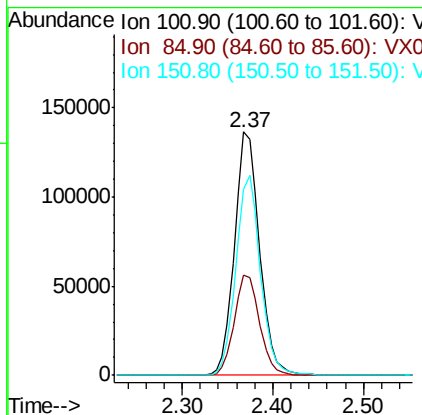
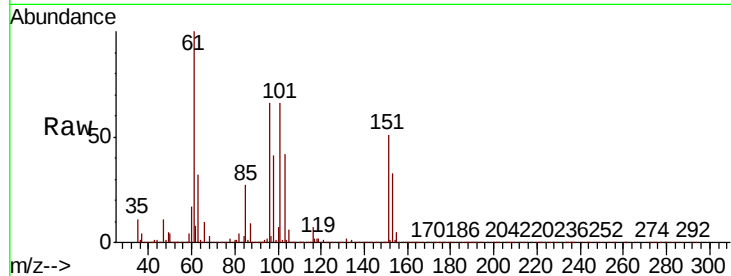
ClientSampleId :

RE134D1-20191202MSD

Tot Ion:	101	Resp:	261152
Ion Ratio	Lower	Upper	
101	100		
85	41.3	33.9	50.9
151	81.1	64.2	96.2

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#10

Methyl Iodide

Concen: 49.702 ug/l

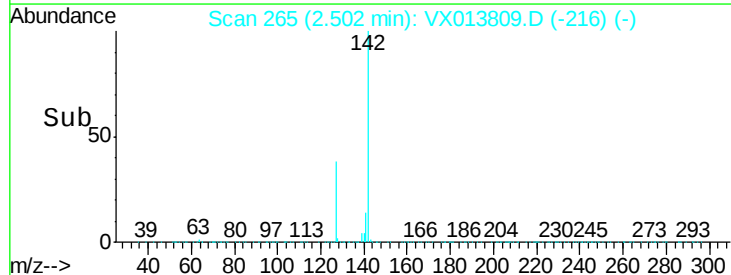
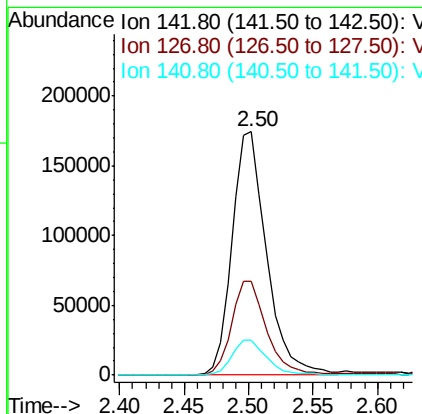
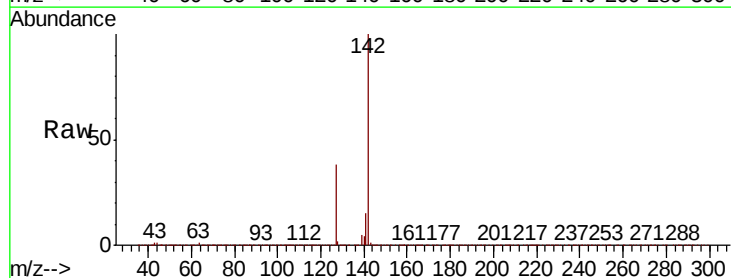
RT: 2.50 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX013809.D

Acq: 06 Dec 2019 18:59

Tgt Ion:	142	Resp:	325689
Ion Ratio	Lower	Upper	
142	100		
127	39.5	31.0	46.4
141	14.5	11.6	17.4





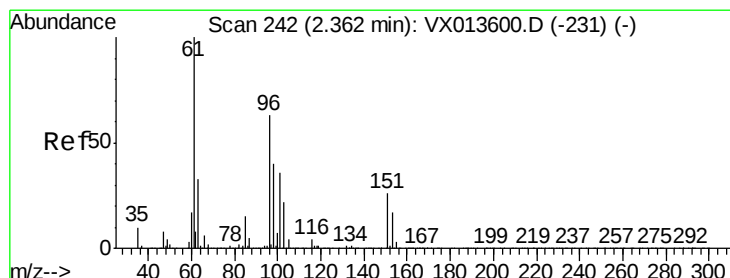
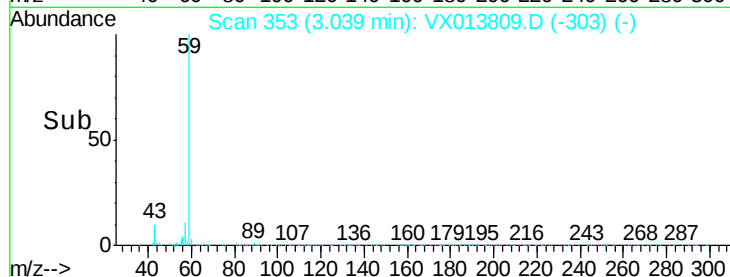
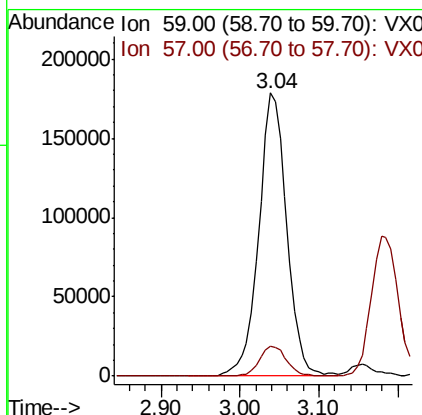
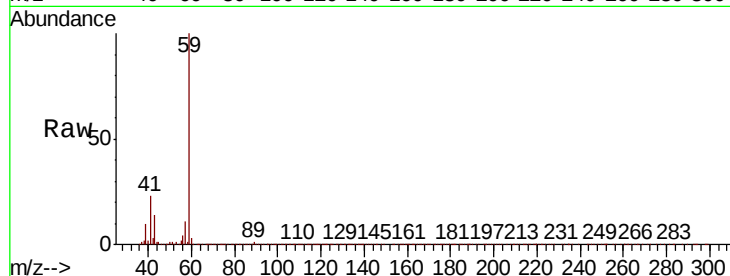
#11
Tert butyl alcohol
Concen: 269.094 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.01 min
Lab File: VX013809.D
Acq: 06 Dec 2019 18:59

Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20191202MSD

Tot Ion: 59 Resp: 438060
Ion Ratio Lower Upper
59 100
57 10.0 7.8 11.6

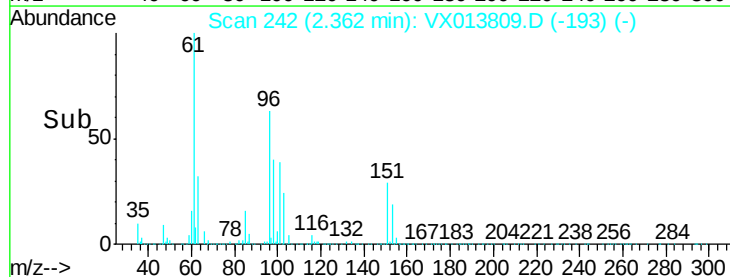
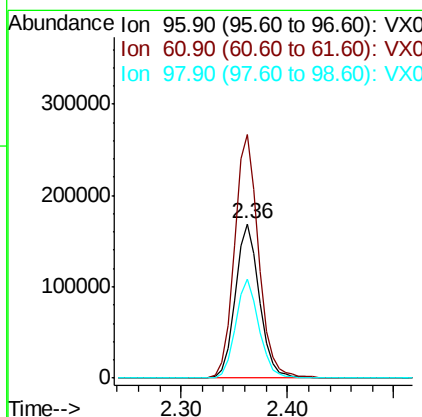
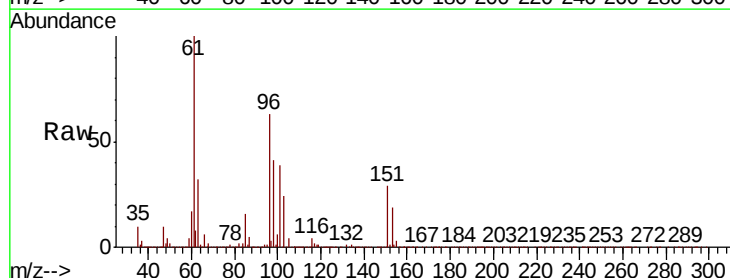
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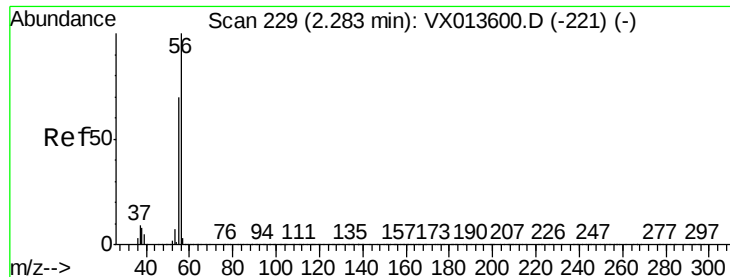
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#12
1,1-Dichloroethene
Concen: 49.412 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013809.D
Acq: 06 Dec 2019 18:59

Tgt Ion: 96 Resp: 267178
Ion Ratio Lower Upper
96 100
61 157.5 126.6 190.0
98 63.8 50.6 76.0





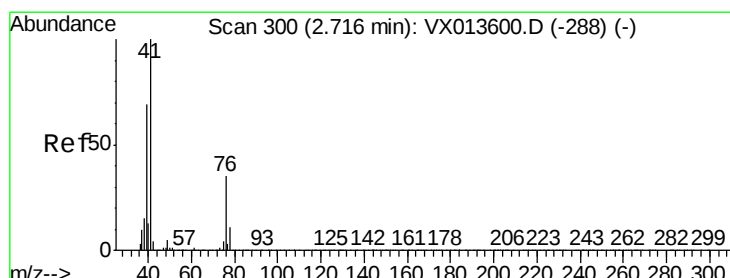
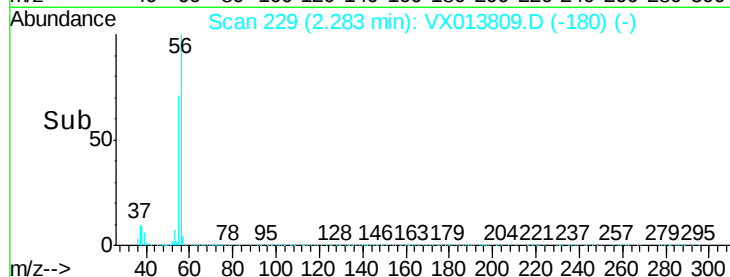
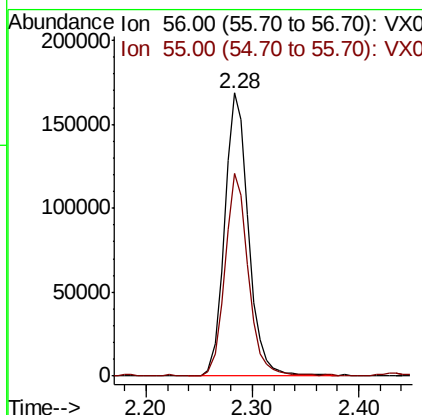
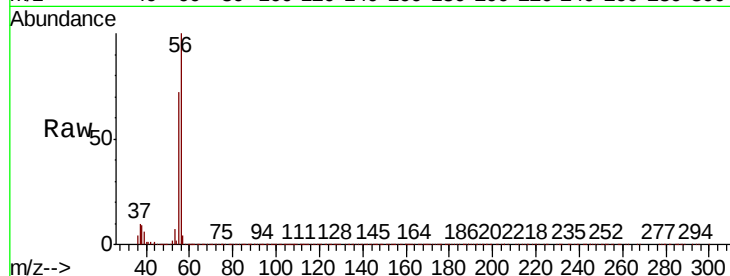
#13
Acrolein
Concen: 241.211 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX013809.D
Acq: 06 Dec 2019 18:59

Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20191202MSD

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.9	56.2	84.4

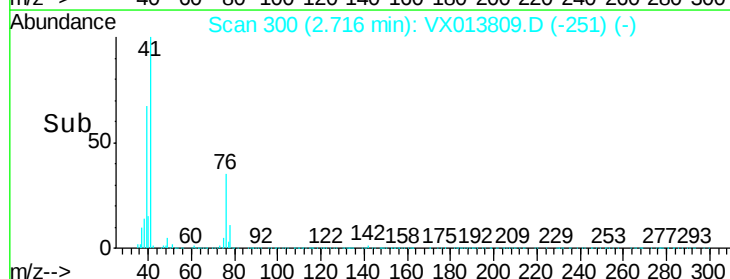
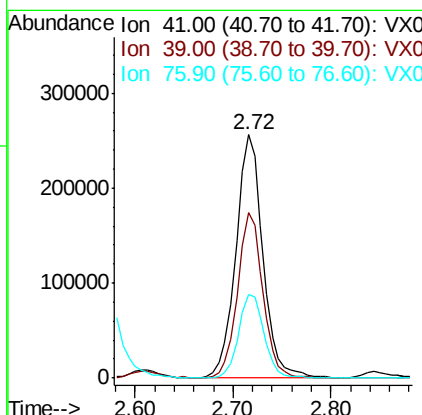
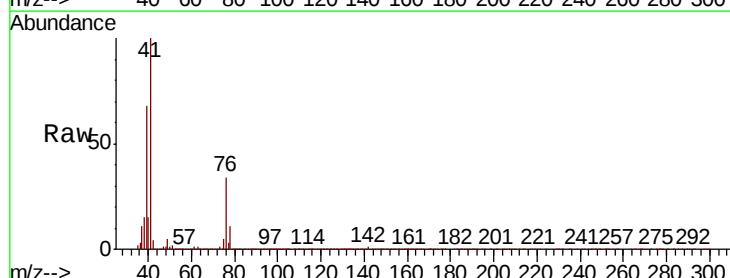
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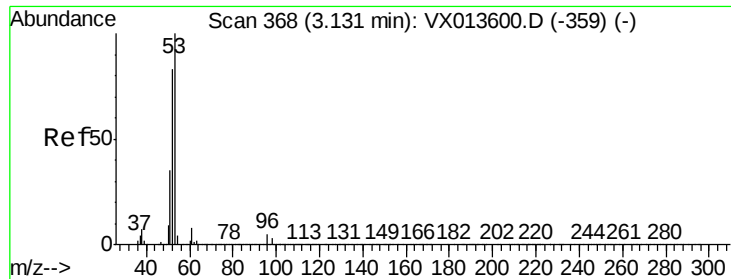
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#14
Allyl chloride
Concen: 49.812 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.00 min
Lab File: VX013809.D
Acq: 06 Dec 2019 18:59

Tgt Ion	Ratio	Lower	Upper
41	100		
39	63.6	51.7	77.5
76	32.2	25.9	38.9





#15

Acrylonitrile

Concen: 262.814 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013809.D

Acq: 06 Dec 2019 18:59

Instrument :

MSVOA_X

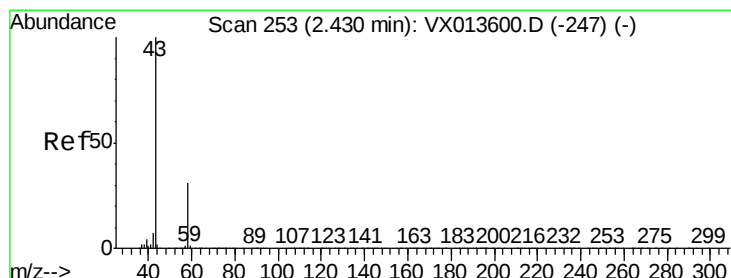
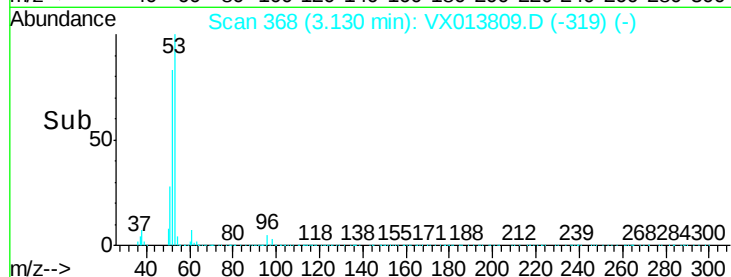
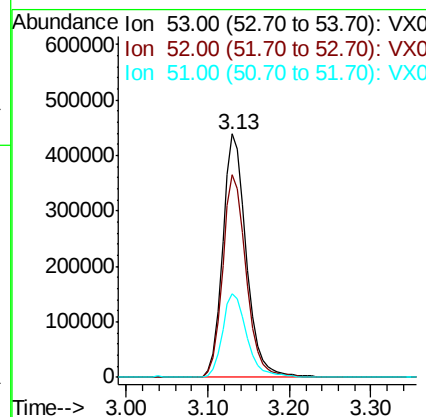
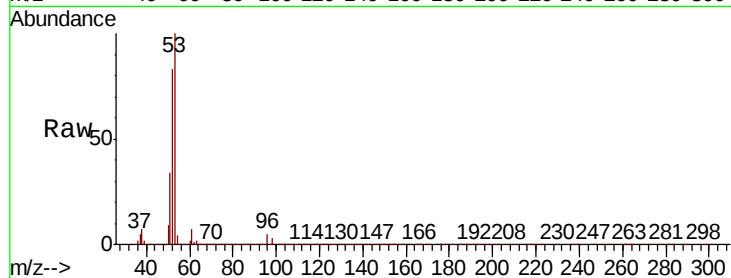
ClientSampleId :

RE134D1-20191202MSD

Tot Ion:	53	Resp:	883133
Ion Ratio		Lower	Upper
53	100		
52	82.6	66.2	99.2
51	35.4	29.0	43.6

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#16

Acetone

Concen: 237.849 ug/l

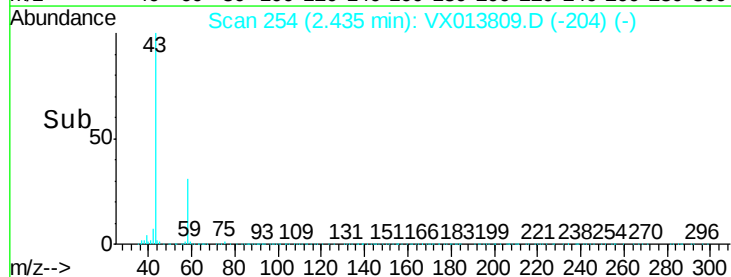
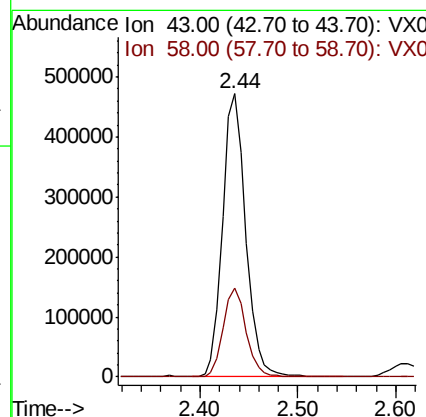
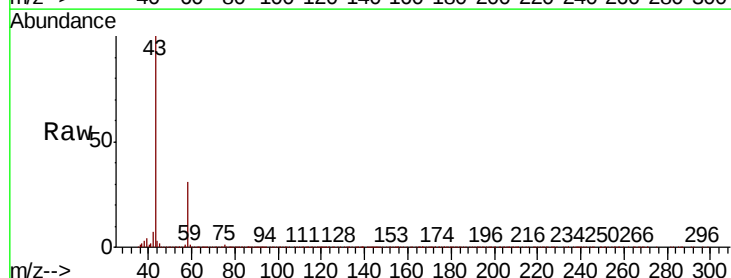
RT: 2.44 min Scan# 254

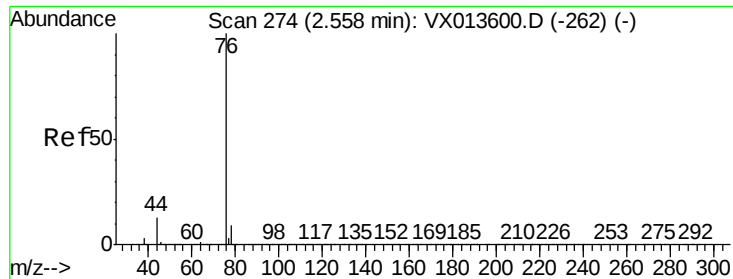
Delta R.T. 0.01 min

Lab File: VX013809.D

Acq: 06 Dec 2019 18:59

Tgt Ion:	43	Resp:	774470
Ion Ratio		Lower	Upper
43	100		
58	31.4	24.6	36.8





#17

Carbon Disulfide

Concen: 44.968 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX013809.D

Acq: 06 Dec 2019 18:59

Instrument :

MSVOA_X

ClientSampleId :

RE134D1-20191202MSD

Tot Ion: 76 Resp: 693135

Ion Ratio Lower Upper

76 100

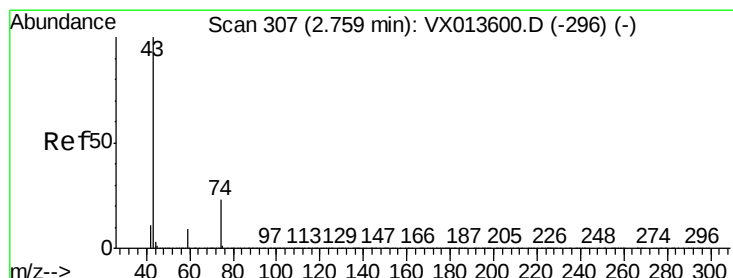
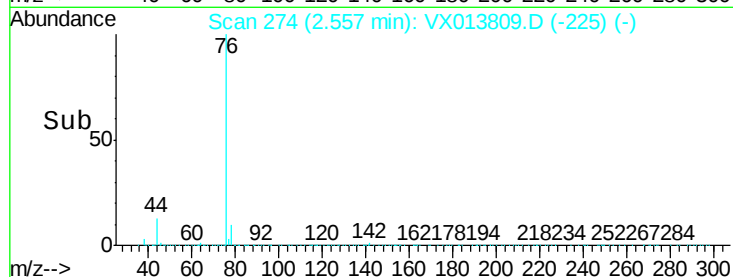
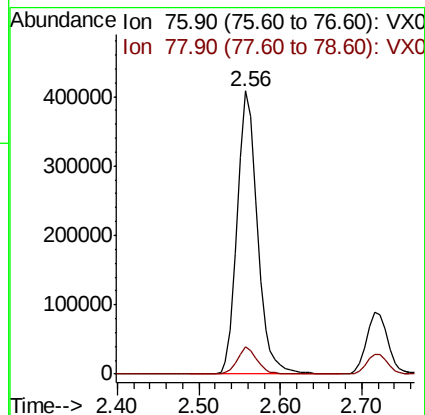
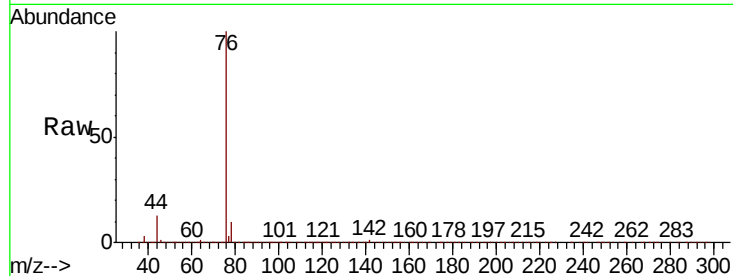
78 9.6 7.2 10.8

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#18

Methyl Acetate

Concen: 53.083 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.01 min

Lab File: VX013809.D

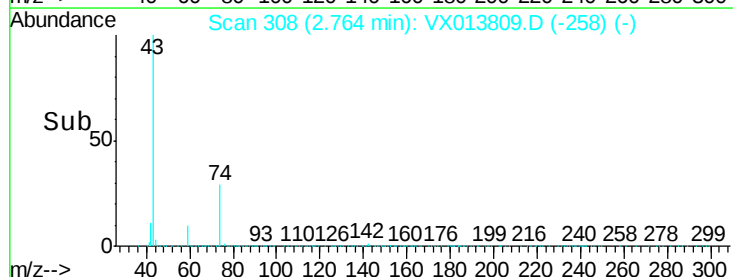
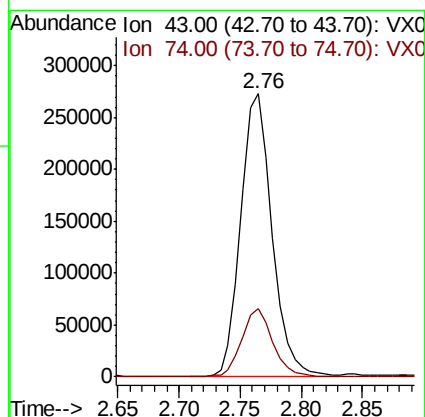
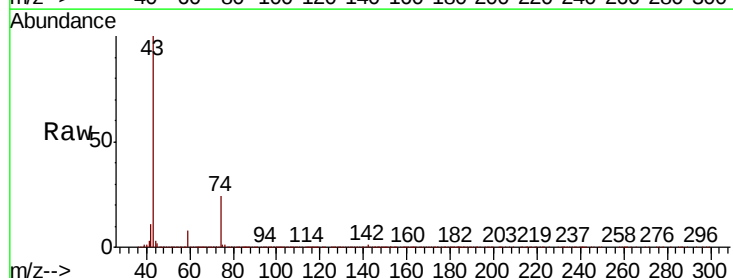
Acq: 06 Dec 2019 18:59

Tgt Ion: 43 Resp: 481308

Ion Ratio Lower Upper

43 100

74 24.2 19.5 29.3





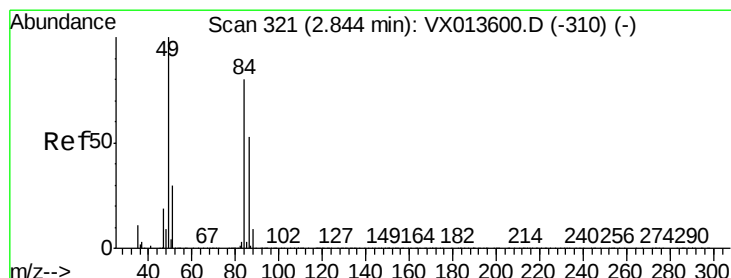
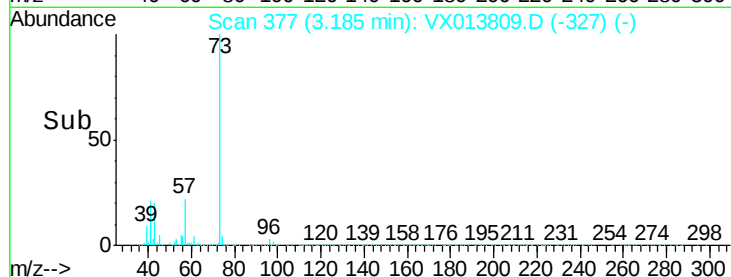
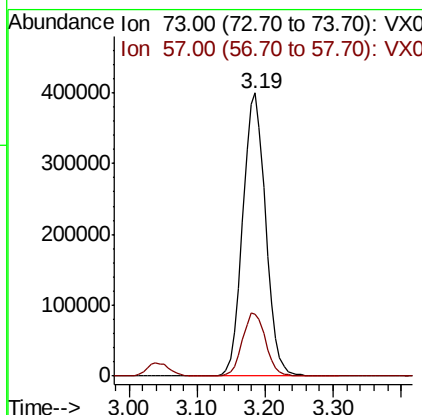
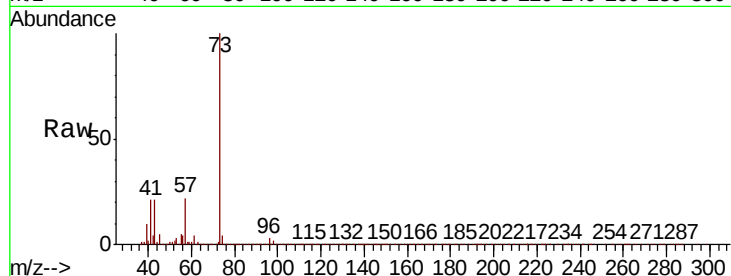
#19
Methvl tert-butvl Ether
Concen: 51.883 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.01 min
Lab File: VX013809.D
Acq: 06 Dec 2019 18:59

Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20191202MSD

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.8	18.3	27.5

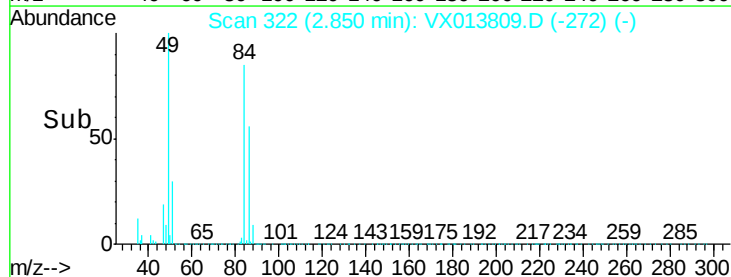
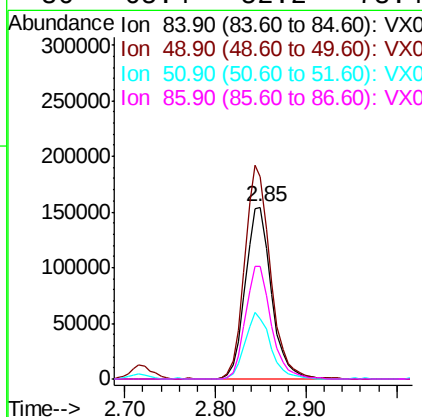
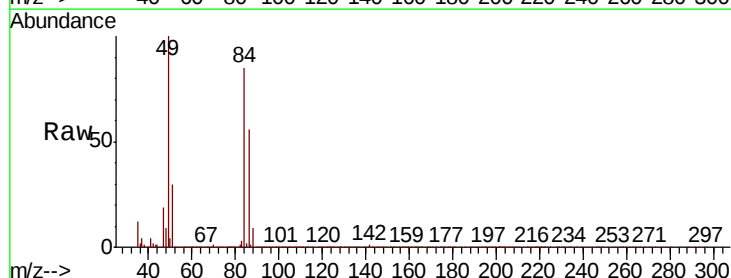
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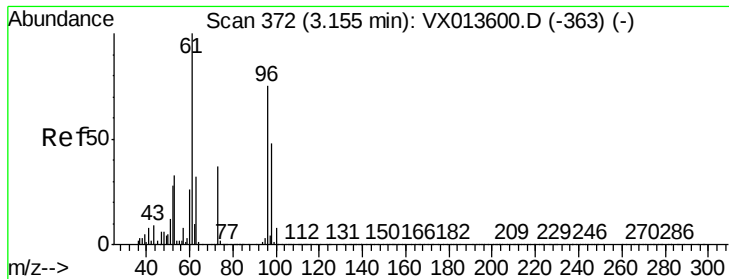
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#20
Methylene Chloride
Concen: 49.147 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013809.D
Acq: 06 Dec 2019 18:59

Tgt Ion	Ratio	Lower	Upper
84	100		
49	117.4	99.7	149.5
51	34.6	29.9	44.9
86	65.4	52.2	78.4





#21

trans-1,2-Dichloroethene

Concen: 48.360 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013809.D

Acq: 06 Dec 2019 18:59

Instrument :

MSVOA_X

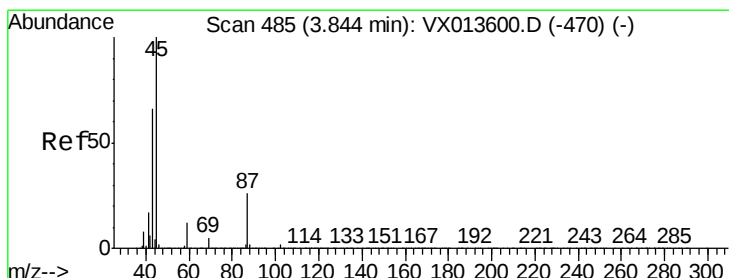
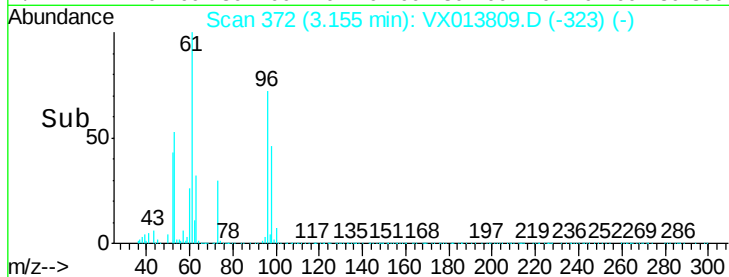
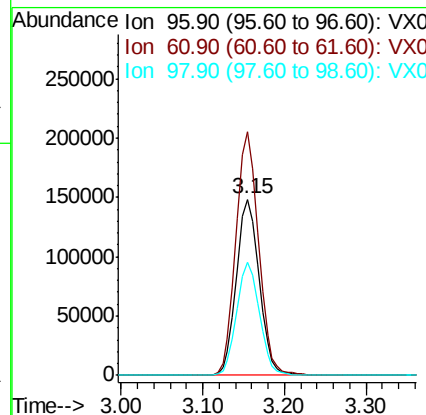
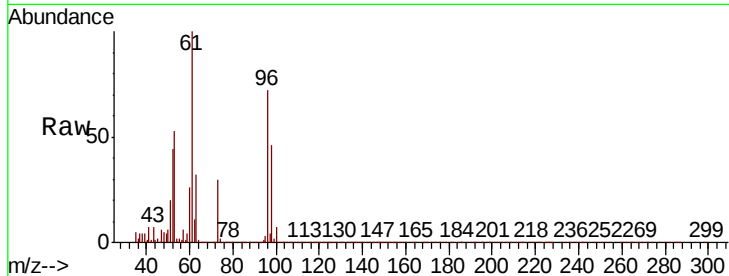
ClientSampleId :

RE134D1-20191202MSD

Tot Ion:	96	Resp:	284861
Ion Ratio	Lower	Upper	
96	100		
61	138.5	107.2	160.8
98	64.0	51.4	77.0

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#22

Diisopropyl ether

Concen: 52.021 ug/l

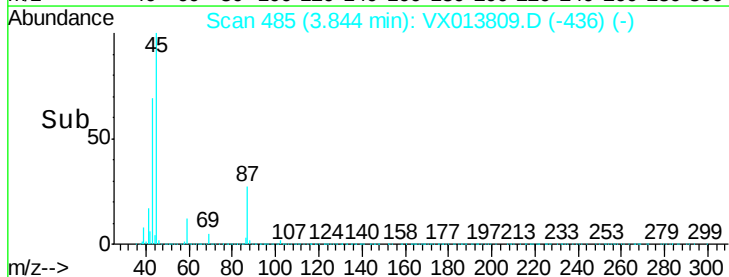
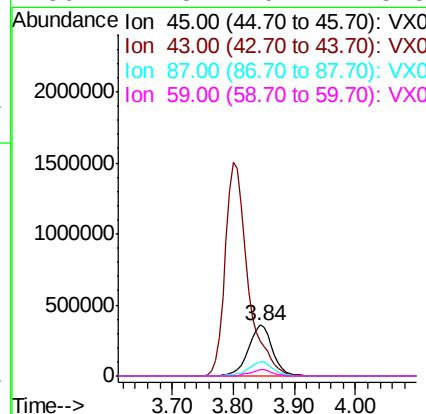
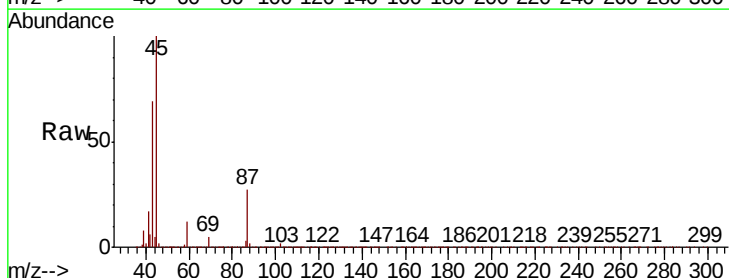
RT: 3.84 min Scan# 485

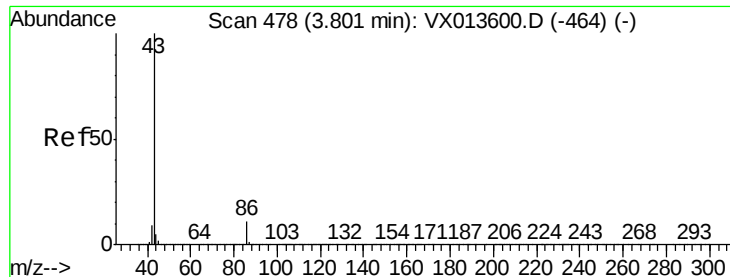
Delta R.T. -0.00 min

Lab File: VX013809.D

Acq: 06 Dec 2019 18:59

Tgt Ion:	45	Resp:	982905
Ion Ratio	Lower	Upper	
45	100		
43	68.8	52.6	79.0
87	26.8	21.1	31.7
59	11.8	9.2	13.8





#23

Vinyl Acetate

Concen: 246.908 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013809.D

Acq: 06 Dec 2019 18:59

Instrument :

MSVOA_X

ClientSampleId :

RE134D1-20191202MSD

Tot Ion: 43 Resp: 3880955

Ion Ratio Lower Upper

43 100

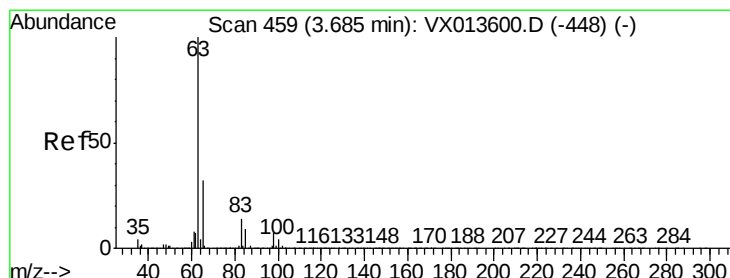
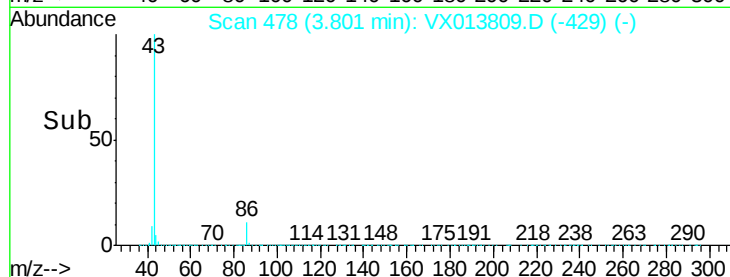
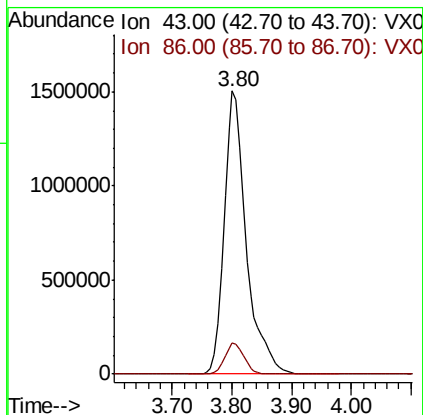
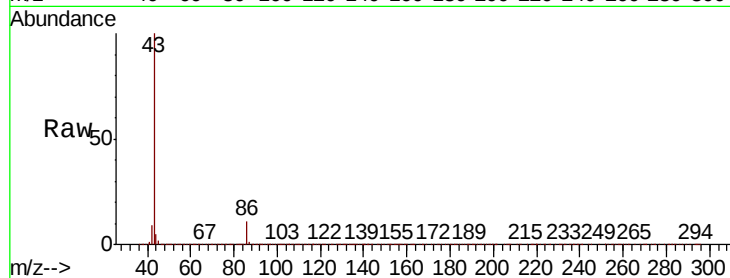
86 11.0 8.7 13.1

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#24

1,1-Dichloroethane

Concen: 51.809 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013809.D

Acq: 06 Dec 2019 18:59

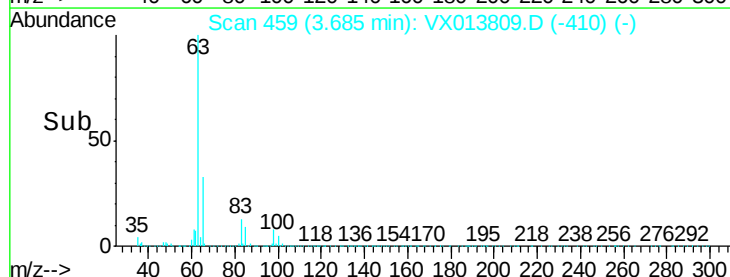
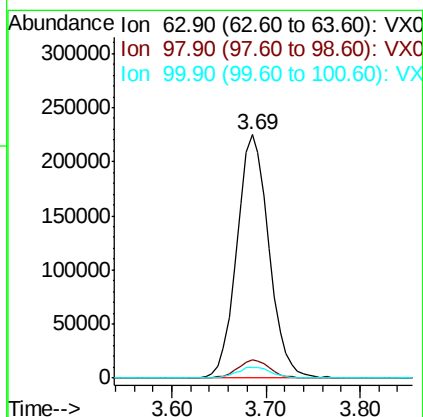
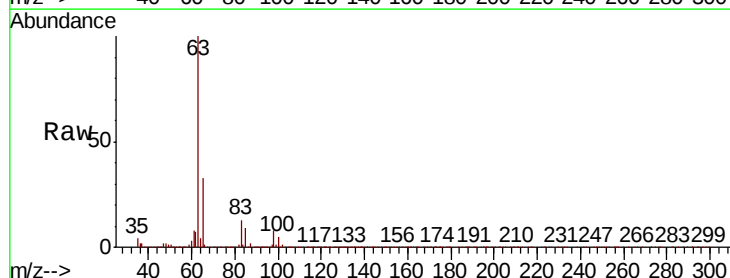
Tgt Ion: 63 Resp: 535130

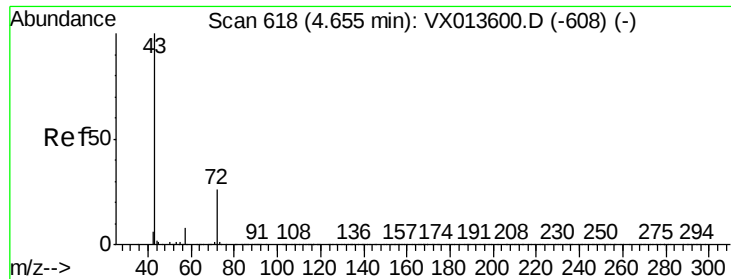
Ion Ratio Lower Upper

63 100

98 7.7 3.5 10.4

100 4.5 2.1 6.3





#25

2-Butanone

Concen: 260.591 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX013809.D

Acq: 06 Dec 2019 18:59

Instrument :

MSVOA_X

ClientSampleId :

RE134D1-20191202MSD

Tot Ion: 43 Resp: 1261063

Ion Ratio Lower Upper

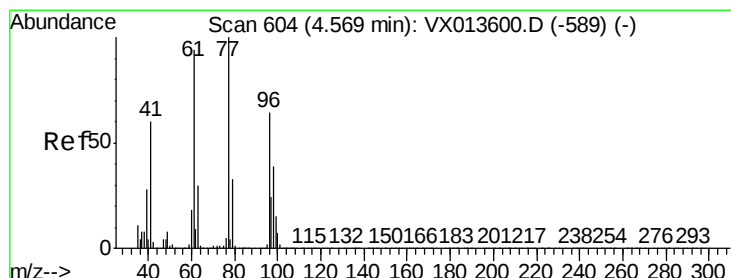
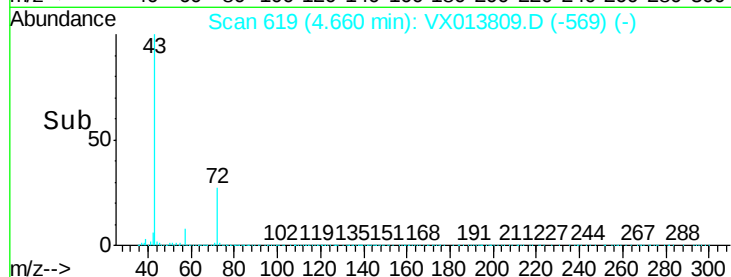
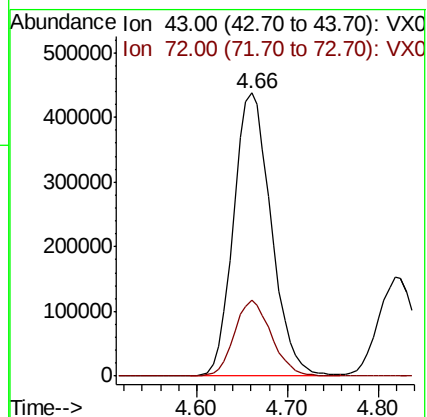
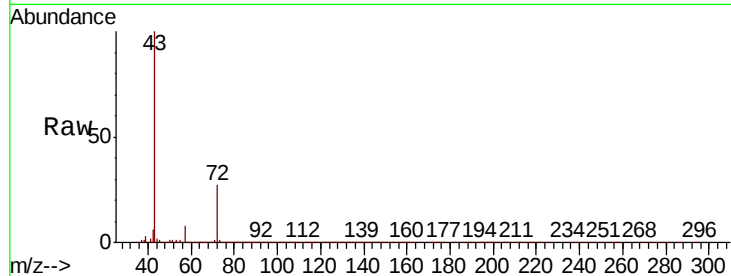
43 100

72 26.7 20.6 31.0

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#26

2,2-Dichloropropane

Concen: 42.601 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013809.D

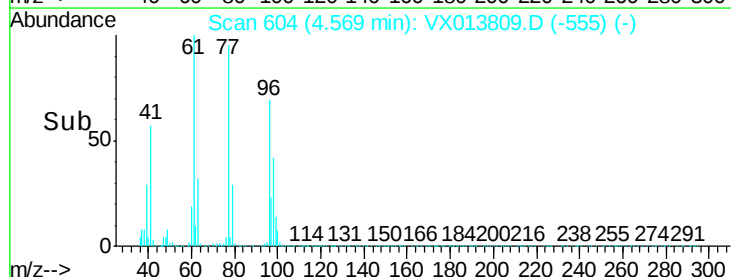
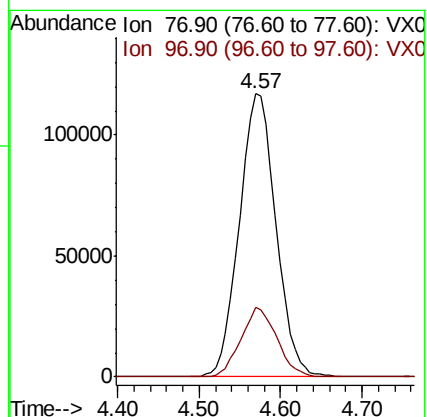
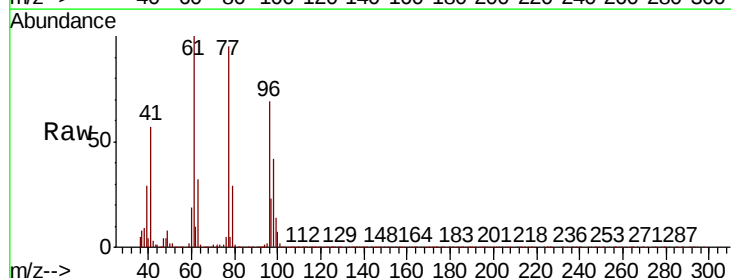
Acq: 06 Dec 2019 18:59

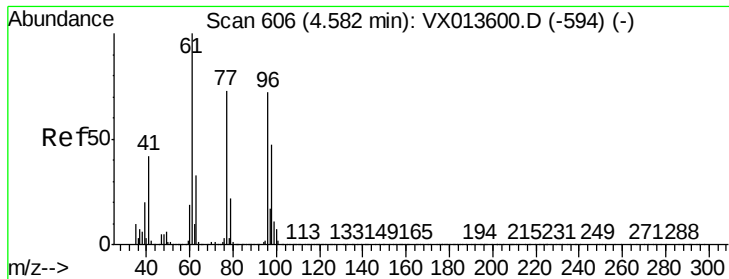
Tgt Ion: 77 Resp: 364065

Ion Ratio Lower Upper

77 100

97 24.2 12.0 36.1





#27

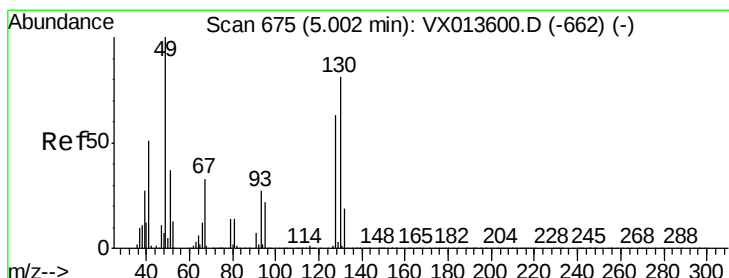
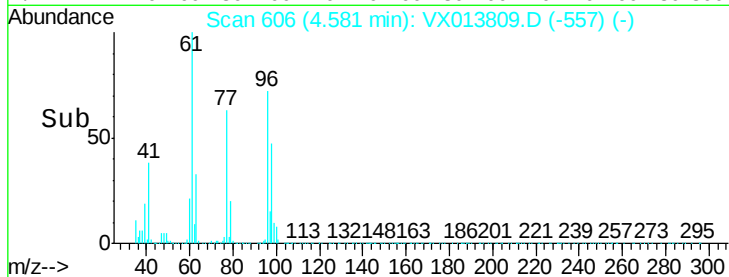
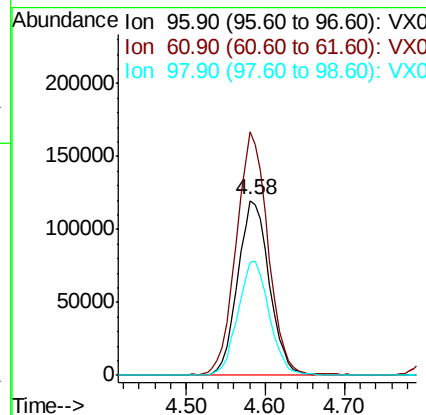
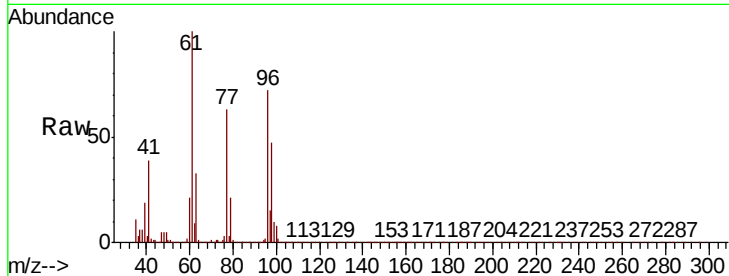
cis-1,2-Dichloroethene
Concen: 49.189 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX013809.D
Acq: 06 Dec 2019 18:59

Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20191202MSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100	332742		
61	141.5	0.0	286.4	
98	65.0	0.0	127.4	

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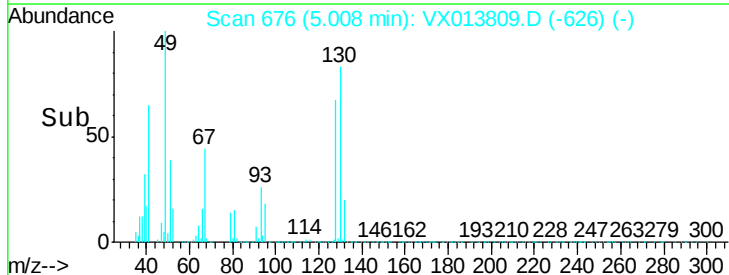
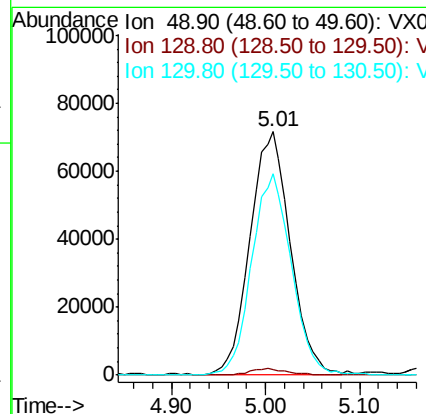
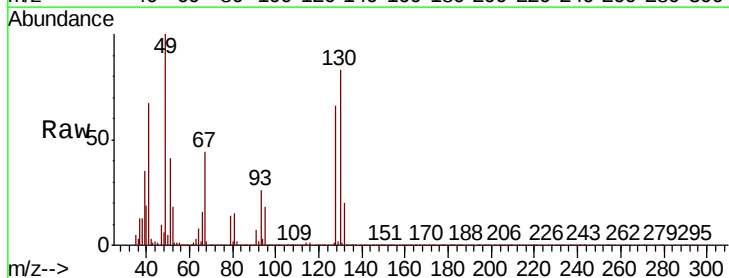
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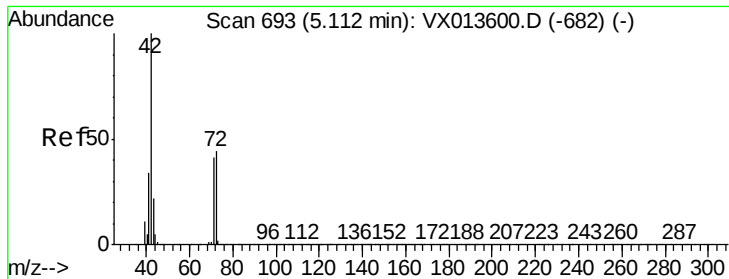


#28

Bromochloromethane
Concen: 52.492 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX013809.D
Acq: 06 Dec 2019 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	214259		
129	2.5	0.0	5.0	
130	81.4	65.4	98.0	





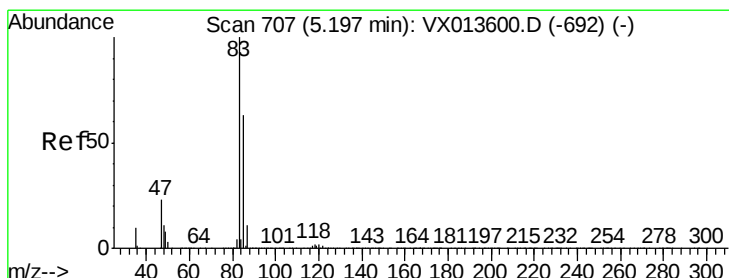
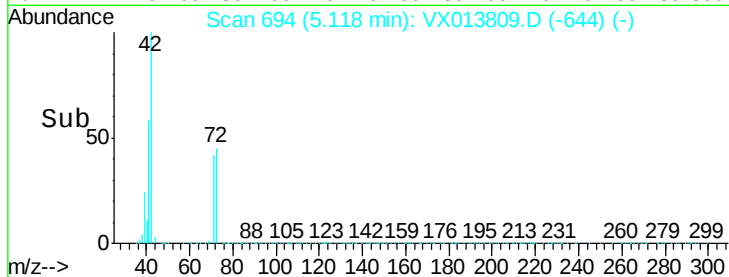
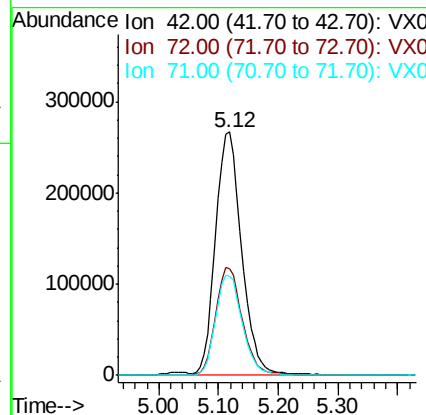
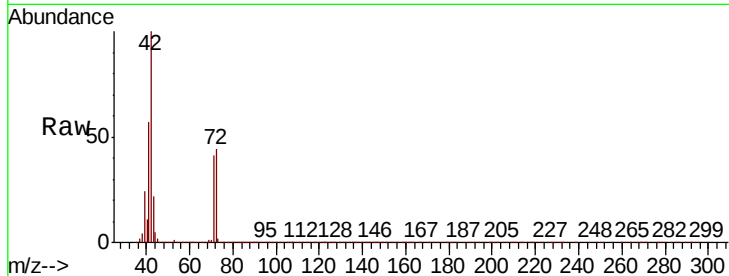
#29
Tetrahydrofuran
Concen: 270.504 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX013809.D
Acq: 06 Dec 2019 18:59

Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20191202MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.1	36.3	54.5
71	41.9	33.2	49.8

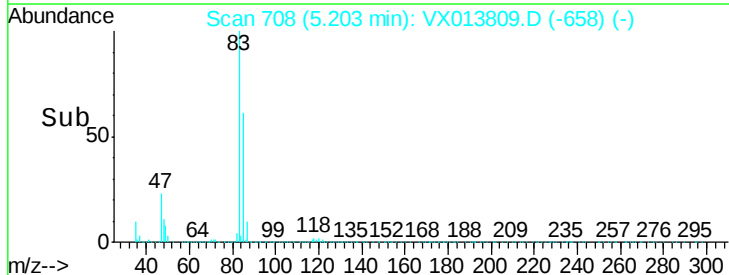
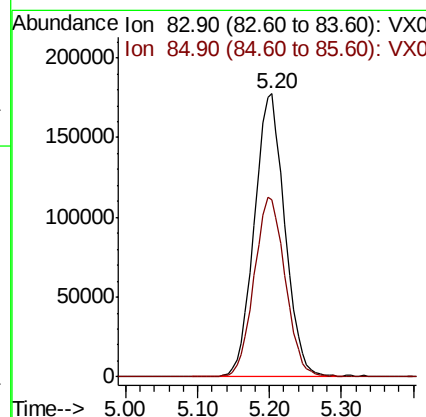
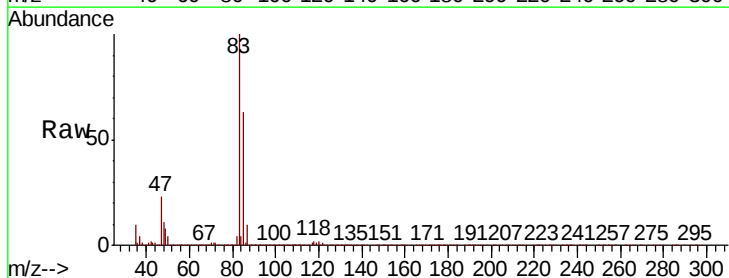
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#30
Chloroform
Concen: 49.743 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX013809.D
Acq: 06 Dec 2019 18:59

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.5	50.2	75.4





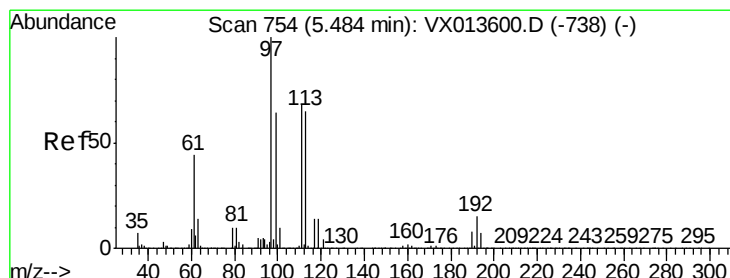
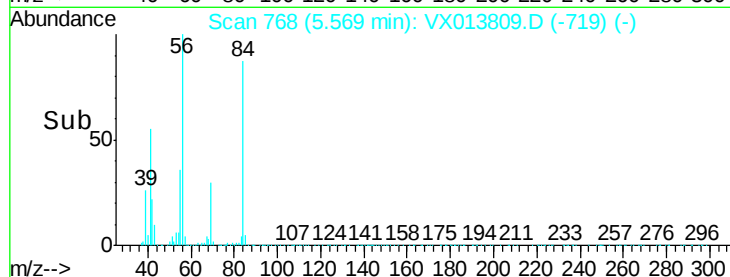
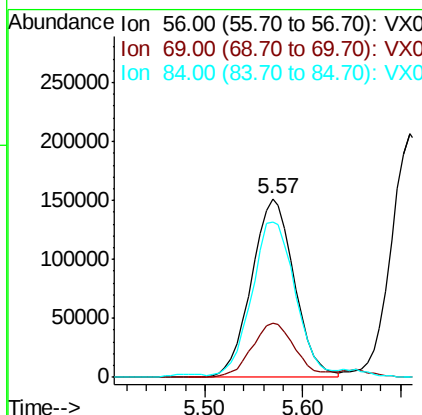
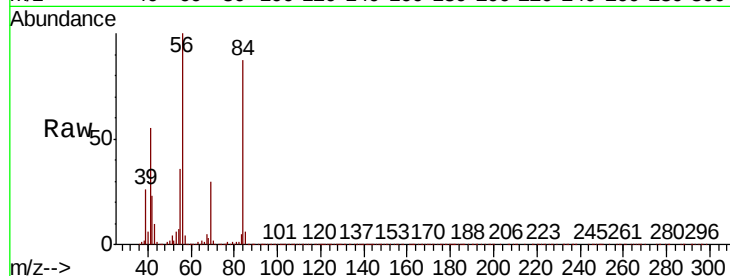
#31
Cyclohexane
Concen: 47.315 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013809.D
Acq: 06 Dec 2019 18:59

Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20191202MSD

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.2	24.6	36.8
84	85.1	70.0	105.0

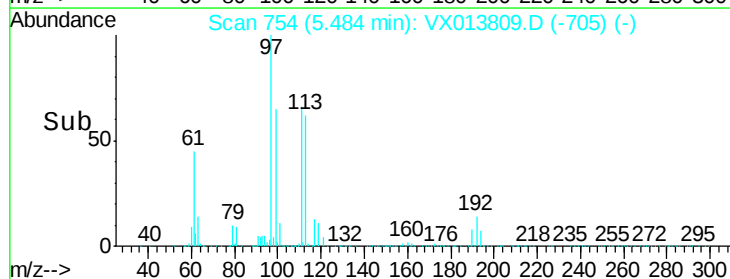
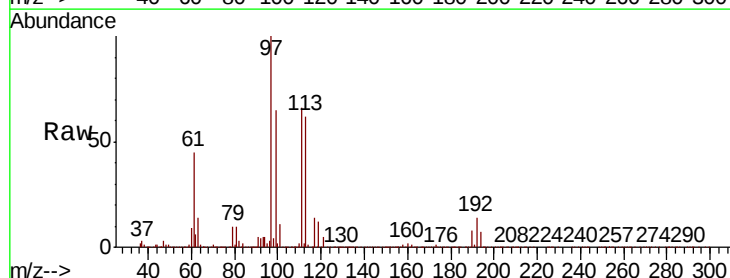
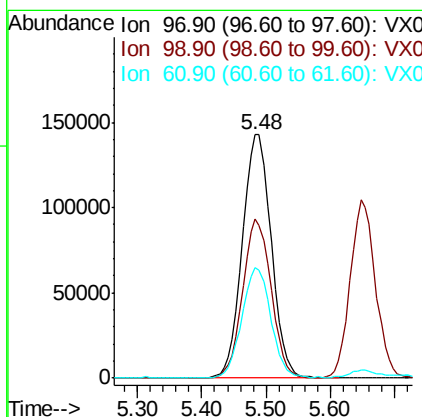
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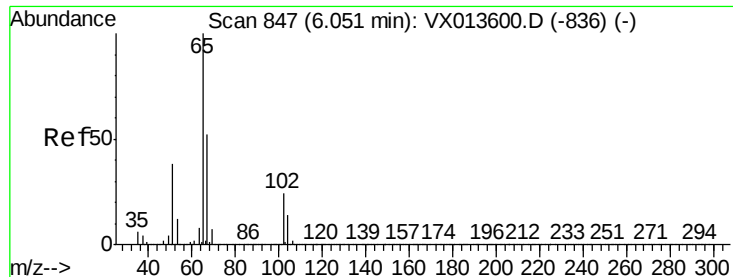
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#32
1,1,1-Trichloroethane
Concen: 50.299 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX013809.D
Acq: 06 Dec 2019 18:59

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.6	77.4
61	44.6	36.1	54.1





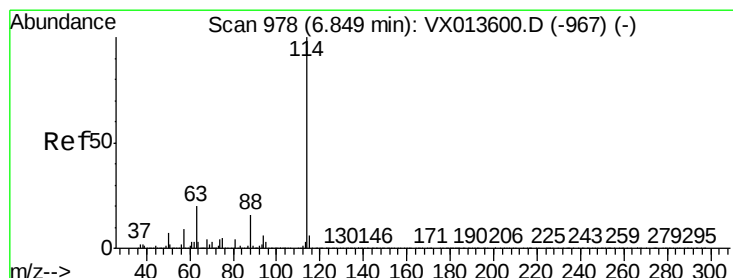
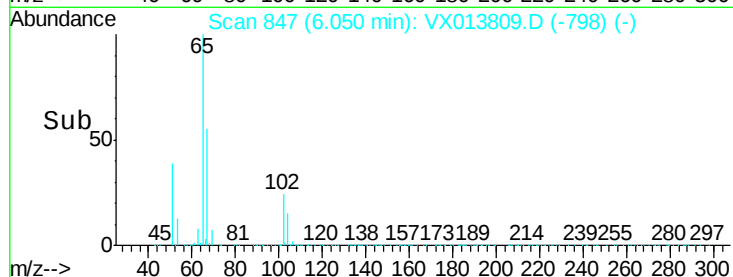
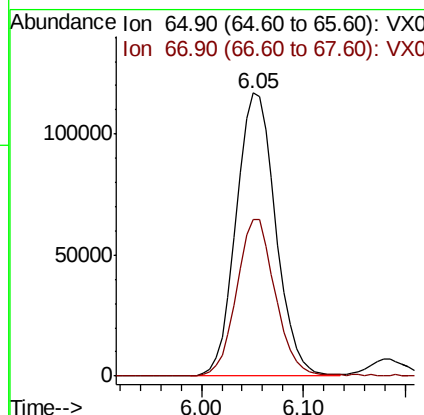
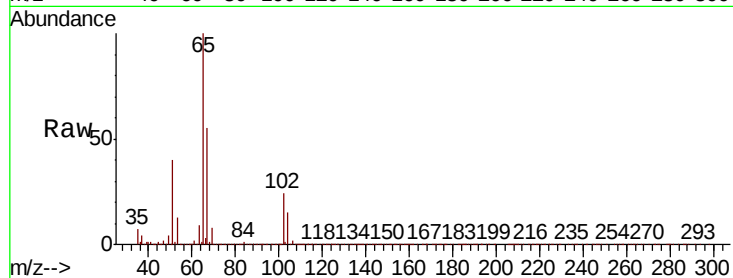
#33
 1,2-Dichloroethane-d4
 Concen: 47.408 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX013809.D
 Acq: 06 Dec 2019 18:59

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D1-20191202MSD

Tot Ion	Ratio	Resp	Lower	Upper
65	100	312665		
67	54.0	0.0	104.4	

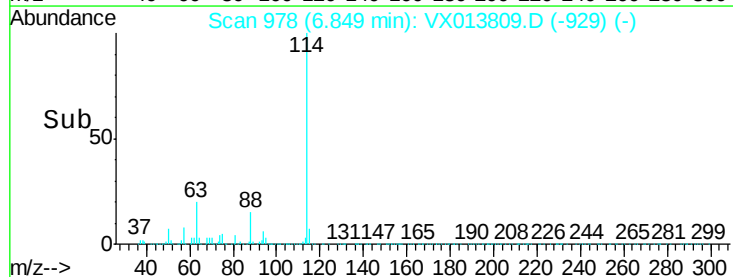
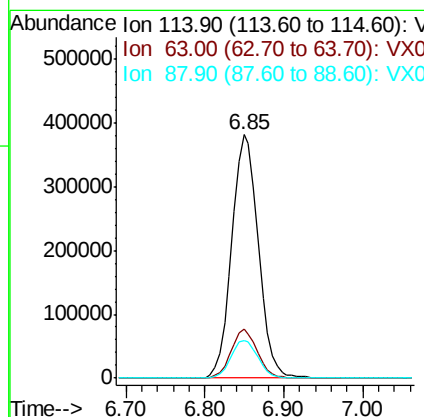
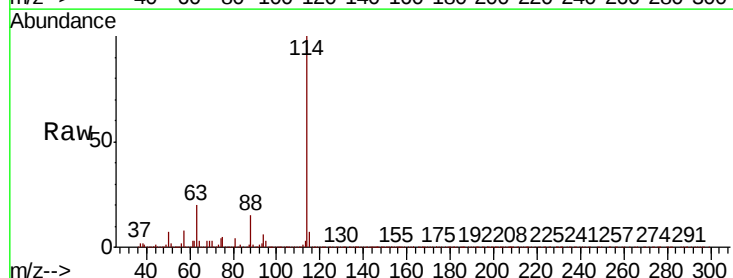
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013809.D
 Acq: 06 Dec 2019 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	897205		
63	20.1	0.0	39.6	
88	15.1	0.0	31.4	





#35

Dibromofluoromethane

Concen: 47.626 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013809.D

Acq: 06 Dec 2019 18:59

Instrument :

MSVOA_X

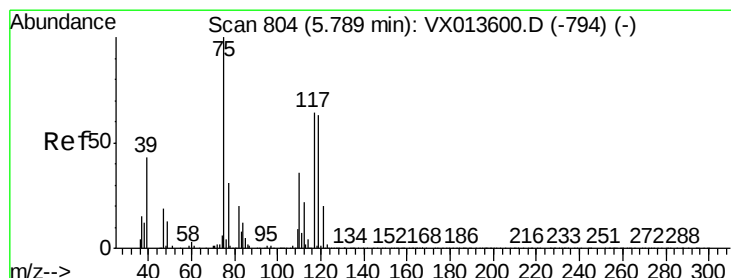
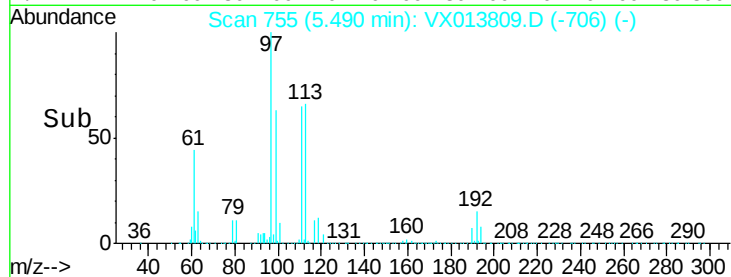
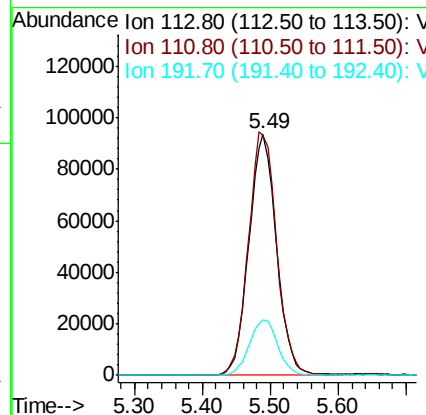
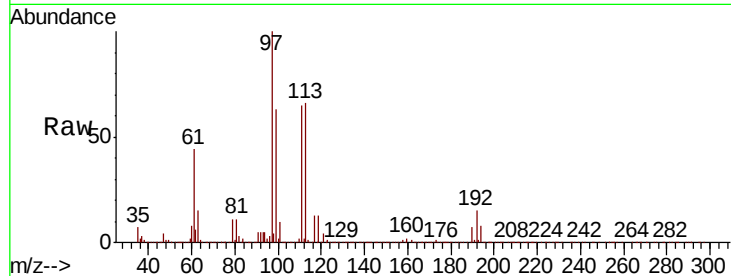
ClientSampleId :

RE134D1-20191202MSD

Tot Ion:	113	Resp:	264165
Ion Ratio	Lower	Upper	
113	100		
111	102.7	83.6	125.4
192	23.6	19.2	28.8

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#36

1,1-Dichloropropene

Concen: 46.601 ug/l

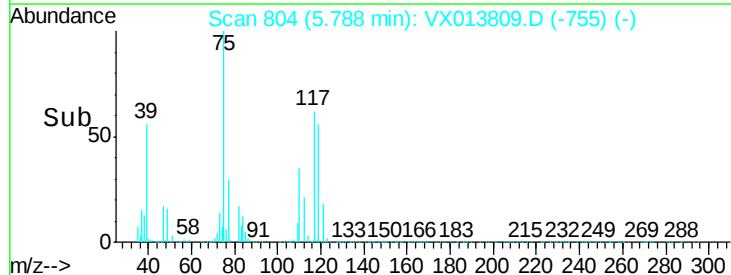
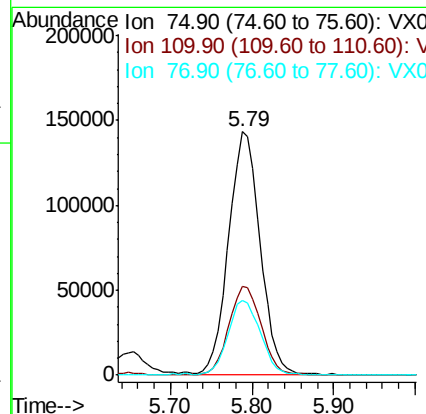
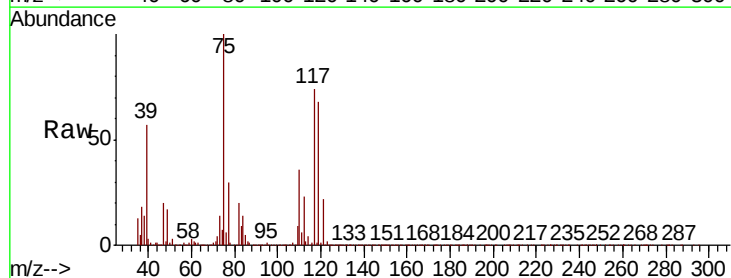
RT: 5.79 min Scan# 804

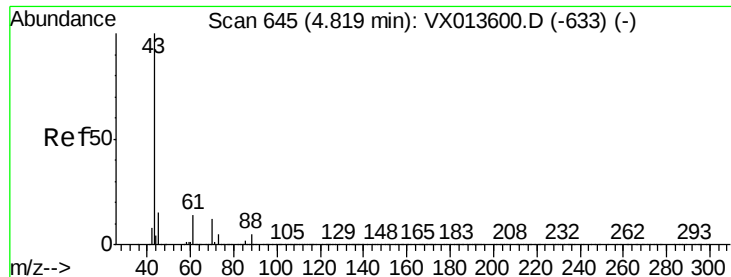
Delta R.T. -0.00 min

Lab File: VX013809.D

Acq: 06 Dec 2019 18:59

Tgt Ion:	75	Resp:	379536
Ion Ratio	Lower	Upper	
75	100		
110	37.4	18.1	54.1
77	31.3	24.5	36.7





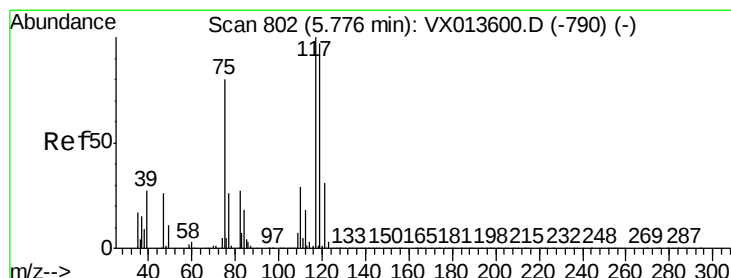
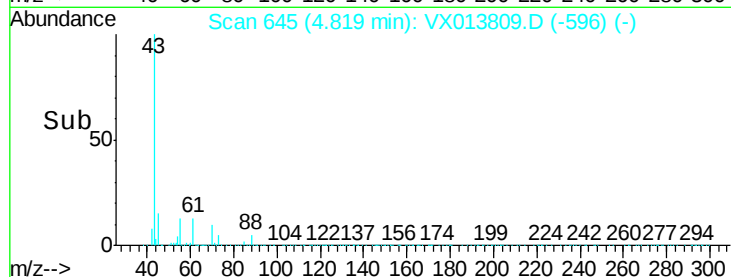
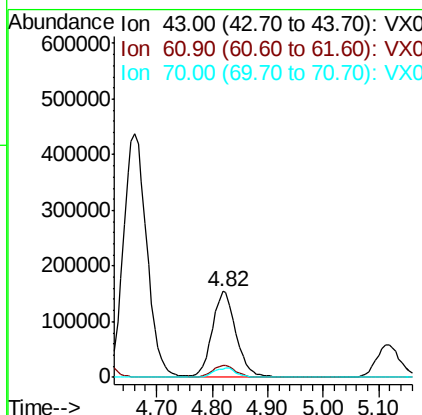
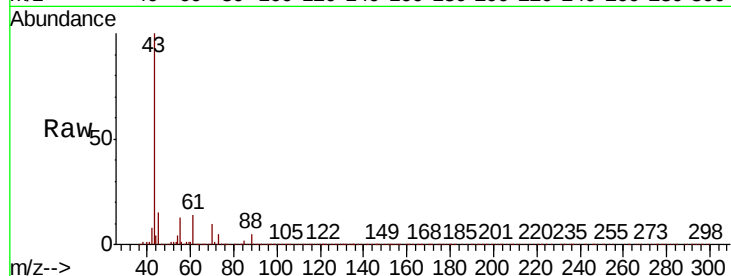
#37
Ethyl Acetate
Concen: 50.030 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013809.D
Acq: 06 Dec 2019 18:59

Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20191202MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.9	11.0	16.4
70	10.6	8.6	12.8

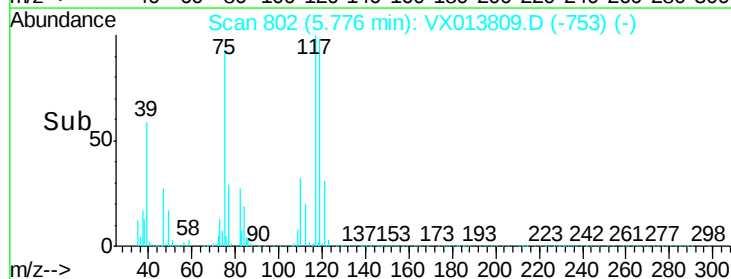
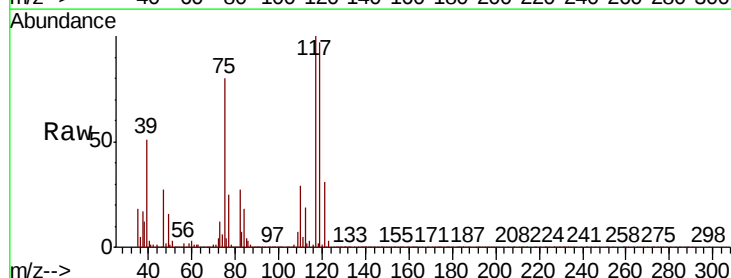
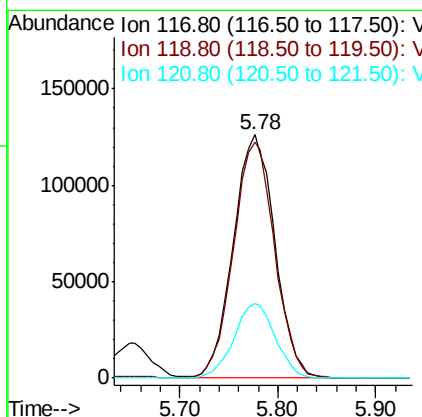
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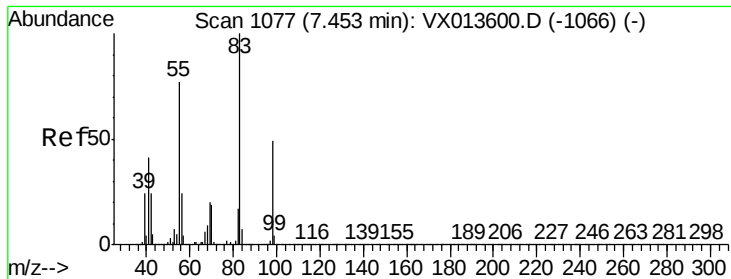
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#38
Carbon Tetrachloride
Concen: 49.310 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013809.D
Acq: 06 Dec 2019 18:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	77.5	116.3
121	30.5	25.0	37.6





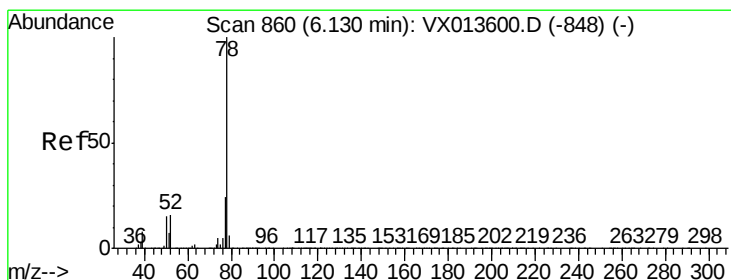
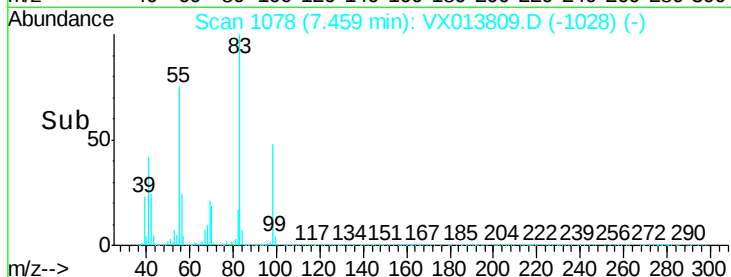
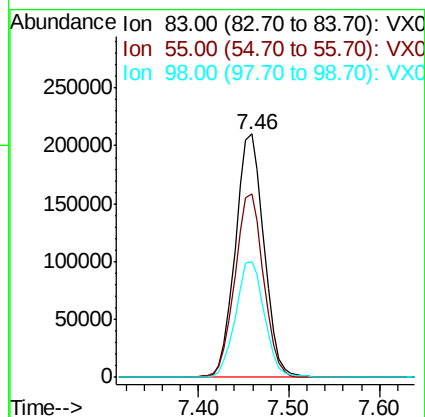
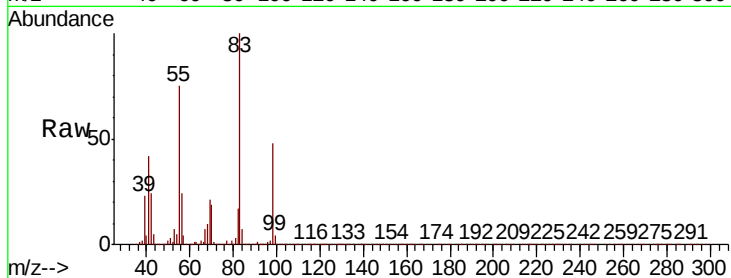
#39
Methvlcvclohexane
Concen: 45.470 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013809.D
Acq: 06 Dec 2019 18:59

Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20191202MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.0	61.9	92.9
98	47.5	39.4	59.0

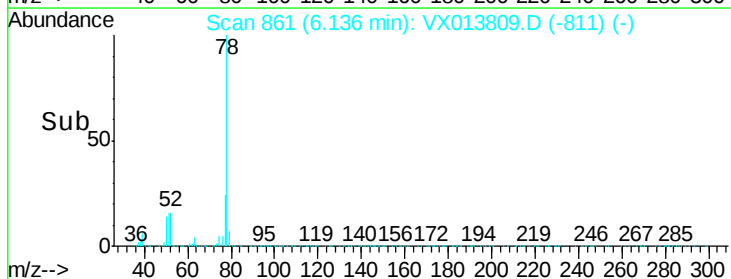
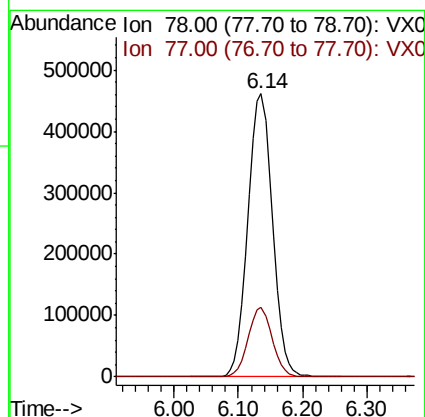
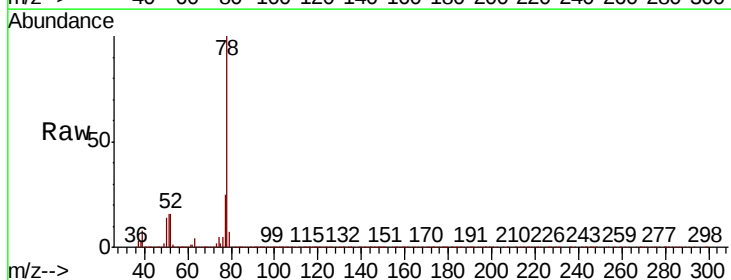
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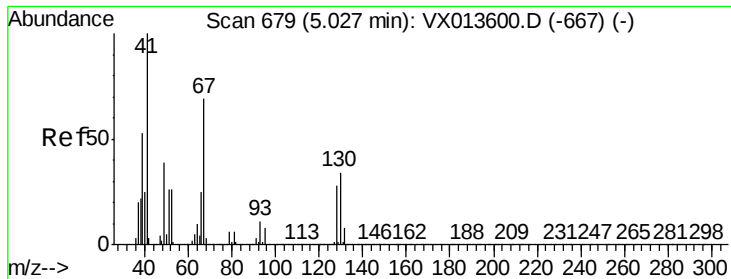
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#40
Benzene
Concen: 48.706 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013809.D
Acq: 06 Dec 2019 18:59

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.0	28.4





#41

Methacrylonitrile

Concen: 53.940 ug/l

RT: 5.03 min Scan# 680

Delta R.T. 0.01 min

Lab File: VX013809.D

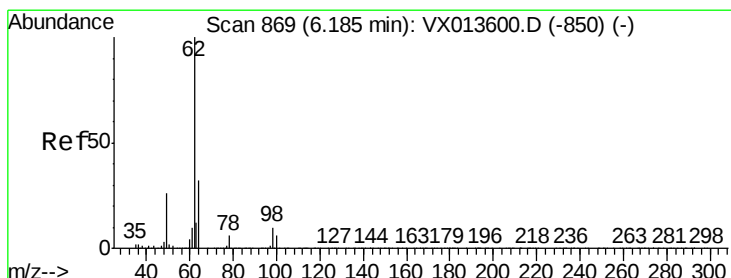
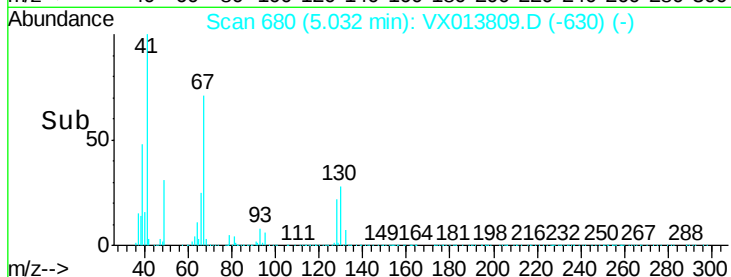
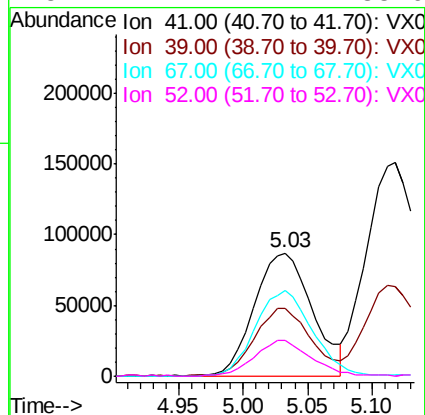
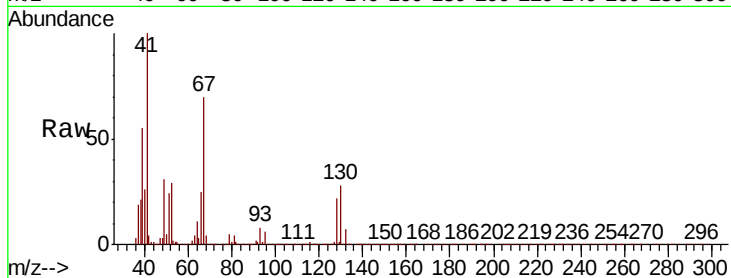
Acq: 06 Dec 2019 18:59

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		270278		
39	53.8	42.9	64.3		
67	68.6	57.4	86.0		
52	27.7	22.4	33.6		

Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20191202MSD

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#42

1,2-Dichloroethane

Concen: 49.329 ug/l

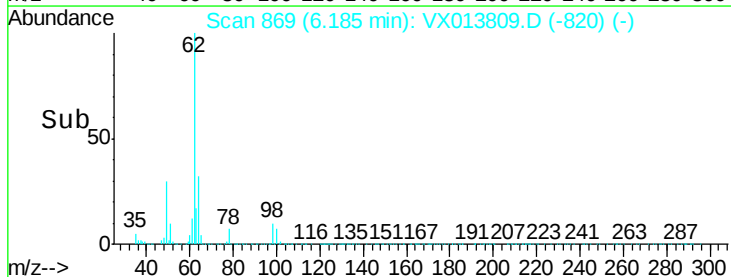
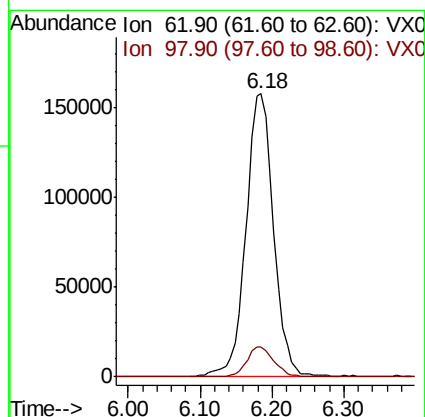
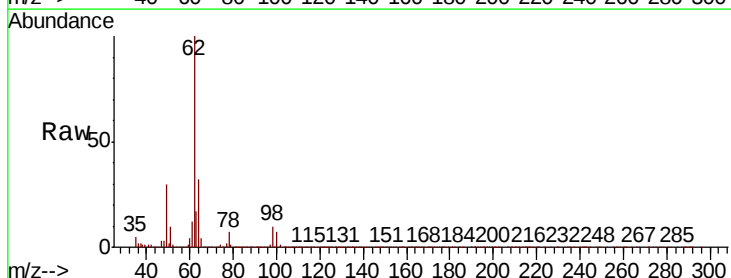
RT: 6.18 min Scan# 869

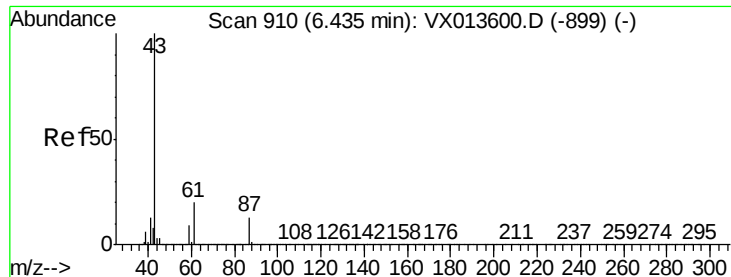
Delta R.T. -0.00 min

Lab File: VX013809.D

Acq: 06 Dec 2019 18:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		417298		
98	10.2	0.0	20.8		





#43

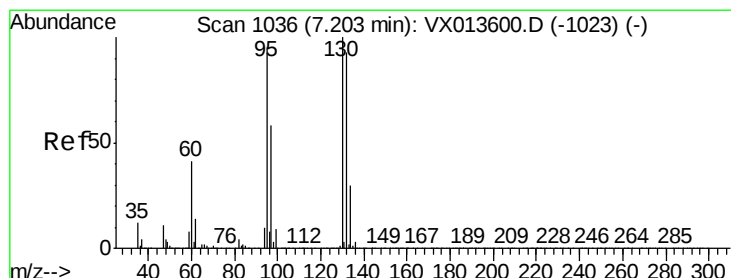
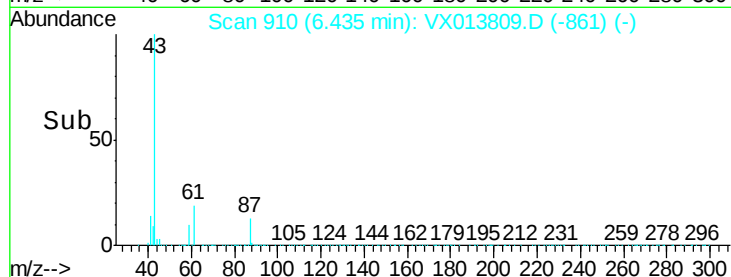
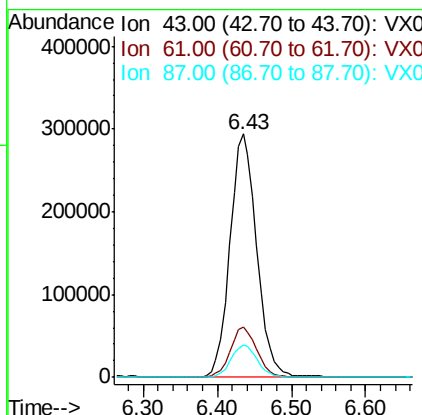
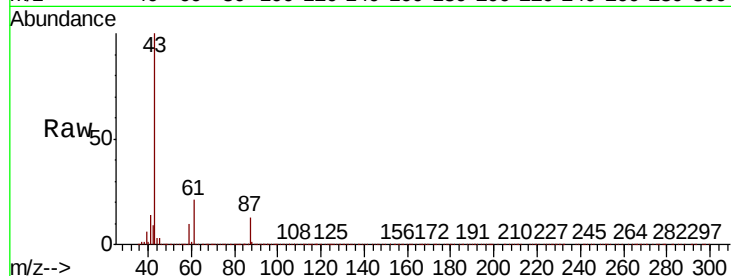
Isopropyl Acetate
 Concen: 48.907 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: VX013809.D
 Acq: 06 Dec 2019 18:59

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D1-20191202MSD

Tot Ion:	43	Resp:	735661
Ion Ratio		Lower	Upper
43	100		
61	20.6	16.3	24.5
87	13.4	10.8	16.2

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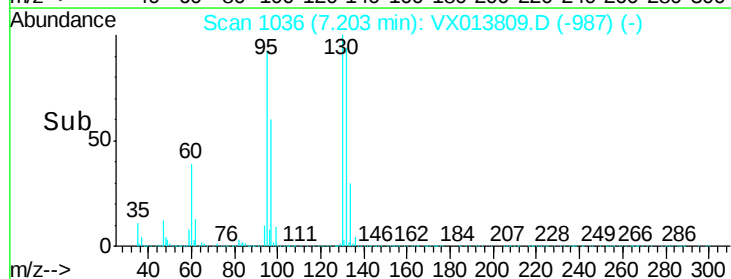
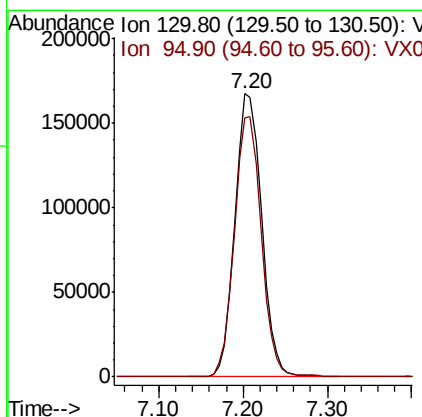
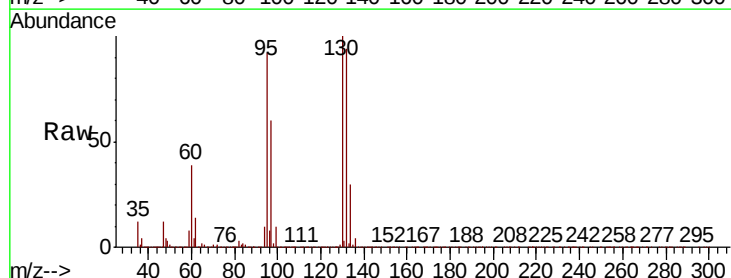
apatel
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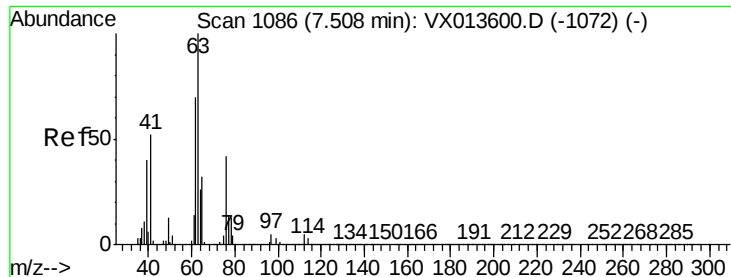


#44

Trichloroethene
 Concen: 52.610 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: VX013809.D
 Acq: 06 Dec 2019 18:59

Tgt Ion:	130	Resp:	358153
Ion Ratio		Lower	Upper
130	100		
95	91.6	0.0	190.8





#45

1,2-Dichloropropane

Concen: 50.764 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX013809.D

Acq: 06 Dec 2019 18:59

Instrument :

MSVOA_X

ClientSampleId :

RE134D1-20191202MSD

Tot Ion: 63 Resp: 315050

Ion Ratio Lower Upper

63 100

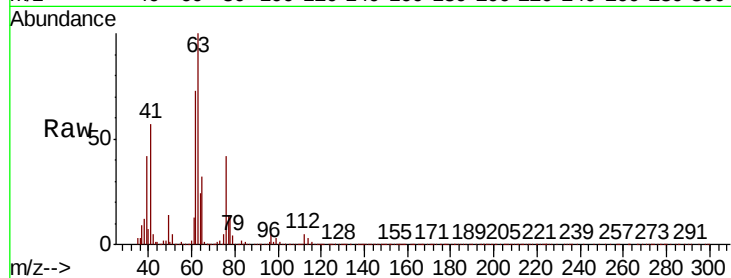
65 31.4 25.5 38.3

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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

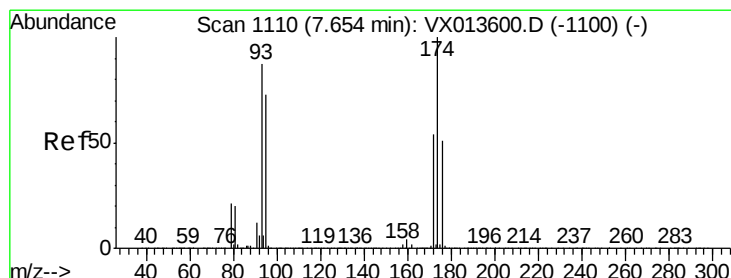
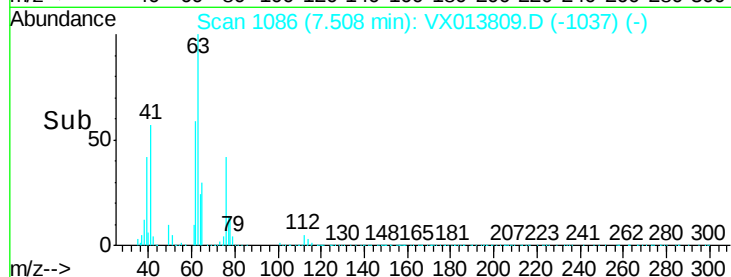
150000

100000

50000

0

Time--> 7.30 7.40 7.50 7.60 7.70



#46

Dibromomethane

Concen: 48.412 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX013809.D

Acq: 06 Dec 2019 18:59

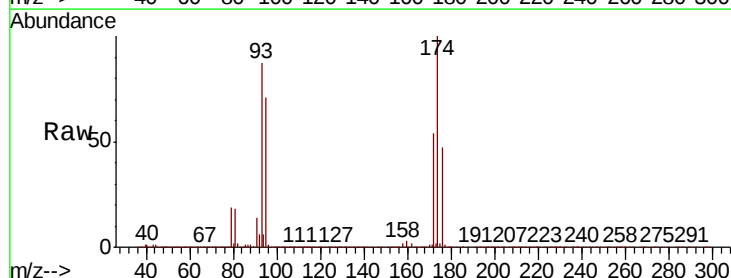
Tgt Ion: 93 Resp: 204061

Ion Ratio Lower Upper

93 100

95 82.6 66.2 99.2

174 117.3 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

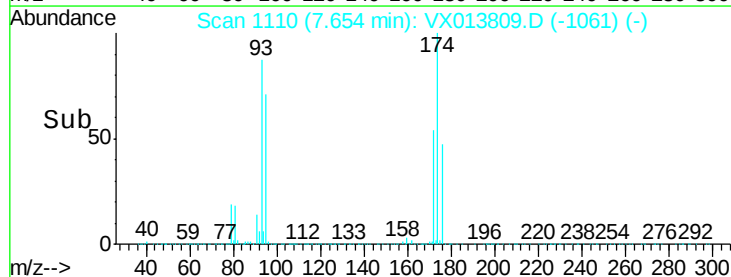
150000

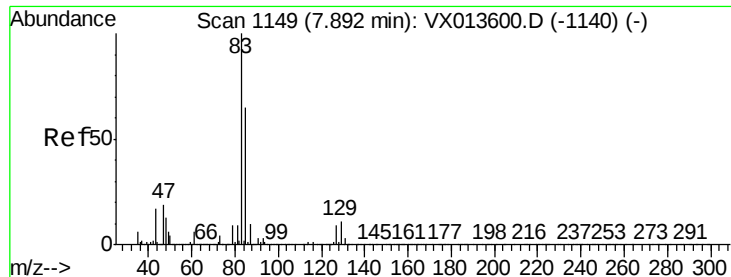
100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75





#47

Bromodichloromethane

Concen: 51.007 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013809.D

Acq: 06 Dec 2019 18:59

Instrument :

MSVOA_X

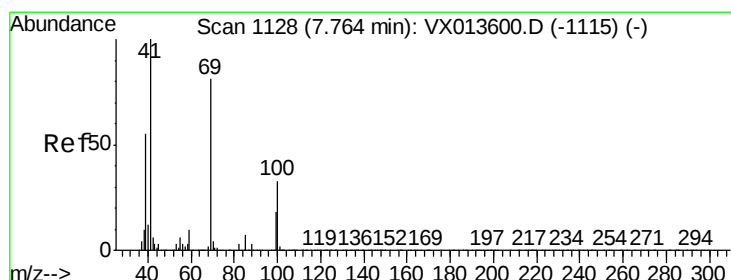
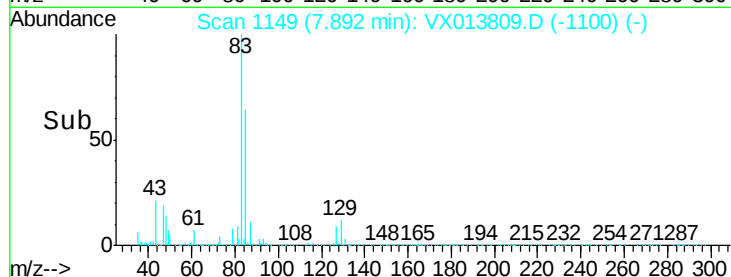
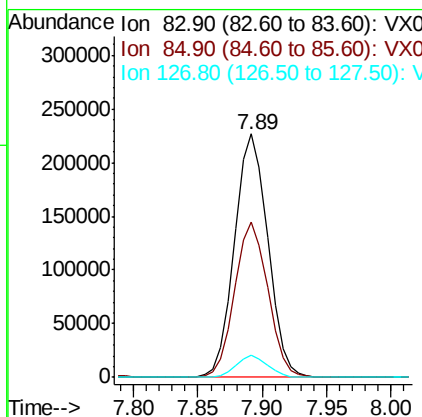
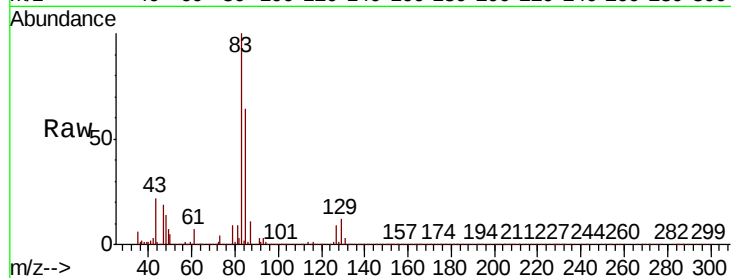
ClientSampleId :

RE134D1-20191202MSD

Tot Ion:	83	Resp:	406447
Ion Ratio	Lower	Upper	
83	100		
85	63.9	52.1	78.1
127	9.2	7.0	10.4

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#48

Methyl methacrylate

Concen: 52.151 ug/l

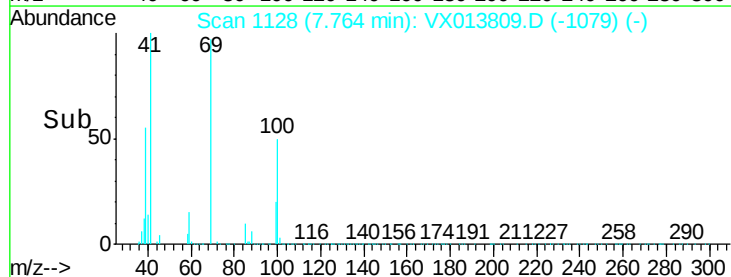
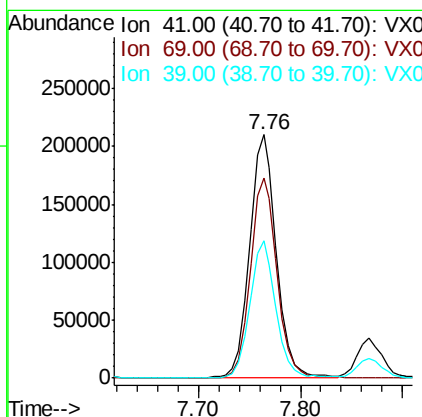
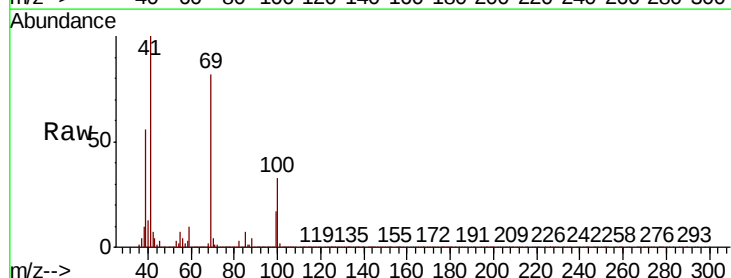
RT: 7.76 min Scan# 1128

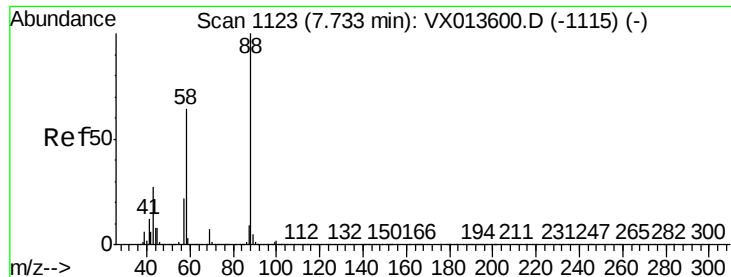
Delta R.T. -0.00 min

Lab File: VX013809.D

Acq: 06 Dec 2019 18:59

Tgt Ion:	41	Resp:	381147
Ion Ratio	Lower	Upper	
41	100		
69	82.7	64.7	97.1
39	54.6	43.8	65.6





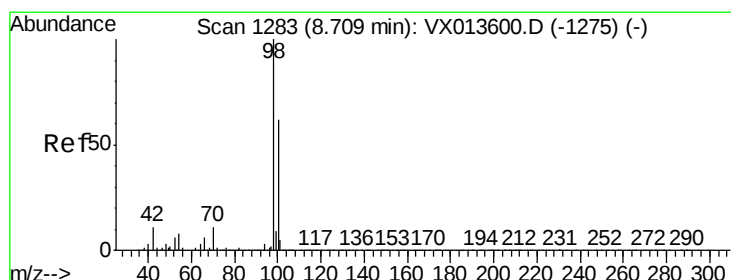
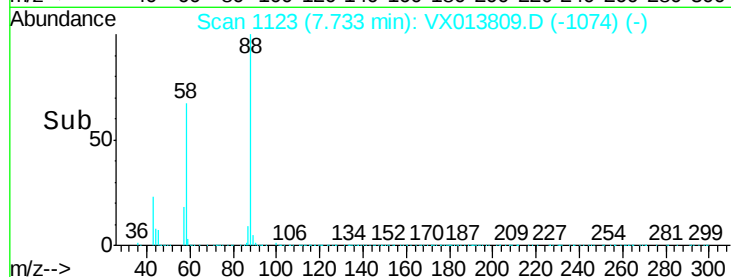
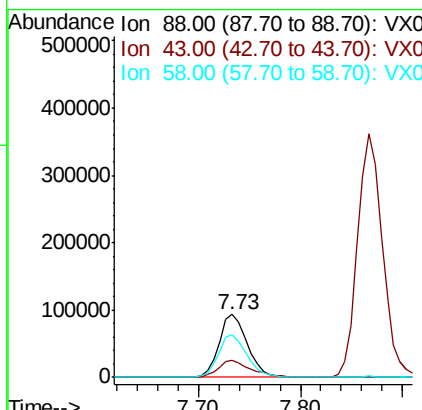
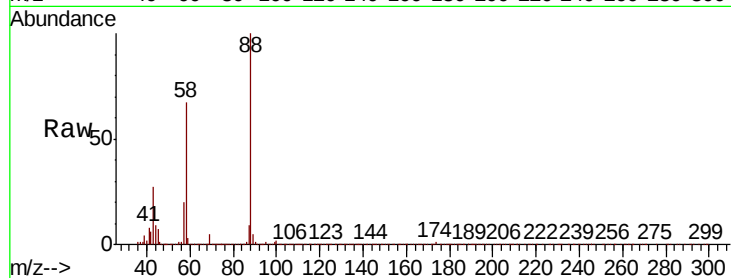
#49
1,4-Dioxane
Concen: 1092.283 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX013809.D
Acq: 06 Dec 2019 18:59

Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20191202MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.6	25.8	38.6
58	68.7	54.6	82.0

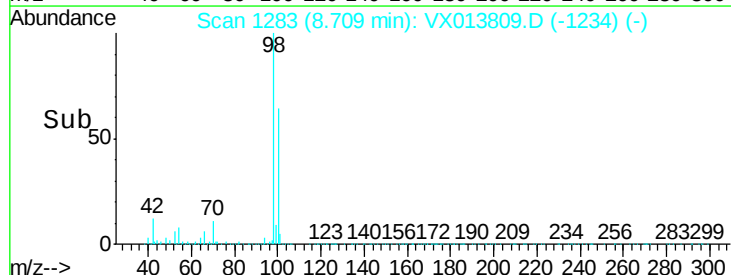
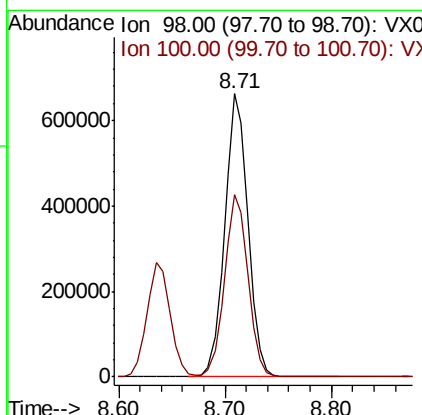
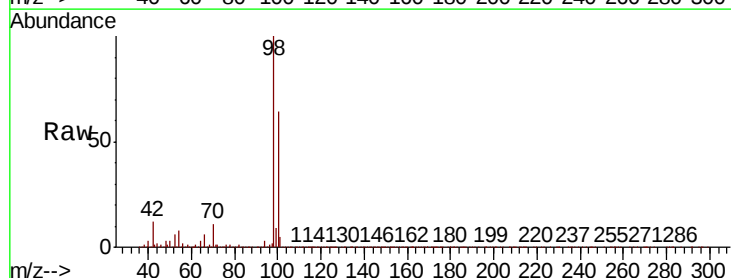
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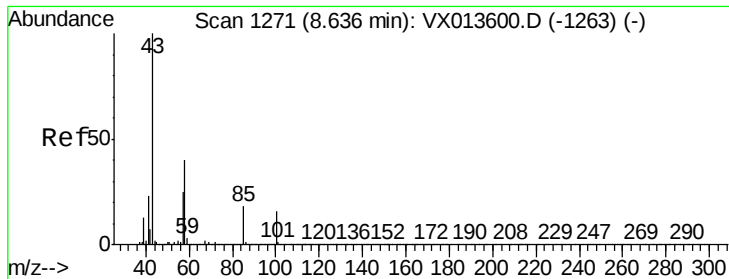
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#50
Toluene-d8
Concen: 46.599 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013809.D
Acq: 06 Dec 2019 18:59

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	53.1	79.7





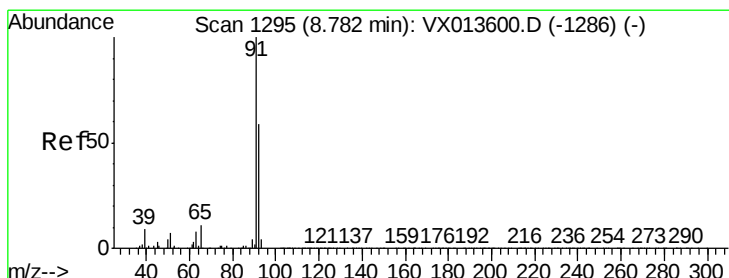
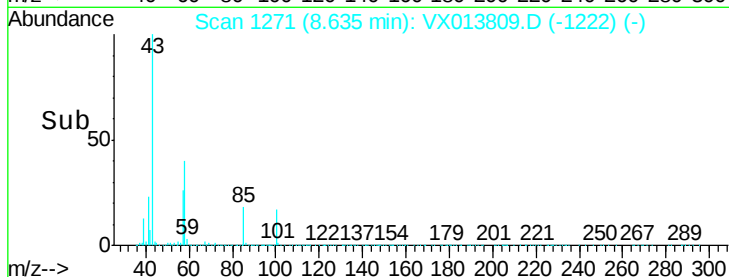
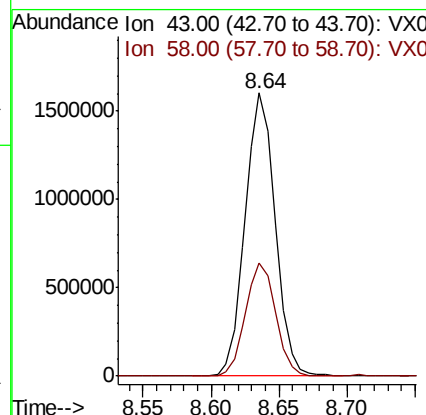
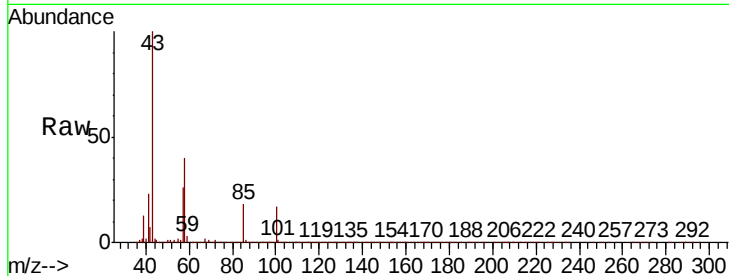
#51
4-Methyl-2-Pentanone
Concen: 262.105 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX013809.D
Acq: 06 Dec 2019 18:59

Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20191202MSD

Tot Ion: 43 Resp: 2479972
Ion Ratio Lower Upper
43 100
58 40.2 32.1 48.1

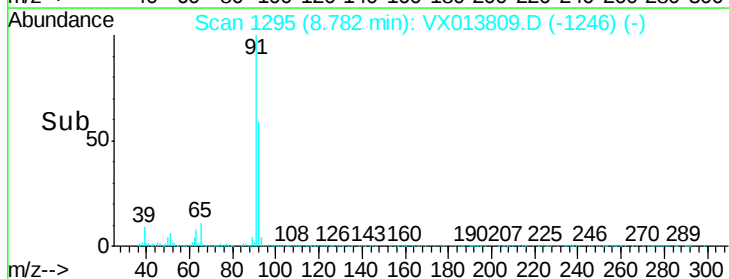
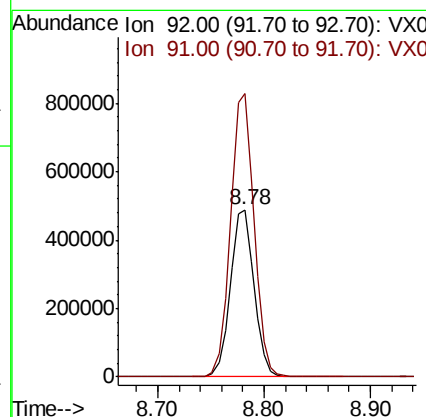
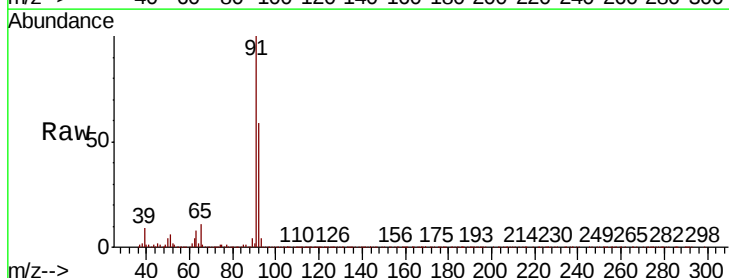
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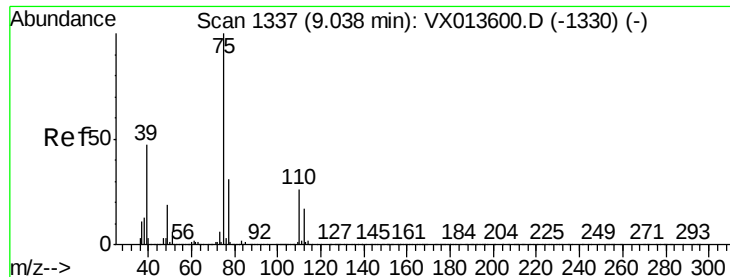
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#52
Toluene
Concen: 49.270 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VX013809.D
Acq: 06 Dec 2019 18:59

Tgt Ion: 92 Resp: 759246
Ion Ratio Lower Upper
92 100
91 169.0 136.2 204.2





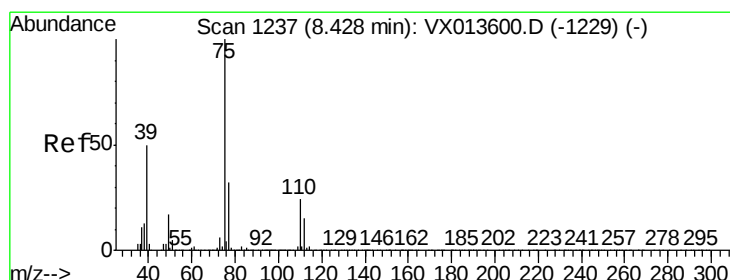
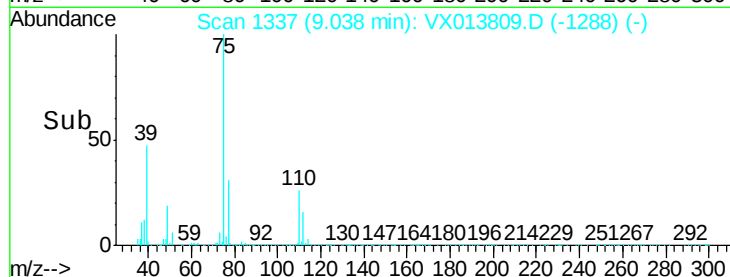
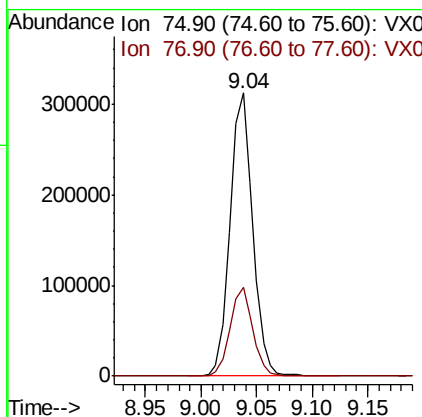
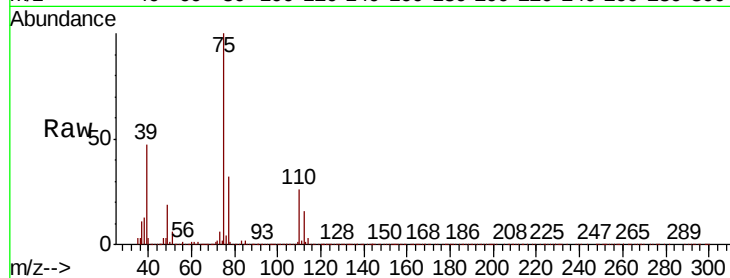
#53
t-1,3-Dichloropropene
Concen: 48.219 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX013809.D
Acq: 06 Dec 2019 18:59

Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20191202MSD

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.5	24.4	36.6

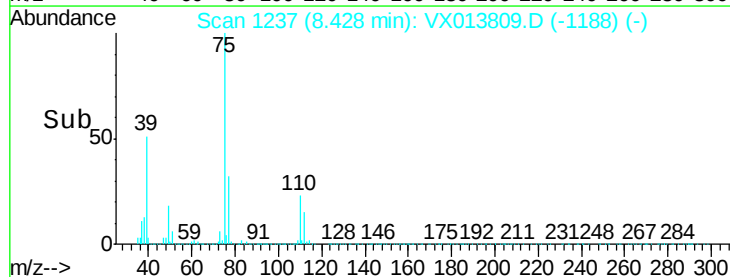
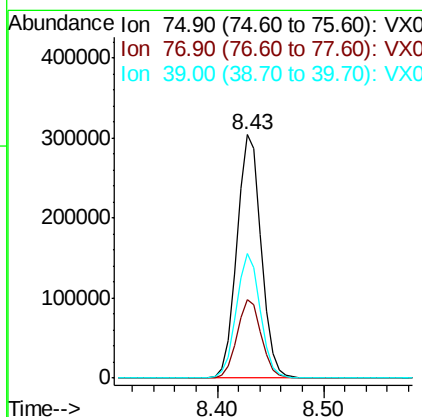
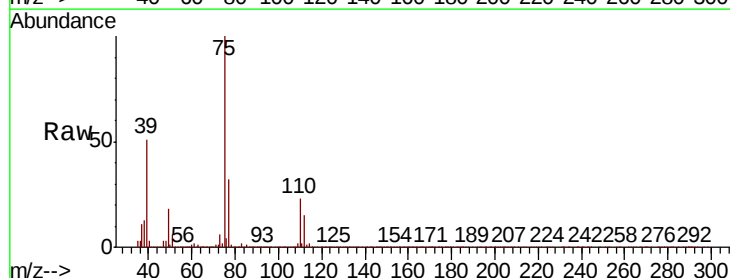
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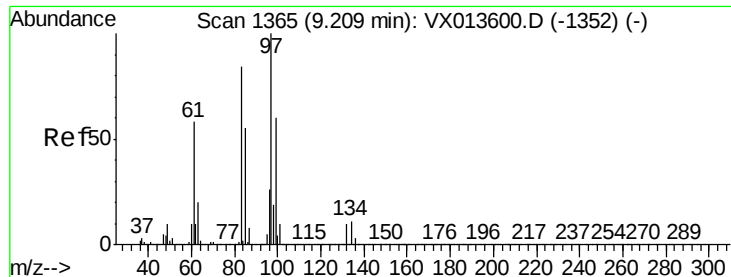
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#54
cis-1,3-Dichloropropene
Concen: 49.236 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013809.D
Acq: 06 Dec 2019 18:59

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.4	25.8	38.6
39	50.9	39.9	59.9





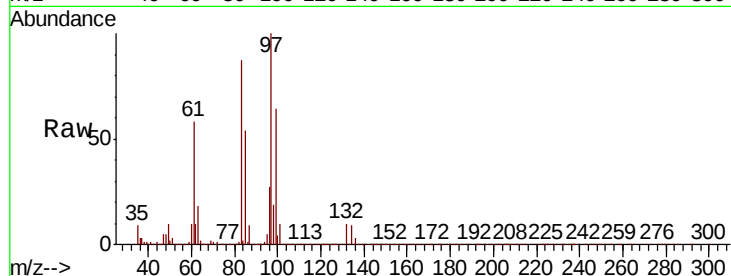
#55
 1,1,2-Trichloroethane
 Concen: 50.676 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013809.D
 Acq: 06 Dec 2019 18:59

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D1-20191202MSD

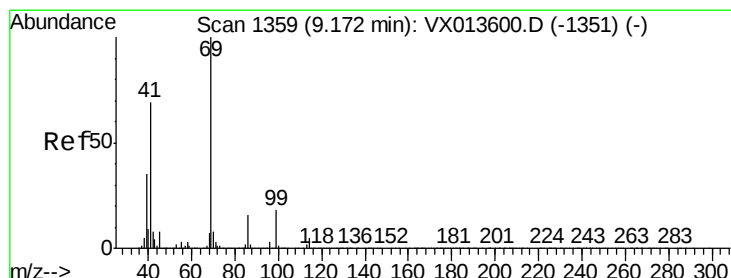
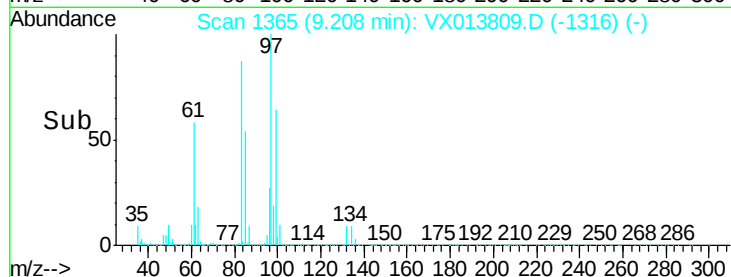
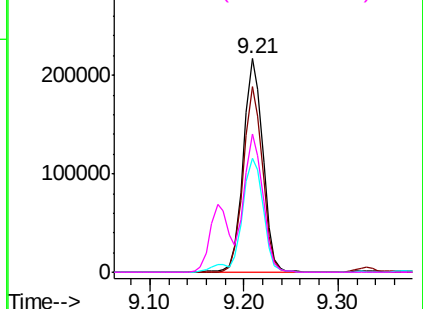
Tot Ion:	97	Resp:	314694
Ion	Ratio	Lower	Upper
97	100		
83	86.7	67.3	100.9
85	53.6	43.6	65.4
99	64.3	48.2	72.4

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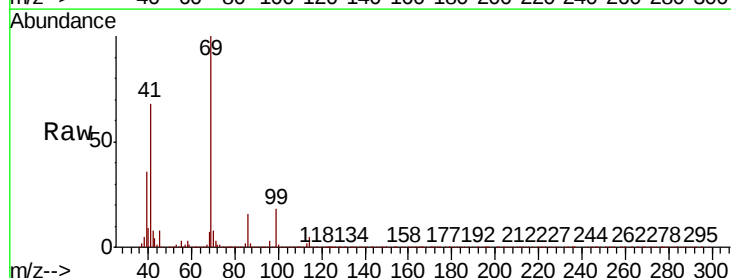


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

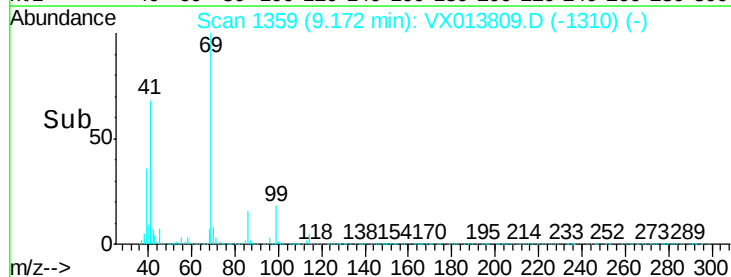
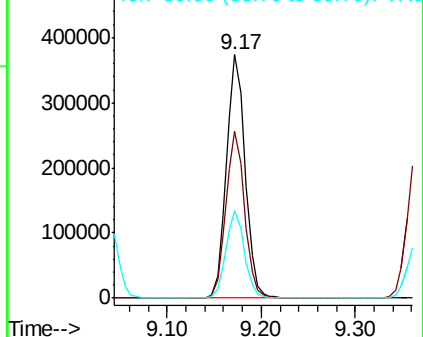


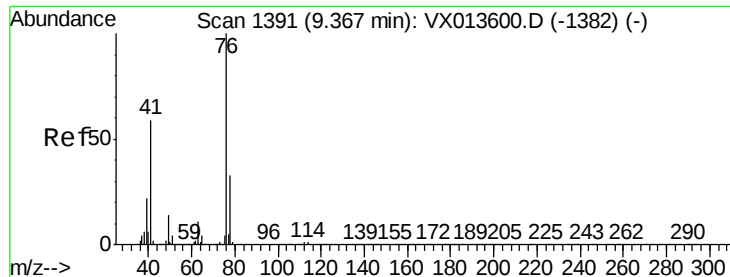
#56
 Ethyl methacrylate
 Concen: 51.672 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX013809.D
 Acq: 06 Dec 2019 18:59

Tgt Ion:	69	Resp:	515885
Ion	Ratio	Lower	Upper
69	100		
41	67.7	55.0	82.4
39	35.1	28.7	43.1



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 49.363 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013809.D

Acq: 06 Dec 2019 18:59

Instrument :

MSVOA_X

ClientSampleId :

RE134D1-20191202MSD

Tot Ion: 76 Resp: 528371

Ion Ratio Lower Upper

76 100

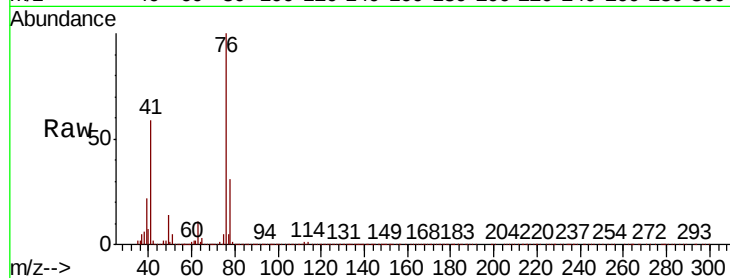
78 31.8 26.0 39.0

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

400000

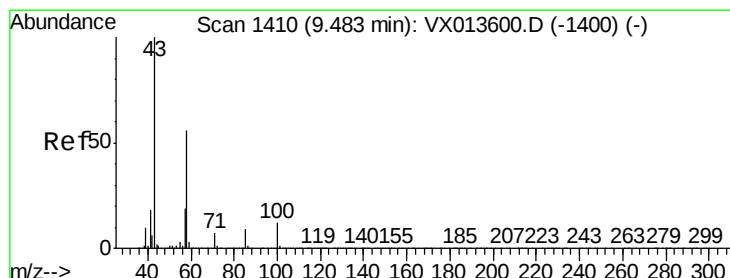
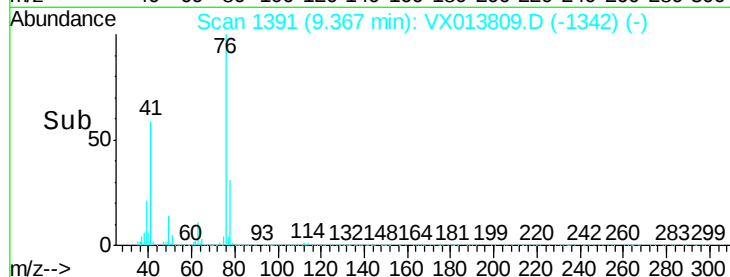
300000

200000

100000

0

Time-->



#59

2-Hexanone

Concen: 263.207 ug/l

RT: 9.49 min Scan# 1411

Delta R.T. 0.01 min

Lab File: VX013809.D

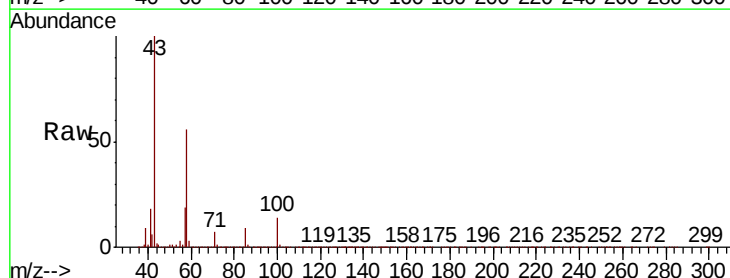
Acq: 06 Dec 2019 18:59

Tgt Ion: 43 Resp: 1942324

Ion Ratio Lower Upper

43 100

58 55.4 28.1 84.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.49

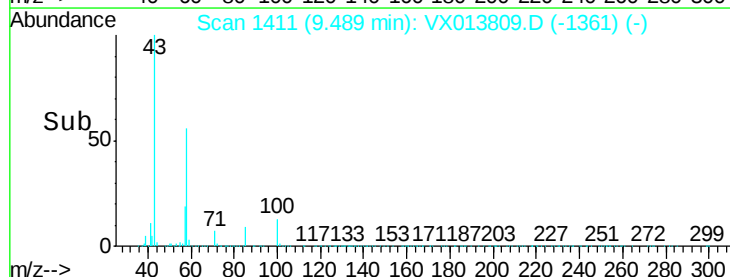
1500000

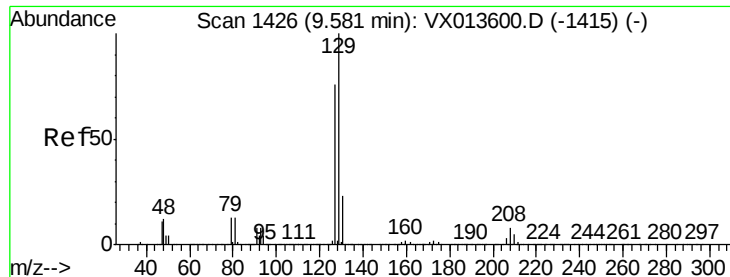
1000000

500000

0

Time-->





#60

Dibromochloromethane

Concen: 51.403 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. -0.00 min

Lab File: VX013809.D

Acq: 06 Dec 2019 18:59

Instrument :

MSVOA_X

ClientSampleId :

RE134D1-20191202MSD

Tot Ion:129 Resp: 331273

Ion Ratio Lower Upper

129 100

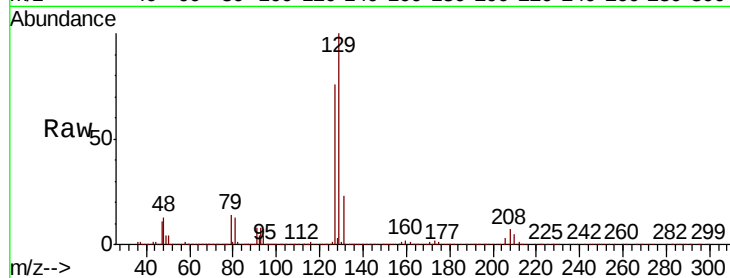
127 76.4 38.5 115.5

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.58

250000

200000

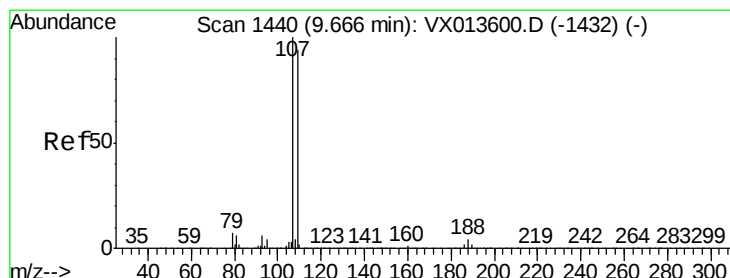
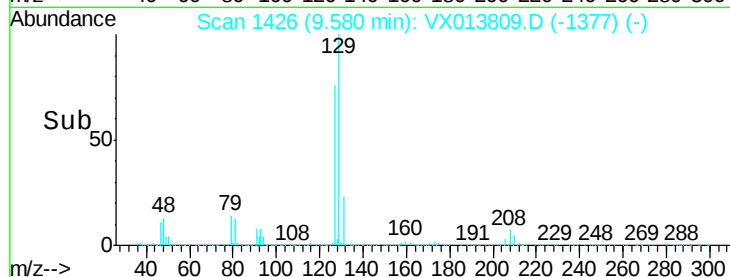
150000

100000

50000

0

Time-->



#61

1,2-Dibromoethane

Concen: 49.312 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013809.D

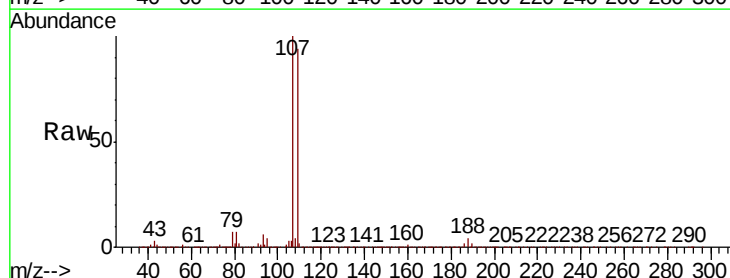
Acq: 06 Dec 2019 18:59

Tgt Ion:107 Resp: 327057

Ion Ratio Lower Upper

107 100

109 94.1 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

250000

200000

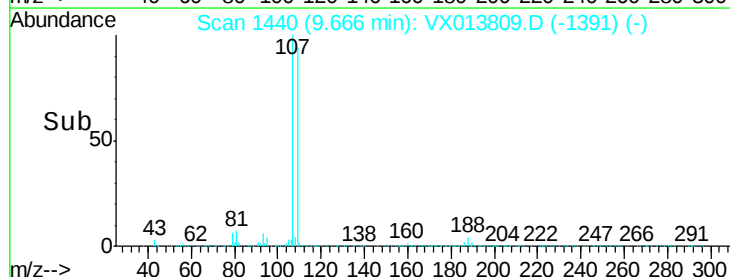
150000

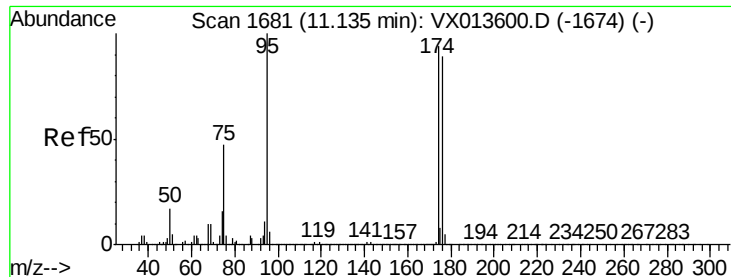
100000

50000

0

Time-->





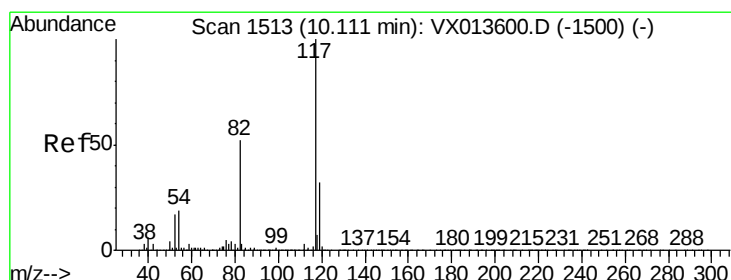
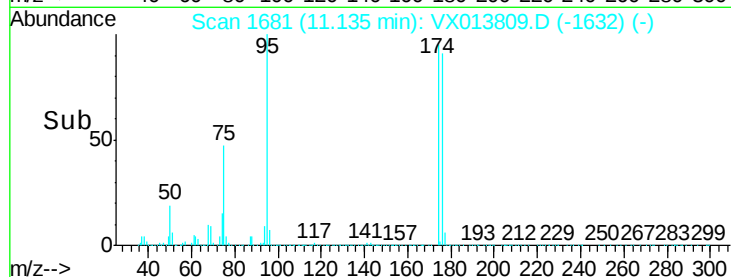
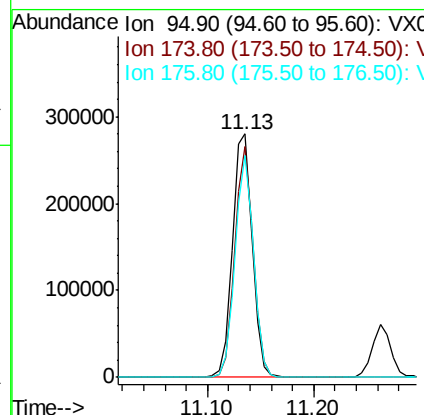
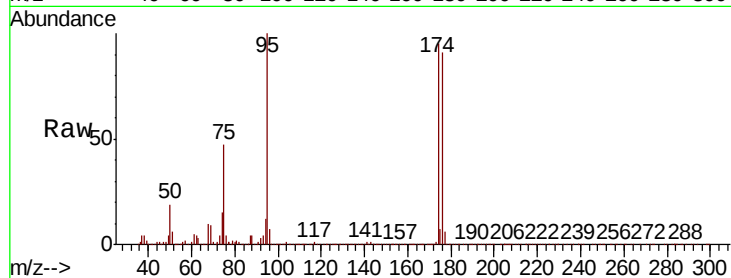
#62
4-Bromofluorobenzene
Concen: 46.883 ug/l
RT: 11.13 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX013809.D
Acq: 06 Dec 2019 18:59

Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20191202MSD

Tot Ion	Ratio	Resp	Lower	Upper
95	100	365344		
174	89.2	0.0	180.0	
176	85.5	0.0	173.6	

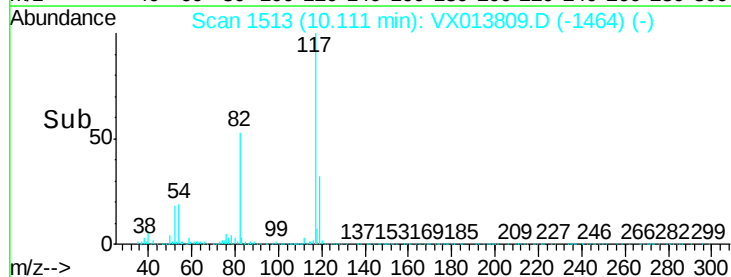
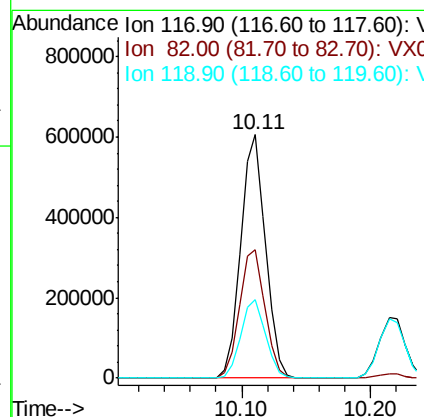
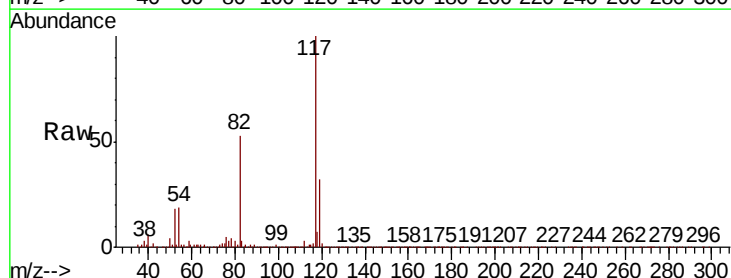
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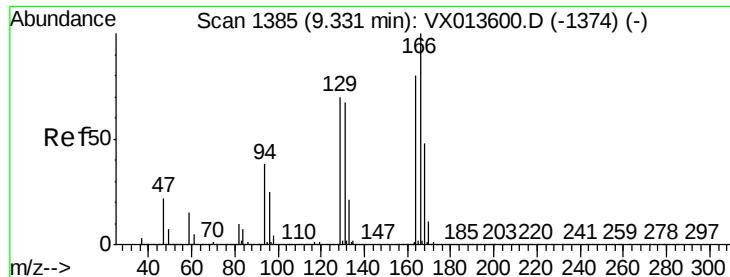
apatel
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013809.D
Acq: 06 Dec 2019 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	807183		
82	52.8	41.8	62.8	
119	32.4	25.8	38.8	





#64

Tetrachloroethene

Concen: 45.832 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX013809.D

Acq: 06 Dec 2019 18:59

Instrument :

MSVOA_X

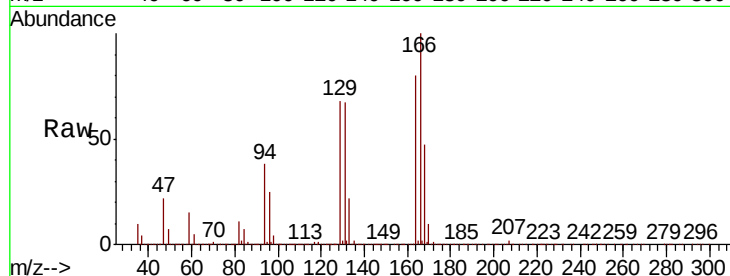
ClientSampleId :

RE134D1-20191202MSD

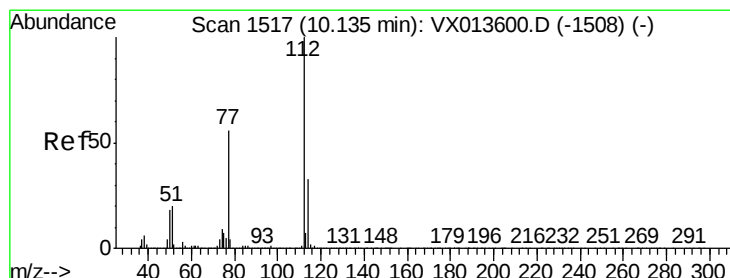
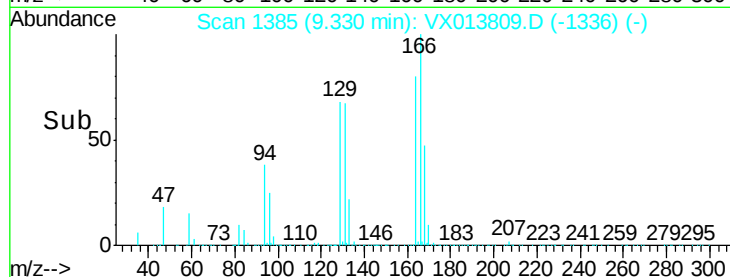
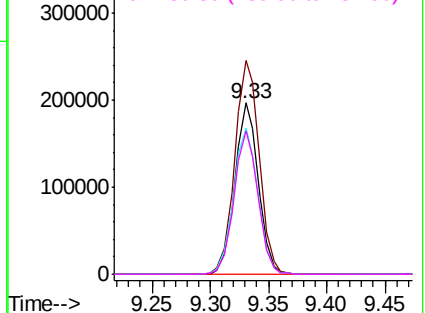
Tot Ion	Ratio	Resp	Lower	Upper
164	100			
166	124.7	99.7	149.5	
129	85.1	70.1	105.1	
131	83.8	66.9	100.3	

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Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 48.790 ug/l

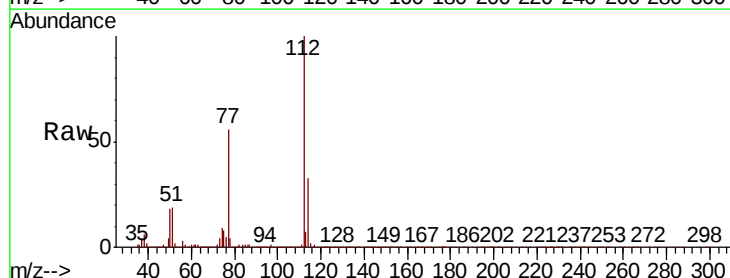
RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

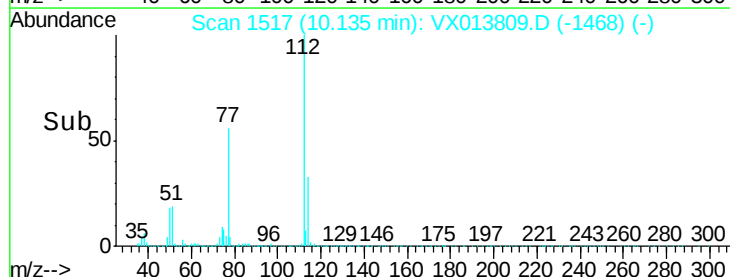
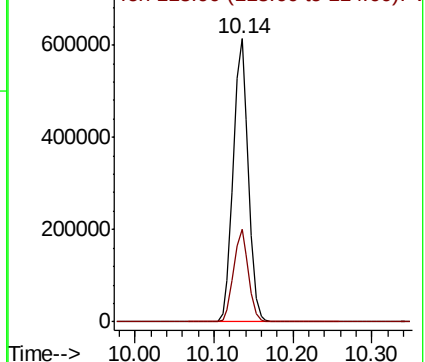
Lab File: VX013809.D

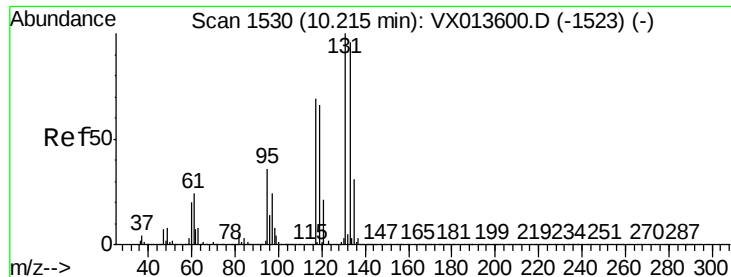
Acq: 06 Dec 2019 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
112	100			
114	32.6	26.1	39.1	



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





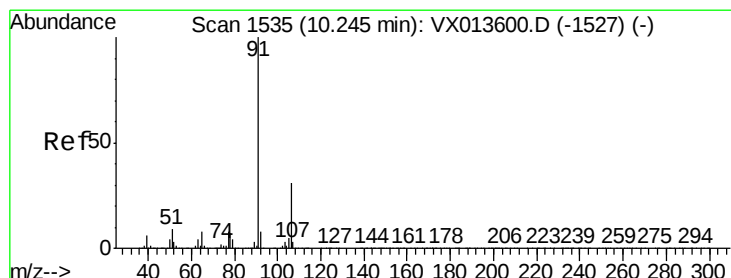
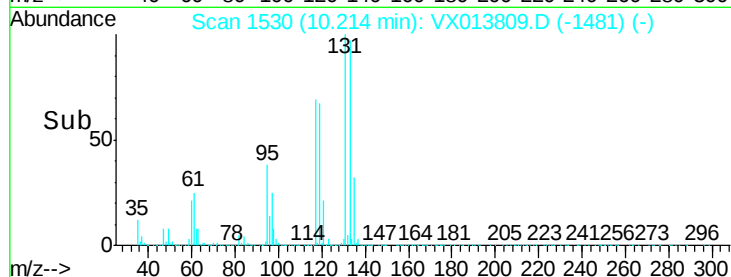
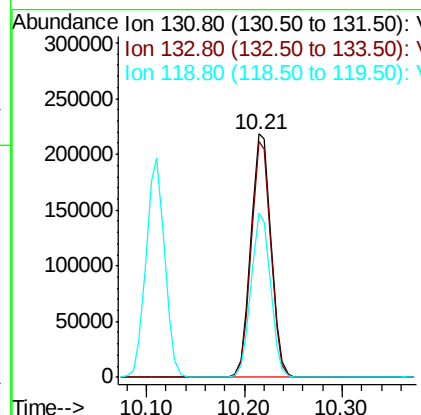
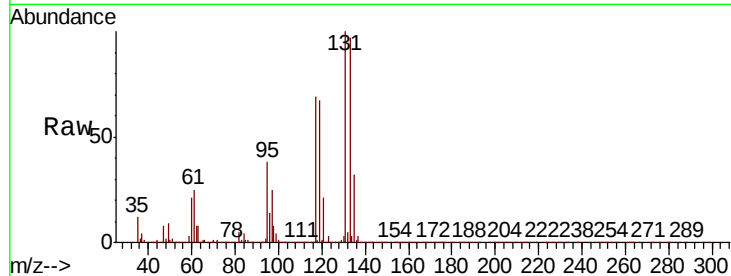
#66
 1,1,1,2-Tetrachloroethane
 Concen: 51.839 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VX013809.D
 Acq: 06 Dec 2019 18:59

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D1-20191202MSD

Tot Ion	Ratio	Lower	Upper
131	100		
133	94.8	47.7	143.1
119	65.6	32.9	98.6

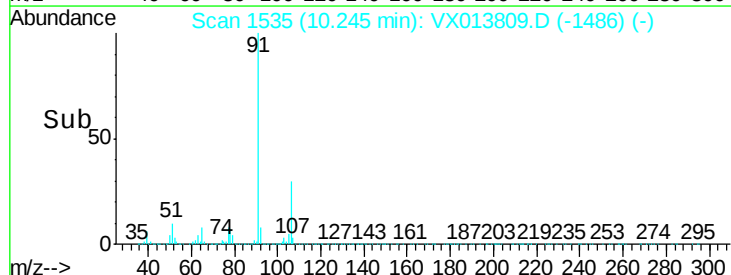
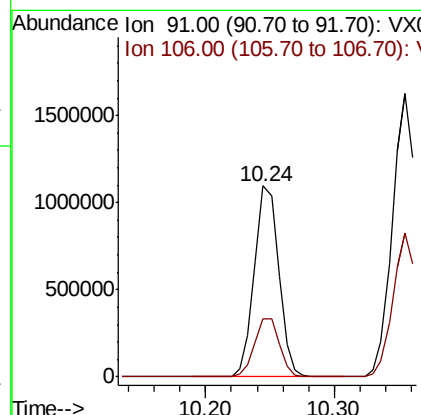
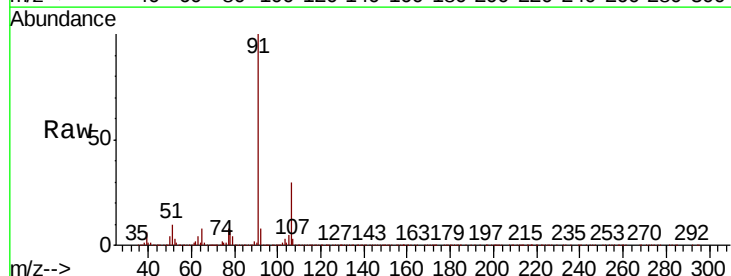
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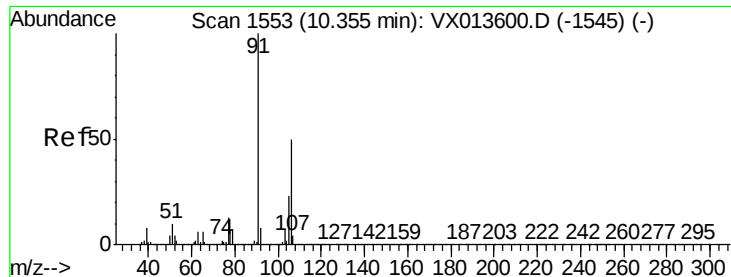
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#67
 Ethyl Benzene
 Concen: 49.730 ug/l
 RT: 10.24 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VX013809.D
 Acq: 06 Dec 2019 18:59

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.2	24.5	36.7





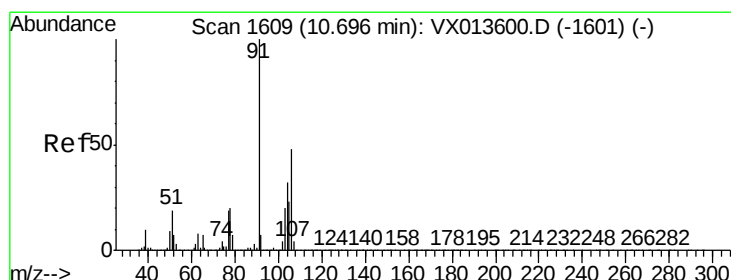
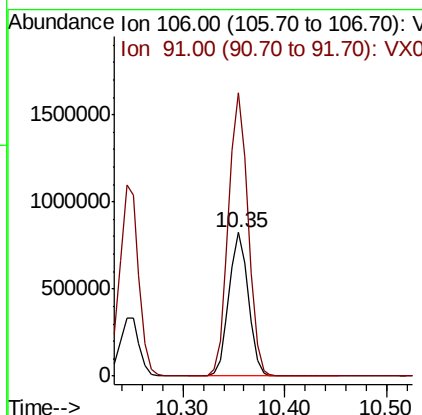
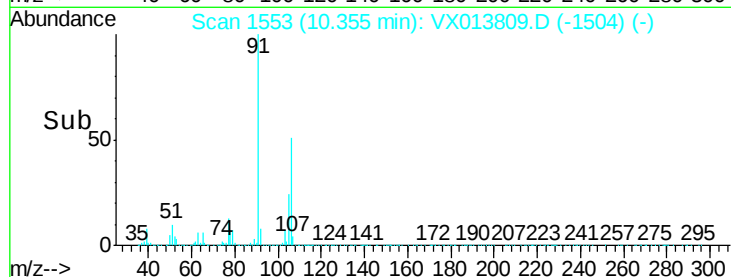
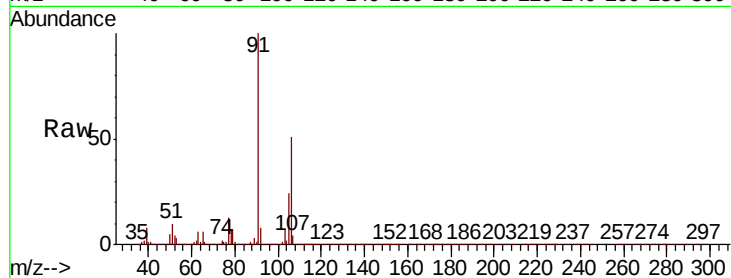
#68
m/p-Xylenes
Concen: 98.271 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013809.D
Acq: 06 Dec 2019 18:59

Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20191202MSD

Tot Ion:106 Resp: 1083487
Ion Ratio Lower Upper
106 100
91 198.5 159.0 238.4

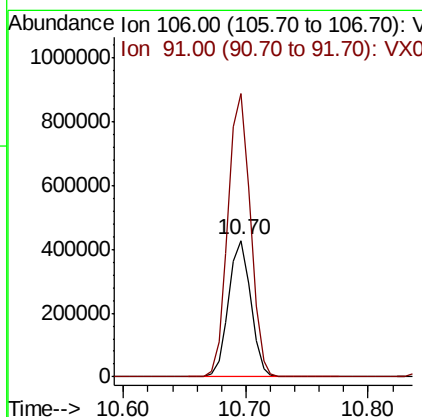
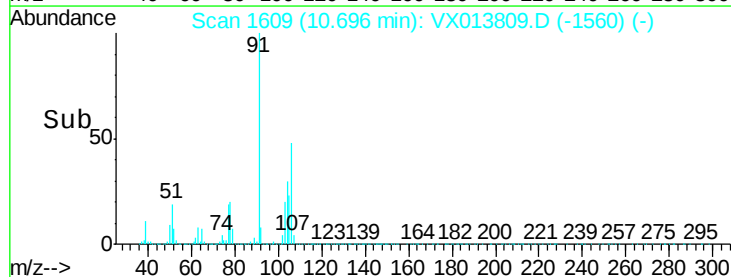
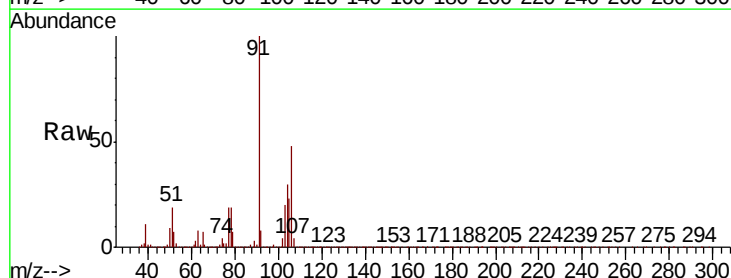
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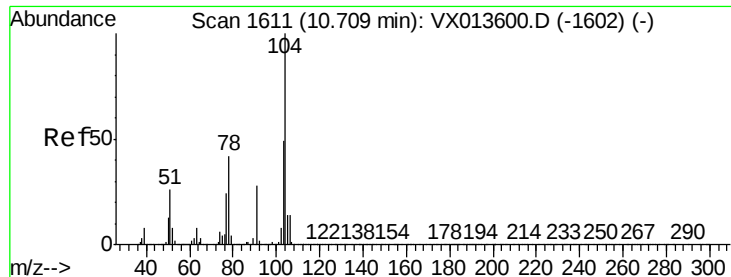
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#69
o-Xylene
Concen: 49.800 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013809.D
Acq: 06 Dec 2019 18:59

Tgt Ion:106 Resp: 535508
Ion Ratio Lower Upper
106 100
91 209.8 104.1 312.2





#70

Stvrene

Concen: 50.751 ug/l

RT: 10.71 min Scan# 1611

Delta R.T. -0.00 min

Lab File: VX013809.D

Acq: 06 Dec 2019 18:59

Instrument :

MSVOA_X

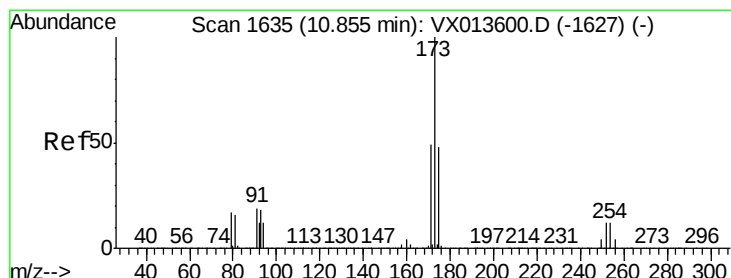
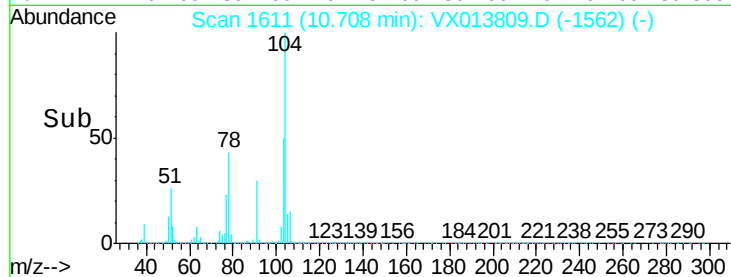
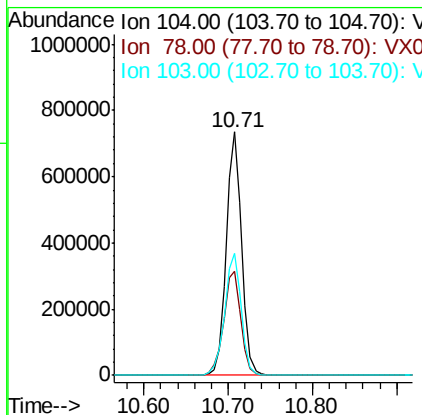
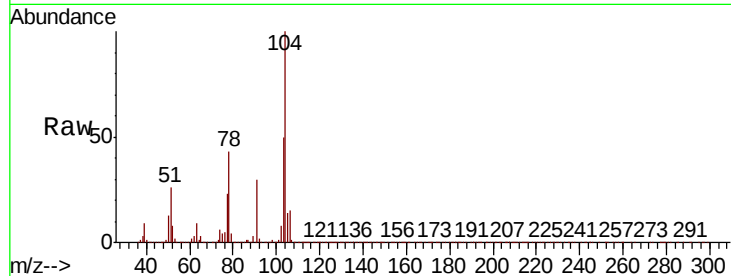
ClientSampleId :

RE134D1-20191202MSD

Tot Ion:	104	Resp:	918020
Ion Ratio		Lower	Upper
104	100		
78	48.4	38.5	57.7
103	54.5	43.7	65.5

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#71

Bromoform

Concen: 52.183 ug/l

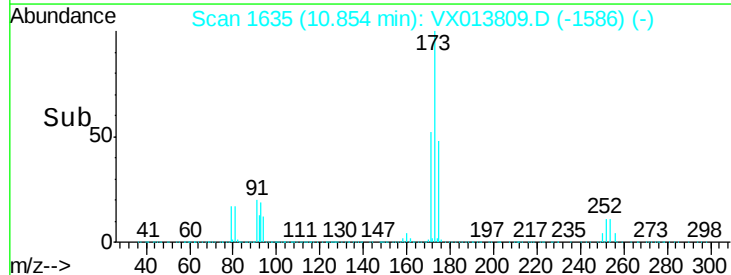
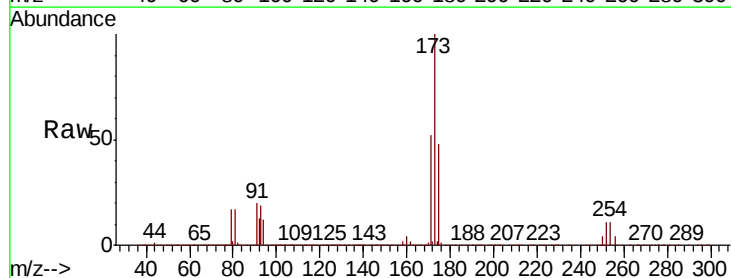
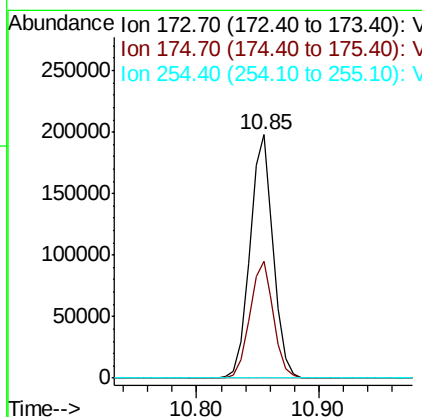
RT: 10.85 min Scan# 1635

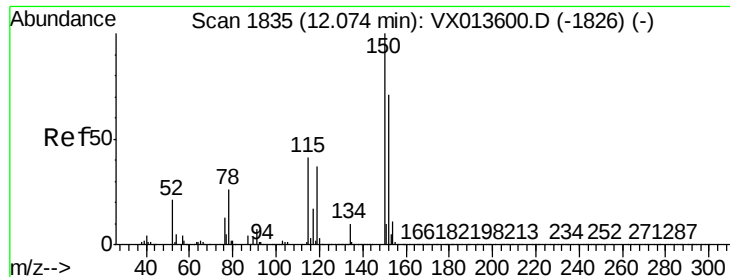
Delta R.T. -0.00 min

Lab File: VX013809.D

Acq: 06 Dec 2019 18:59

Tgt Ion:	173	Resp:	259839
Ion Ratio		Lower	Upper
173	100		
175	48.7	24.3	72.8
254	0.1	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: VX013809.D

Acq: 06 Dec 2019 18:59

Instrument :

MSVOA_X

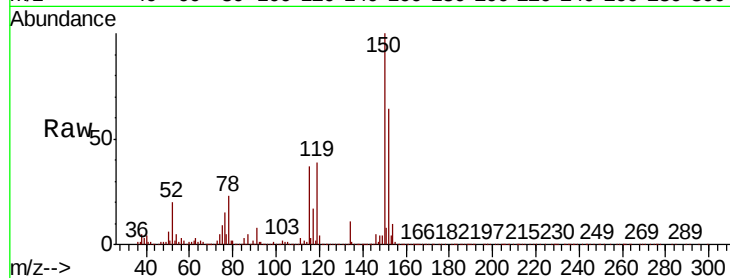
ClientSampleId :

RE134D1-20191202MSD

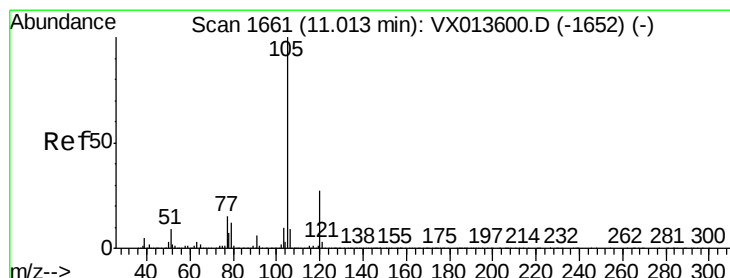
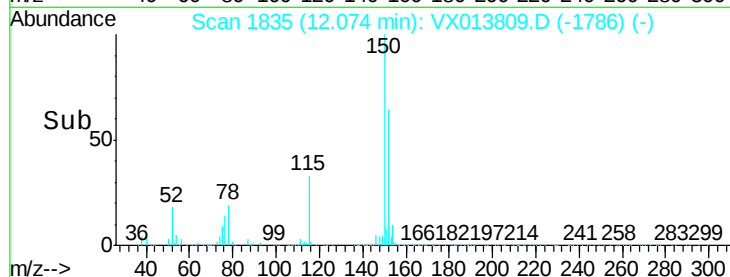
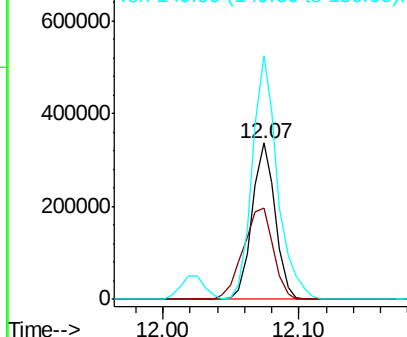
Tot Ion:	152	Resp:	402525
Ion Ratio	Lower	Upper	
152	100		
115	75.3	38.4	115.1
150	169.5	0.0	346.8

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



#73

Isopropylbenzene

Concen: 49.290 ug/l

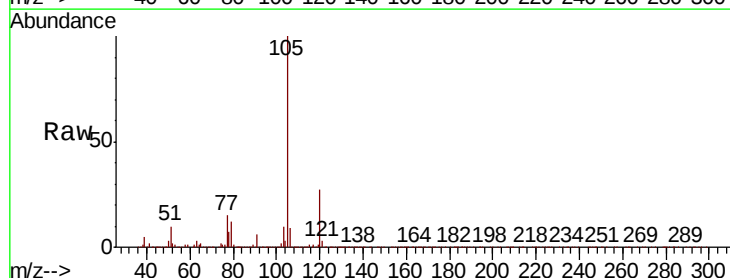
RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

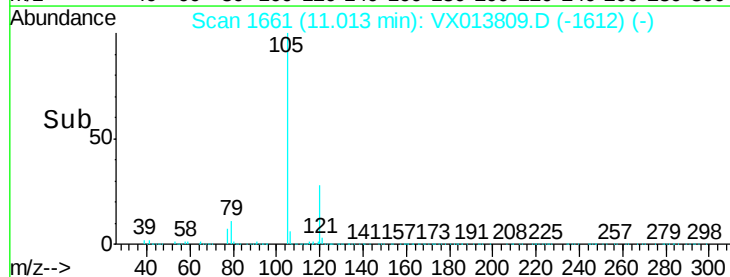
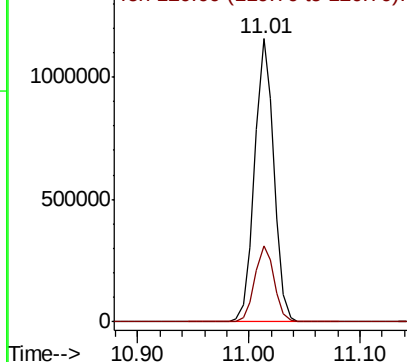
Lab File: VX013809.D

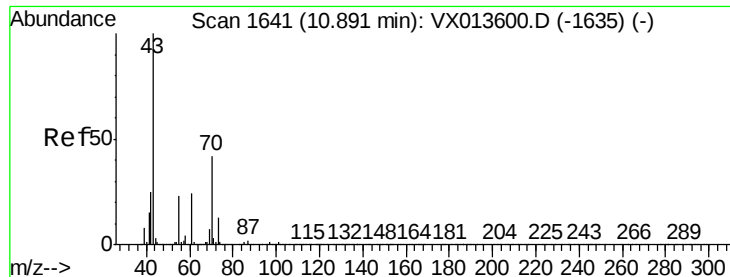
Acq: 06 Dec 2019 18:59

Tgt Ion:	105	Resp:	1391732
Ion Ratio	Lower	Upper	
105	100		
120	27.1	13.5	40.5



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 50.145 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013809.D

Acq: 06 Dec 2019 18:59

Instrument :

MSVOA_X

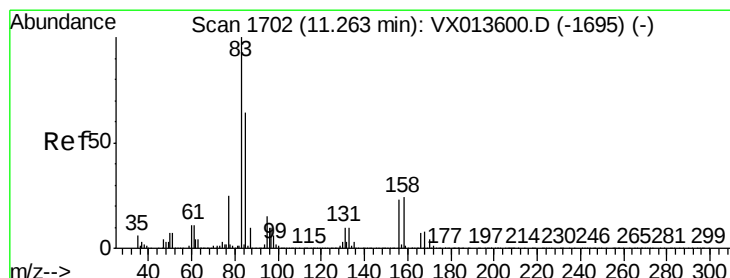
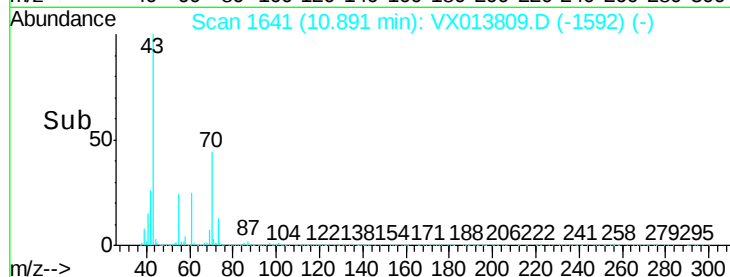
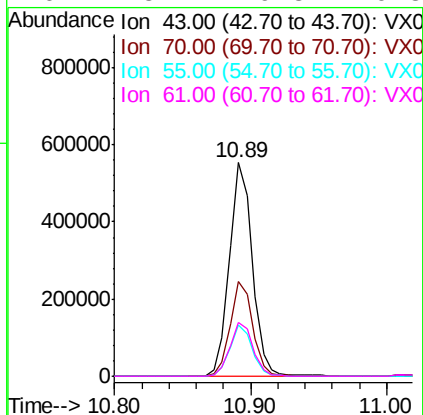
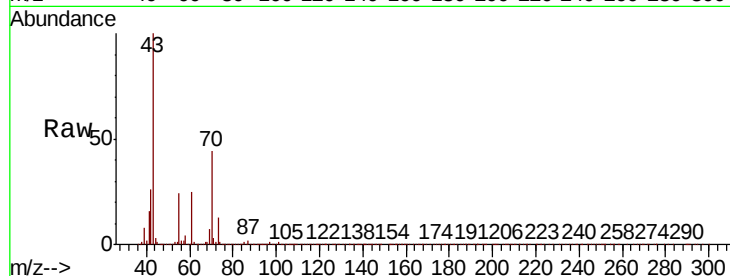
ClientSampleId :

RE134D1-20191202MSD

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
70	43.9	34.3	51.5	
55	24.1	18.5	27.7	
61	25.2	19.8	29.8	

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#75

1,1,2,2-Tetrachloroethane

Concen: 52.262 ug/l

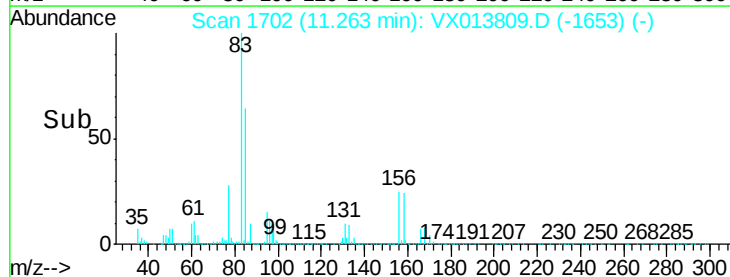
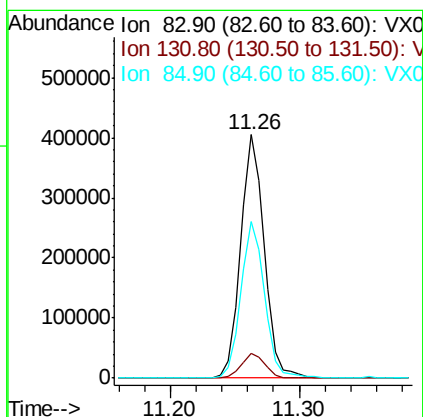
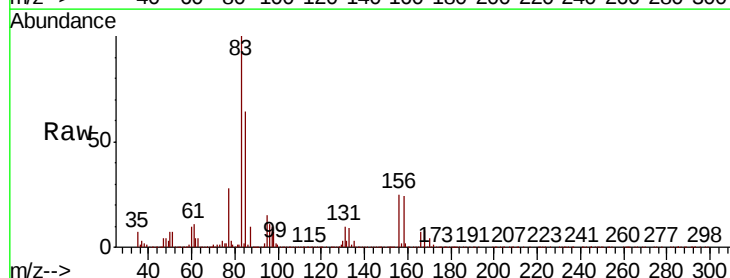
RT: 11.26 min Scan# 1702

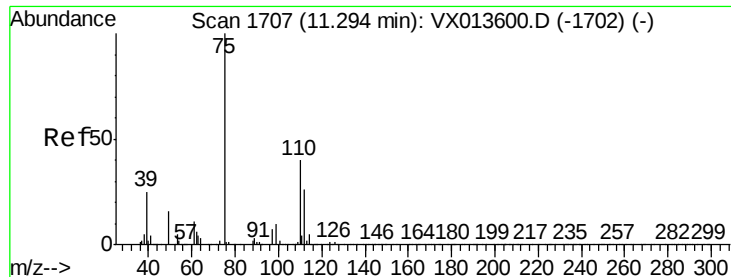
Delta R.T. -0.00 min

Lab File: VX013809.D

Acq: 06 Dec 2019 18:59

Tgt Ion	Ion	Ratio	Lower	Upper
83	100			
131	10.0	5.1	15.3	
85	64.5	31.8	95.3	





#76

1,2,3-Trichloropropane

Concen: 51.348 ug/l m

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX013809.D

Acq: 06 Dec 2019 18:59

Instrument :

MSVOA_X

ClientSampleId :

RE134D1-20191202MSD

Tot Ion: 75 Resp: 464877

Ion Ratio Lower Upper

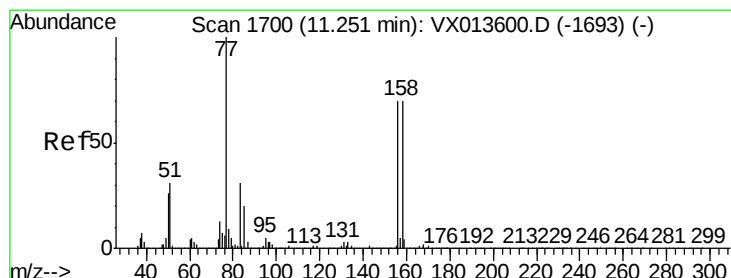
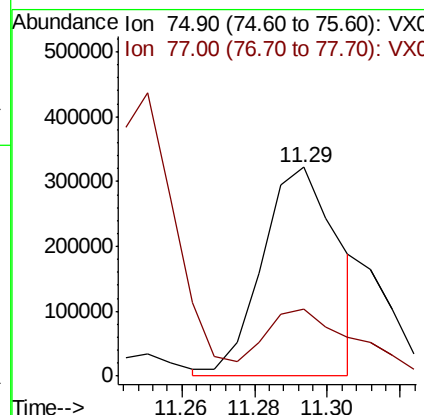
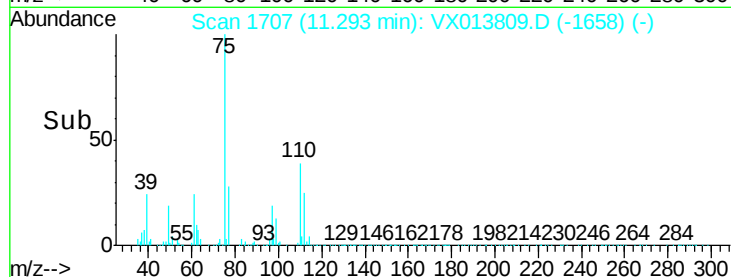
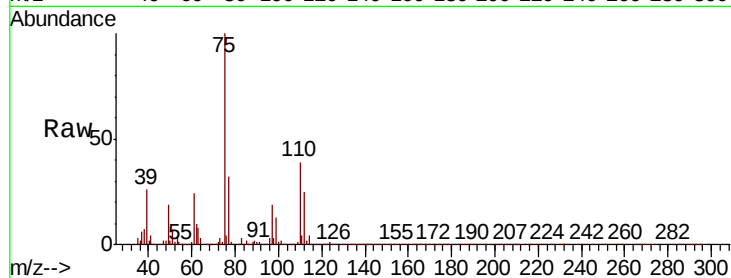
75 100

77 38.3 19.1 57.5

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#77

Bromobenzene

Concen: 48.747 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013809.D

Acq: 06 Dec 2019 18:59

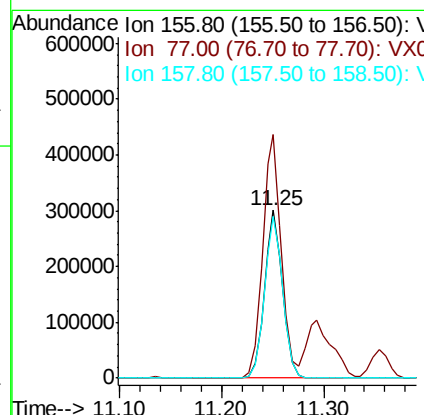
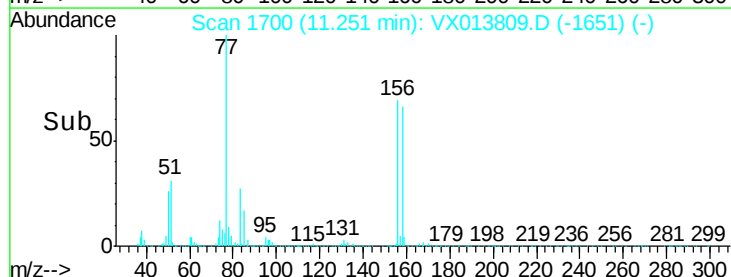
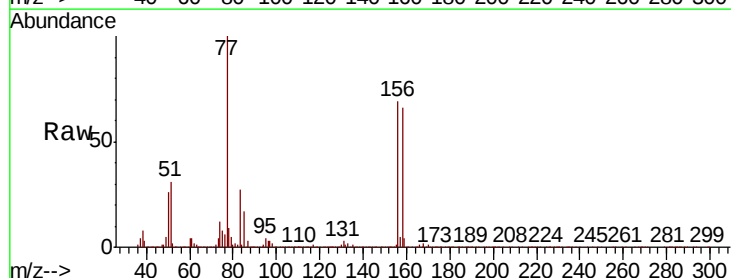
Tgt Ion: 156 Resp: 371836

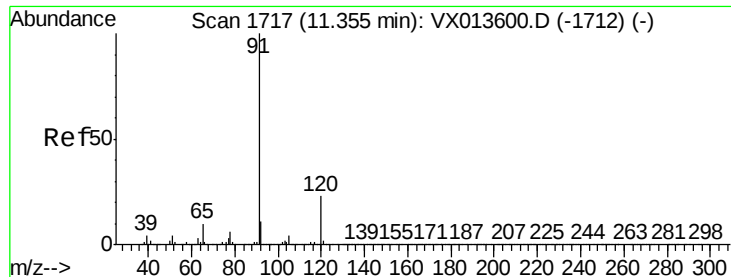
Ion Ratio Lower Upper

156 100

77 149.9 74.4 223.1

158 97.8 48.9 146.6





#78

n-propylbenzene

Concen: 48.983 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013809.D

Acq: 06 Dec 2019 18:59

Instrument :

MSVOA_X

ClientSampleId :

RE134D1-20191202MSD

Tot Ion: 91 Resp: 1543944

Ion Ratio Lower Upper

91 100

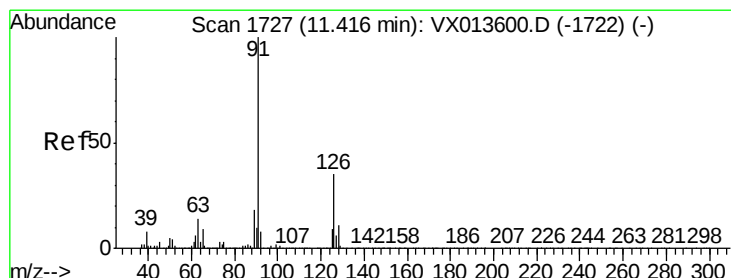
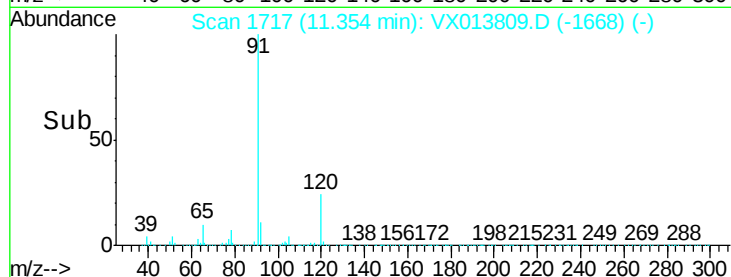
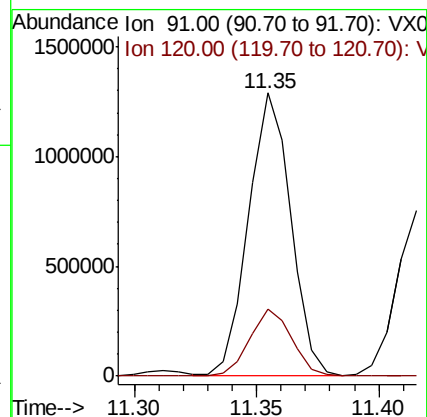
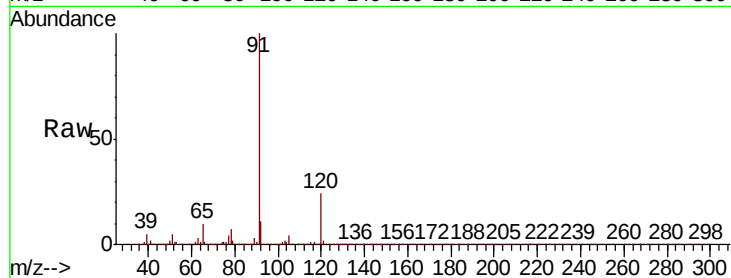
120 23.7 11.8 35.3

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#79

2-Chlorotoluene

Concen: 49.370 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013809.D

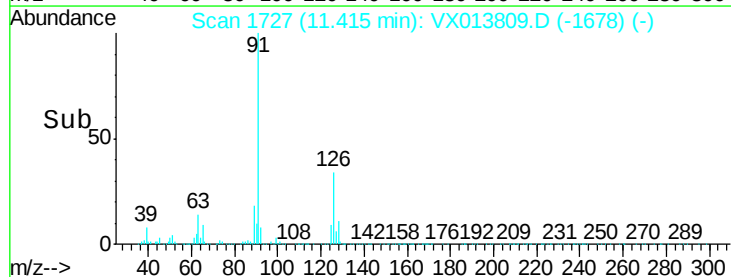
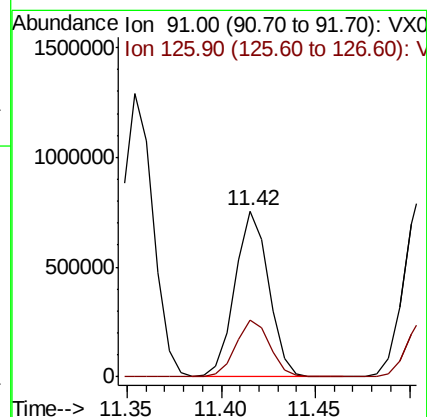
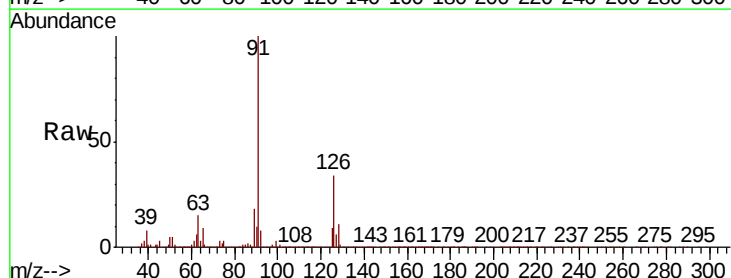
Acq: 06 Dec 2019 18:59

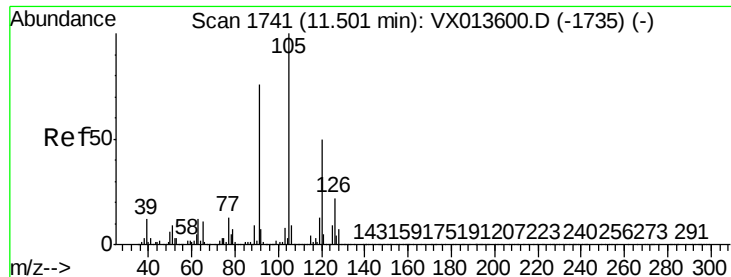
Tgt Ion: 91 Resp: 933476

Ion Ratio Lower Upper

91 100

126 34.7 17.5 52.5





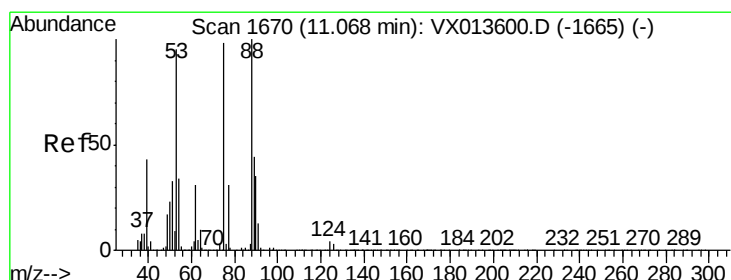
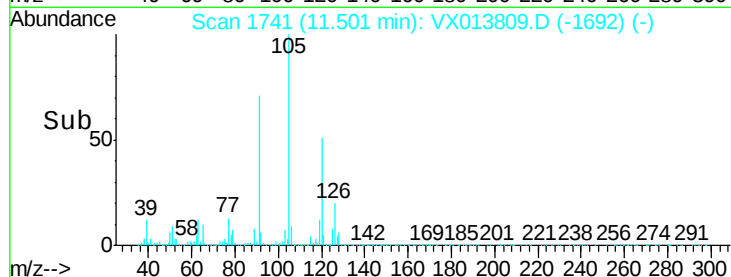
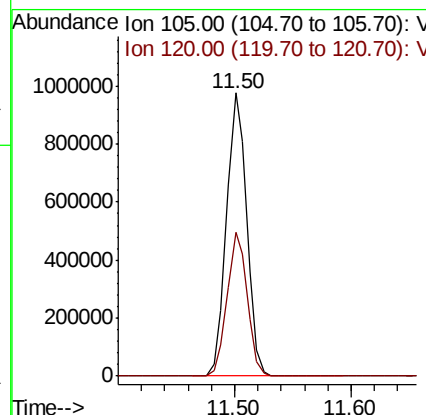
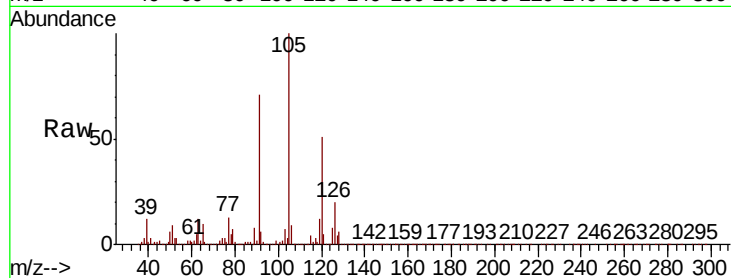
#80
 1,3,5-Trimethylbenzene
 Concen: 50.359 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX013809.D
 Acq: 06 Dec 2019 18:59

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D1-20191202MSD

Tot Ion:105 Resp: 1165383
 Ion Ratio Lower Upper
 105 100
 120 50.6 25.3 75.9

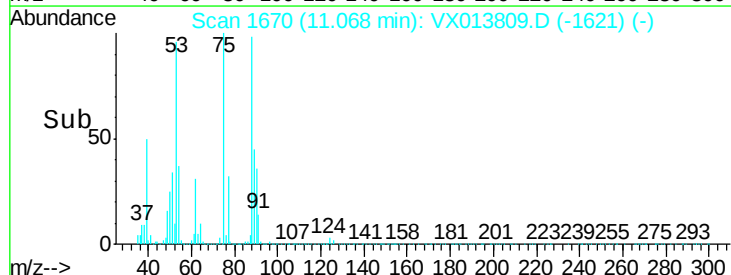
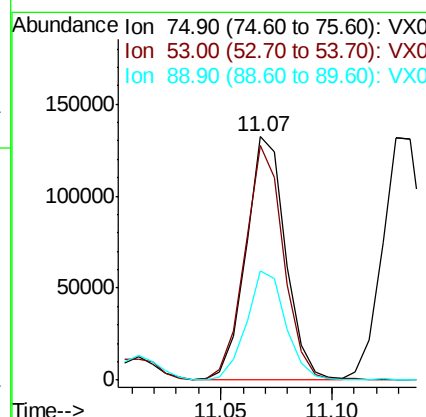
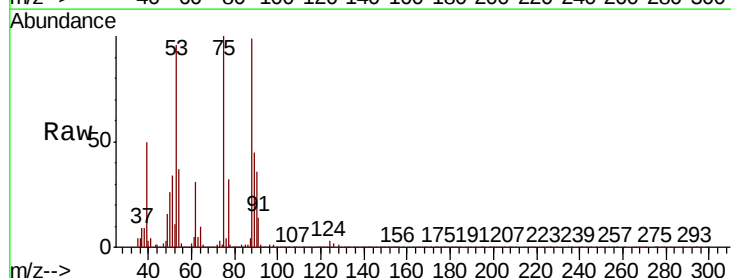
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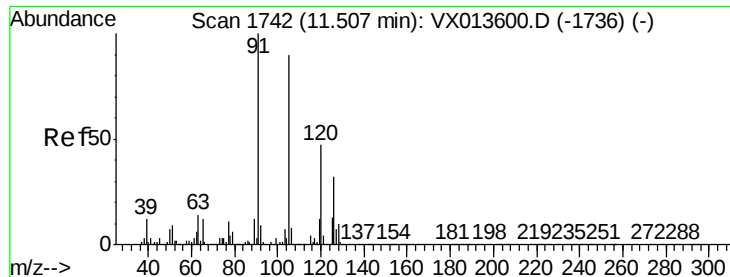
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 49.294 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. -0.00 min
 Lab File: VX013809.D
 Acq: 06 Dec 2019 18:59

Tgt Ion: 75 Resp: 163127
 Ion Ratio Lower Upper
 75 100
 53 94.0 78.2 117.2
 89 45.3 35.4 53.2





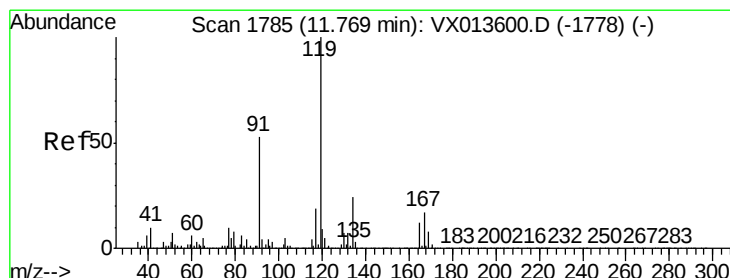
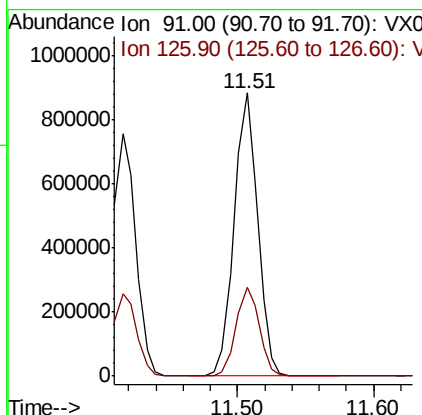
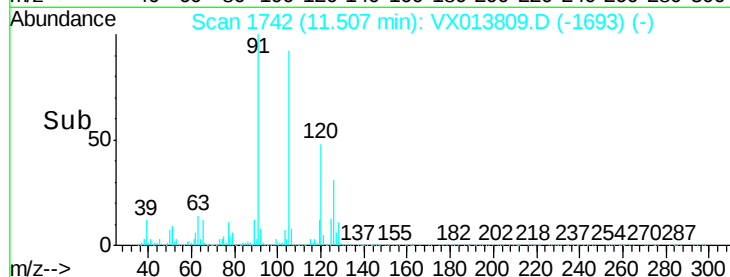
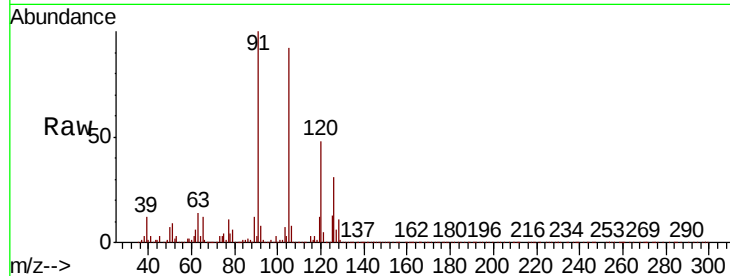
#82
4-Chlorotoluene
Concen: 48.556 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013809.D
Acq: 06 Dec 2019 18:59

Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20191202MSD

Tot Ion: 91 Resp: 1063331
Ion Ratio Lower Upper
91 100
126 31.0 15.7 47.0

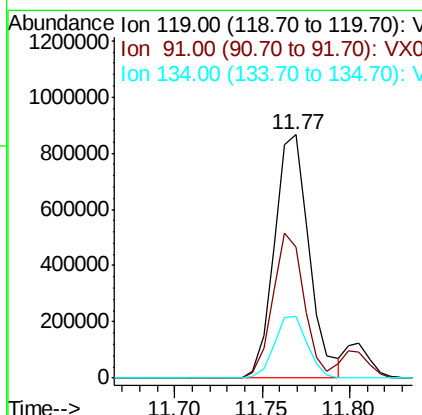
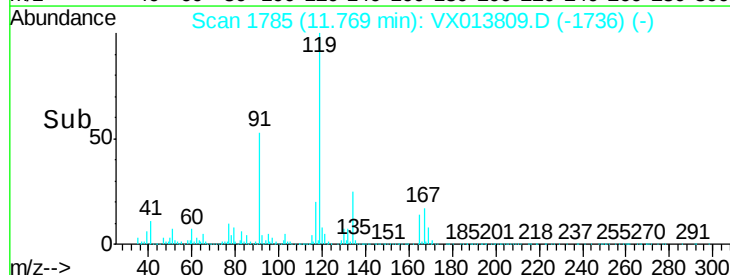
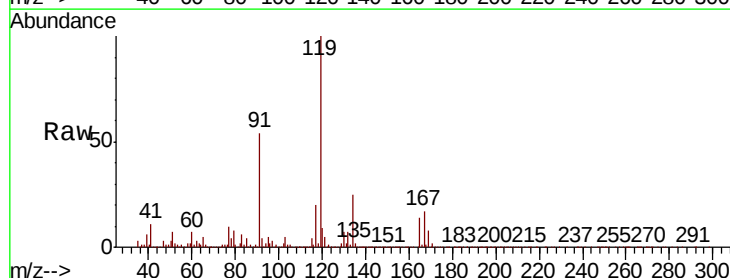
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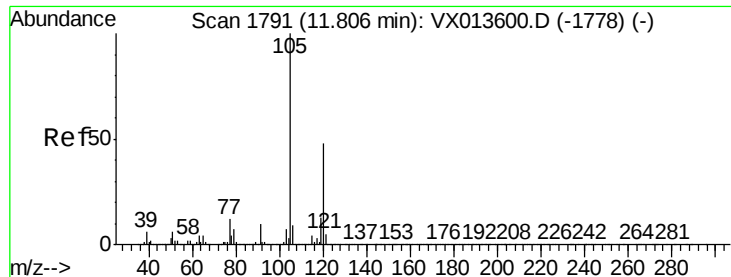
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#83
tert-Butylbenzene
Concen: 50.835 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. -0.00 min
Lab File: VX013809.D
Acq: 06 Dec 2019 18:59

Tgt Ion: 119 Resp: 1195567
Ion Ratio Lower Upper
119 100
91 53.8 27.2 81.6
134 24.1 11.7 35.1





#84

1,2,4-Trimethylbenzene

Concen: 50.029 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.01 min

Lab File: VX013809.D

Acq: 06 Dec 2019 18:59

Instrument :

MSVOA_X

ClientSampleId :

RE134D1-20191202MSD

Tot Ion:105 Resp: 1175000

Ion Ratio Lower Upper

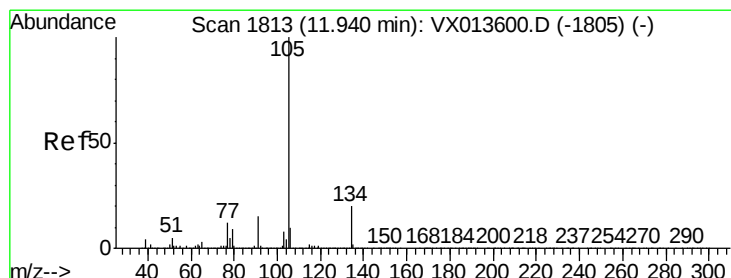
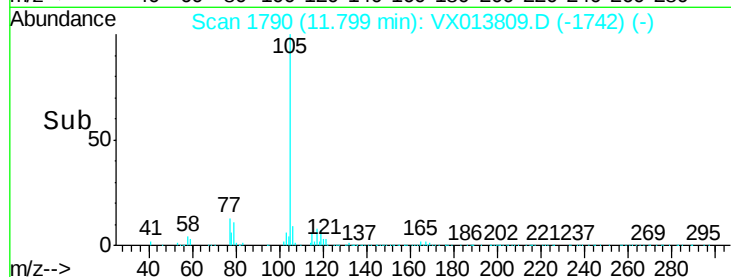
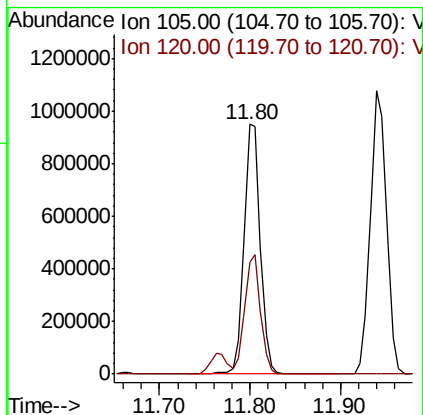
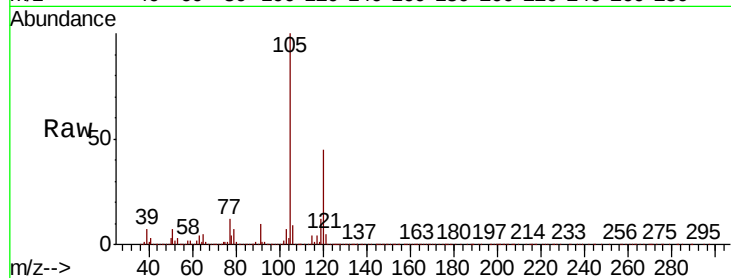
105 100

120 46.3 23.1 69.3

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#85

sec-Butylbenzene

Concen: 49.713 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013809.D

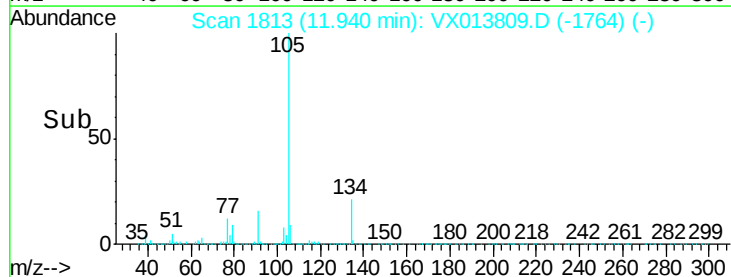
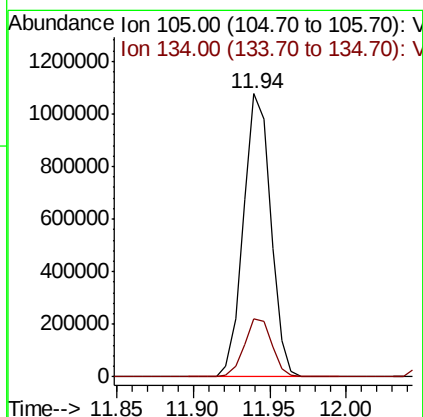
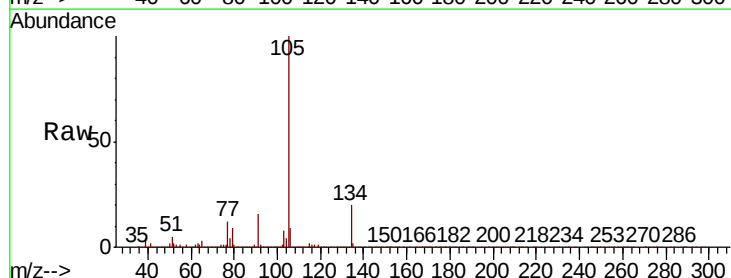
Acq: 06 Dec 2019 18:59

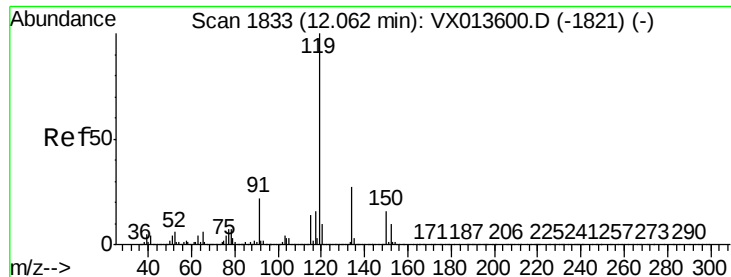
Tgt Ion:105 Resp: 1335470

Ion Ratio Lower Upper

105 100

134 20.7 10.4 31.2





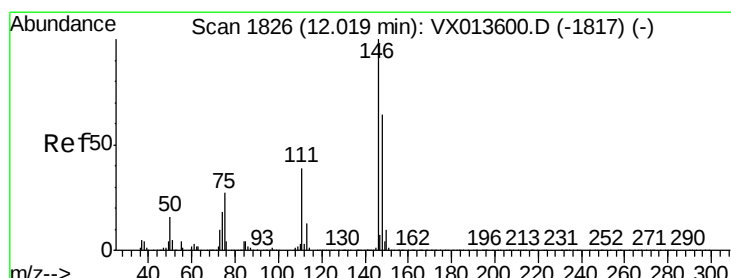
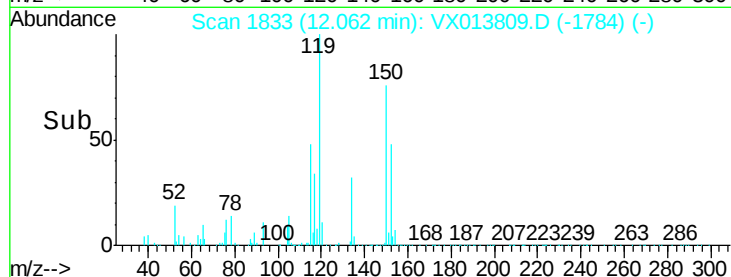
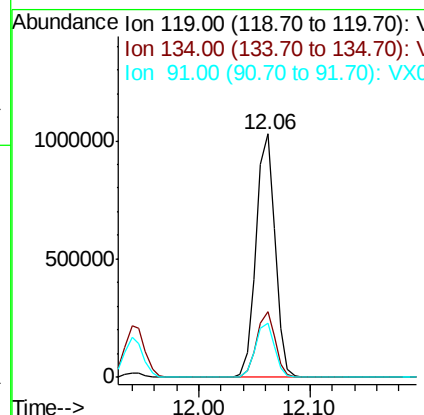
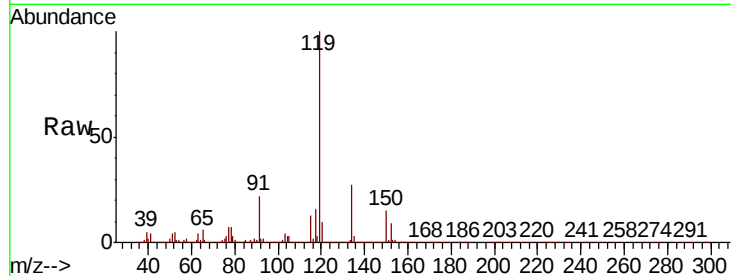
#86
p-Isopropyltoluene
Concen: 48.929 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX013809.D
Acq: 06 Dec 2019 18:59

Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20191202MSD

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.7	13.3	39.9
91	22.5	11.3	33.8

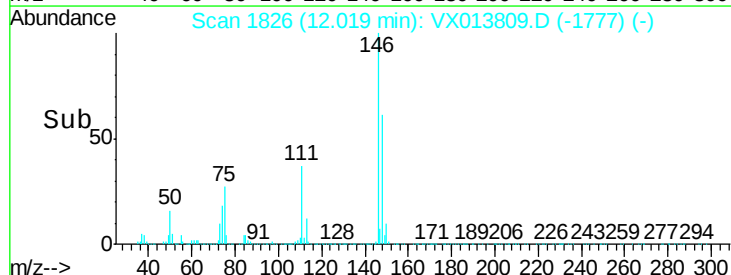
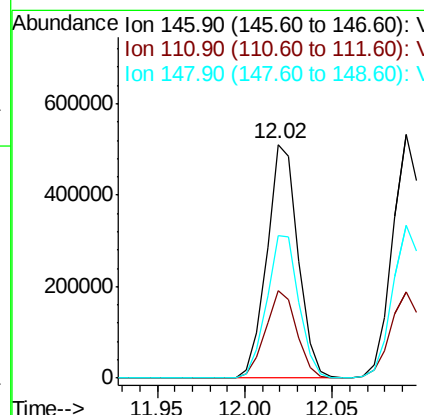
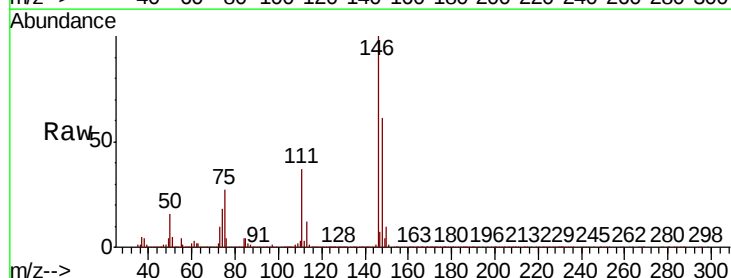
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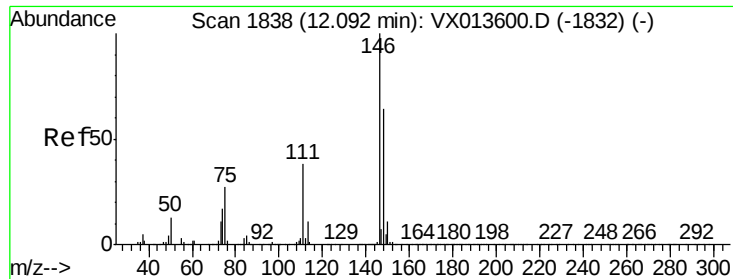
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#87
1,3-Dichlorobenzene
Concen: 48.236 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. -0.00 min
Lab File: VX013809.D
Acq: 06 Dec 2019 18:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	19.0	57.0
148	62.9	31.8	95.4





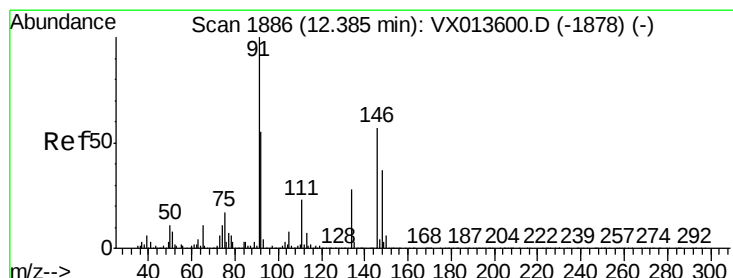
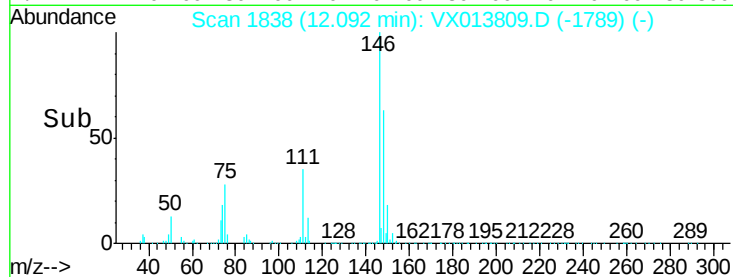
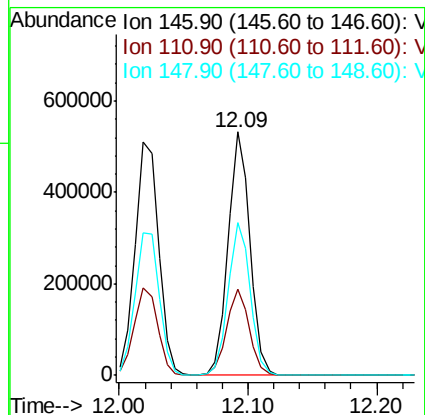
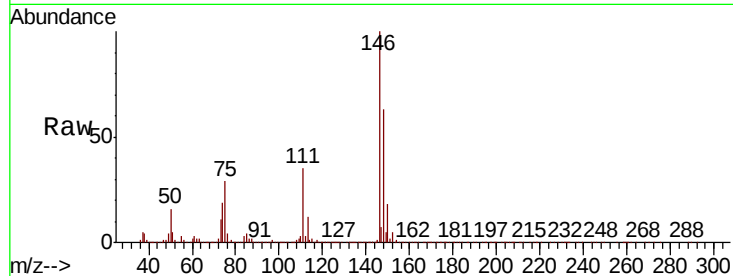
#88
 1,4-Dichlorobenzene
 Concen: 47.093 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013809.D
 Acq: 06 Dec 2019 18:59

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D1-20191202MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.9	56.9
148	63.5	31.9	95.5

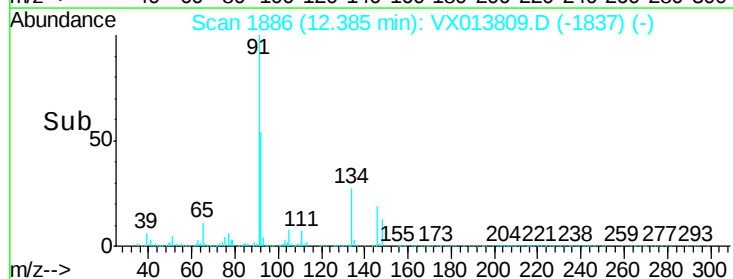
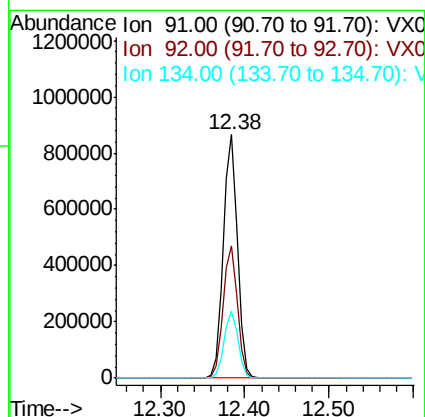
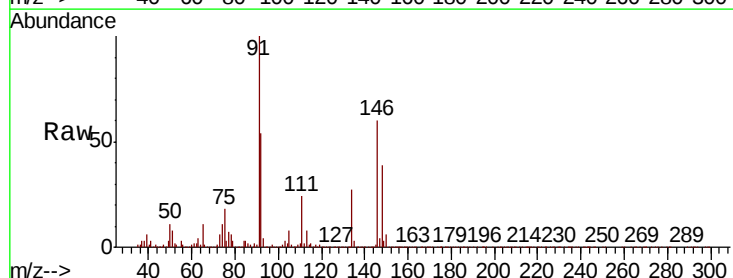
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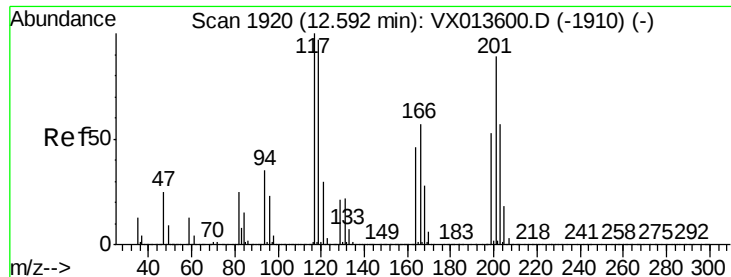
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#89
 n-Butylbenzene
 Concen: 47.338 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013809.D
 Acq: 06 Dec 2019 18:59

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.4	82.2
134	27.4	13.5	40.4





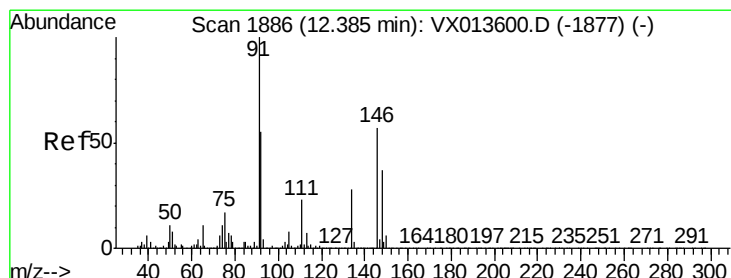
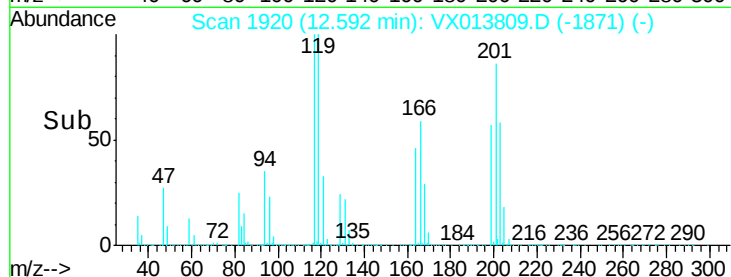
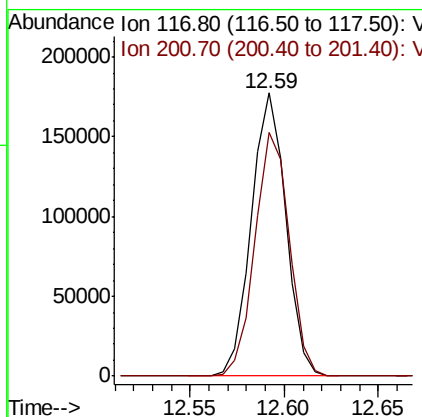
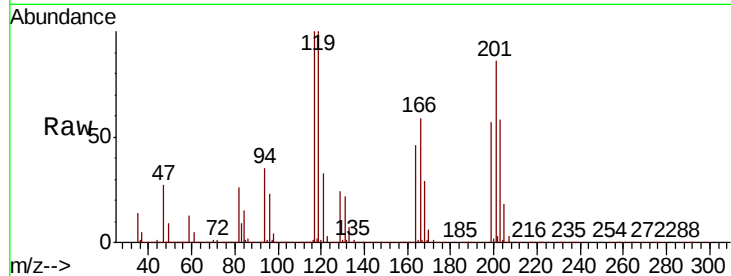
#90
Hexachloroethane
Concen: 49.807 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013809.D
Acq: 06 Dec 2019 18:59

Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20191202MSD

Tot Ion	Ratio	Lower	Upper
117	100		
201	86.0	44.1	132.4

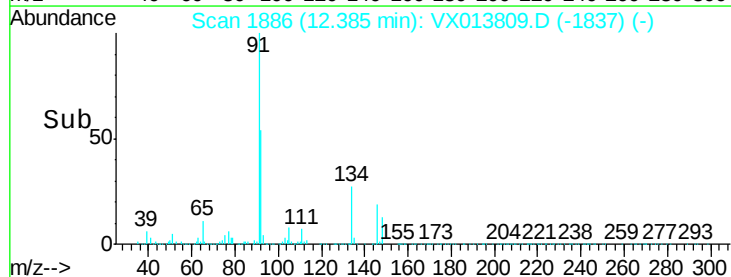
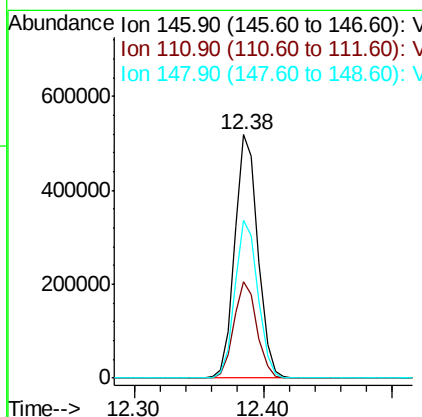
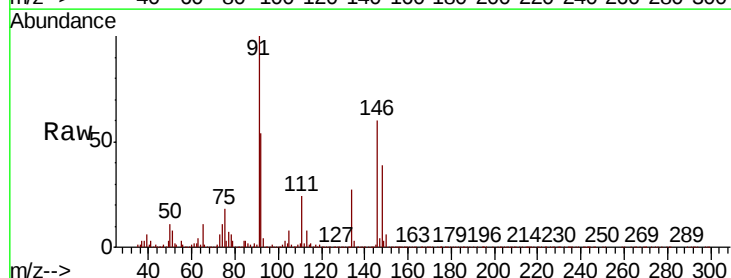
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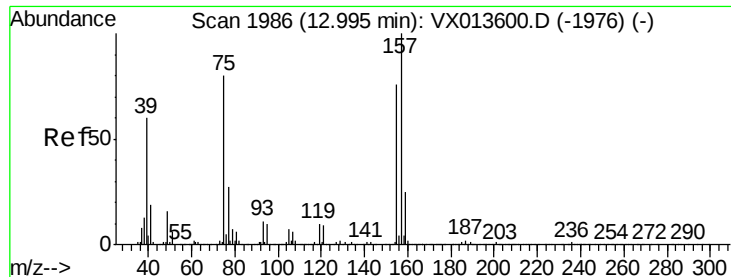
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#91
1,2-Dichlorobenzene
Concen: 49.366 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013809.D
Acq: 06 Dec 2019 18:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.6	58.7
148	64.6	31.9	95.7





#92

1,2-Dibromo-3-Chloropropane

Concen: 52.505 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX013809.D

Acq: 06 Dec 2019 18:59

Instrument :

MSVOA_X

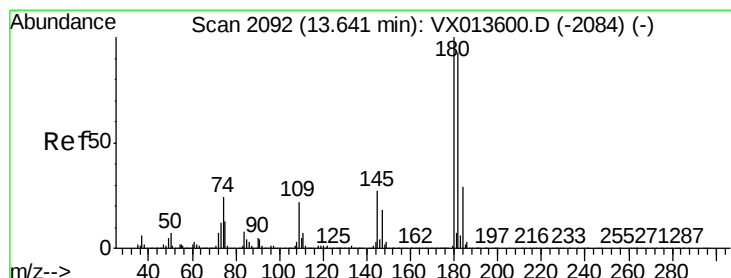
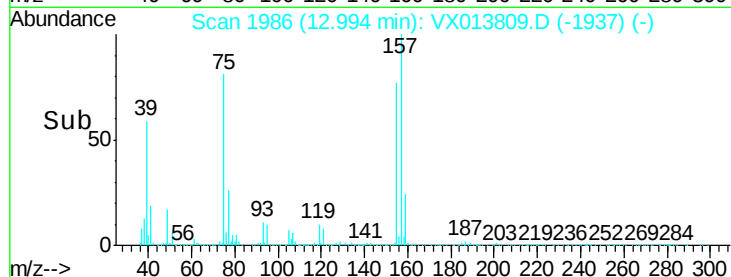
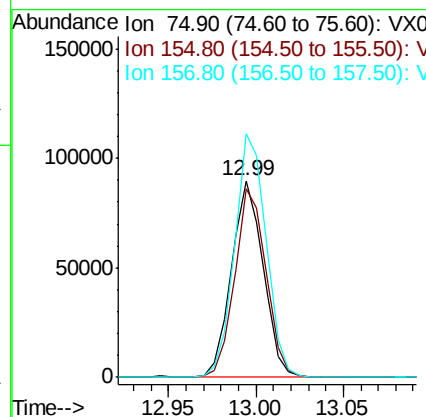
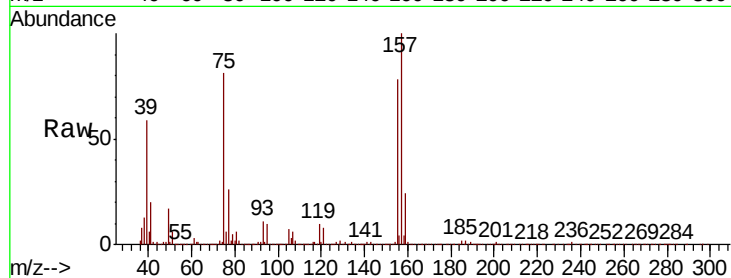
ClientSampleId :

RE134D1-20191202MSD

Tot Ion:	75	Resp:	111958
Ion Ratio	Lower	Upper	
75	100		
155	96.3	47.6	142.8
157	125.3	62.1	186.2

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#93

1,2,4-Trichlorobenzene

Concen: 44.977 ug/l

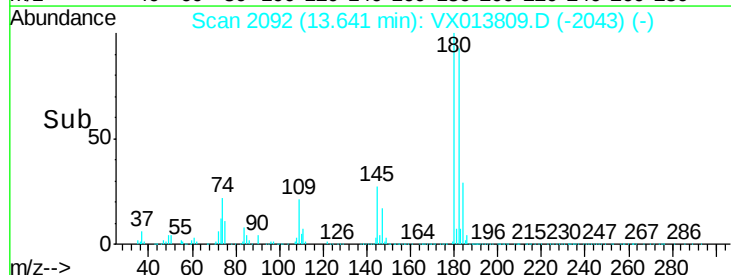
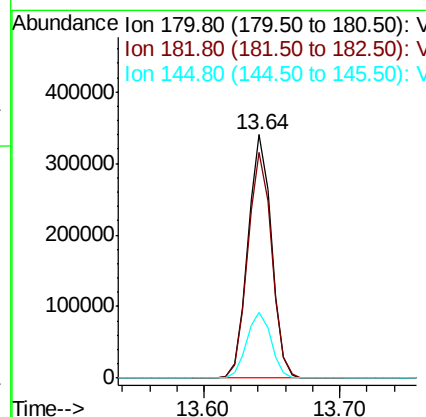
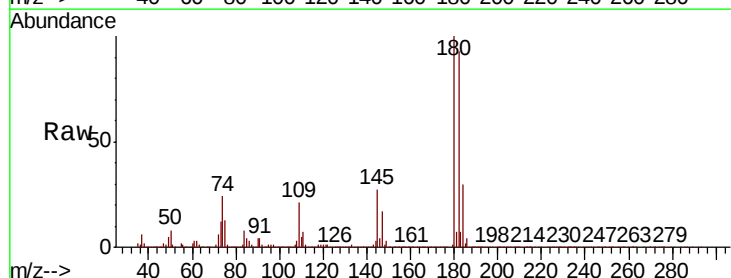
RT: 13.64 min Scan# 2092

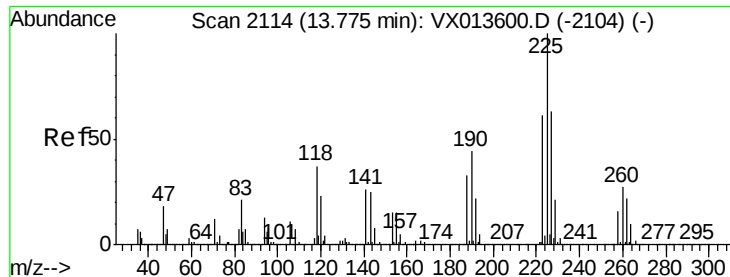
Delta R.T. -0.00 min

Lab File: VX013809.D

Acq: 06 Dec 2019 18:59

Tgt Ion:	180	Resp:	411806
Ion Ratio	Lower	Upper	
180	100		
182	94.1	47.2	141.6
145	28.0	13.8	41.4





#94

Hexachlorobutadiene

Concen: 42.548 ug/l

RT: 13.78 min Scan# 2115

Delta R.T. 0.01 min

Lab File: VX013809.D

Acq: 06 Dec 2019 18:59

Instrument :

MSVOA_X

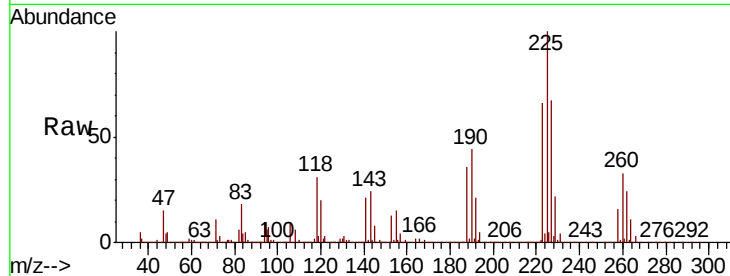
ClientSampleId :

RE134D1-20191202MSD

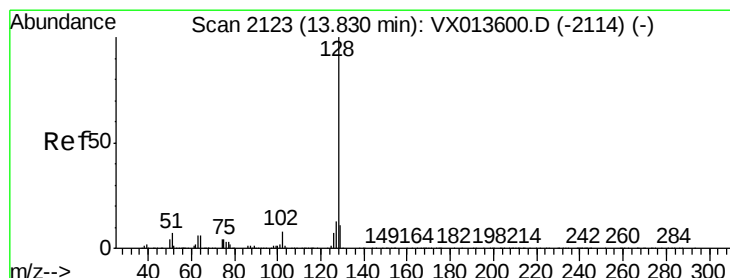
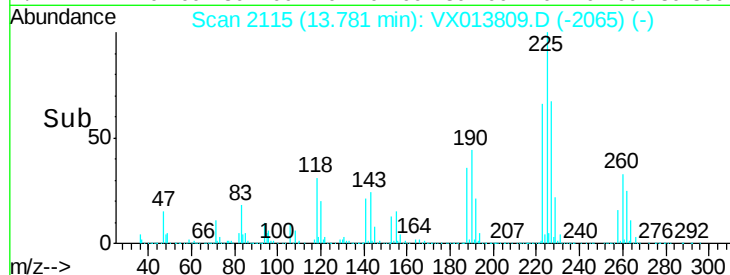
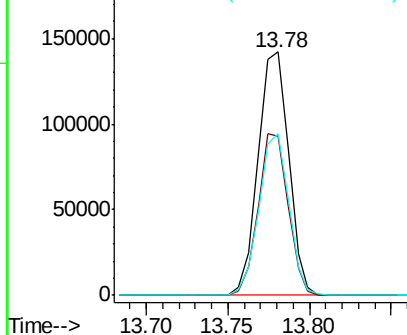
Tot Ion:	225	Resp:	187141
Ion Ratio	Lower	Upper	
225	100		
223	65.0	31.9	95.5
227	64.7	32.1	96.3

Manual Integrations
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12/9/2019 9:08:01 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: 48.640 ug/l

RT: 13.83 min Scan# 2123

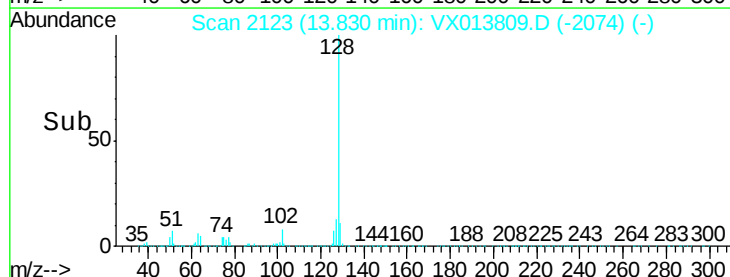
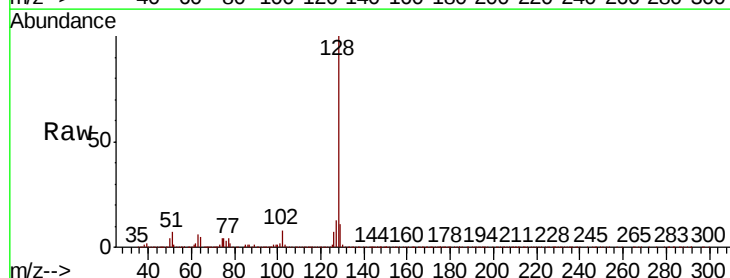
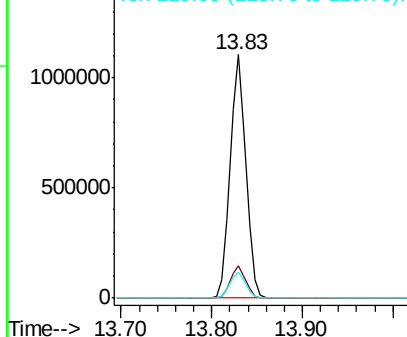
Delta R.T. -0.00 min

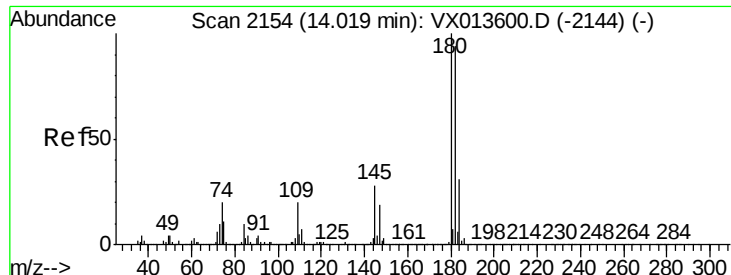
Lab File: VX013809.D

Acq: 06 Dec 2019 18:59

Tgt Ion:	128	Resp:	1326260
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.3	15.5
129	10.8	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: 46.413 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. -0.01 min
 Lab File: VX013809.D
 Acq: 06 Dec 2019 18:59

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D1-20191202MSD

Tot Ion	Ratio	Resp Lower	Upper
180	100		
182	96.7	47.6	142.8
145	29.4	15.0	45.0

Manual Integrations
 APPROVED

apatel
 12/9/2019 9:08:01 AM

