

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120519\
 Data File : VX013770.D
 Acq On : 05 Dec 2019 12:30
 Operator : JC/SP
 Sample : VX1205WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205WBS02

Manual Integrations
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 12/6/2019 9:36:07 AM

Quant Time: Dec 06 02:46:21 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	645686	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	979976	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	872170	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	421294	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	340016	45.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.74%	
35) Dibromofluoromethane	5.49	113	285272	47.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.18%	
50) Toluene-d8	8.71	98	1090649	46.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.42%	
62) 4-Bromofluorobenzene	11.14	95	380451	44.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	134578	18.726	ug/l	98
3) Chloromethane	1.32	50	144299	17.894	ug/l	100
4) Vinyl Chloride	1.40	62	174115	19.183	ug/l	98
5) Bromomethane	1.63	94	97552	16.004	ug/l	95
6) Chloroethane	1.72	64	97467	18.871	ug/l	95
7) Trichlorofluoromethane	1.92	101	190887	18.940	ug/l	99
8) Diethyl Ether	2.18	74	87008	19.082	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	116441	18.915	ug/l	98
10) Methyl Iodide	2.50	142	123616	16.600	ug/l	98
11) Tert butyl alcohol	3.03	59	153586	83.020	ug/l	99
12) 1,1-Dichloroethene	2.37	96	115788	18.843	ug/l	97
13) Acrolein	2.28	56	106170	89.756	ug/l	97
14) Allyl chloride	2.72	41	204307	18.321	ug/l	98
15) Acrylonitrile	3.13	53	357123	93.519	ug/l	99
16) Acetone	2.43	43	348338	94.136	ug/l	100
17) Carbon Disulfide	2.56	76	303342	17.317	ug/l	100
18) Methyl Acetate	2.76	43	205210	19.915	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	395725	19.440	ug/l	99
20) Methylene Chloride	2.85	84	134911	18.977	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	122436	18.290	ug/l	98
22) Diisopropyl ether	3.84	45	417950	19.465	ug/l	96
23) Vinyl Acetate	3.80	43	1701814	95.272	ug/l	100
24) 1,1-Dichloroethane	3.69	63	228829	19.495	ug/l	99
25) 2-Butanone	4.66	43	520626	94.669	ug/l	99
26) 2,2-Dichloropropane	4.57	77	183278	18.872	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	144268	18.767	ug/l	98
28) Bromochloromethane	5.00	49	96418	20.779	ug/l	98
29) Tetrahydrofuran	5.11	42	321763	94.909	ug/l	99
30) Chloroform	5.20	83	223117	18.743	ug/l	97
31) Cyclohexane	5.57	56	199423	18.012	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	193322	19.433	ug/l	99
36) 1,1-Dichloropropene	5.79	75	165470	18.601	ug/l	99
37) Ethyl Acetate	4.82	43	192561	19.295	ug/l	100
38) Carbon Tetrachloride	5.78	117	161624	19.704	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	205293	18.670	ug/l	96
40) Benzene	6.14	78	512802	18.927	ug/l	99
41) Methacrylonitrile	5.03	41	107299	19.605	ug/l	98
42) 1,2-Dichloroethane	6.18	62	180326	19.516	ug/l	99
43) Isopropyl Acetate	6.43	43	311177	18.940	ug/l	99
44) Trichloroethene	7.21	130	138846	18.673	ug/l	98
45) 1,2-Dichloropropane	7.51	63	135592	20.003	ug/l	94
46) Dibromomethane	7.65	93	85639	18.601	ug/l	98
47) Bromodichloromethane	7.89	83	170692	19.612	ug/l	98
48) Methyl methacrylate	7.76	41	154998	19.417	ug/l	97
49) 1,4-Dioxane	7.73	88	62209	348.148	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	991717	95.960	ug/l	99
52) Toluene	8.78	92	325269	19.325	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	185476	18.722	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	206111	19.043	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	134979	19.900	ug/l	99
56) Ethyl methacrylate	9.17	69	213821	19.608	ug/l	98
57) 1,3-Dichloropropane	9.37	76	222582	19.038	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	375787	87.892	ug/l	100
59) 2-Hexanone	9.48	43	763714	94.751	ug/l	99
60) Dibromochloromethane	9.57	129	136520	19.394	ug/l	98
61) 1,2-Dibromoethane	9.67	107	140009	19.327	ug/l	99
64) Tetrachloroethene	9.33	164	128751	19.795	ug/l	99
65) Chlorobenzene	10.14	112	346528	19.137	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	129229	19.874	ug/l	99
67) Ethyl Benzene	10.25	91	608968	19.571	ug/l	98
68) m/p-Xylenes	10.35	106	458684	38.502	ug/l	98
69) o-Xylene	10.70	106	226327	19.479	ug/l	100
70) Styrene	10.71	104	383979	19.646	ug/l	99
71) Bromoform	10.85	173	105409	19.592	ug/l #	99
73) Isopropylbenzene	11.01	105	596701	20.191	ug/l	100
74) N-amyl acetate	10.89	43	266705	19.701	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	206810	20.179	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	189680m	20.018	ug/l	
77) Bromobenzene	11.25	156	159224	19.944	ug/l	99
78) n-propylbenzene	11.35	91	666623	20.207	ug/l	100
79) 2-Chlorotoluene	11.42	91	398675	20.146	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	494487	20.416	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	64227	18.544	ug/l	98
82) 4-Chlorotoluene	11.51	91	454504	19.830	ug/l	99
83) tert-Butylbenzene	11.77	119	503892	20.471	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	497405	20.235	ug/l	100
85) sec-Butylbenzene	11.94	105	571957	20.343	ug/l	100
86) p-Isopropyltoluene	12.06	119	520878	19.914	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	274806	19.746	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	272487	19.223	ug/l	99
89) n-Butylbenzene	12.38	91	433596	19.436	ug/l	99
90) Hexachloroethane	12.59	117	91573	19.369	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	276674	20.121	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	43211	19.362	ug/l	99

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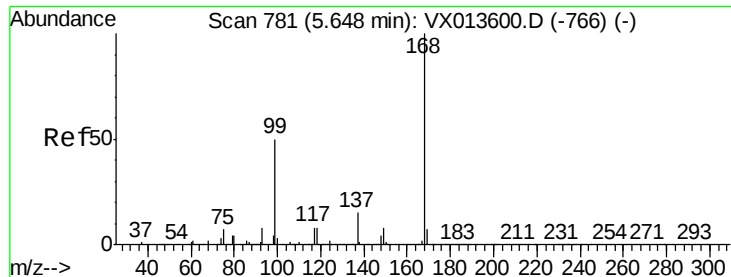
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	180520	18.838	ug/l	100
94) Hexachlorobutadiene	13.77	225	87266	18.957	ug/l	99
95) Naphthalene	13.83	128	569344	19.950	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	185439	19.544	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBS02

Tot Ion:168 Resp: 645686

Ion Ratio Lower Upper

168 100

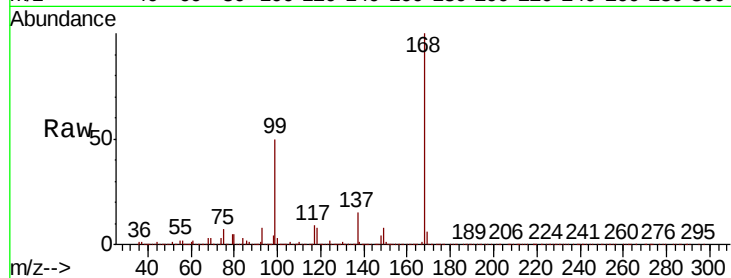
99 49.9 39.8 59.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

250000

200000

150000

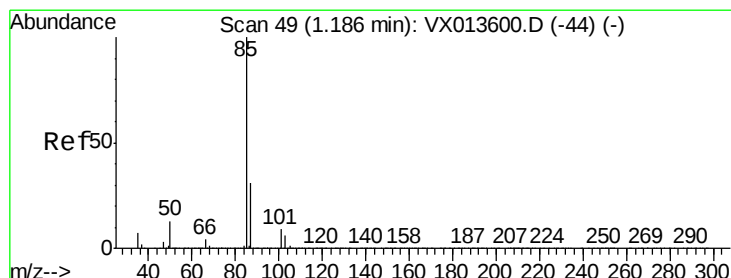
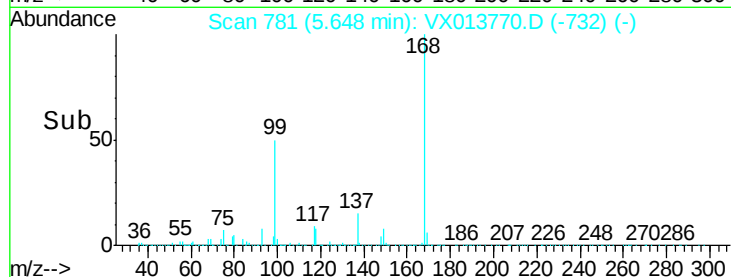
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.726 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013770.D

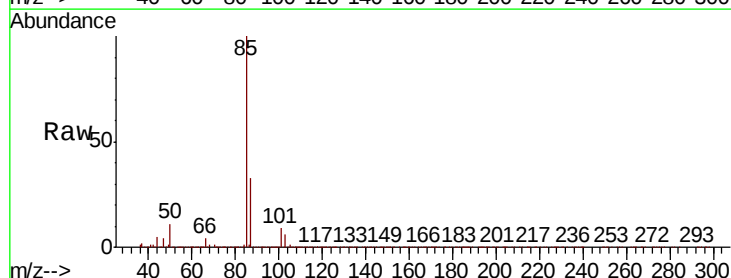
Acq: 05 Dec 2019 12:30

Tgt Ion: 85 Resp: 134578

Ion Ratio Lower Upper

85 100

87 32.4 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

150000

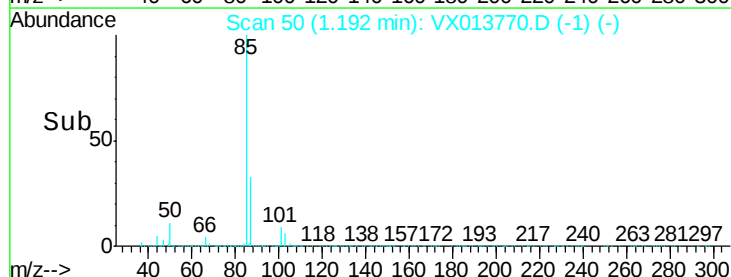
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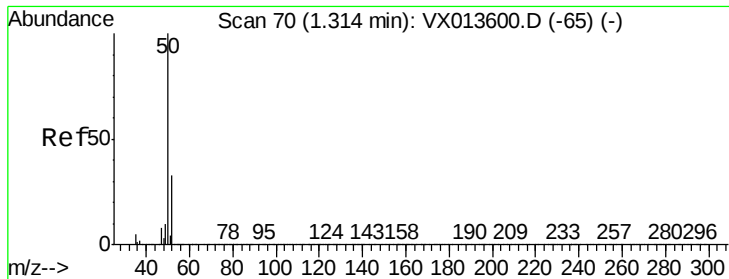
50000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 17.894 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBS02

Tot Ion: 50 Resp: 144299

Ion Ratio Lower Upper

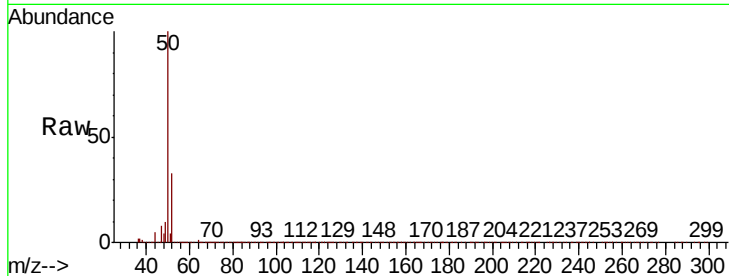
50 100

52 32.5 26.0 39.0

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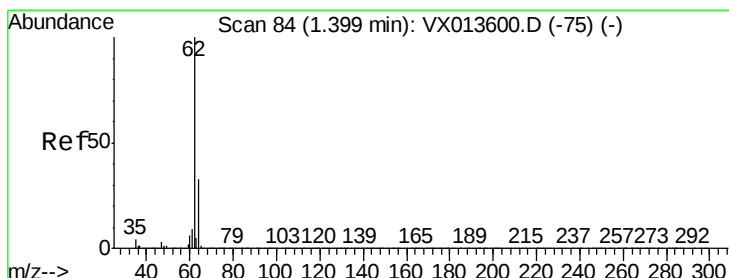
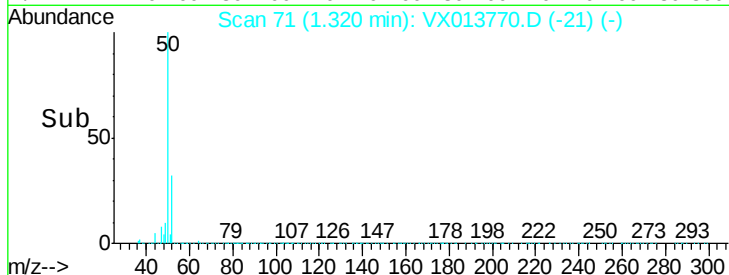
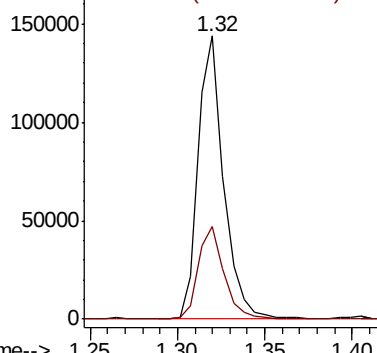
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.183 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013770.D

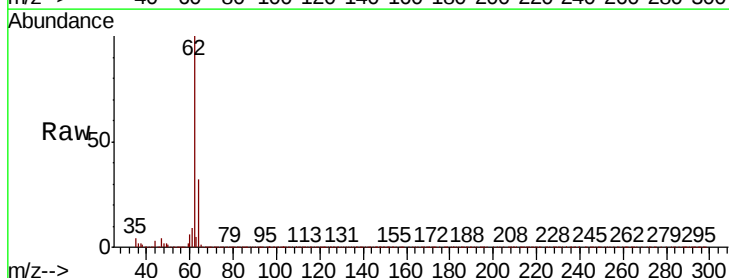
Acq: 05 Dec 2019 12:30

Tgt Ion: 62 Resp: 174115

Ion Ratio Lower Upper

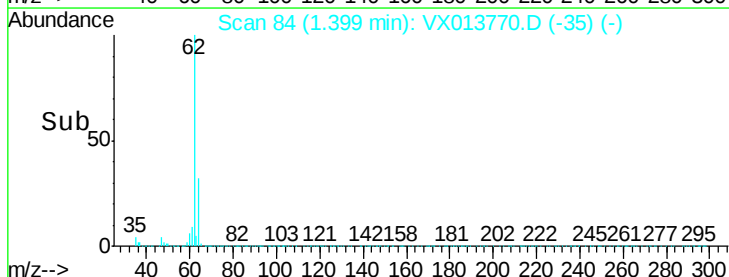
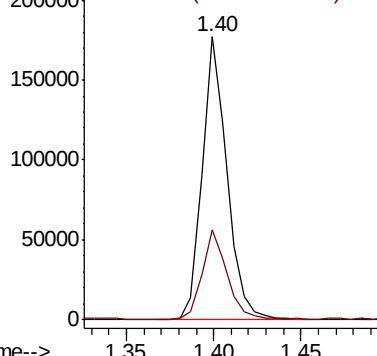
62 100

64 31.5 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 16.004 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBS02

Tot Ion: 94 Resp: 97552

Ion Ratio Lower Upper

94 100

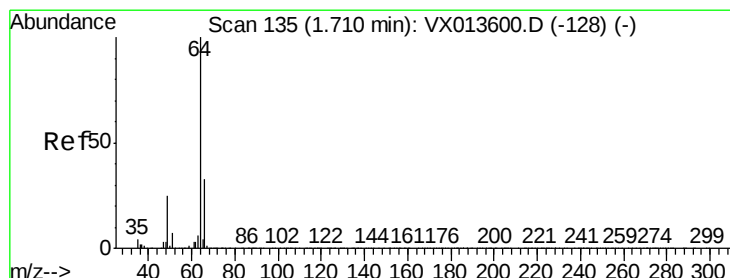
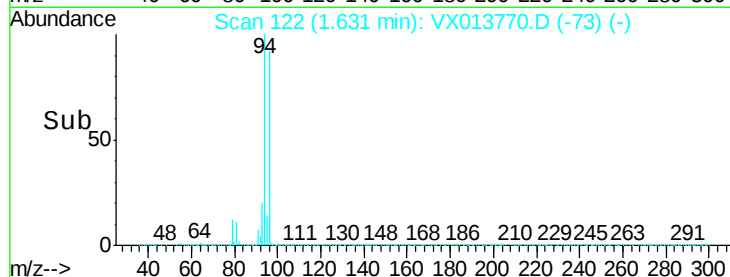
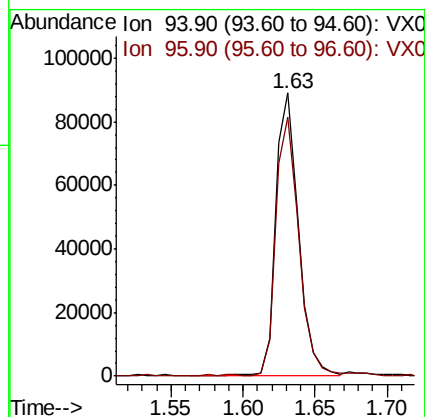
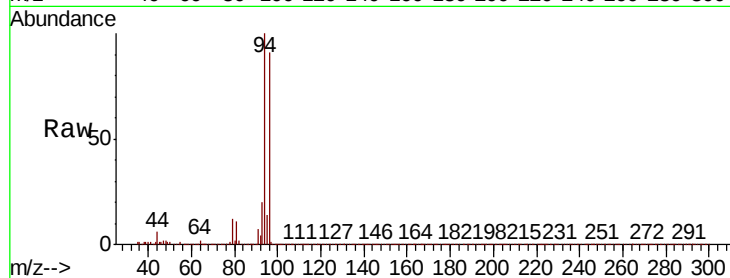
96 91.2 77.0 115.4

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#6

Chloroethane

Concen: 18.871 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013770.D

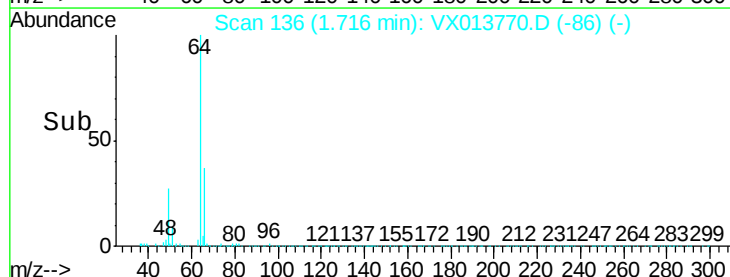
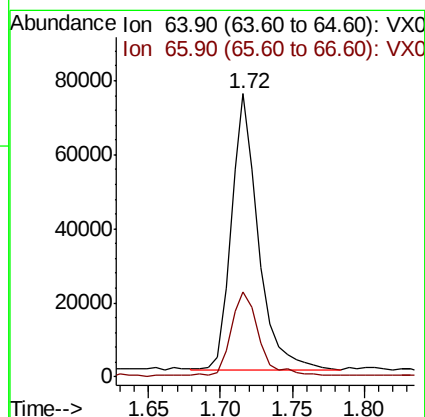
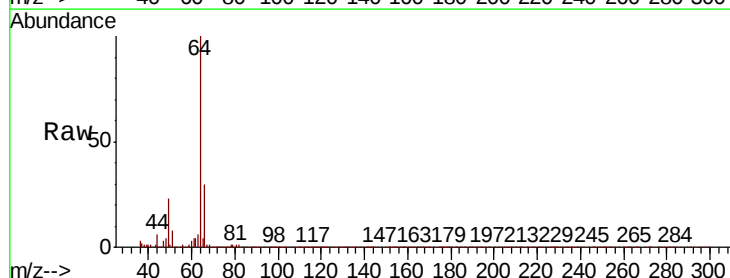
Acq: 05 Dec 2019 12:30

Tgt Ion: 64 Resp: 97467

Ion Ratio Lower Upper

64 100

66 30.5 26.7 40.1





#7

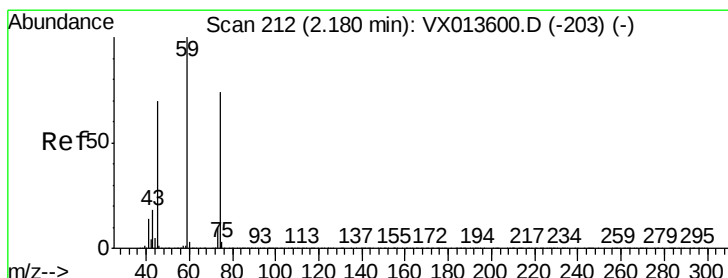
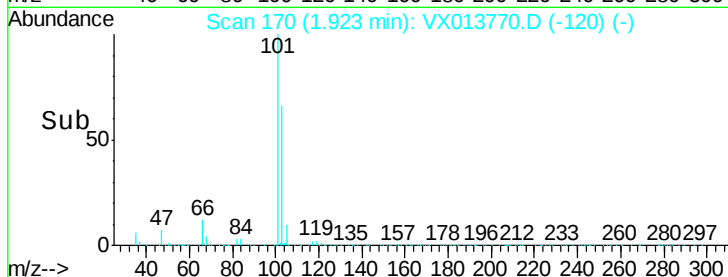
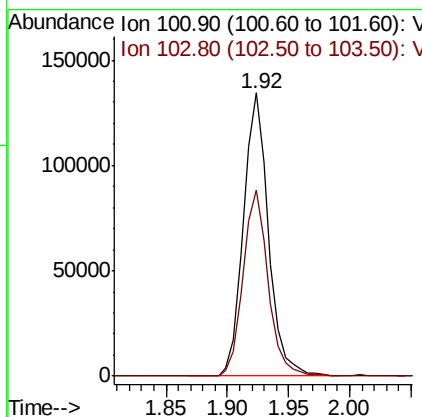
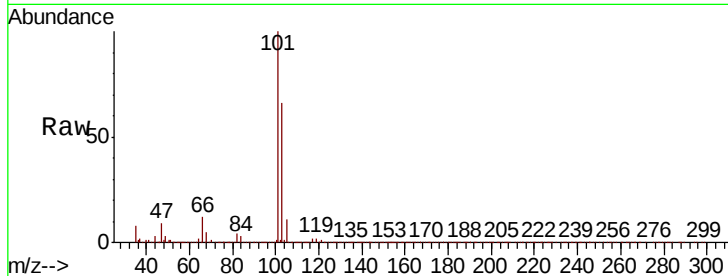
Trichlorofluoromethane
 Concen: 18.940 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX013770.D
 Acq: 05 Dec 2019 12:30

Instrument :
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 ClientSampleId :
 VX1205WBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.5	51.8	77.6

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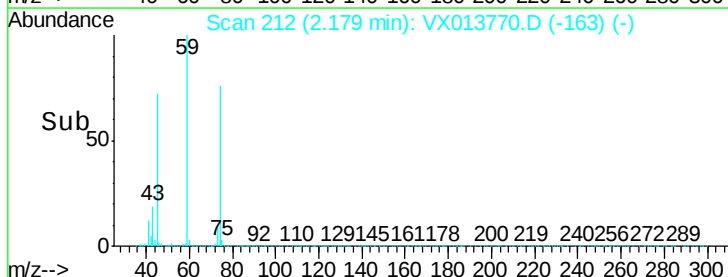
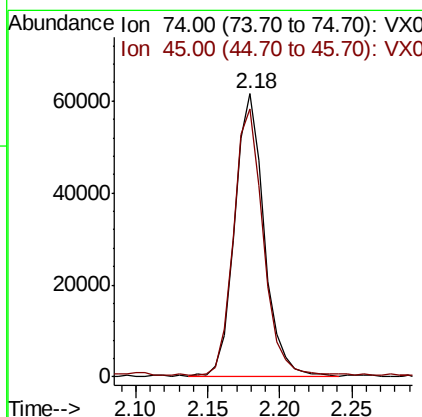
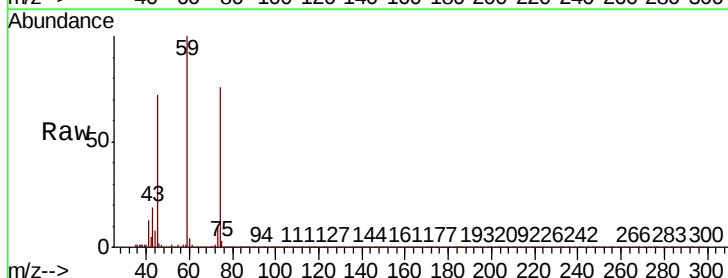
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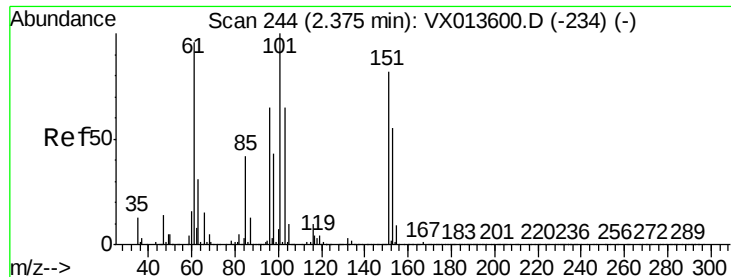


#8

Diethyl Ether
 Concen: 19.082 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX013770.D
 Acq: 05 Dec 2019 12:30

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.8	48.9	146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.915 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

Instrument :

MSVOA_X

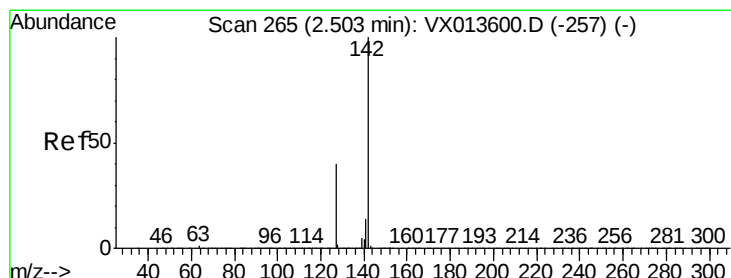
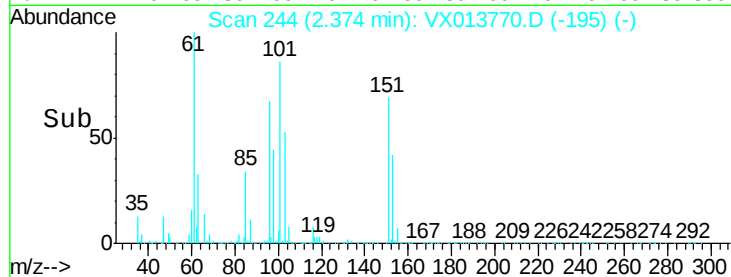
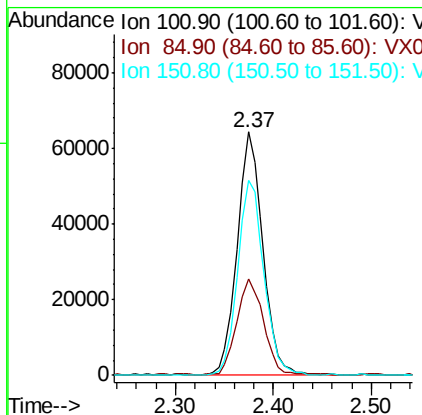
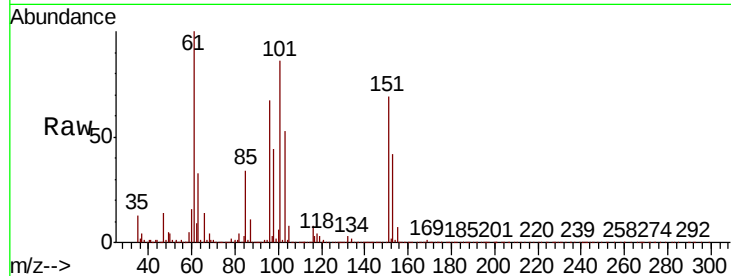
ClientSampleId :

VX1205WBS02

Tot Ion:	101	Resp:	116441
Ion Ratio	Lower	Upper	
101	100		
85	42.0	33.9	50.9
151	82.2	64.2	96.2

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#10

Methyl Iodide

Concen: 16.600 ug/l

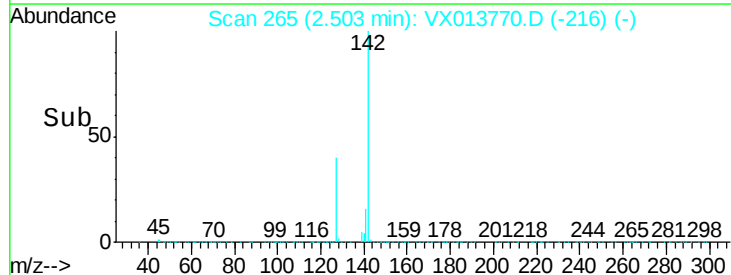
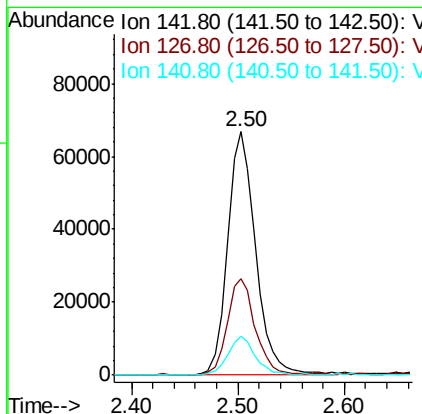
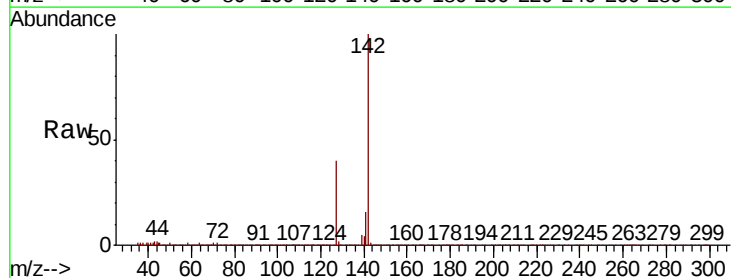
RT: 2.50 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

Tgt Ion:	142	Resp:	123616
Ion Ratio	Lower	Upper	
142	100		
127	39.4	31.0	46.4
141	15.6	11.6	17.4





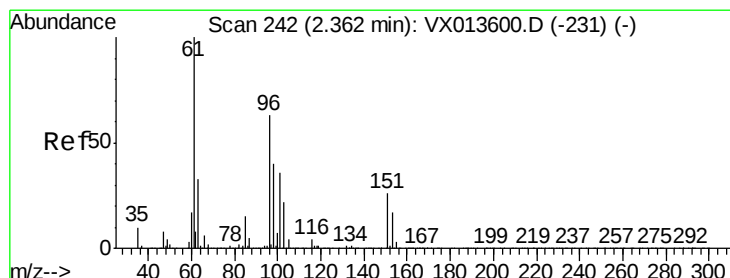
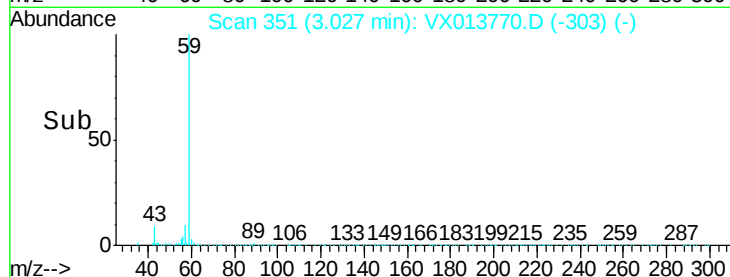
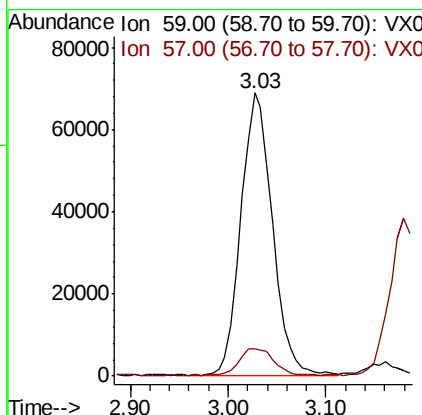
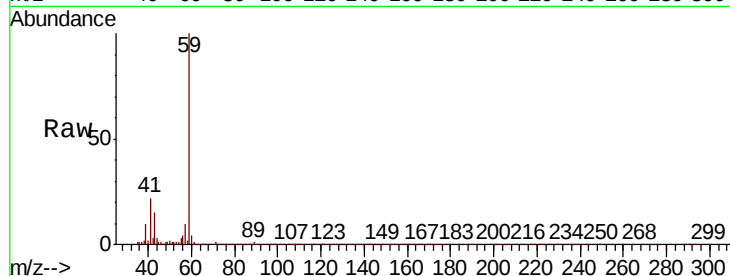
#11
Tert butyl alcohol
Concen: 83.020 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013770.D
Acq: 05 Dec 2019 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	7.8	11.6

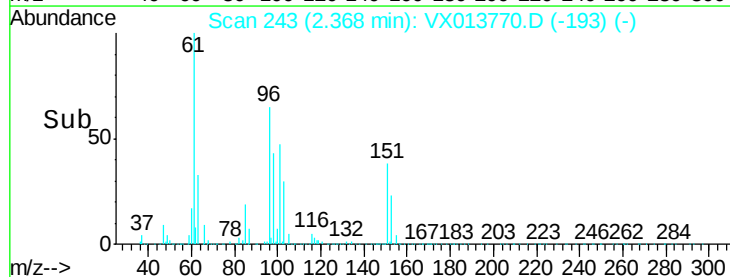
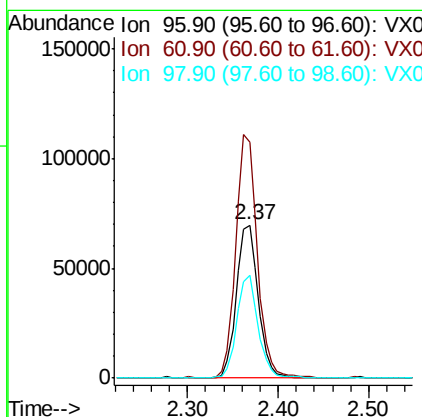
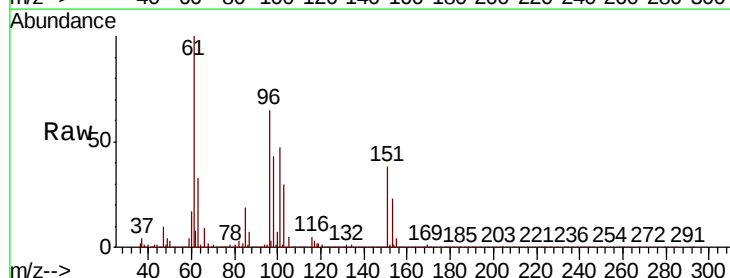
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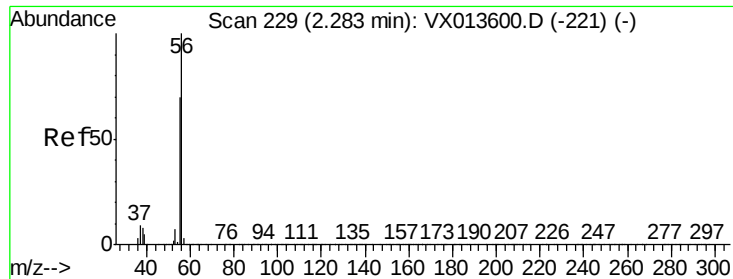
apatel
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#12
1,1-Dichloroethene
Concen: 18.843 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX013770.D
Acq: 05 Dec 2019 12:30

Tgt Ion	Ratio	Lower	Upper
96	100		
61	154.3	126.6	190.0
98	66.9	50.6	76.0





#13

Acrolein

Concen: 89.756 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBS02

Tot Ion: 56 Resp: 106170

Ion Ratio Lower Upper

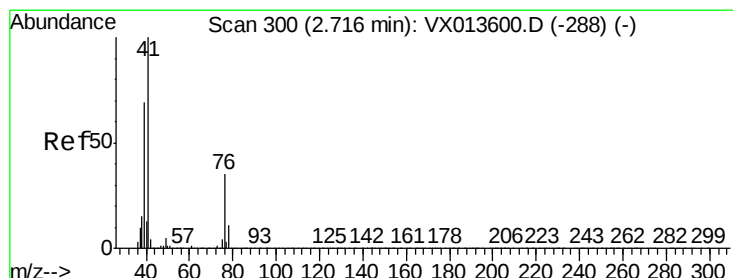
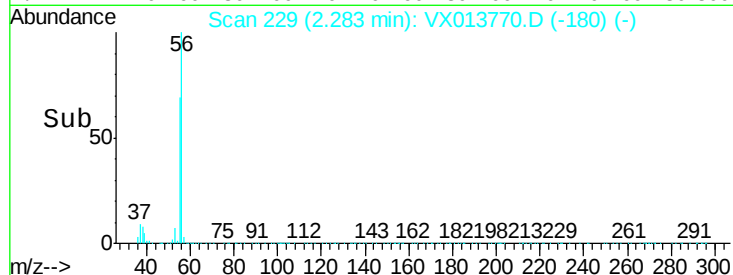
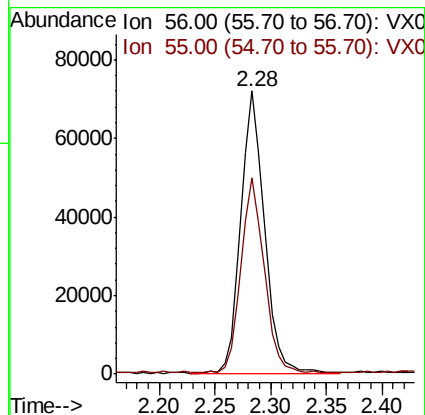
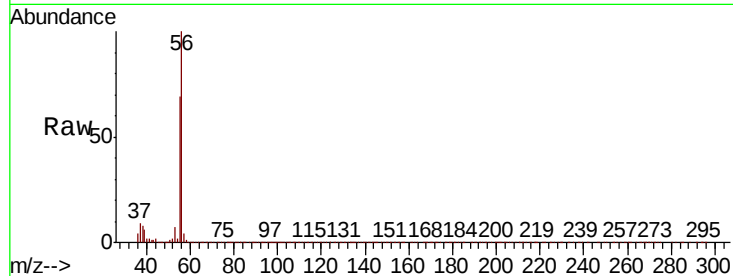
56 100

55 68.2 56.2 84.4

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#14

Allyl chloride

Concen: 18.321 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.01 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

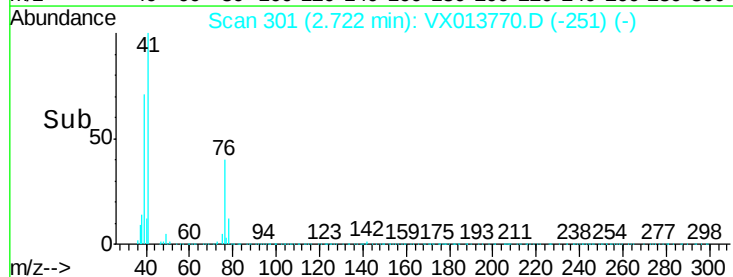
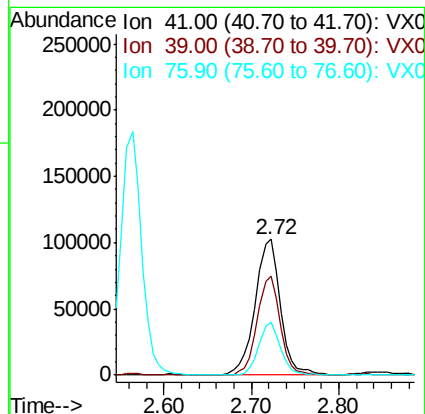
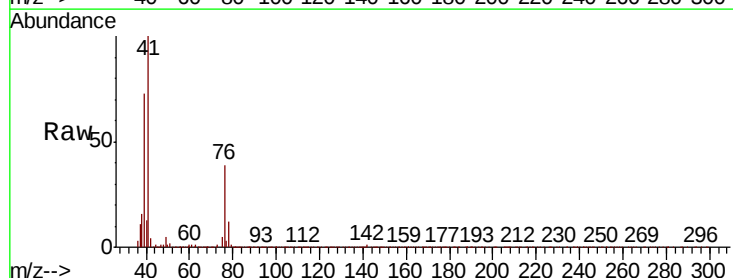
Tgt Ion: 41 Resp: 204307

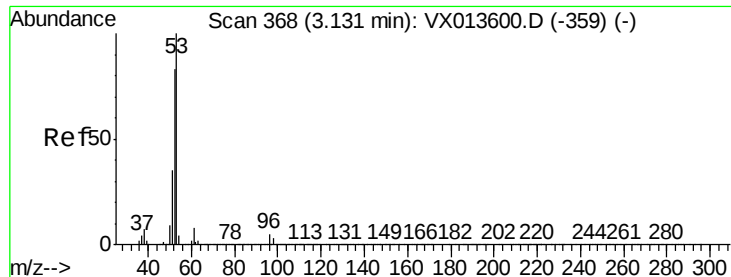
Ion Ratio Lower Upper

41 100

39 66.1 51.7 77.5

76 33.4 25.9 38.9





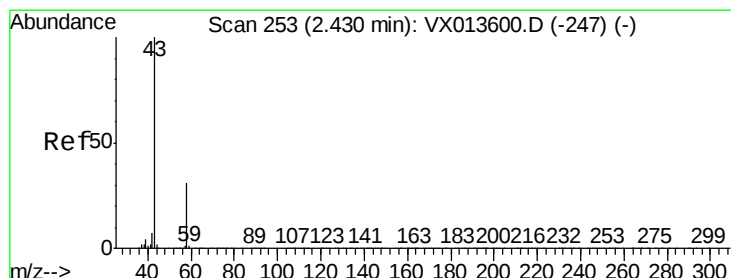
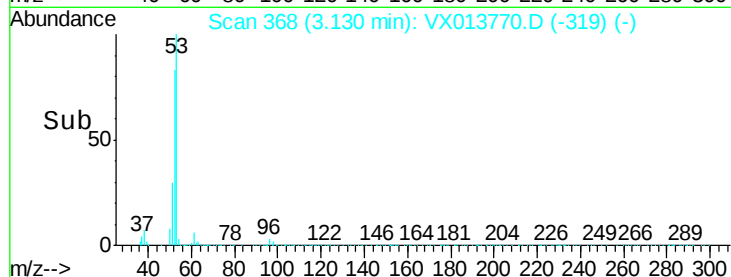
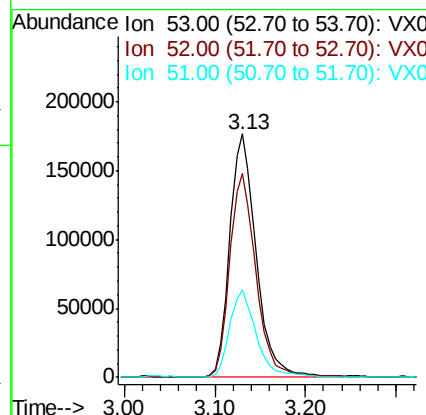
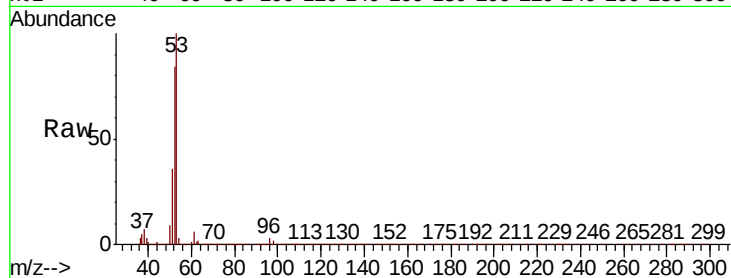
#15
 Acrylonitrile
 Concen: 93.519 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. -0.00 min
 Lab File: VX013770.D
 Acq: 05 Dec 2019 12:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205WBS02

Tot Ion:	53	Resp:	357123
Ion Ratio	Lower	Upper	
53	100		
52	83.3	66.2	99.2
51	36.0	29.0	43.6

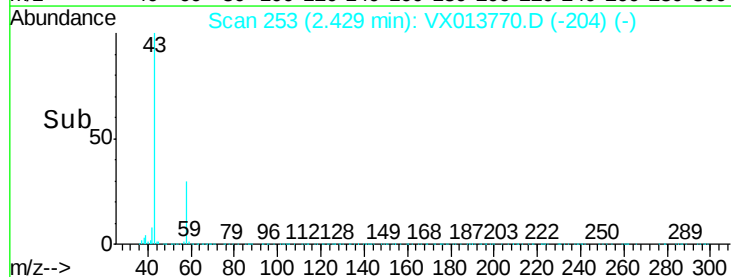
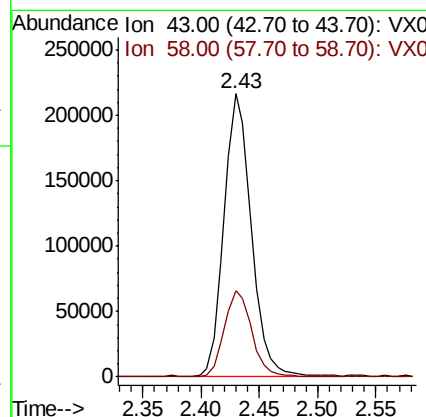
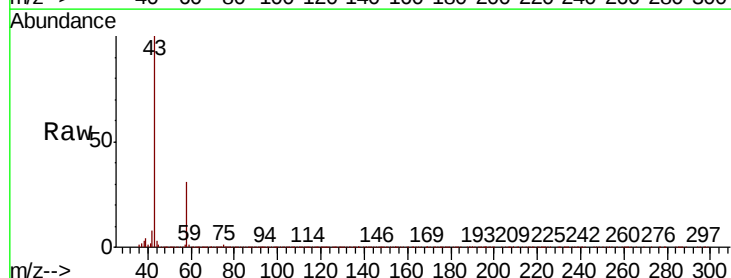
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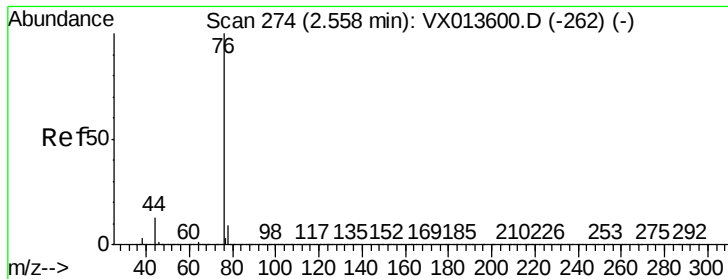
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#16
 Acetone
 Concen: 94.136 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. -0.00 min
 Lab File: VX013770.D
 Acq: 05 Dec 2019 12:30

Tgt Ion:	43	Resp:	348338
Ion Ratio	Lower	Upper	
43	100		
58	30.5	24.6	36.8





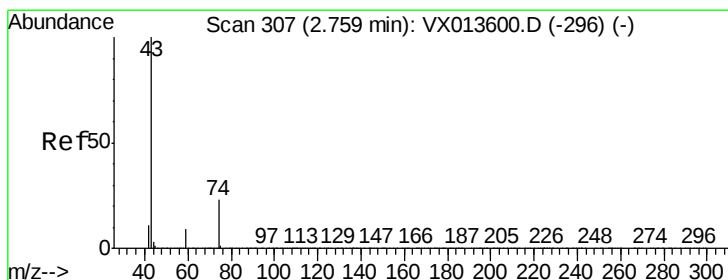
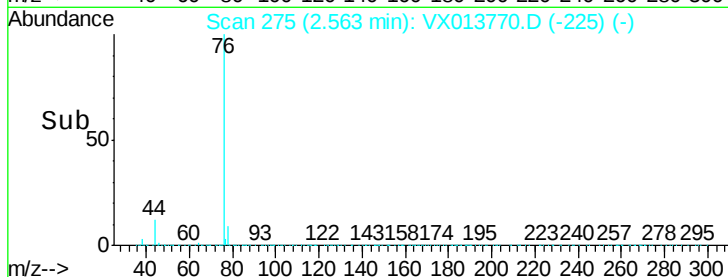
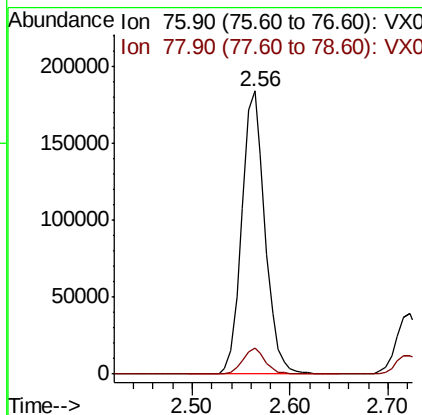
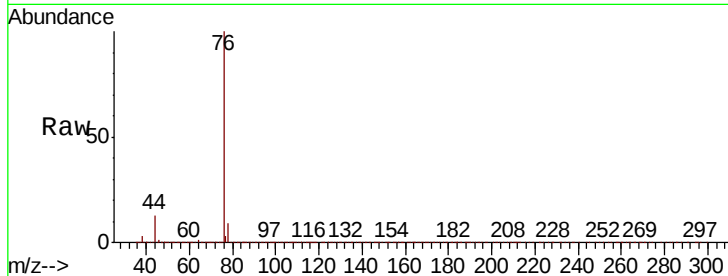
#17
Carbon Disulfide
Concen: 17.317 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX013770.D
Acq: 05 Dec 2019 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.2	10.8

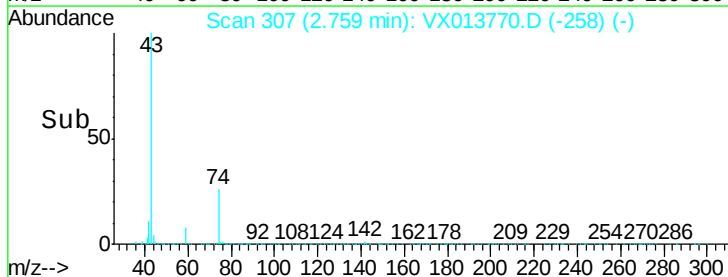
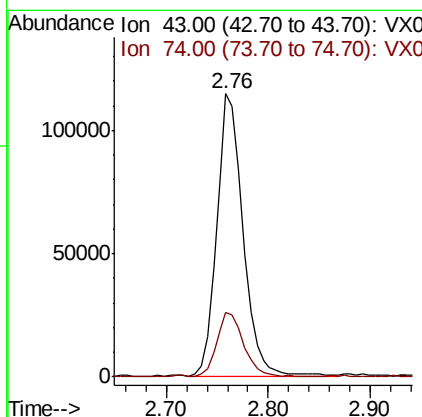
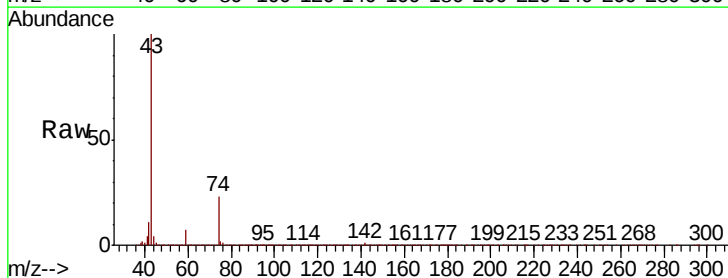
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#18
Methyl Acetate
Concen: 19.915 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.00 min
Lab File: VX013770.D
Acq: 05 Dec 2019 12:30

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.8	19.5	29.3





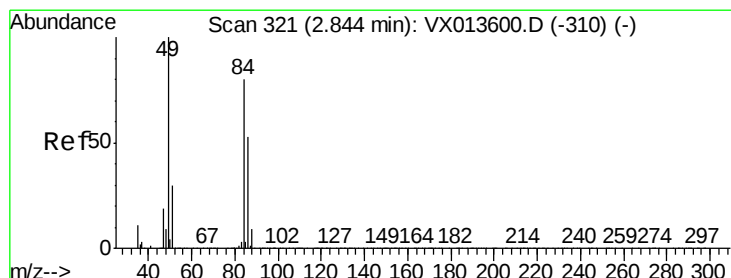
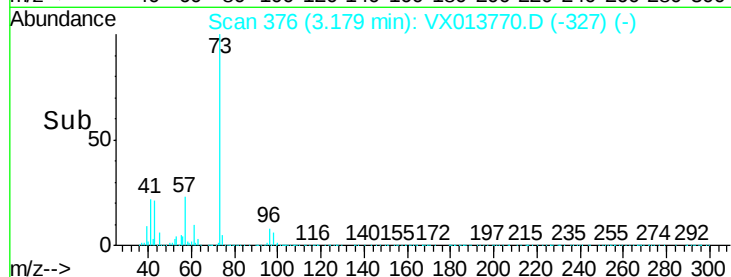
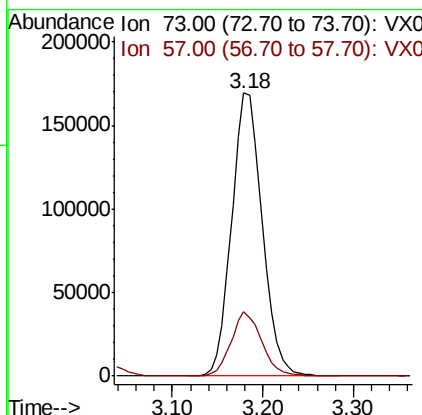
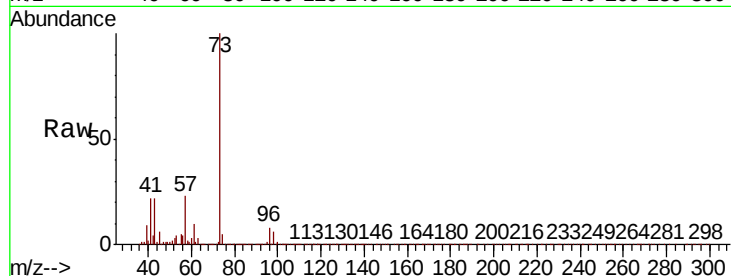
#19
Methvl tert-butvl Ether
Concen: 19.440 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX013770.D
Acq: 05 Dec 2019 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.4	18.3	27.5

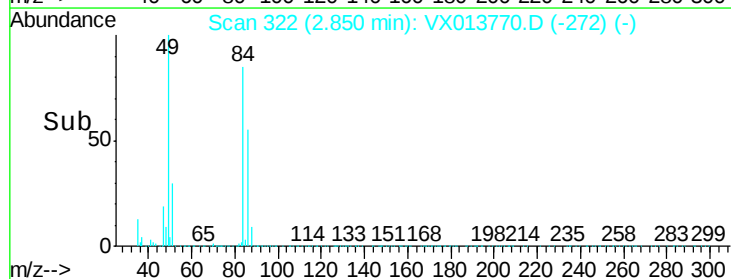
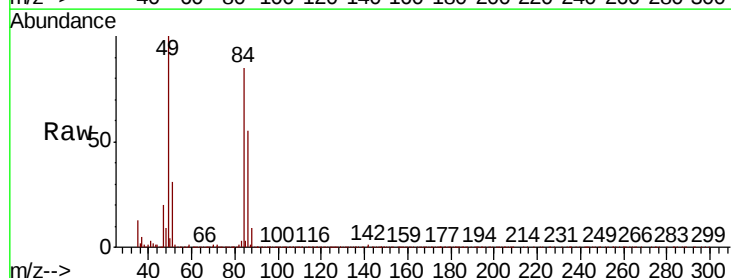
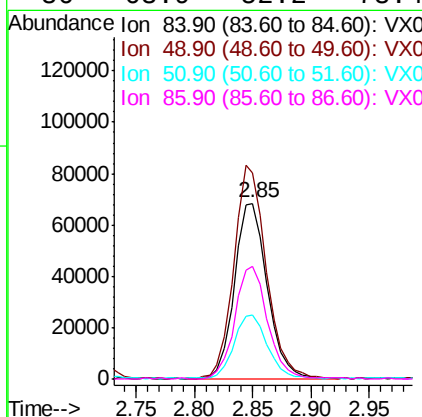
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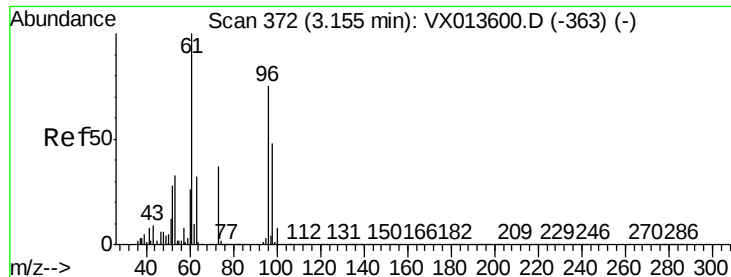
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#20
Methylene Chloride
Concen: 18.977 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013770.D
Acq: 05 Dec 2019 12:30

Tgt Ion	Ratio	Lower	Upper
84	100		
49	117.0	99.7	149.5
51	35.9	29.9	44.9
86	63.9	52.2	78.4





#21

trans-1,2-Dichloroethene

Concen: 18.290 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

Instrument :

MSVOA_X

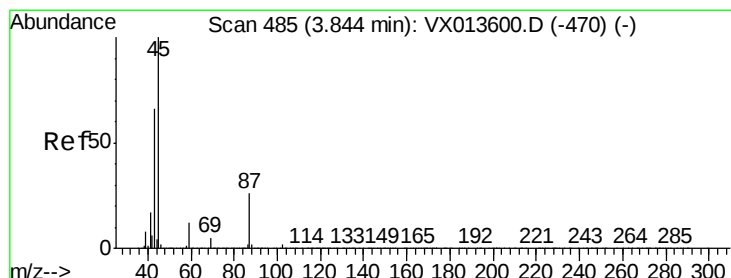
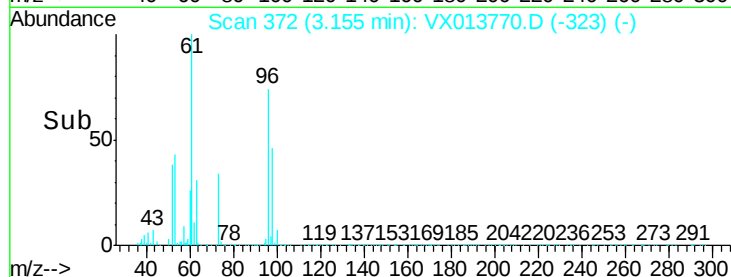
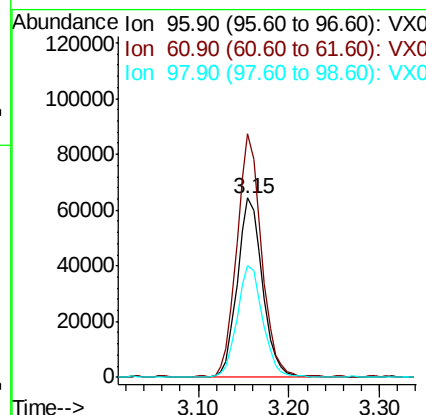
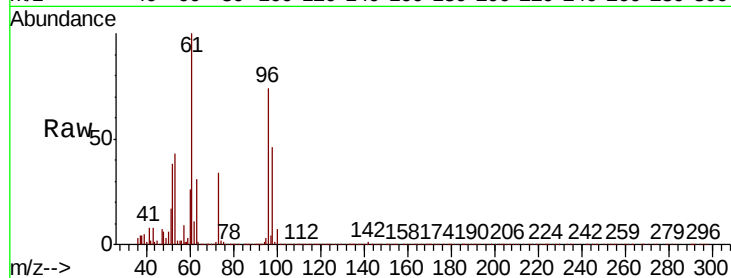
ClientSampleId :

VX1205WBS02

Tot Ion:	96	Resp:	122436
Ion	Ratio	Lower	Upper
96	100		
61	135.9	107.2	160.8
98	62.2	51.4	77.0

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#22

Diisopropyl ether

Concen: 19.465 ug/l

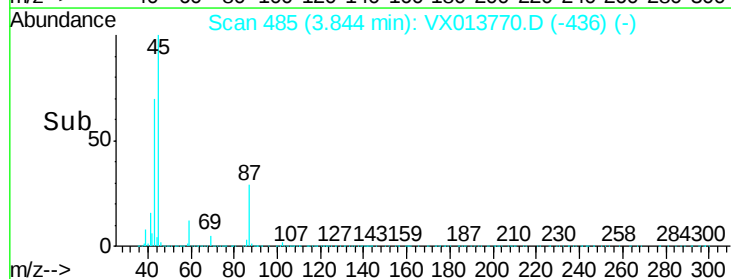
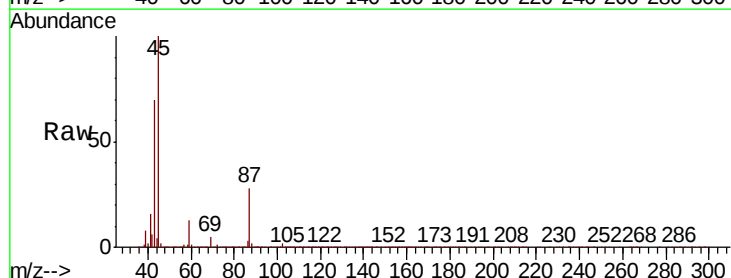
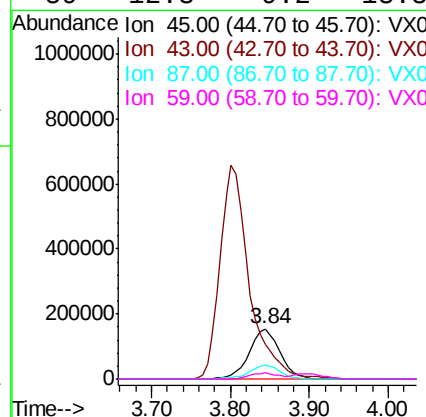
RT: 3.84 min Scan# 485

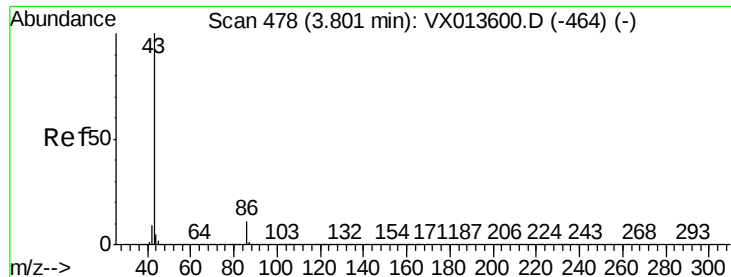
Delta R.T. -0.00 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

Tgt Ion:	45	Resp:	417950
Ion	Ratio	Lower	Upper
45	100		
43	69.6	52.6	79.0
87	28.3	21.1	31.7
59	12.3	9.2	13.8





#23

Vinyl Acetate

Concen: 95.272 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBS02

Tot Ion: 43 Resp: 1701814

Ion Ratio Lower Upper

43 100

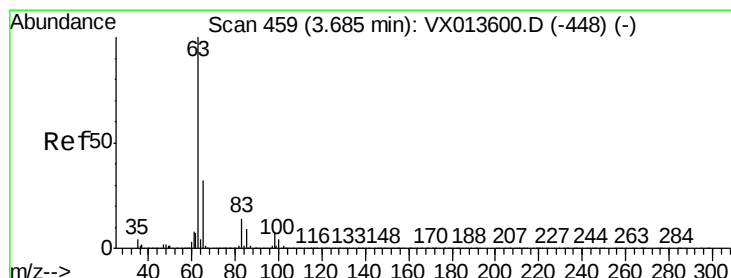
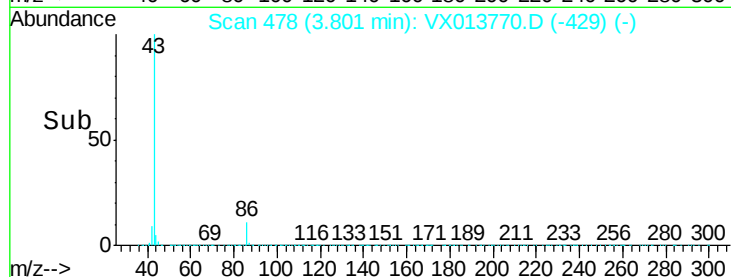
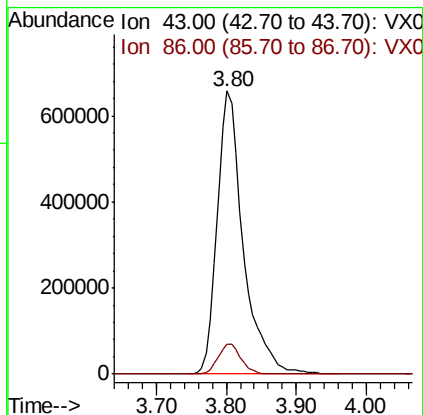
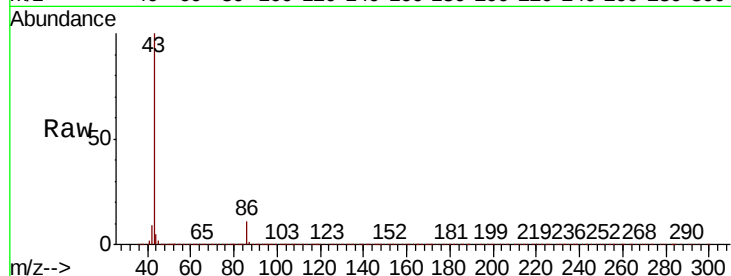
86 10.8 8.7 13.1

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#24

1,1-Dichloroethane

Concen: 19.495 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

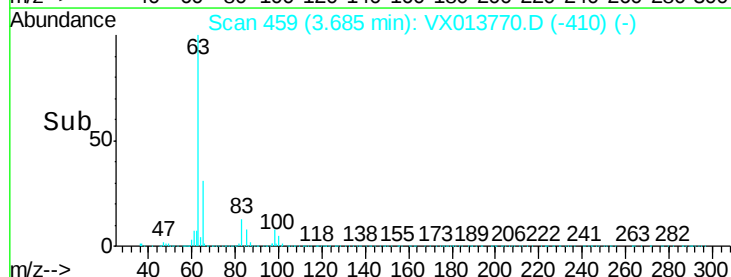
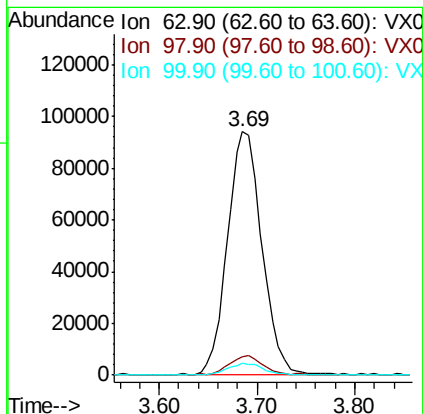
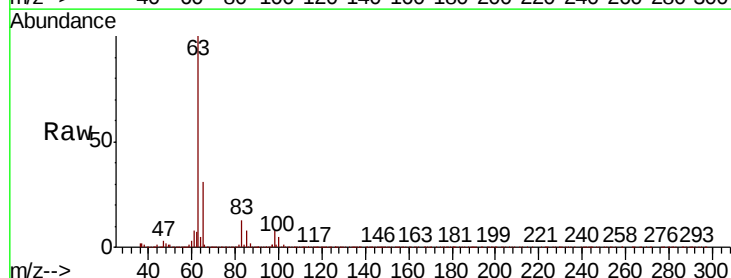
Tgt Ion: 63 Resp: 228829

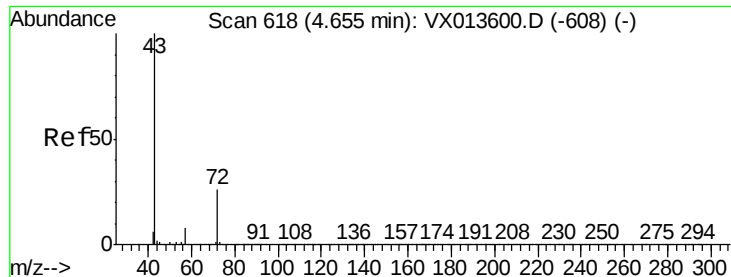
Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.4

100 4.9 2.1 6.3





#25

2-Butanone

Concen: 94.669 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBS02

Tot Ion: 43 Resp: 520626

Ion Ratio Lower Upper

43 100

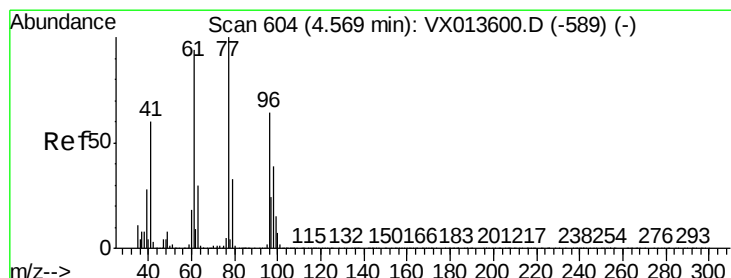
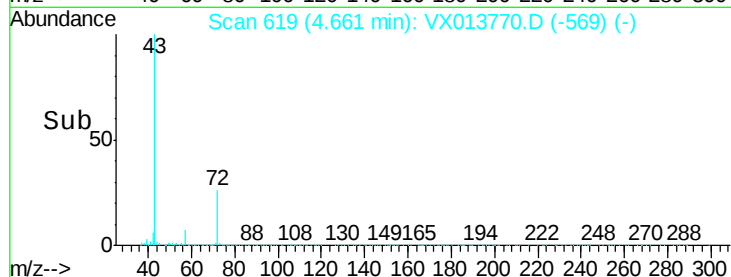
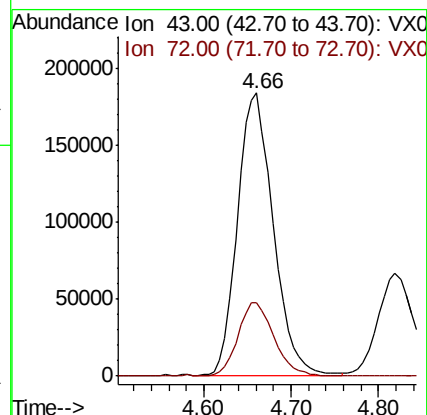
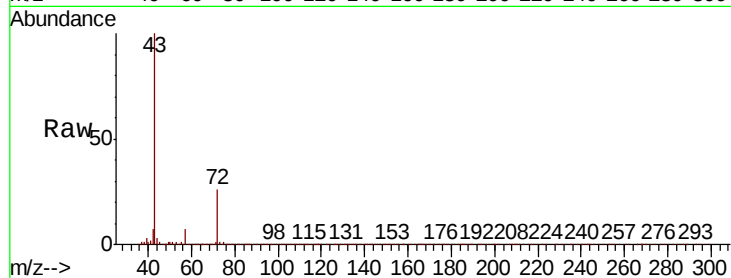
72 25.5 20.6 31.0

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#26

2,2-Dichloropropane

Concen: 18.872 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013770.D

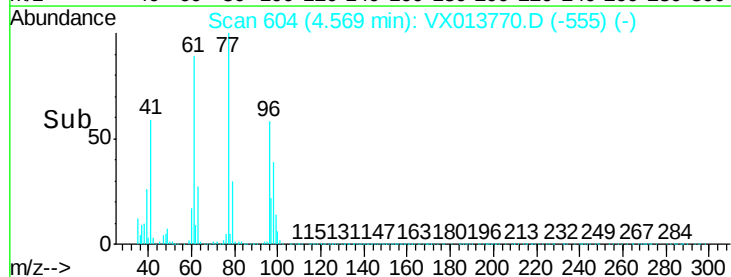
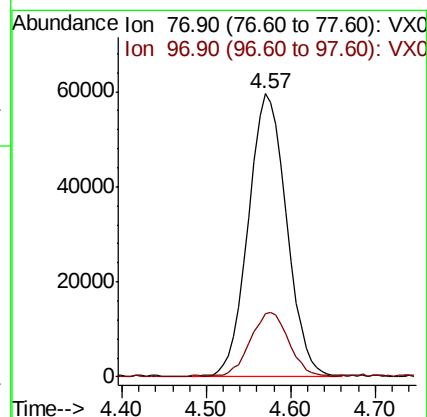
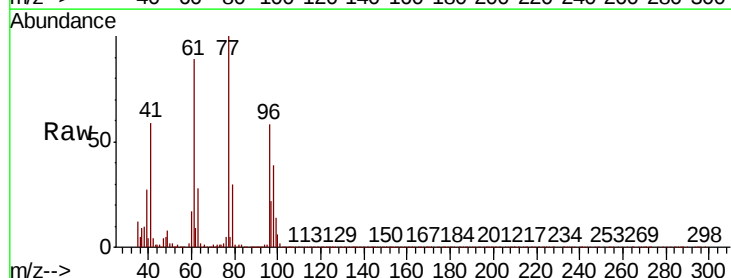
Acq: 05 Dec 2019 12:30

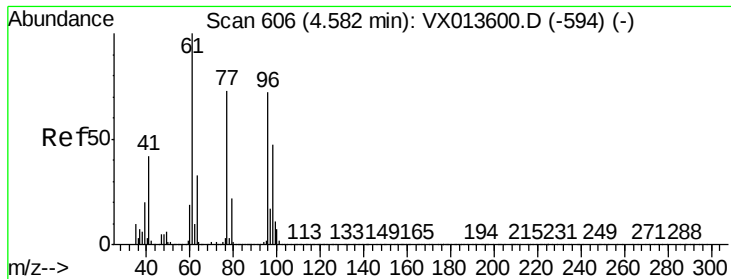
Tgt Ion: 77 Resp: 183278

Ion Ratio Lower Upper

77 100

97 22.7 12.0 36.1





#27

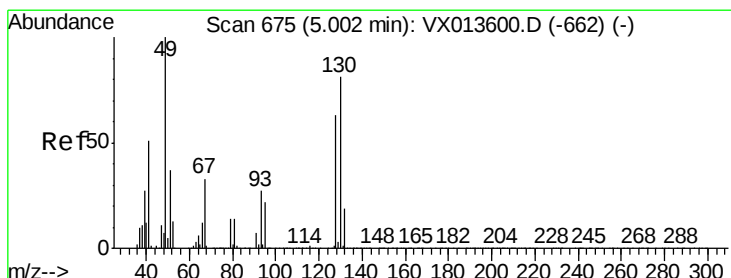
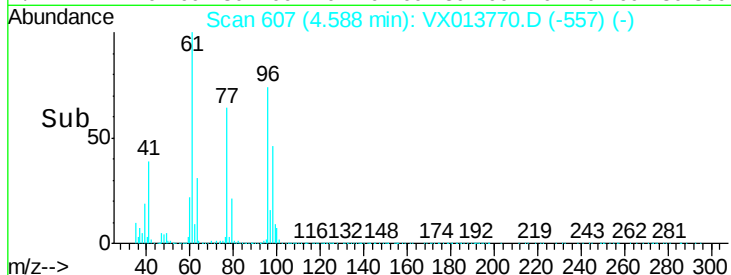
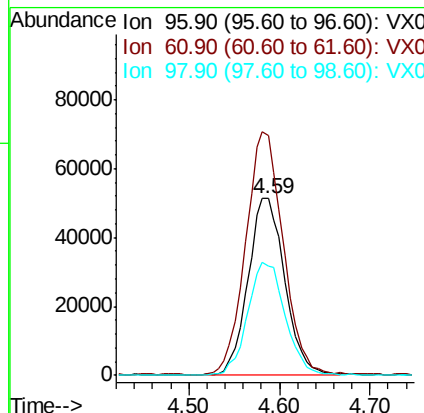
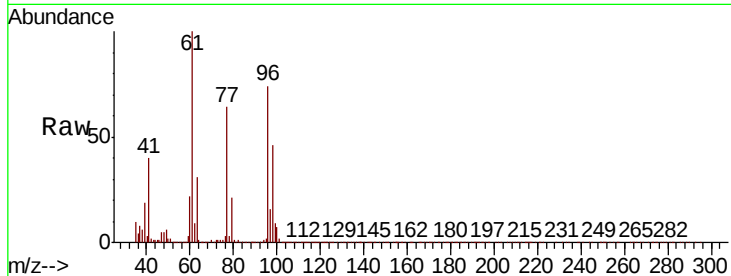
cis-1,2-Dichloroethene
Concen: 18.767 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013770.D
Acq: 05 Dec 2019 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBS02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	144268		
61	140.6	0.0	286.4	
98	65.0	0.0	127.4	

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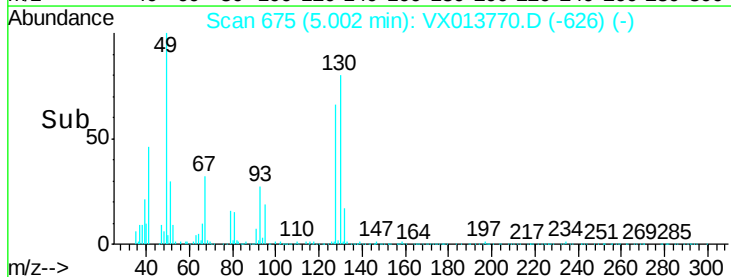
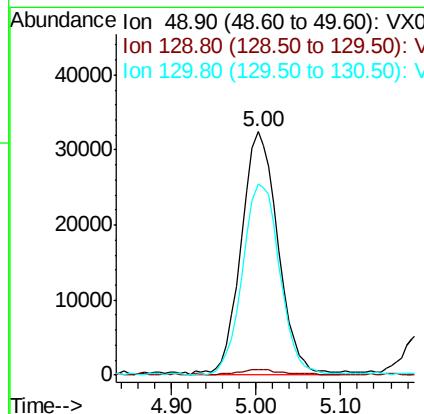
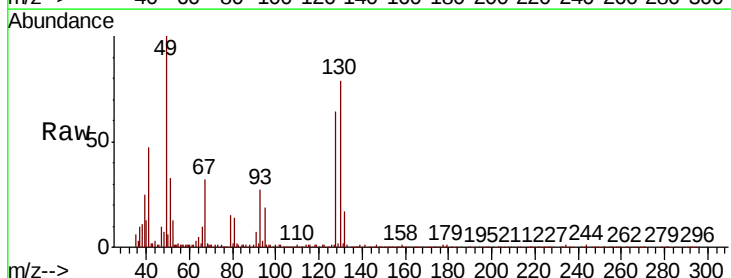
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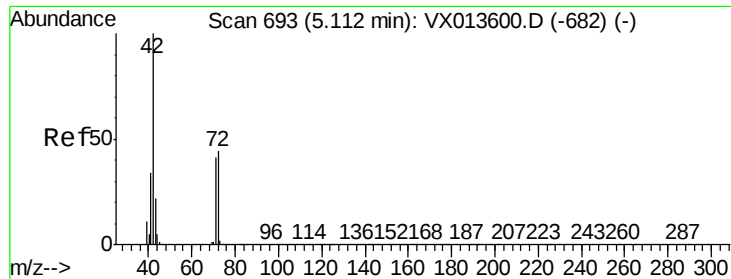


#28

Bromochloromethane
Concen: 20.779 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013770.D
Acq: 05 Dec 2019 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	96418		
129	3.0	0.0	5.0	
130	79.8	65.4	98.0	





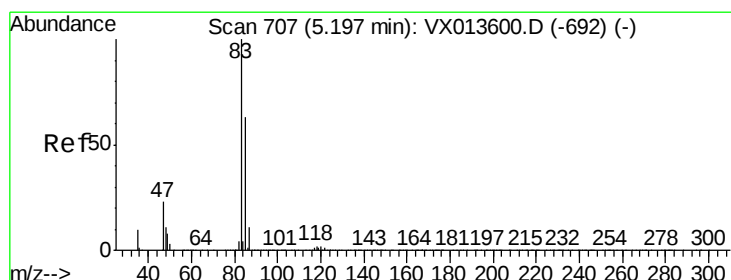
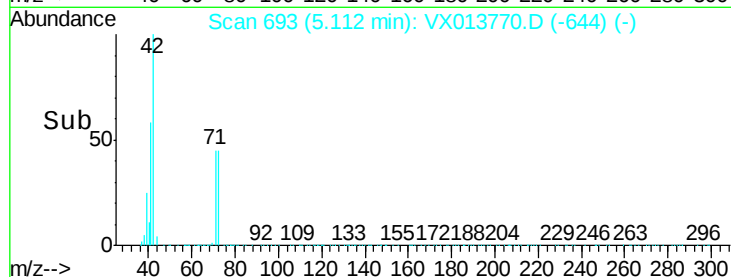
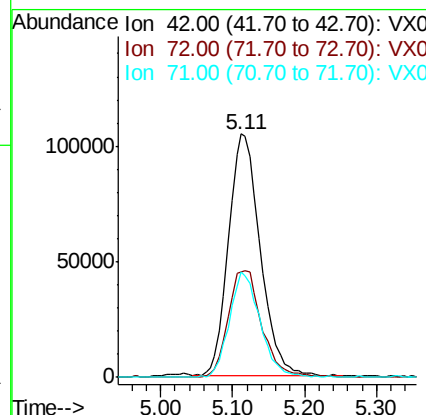
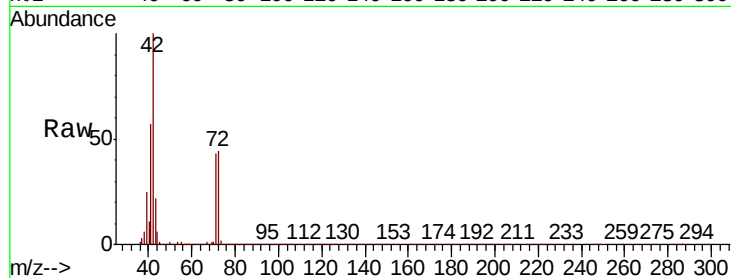
#29
Tetrahydrofuran
Concen: 94.909 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.00 min
Lab File: VX013770.D
Acq: 05 Dec 2019 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.1	36.3	54.5
71	41.9	33.2	49.8

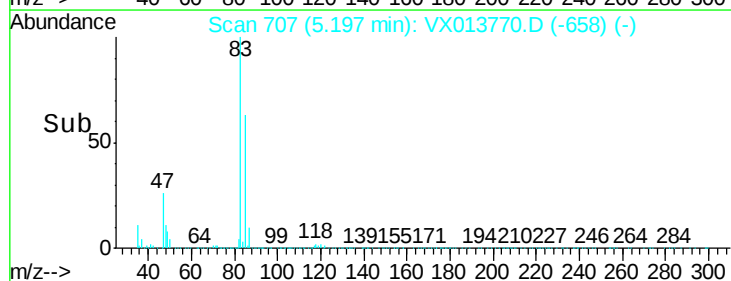
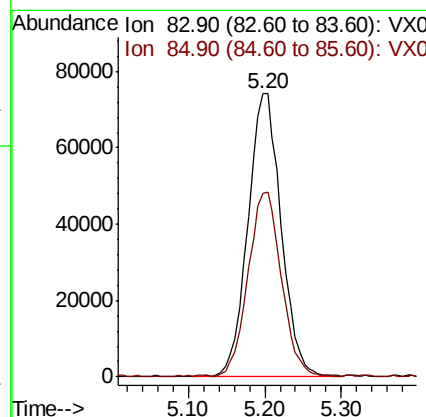
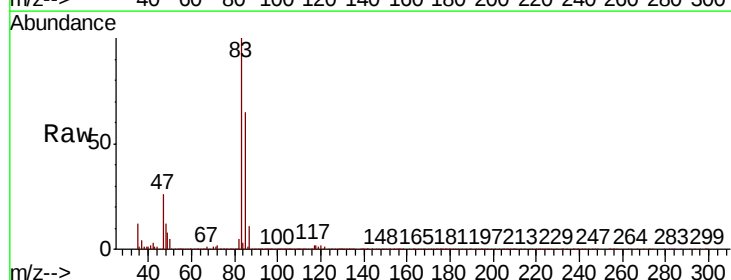
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#30
Chloroform
Concen: 18.743 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013770.D
Acq: 05 Dec 2019 12:30

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	50.2	75.4





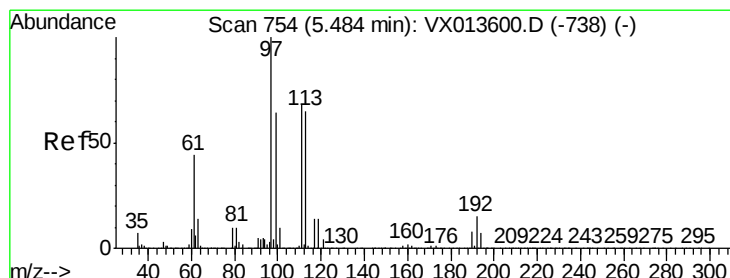
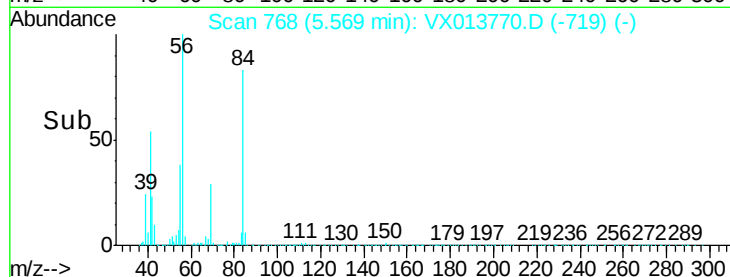
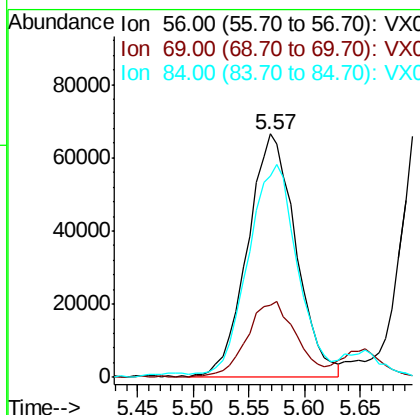
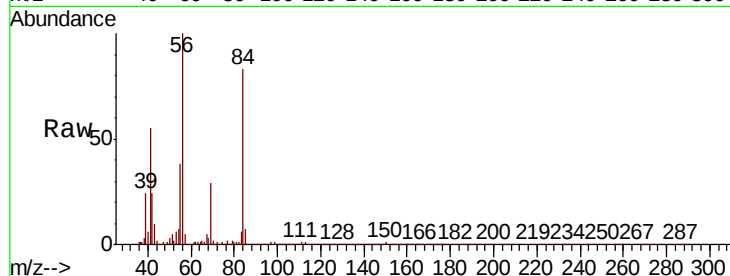
#31
Cyclohexane
Concen: 18.012 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013770.D
Acq: 05 Dec 2019 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.0	24.6	36.8
84	82.1	70.0	105.0

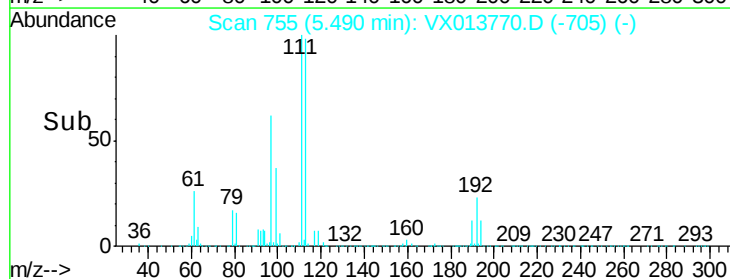
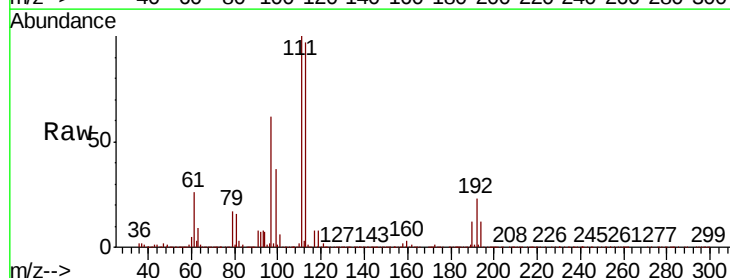
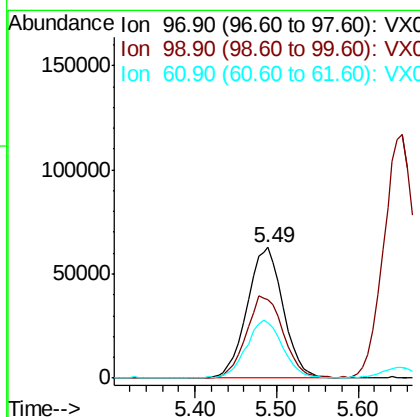
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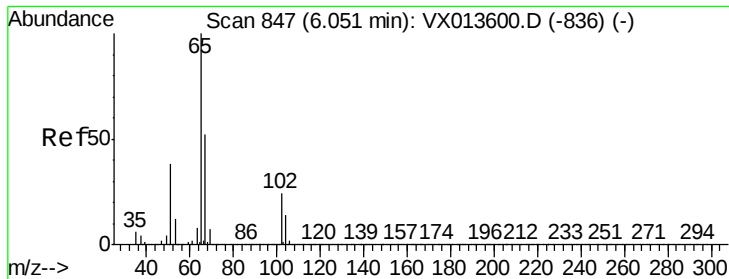
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#32
1,1,1-Trichloroethane
Concen: 19.433 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX013770.D
Acq: 05 Dec 2019 12:30

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.6	77.4
61	44.8	36.1	54.1





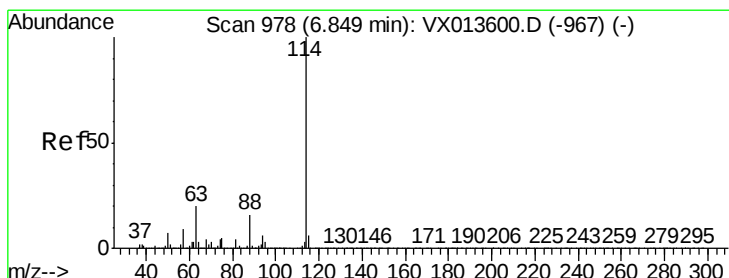
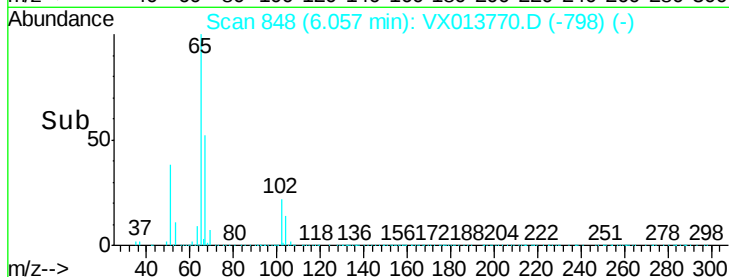
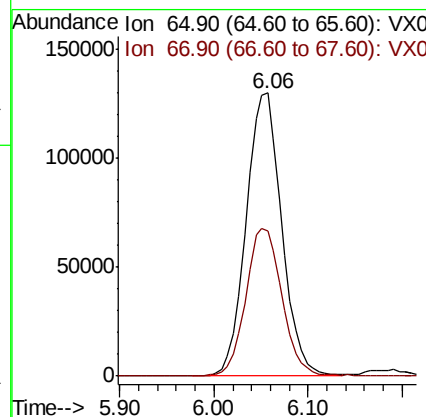
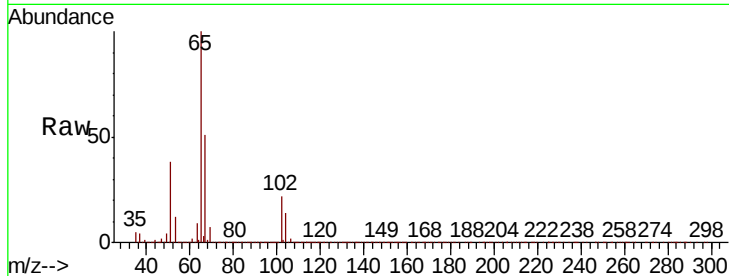
#33
 1,2-Dichloroethane-d4
 Concen: 45.366 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX013770.D
 Acq: 05 Dec 2019 12:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205WBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	340016		
67	53.4	0.0	104.4	

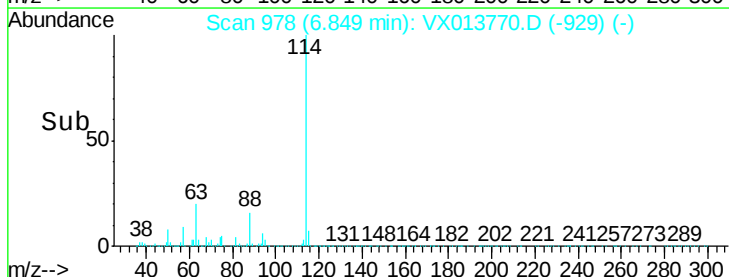
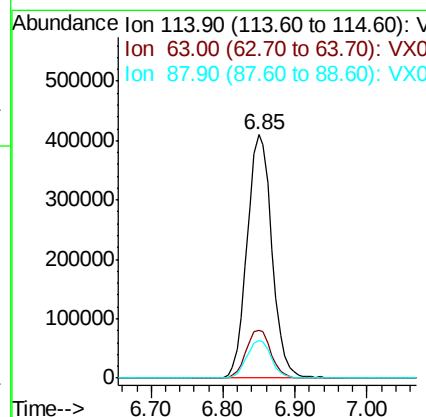
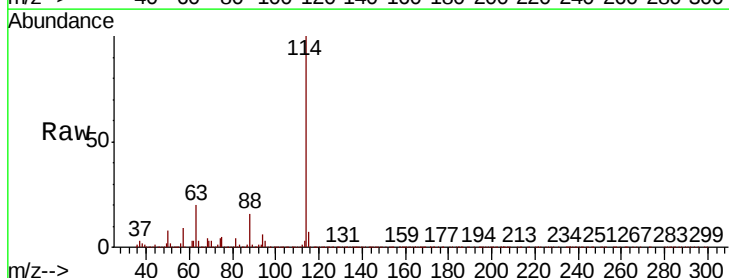
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013770.D
 Acq: 05 Dec 2019 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	979976		
63	19.7	0.0	39.6	
88	15.6	0.0	31.4	





#35

Dibromofluoromethane

Concen: 47.088 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

Instrument :

MSVOA_X

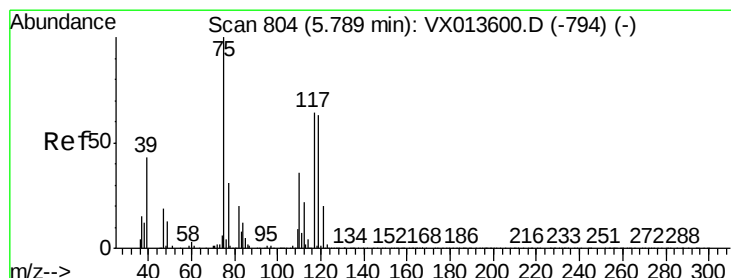
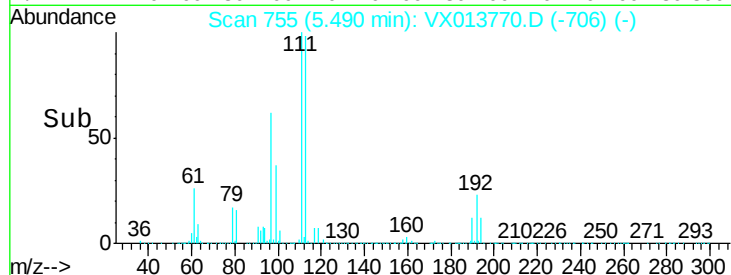
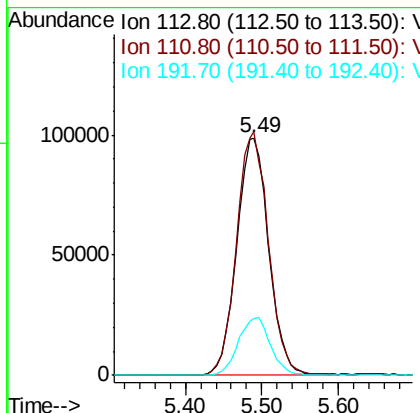
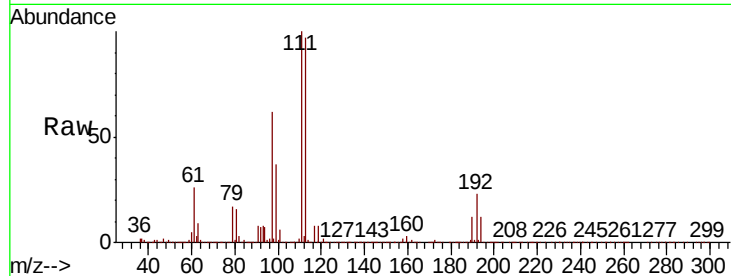
ClientSampleId :

VX1205WBS02

Tot Ion:	113	Resp:	285272
Ion Ratio	Lower	Upper	
113	100		
111	102.2	83.6	125.4
192	24.2	19.2	28.8

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#36

1,1-Dichloropropene

Concen: 18.601 ug/l

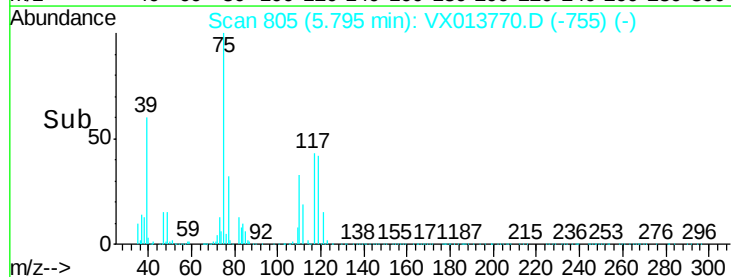
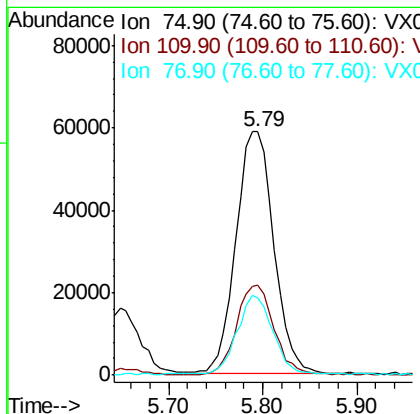
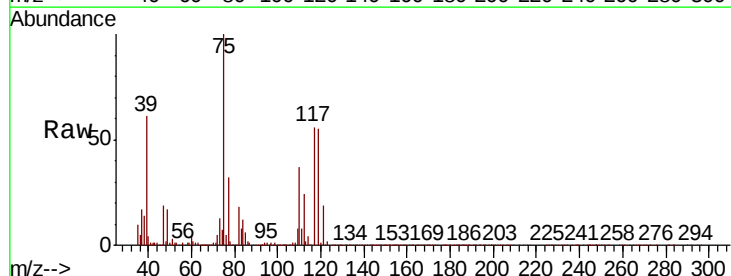
RT: 5.79 min Scan# 805

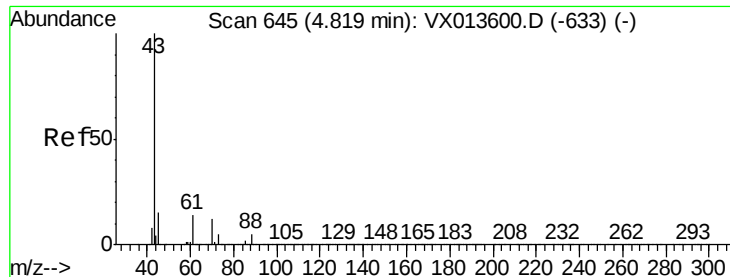
Delta R.T. 0.01 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

Tgt Ion:	75	Resp:	165470
Ion Ratio	Lower	Upper	
75	100		
110	36.6	18.1	54.1
77	30.0	24.5	36.7





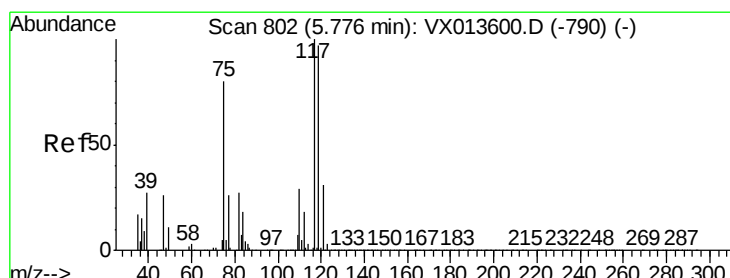
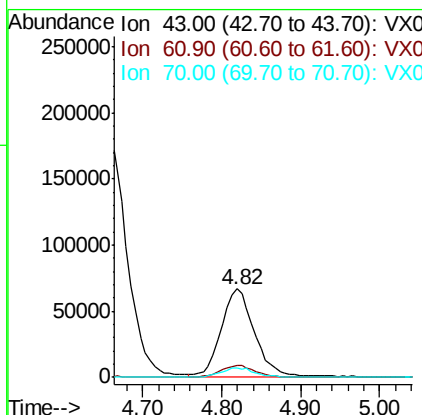
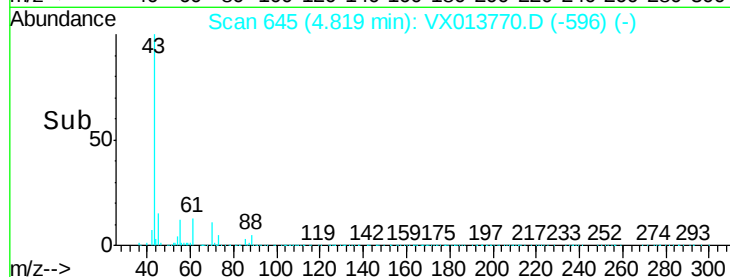
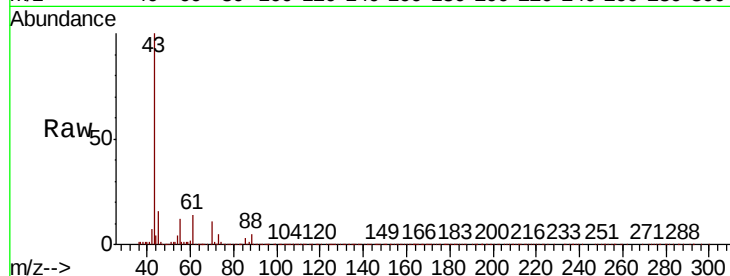
#37
Ethyl Acetate
Concen: 19.295 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013770.D
Acq: 05 Dec 2019 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.0	16.4
70	10.7	8.6	12.8

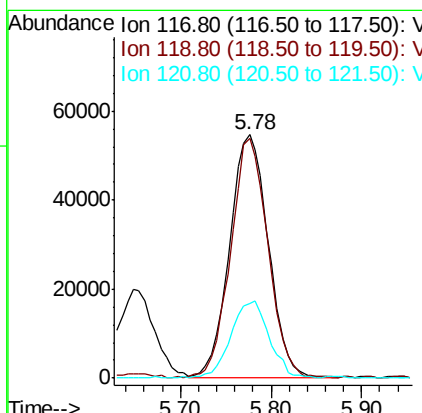
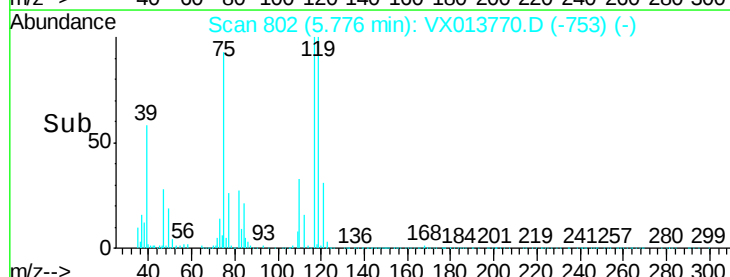
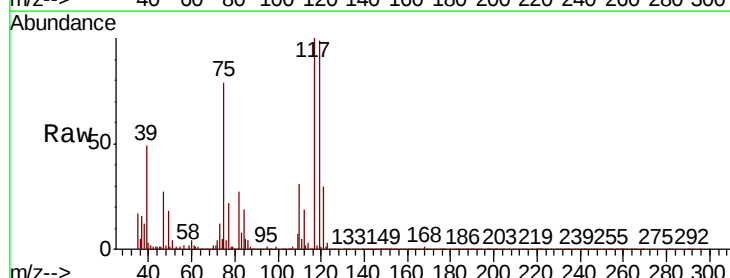
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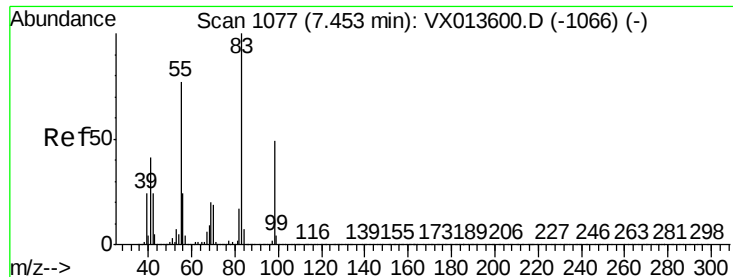
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#38
Carbon Tetrachloride
Concen: 19.704 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013770.D
Acq: 05 Dec 2019 12:30

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.7	77.5	116.3
121	30.3	25.0	37.6





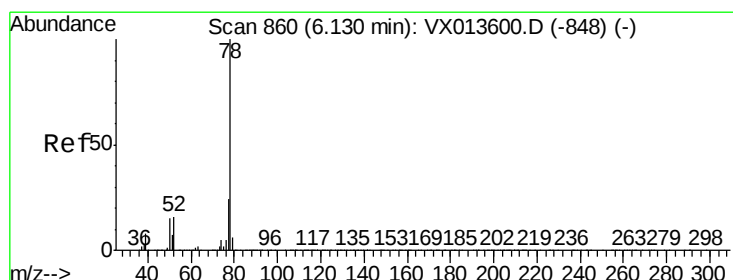
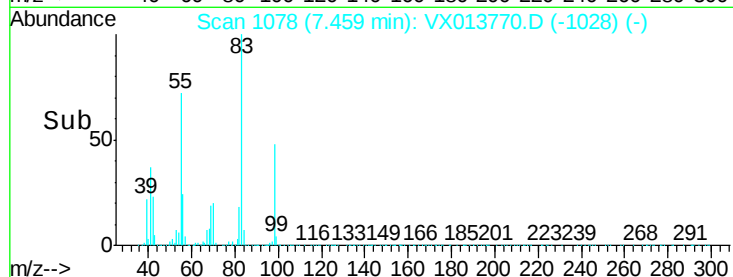
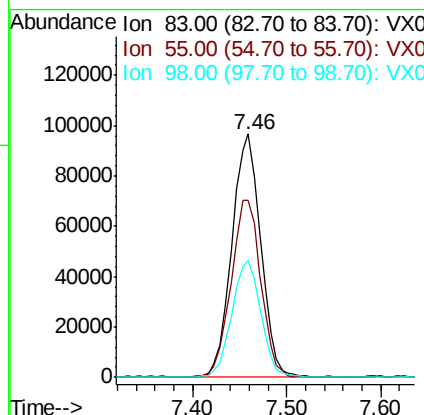
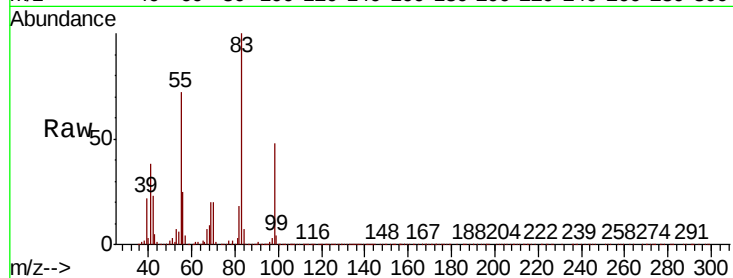
#39
Methvlcvclohexane
Concen: 18.670 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013770.D
Acq: 05 Dec 2019 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.3	61.9	92.9
98	47.6	39.4	59.0

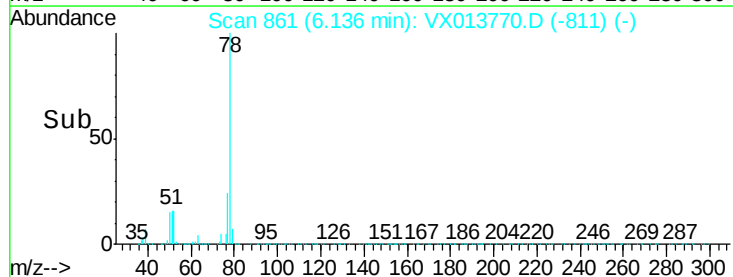
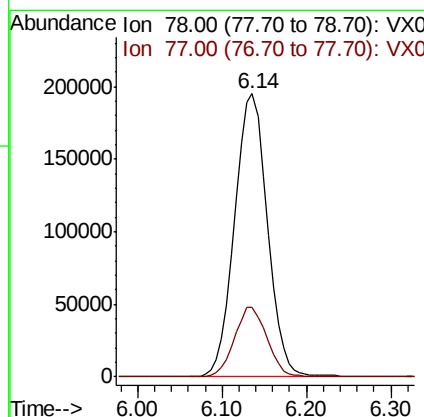
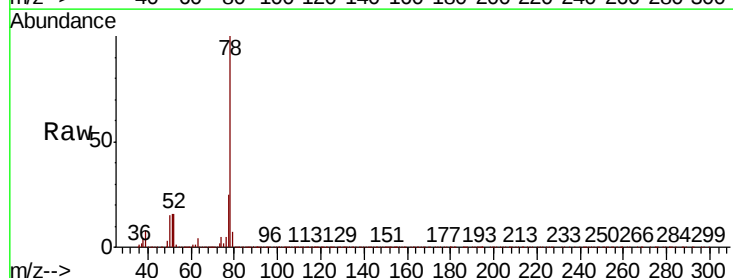
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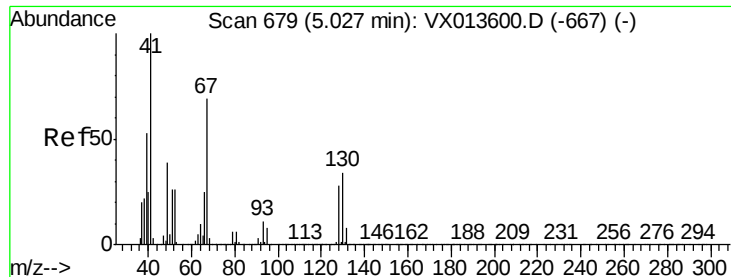
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#40
Benzene
Concen: 18.927 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013770.D
Acq: 05 Dec 2019 12:30

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.0	28.4





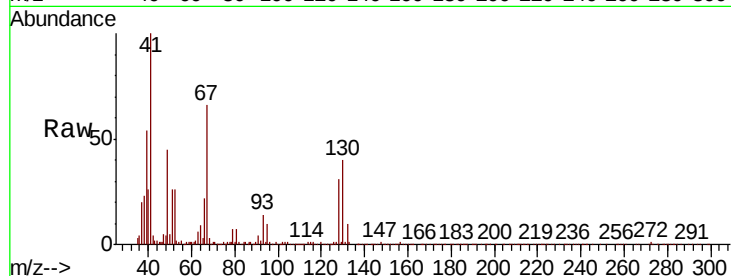
#41
Methacrylonitrile
Concen: 19.605 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX013770.D
Acq: 05 Dec 2019 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBS02

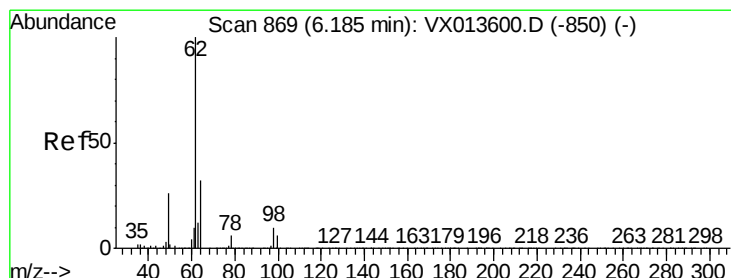
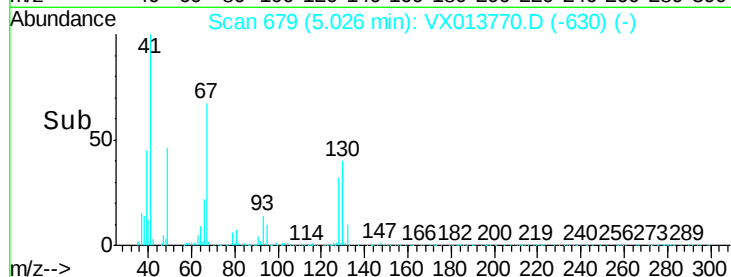
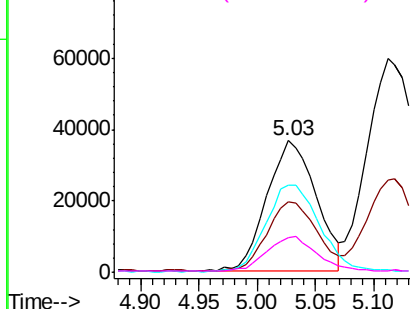
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.3	42.9	64.3	
67	74.8	57.4	86.0	
52	26.3	22.4	33.6	

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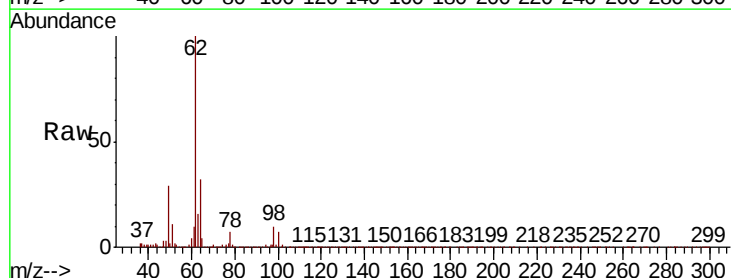


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

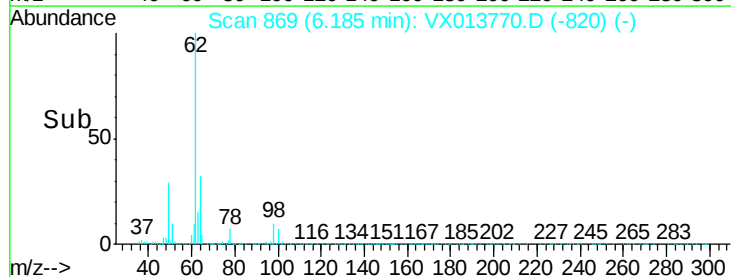
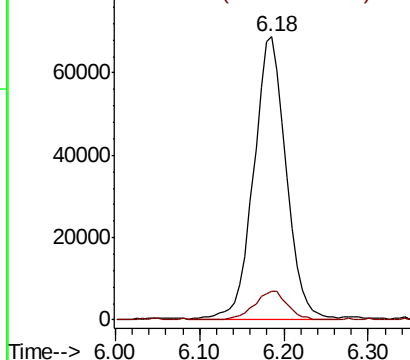


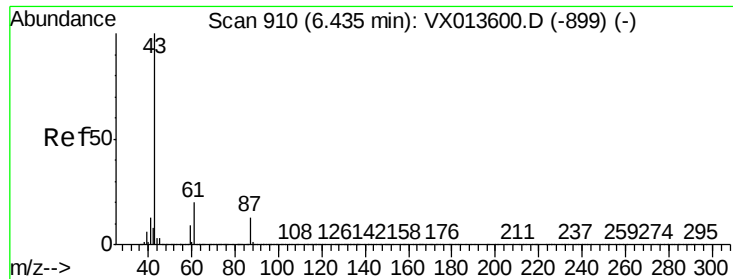
#42
1,2-Dichloroethane
Concen: 19.516 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX013770.D
Acq: 05 Dec 2019 12:30

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.1	0.0	20.8	



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

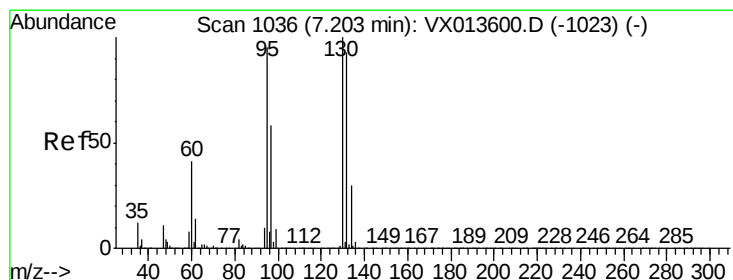
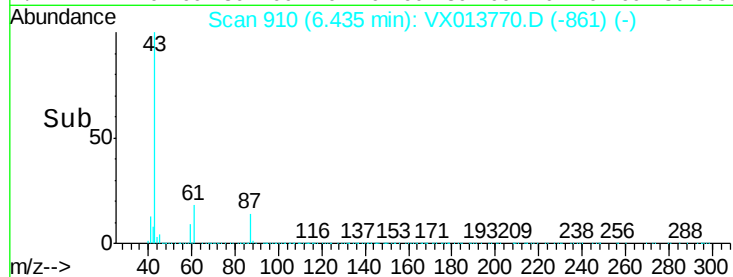
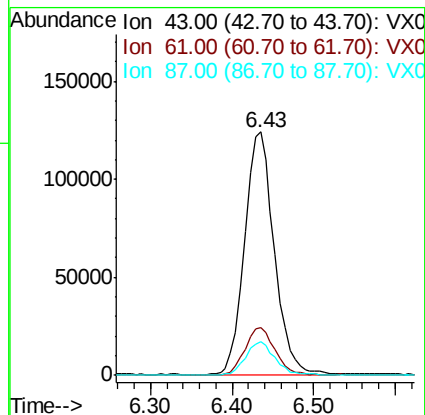
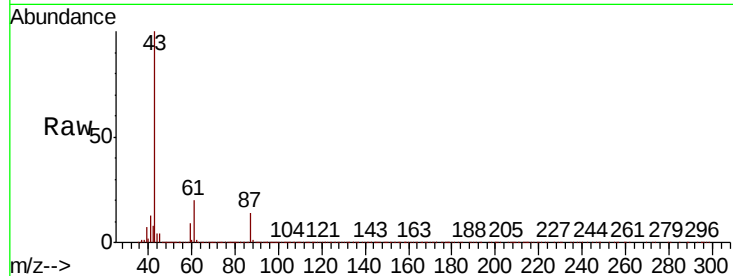
Isopropyl Acetate
 Concen: 18.940 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: VX013770.D
 Acq: 05 Dec 2019 12:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.8	16.3	24.5
87	13.7	10.8	16.2

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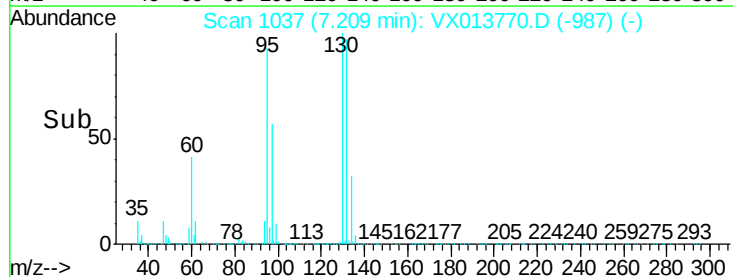
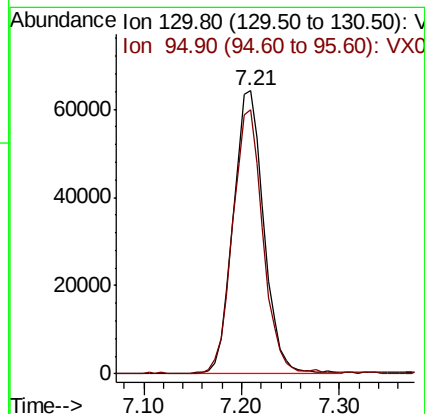
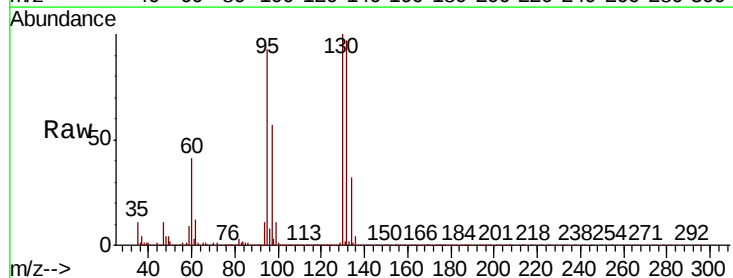
apatel
 12/6/2019 9:36:07 AM



#44

Trichloroethene
 Concen: 18.673 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX013770.D
 Acq: 05 Dec 2019 12:30

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.3	0.0	190.8





#45

1,2-Dichloropropane

Concen: 20.003 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBS02

Tot Ion: 63 Resp: 135592

Ion Ratio Lower Upper

63 100

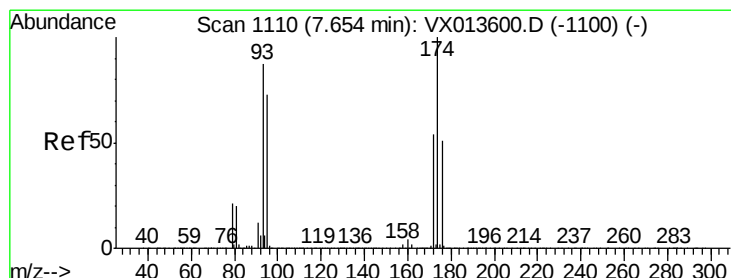
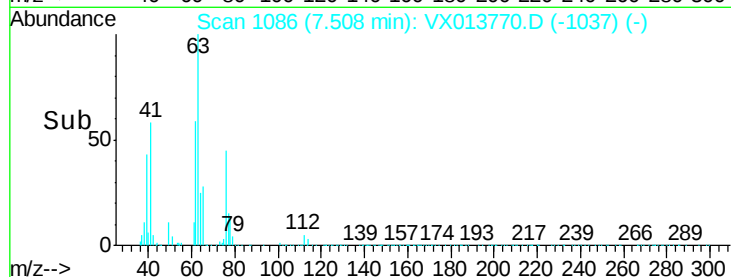
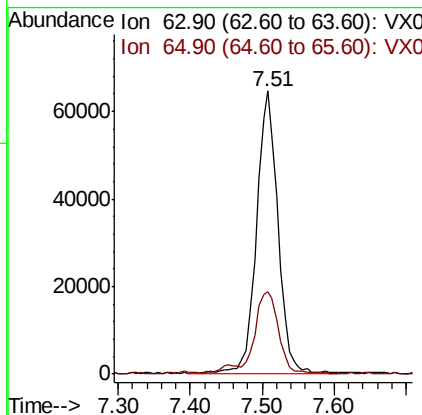
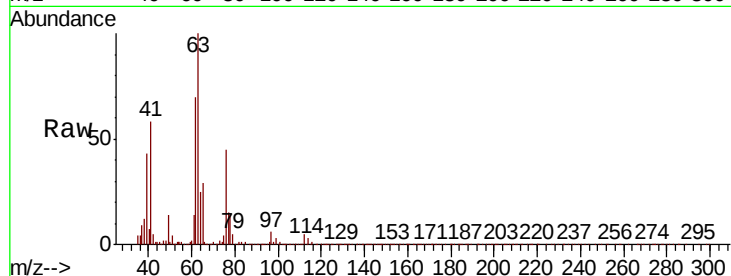
65 28.7 25.5 38.3

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#46

Dibromomethane

Concen: 18.601 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

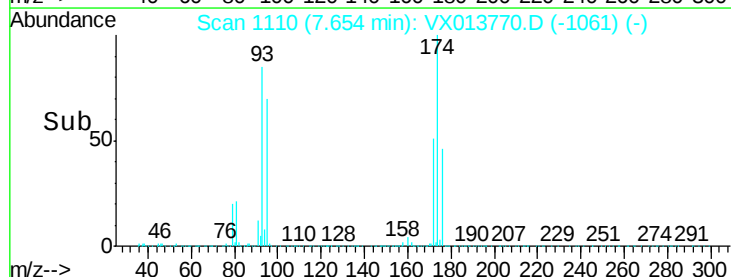
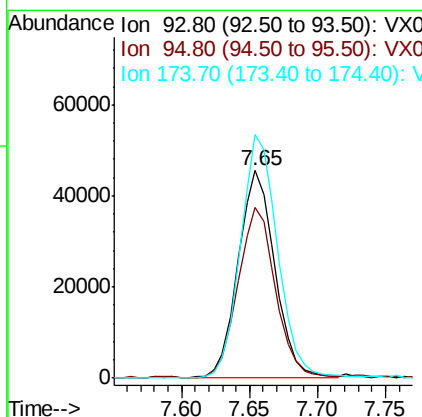
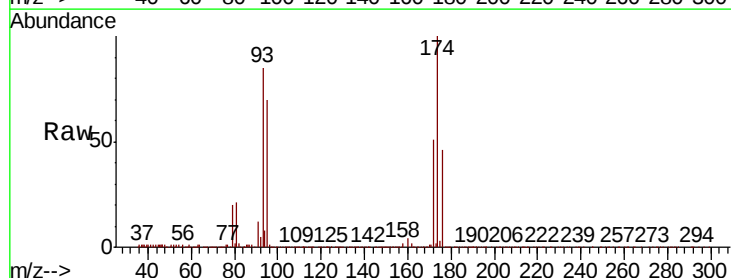
Tgt Ion: 93 Resp: 85639

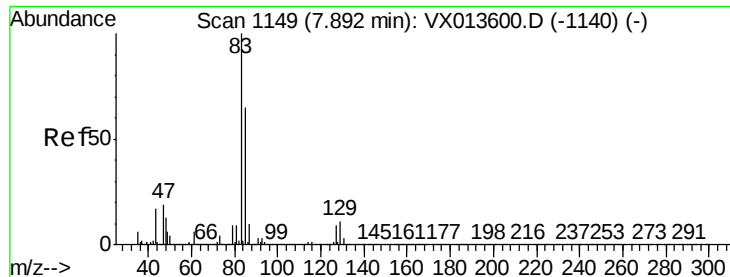
Ion Ratio Lower Upper

93 100

95 83.3 66.2 99.2

174 120.2 93.4 140.0





#47

Bromodichloromethane

Concen: 19.612 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

Instrument :

MSVOA_X

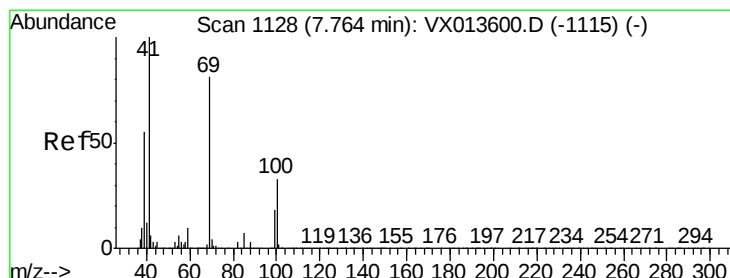
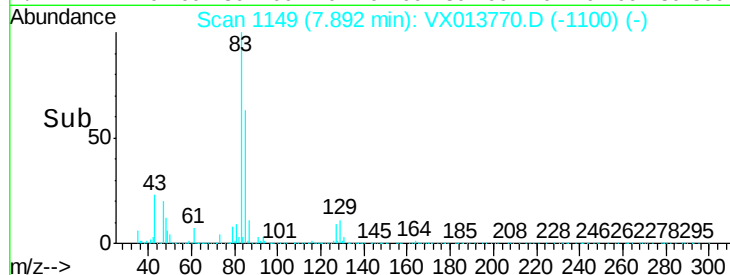
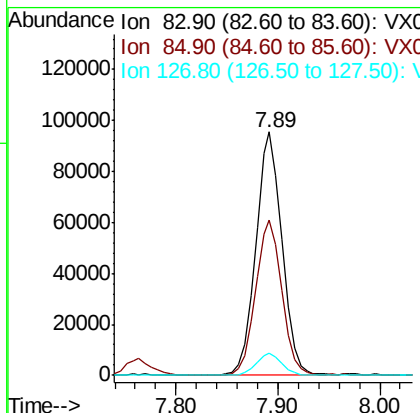
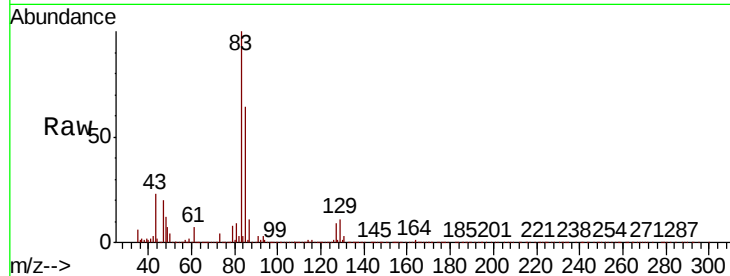
ClientSampleId :

VX1205WBS02

Tot Ion:	83	Resp:	170692
Ion	Ratio	Lower	Upper
83	100		
85	63.4	52.1	78.1
127	8.7	7.0	10.4

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#48

Methyl methacrylate

Concen: 19.417 ug/l

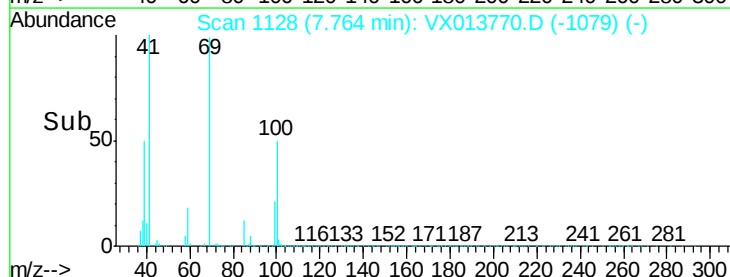
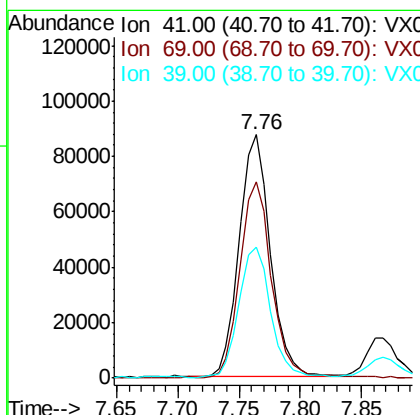
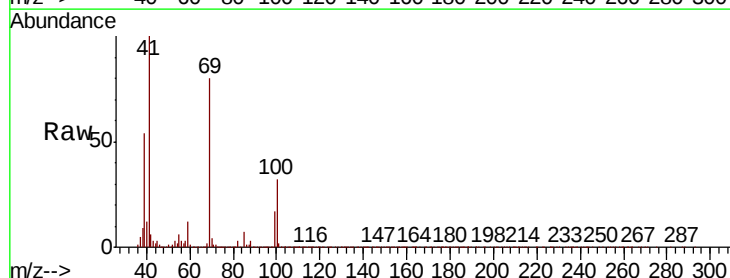
RT: 7.76 min Scan# 1128

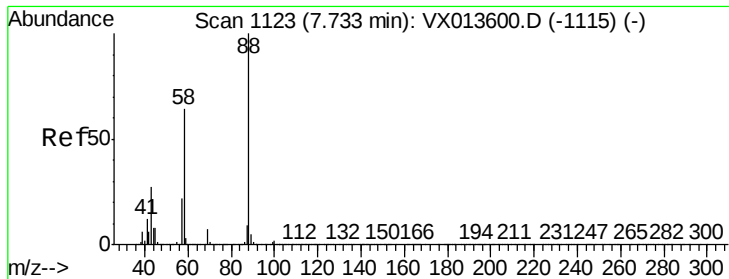
Delta R.T. -0.00 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

Tgt Ion:	41	Resp:	154998
Ion	Ratio	Lower	Upper
41	100		
69	83.5	64.7	97.1
39	56.2	43.8	65.6





#49

1,4-Dioxane

Concen: 348.148 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

Instrument :

MSVOA_X

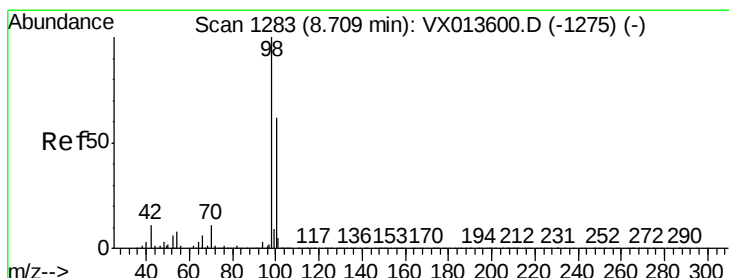
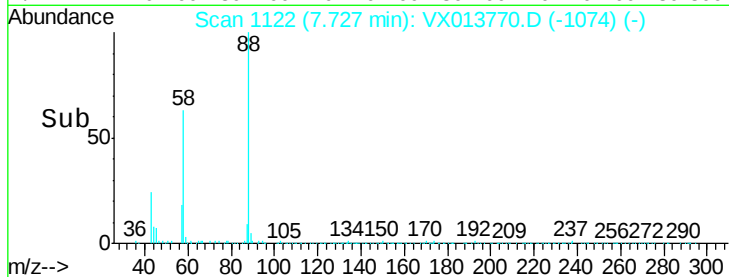
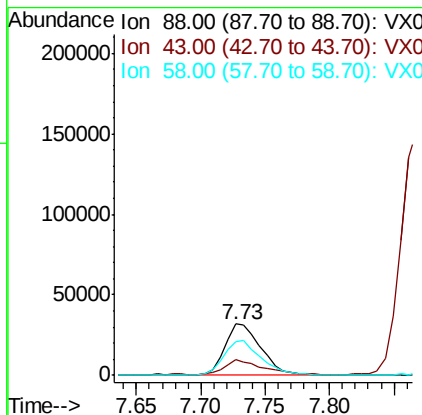
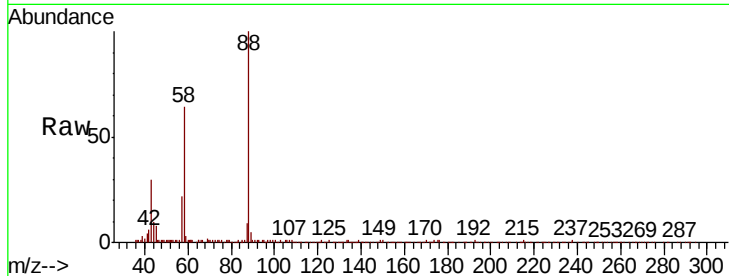
ClientSampleId :

VX1205WBS02

Tot Ion:	88	Resp:	62209
Ion	Ratio	Lower	Upper
88	100		
43	30.6	25.8	38.6
58	71.9	54.6	82.0

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#50

Toluene-d8

Concen: 46.206 ug/l

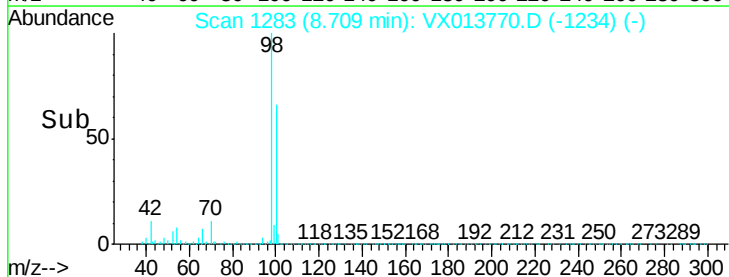
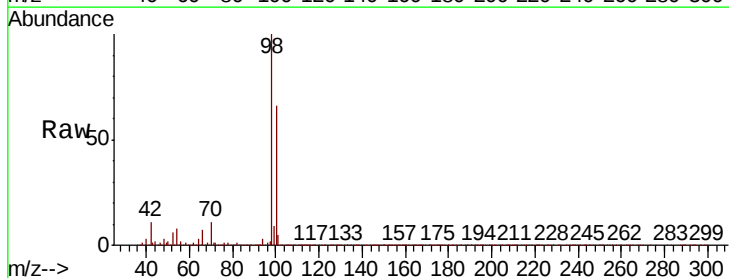
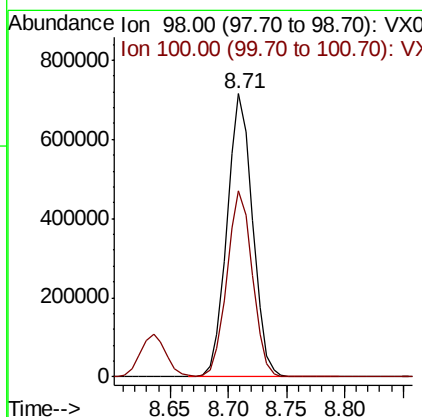
RT: 8.71 min Scan# 1283

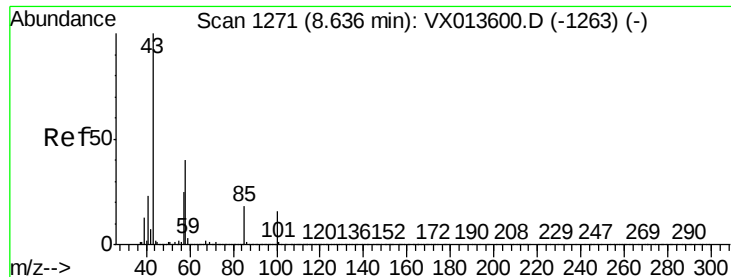
Delta R.T. -0.00 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

Tgt Ion:	98	Resp:	1090649
Ion	Ratio	Lower	Upper
98	100		
100	65.2	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 95.960 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBS02

Tot Ion: 43 Resp: 991717

Ion Ratio Lower Upper

43 100

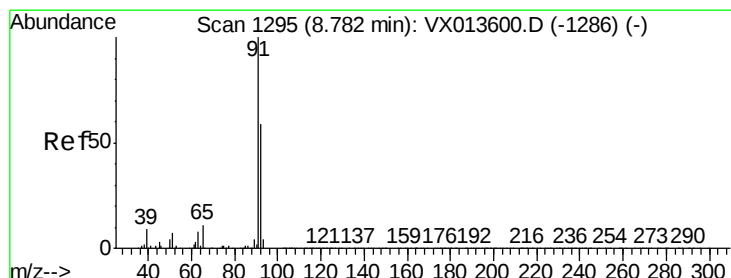
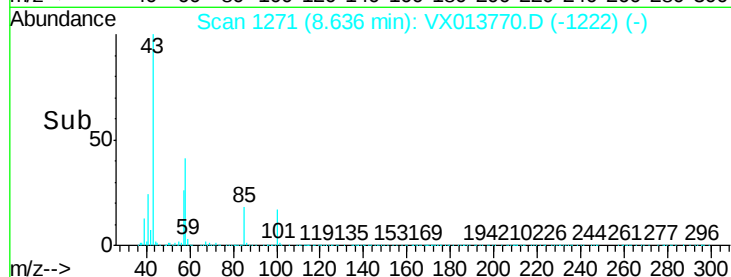
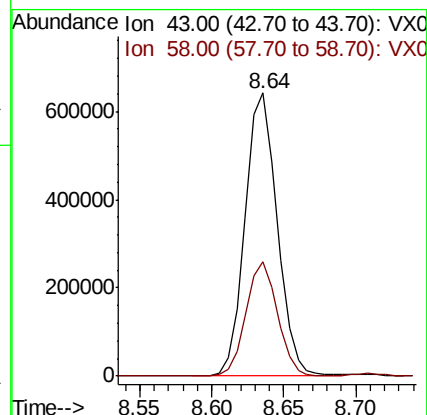
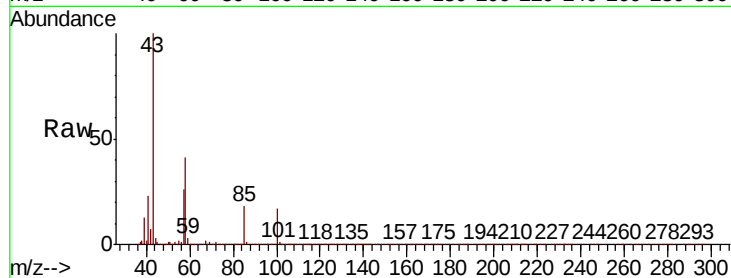
58 39.7 32.1 48.1

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#52

Toluene

Concen: 19.325 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX013770.D

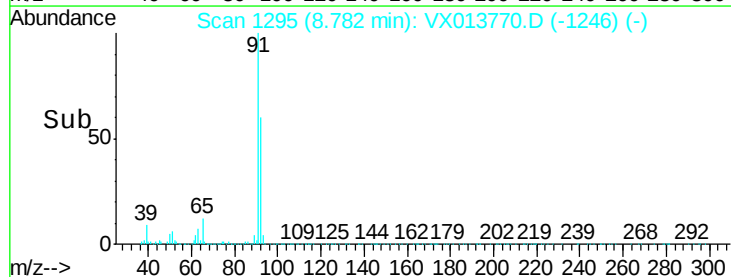
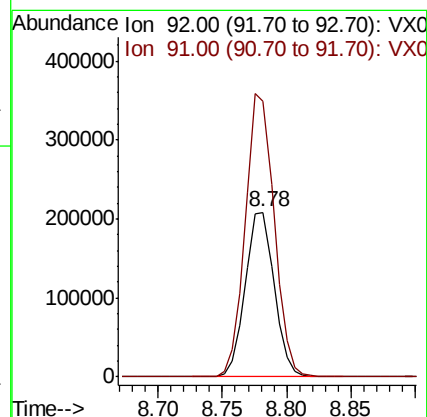
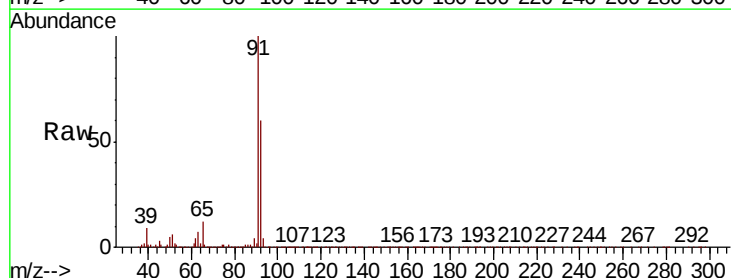
Acq: 05 Dec 2019 12:30

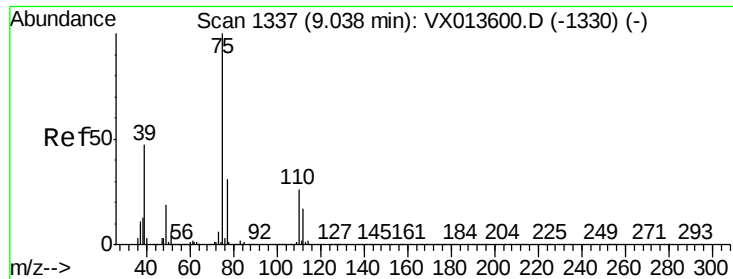
Tgt Ion: 92 Resp: 325269

Ion Ratio Lower Upper

92 100

91 171.0 136.2 204.2





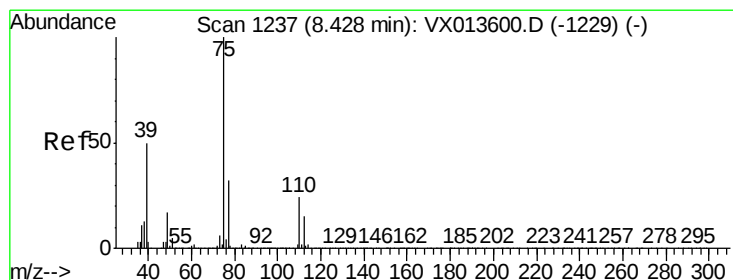
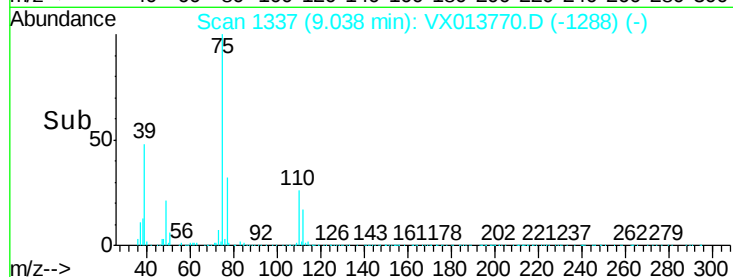
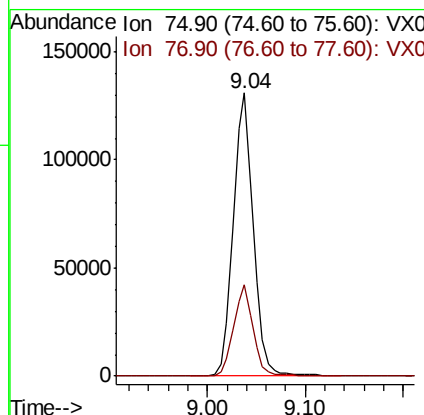
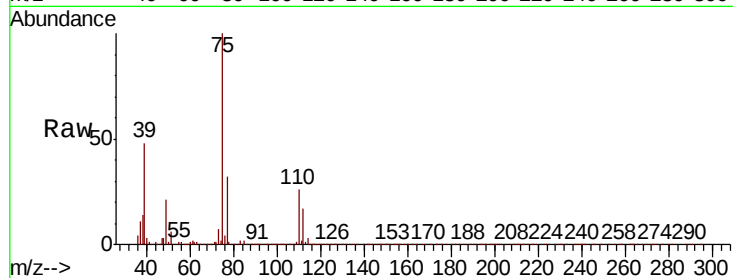
#53
t-1,3-Dichloropropene
Concen: 18.722 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX013770.D
Acq: 05 Dec 2019 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.0	24.4	36.6

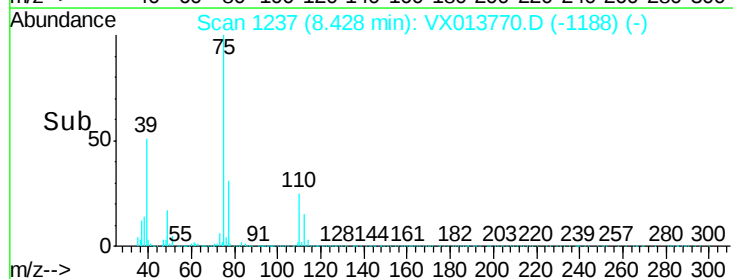
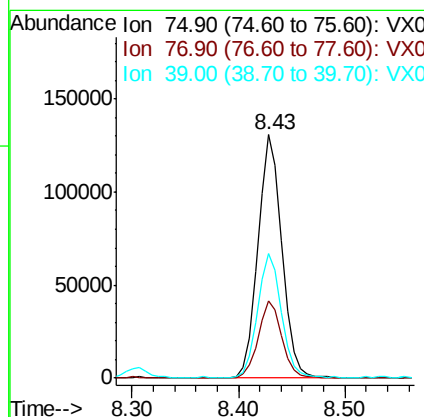
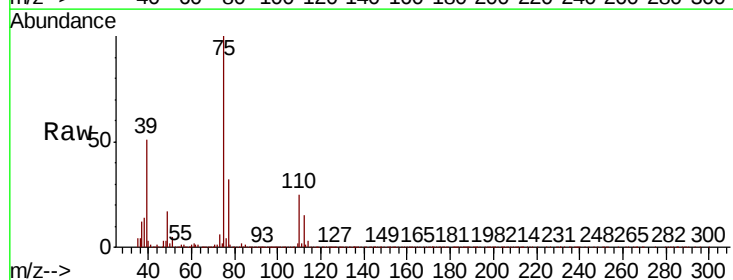
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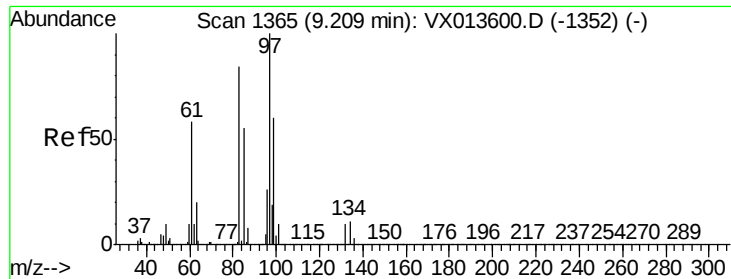
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#54
cis-1,3-Dichloropropene
Concen: 19.043 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013770.D
Acq: 05 Dec 2019 12:30

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.8	38.6
39	50.7	39.9	59.9





#55

1,1,2-Trichloroethane

Concen: 19.900 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

Instrument :

MSVOA_X

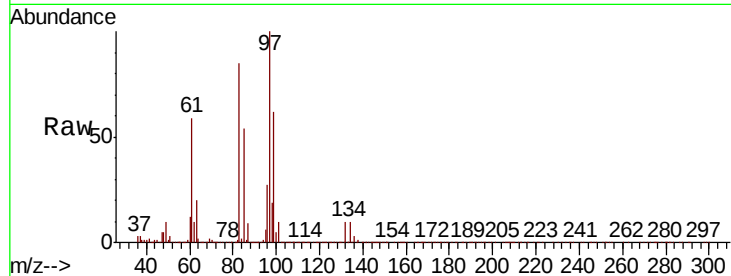
ClientSampleId :

VX1205WBS02

Tot Ion:	97	Resp:	134979
Ion	Ratio	Lower	Upper
97	100		
83	84.9	67.3	100.9
85	53.9	43.6	65.4
99	61.8	48.2	72.4

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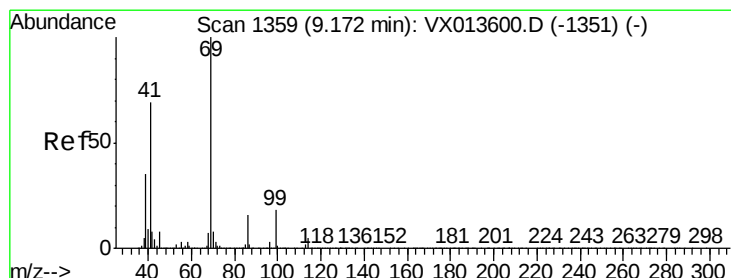
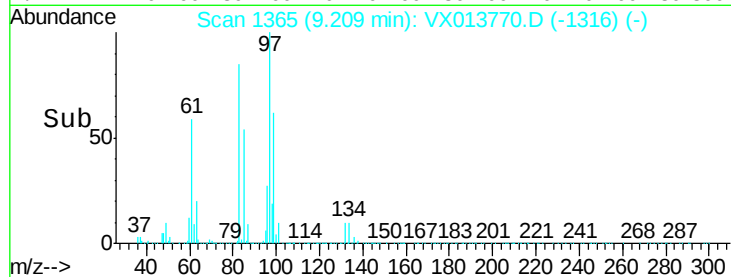
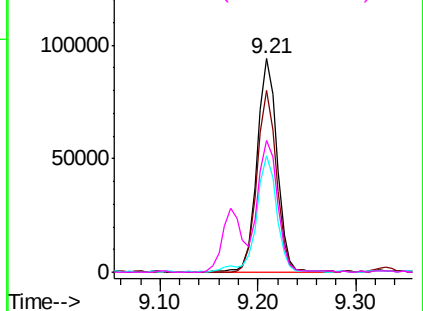
Abundance

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: 19.608 ug/l

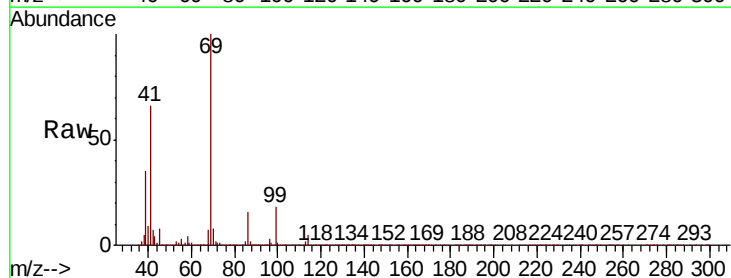
RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

Tgt Ion:	69	Resp:	213821
Ion	Ratio	Lower	Upper
69	100		
41	66.0	55.0	82.4
39	35.6	28.7	43.1

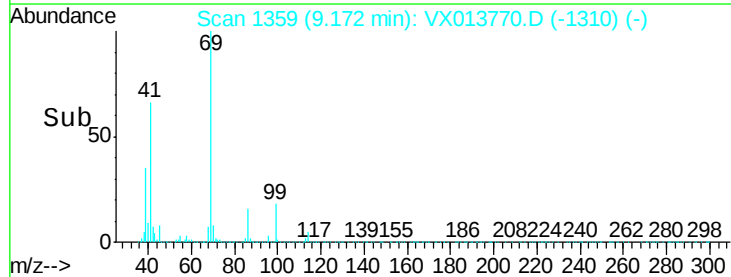
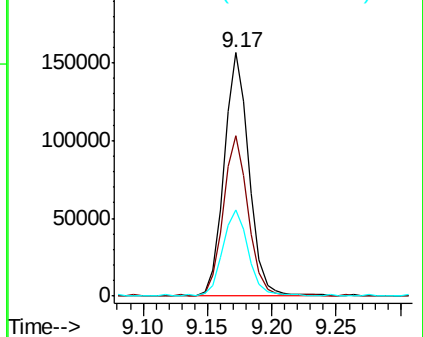


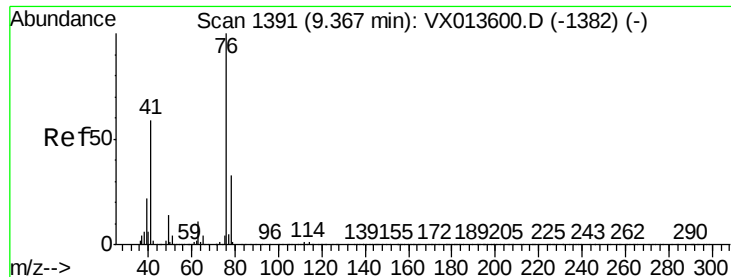
Abundance

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: 19.038 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBS02

Tot Ion: 76 Resp: 222582

Ion Ratio Lower Upper

76 100

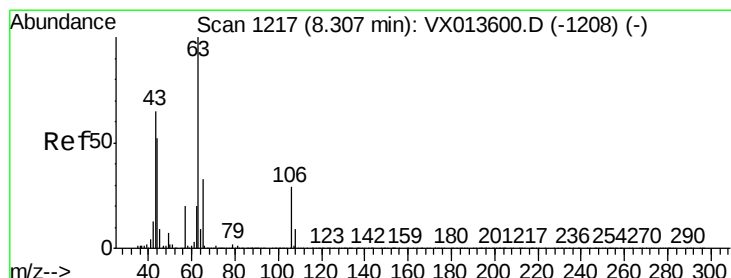
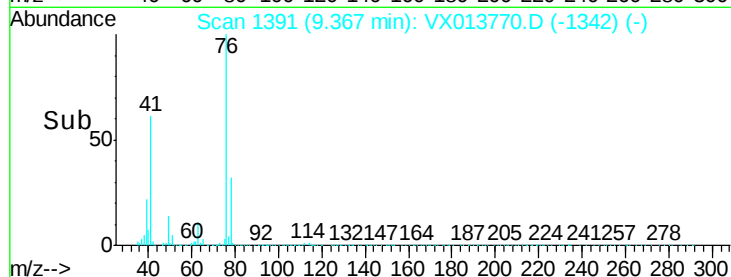
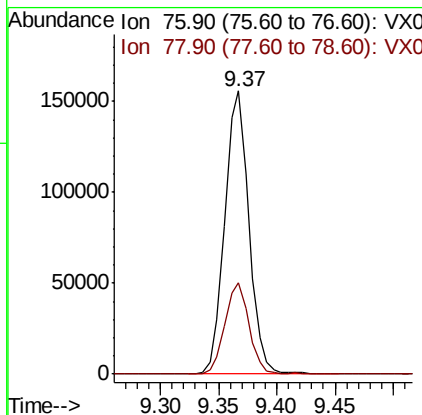
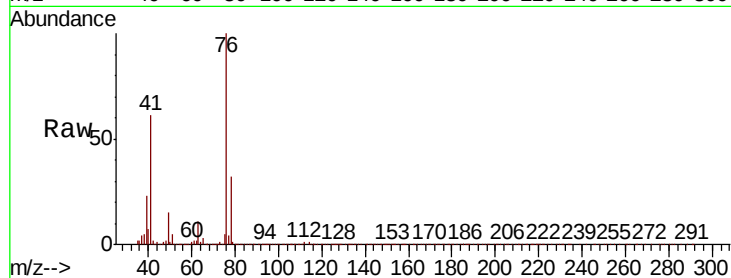
78 32.3 26.0 39.0

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#58

2-Chloroethyl Vinyl ether

Concen: 87.892 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX013770.D

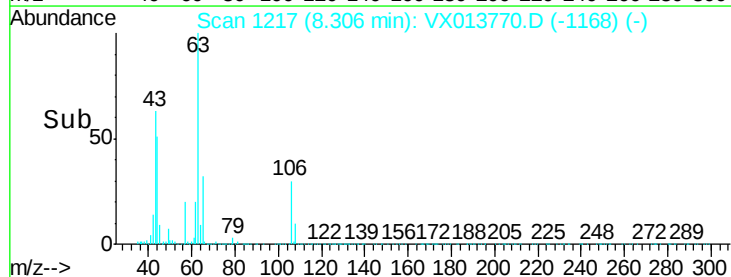
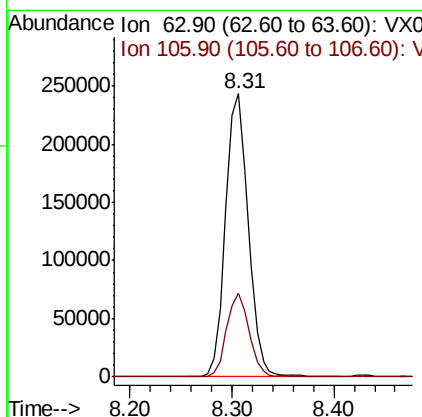
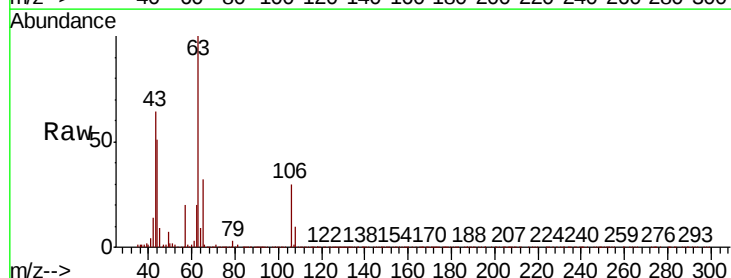
Acq: 05 Dec 2019 12:30

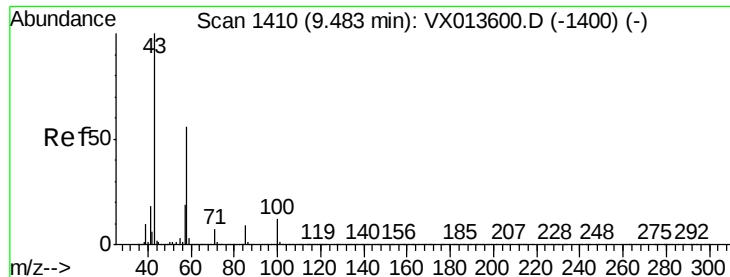
Tgt Ion: 63 Resp: 375787

Ion Ratio Lower Upper

63 100

106 29.1 23.4 35.0





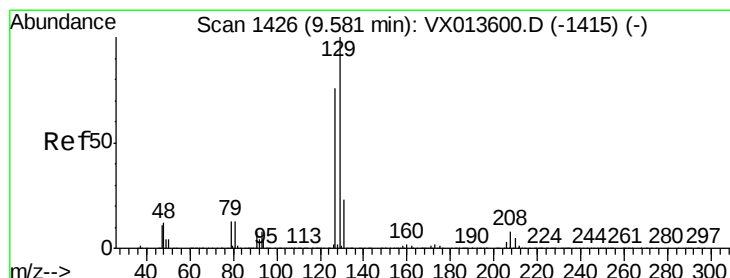
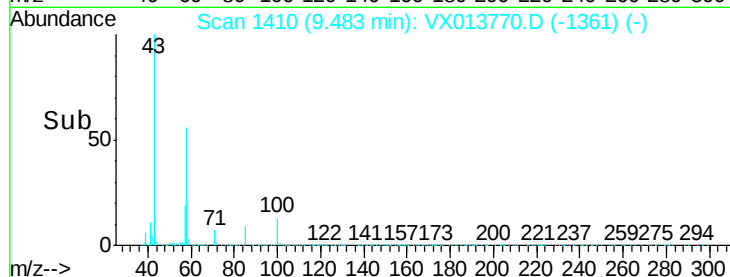
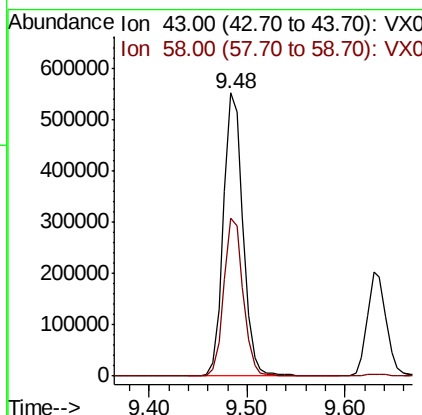
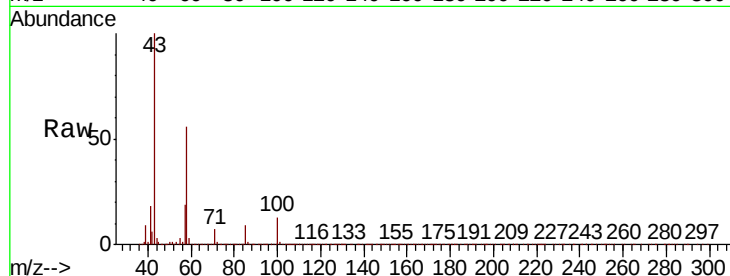
#59
2-Hexanone
Concen: 94.751 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX013770.D
Acq: 05 Dec 2019 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.3	28.1	84.4

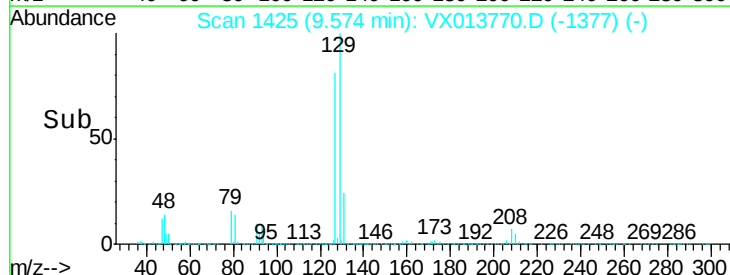
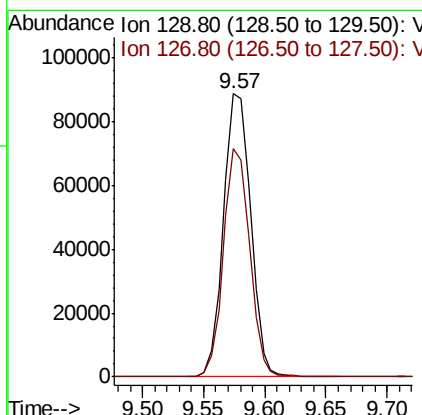
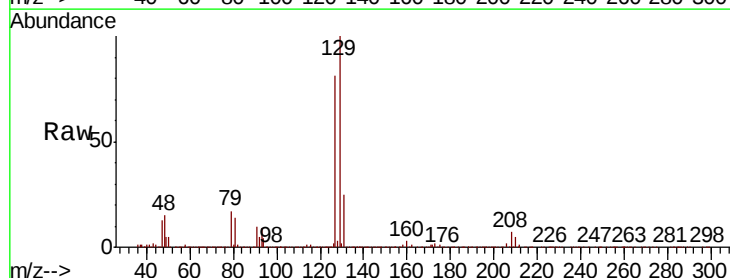
Manual Integrations
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#60
Dibromochloromethane
Concen: 19.394 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013770.D
Acq: 05 Dec 2019 12:30

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.5	38.5	115.5





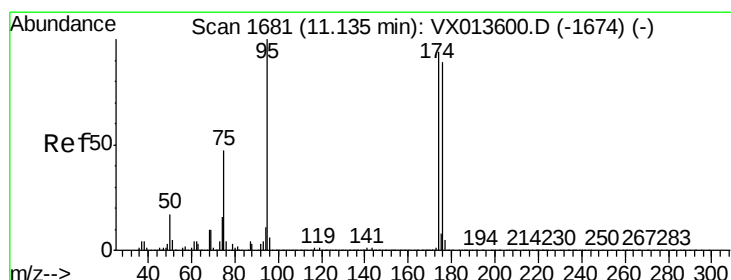
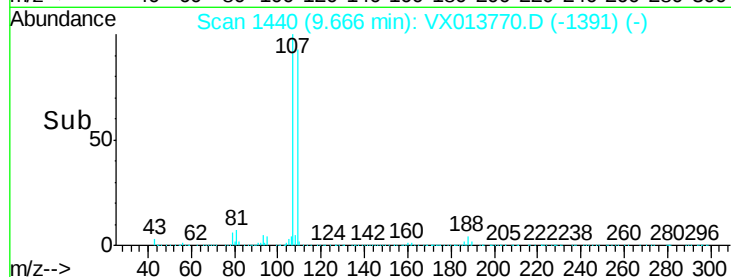
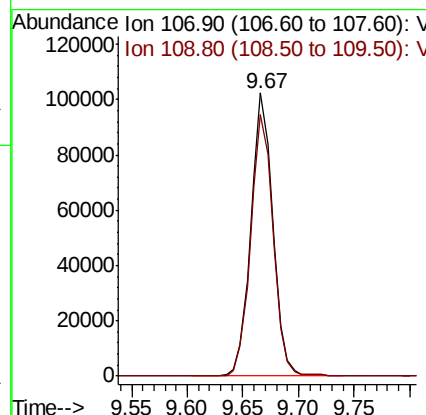
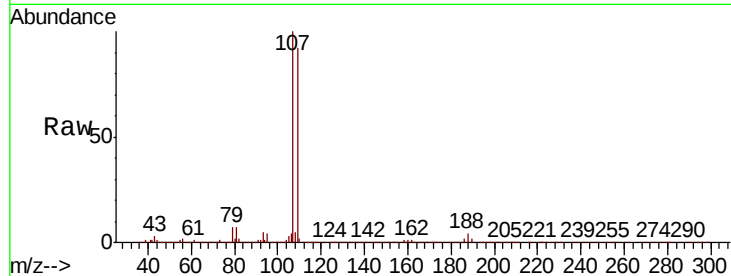
#61
 1,2-Dibromoethane
 Concen: 19.327 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX013770.D
 Acq: 05 Dec 2019 12:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205WBS02

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.2	76.1	114.1

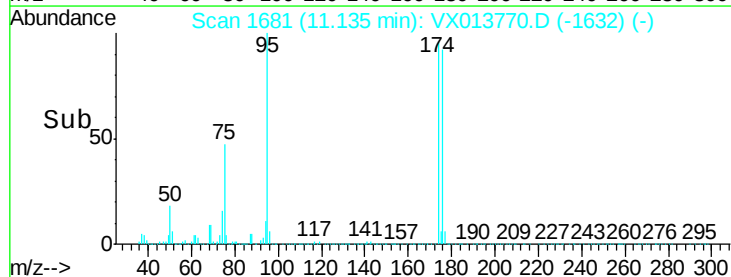
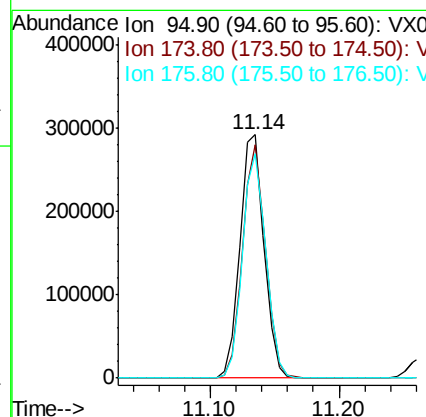
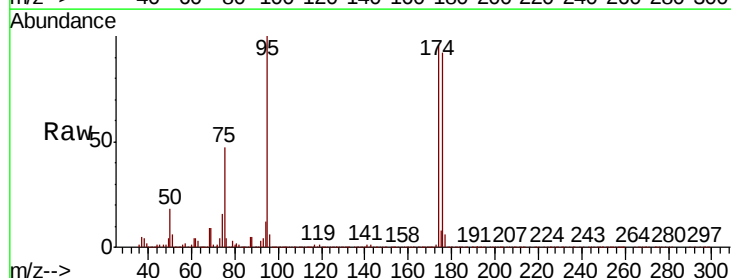
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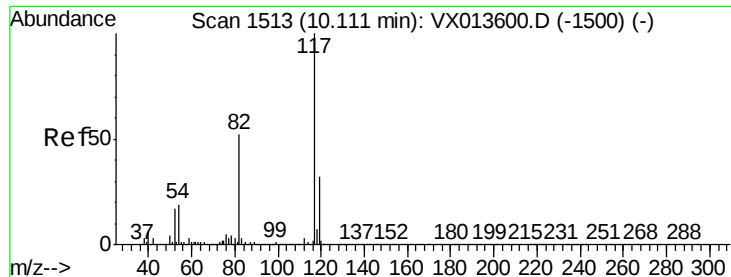
apatel
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#62
 4-Bromofluorobenzene
 Concen: 44.698 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: VX013770.D
 Acq: 05 Dec 2019 12:30

Tgt Ion	Ratio	Lower	Upper
95	100		
174	91.1	0.0	180.0
176	89.3	0.0	173.6





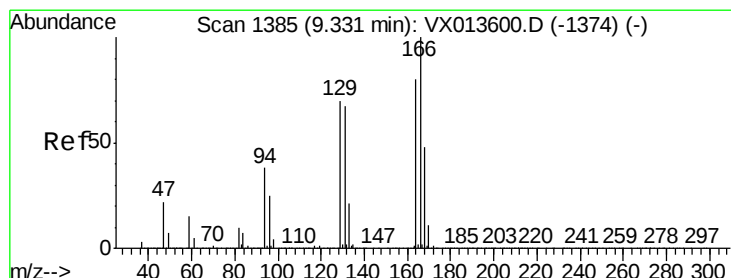
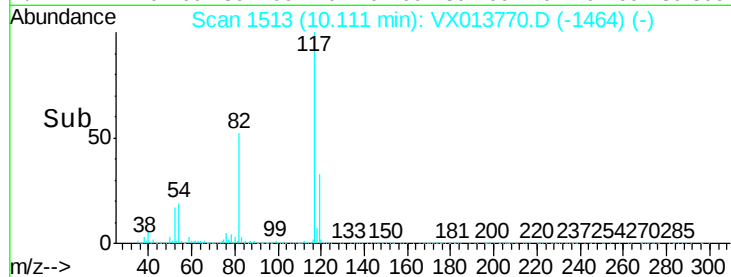
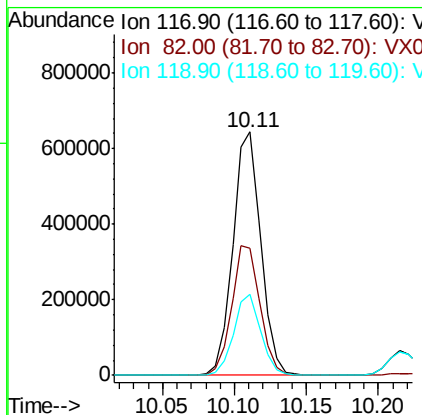
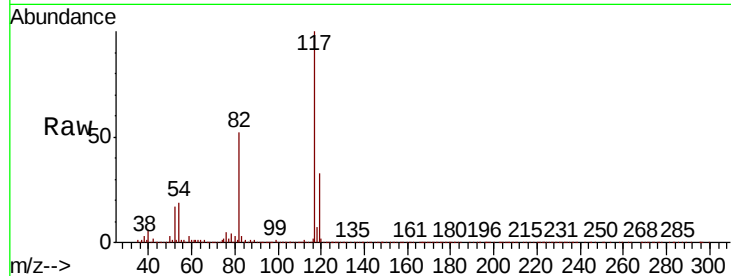
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013770.D
Acq: 05 Dec 2019 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.1	41.8	62.8
119	33.1	25.8	38.8

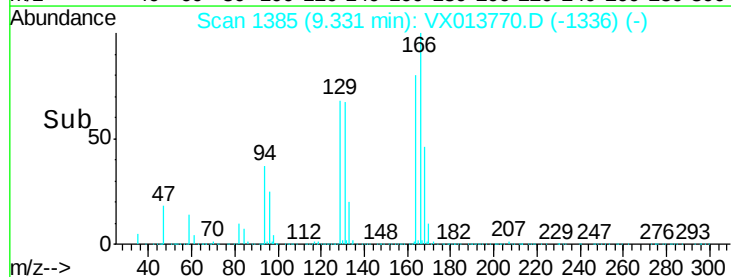
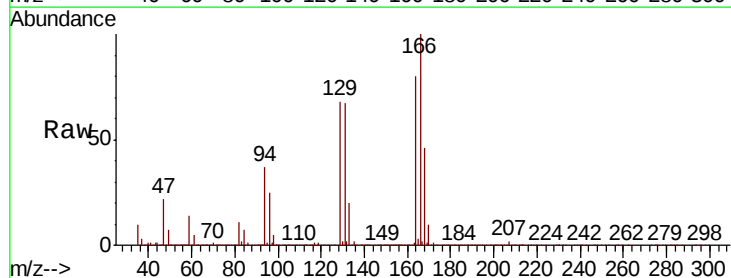
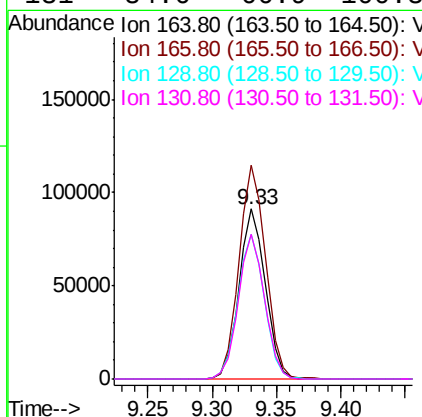
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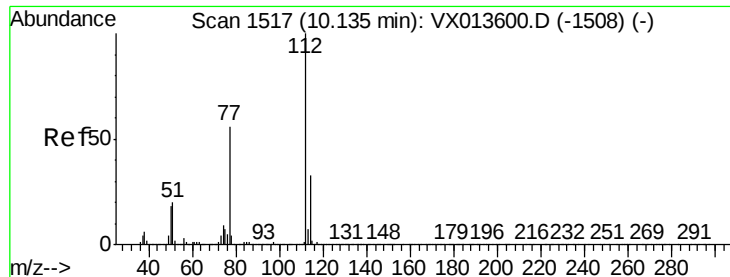
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#64
Tetrachloroethene
Concen: 19.795 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013770.D
Acq: 05 Dec 2019 12:30

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.5	99.7	149.5
129	84.9	70.1	105.1
131	84.6	66.9	100.3





#65

Chlorobenzene

Concen: 19.137 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBS02

Tot Ion:112 Resp: 346528

Ion Ratio Lower Upper

112 100

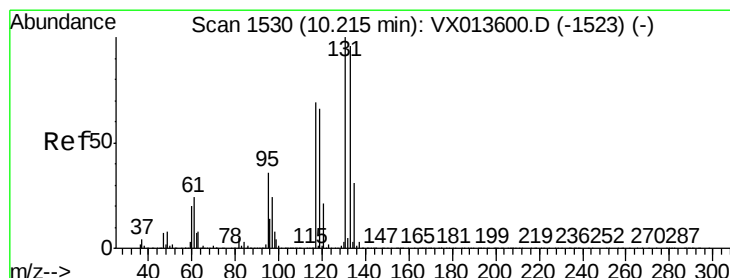
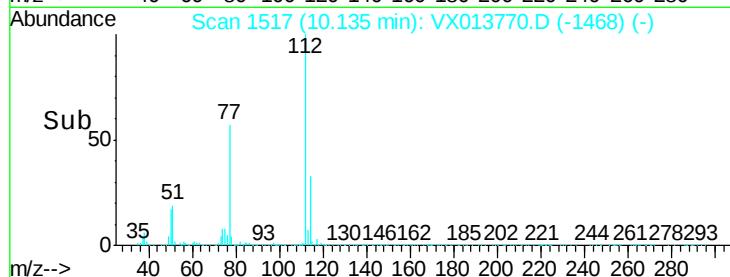
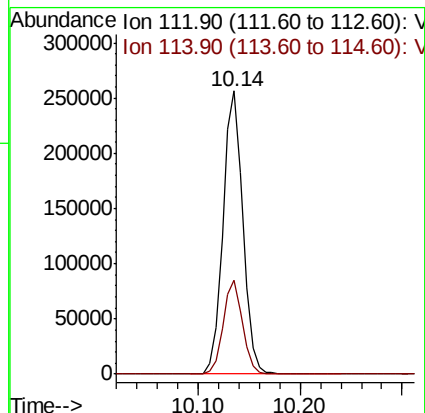
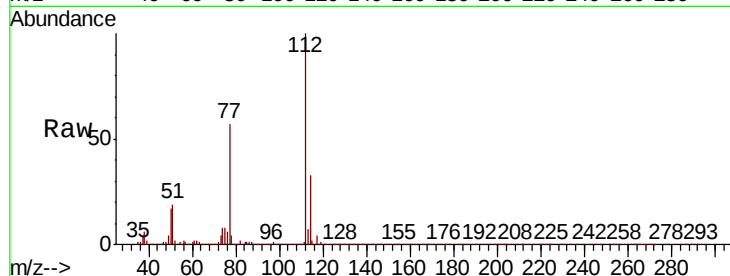
114 33.0 26.1 39.1

Manual Integrations

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#66

1,1,1,2-Tetrachloroethane

Concen: 19.874 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

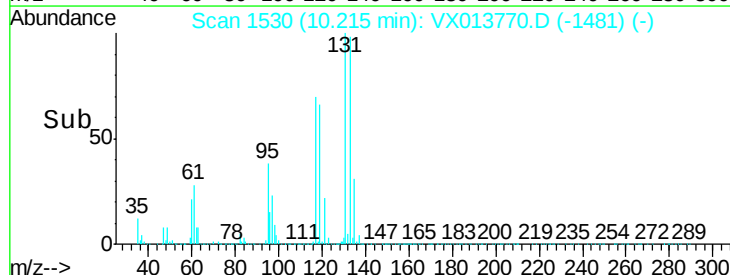
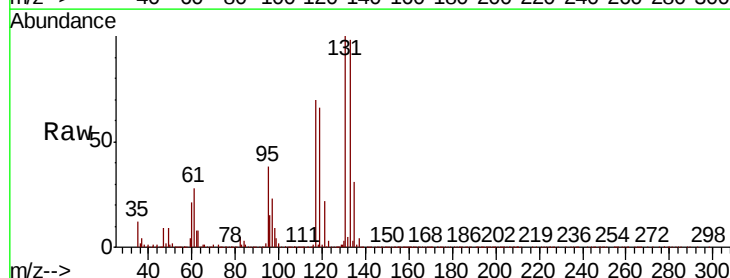
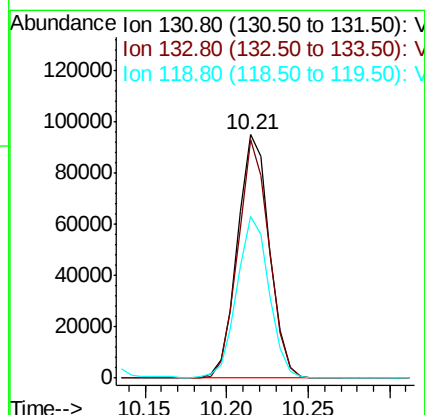
Tgt Ion:131 Resp: 129229

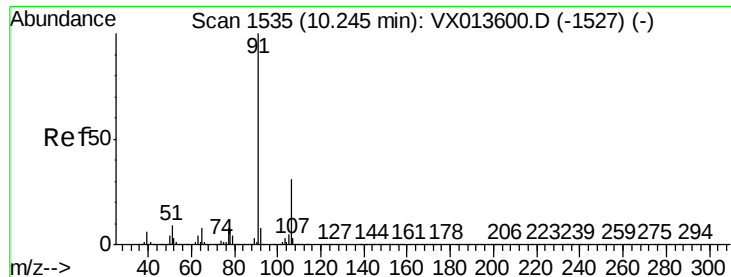
Ion Ratio Lower Upper

131 100

133 95.7 47.7 143.1

119 66.8 32.9 98.6





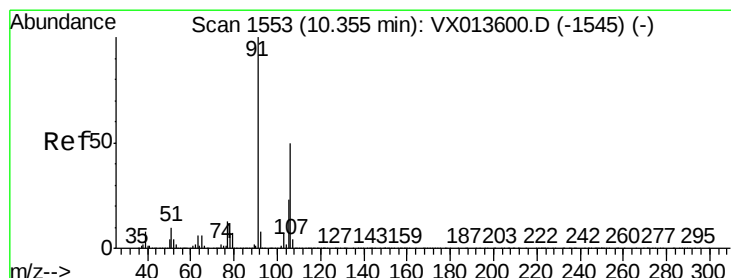
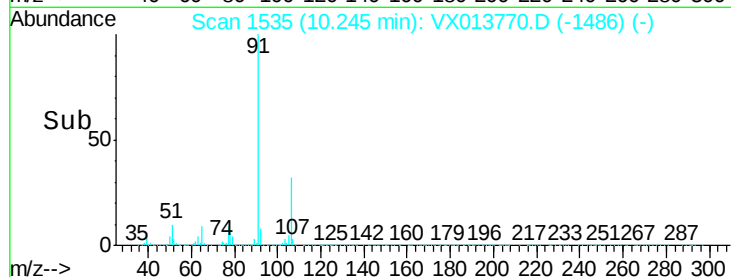
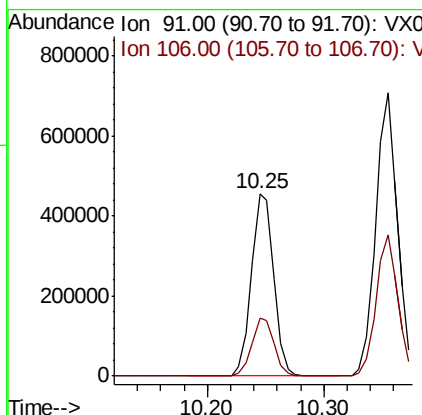
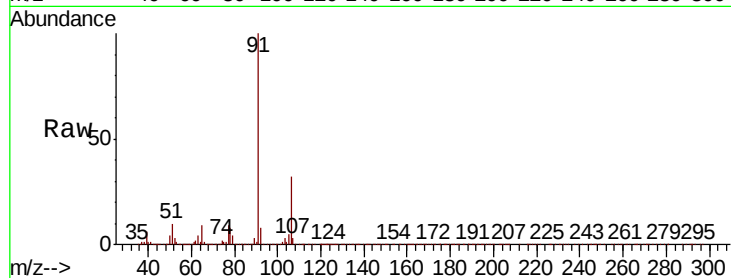
#67
Ethyl Benzene
Concen: 19.571 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX013770.D
Acq: 05 Dec 2019 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBS02

Tot Ion: 91 Resp: 608968
Ion Ratio Lower Upper
91 100
106 31.7 24.5 36.7

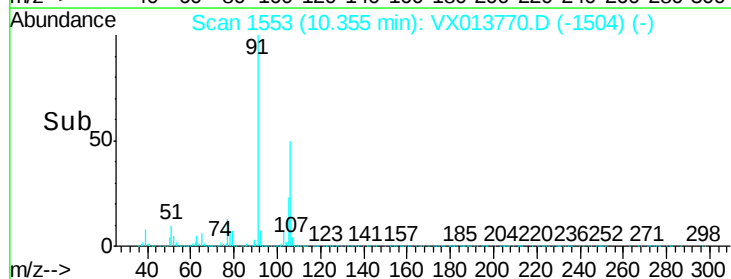
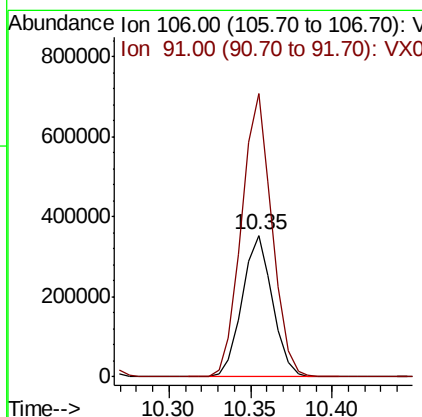
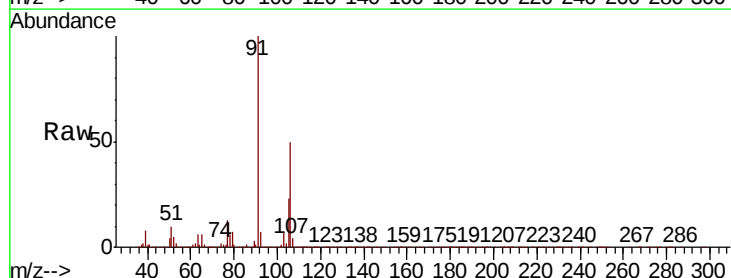
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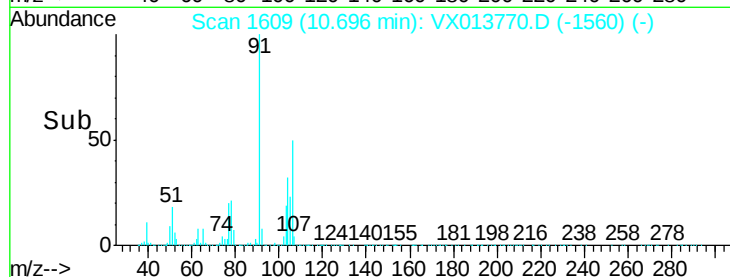
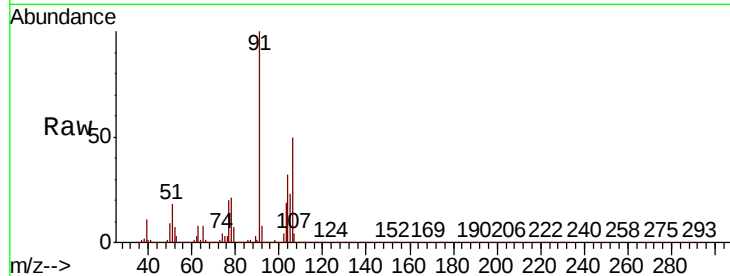
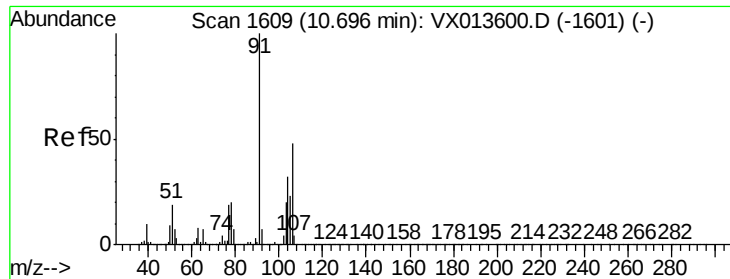
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#68
m/p-Xylenes
Concen: 38.502 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013770.D
Acq: 05 Dec 2019 12:30

Tgt Ion: 106 Resp: 458684
Ion Ratio Lower Upper
106 100
91 201.1 159.0 238.4





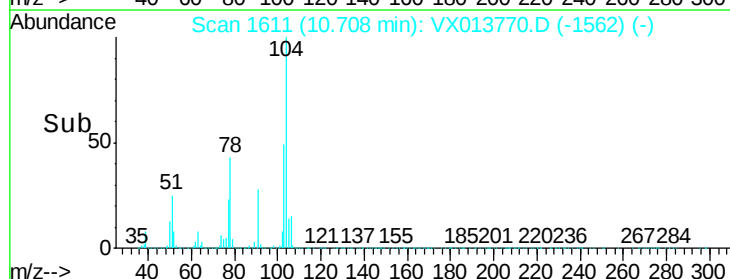
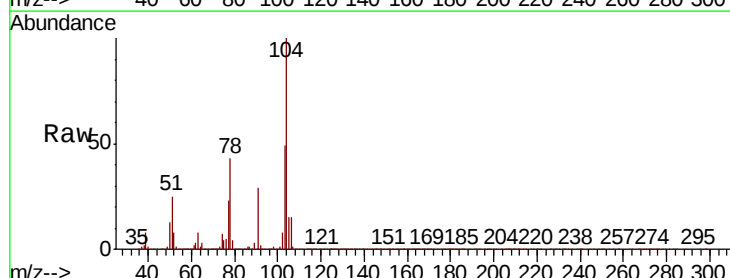
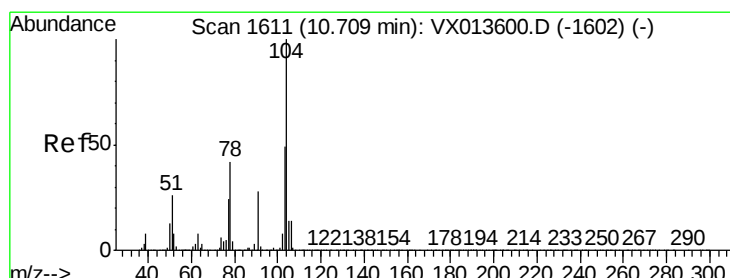
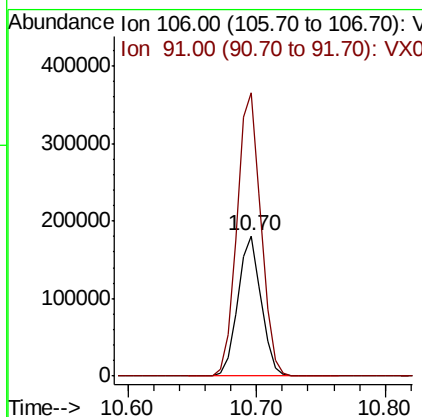
#69
o-Xylene
Concen: 19.479 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013770.D
Acq: 05 Dec 2019 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBS02

Tot Ion	Ratio	Resp	Lower	Upper
106	100	226327		
91	208.6	104.1	312.2	

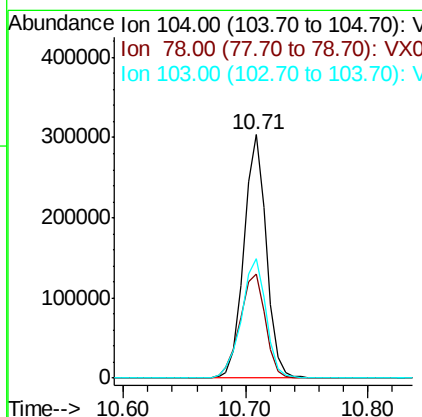
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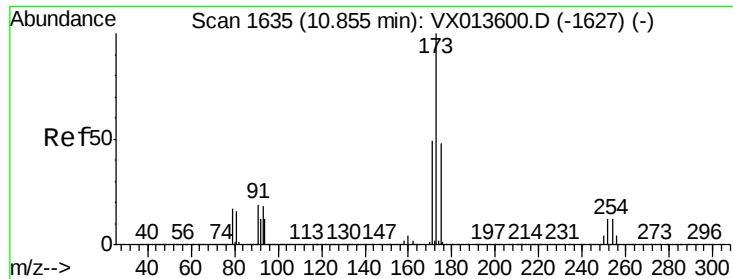
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#70
Styrene
Concen: 19.646 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013770.D
Acq: 05 Dec 2019 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	383979		
78	48.6	38.5	57.7	
103	54.1	43.7	65.5	





#71

Bromoform

Concen: 19.592 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

Instrument :

MSVOA_X

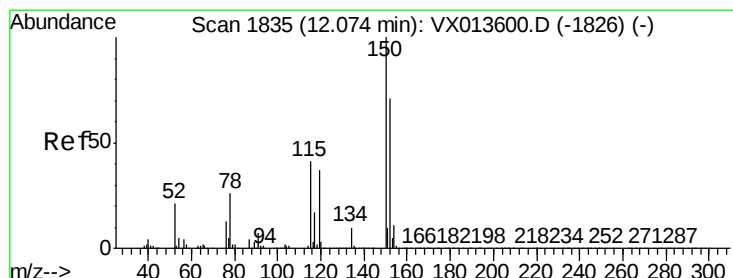
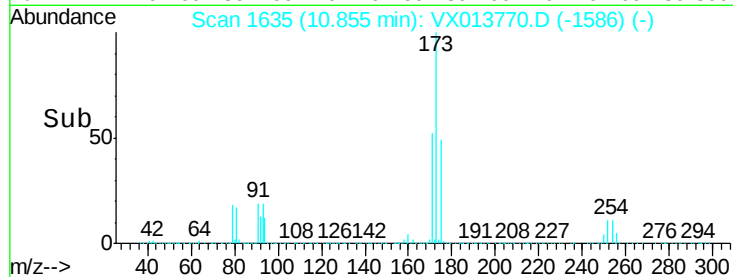
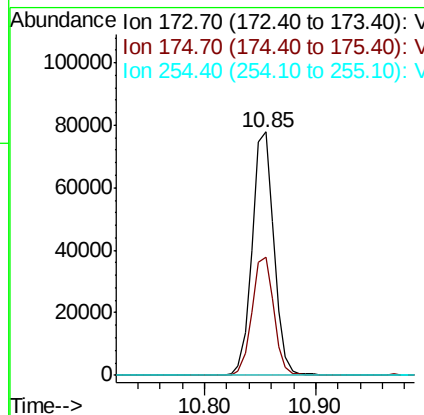
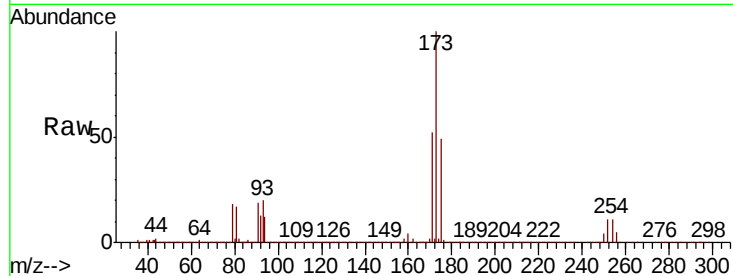
ClientSampleId :

VX1205WBS02

Tot Ion:	173	Resp:	105409
Ion Ratio	Lower	Upper	
173	100		
175	49.1	24.3	72.8
254	0.2	0.2	0.4

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

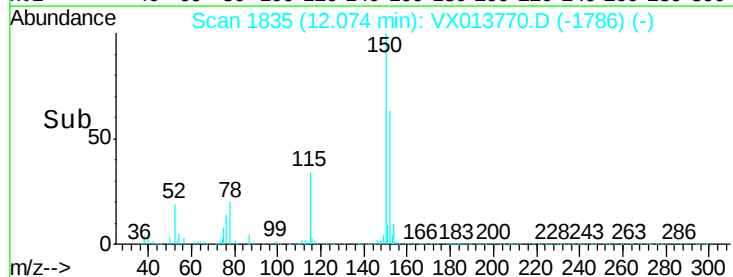
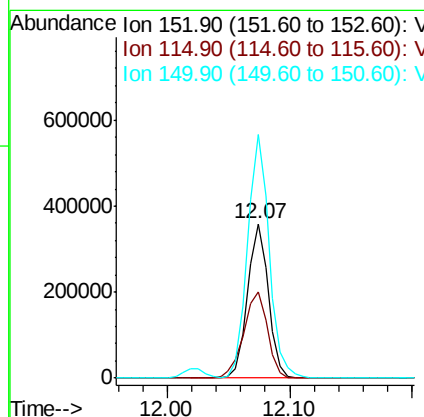
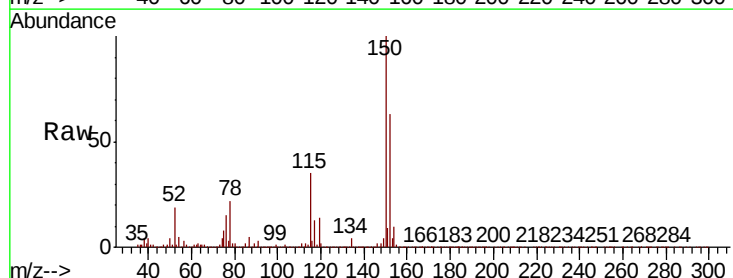
RT: 12.07 min Scan# 1835

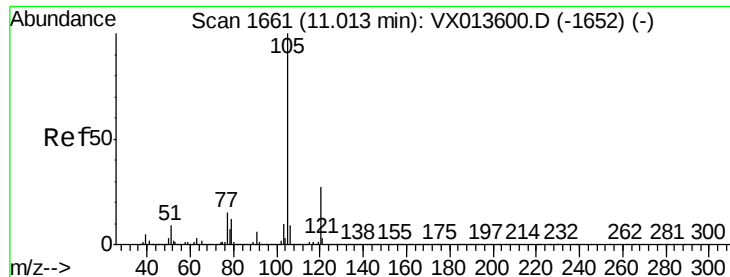
Delta R.T. -0.00 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

Tgt Ion:	152	Resp:	421294
Ion Ratio	Lower	Upper	
152	100		
115	63.8	38.4	115.1
150	165.4	0.0	346.8





#73

Isopropylbenzene

Concen: 20.191 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBS02

Tot Ion: 105 Resp: 596701

Ion Ratio Lower Upper

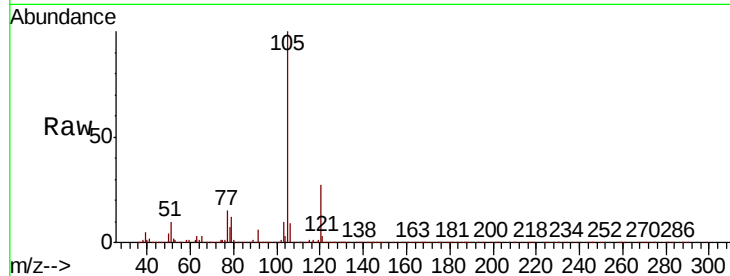
105 100

120 27.2 13.5 40.5

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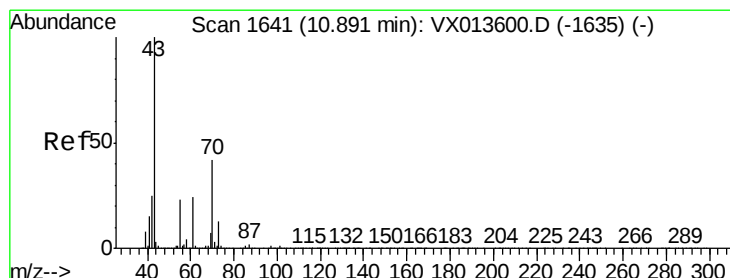
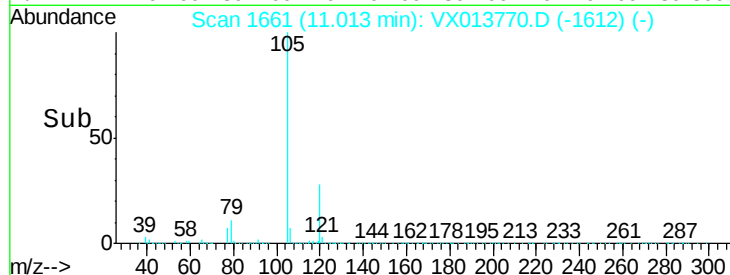
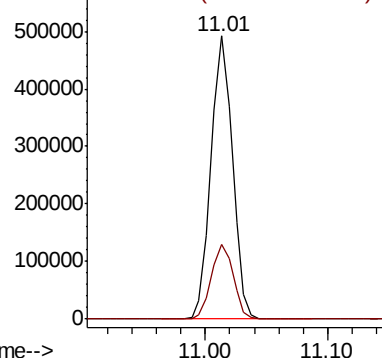
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.701 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

Tgt Ion: 43 Resp: 266705

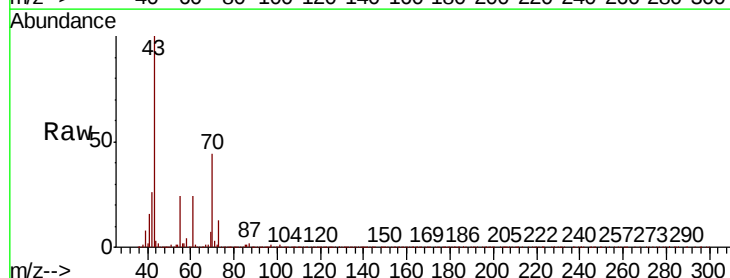
Ion Ratio Lower Upper

43 100

70 44.0 34.3 51.5

55 24.7 18.5 27.7

61 24.9 19.8 29.8

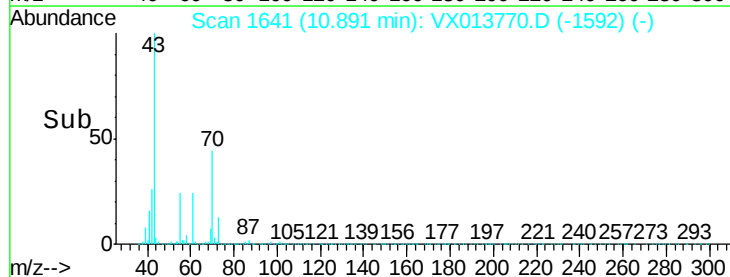
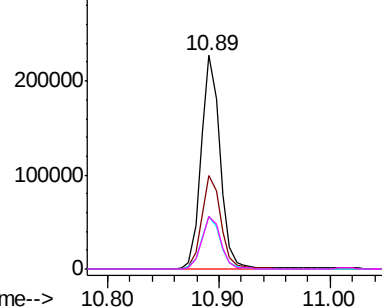


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.179 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

Instrument :

MSVOA_X

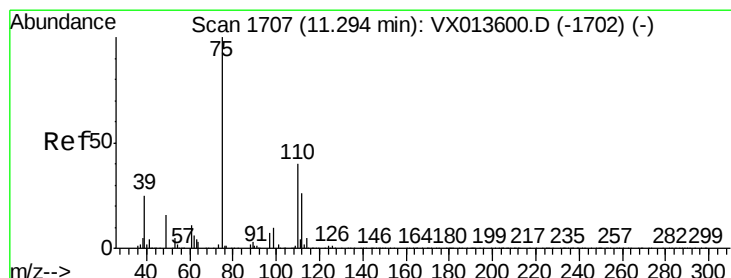
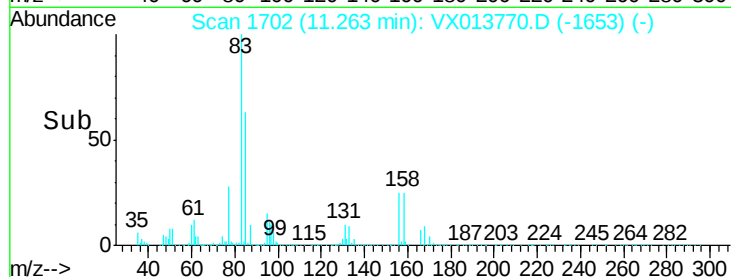
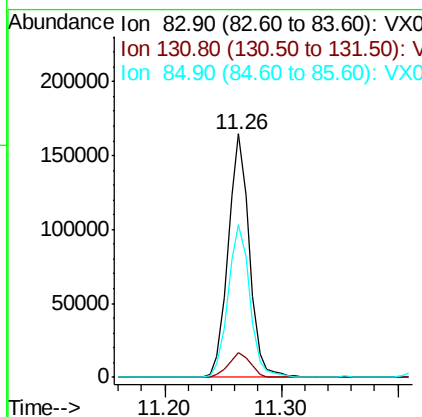
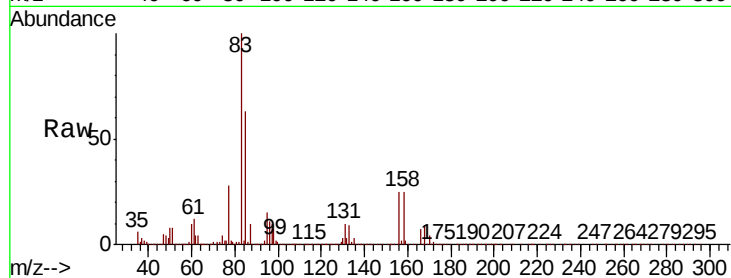
ClientSampleId :

VX1205WBS02

Tot Ion:	83	Resp:	206810
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.1	15.3
85	64.6	31.8	95.3

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#76

1,2,3-Trichloropropane

Concen: 20.018 ug/l m

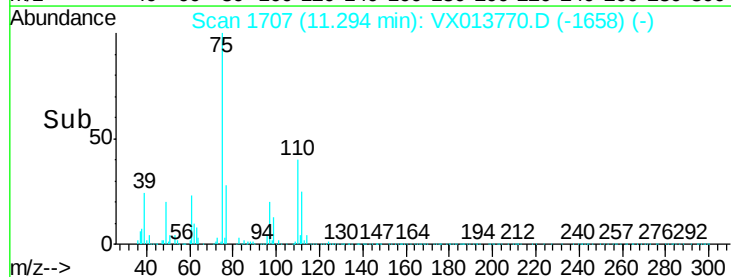
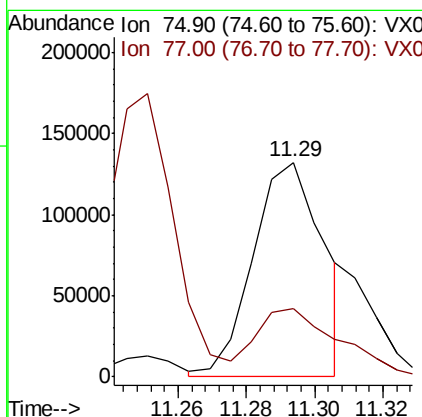
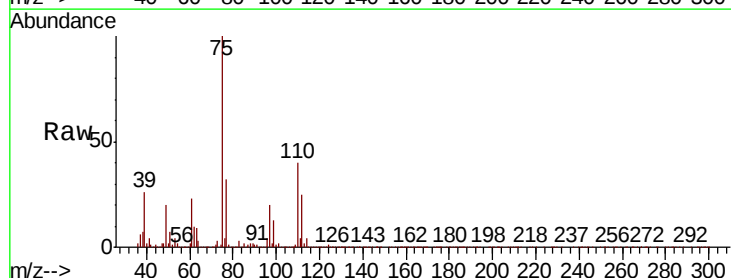
RT: 11.29 min Scan# 1707

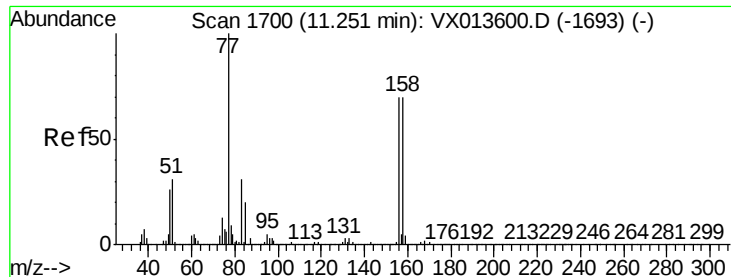
Delta R.T. -0.00 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

Tgt Ion:	75	Resp:	189680
Ion Ratio	Lower	Upper	
75	100		
77	37.3	19.1	57.5





#77

Bromobenzene

Concen: 19.944 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

Instrument :

MSVOA_X

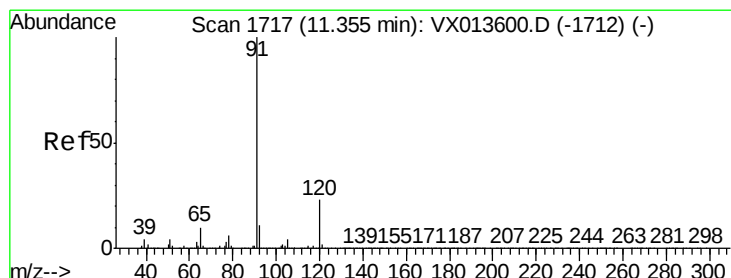
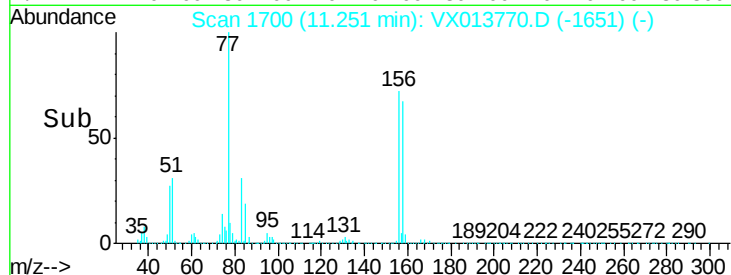
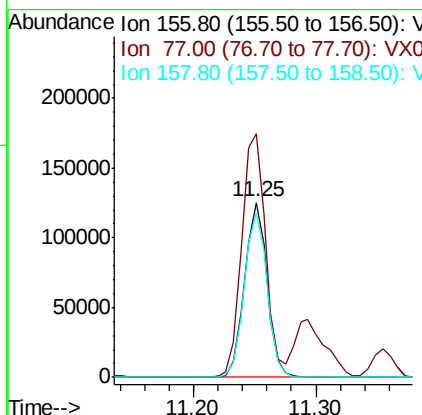
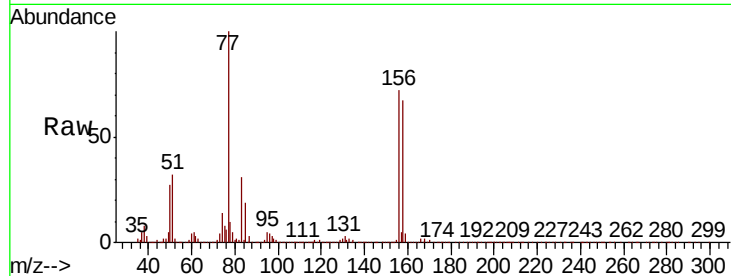
ClientSampleId :

VX1205WBS02

Tot Ion:	156	Resp:	159224
Ion Ratio	Lower	Upper	
156	100		
77	148.0	74.4	223.1
158	96.0	48.9	146.6

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#78

n-propylbenzene

Concen: 20.207 ug/l

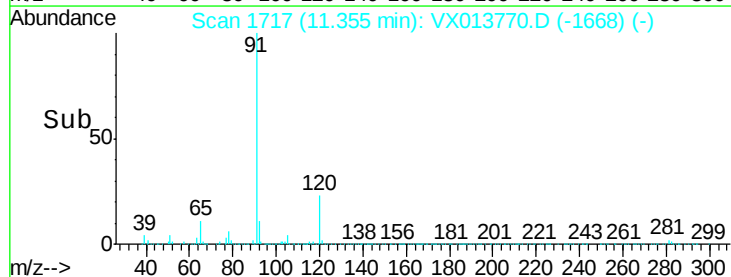
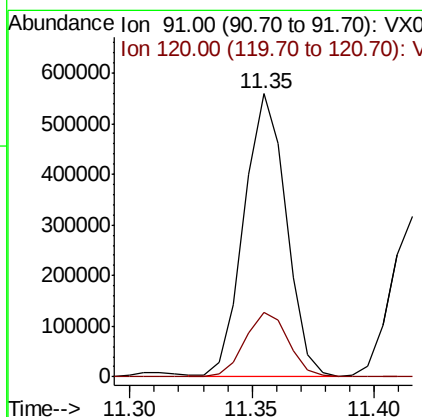
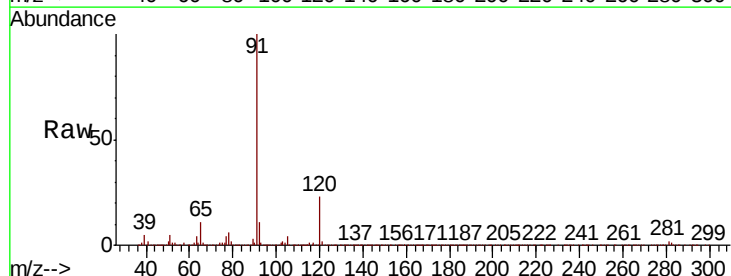
RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013770.D

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Tgt Ion:	91	Resp:	666623
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.8	35.3





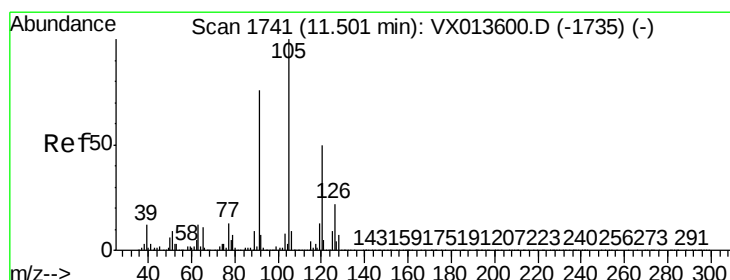
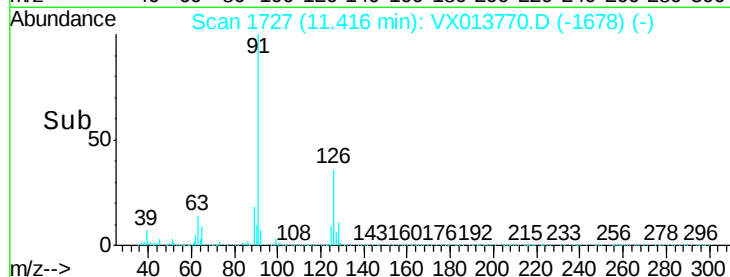
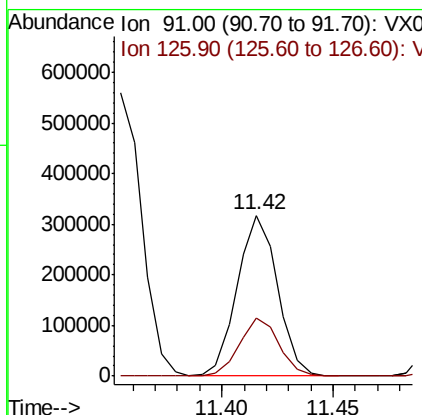
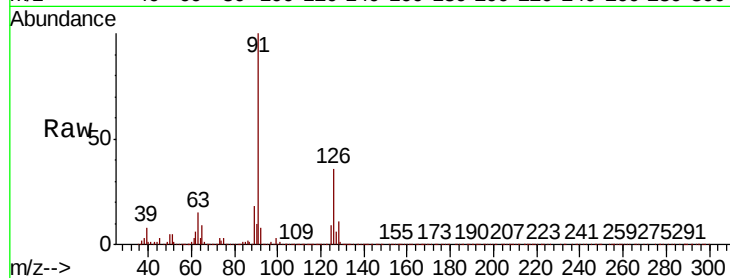
#79
2-Chlorotoluene
Concen: 20.146 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VX013770.D
Acq: 05 Dec 2019 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
126	35.8	17.5	52.5

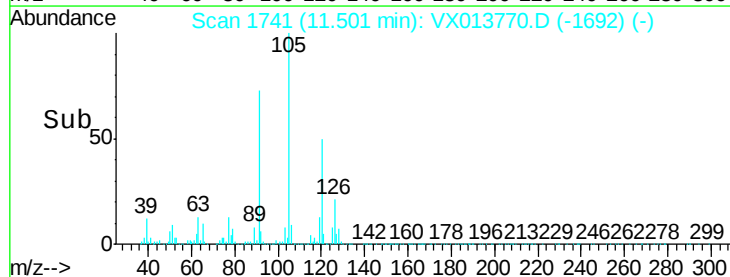
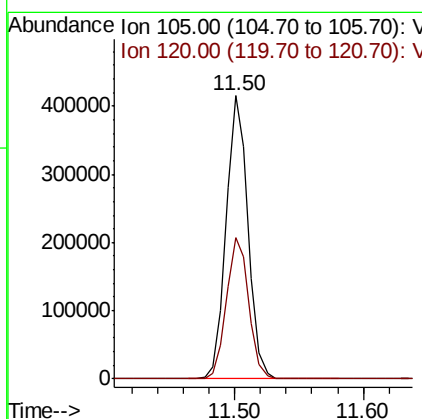
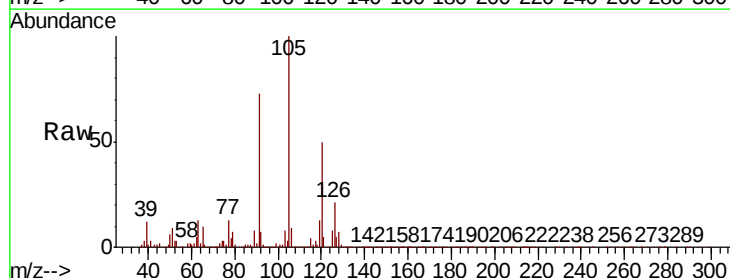
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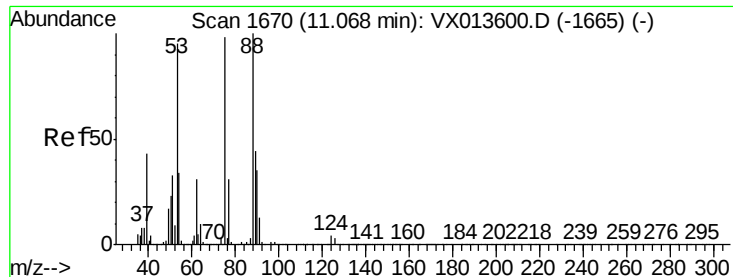
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#80
1,3,5-Trimethylbenzene
Concen: 20.416 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX013770.D
Acq: 05 Dec 2019 12:30

Tgt Ion	Ratio	Lower	Upper
105	100		
120	51.2	25.3	75.9





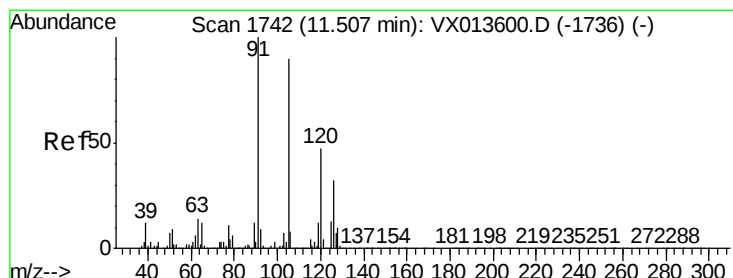
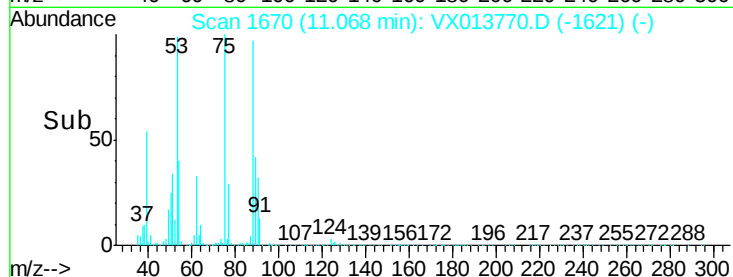
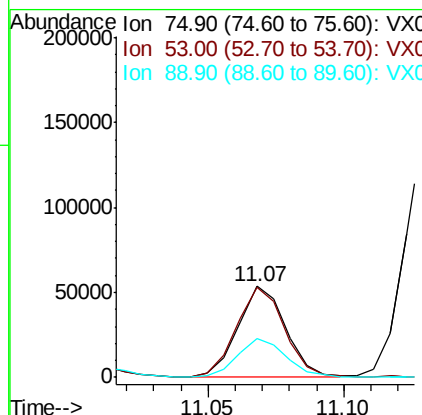
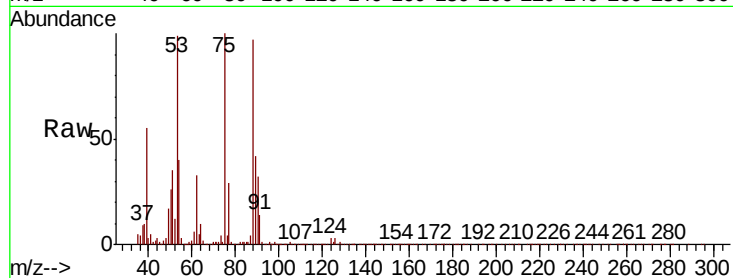
#81
trans-1,4-Dichloro-2-butene
Concen: 18.544 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX013770.D
Acq: 05 Dec 2019 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.3	78.2	117.2
89	44.9	35.4	53.2

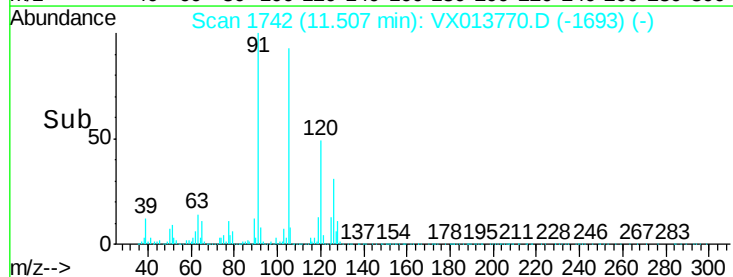
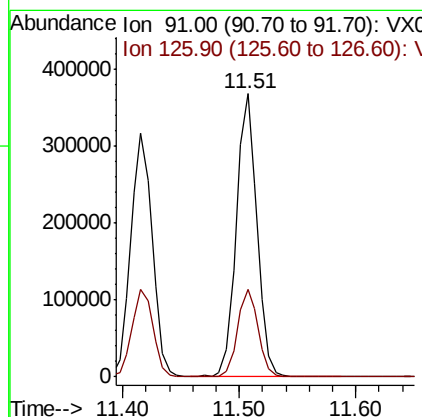
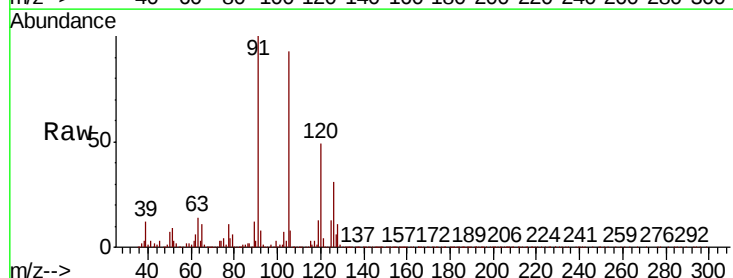
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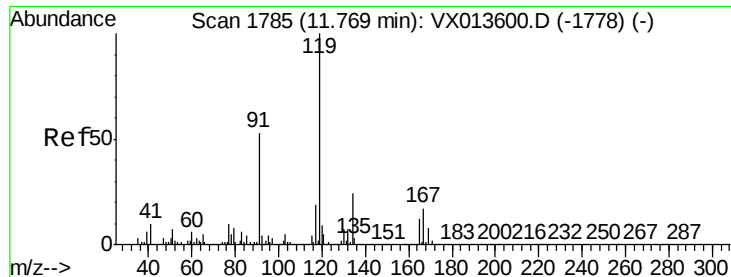
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#82
4-Chlorotoluene
Concen: 19.830 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013770.D
Acq: 05 Dec 2019 12:30

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.8	15.7	47.0





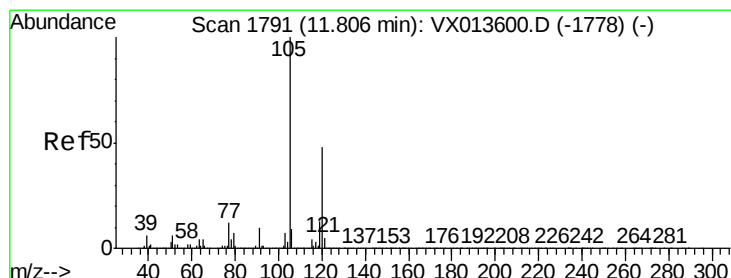
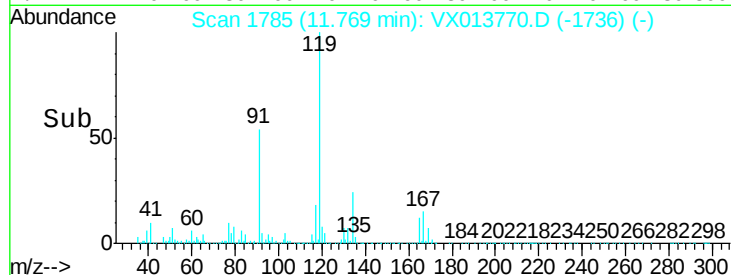
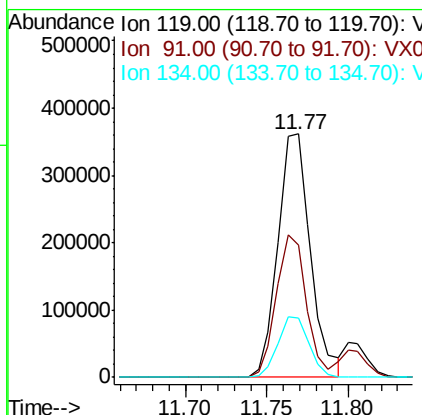
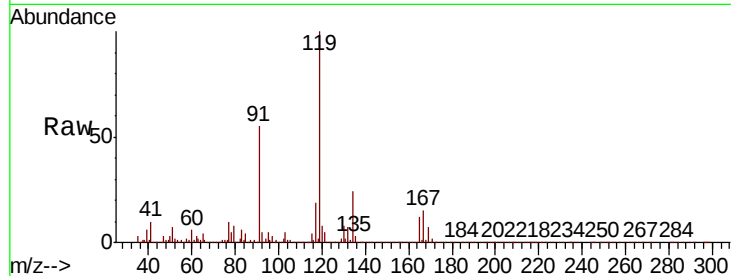
#83
tert-Butylbenzene
Concen: 20.471 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. -0.00 min
Lab File: VX013770.D
Acq: 05 Dec 2019 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBS02

Tot Ion	Ratio	Lower	Upper
119	100		
91	54.0	27.2	81.6
134	24.0	11.7	35.1

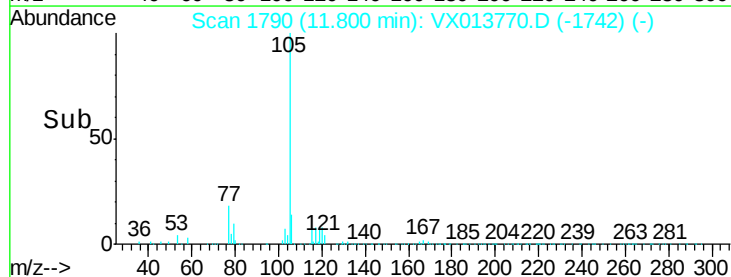
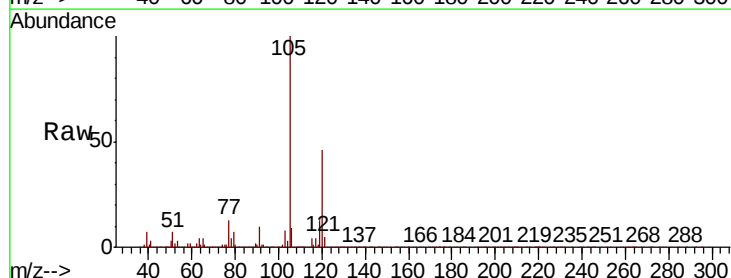
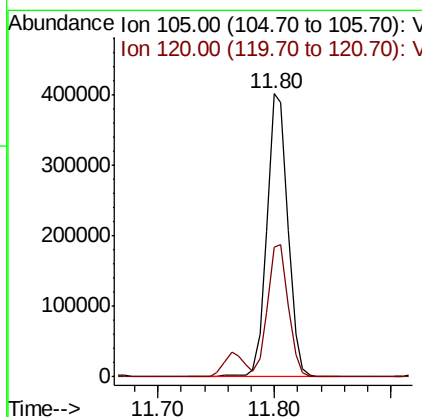
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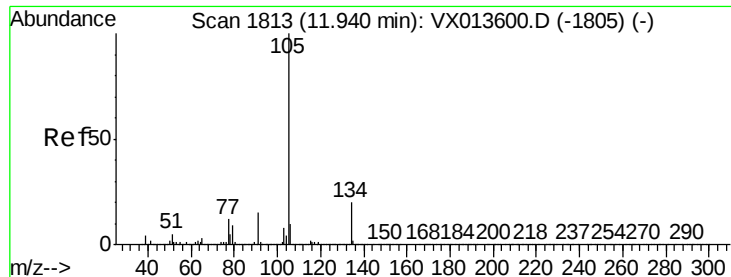
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#84
1,2,4-Trimethylbenzene
Concen: 20.235 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX013770.D
Acq: 05 Dec 2019 12:30

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.3	23.1	69.3





#85

sec-Butylbenzene

Concen: 20.343 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBS02

Tot Ion:105 Resp: 571957

Ion Ratio Lower Upper

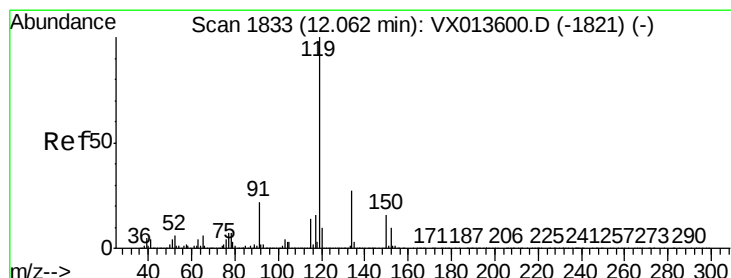
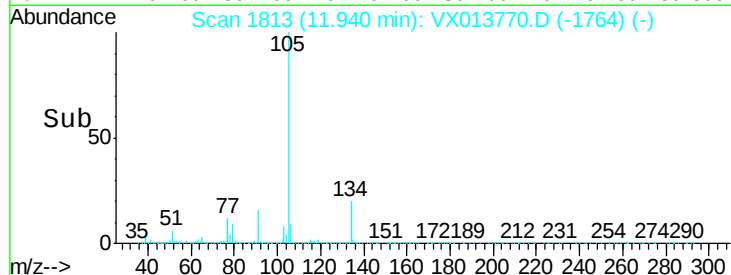
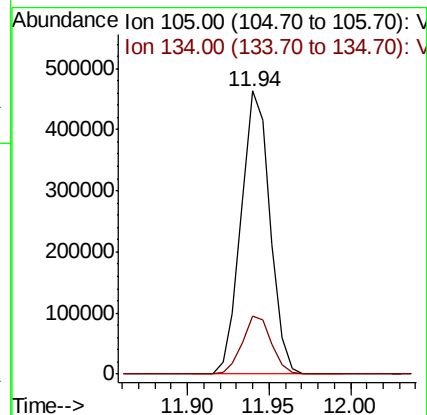
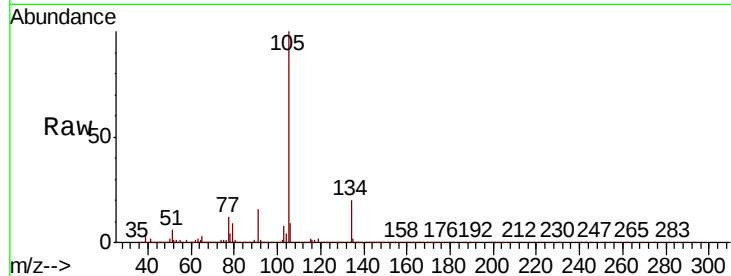
105 100

134 20.7 10.4 31.2

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#86

p-Isopropyltoluene

Concen: 19.914 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

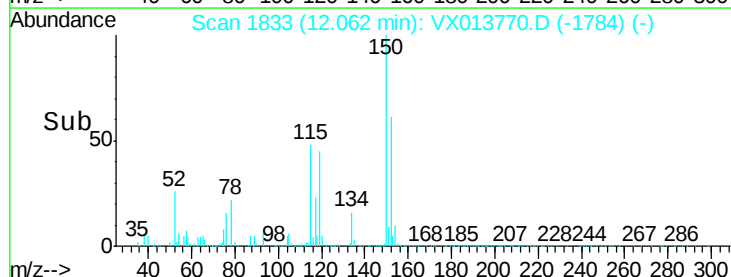
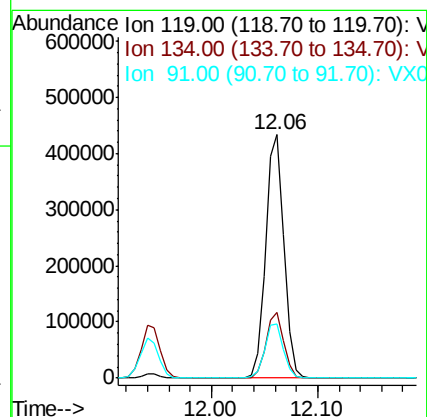
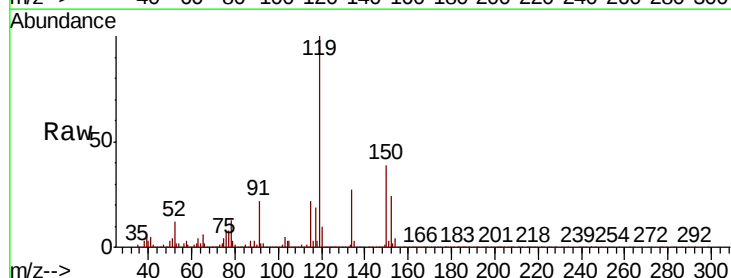
Tgt Ion:119 Resp: 520878

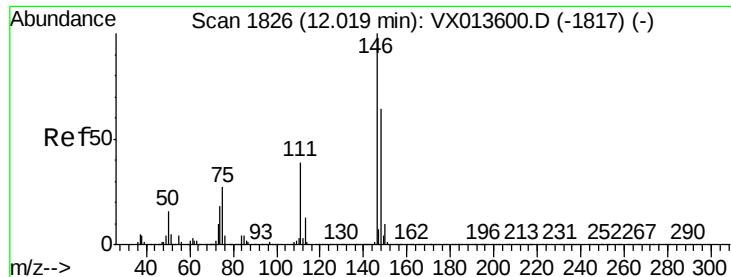
Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.9

91 22.5 11.3 33.8





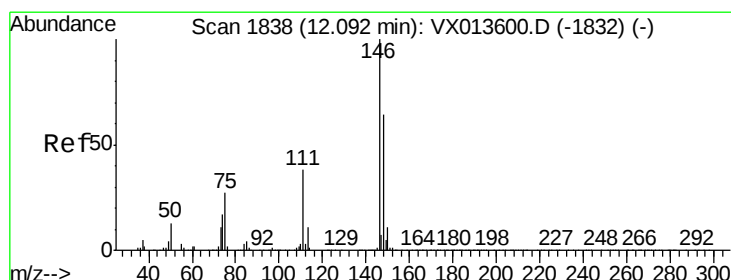
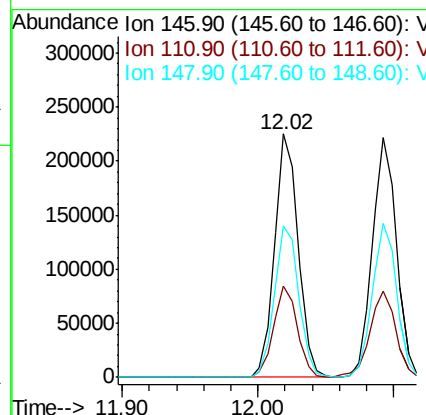
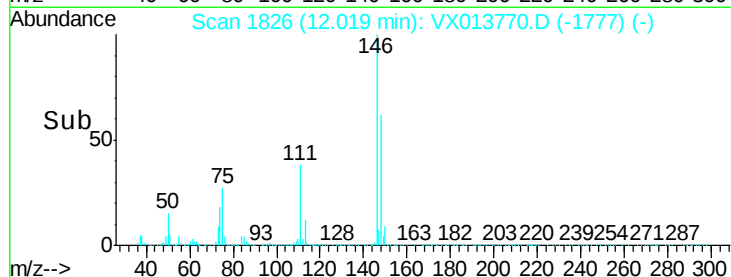
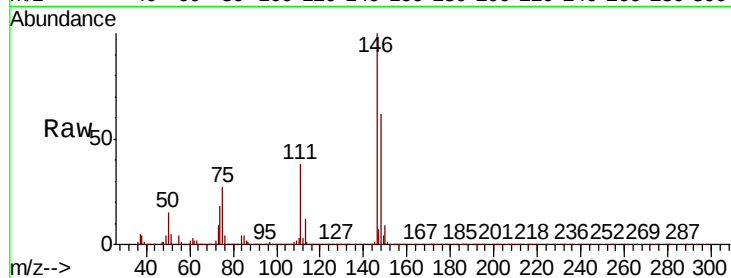
#87
 1,3-Dichlorobenzene
 Concen: 19.746 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013770.D
 Acq: 05 Dec 2019 12:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.0	57.0
148	64.0	31.8	95.4

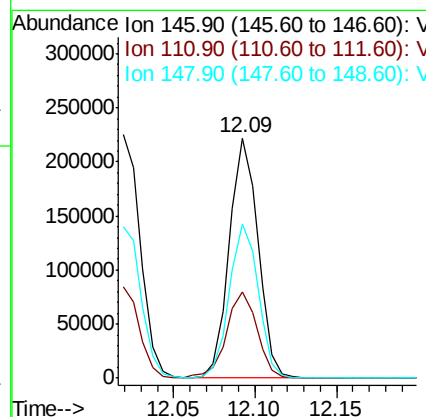
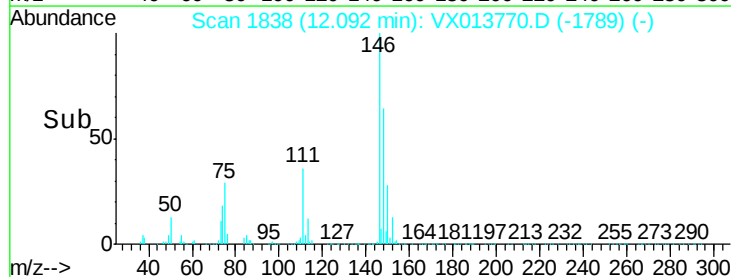
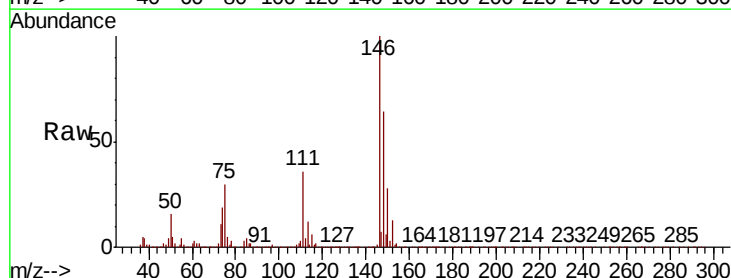
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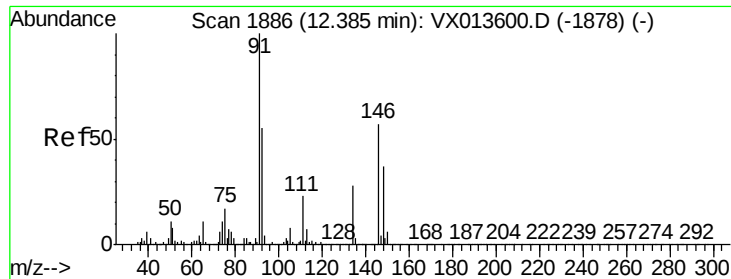
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#88
 1,4-Dichlorobenzene
 Concen: 19.223 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013770.D
 Acq: 05 Dec 2019 12:30

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.9	56.9
148	64.7	31.9	95.5





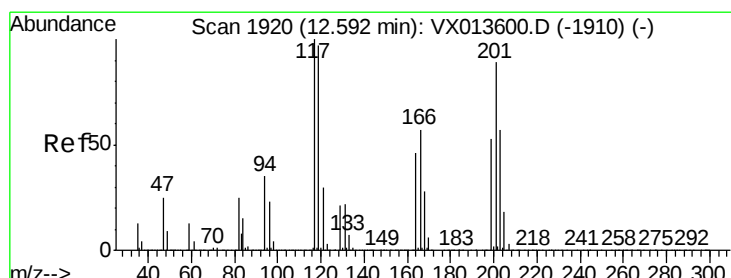
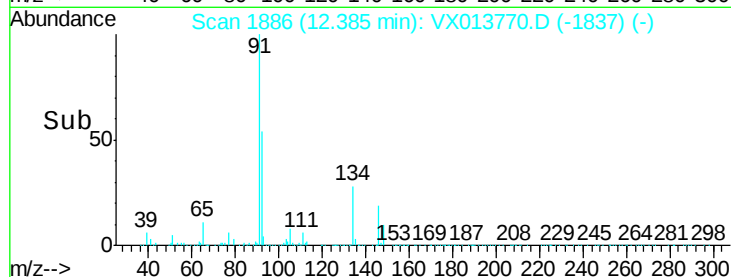
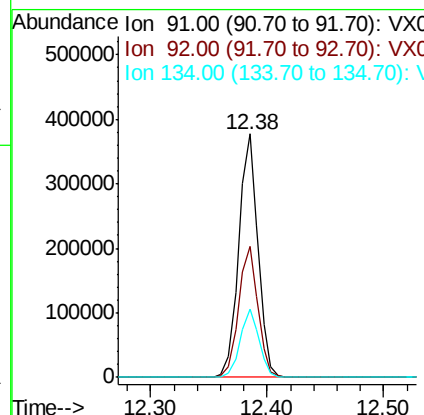
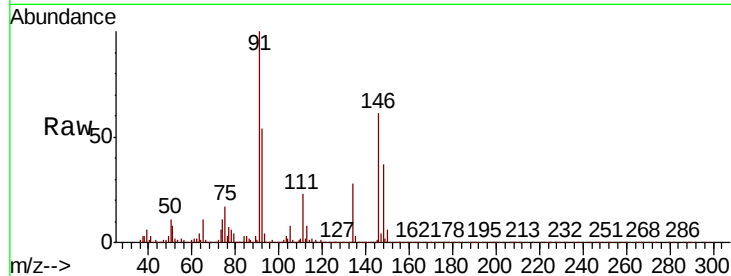
#89
n-Butylbenzene
Concen: 19.436 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013770.D
Acq: 05 Dec 2019 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.4	82.2
134	27.5	13.5	40.4

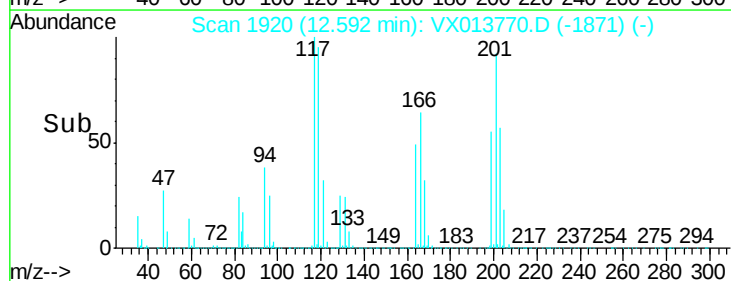
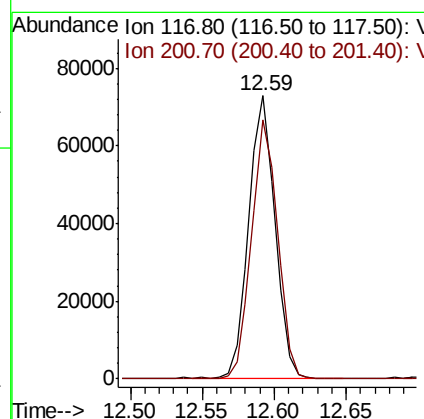
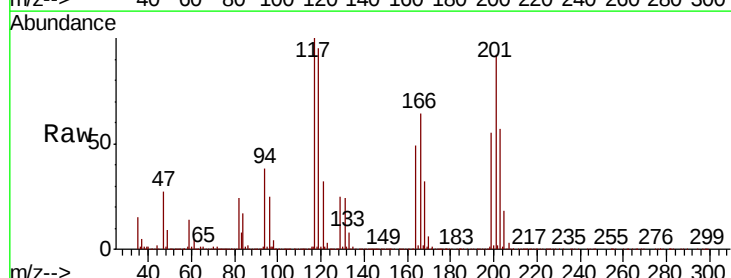
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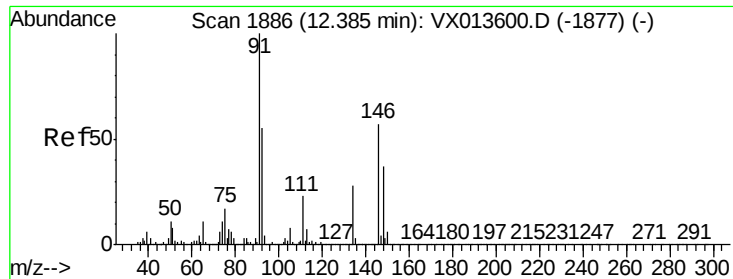
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#90
Hexachloroethane
Concen: 19.369 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013770.D
Acq: 05 Dec 2019 12:30

Tgt Ion	Ratio	Lower	Upper
117	100		
201	91.0	44.1	132.4





#91

1,2-Dichlorobenzene

Concen: 20.121 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

Instrument :

MSVOA_X

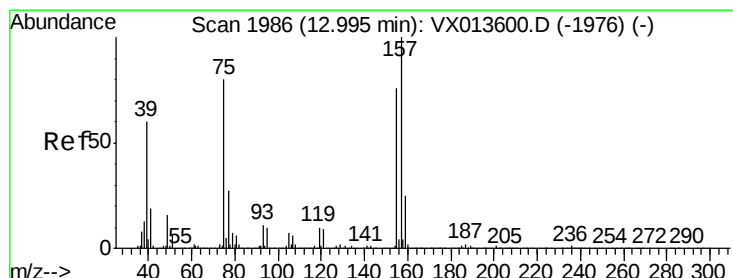
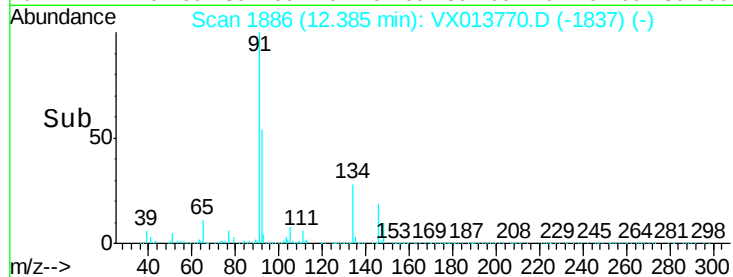
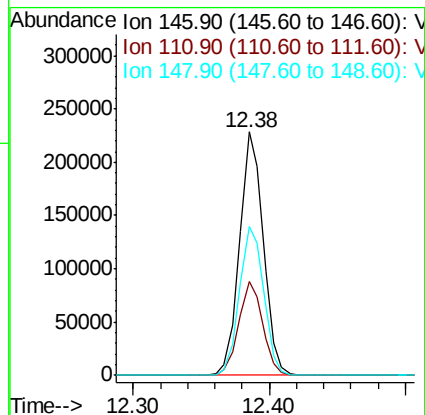
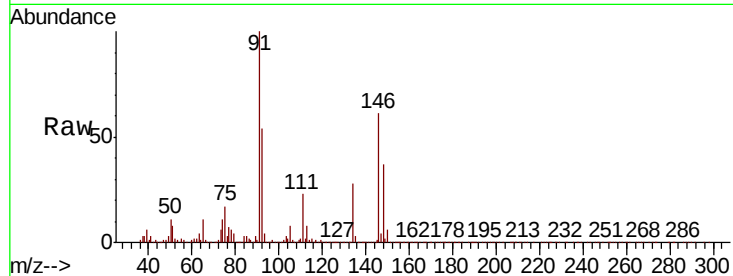
ClientSampleId :

VX1205WBS02

Tot Ion:	146	Resp:	276674
Ion Ratio	Lower	Upper	
146	100		
111	39.0	19.6	58.7
148	63.0	31.9	95.7

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#92

1,2-Dibromo-3-Chloropropane

Concen: 19.362 ug/l

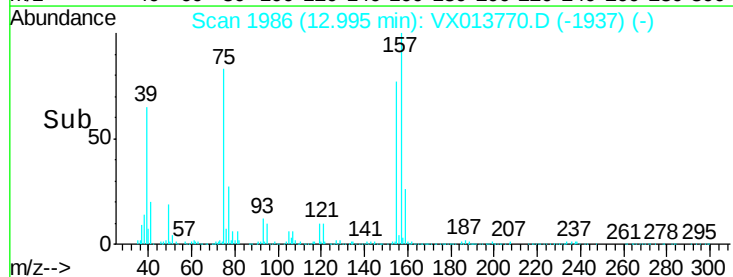
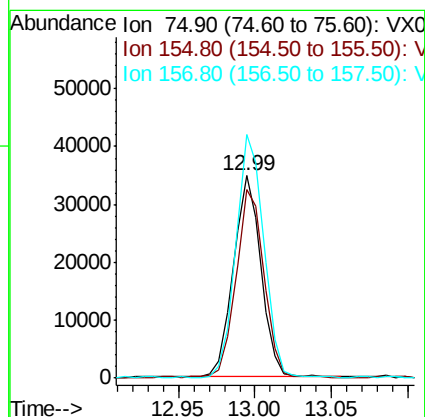
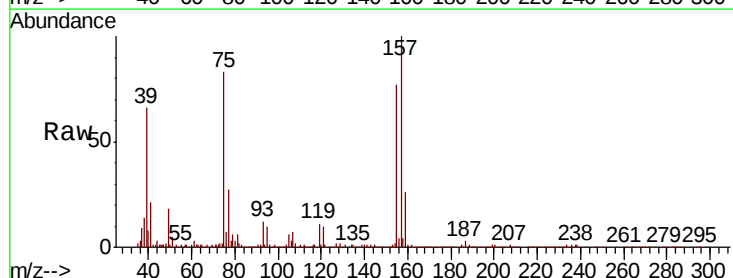
RT: 12.99 min Scan# 1986

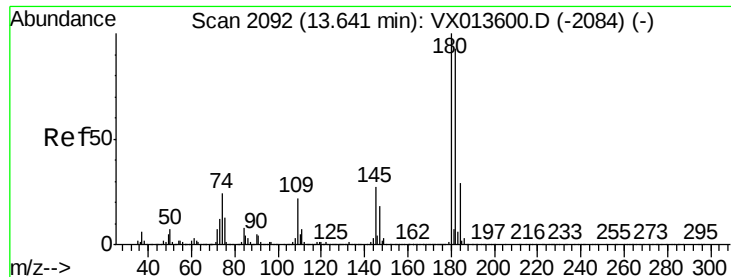
Delta R.T. -0.00 min

Lab File: VX013770.D

Acq: 05 Dec 2019 12:30

Tgt Ion:	75	Resp:	43211
Ion Ratio	Lower	Upper	
75	100		
155	95.3	47.6	142.8
157	122.9	62.1	186.2





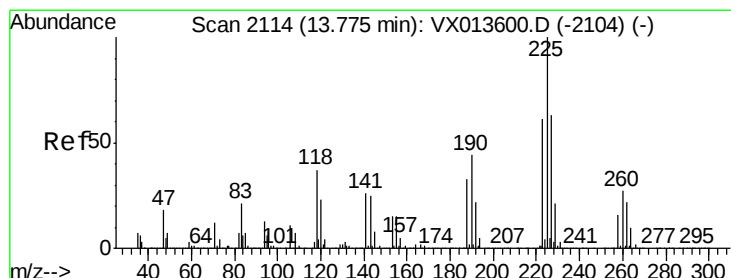
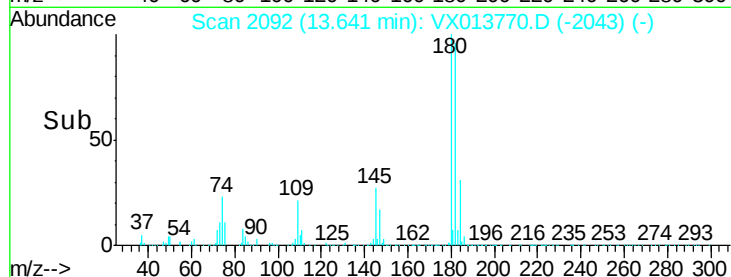
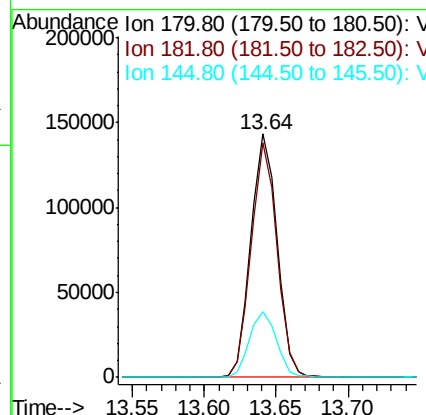
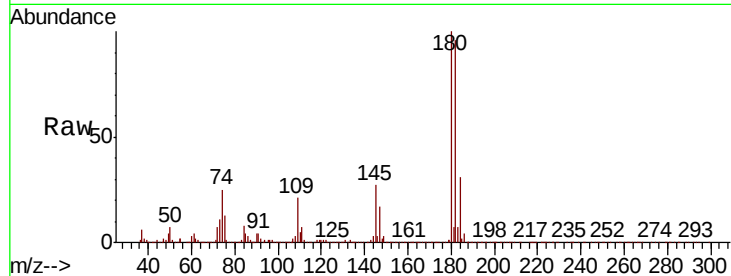
#93
 1,2,4-Trichlorobenzene
 Concen: 18.838 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013770.D
 Acq: 05 Dec 2019 12:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205WBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	180520		
182	94.4	47.2	141.6	
145	27.6	13.8	41.4	

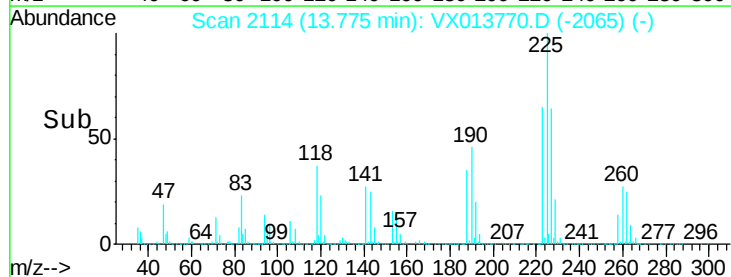
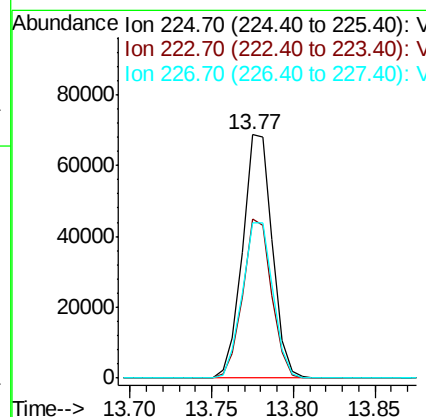
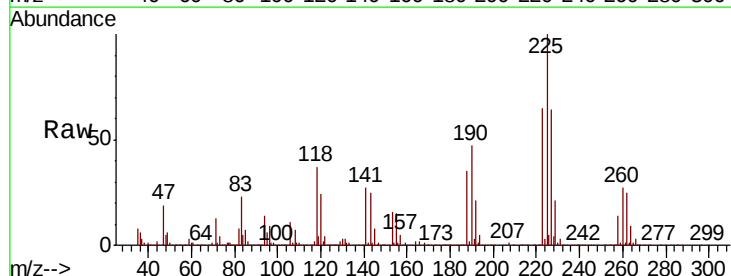
Manual Integrations
 APPROVED

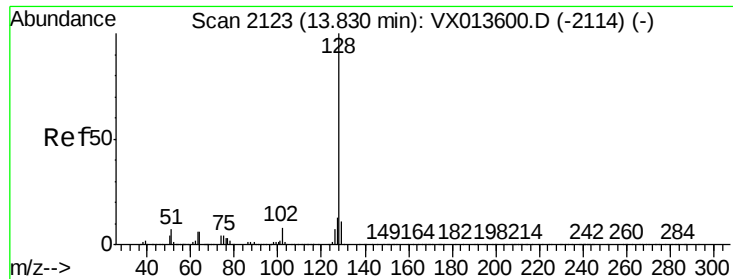
apatel
 12/6/2019 9:36:07 AM



#94
 Hexachlorobutadiene
 Concen: 18.957 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX013770.D
 Acq: 05 Dec 2019 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	87266		
223	63.6	31.9	95.5	
227	66.0	32.1	96.3	





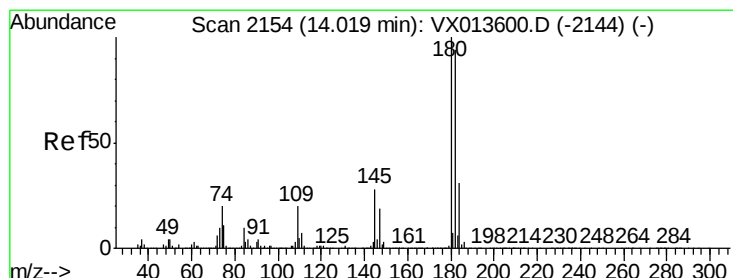
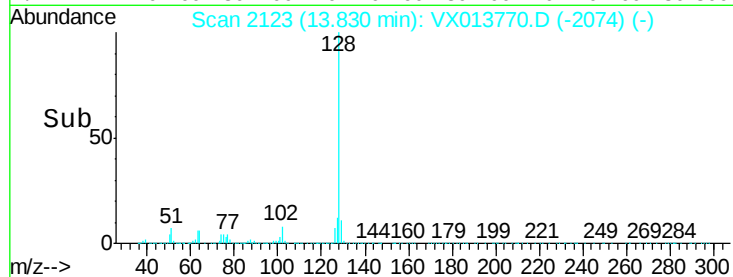
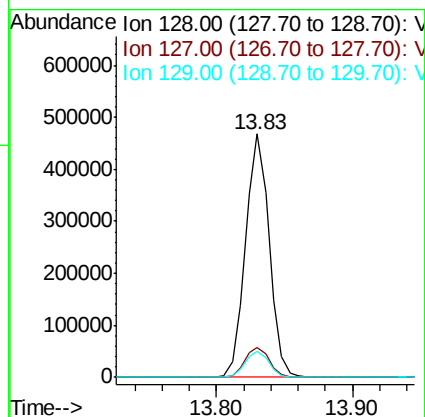
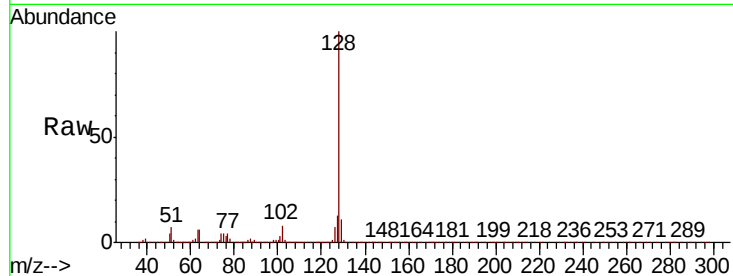
#95
Naphthalene
Concen: 19.950 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013770.D
Acq: 05 Dec 2019 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.9	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.544 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.01 min
Lab File: VX013770.D
Acq: 05 Dec 2019 12:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.0	47.6	142.8
145	29.8	15.0	45.0

