

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX120519\
 Data File : VX013771.D
 Acq On : 05 Dec 2019 13:04
 Operator : JC/SP
 Sample : VX1205WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205WBSD02

Manual Integrations
 APPROVED

apatel
 12/6/2019 9:36:09 AM

Quant Time: Dec 06 02:49:15 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	623738	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	938163	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	839527	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	428541	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	334781	46.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.48%	
35) Dibromofluoromethane	5.48	113	276688	47.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.42%	
50) Toluene-d8	8.71	98	1044112	46.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.42%	
62) 4-Bromofluorobenzene	11.13	95	380328	46.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.34%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	125912	18.136	ug/l	98
3) Chloromethane	1.32	50	135639	17.412	ug/l	100
4) Vinyl Chloride	1.40	62	156427	17.841	ug/l	100
5) Bromomethane	1.63	94	94430	16.037	ug/l	94
6) Chloroethane	1.72	64	91357	18.310	ug/l	94
7) Trichlorofluoromethane	1.92	101	178625	18.347	ug/l	99
8) Diethyl Ether	2.17	74	85137	19.329	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	112731	18.957	ug/l	98
10) Methyl Iodide	2.50	142	116907	16.251	ug/l	98
11) Tert butyl alcohol	3.03	59	149525	83.668	ug/l	98
12) 1,1-Dichloroethene	2.36	96	107898	18.177	ug/l	99
13) Acrolein	2.28	56	100735	88.265	ug/l	98
14) Allyl chloride	2.72	41	196226	18.216	ug/l	99
15) Acrylonitrile	3.12	53	345472	93.651	ug/l	99
16) Acetone	2.43	43	333647	93.339	ug/l	98
17) Carbon Disulfide	2.56	76	285526	16.874	ug/l	99
18) Methyl Acetate	2.76	43	200089	20.102	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	387402	19.701	ug/l	100
20) Methylene Chloride	2.84	84	130762	19.041	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	117083	18.106	ug/l	96
22) Diisopropyl ether	3.84	45	406699	19.607	ug/l	91
23) Vinyl Acetate	3.80	43	1674648	97.050	ug/l	100
24) 1,1-Dichloroethane	3.69	63	215778	19.030	ug/l	98
25) 2-Butanone	4.65	43	494619	93.105	ug/l	98
26) 2,2-Dichloropropane	4.56	77	169429	18.060	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	137266	18.484	ug/l	99
28) Bromochloromethane	5.00	49	90362	20.158	ug/l	100
29) Tetrahydrofuran	5.11	42	312124	95.305	ug/l	99
30) Chloroform	5.20	83	215509	18.741	ug/l	96
31) Cyclohexane	5.56	56	189863	17.752	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	177787	18.501	ug/l	99
36) 1,1-Dichloropropene	5.79	75	156984	18.434	ug/l	99
37) Ethyl Acetate	4.81	43	187721	19.649	ug/l	100
38) Carbon Tetrachloride	5.77	117	149981	19.099	ug/l	96

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 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	195420	18.564	ug/l	99
40) Benzene	6.13	78	488101	18.818	ug/l	99
41) Methacrylonitrile	5.03	41	102432	19.550	ug/l	98
42) 1,2-Dichloroethane	6.18	62	180266	20.379	ug/l	99
43) Isopropyl Acetate	6.43	43	307377	19.542	ug/l	99
44) Trichloroethene	7.20	130	130125	18.280	ug/l	97
45) 1,2-Dichloropropane	7.51	63	130891	20.170	ug/l	95
46) Dibromomethane	7.65	93	85506	19.400	ug/l	98
47) Bromodichloromethane	7.89	83	165312	19.840	ug/l	96
48) Methyl methacrylate	7.76	41	150284	19.665	ug/l	98
49) 1,4-Dioxane	7.73	88	62080	362.911	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	968297	97.870	ug/l	99
52) Toluene	8.78	92	308276	19.132	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	181933	19.183	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	201806	19.476	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	129165	19.892	ug/l	98
56) Ethyl methacrylate	9.17	69	207041	19.832	ug/l	99
57) 1,3-Dichloropropane	9.36	76	216936	19.382	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	366298	89.491	ug/l	98
59) 2-Hexanone	9.48	43	733121	95.009	ug/l	100
60) Dibromochloromethane	9.57	129	136545	20.263	ug/l	100
61) 1,2-Dibromoethane	9.67	107	138687	19.998	ug/l	97
64) Tetrachloroethene	9.33	164	122604	19.583	ug/l	98
65) Chlorobenzene	10.14	112	335216	19.232	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	124538	19.897	ug/l	99
67) Ethyl Benzene	10.25	91	587092	19.601	ug/l	98
68) m/p-Xylenes	10.36	106	450858	39.317	ug/l	99
69) o-Xylene	10.70	106	219353	19.613	ug/l	99
70) Styrene	10.71	104	371378	19.740	ug/l	99
71) Bromoform	10.85	173	102540	19.800	ug/l #	97
73) Isopropylbenzene	11.01	105	577871	19.224	ug/l	100
74) N-amyl acetate	10.89	43	260982	18.952	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	203740	19.544	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	161002m	16.704	ug/l	
77) Bromobenzene	11.25	156	155652	19.167	ug/l	98
78) n-propylbenzene	11.35	91	643400	19.173	ug/l	99
79) 2-Chlorotoluene	11.42	91	390316	19.390	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	483222	19.613	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	62745	17.809	ug/l	99
82) 4-Chlorotoluene	11.51	91	446340	19.144	ug/l	99
83) tert-Butylbenzene	11.76	119	494549	19.751	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	485712	19.425	ug/l	100
85) sec-Butylbenzene	11.94	105	559749	19.572	ug/l	100
86) p-Isopropyltoluene	12.06	119	517751	19.460	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	270833	19.132	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	270383	18.752	ug/l	100
89) n-Butylbenzene	12.39	91	426913	18.813	ug/l	99
90) Hexachloroethane	12.59	117	90401	18.798	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	271743	19.429	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	42691	18.805	ug/l	98

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ClientSampleId :
VX1205WBSD02

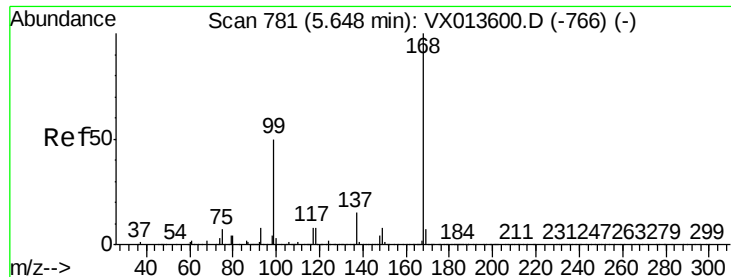
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
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QLast Update : Tue Nov 26 15:53:00 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	181610	18.631	ug/l	99
94) Hexachlorobutadiene	13.78	225	86128	18.393	ug/l	99
95) Naphthalene	13.83	128	553397	19.063	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	183344	18.996	ug/l	100

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



#1

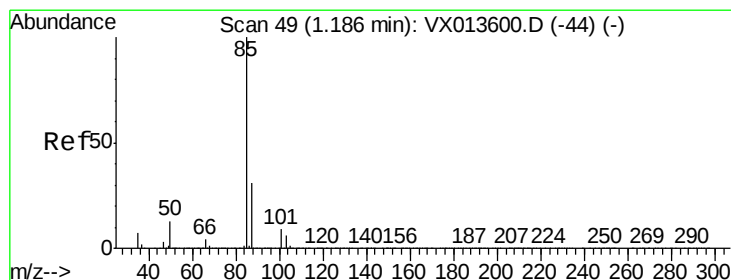
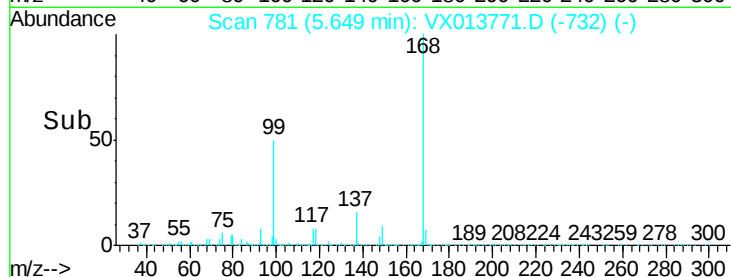
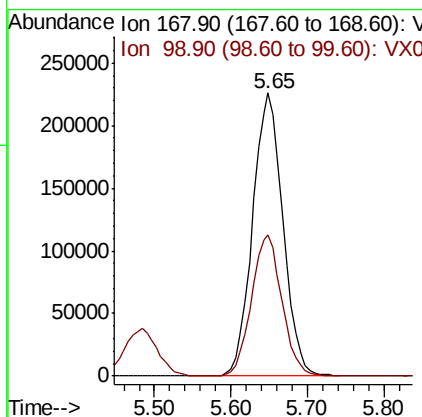
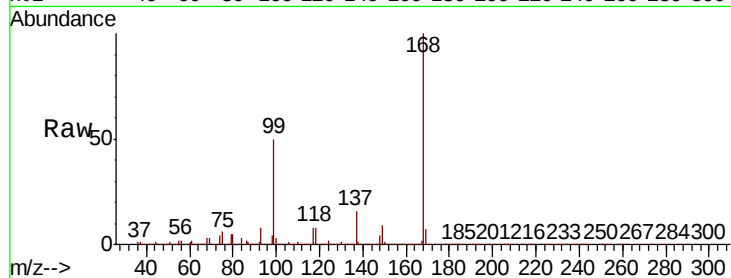
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.00 min
Lab File: VX013771.D
Acq: 05 Dec 2019 13:04

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD02

Tot Ion	Ratio	Lower	Upper
168	100		
99	50.0	39.8	59.8

Manual Integrations
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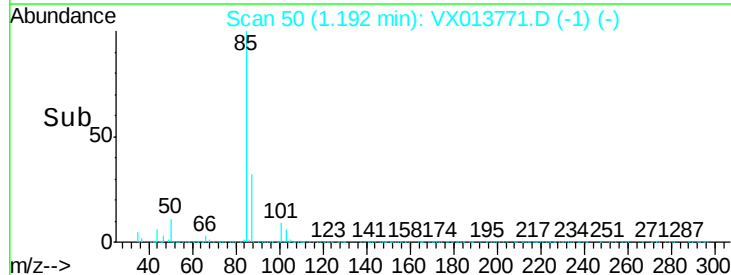
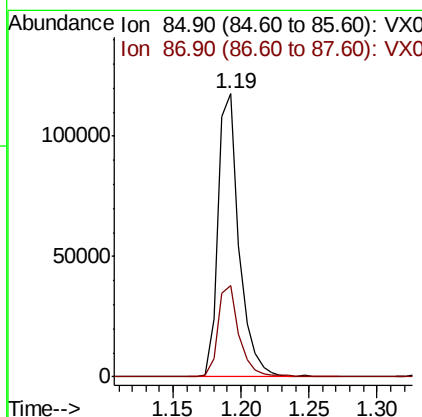
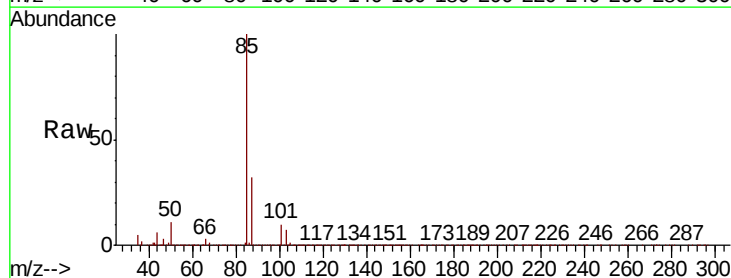
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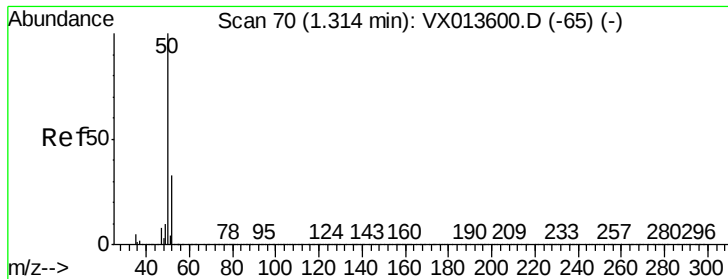


#2

Dichlorodifluoromethane
Concen: 18.136 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.01 min
Lab File: VX013771.D
Acq: 05 Dec 2019 13:04

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.2	15.7	47.1





#3

Chloromethane

Concen: 17.412 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBSD02

Tot Ion: 50 Resp: 135639

Ion Ratio Lower Upper

50 100

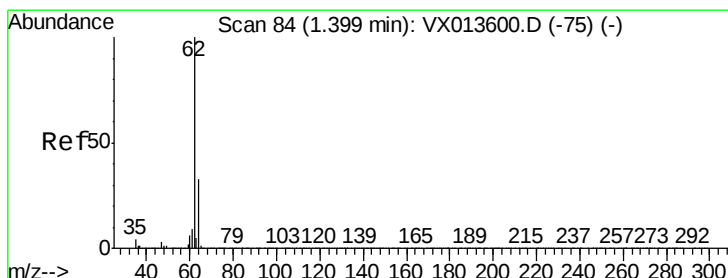
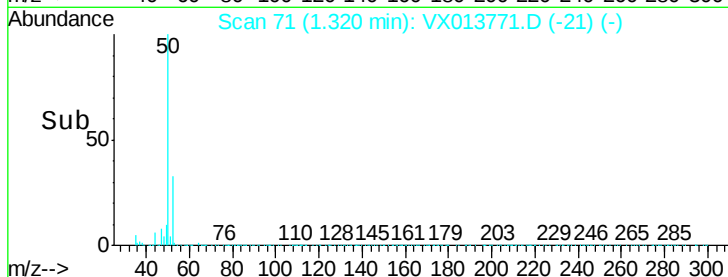
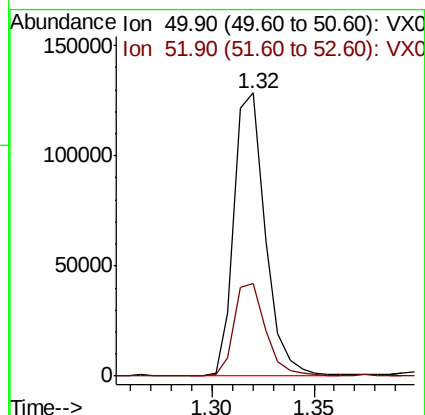
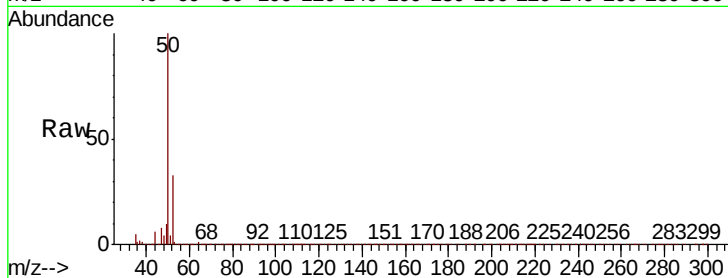
52 32.8 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 17.841 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013771.D

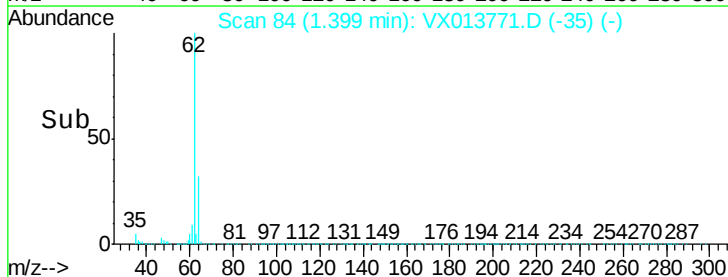
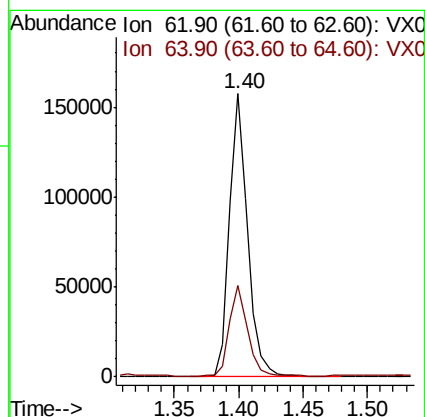
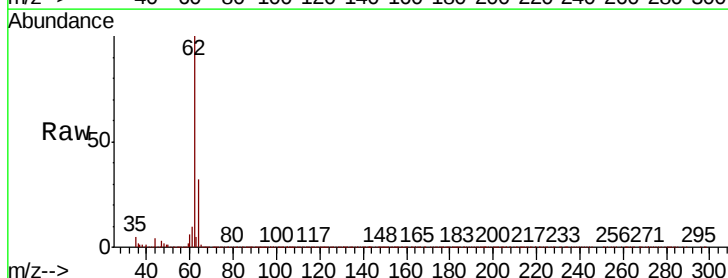
Acq: 05 Dec 2019 13:04

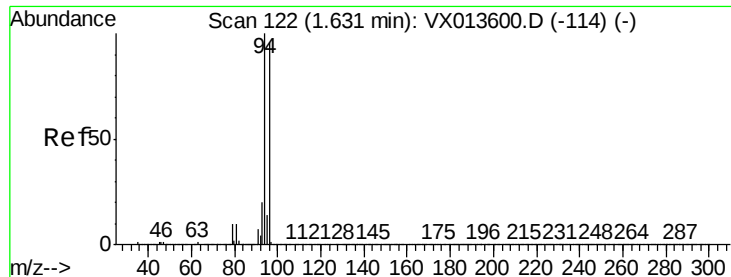
Tgt Ion: 62 Resp: 156427

Ion Ratio Lower Upper

62 100

64 32.2 26.0 39.0





#5

Bromomethane

Concen: 16.037 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBSD02

Tot Ion: 94 Resp: 94430

Ion Ratio Lower Upper

94 100

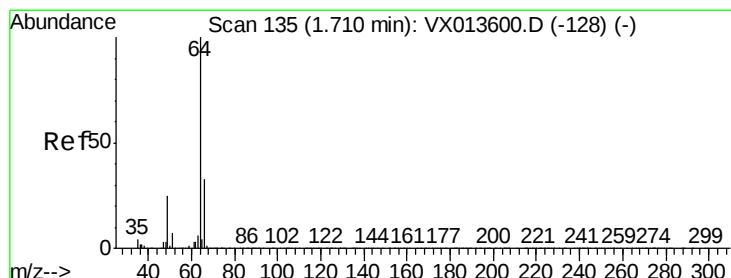
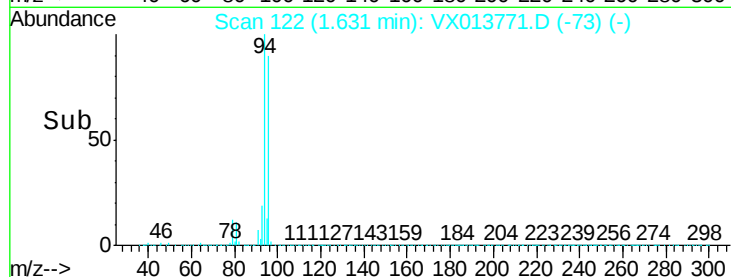
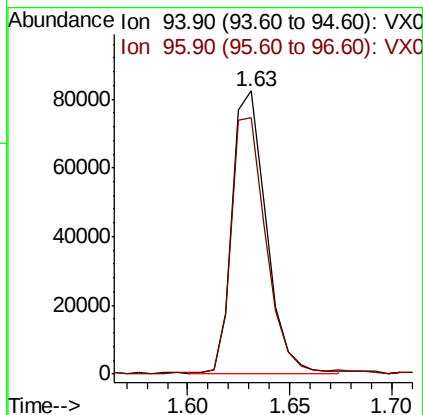
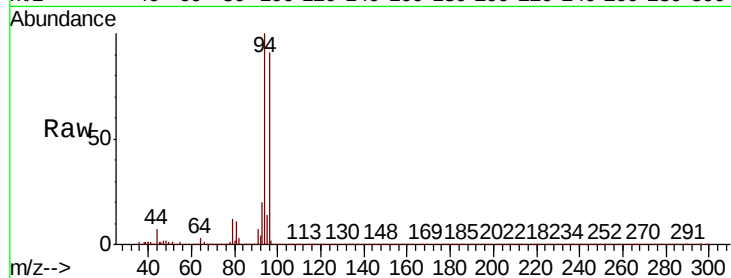
96 90.2 77.0 115.4

Manual Integrations

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#6

Chloroethane

Concen: 18.310 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013771.D

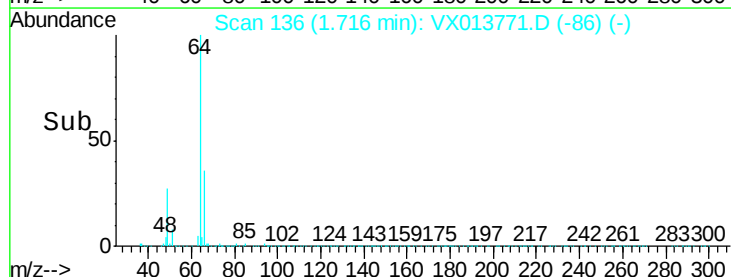
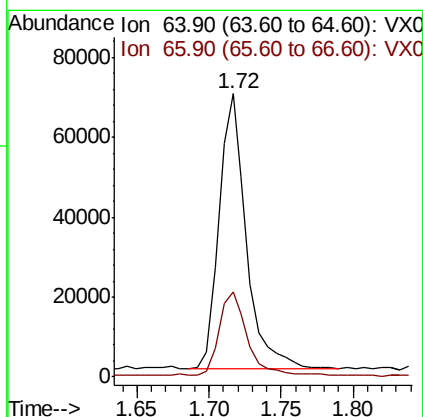
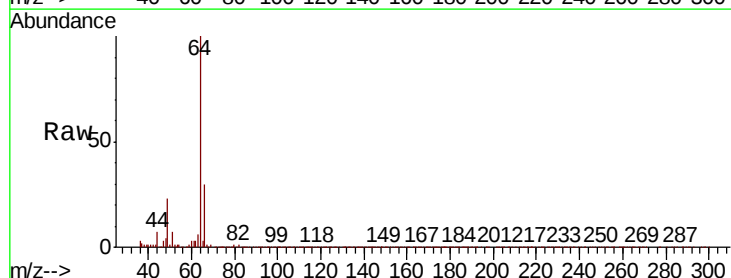
Acq: 05 Dec 2019 13:04

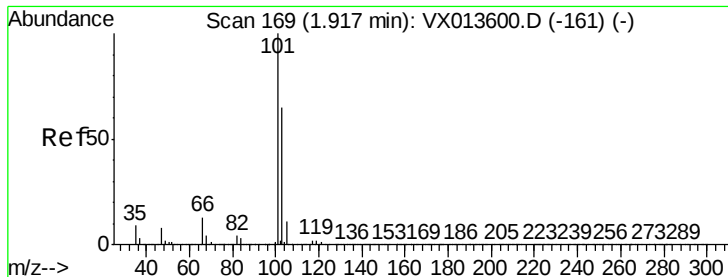
Tgt Ion: 64 Resp: 91357

Ion Ratio Lower Upper

64 100

66 30.1 26.7 40.1





#7

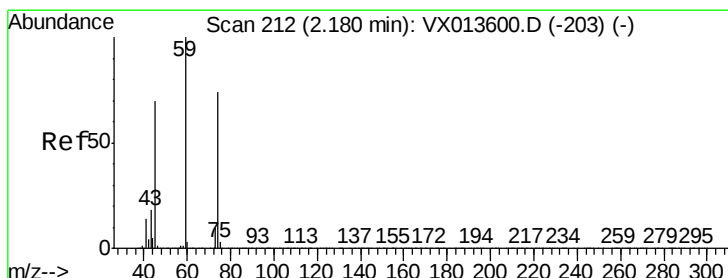
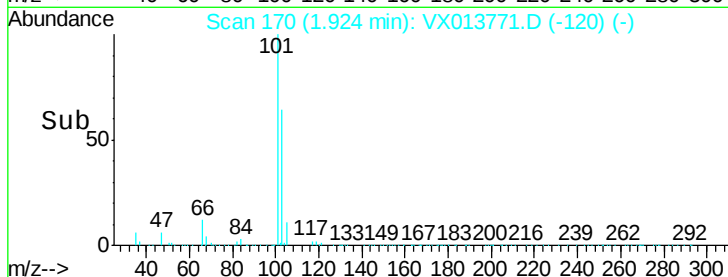
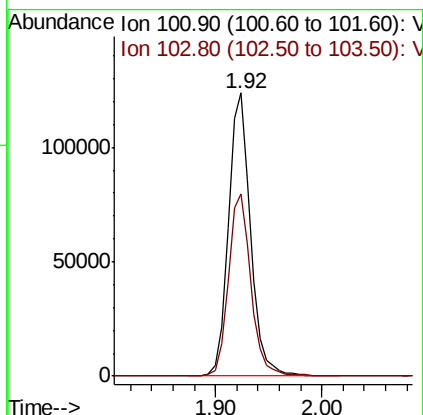
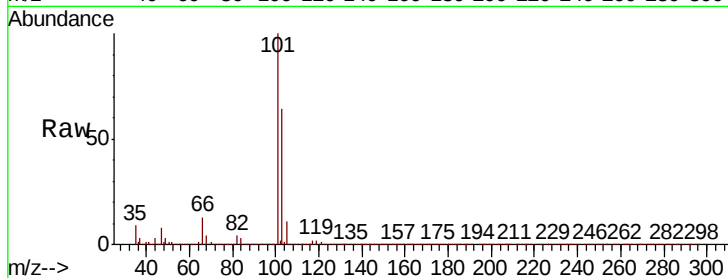
Trichlorofluoromethane
Concen: 18.347 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013771.D
Acq: 05 Dec 2019 13:04

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD02

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.0	51.8	77.6

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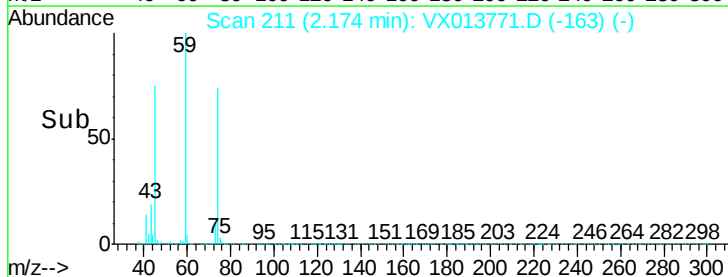
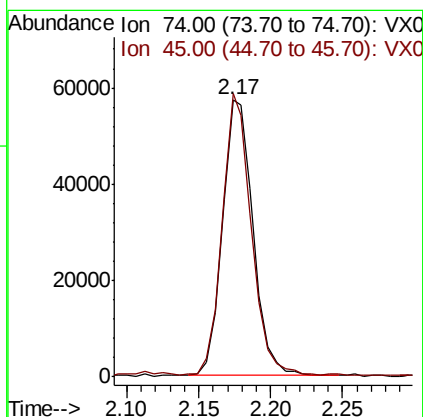
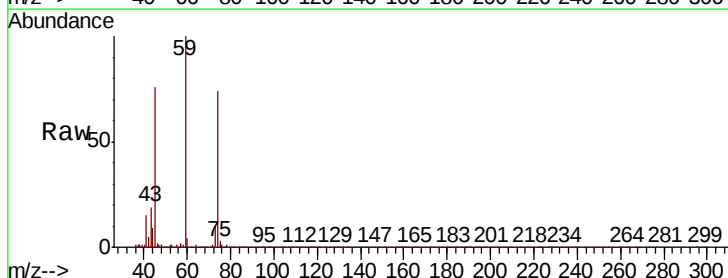
apatel
12/6/2019 9:36:09 AM

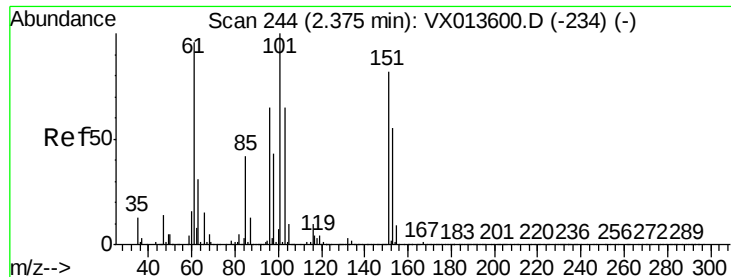


#8

Diethyl Ether
Concen: 19.329 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX013771.D
Acq: 05 Dec 2019 13:04

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.6	48.9	146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.957 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

Instrument :

MSVOA_X

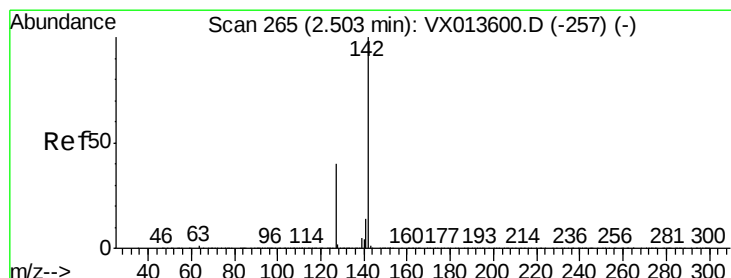
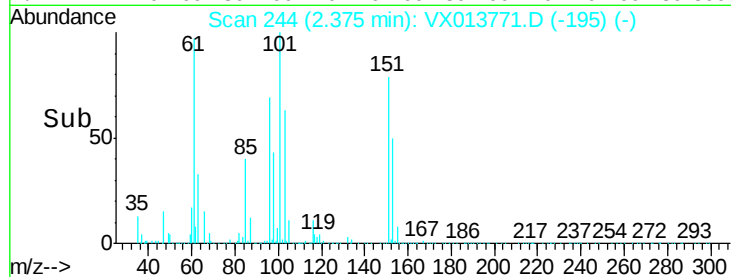
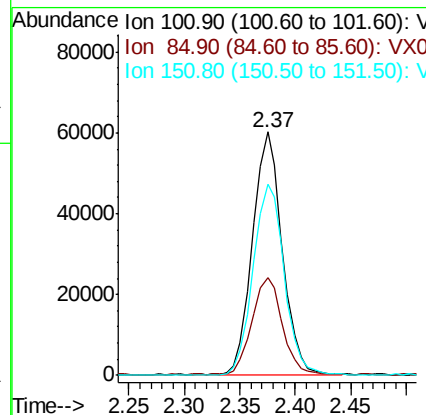
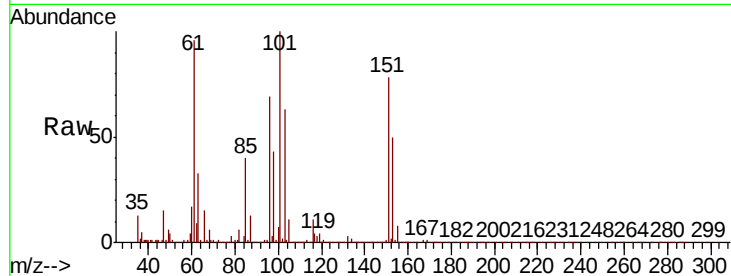
ClientSampleId :

VX1205WBSD02

Tot Ion:	101	Resp:	112731
Ion Ratio	Lower	Upper	
101	100		
85	41.7	33.9	50.9
151	82.2	64.2	96.2

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#10

Methyl Iodide

Concen: 16.251 ug/l

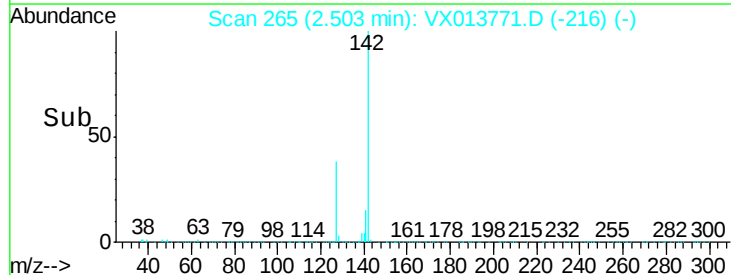
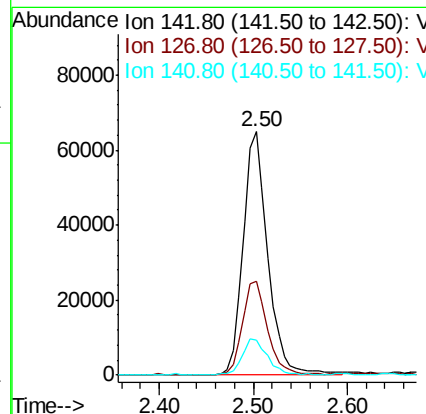
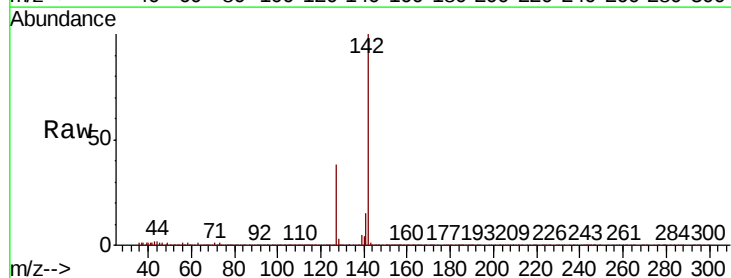
RT: 2.50 min Scan# 265

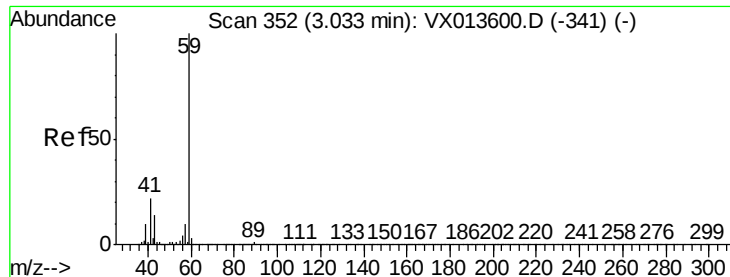
Delta R.T. 0.00 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

Tgt Ion:	142	Resp:	116907
Ion Ratio	Lower	Upper	
142	100		
127	39.8	31.0	46.4
141	15.1	11.6	17.4





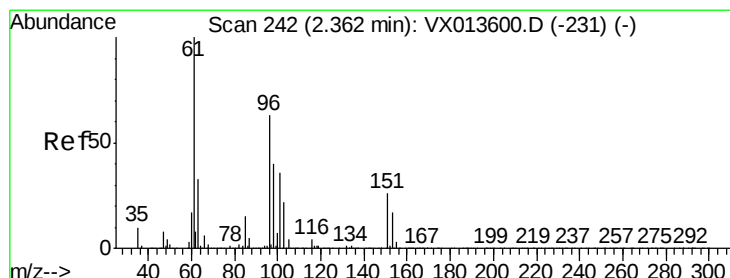
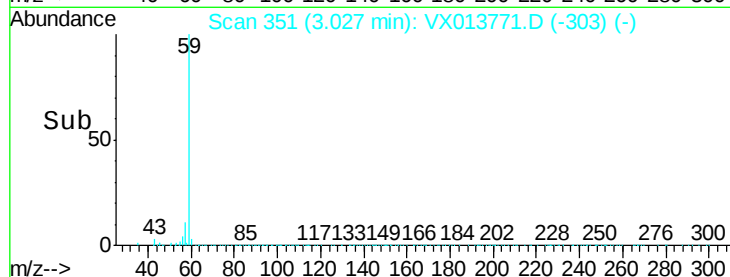
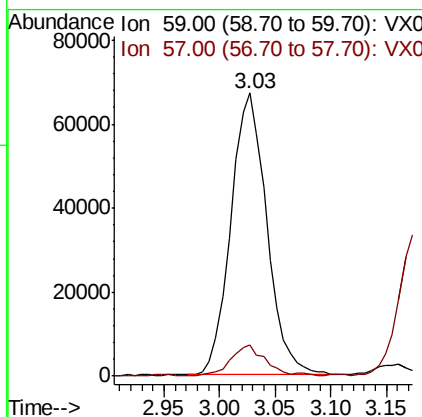
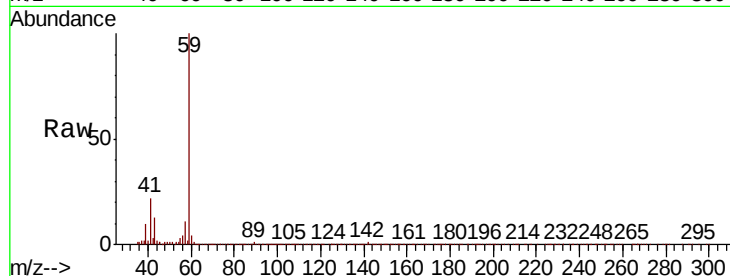
#11
Tert butyl alcohol
Concen: 83.668 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013771.D
Acq: 05 Dec 2019 13:04

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD02

Tot Ion: 59 Resp: 149525
Ion Ratio Lower Upper
59 100
57 10.5 7.8 11.6

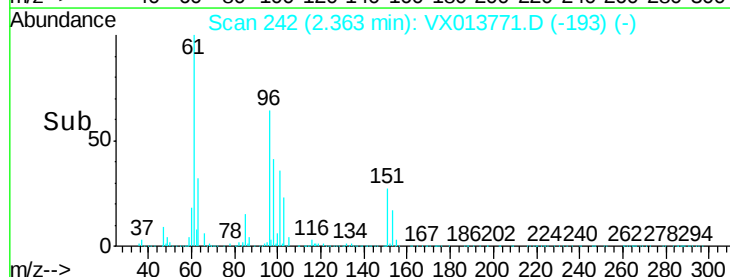
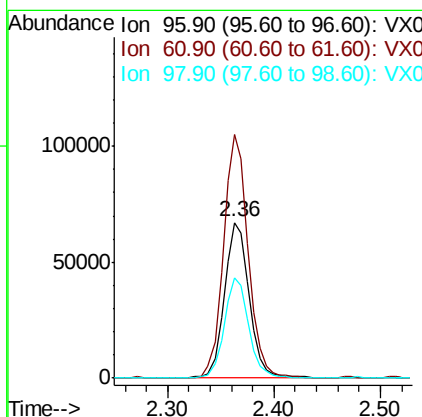
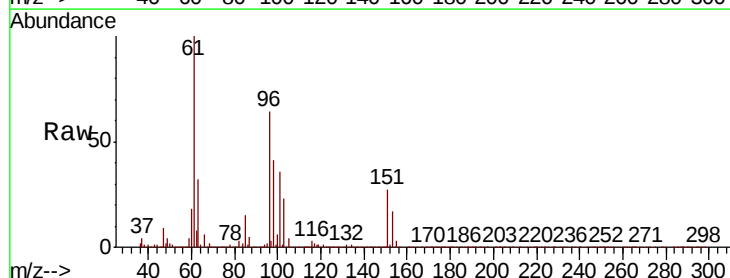
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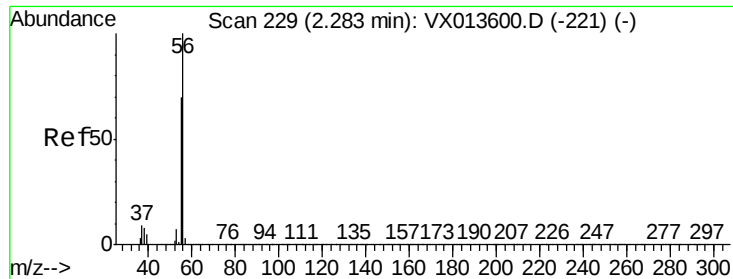
apatel
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#12
1,1-Dichloroethene
Concen: 18.177 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013771.D
Acq: 05 Dec 2019 13:04

Tgt Ion: 96 Resp: 107898
Ion Ratio Lower Upper
96 100
61 156.6 126.6 190.0
98 64.5 50.6 76.0





#13

Acrolein

Concen: 88.265 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBSD02

Tot Ion: 56 Resp: 100735

Ion Ratio Lower Upper

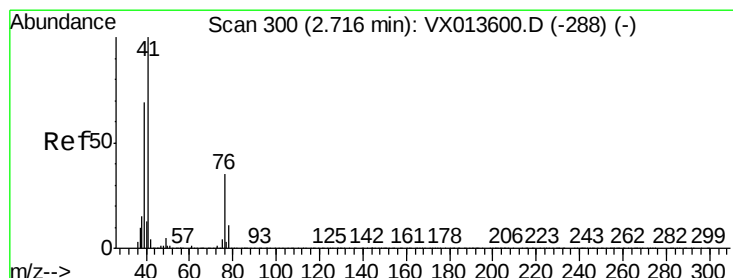
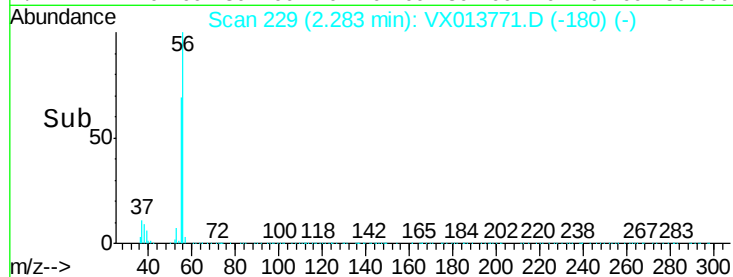
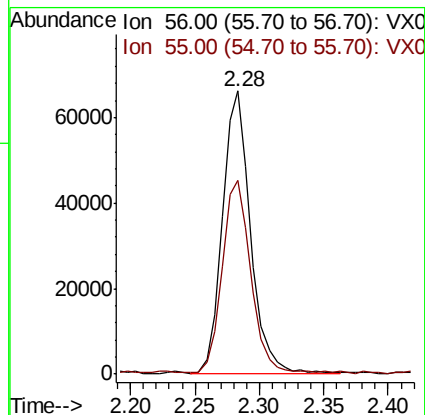
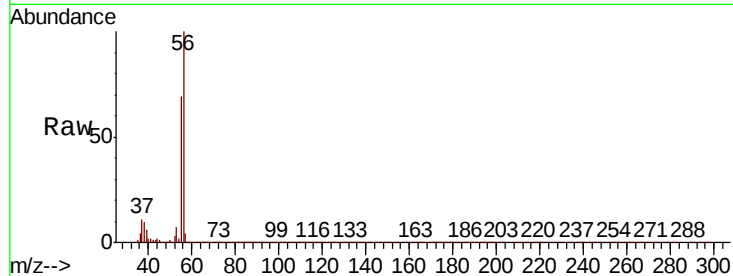
56 100

55 69.0 56.2 84.4

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#14

Allyl chloride

Concen: 18.216 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

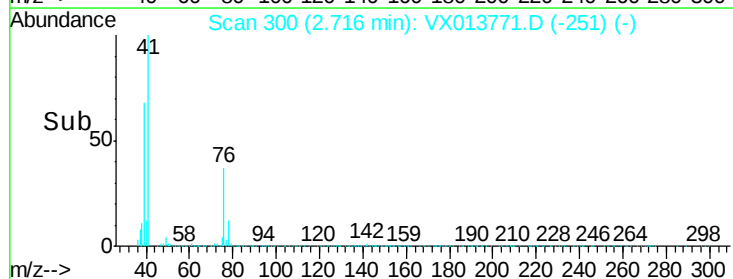
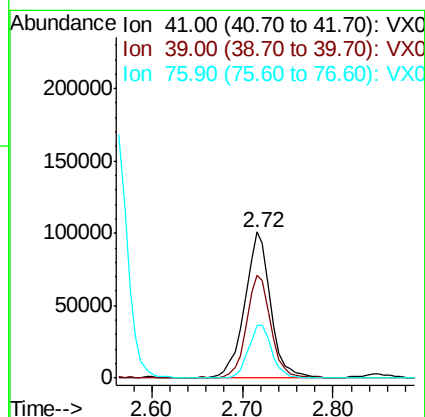
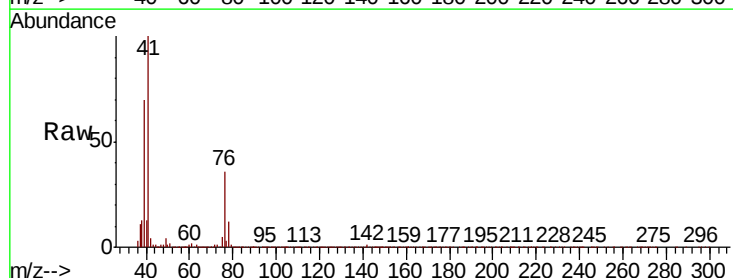
Tgt Ion: 41 Resp: 196226

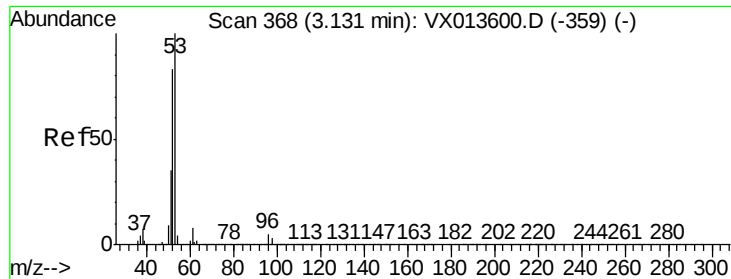
Ion Ratio Lower Upper

41 100

39 65.5 51.7 77.5

76 32.9 25.9 38.9





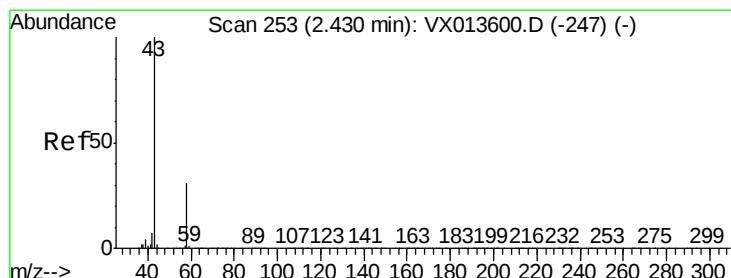
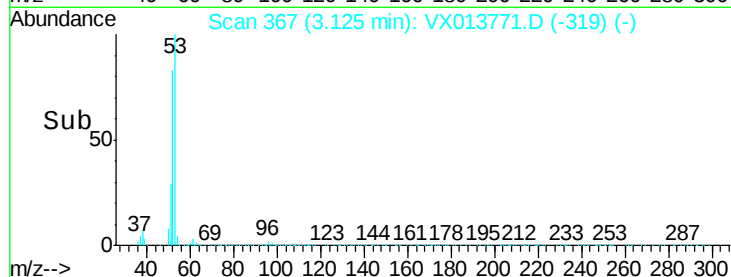
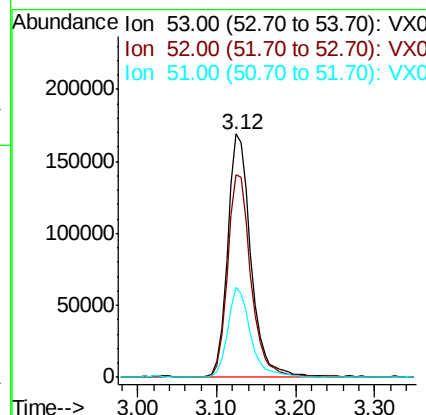
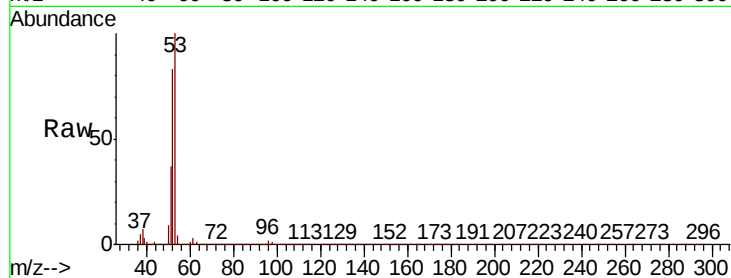
#15
 Acrylonitrile
 Concen: 93.651 ug/l
 RT: 3.12 min Scan# 367
 Delta R.T. -0.01 min
 Lab File: VX013771.D
 Acq: 05 Dec 2019 13:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205WBSD02

Tot Ion:	53	Resp:	345472
Ion Ratio	Lower	Upper	
53	100		
52	83.2	66.2	99.2
51	36.0	29.0	43.6

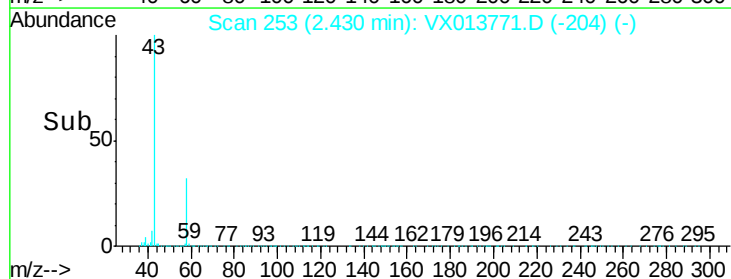
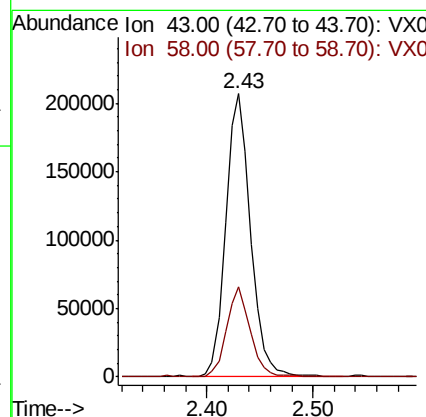
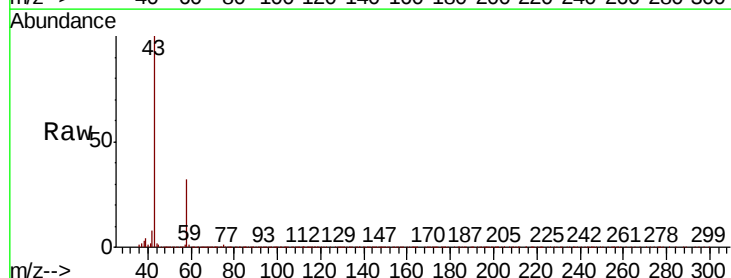
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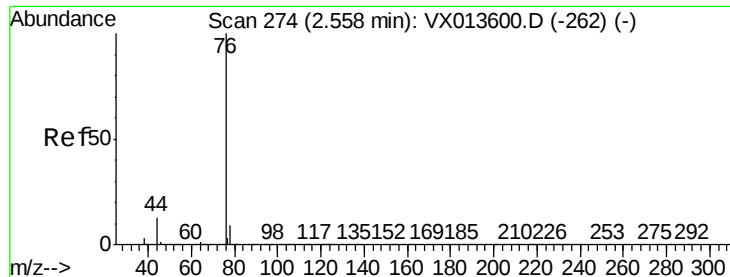
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#16
 Acetone
 Concen: 93.339 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. 0.00 min
 Lab File: VX013771.D
 Acq: 05 Dec 2019 13:04

Tgt Ion:	43	Resp:	333647
Ion Ratio	Lower	Upper	
43	100		
58	31.8	24.6	36.8





#17

Carbon Disulfide

Concen: 16.874 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBSD02

Tot Ion: 76 Resp: 285526

Ion Ratio Lower Upper

76 100

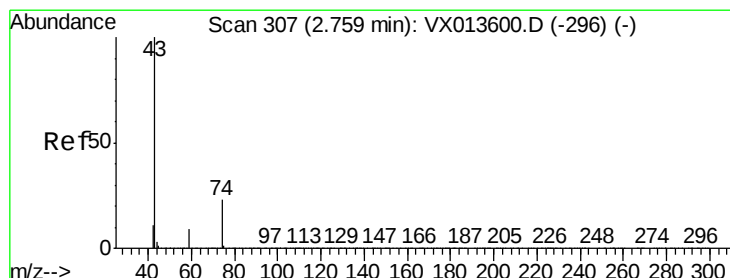
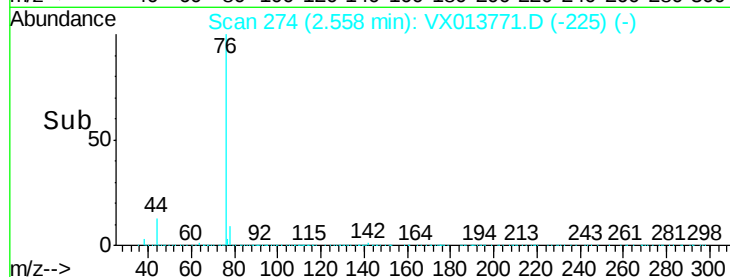
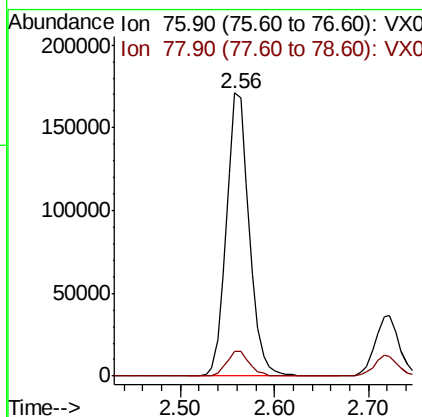
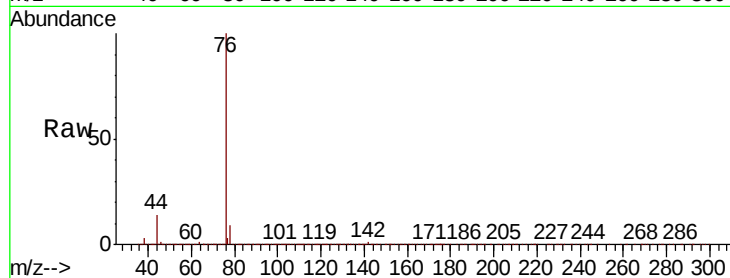
78 8.7 7.2 10.8

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#18

Methyl Acetate

Concen: 20.102 ug/l

RT: 2.76 min Scan# 307

Delta R.T. 0.00 min

Lab File: VX013771.D

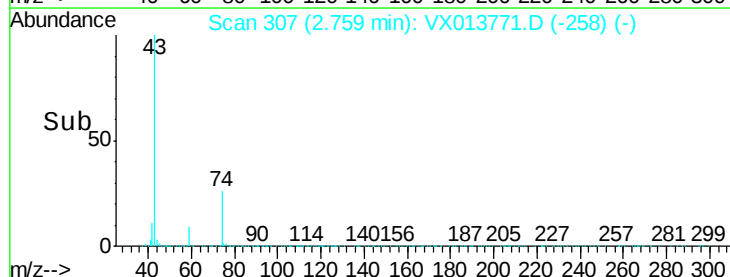
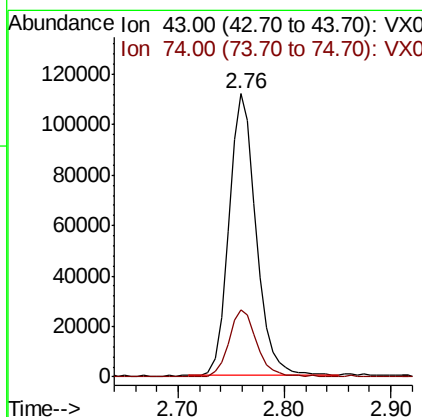
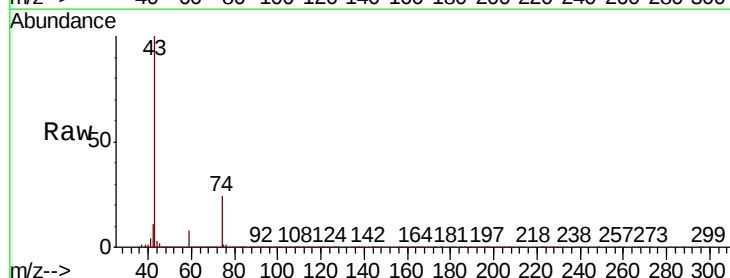
Acq: 05 Dec 2019 13:04

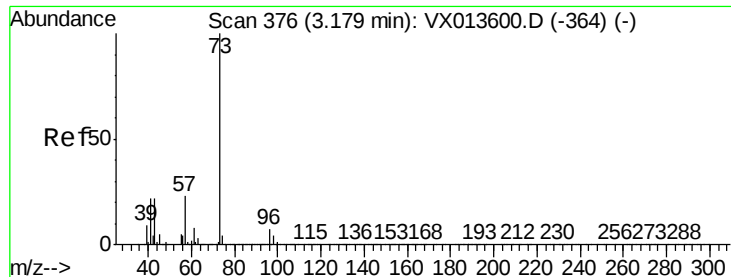
Tgt Ion: 43 Resp: 200089

Ion Ratio Lower Upper

43 100

74 23.5 19.5 29.3





#19

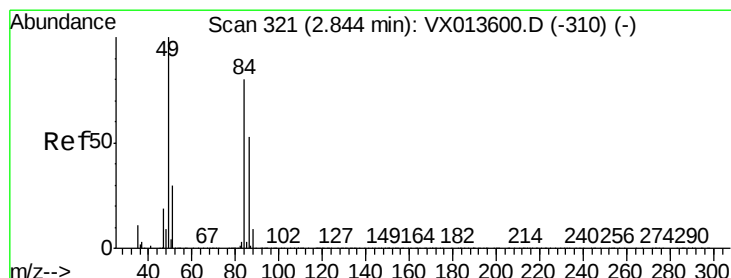
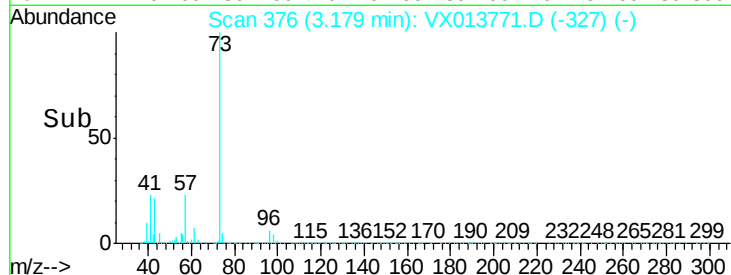
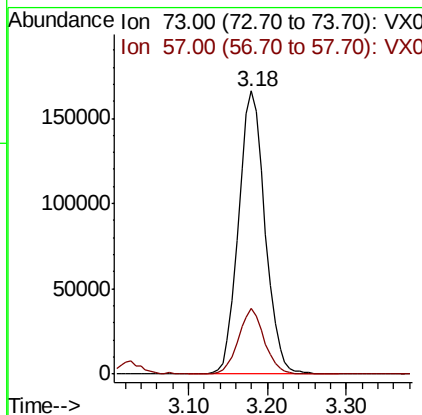
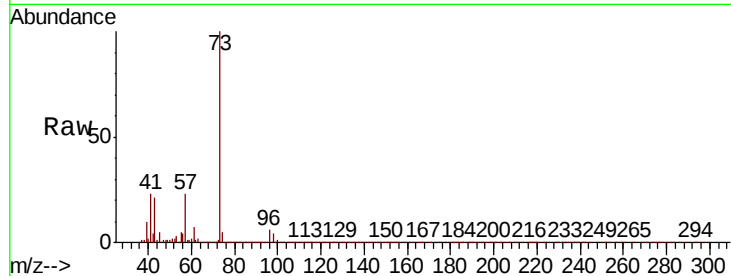
Methyl tert-butyl Ether
 Concen: 19.701 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. 0.00 min
 Lab File: VX013771.D
 Acq: 05 Dec 2019 13:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205WBSD02

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.1	18.3	27.5

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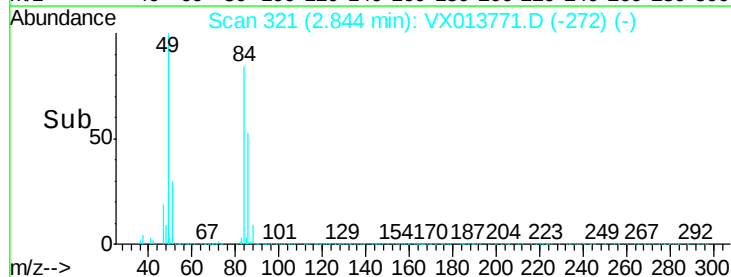
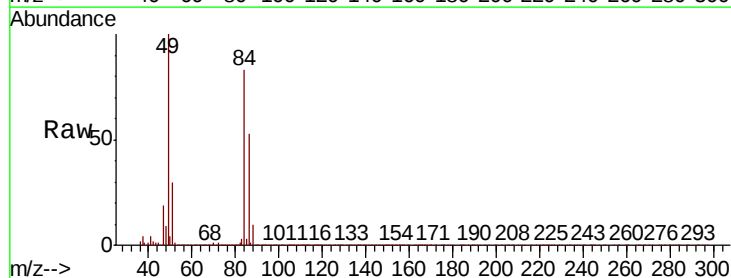
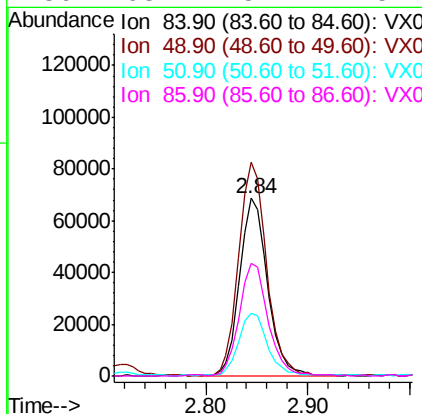
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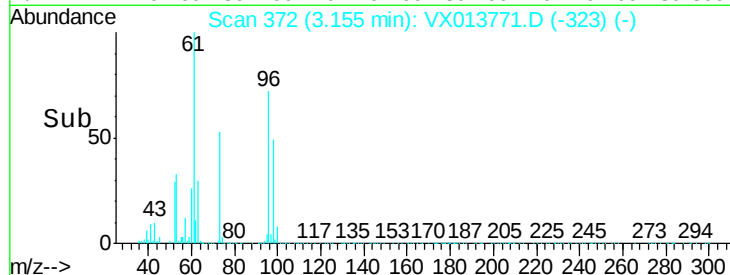
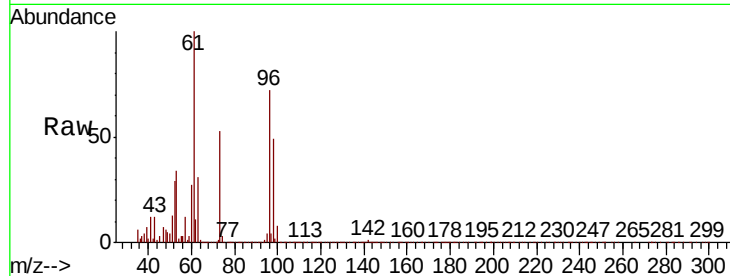
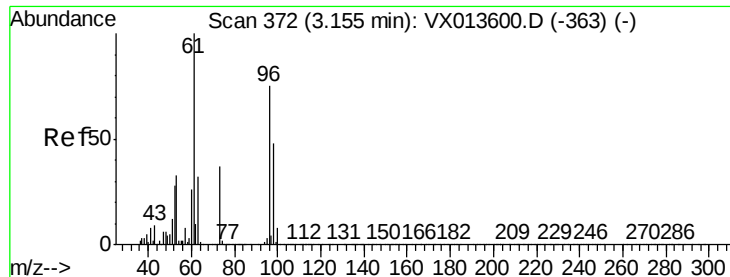


#20

Methylene Chloride
 Concen: 19.041 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. 0.00 min
 Lab File: VX013771.D
 Acq: 05 Dec 2019 13:04

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.0	99.7	149.5
51	35.1	29.9	44.9
86	63.2	52.2	78.4





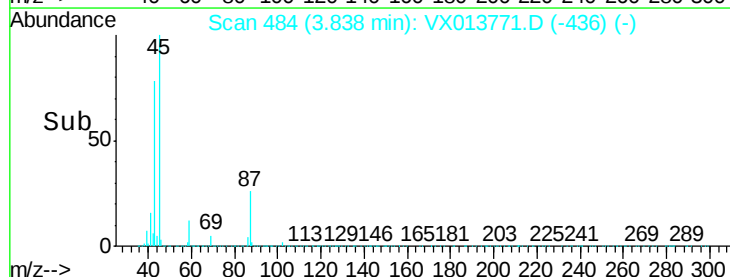
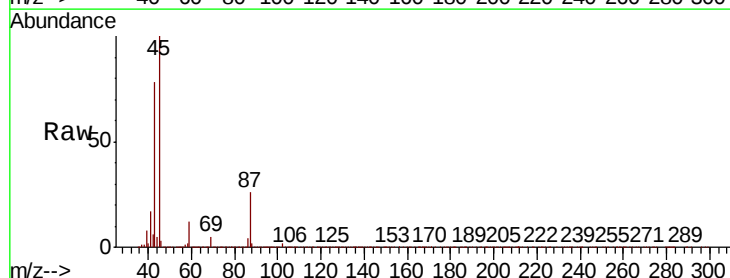
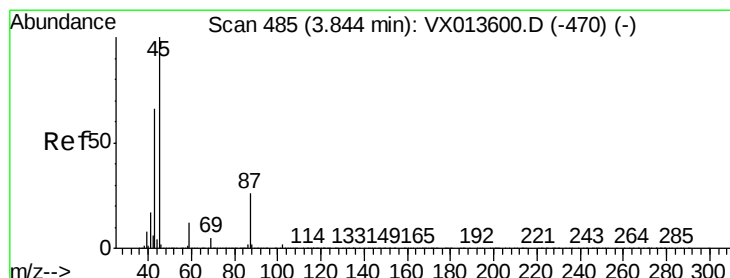
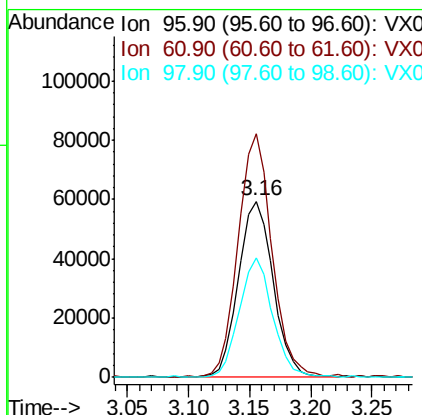
#21
trans-1,2-Dichloroethene
Concen: 18.106 ug/l
RT: 3.16 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX013771.D
Acq: 05 Dec 2019 13:04

Tot Ion	Ratio	Lower	Upper
96	100		
61	137.9	107.2	160.8
98	67.5	51.4	77.0

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD02

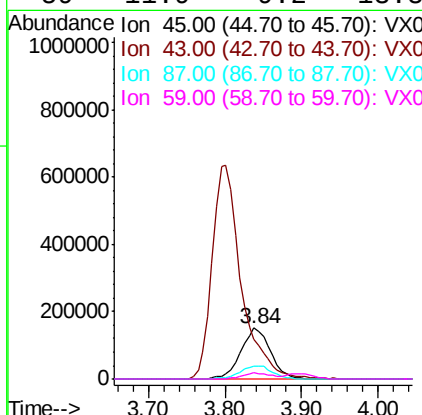
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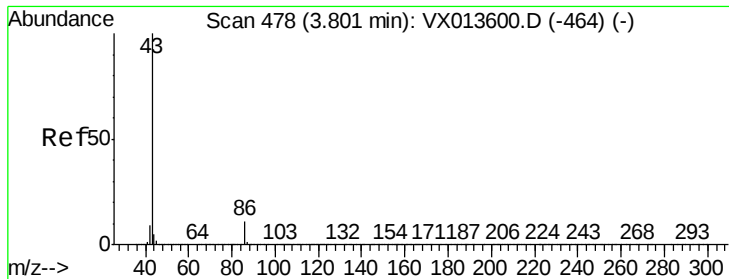
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#22
Diisopropyl ether
Concen: 19.607 ug/l
RT: 3.84 min Scan# 484
Delta R.T. -0.01 min
Lab File: VX013771.D
Acq: 05 Dec 2019 13:04

Tgt Ion	Ratio	Lower	Upper
45	100		
43	76.9	52.6	79.0
87	25.9	21.1	31.7
59	11.9	9.2	13.8





#23

Vinyl Acetate

Concen: 97.050 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBSD02

Tot Ion: 43 Resp: 1674648

Ion Ratio Lower Upper

43 100

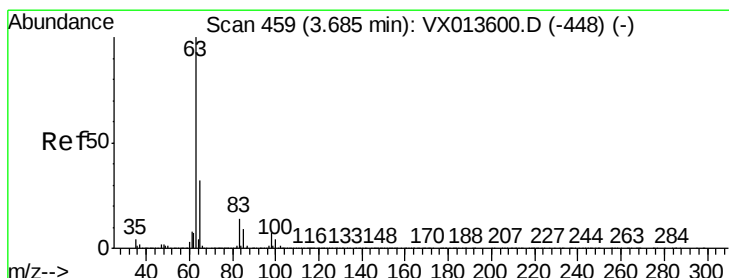
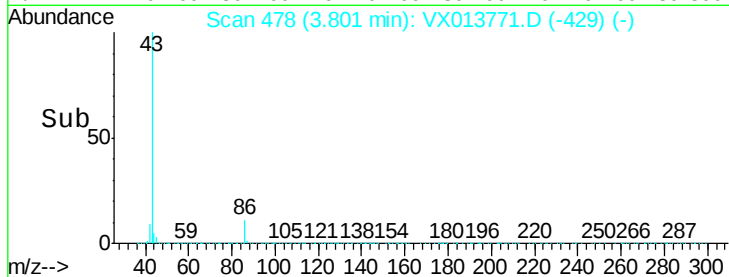
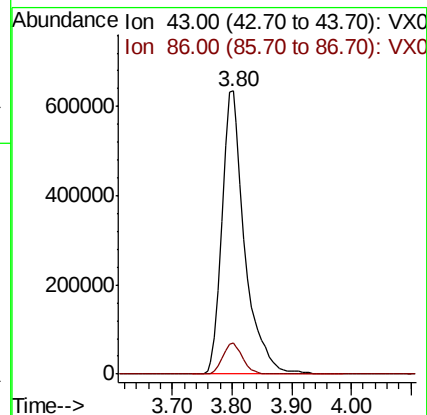
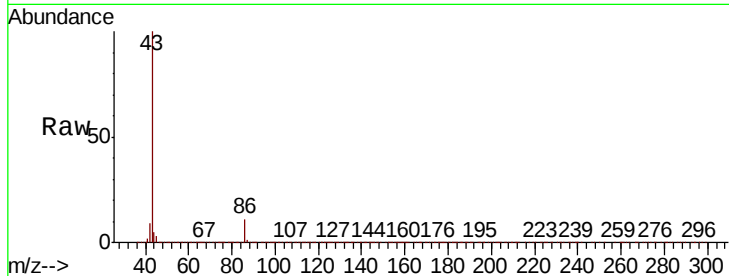
86 10.9 8.7 13.1

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#24

1,1-Dichloroethane

Concen: 19.030 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

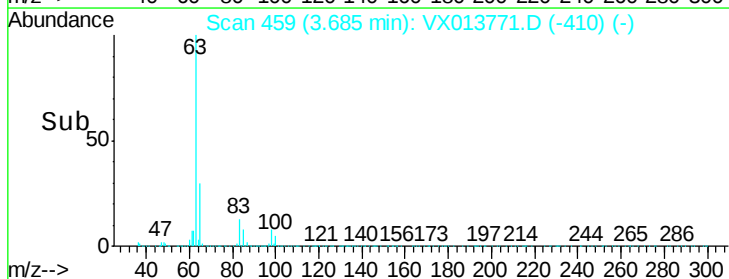
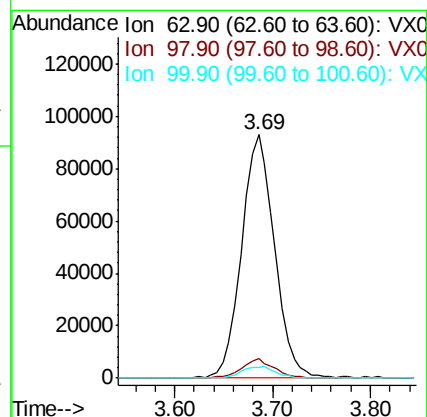
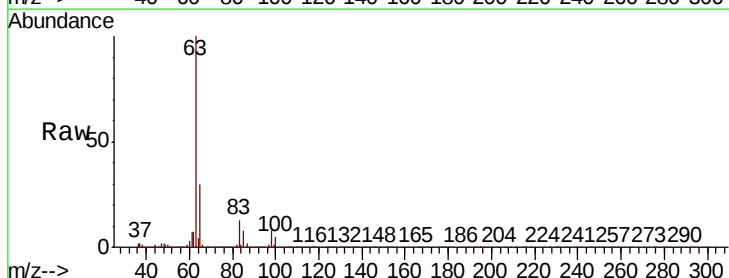
Tgt Ion: 63 Resp: 215778

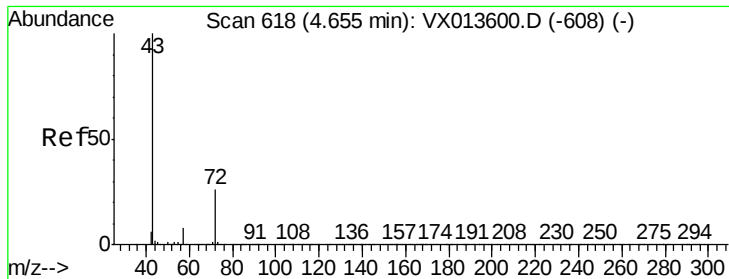
Ion Ratio Lower Upper

63 100

98 7.8 3.5 10.4

100 4.5 2.1 6.3





#25

2-Butanone

Concen: 93.105 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBSD02

Tot Ion: 43 Resp: 494619

Ion Ratio Lower Upper

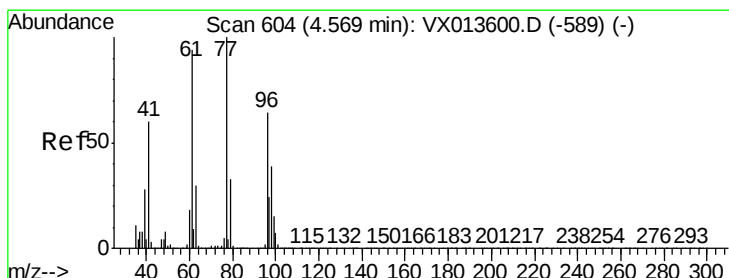
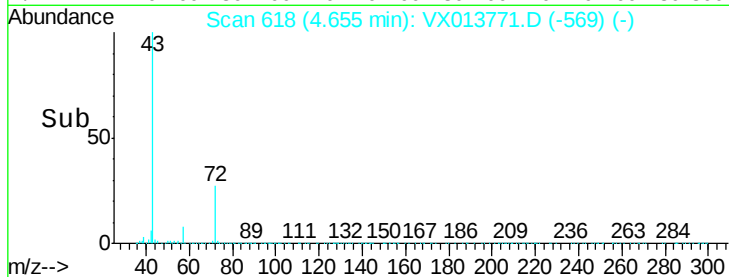
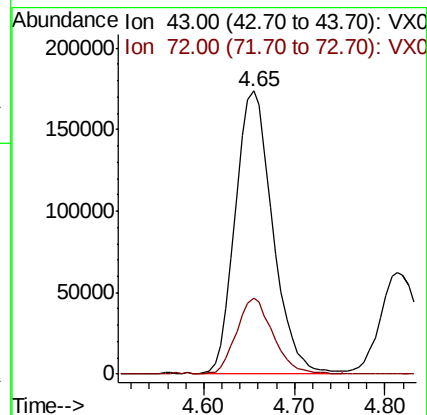
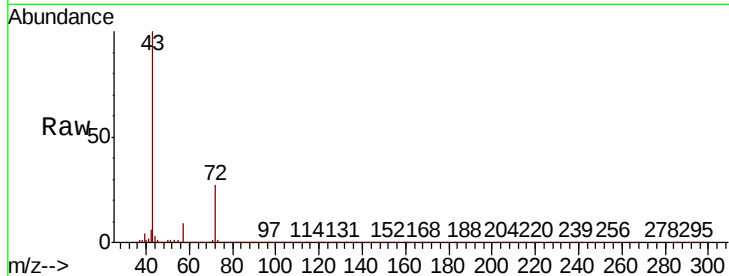
43 100

72 26.7 20.6 31.0

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#26

2,2-Dichloropropane

Concen: 18.060 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX013771.D

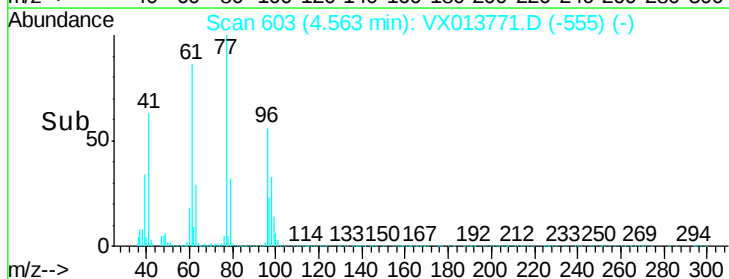
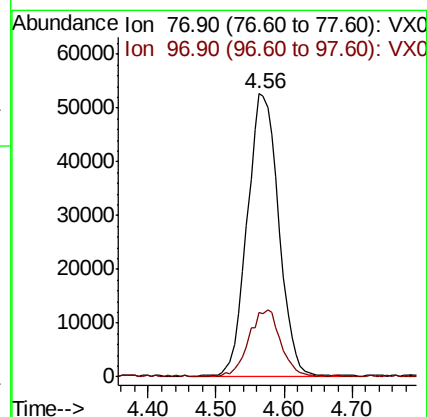
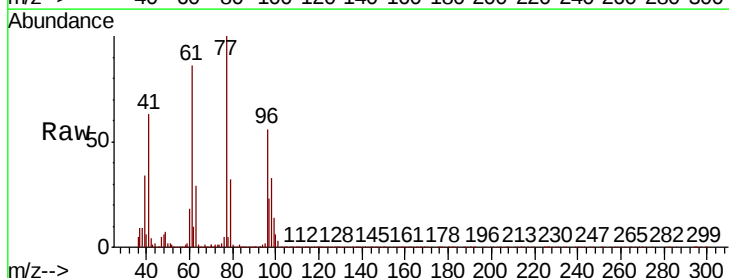
Acq: 05 Dec 2019 13:04

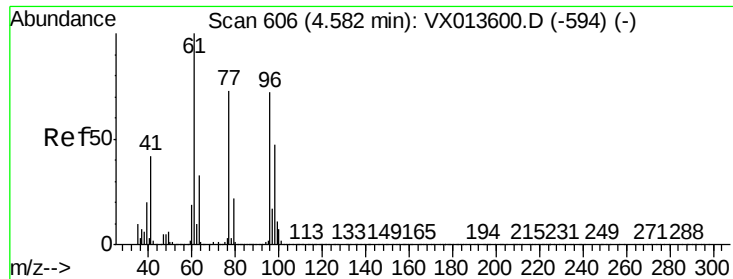
Tgt Ion: 77 Resp: 169429

Ion Ratio Lower Upper

77 100

97 24.1 12.0 36.1





#27

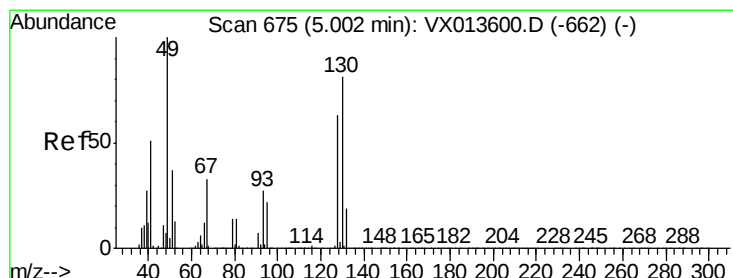
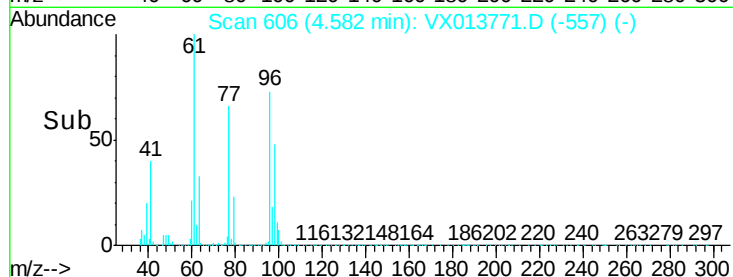
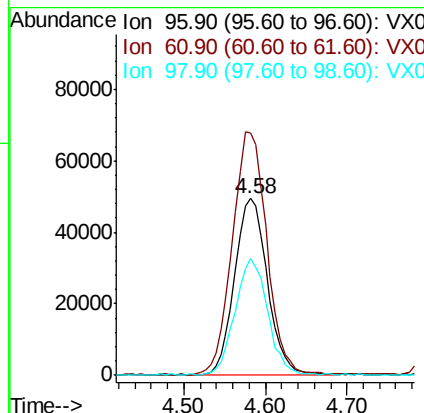
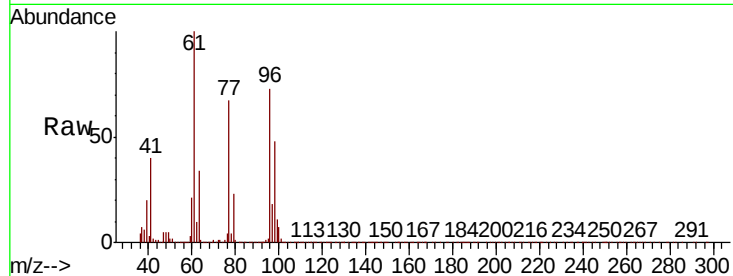
cis-1,2-Dichloroethene
Concen: 18.484 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX013771.D
Acq: 05 Dec 2019 13:04

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD02

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.4	0.0	286.4
98	65.5	0.0	127.4

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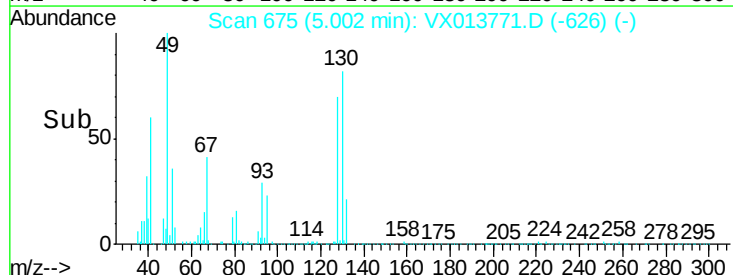
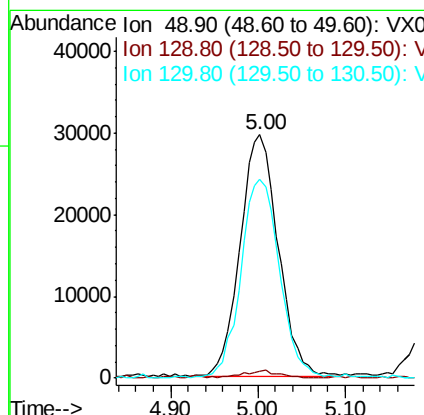
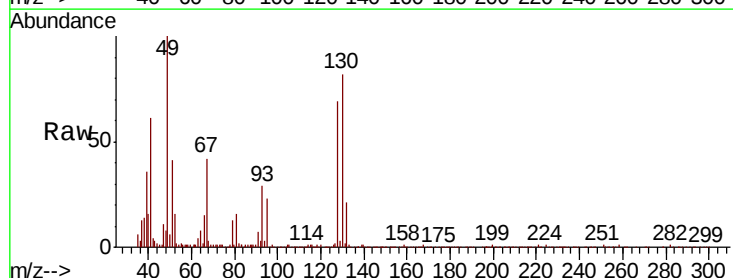
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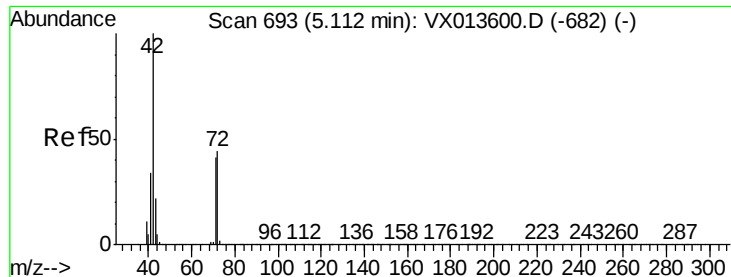


#28

Bromochloromethane
Concen: 20.158 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013771.D
Acq: 05 Dec 2019 13:04

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	5.0
130	81.9	65.4	98.0





#29

Tetrahydrofuran

Concen: 95.305 ug/l

RT: 5.11 min Scan# 693

Delta R.T. 0.00 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

Instrument :

MSVOA_X

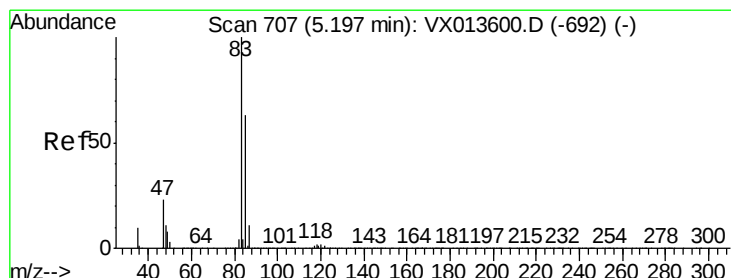
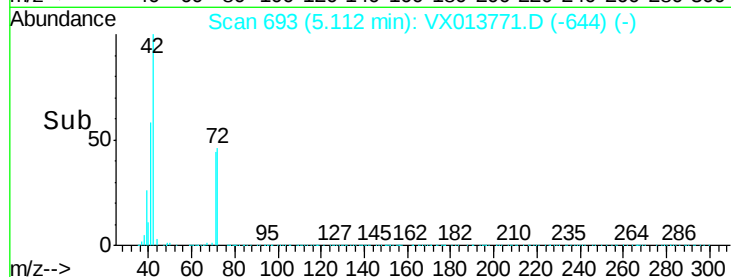
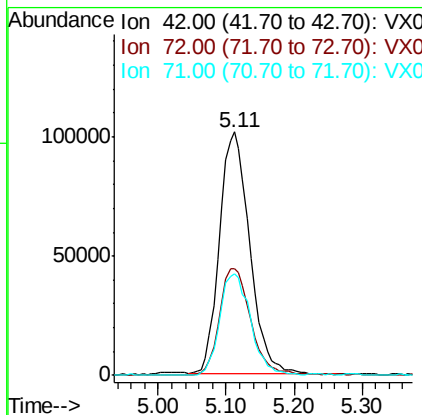
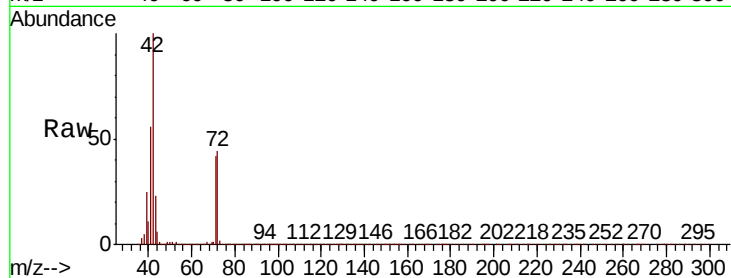
ClientSampleId :

VX1205WBSD02

Tot Ion:	42	Resp:	312124
Ion Ratio		Lower	Upper
42	100		
72	45.3	36.3	54.5
71	42.7	33.2	49.8

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#30

Chloroform

Concen: 18.741 ug/l

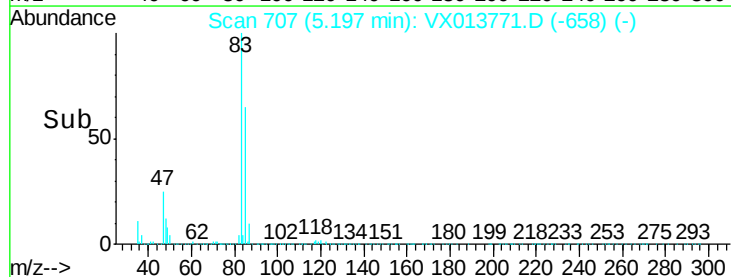
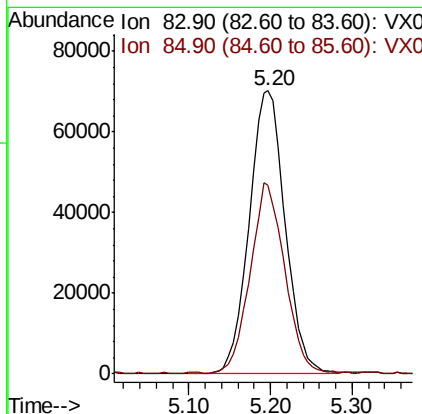
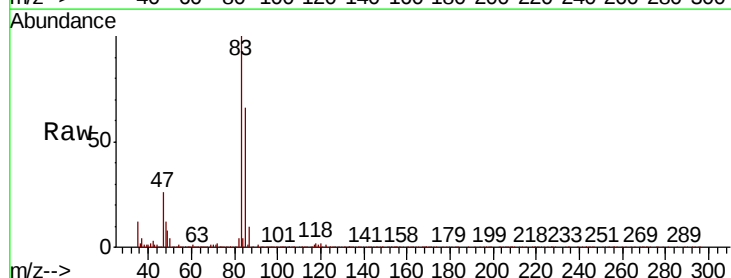
RT: 5.20 min Scan# 707

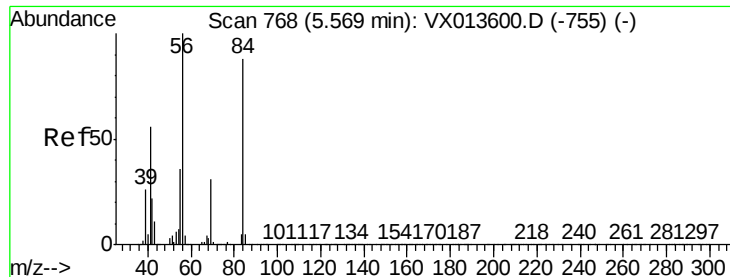
Delta R.T. 0.00 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

Tgt Ion:	83	Resp:	215509
Ion Ratio		Lower	Upper
83	100		
85	66.1	50.2	75.4





#31

Cyclohexane

Concen: 17.752 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

Instrument :

MSVOA_X

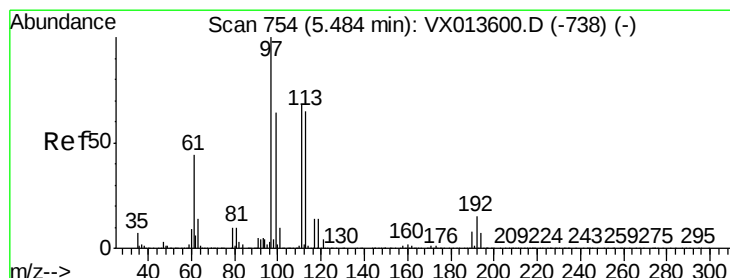
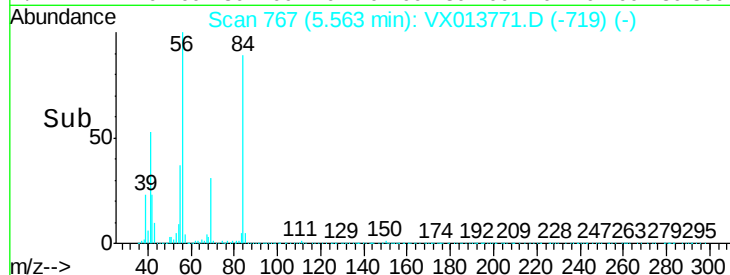
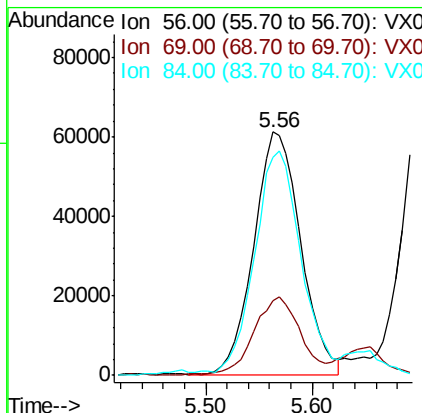
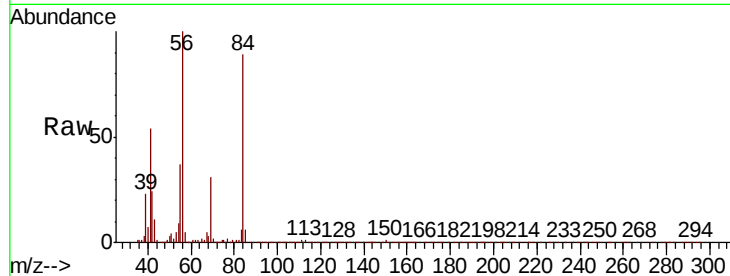
ClientSampleId :

VX1205WBSD02

Tot Ion:	56	Resp:	189863
Ion Ratio		Lower	Upper
56	100		
69	29.8	24.6	36.8
84	88.3	70.0	105.0

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#32

1,1,1-Trichloroethane

Concen: 18.501 ug/l

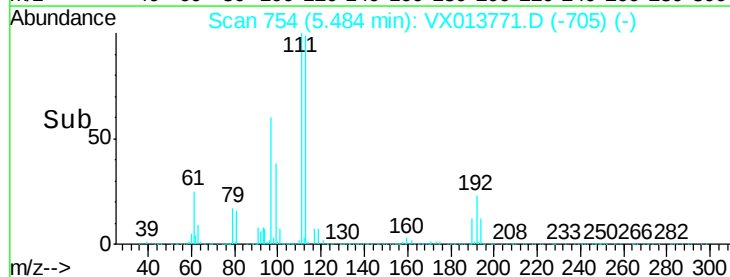
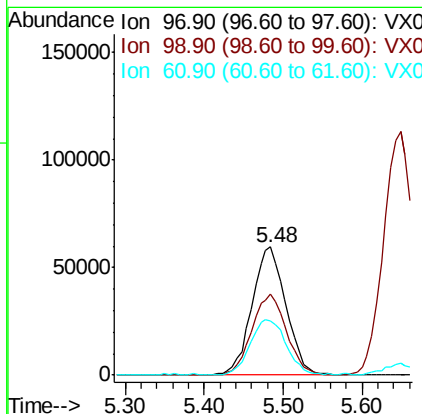
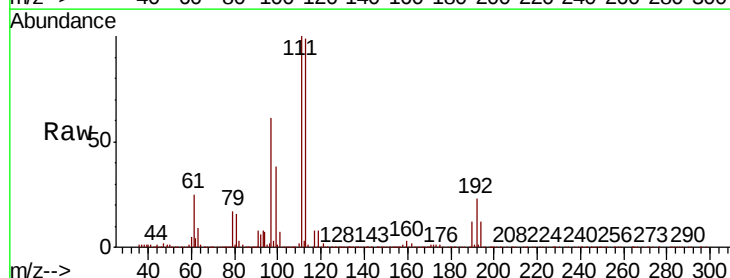
RT: 5.48 min Scan# 754

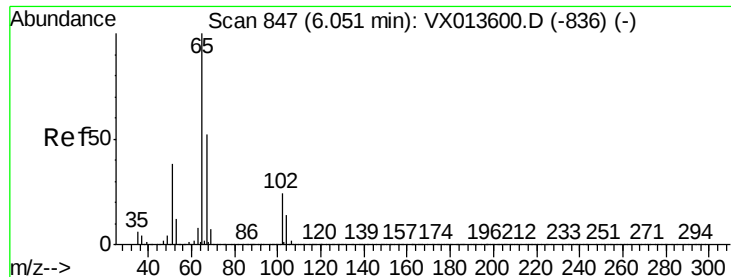
Delta R.T. 0.00 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

Tgt Ion:	97	Resp:	177787
Ion Ratio		Lower	Upper
97	100		
99	64.0	51.6	77.4
61	46.3	36.1	54.1





#33

1,2-Dichloroethane-d4

Concen: 46.239 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBSD02

Tot Ion: 65 Resp: 334781

Ion Ratio Lower Upper

65 100

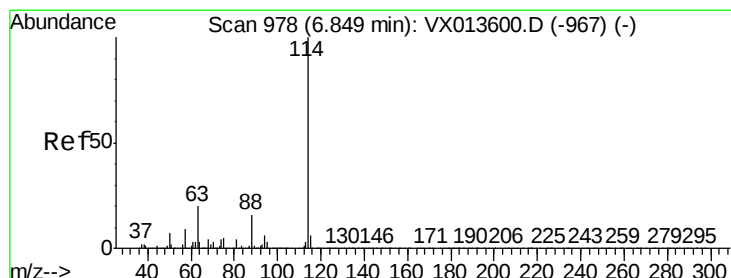
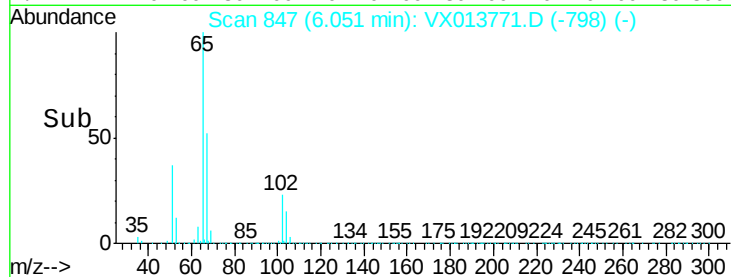
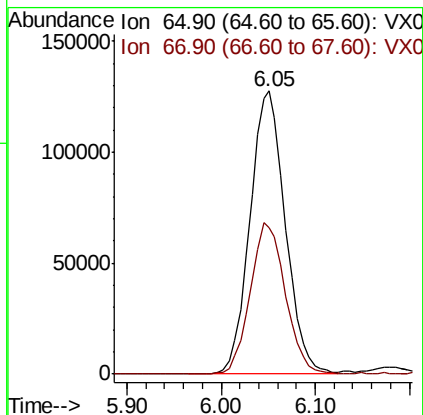
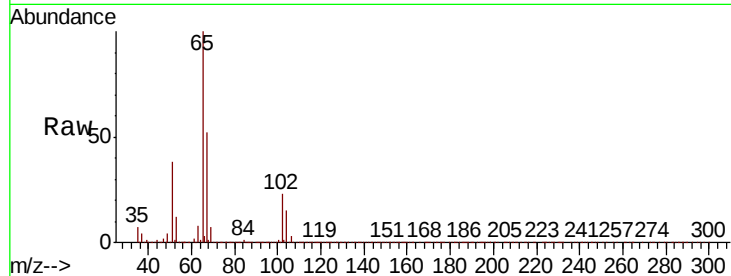
67 52.9 0.0 104.4

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

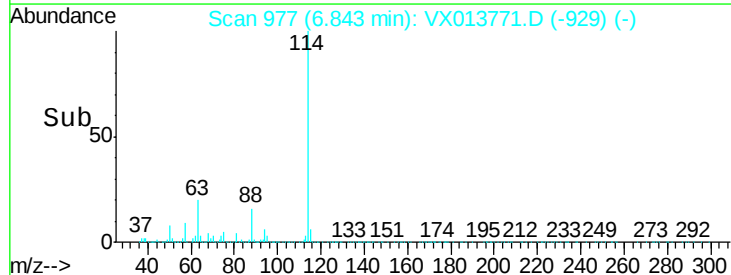
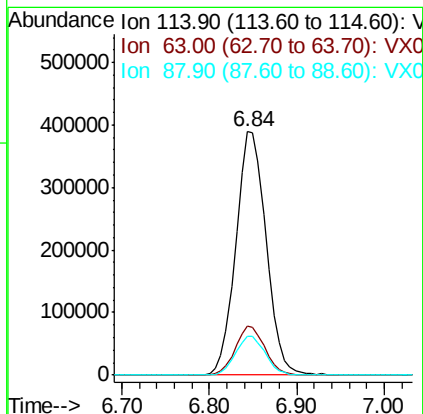
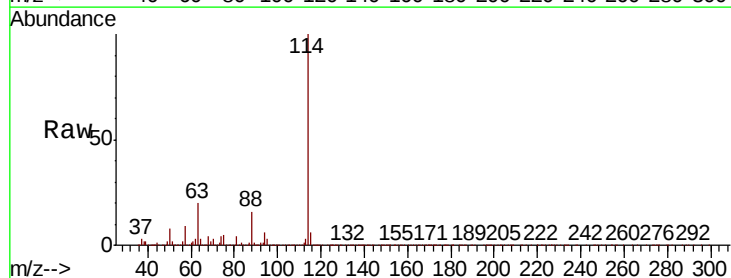
Tgt Ion: 114 Resp: 938163

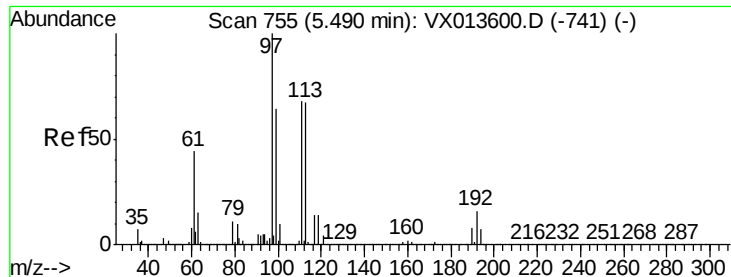
Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.6

88 16.1 0.0 31.4





#35

Dibromofluoromethane

Concen: 47.706 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

Instrument :

MSVOA_X

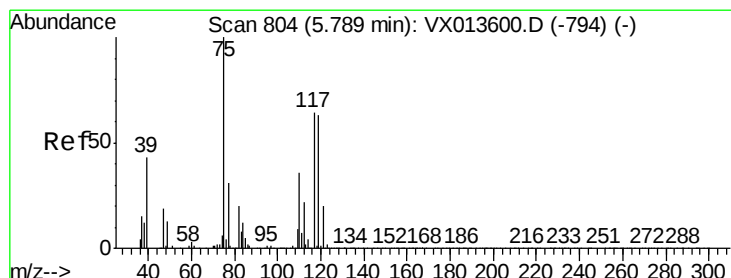
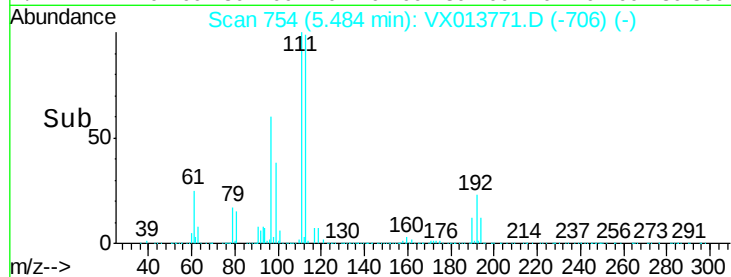
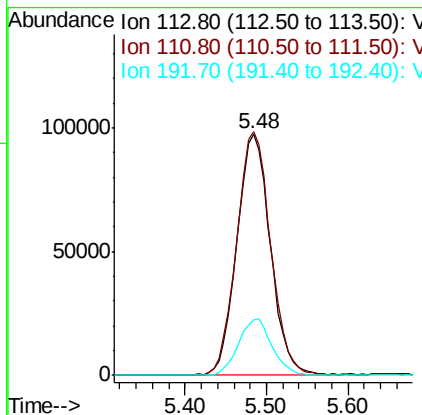
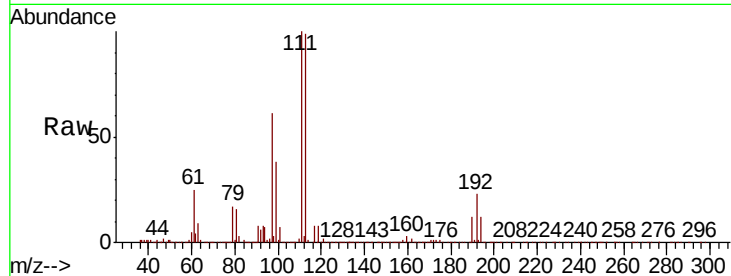
ClientSampleId :

VX1205WBSD02

Tot Ion:	113	Resp:	276688
Ion Ratio	Lower	Upper	
113	100		
111	102.4	83.6	125.4
192	23.7	19.2	28.8

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#36

1,1-Dichloropropene

Concen: 18.434 ug/l

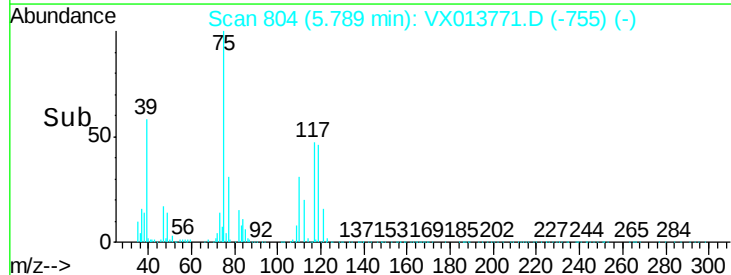
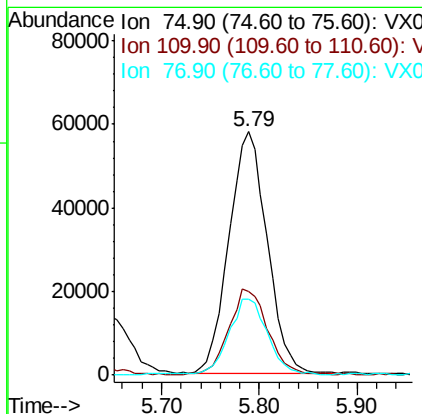
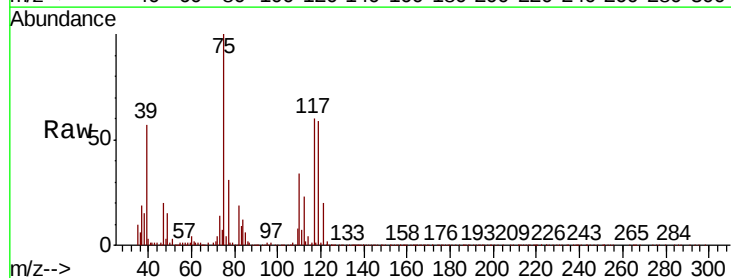
RT: 5.79 min Scan# 804

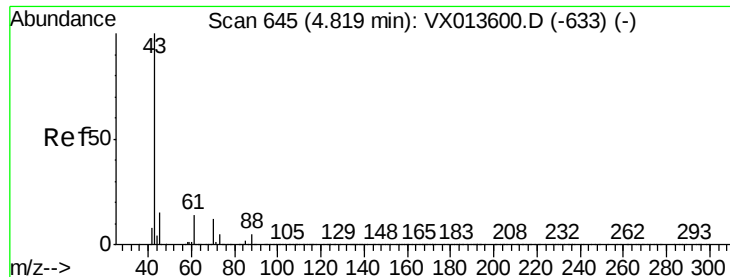
Delta R.T. 0.00 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

Tgt Ion:	75	Resp:	156984
Ion Ratio	Lower	Upper	
75	100		
110	35.8	18.1	54.1
77	31.0	24.5	36.7





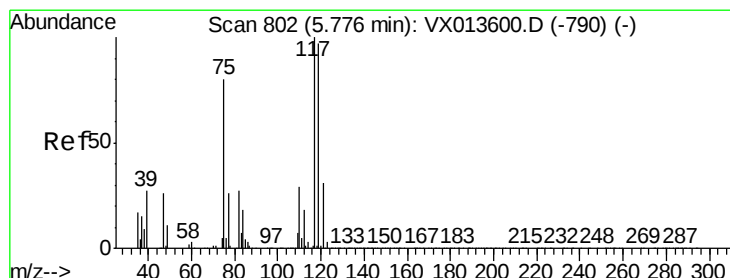
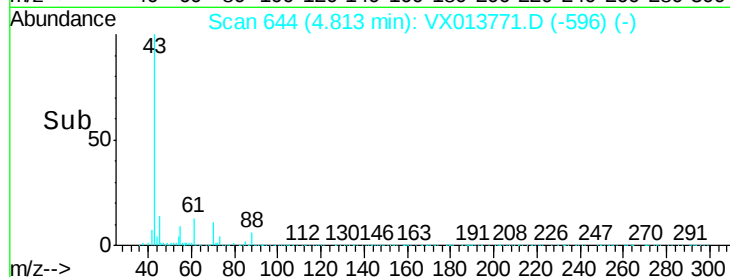
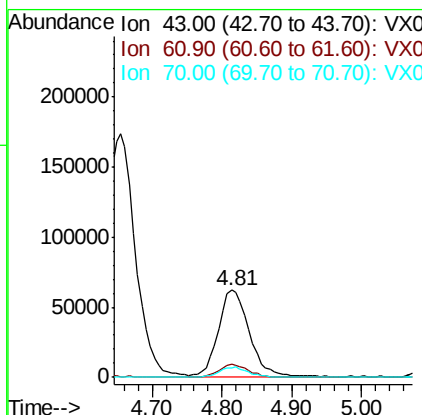
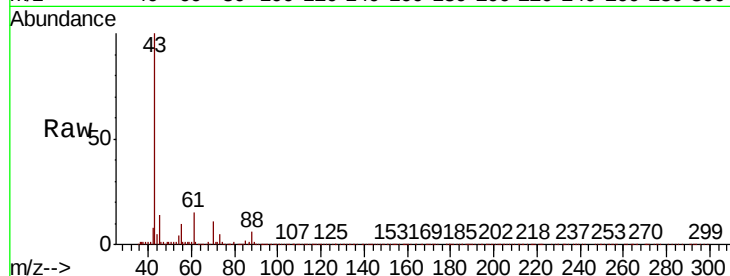
#37
Ethyl Acetate
Concen: 19.649 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX013771.D
Acq: 05 Dec 2019 13:04

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD02

Tot Ion	43	Resp	187721
Ion Ratio	Lower	Upper	
43	100		
61	13.7	11.0	16.4
70	10.8	8.6	12.8

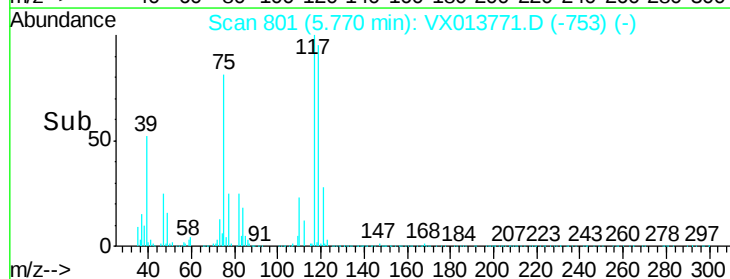
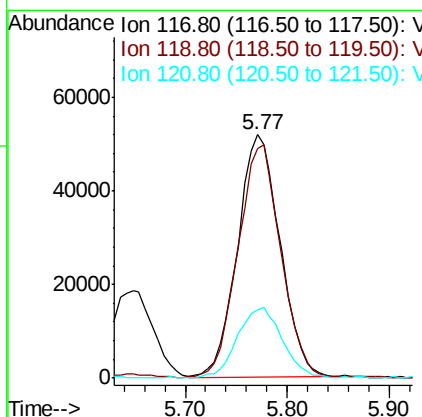
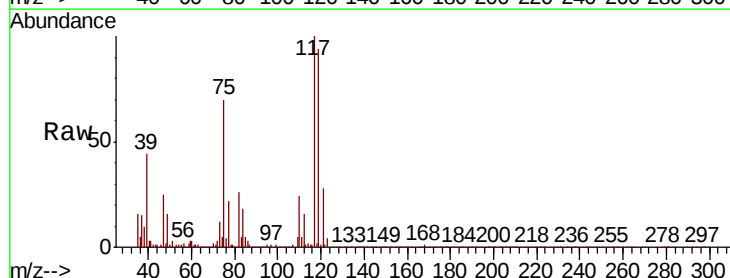
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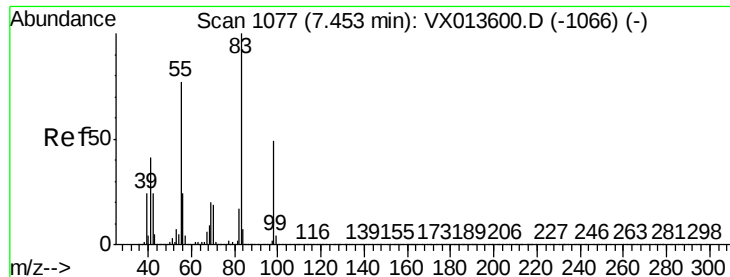
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#38
Carbon Tetrachloride
Concen: 19.099 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013771.D
Acq: 05 Dec 2019 13:04

Tgt Ion	117	Resp	149981
Ion Ratio	Lower	Upper	
117	100		
119	94.3	77.5	116.3
121	27.9	25.0	37.6





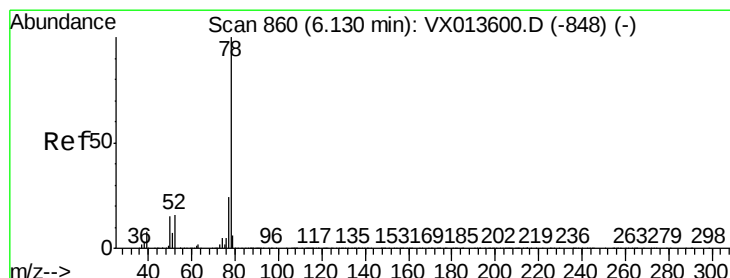
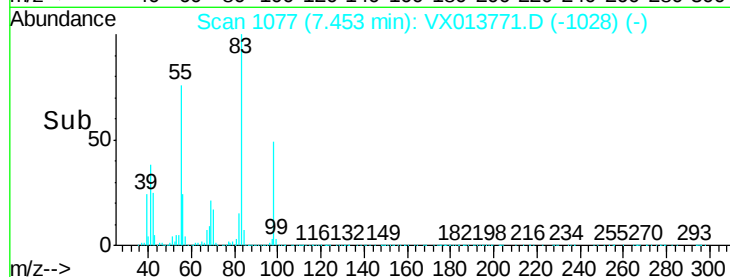
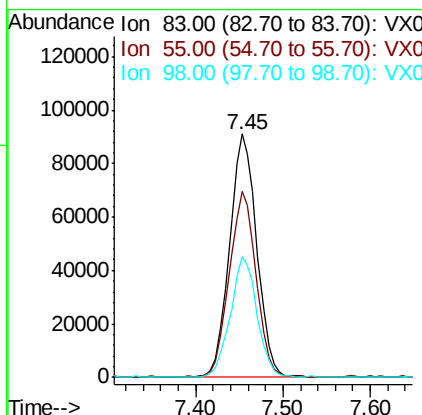
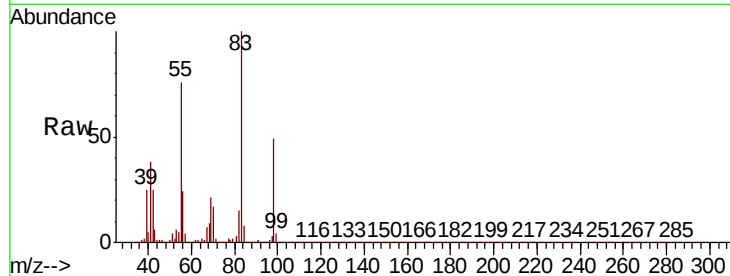
#39
Methvlcvclohexane
Concen: 18.564 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX013771.D
Acq: 05 Dec 2019 13:04

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD02

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.0	61.9	92.9
98	49.4	39.4	59.0

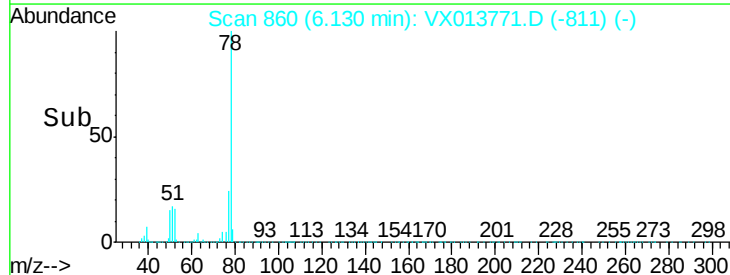
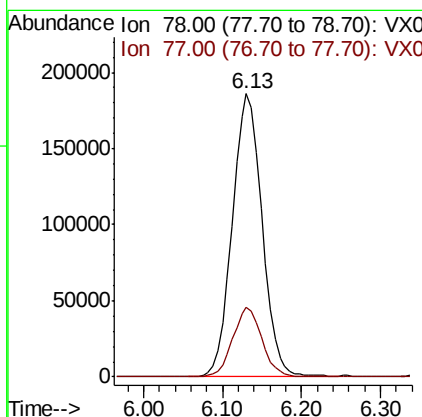
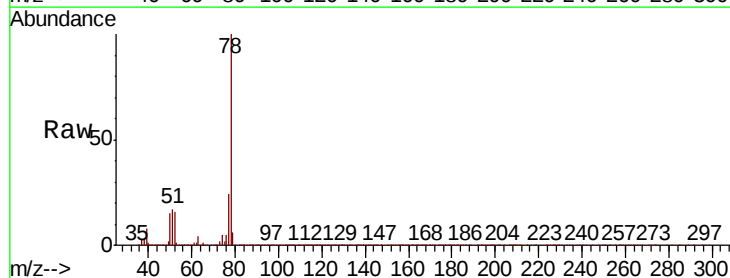
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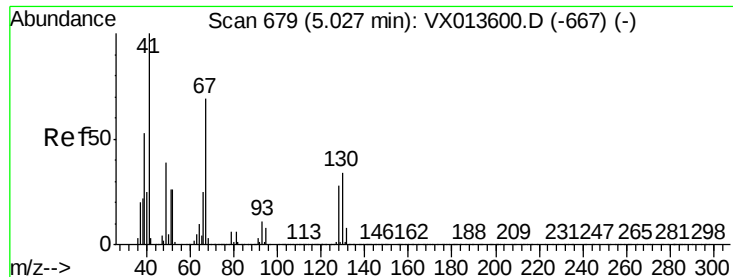
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#40
Benzene
Concen: 18.818 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX013771.D
Acq: 05 Dec 2019 13:04

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.0	28.4





#41

Methacrylonitrile

Concen: 19.550 ug/l

RT: 5.03 min Scan# 679

Delta R.T. 0.00 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

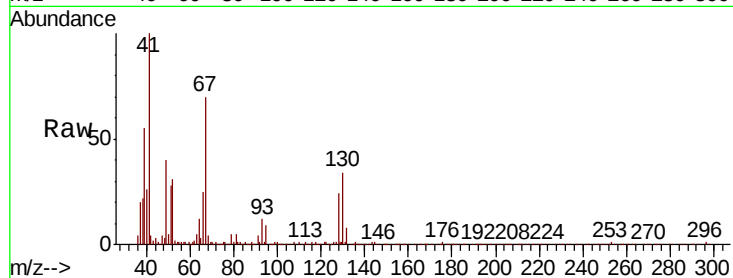
VX1205WBSD02

Tot Ion: 41 Resp: 102432
Ion Ratio Lower Upper

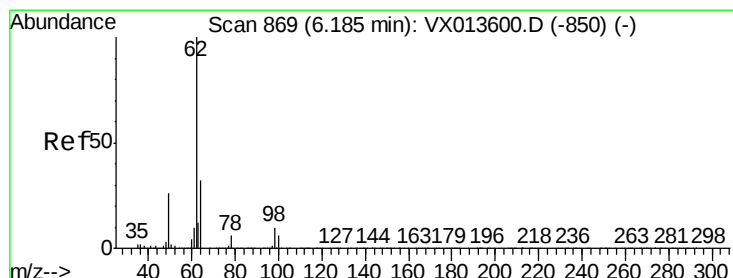
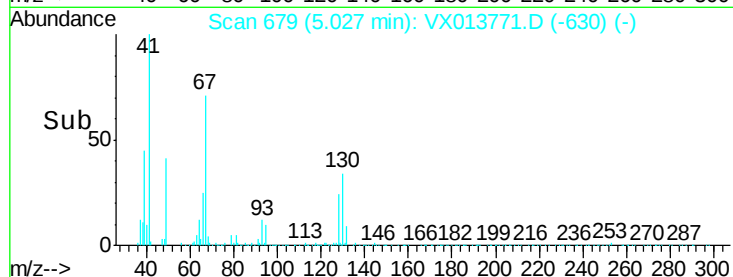
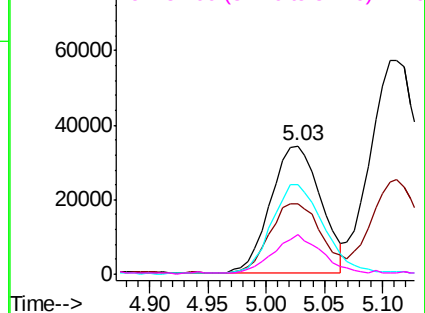
41	100		
39	56.5	42.9	64.3
67	72.8	57.4	86.0
52	29.0	22.4	33.6

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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: 20.379 ug/l

RT: 6.18 min Scan# 868

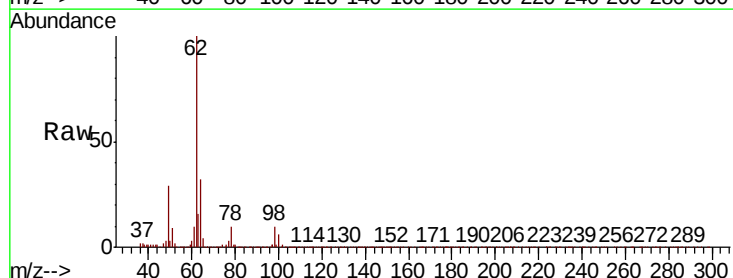
Delta R.T. -0.01 min

Lab File: VX013771.D

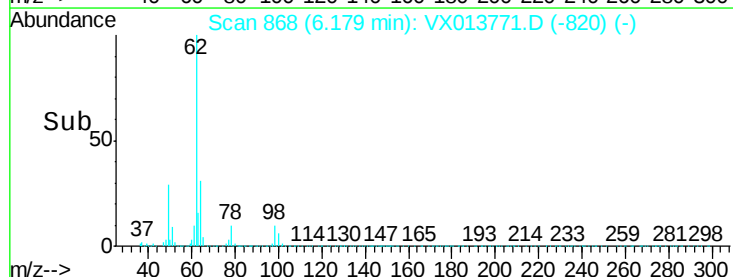
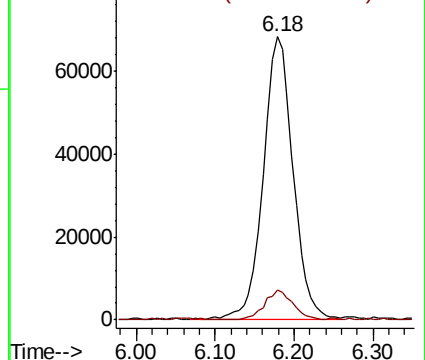
Acq: 05 Dec 2019 13:04

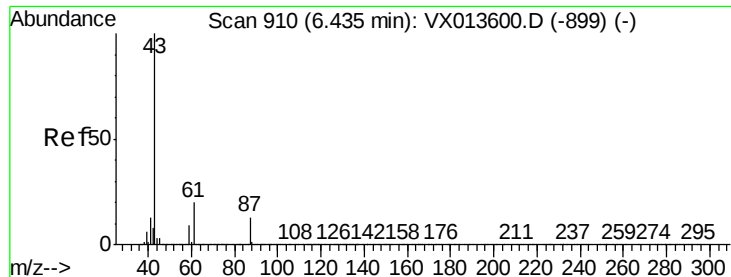
Tgt Ion: 62 Resp: 180266
Ion Ratio Lower Upper

62	100		
98	10.0	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: 19.542 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

Instrument :

MSVOA_X

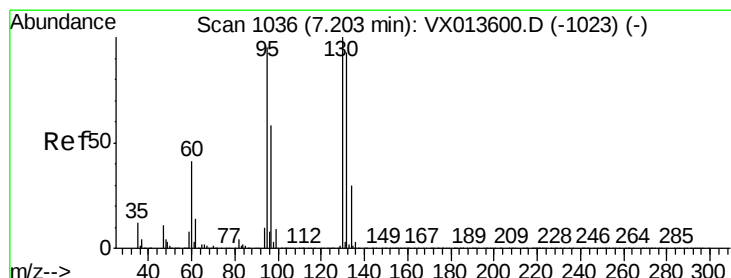
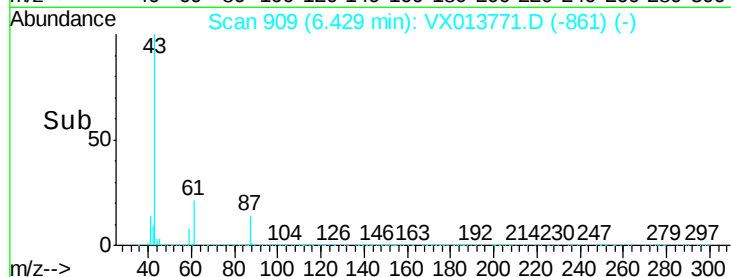
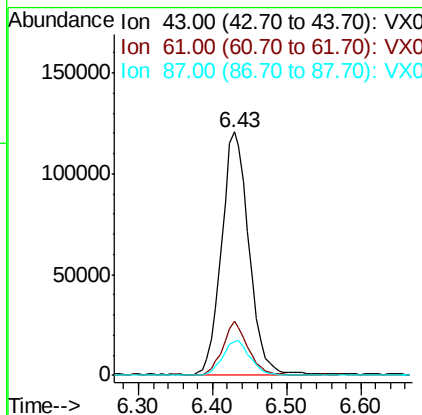
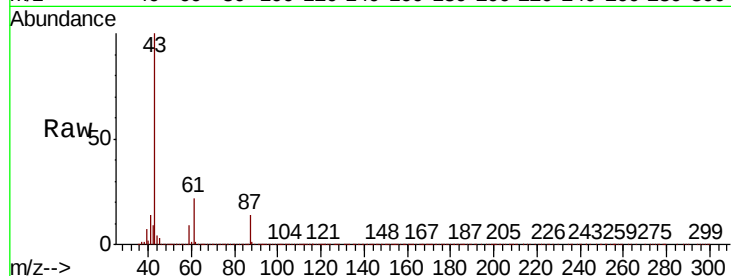
ClientSampleId :

VX1205WBSD02

Tot Ion:	43	Resp:	307377
Ion Ratio		Lower	Upper
43	100		
61	19.8	16.3	24.5
87	14.0	10.8	16.2

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#44

Trichloroethene

Concen: 18.280 ug/l

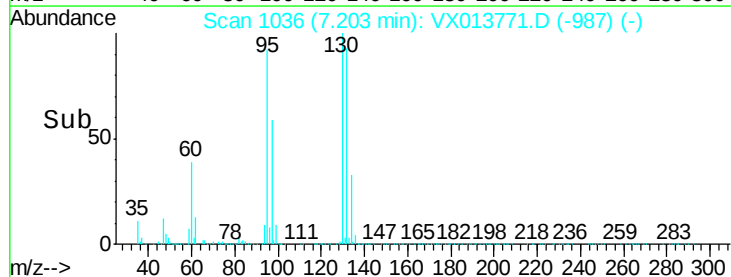
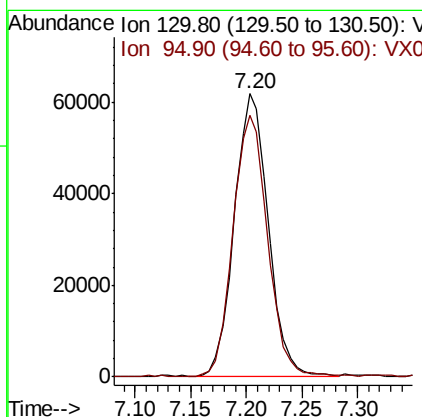
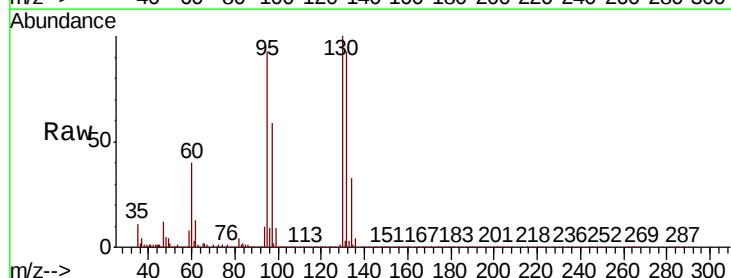
RT: 7.20 min Scan# 1036

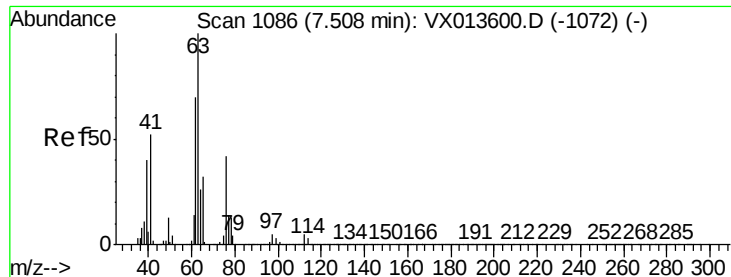
Delta R.T. 0.00 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

Tgt Ion:	130	Resp:	130125
Ion Ratio		Lower	Upper
130	100		
95	92.8	0.0	190.8





#45

1,2-Dichloropropane

Concen: 20.170 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBSD02

Tot Ion: 63 Resp: 130891

Ion Ratio Lower Upper

63 100

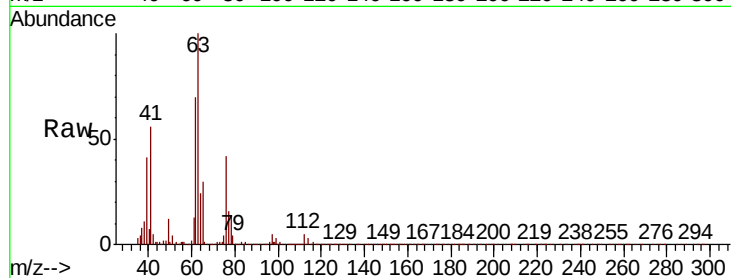
65 29.2 25.5 38.3

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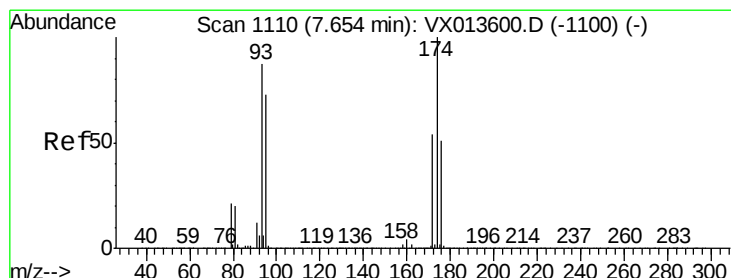
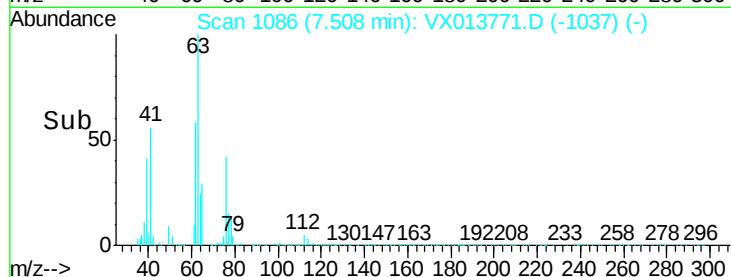
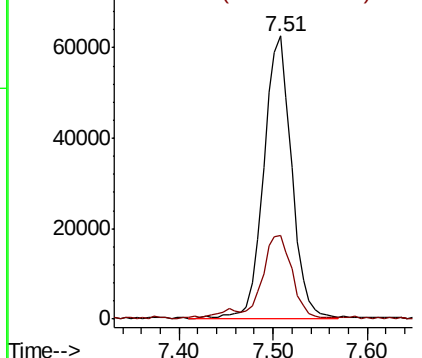
apatel

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.400 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

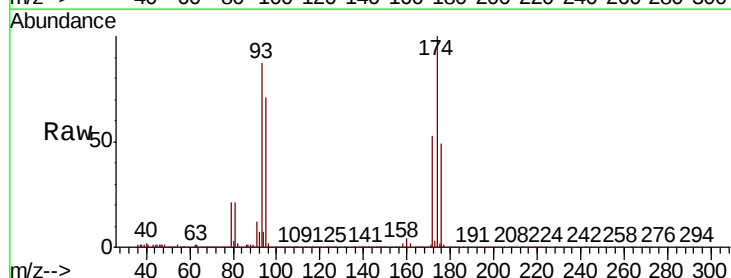
Tgt Ion: 93 Resp: 85506

Ion Ratio Lower Upper

93 100

95 85.3 66.2 99.2

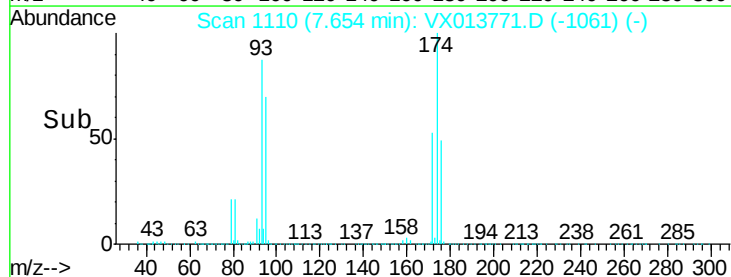
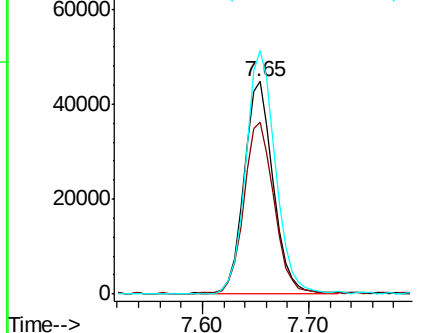
174 117.5 93.4 140.0

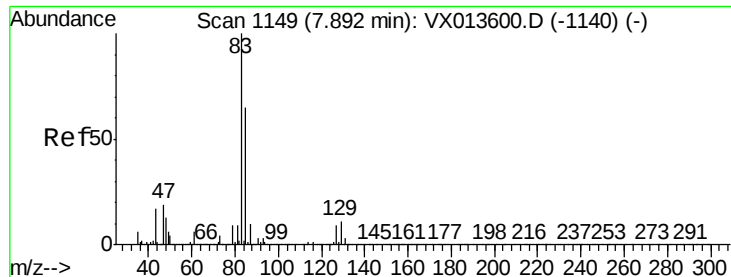


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.840 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

Instrument :

MSVOA_X

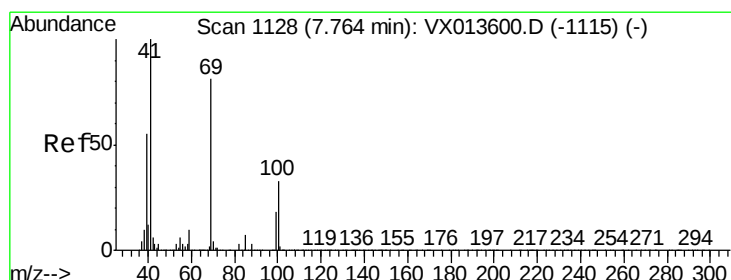
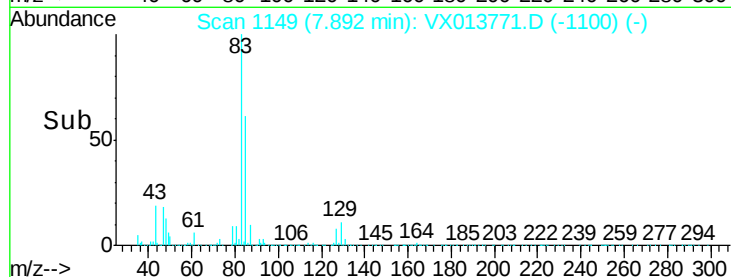
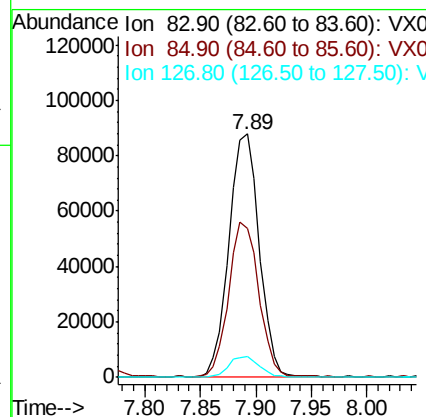
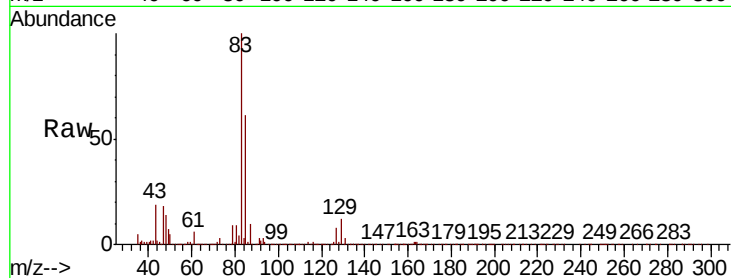
ClientSampleId :

VX1205WBSD02

Tot Ion:	83	Resp:	165312
Ion Ratio	Lower	Upper	
83	100		
85	61.3	52.1	78.1
127	8.4	7.0	10.4

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#48

Methyl methacrylate

Concen: 19.665 ug/l

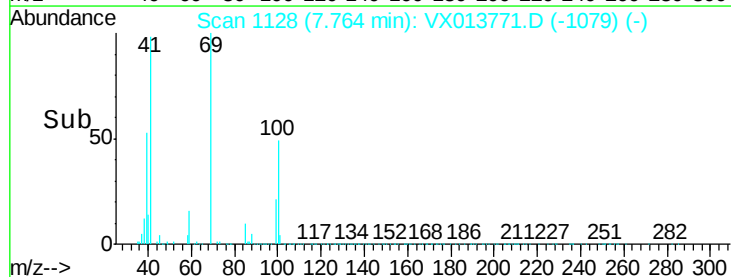
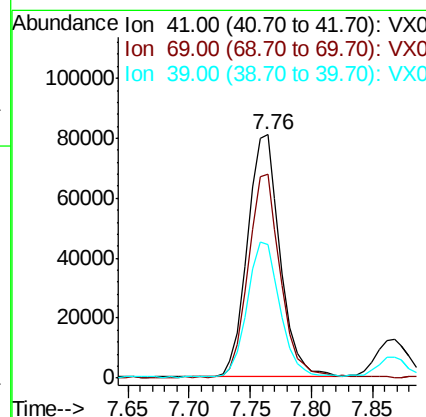
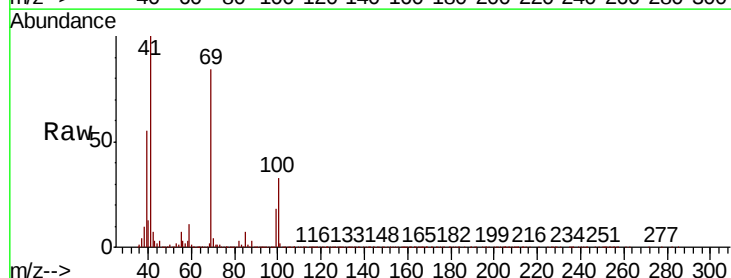
RT: 7.76 min Scan# 1128

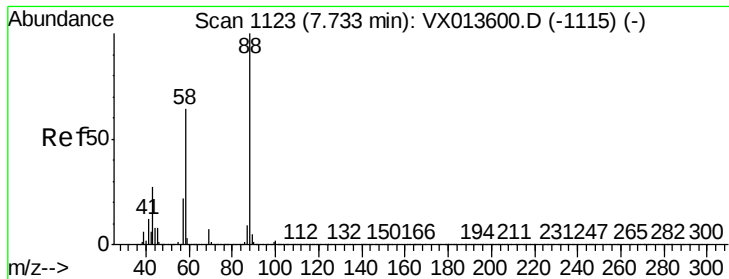
Delta R.T. 0.00 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

Tgt Ion:	41	Resp:	150284
Ion Ratio	Lower	Upper	
41	100		
69	83.0	64.7	97.1
39	55.6	43.8	65.6





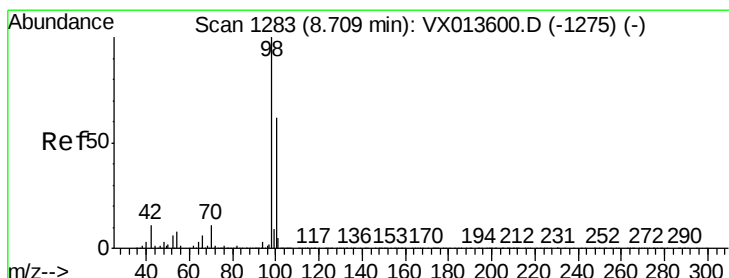
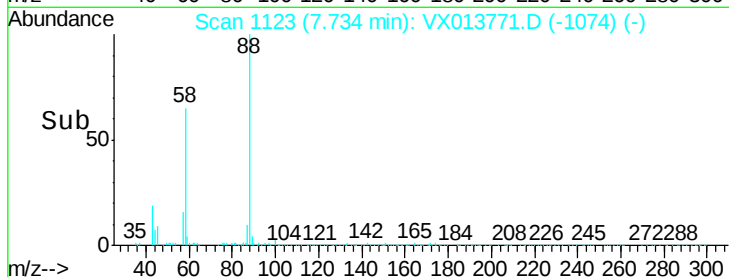
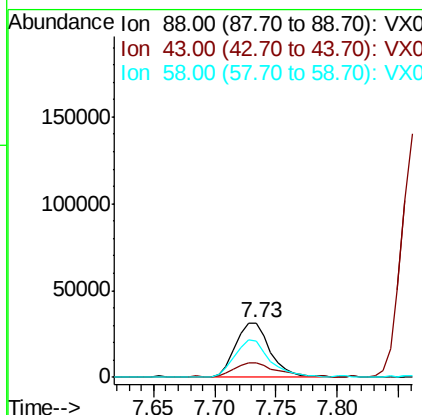
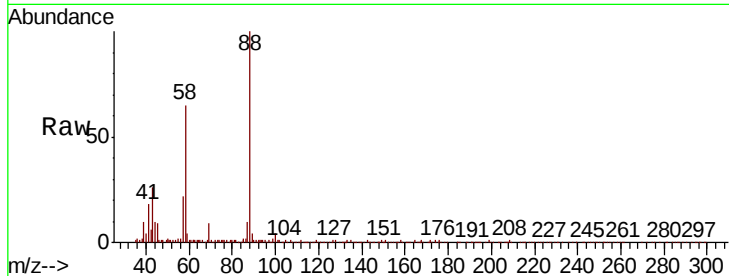
#49
1,4-Dioxane
Concen: 362.911 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013771.D
Acq: 05 Dec 2019 13:04

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD02

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.3	25.8	38.6
58	68.0	54.6	82.0

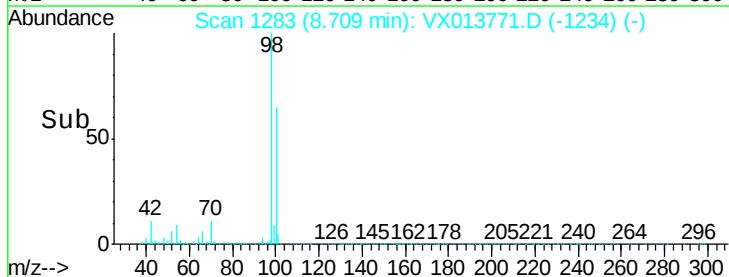
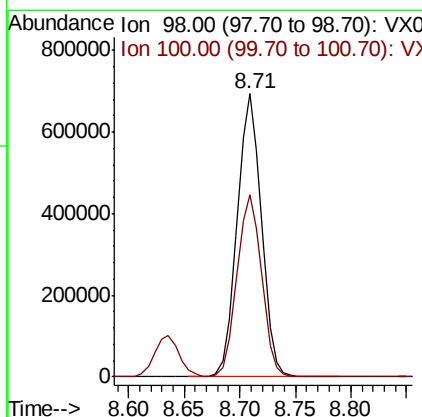
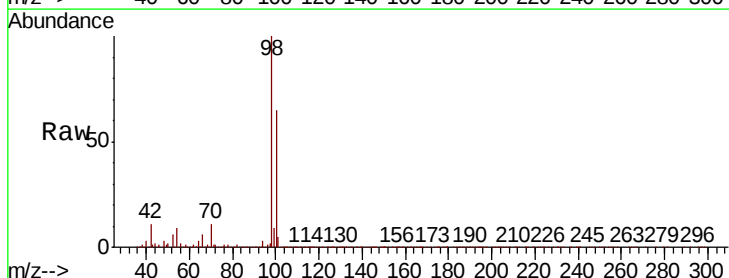
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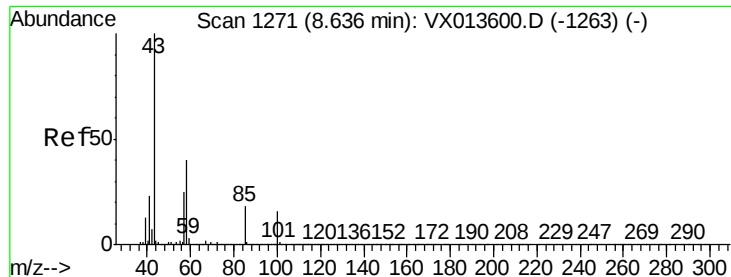
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#50
Toluene-d8
Concen: 46.206 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013771.D
Acq: 05 Dec 2019 13:04

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 97.870 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBSD02

Tot Ion: 43 Resp: 968297

Ion Ratio Lower Upper

43 100

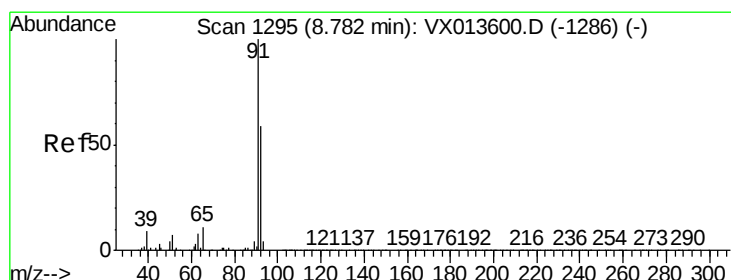
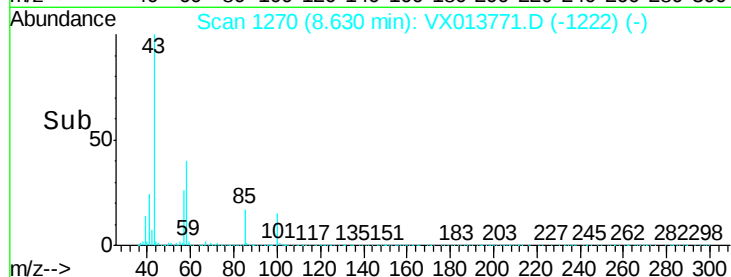
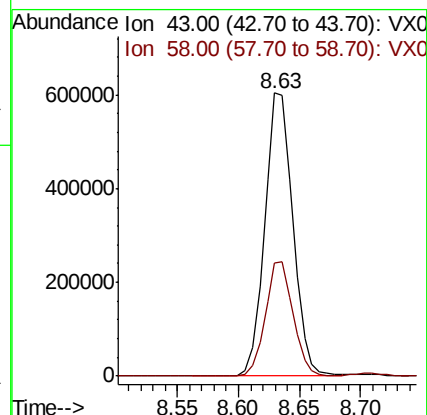
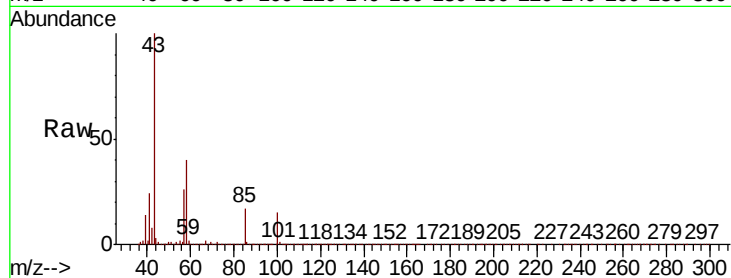
58 39.8 32.1 48.1

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#52

Toluene

Concen: 19.132 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013771.D

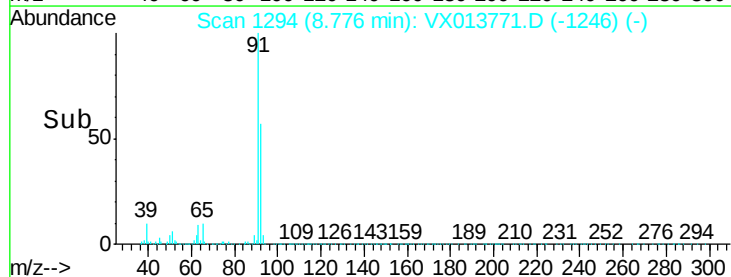
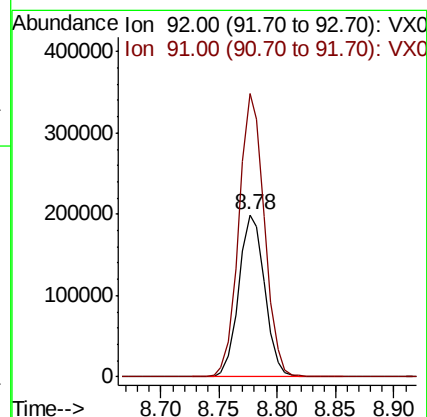
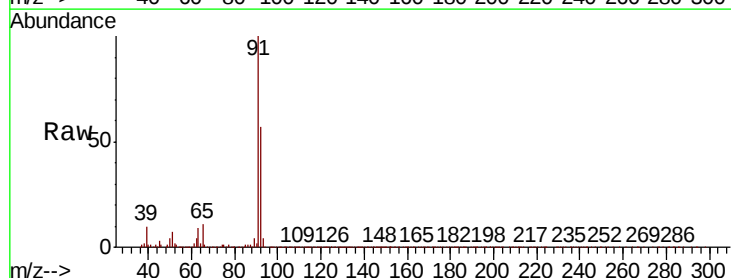
Acq: 05 Dec 2019 13:04

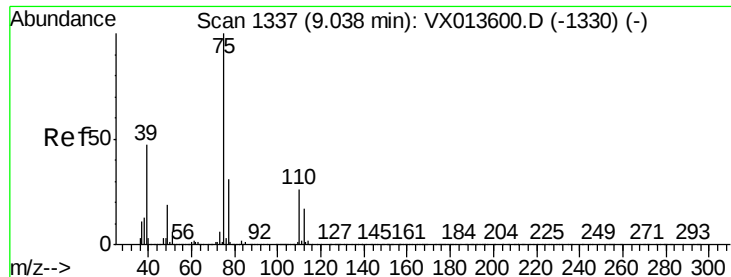
Tgt Ion: 92 Resp: 308276

Ion Ratio Lower Upper

92 100

91 173.2 136.2 204.2





#53

t-1,3-Dichloropropene

Concen: 19.183 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

Instrument :

MSVOA_X

ClientSampleID :

VX1205WBSD02

Tot Ion: 75 Resp: 181933

Ion Ratio Lower Upper

75 100

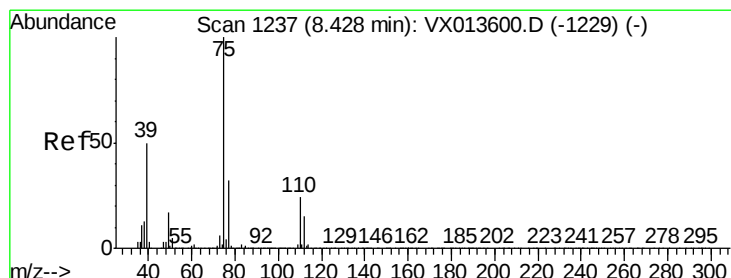
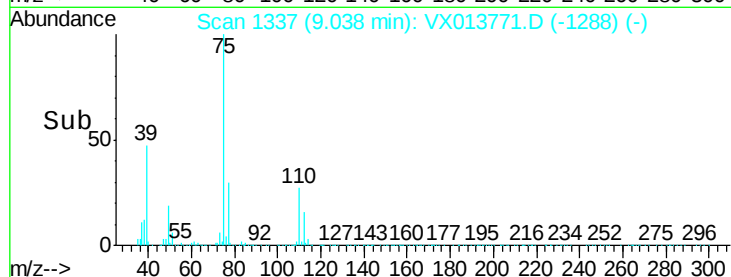
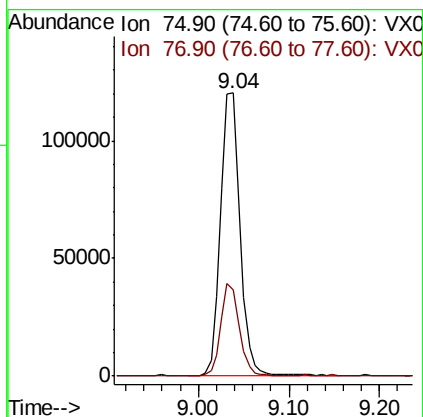
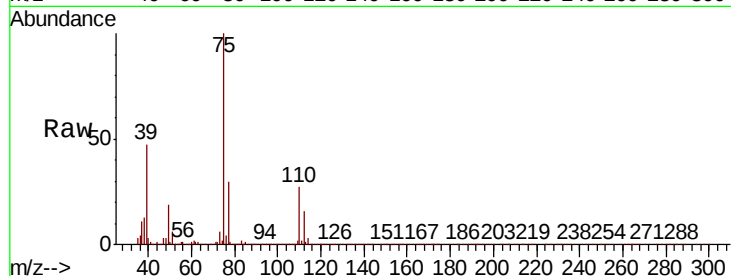
77 30.1 24.4 36.6

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#54

cis-1,3-Dichloropropene

Concen: 19.476 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

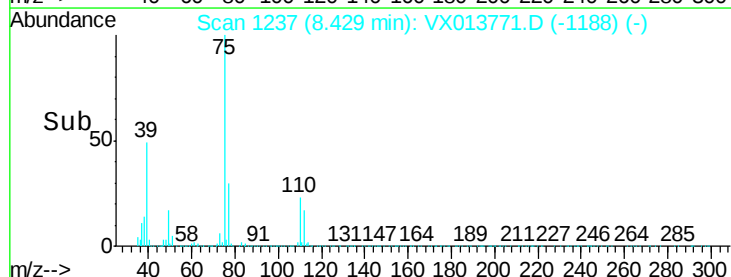
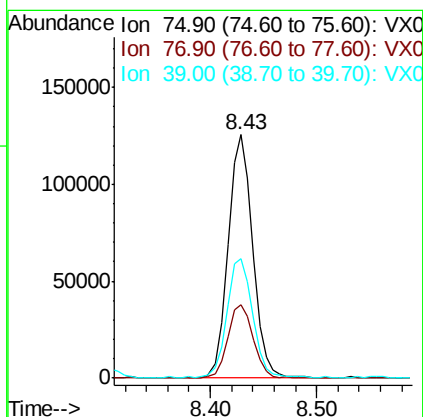
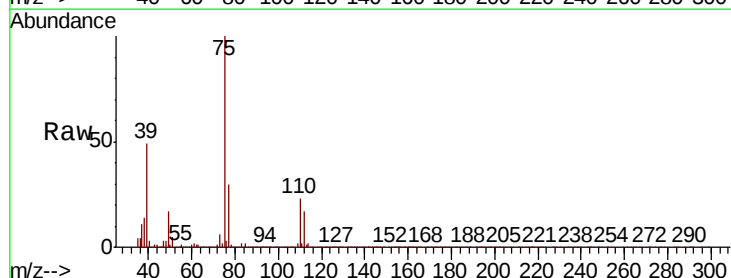
Tgt Ion: 75 Resp: 201806

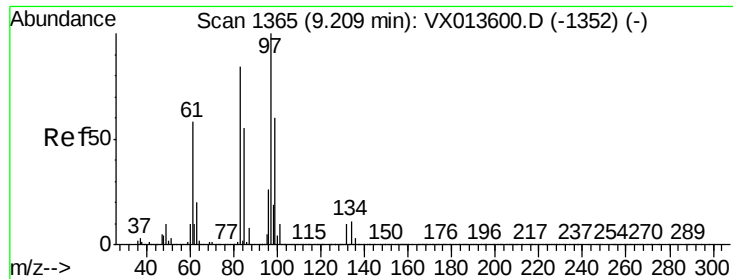
Ion Ratio Lower Upper

75 100

77 29.9 25.8 38.6

39 48.9 39.9 59.9





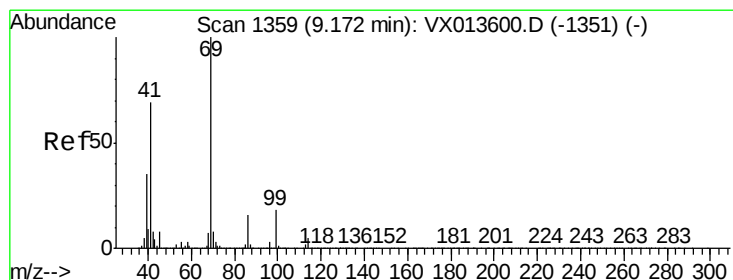
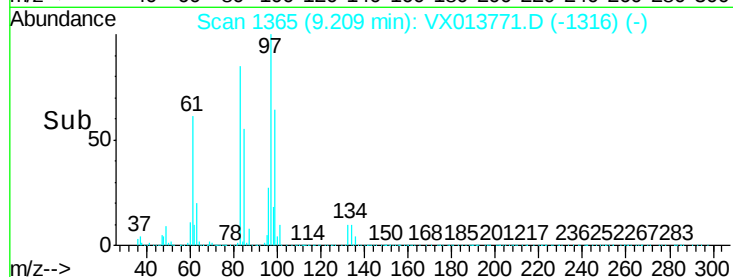
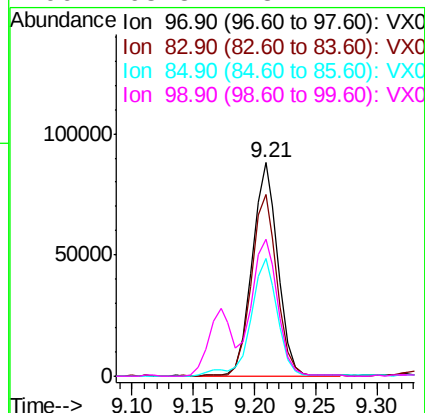
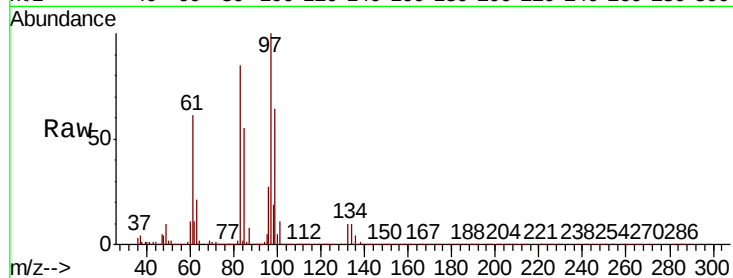
#55
 1,1,2-Trichloroethane
 Concen: 19.892 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013771.D
 Acq: 05 Dec 2019 13:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205WBSD02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		129165		
83	84.7	67.3	100.9		
85	55.3	43.6	65.4		
99	63.8	48.2	72.4		

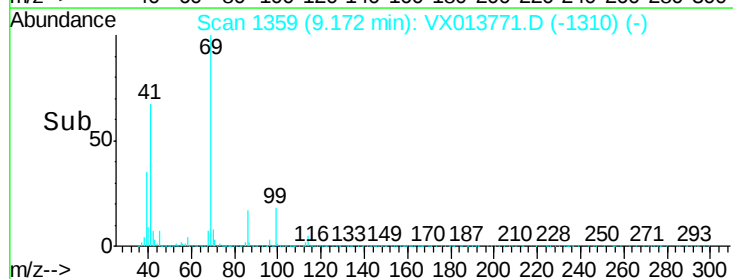
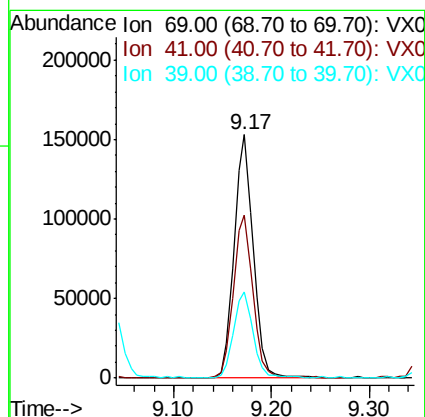
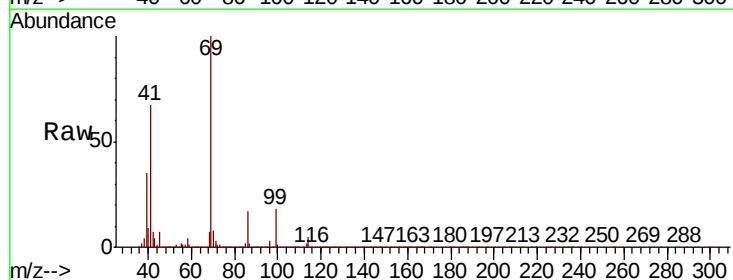
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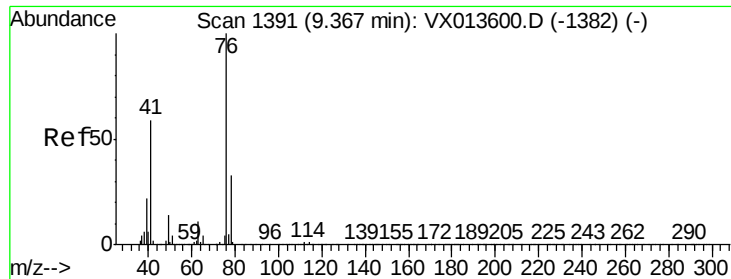
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#56
 Ethyl methacrylate
 Concen: 19.832 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013771.D
 Acq: 05 Dec 2019 13:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		207041		
41	69.2	55.0	82.4		
39	35.2	28.7	43.1		





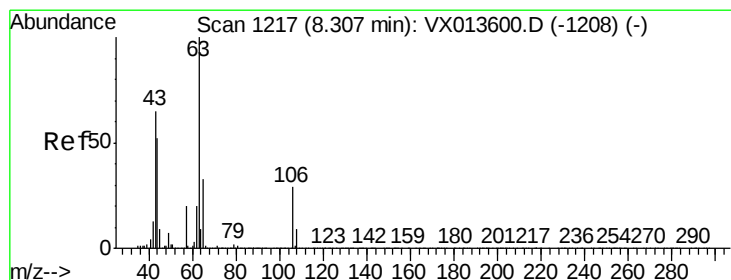
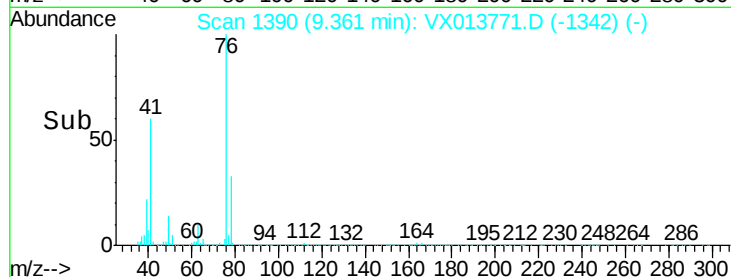
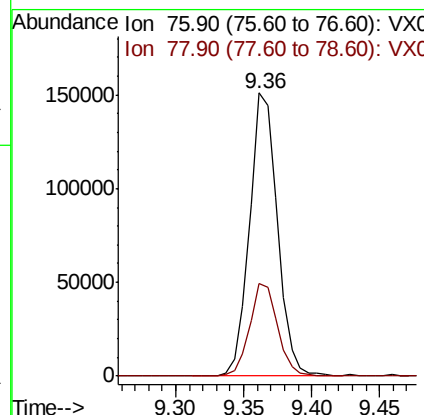
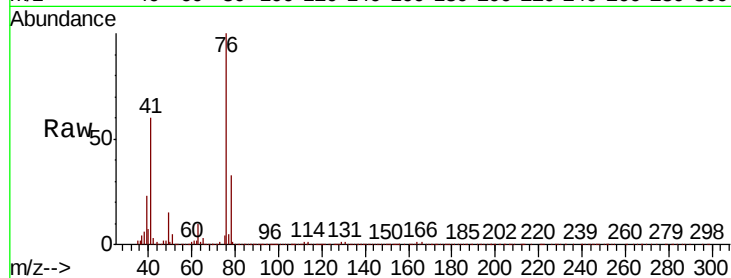
#57
 1,3-Dichloropropane
 Concen: 19.382 ug/l
 RT: 9.36 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: VX013771.D
 Acq: 05 Dec 2019 13:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205WBSD02

Tot Ion: 76 Resp: 216936
 Ion Ratio Lower Upper
 76 100
 78 32.8 26.0 39.0

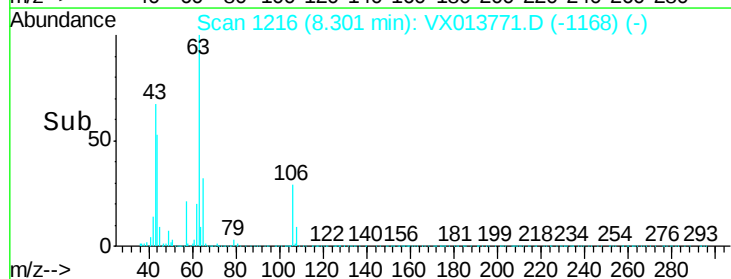
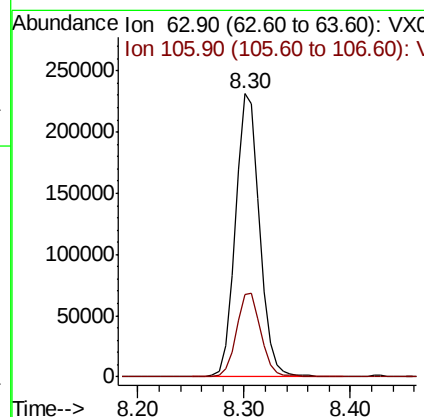
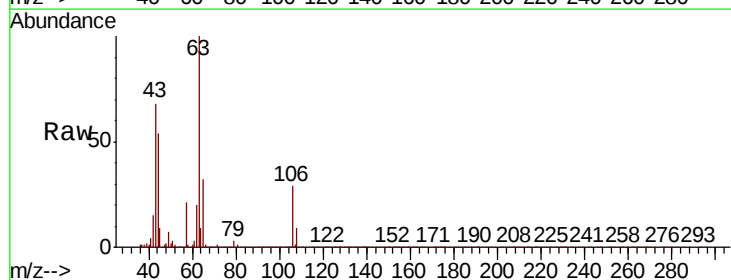
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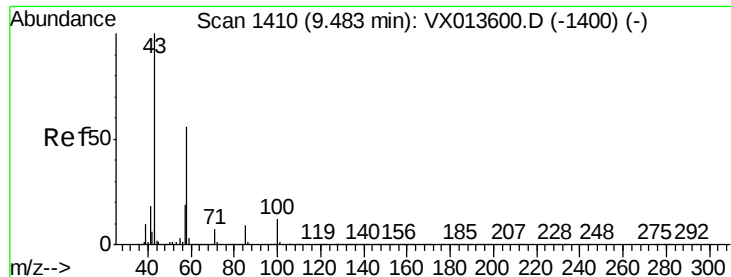
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 12/6/2019 9:36:09 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 89.491 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX013771.D
 Acq: 05 Dec 2019 13:04

Tgt Ion: 63 Resp: 366298
 Ion Ratio Lower Upper
 63 100
 106 30.2 23.4 35.0





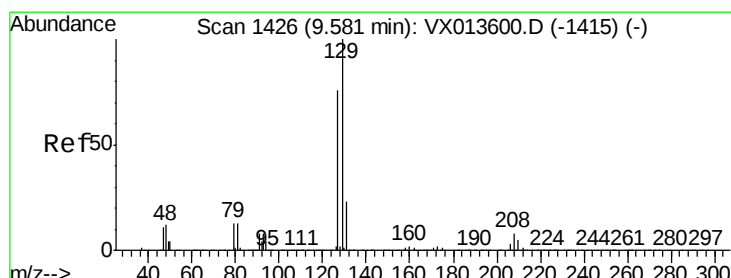
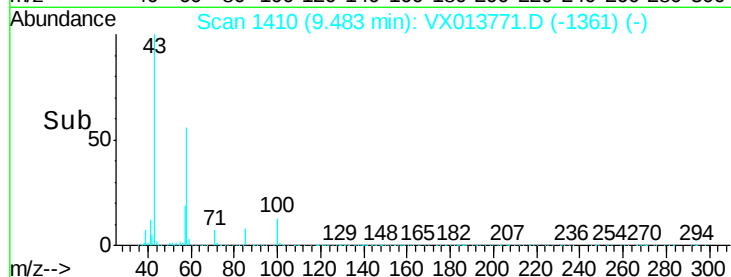
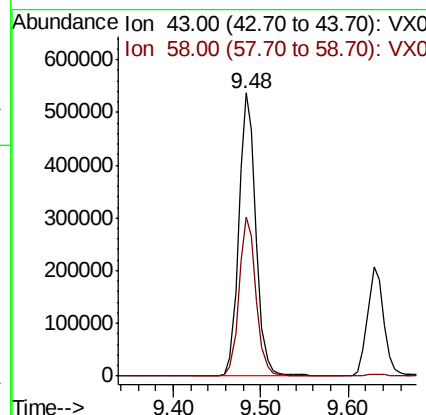
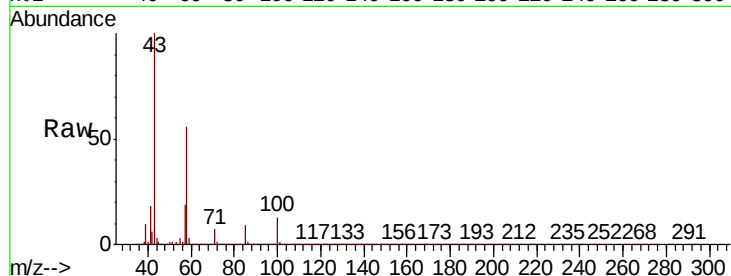
#59
2-Hexanone
Concen: 95.009 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX013771.D
Acq: 05 Dec 2019 13:04

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
58	56.1	28.1	84.4

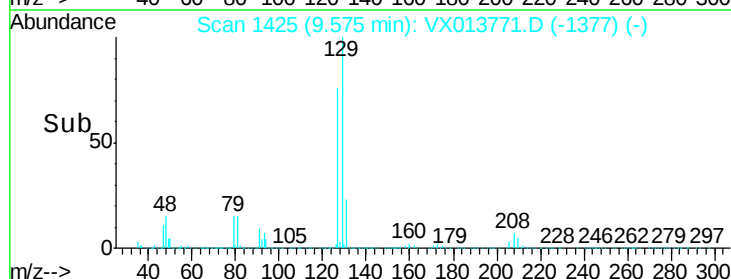
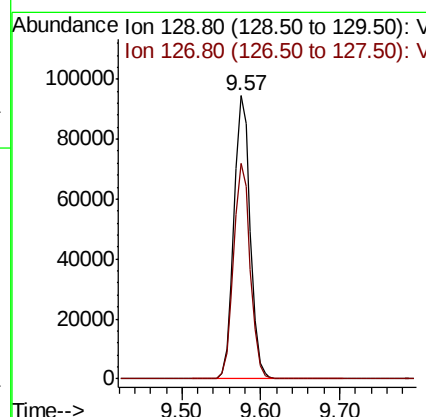
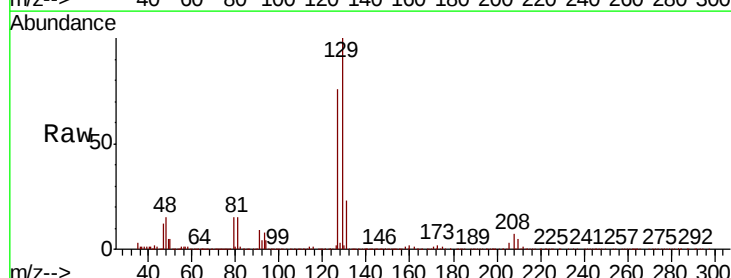
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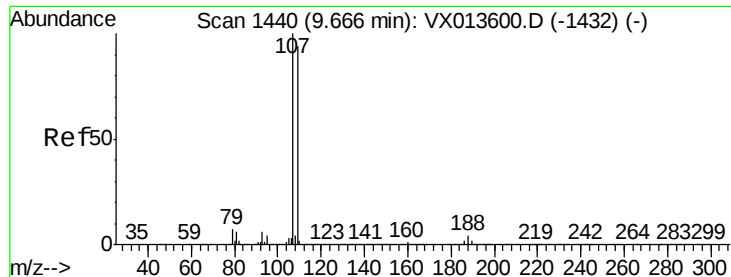
apatel
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#60
Dibromochloromethane
Concen: 20.263 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013771.D
Acq: 05 Dec 2019 13:04

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.6	38.5	115.5





#61

1,2-Dibromoethane

Concen: 19.998 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBSD02

Tot Ion: 107 Resp: 138687

Ion Ratio Lower Upper

107 100

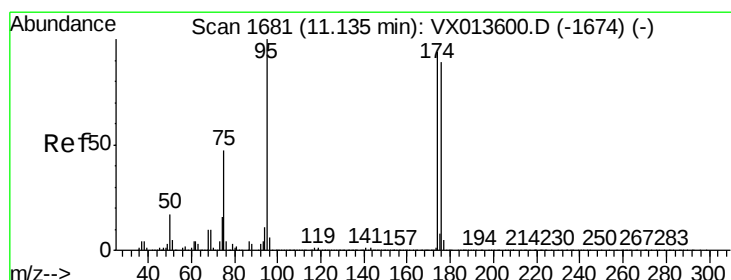
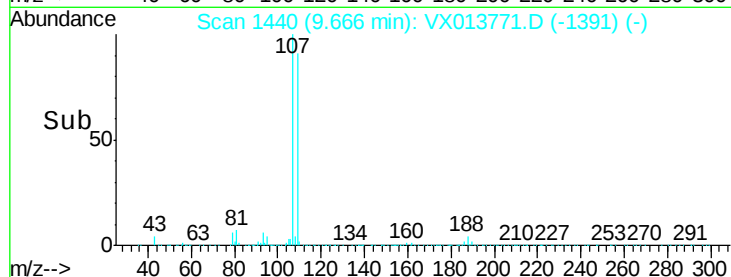
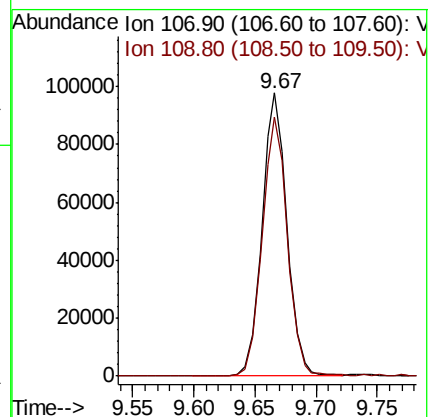
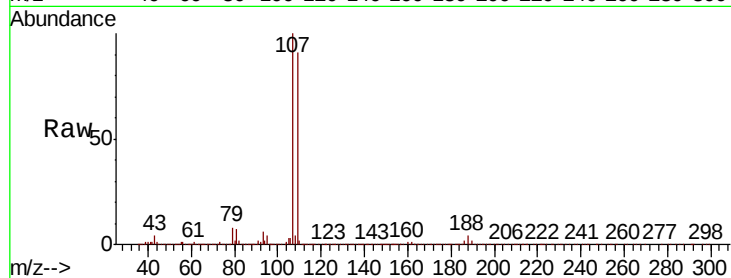
109 92.3 76.1 114.1

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#62

4-Bromofluorobenzene

Concen: 46.675 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

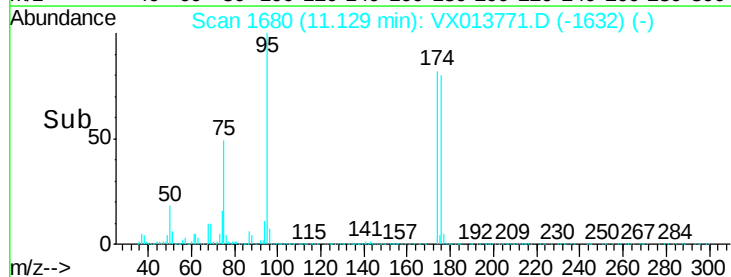
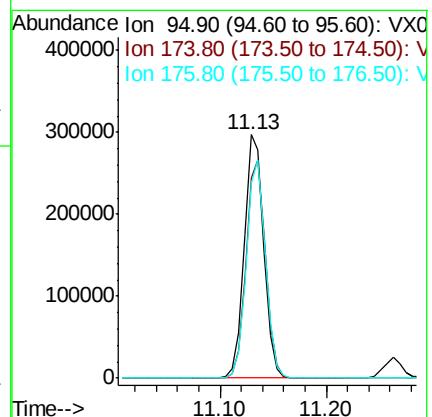
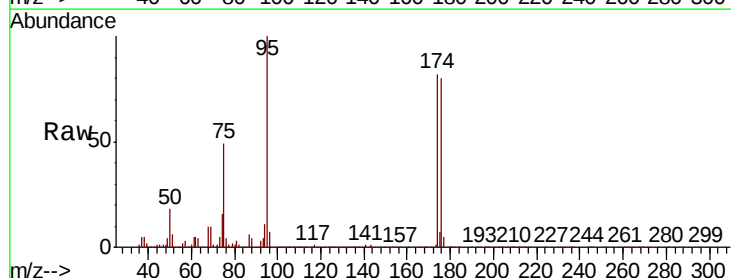
Tgt Ion: 95 Resp: 380328

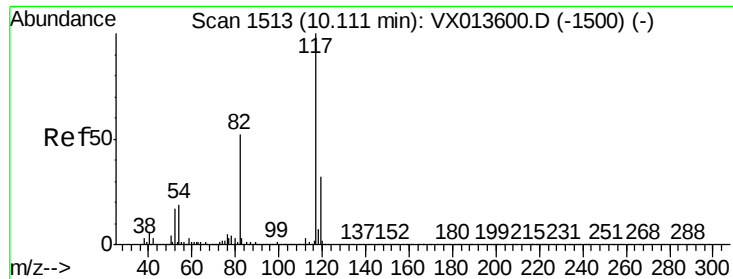
Ion Ratio Lower Upper

95 100

174 89.5 0.0 180.0

176 88.0 0.0 173.6





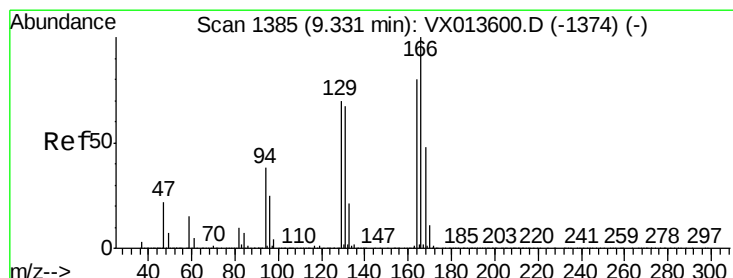
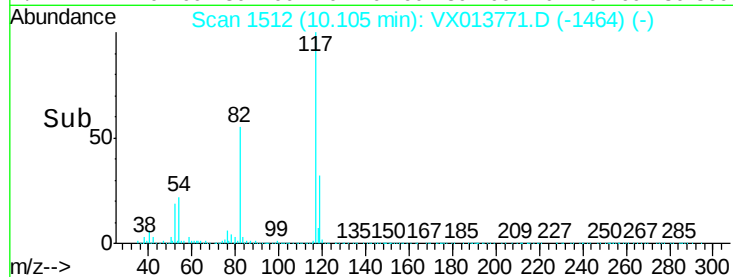
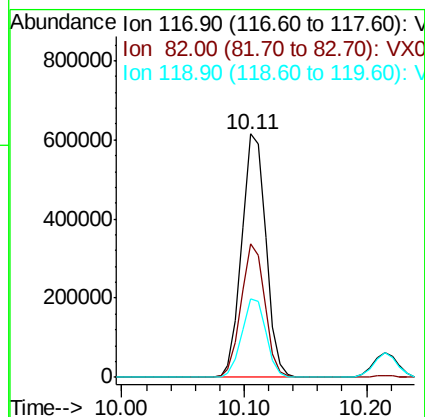
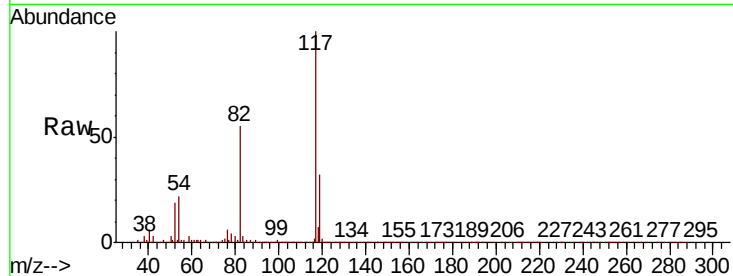
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013771.D
Acq: 05 Dec 2019 13:04

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD02

Tot Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	54.9	41.8	62.8
119	32.5	25.8	38.8

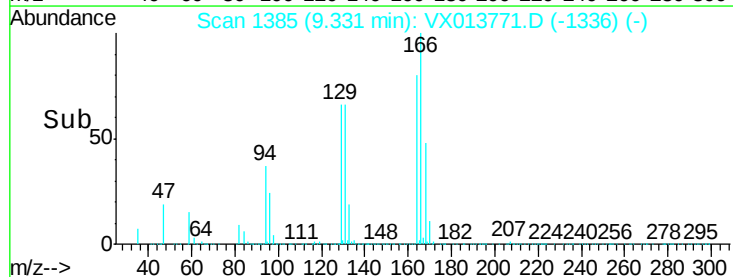
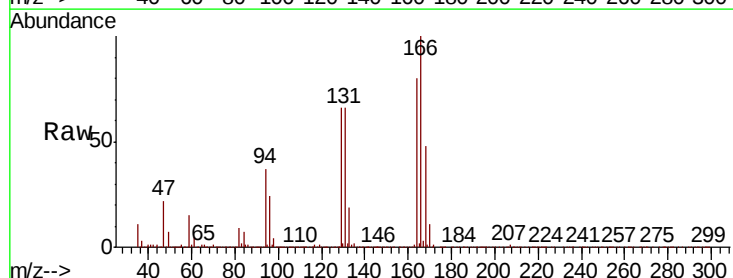
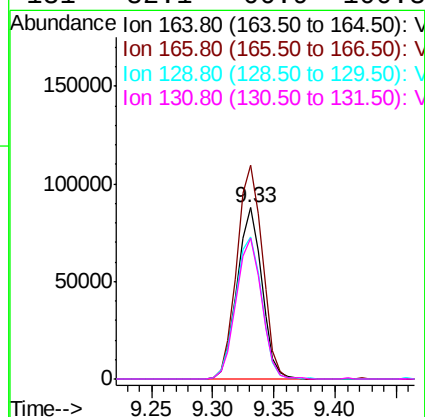
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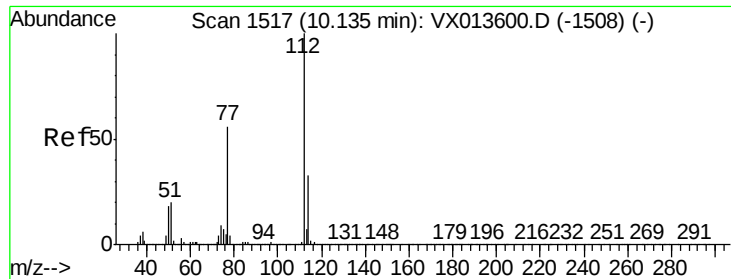
apatel
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#64
Tetrachloroethene
Concen: 19.583 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013771.D
Acq: 05 Dec 2019 13:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	124.5	99.7	149.5
129	82.6	70.1	105.1
131	82.1	66.9	100.3





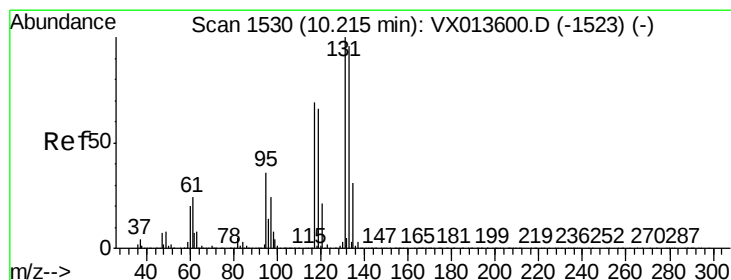
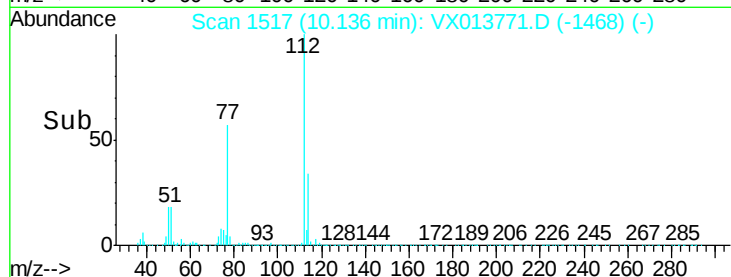
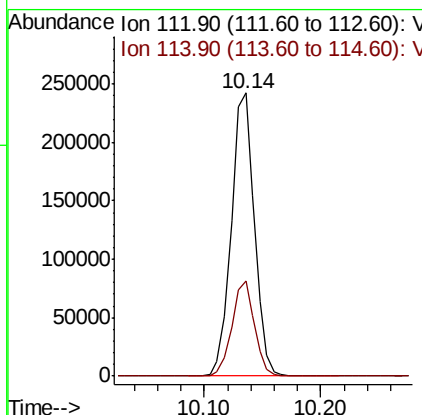
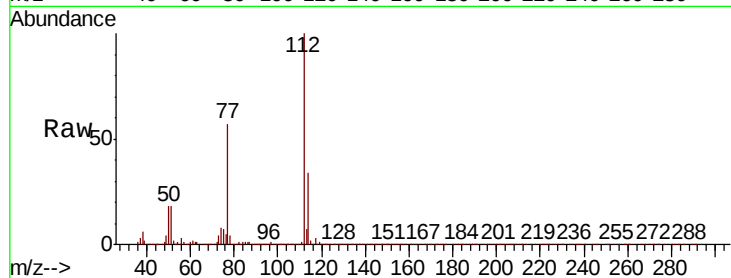
#65
Chlorobenzene
Concen: 19.232 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX013771.D
Acq: 05 Dec 2019 13:04

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD02

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.5	26.1	39.1

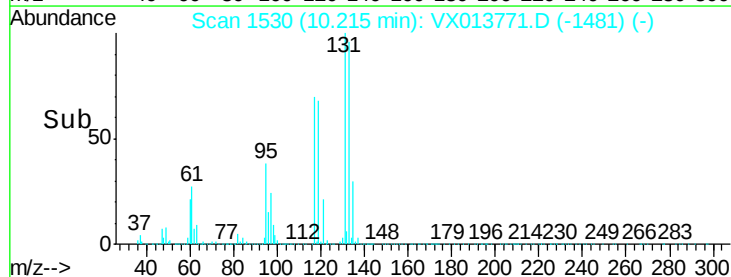
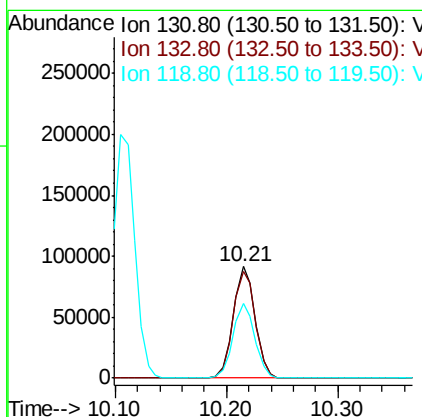
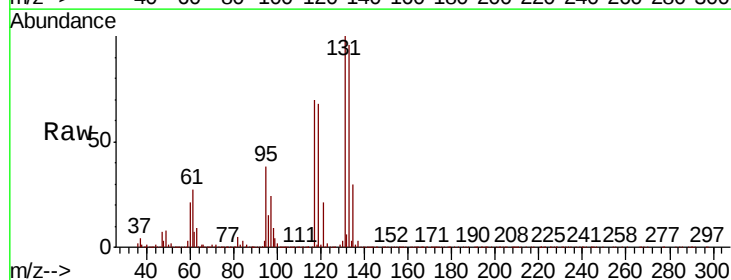
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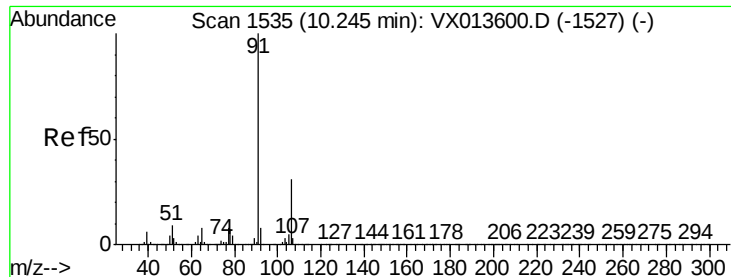
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.897 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX013771.D
Acq: 05 Dec 2019 13:04

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.5	47.7	143.1
119	66.4	32.9	98.6





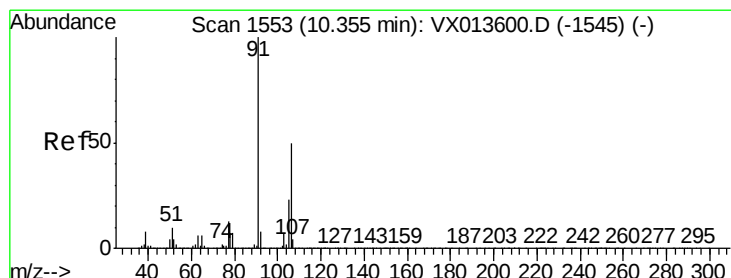
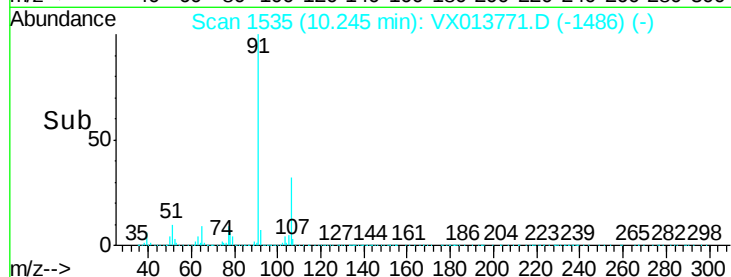
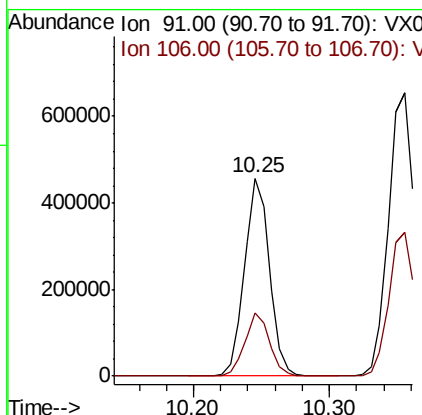
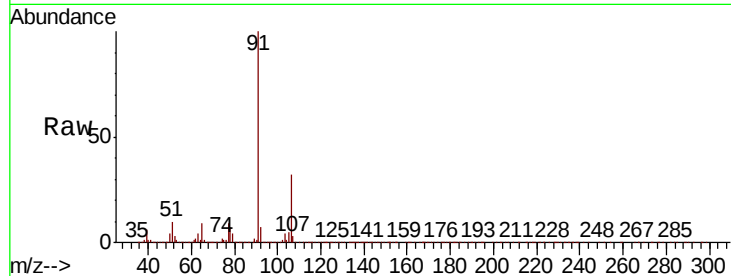
#67
Ethyl Benzene
Concen: 19.601 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX013771.D
Acq: 05 Dec 2019 13:04

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD02

Tot Ion: 91 Resp: 587092
Ion Ratio Lower Upper
91 100
106 31.6 24.5 36.7

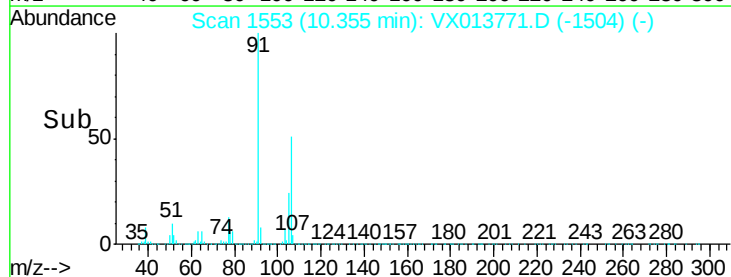
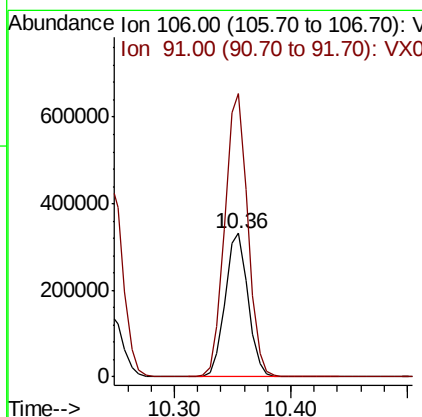
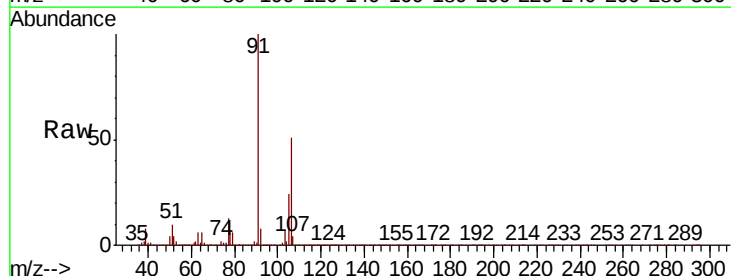
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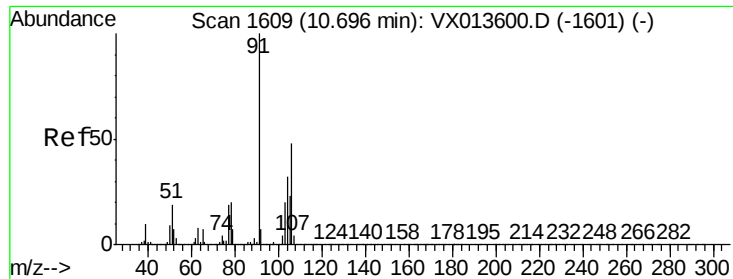
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#68
m/p-Xylenes
Concen: 39.317 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013771.D
Acq: 05 Dec 2019 13:04

Tgt Ion: 106 Resp: 450858
Ion Ratio Lower Upper
106 100
91 197.6 159.0 238.4





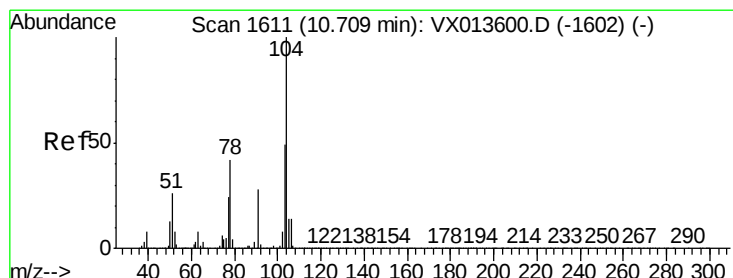
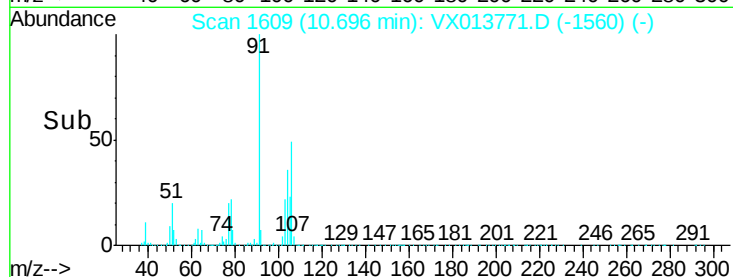
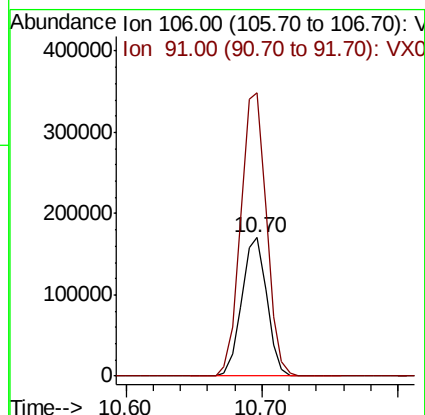
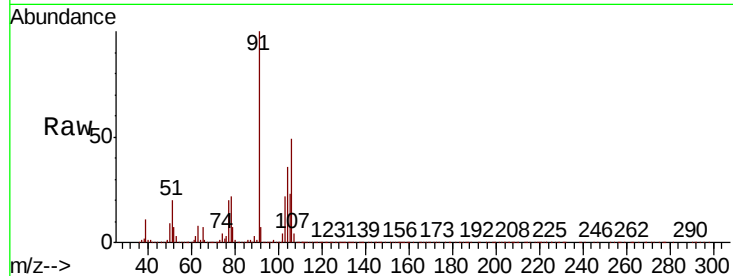
#69
o-Xylene
Concen: 19.613 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013771.D
Acq: 05 Dec 2019 13:04

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD02

Tot Ion	Ratio	Lower	Upper
106	100		
91	209.5	104.1	312.2

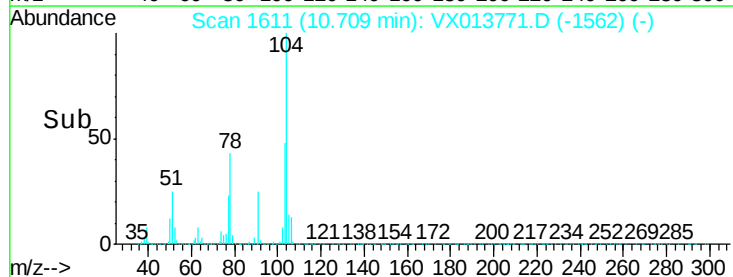
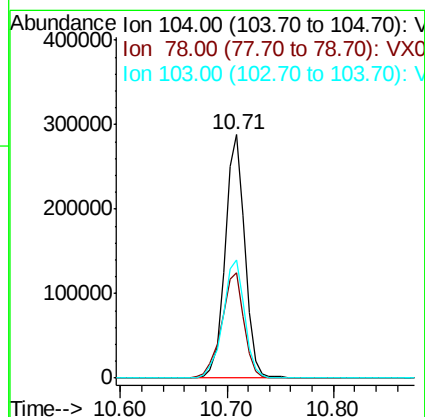
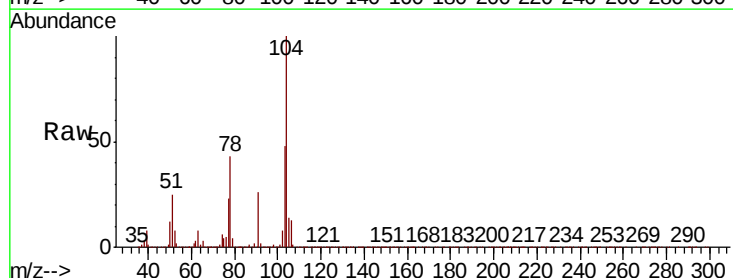
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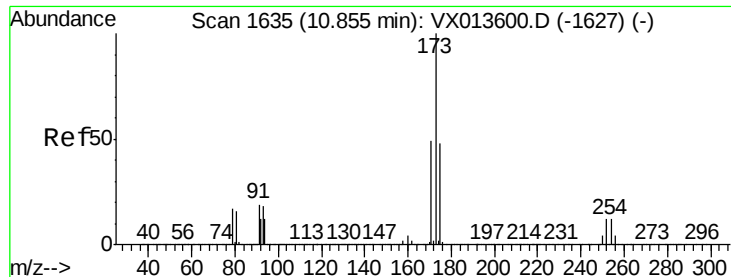
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#70
Styrene
Concen: 19.740 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013771.D
Acq: 05 Dec 2019 13:04

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.7	38.5	57.7
103	53.5	43.7	65.5





#71

Bromoform

Concen: 19.800 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

Instrument :

MSVOA_X

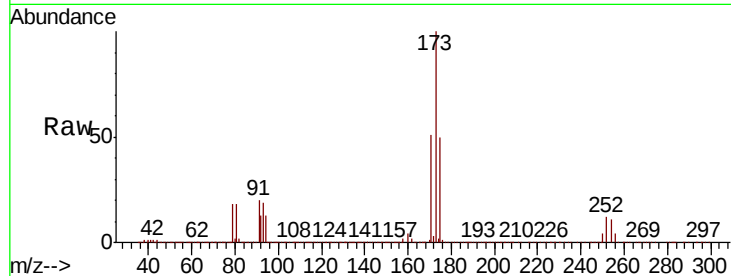
ClientSampleId :

VX1205WBSD02

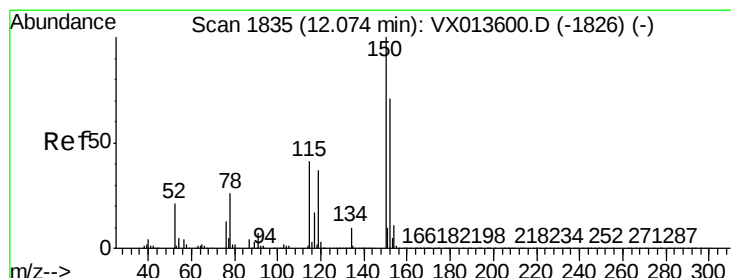
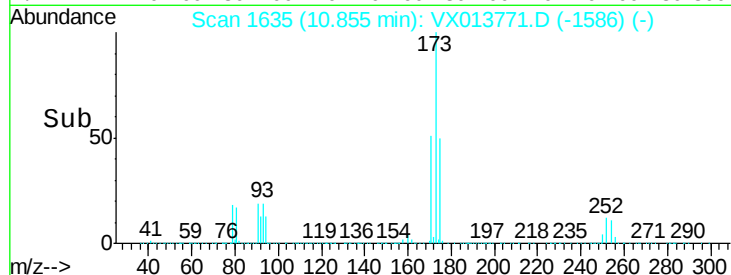
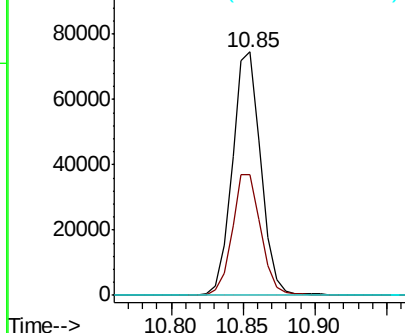
Tot Ion:	173	Resp:	102540
Ion Ratio	Lower	Upper	
173	100		
175	50.4	24.3	72.8
254	0.2	0.2	0.4

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

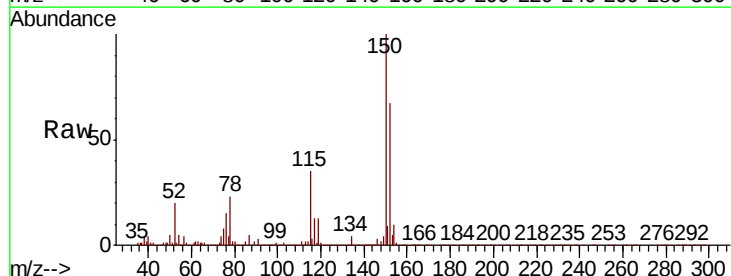
RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

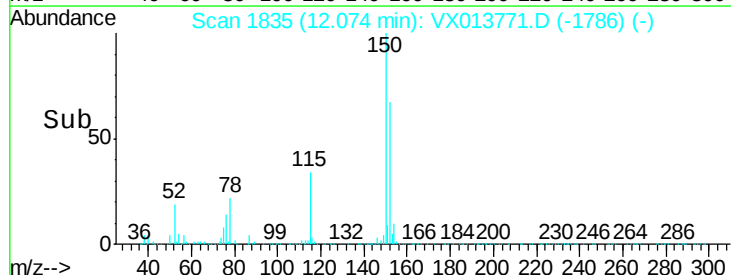
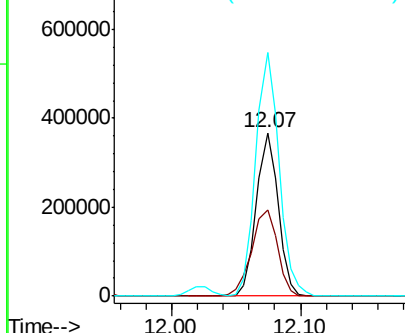
Lab File: VX013771.D

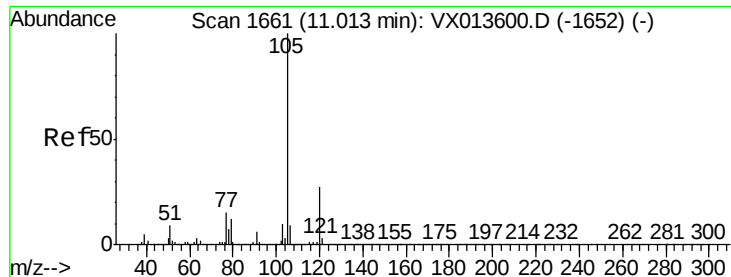
Acq: 05 Dec 2019 13:04

Tgt Ion:	152	Resp:	428541
Ion Ratio	Lower	Upper	
152	100		
115	62.1	38.4	115.1
150	159.1	0.0	346.8



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





#73

Isopropylbenzene

Concen: 19.224 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

Instrument :

MSVOA_X

ClientSampleID :

VX1205WBSD02

Tot Ion: 105 Resp: 577871

Ion Ratio Lower Upper

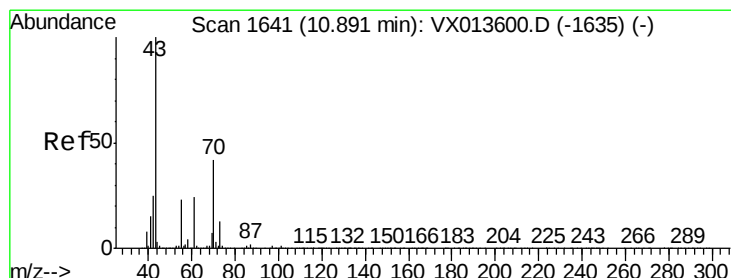
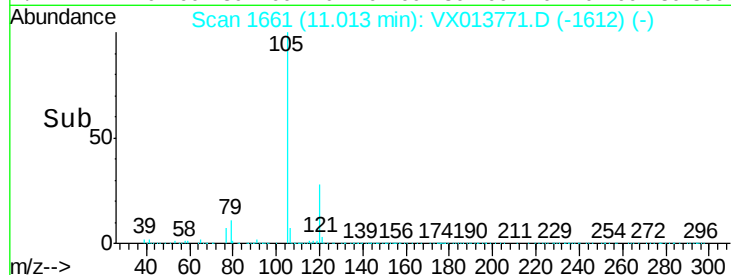
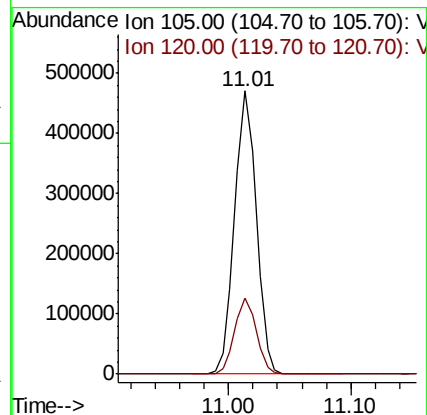
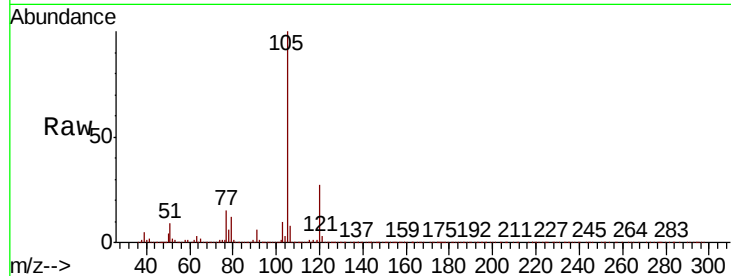
105 100

120 26.8 13.5 40.5

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#74

N-ethyl acetate

Concen: 18.952 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

Tgt Ion: 43 Resp: 260982

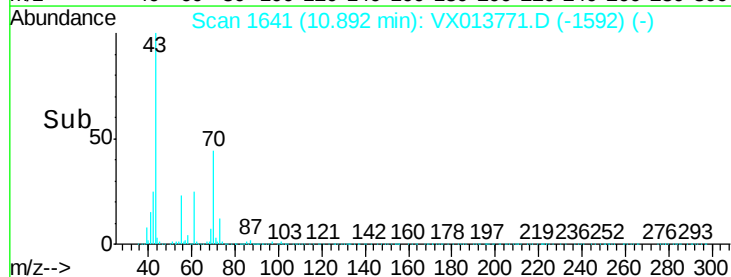
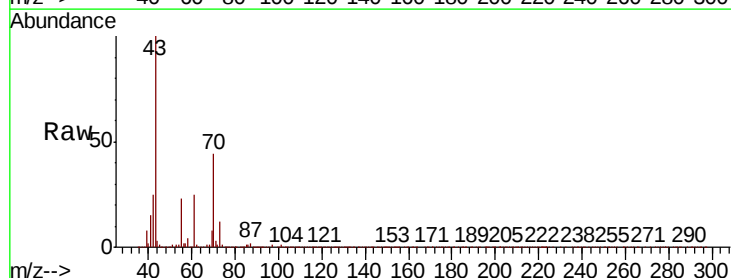
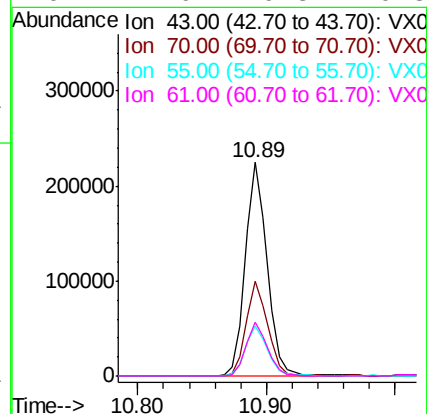
Ion Ratio Lower Upper

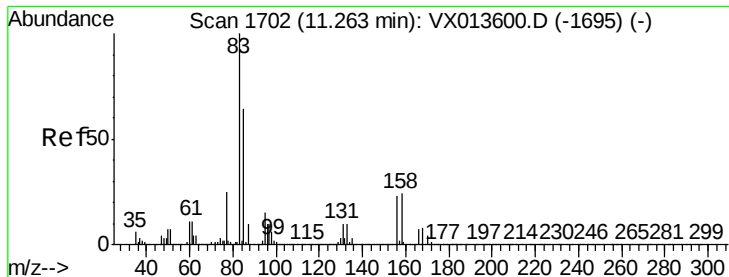
43 100

70 44.2 34.3 51.5

55 24.2 18.5 27.7

61 24.9 19.8 29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.544 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

Instrument :

MSVOA_X

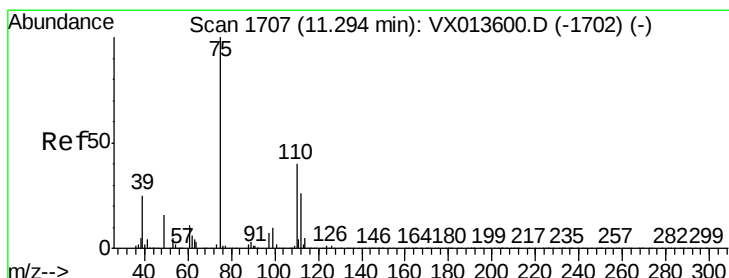
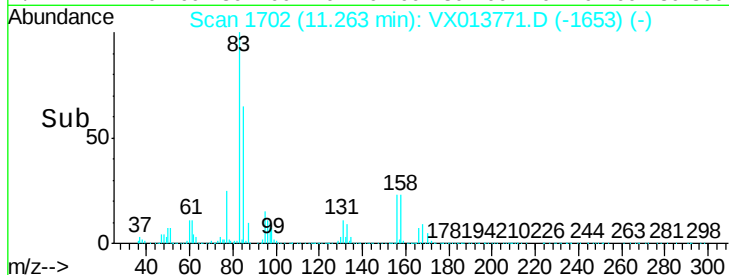
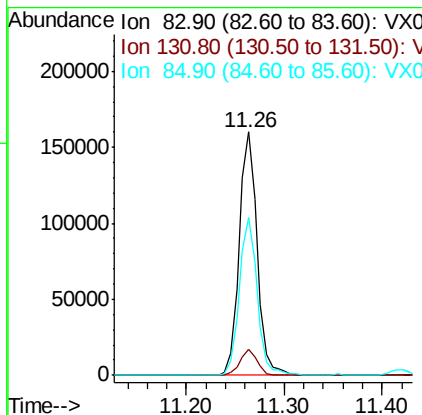
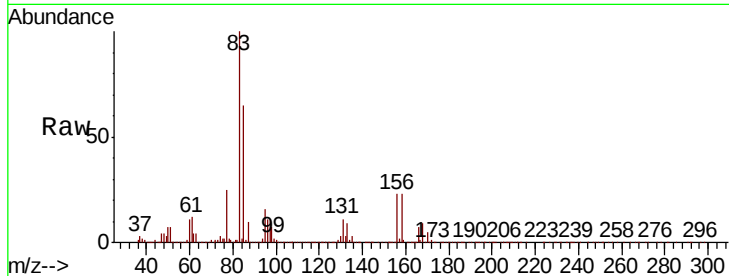
ClientSampleId :

VX1205WBSD02

Tot Ion:	83	Resp:	203740
Ion Ratio		Lower	Upper
83	100		
131	10.0	5.1	15.3
85	64.2	31.8	95.3

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#76

1,2,3-Trichloropropane

Concen: 16.704 ug/l m

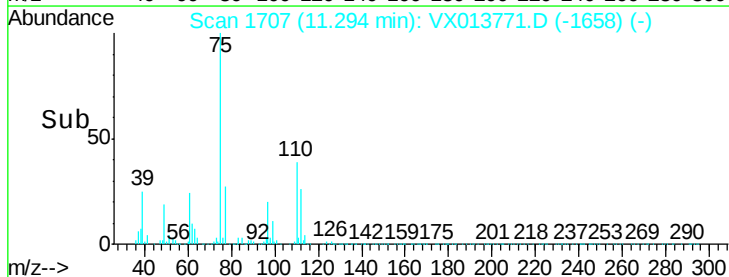
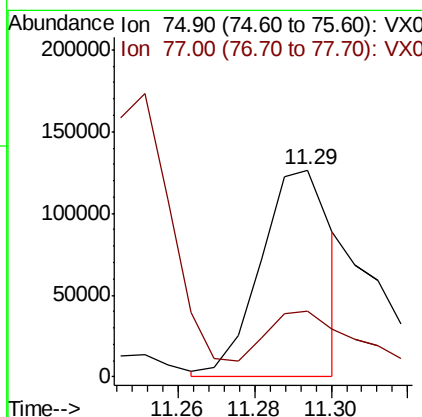
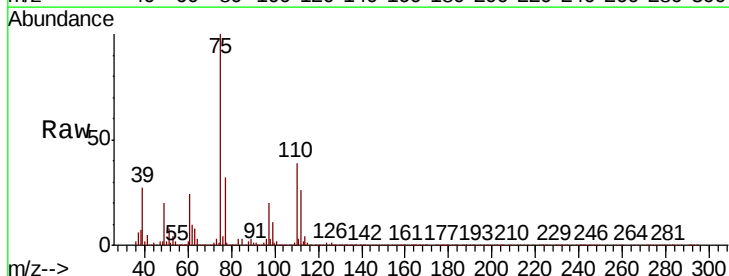
RT: 11.29 min Scan# 1707

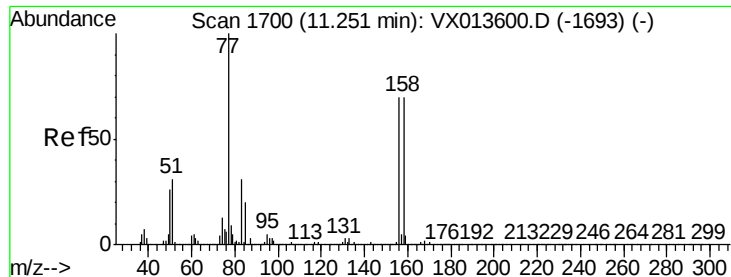
Delta R.T. 0.00 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

Tgt Ion:	75	Resp:	161002
Ion Ratio		Lower	Upper
75	100		
77	42.7	19.1	57.5





#77

Bromobenzene

Concen: 19.167 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

Instrument :

MSVOA_X

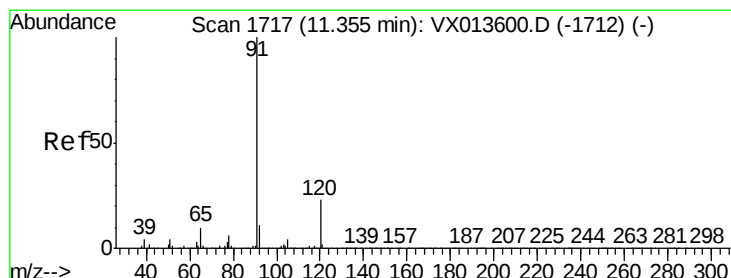
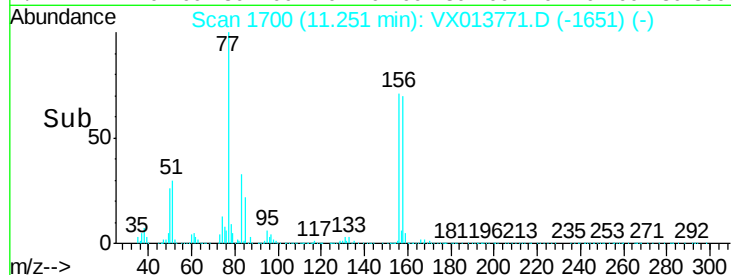
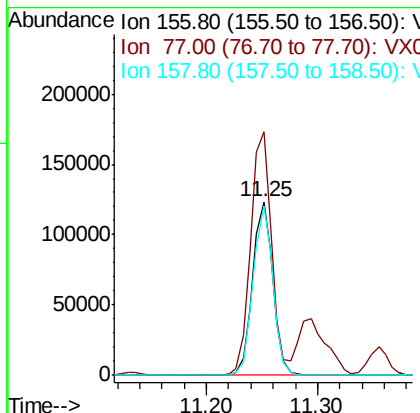
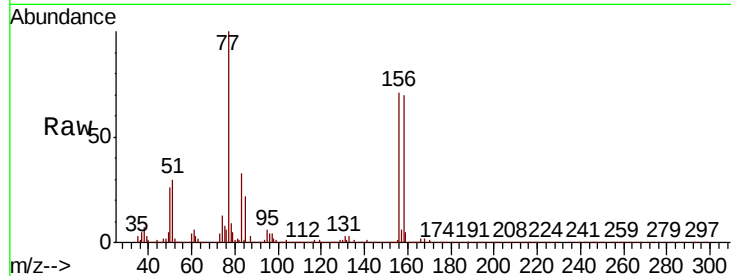
ClientSampleId :

VX1205WBSD02

Tot Ion:	156	Resp:	155652
Ion Ratio	Lower	Upper	
156	100		
77	145.5	74.4	223.1
158	96.4	48.9	146.6

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#78

n-propylbenzene

Concen: 19.173 ug/l

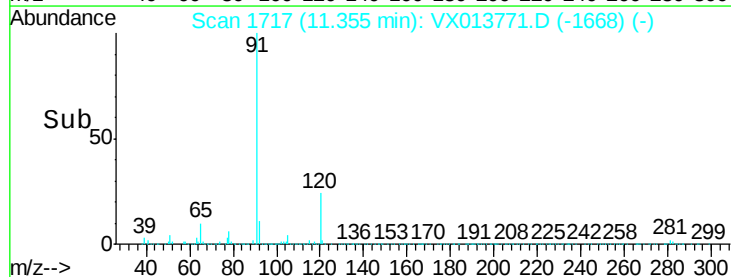
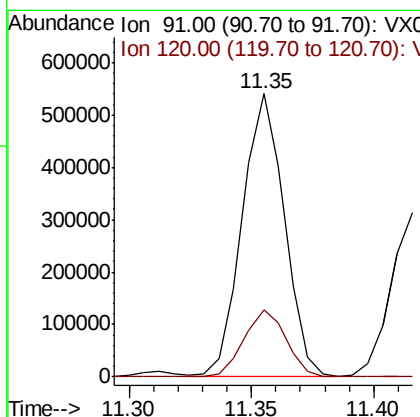
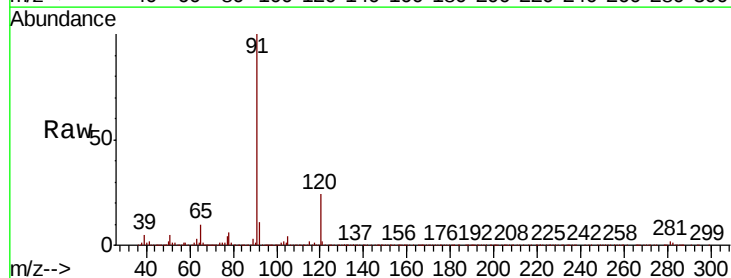
RT: 11.35 min Scan# 1717

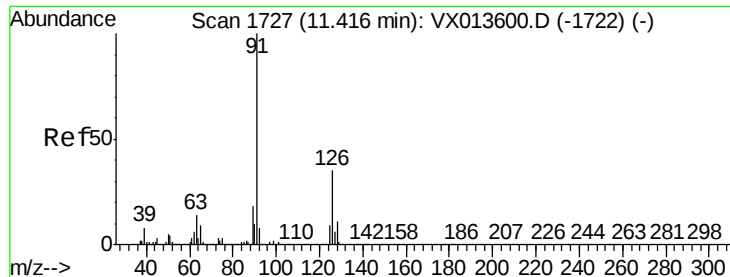
Delta R.T. 0.00 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

Tgt Ion:	91	Resp:	643400
Ion Ratio	Lower	Upper	
91	100		
120	24.0	11.8	35.3





#79

2-Chlorotoluene

Concen: 19.390 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBSD02

Tot Ion: 91 Resp: 390316

Ion Ratio Lower Upper

91 100

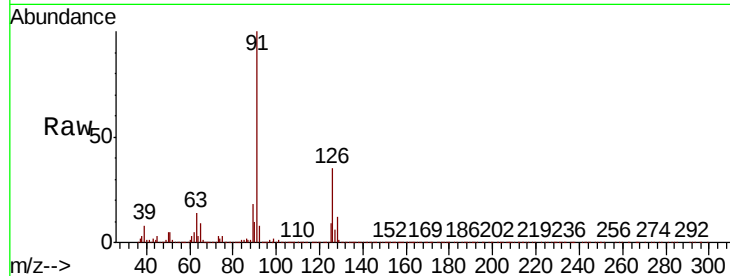
126 35.2 17.5 52.5

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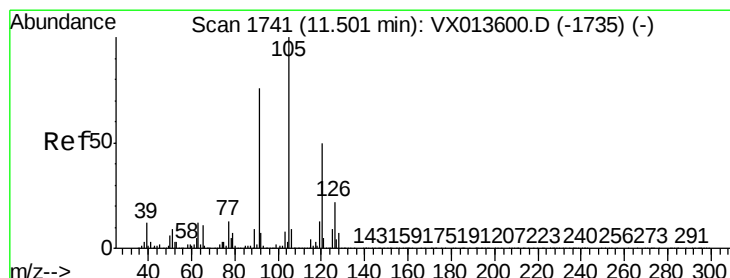
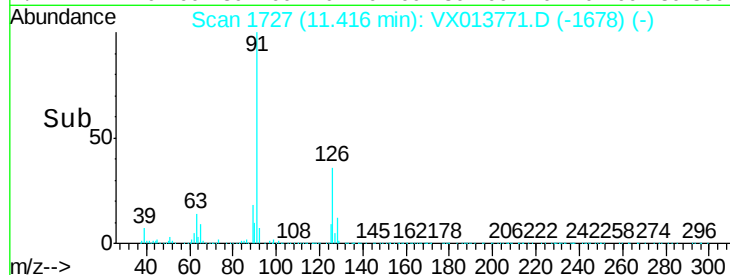
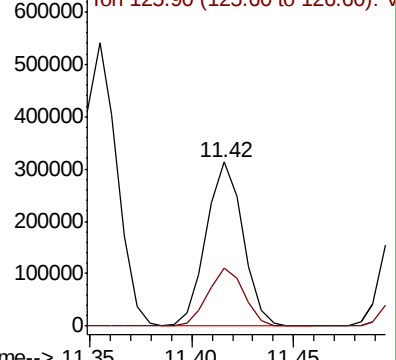
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Abundance Ion 91.00 (90.70 to 91.70): VX013771.D (-1678) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.613 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013771.D

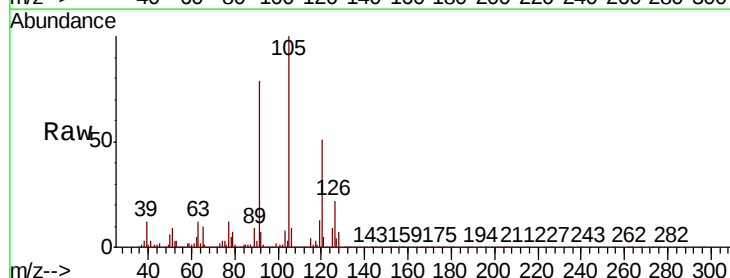
Acq: 05 Dec 2019 13:04

Tgt Ion: 105 Resp: 483222

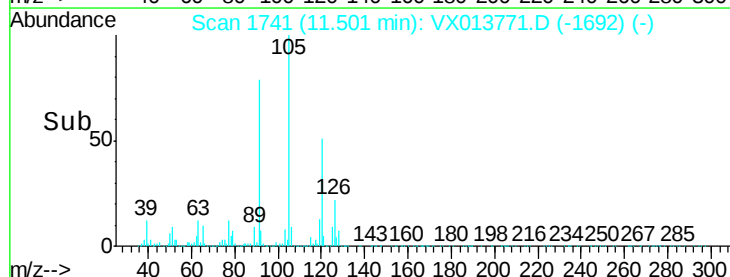
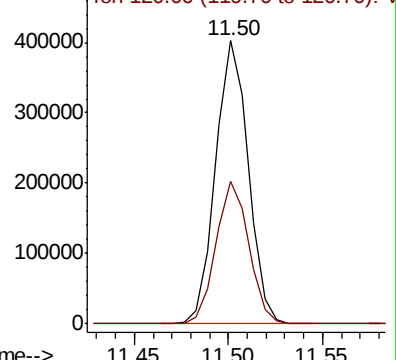
Ion Ratio Lower Upper

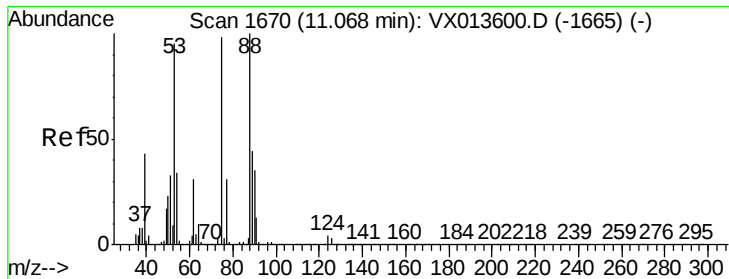
105 100

120 50.8 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): VX013771.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 17.809 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

Instrument :

MSVOA_X

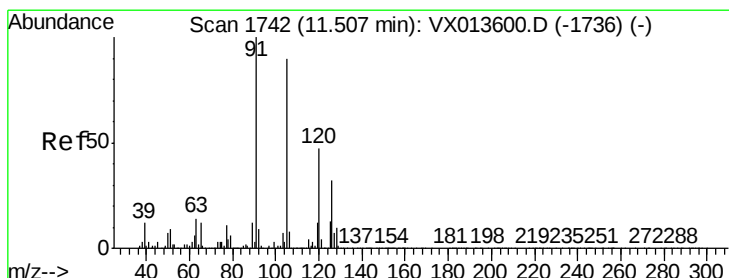
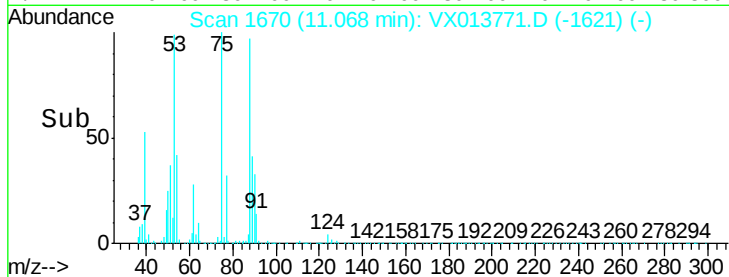
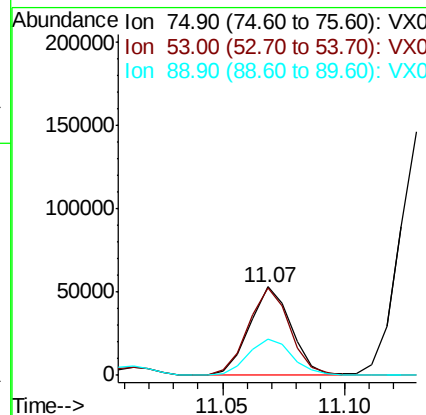
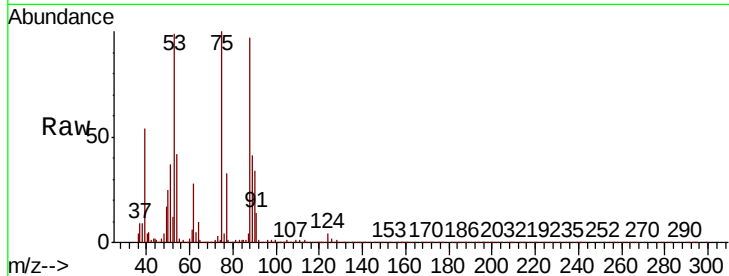
ClientSampleId :

VX1205WBSD02

Tot Ion:	75	Resp:	62745
Ion	Ratio	Lower	Upper
75	100		
53	98.7	78.2	117.2
89	43.2	35.4	53.2

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#82

4-Chlorotoluene

Concen: 19.144 ug/l

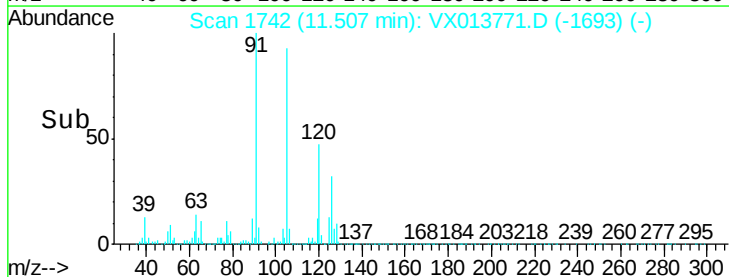
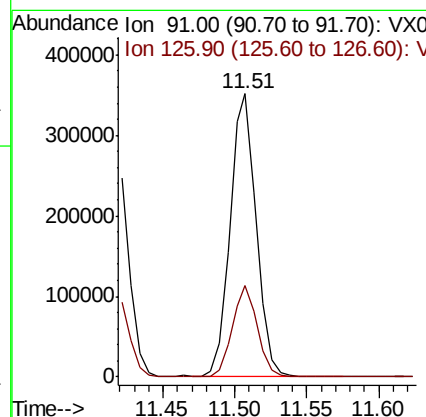
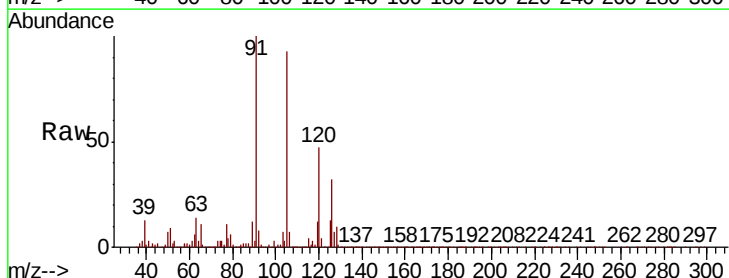
RT: 11.51 min Scan# 1742

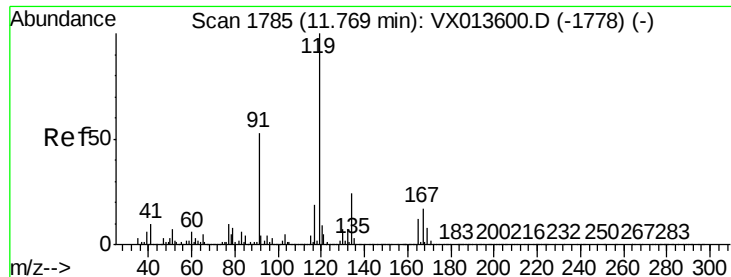
Delta R.T. 0.00 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

Tgt Ion:	91	Resp:	446340
Ion	Ratio	Lower	Upper
91	100		
126	30.9	15.7	47.0





#83

tert-Butylbenzene

Concen: 19.751 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

Instrument :

MSVOA_X

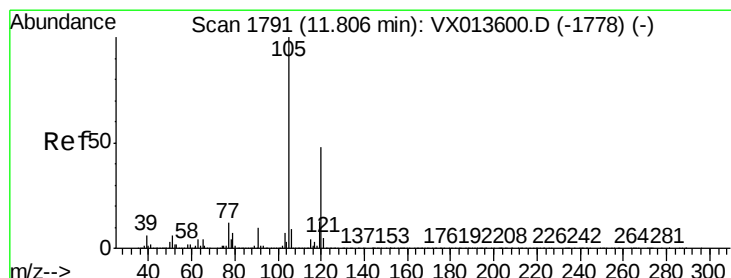
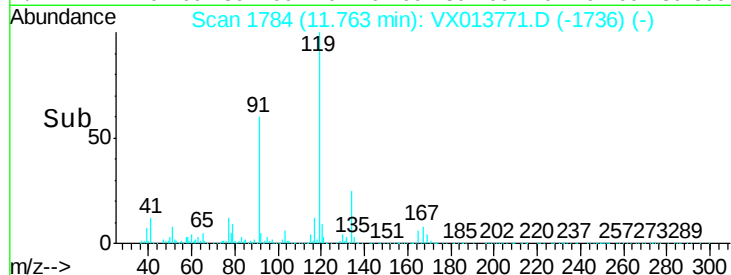
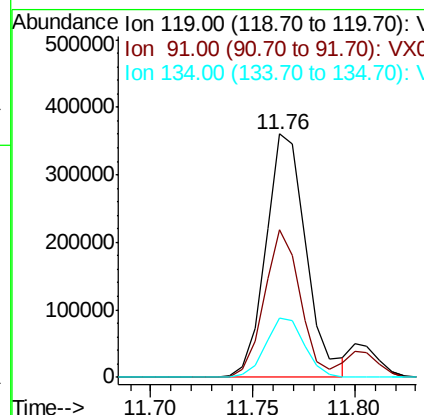
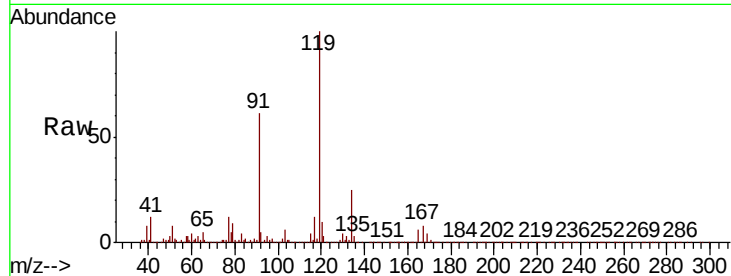
ClientSampleId :

VX1205WBSD02

Tot Ion:	119	Resp:	494549
Ion Ratio	Lower	Upper	
119	100		
91	54.0	27.2	81.6
134	23.5	11.7	35.1

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#84

1,2,4-Trimethylbenzene

Concen: 19.425 ug/l

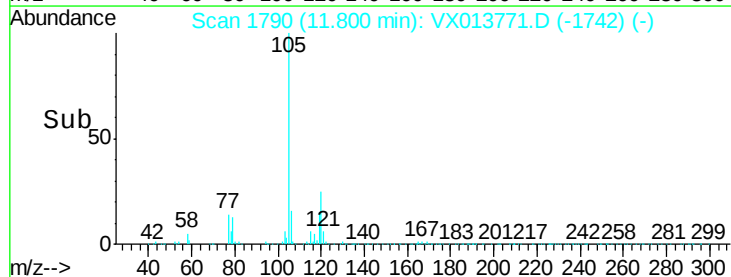
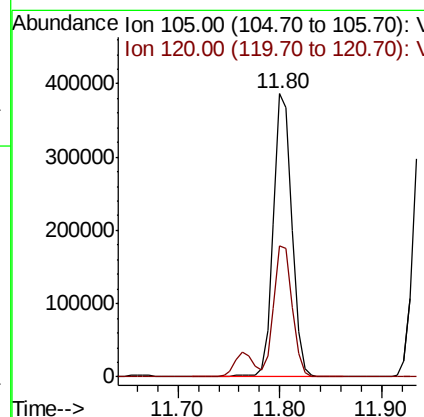
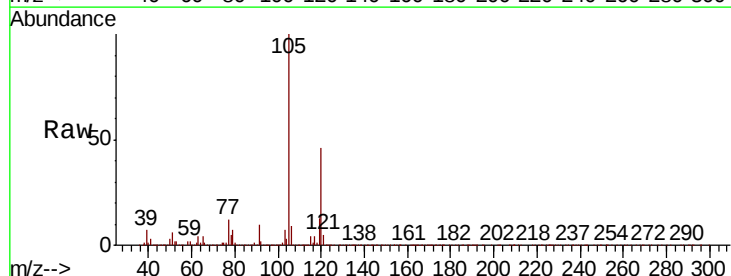
RT: 11.80 min Scan# 1790

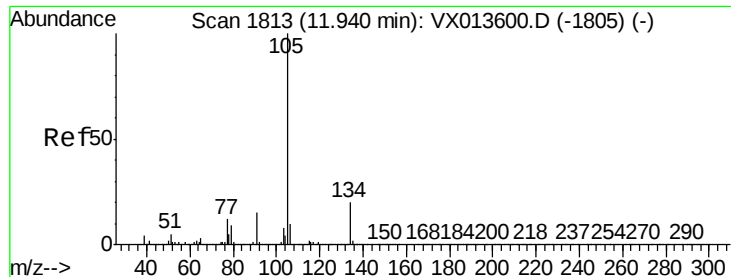
Delta R.T. -0.01 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

Tgt Ion:	105	Resp:	485712
Ion Ratio	Lower	Upper	
105	100		
120	46.2	23.1	69.3





#85

sec-Butylbenzene

Concen: 19.572 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

VX1205WBSD02

Tot Ion:105 Resp: 559749

Ion Ratio Lower Upper

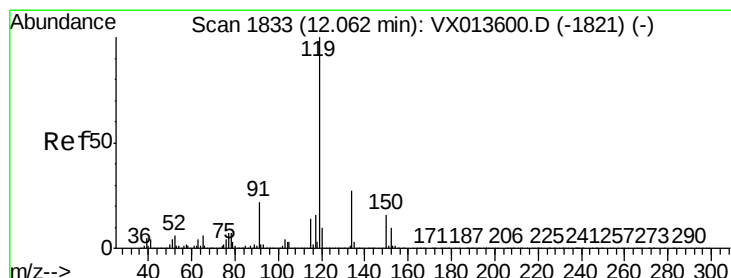
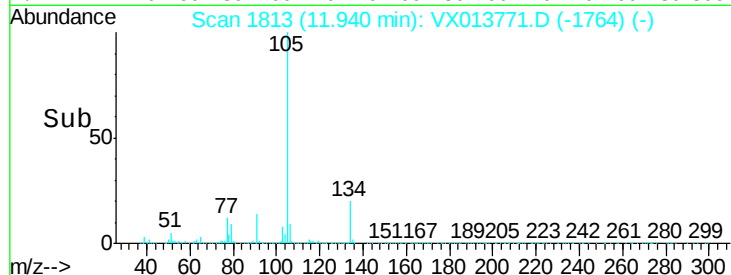
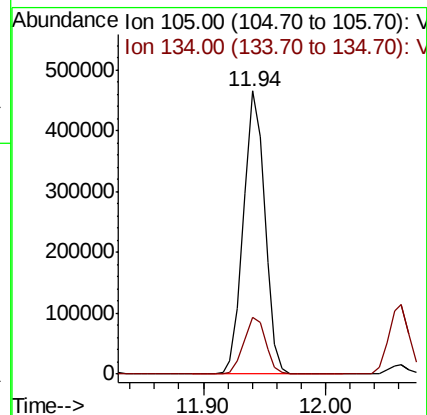
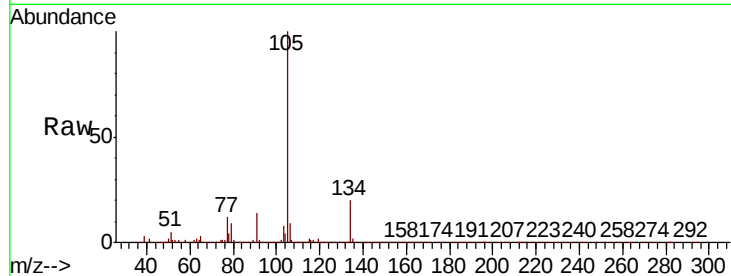
105 100

134 20.9 10.4 31.2

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#86

p-Isopropyltoluene

Concen: 19.460 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

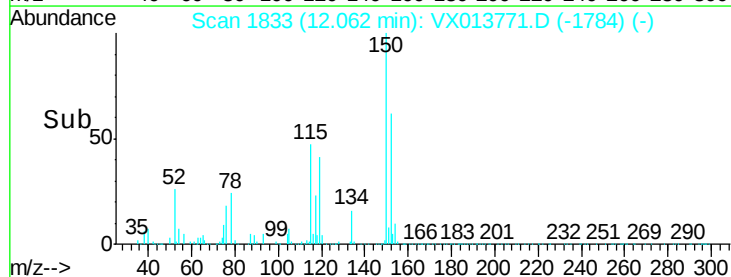
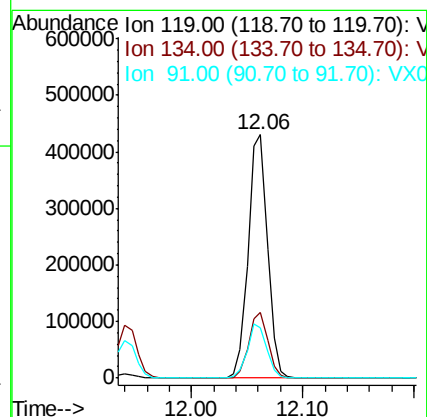
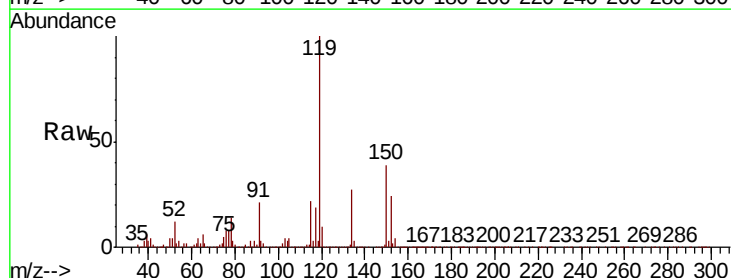
Tgt Ion:119 Resp: 517751

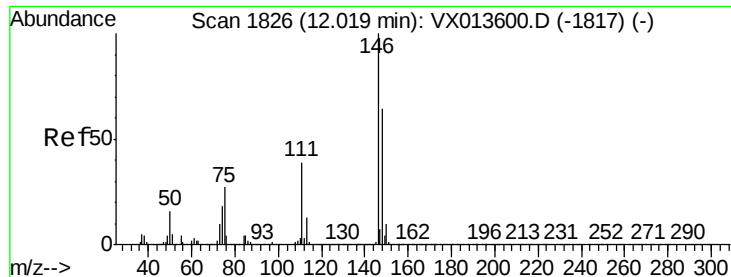
Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.9

91 22.3 11.3 33.8





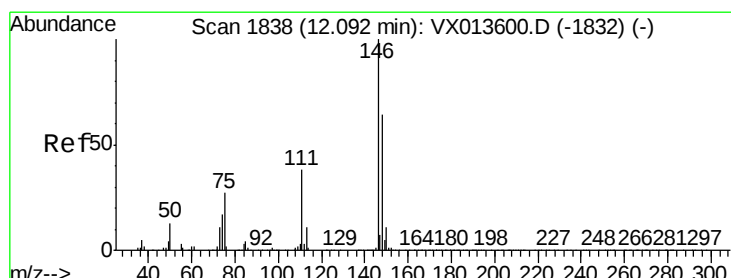
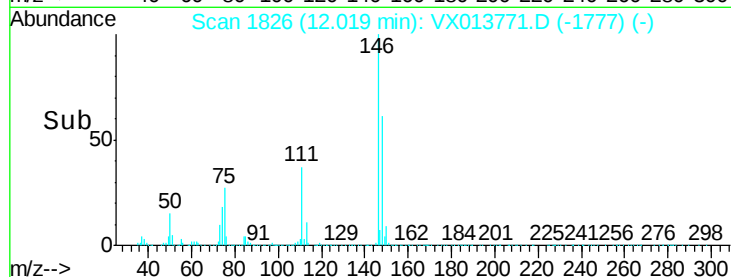
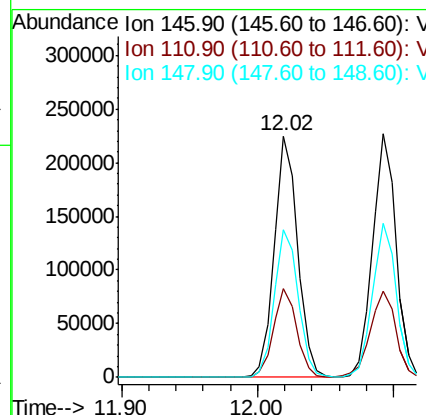
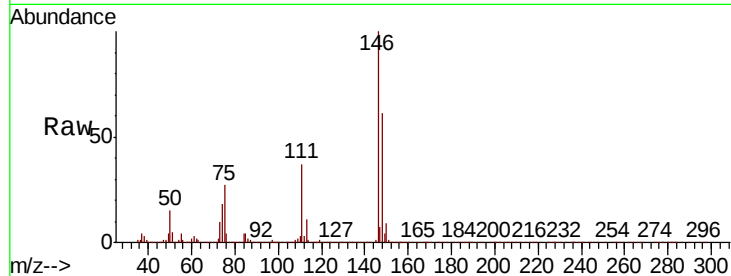
#87
 1,3-Dichlorobenzene
 Concen: 19.132 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013771.D
 Acq: 05 Dec 2019 13:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.4	19.0	57.0
148	62.4	31.8	95.4

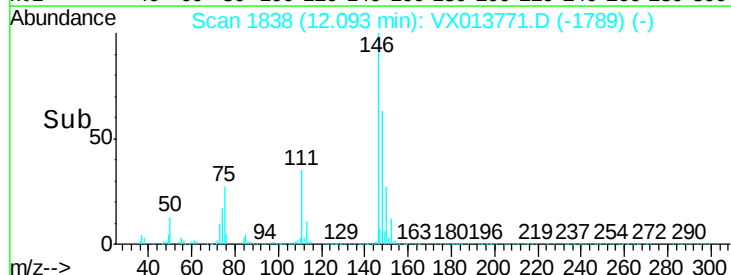
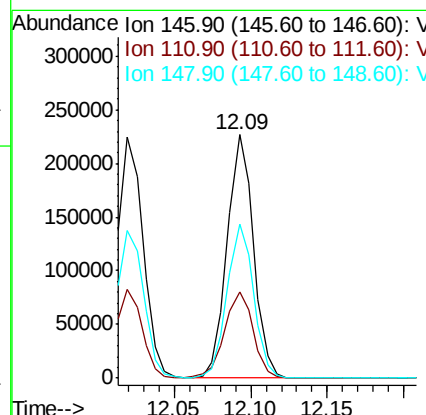
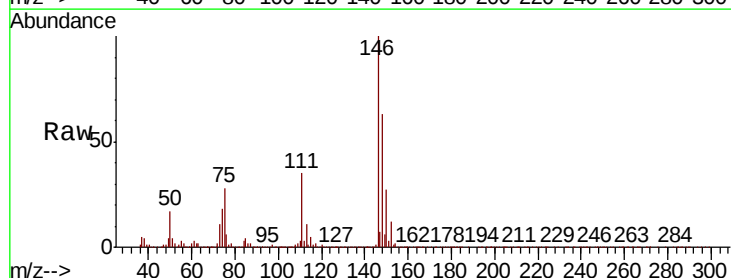
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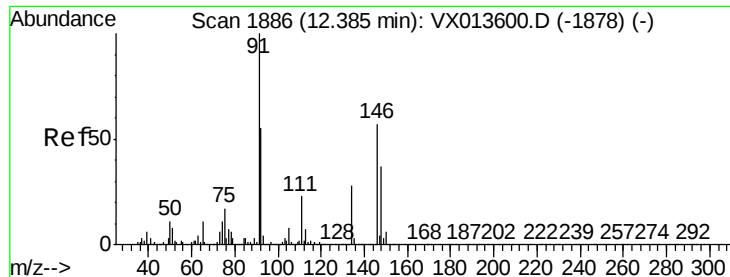
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#88
 1,4-Dichlorobenzene
 Concen: 18.752 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013771.D
 Acq: 05 Dec 2019 13:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.9	56.9
148	63.6	31.9	95.5





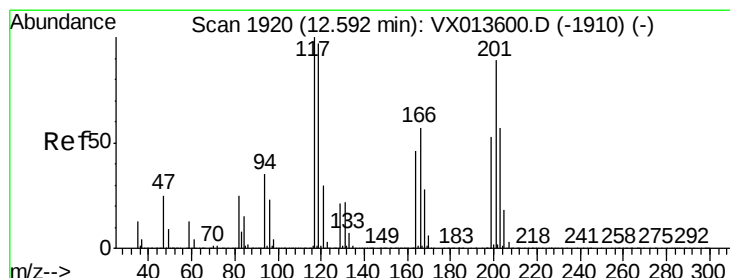
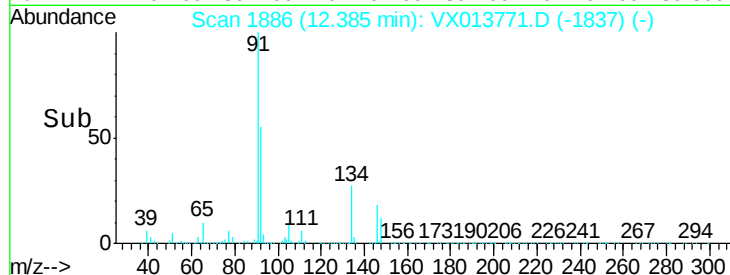
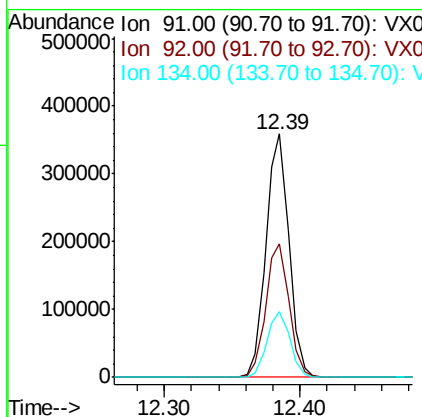
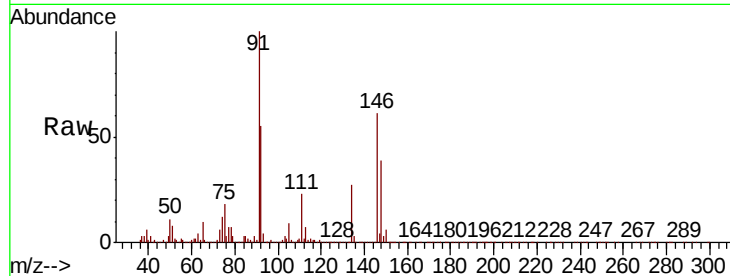
#89
n-Butylbenzene
Concen: 18.813 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013771.D
Acq: 05 Dec 2019 13:04

Instrument :
MSVOA_X
ClientSampleId :
VX1205WBSD02

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.6	27.4	82.2
134	27.5	13.5	40.4

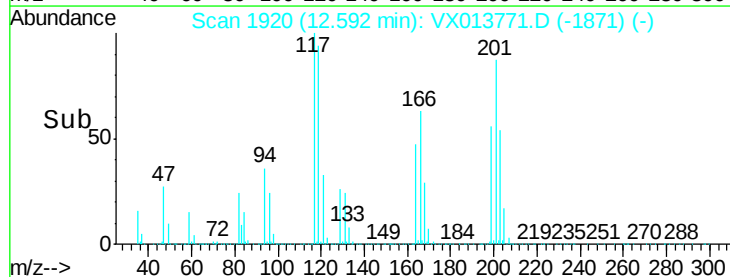
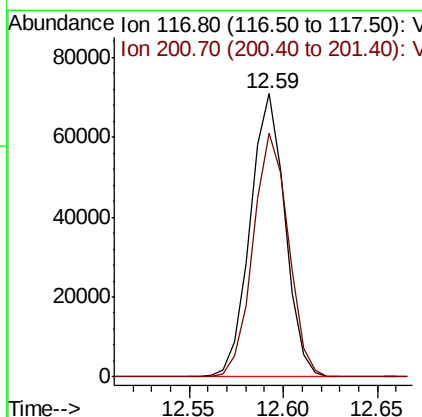
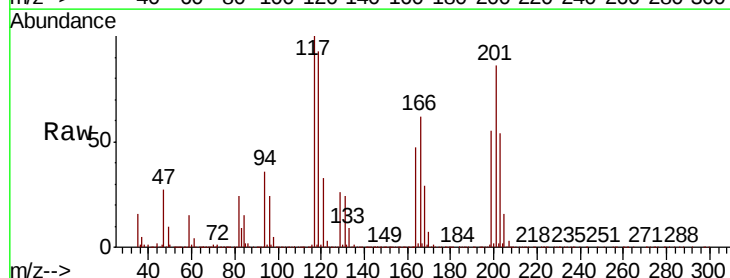
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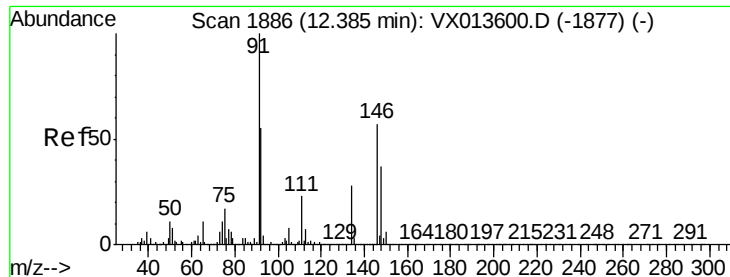
apatel
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#90
Hexachloroethane
Concen: 18.798 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013771.D
Acq: 05 Dec 2019 13:04

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.7	44.1	132.4





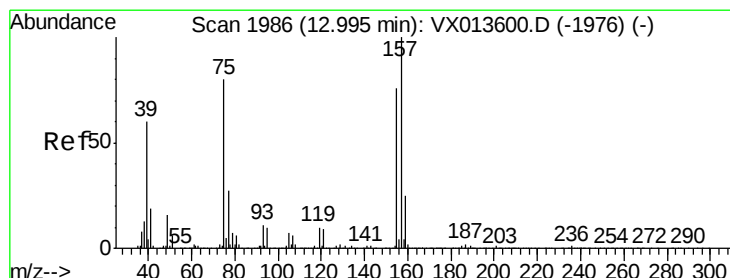
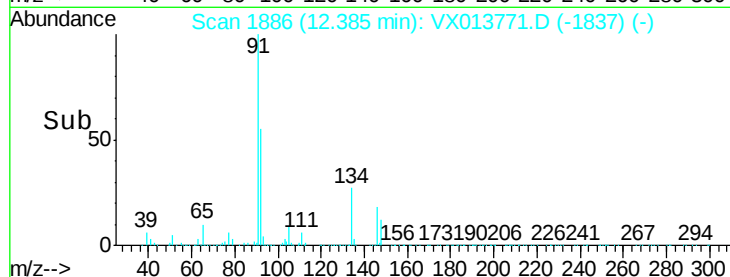
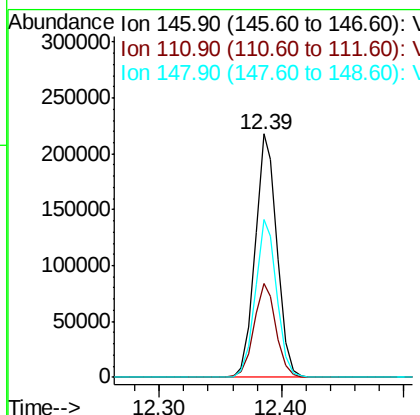
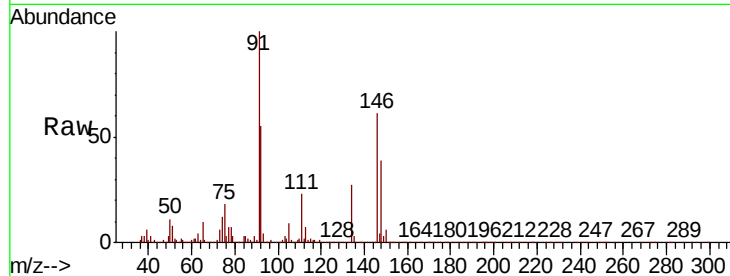
#91
 1,2-Dichlorobenzene
 Concen: 19.429 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013771.D
 Acq: 05 Dec 2019 13:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.6	58.7
148	63.9	31.9	95.7

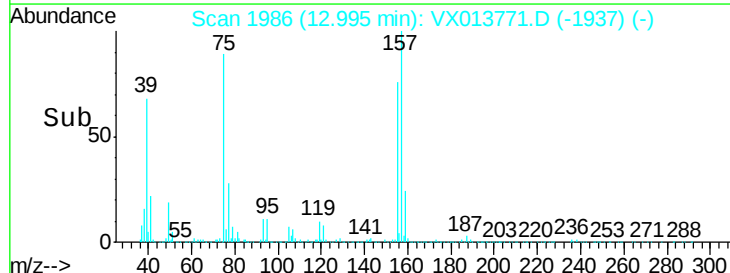
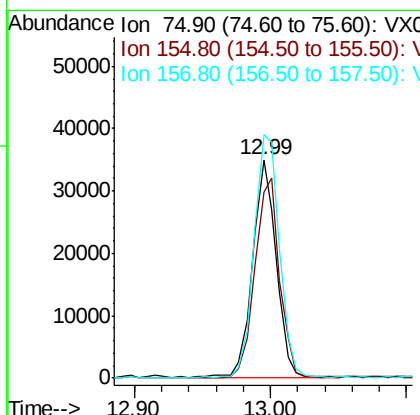
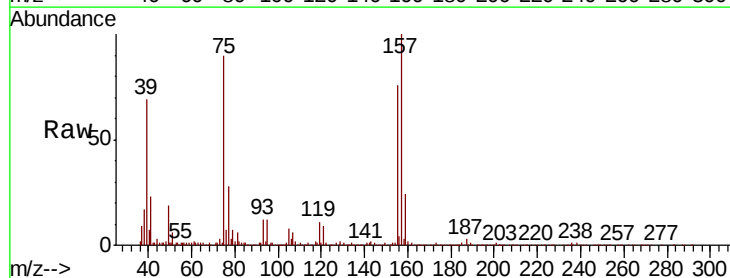
Manual Integrations
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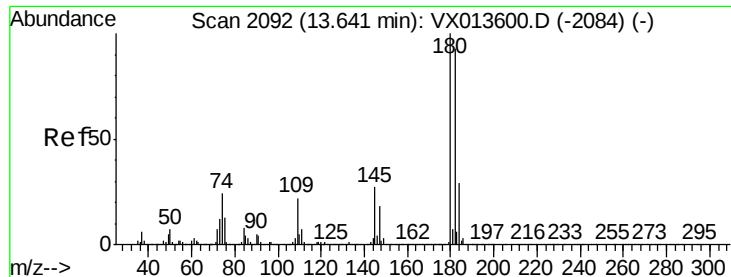
apatel
 12/6/2019 9:36:09 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.805 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX013771.D
 Acq: 05 Dec 2019 13:04

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.8	47.6	142.8
157	120.5	62.1	186.2





#93

1,2,4-Trichlorobenzene

Concen: 18.631 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

Instrument :

MSVOA_X

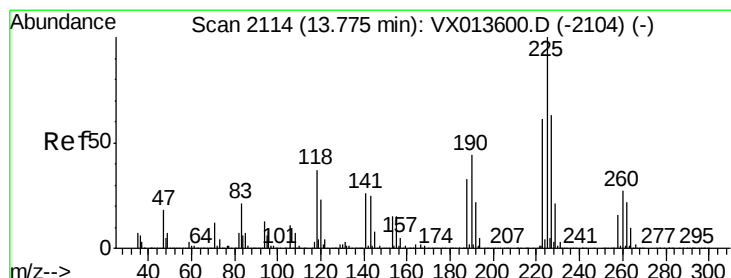
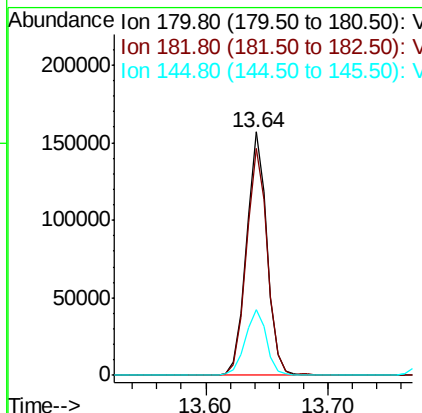
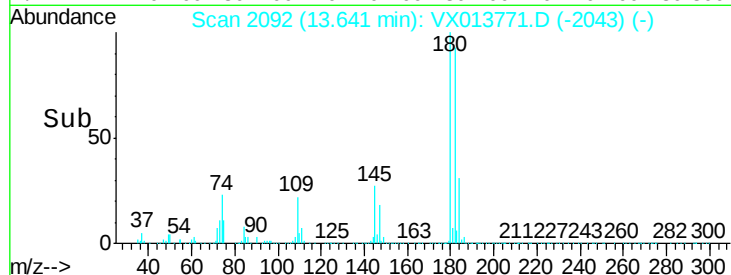
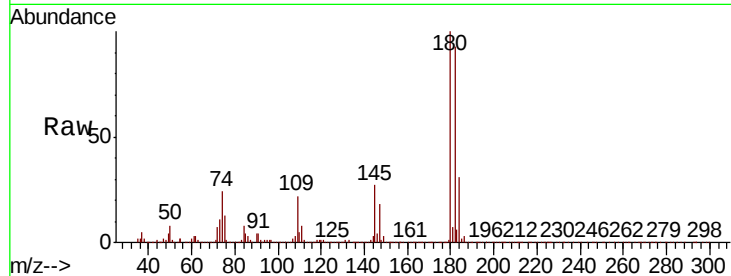
ClientSampleId :

VX1205WBSD02

Tot Ion:	180	Resp:	181610
Ion Ratio	Lower	Upper	
180	100		
182	95.3	47.2	141.6
145	28.3	13.8	41.4

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#94

Hexachlorobutadiene

Concen: 18.393 ug/l

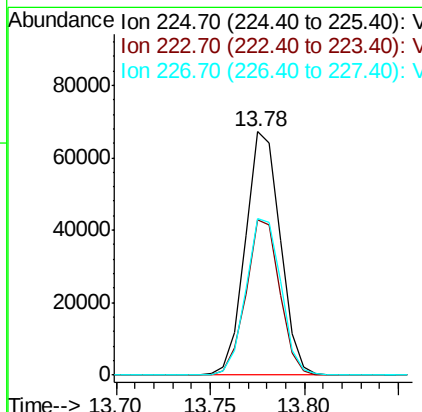
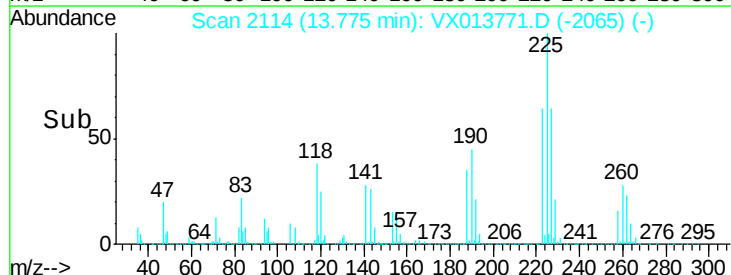
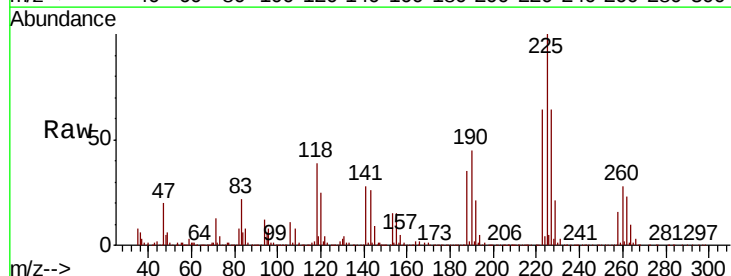
RT: 13.78 min Scan# 2114

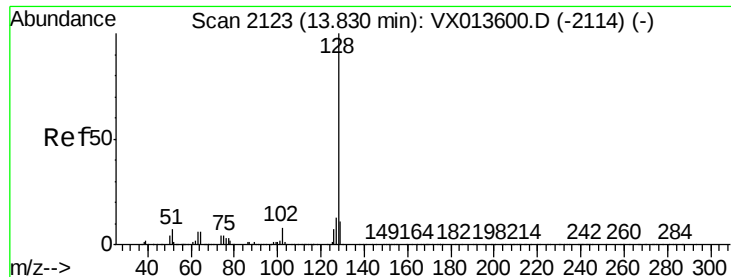
Delta R.T. 0.00 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

Tgt Ion:	225	Resp:	86128
Ion Ratio	Lower	Upper	
225	100		
223	62.0	31.9	95.5
227	64.7	32.1	96.3





#95

Naphthalene

Concen: 19.063 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

Instrument :

MSVOA_X

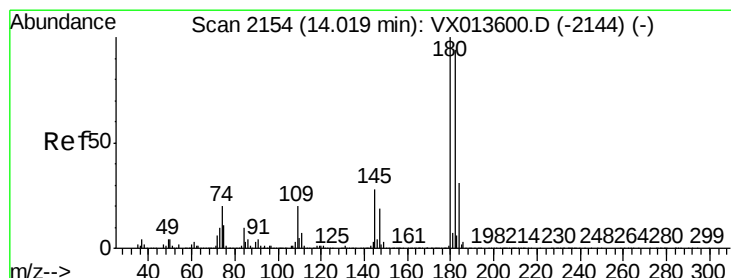
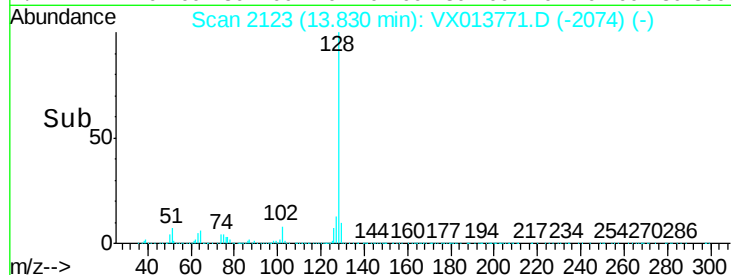
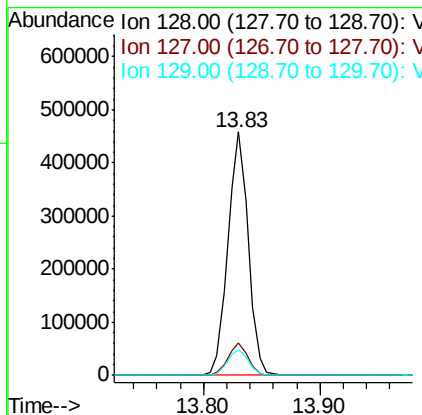
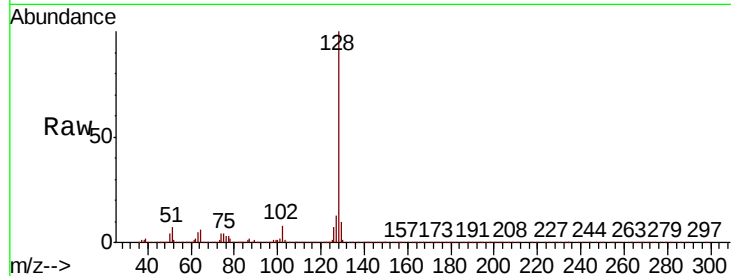
ClientSampleId :

VX1205WBSD02

Tot Ion:	128	Resp:	553397
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.3	15.5
129	10.6	8.7	13.1

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#96

1,2,3-Trichlorobenzene

Concen: 18.996 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.01 min

Lab File: VX013771.D

Acq: 05 Dec 2019 13:04

Tgt Ion:	180	Resp:	183344
Ion Ratio	Lower	Upper	
180	100		
182	95.2	47.6	142.8
145	29.8	15.0	45.0

