

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120919\
 Data File : VX013850.D
 Acq On : 09 Dec 2019 14:37
 Operator : JC/SP
 Sample : VX1209WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBS01

Manual Integrations
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 12/11/2019 8:54:32 AM

Quant Time: Dec 10 03:54:04 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	583188	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	892064	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	805294	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	383191	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	313014	46.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.48%	
35) Dibromofluoromethane	5.48	113	261314	47.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.76%	
50) Toluene-d8	8.71	98	973687	45.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.64%	
62) 4-Bromofluorobenzene	11.14	95	345271	44.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	102453	15.783	ug/l	98
3) Chloromethane	1.32	50	119619	16.423	ug/l	100
4) Vinyl Chloride	1.40	62	139794	17.052	ug/l	98
5) Bromomethane	1.63	94	79564	14.452	ug/l	95
6) Chloroethane	1.72	64	77704	16.657	ug/l	97
7) Trichlorofluoromethane	1.92	101	145643	16.000	ug/l	100
8) Diethyl Ether	2.18	74	70156	17.035	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	91892	16.527	ug/l	98
10) Methyl Iodide	2.50	142	87349	12.987	ug/l	99
11) Tert butyl alcohol	3.03	59	130375	78.025	ug/l	98
12) 1,1-Dichloroethene	2.36	96	90107	16.235	ug/l	97
13) Acrolein	2.28	56	106203	98.760	ug/l	97
14) Allyl chloride	2.72	41	164040	16.287	ug/l	99
15) Acrylonitrile	3.13	53	290554	84.241	ug/l	98
16) Acetone	2.43	43	272598	81.563	ug/l	98
17) Carbon Disulfide	2.56	76	226267	14.301	ug/l	100
18) Methyl Acetate	2.76	43	168497	18.105	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	313730	17.064	ug/l	99
20) Methylene Chloride	2.85	84	109061	16.985	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	96050	15.886	ug/l	97
22) Diisopropyl ether	3.84	45	346621	17.873	ug/l	96
23) Vinyl Acetate	3.80	43	1375347	85.247	ug/l	98
24) 1,1-Dichloroethane	3.69	63	183351	17.294	ug/l	99
25) 2-Butanone	4.65	43	414948	83.539	ug/l	97
26) 2,2-Dichloropropane	4.57	77	132982	15.160	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	112515	16.205	ug/l	99
28) Bromochloromethane	5.00	49	83276	19.869	ug/l	100
29) Tetrahydrofuran	5.11	42	267686	87.420	ug/l	99
30) Chloroform	5.20	83	179998	16.741	ug/l	97
31) Cyclohexane	5.57	56	155190	15.519	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	146784	16.336	ug/l	100
36) 1,1-Dichloropropene	5.79	75	130675	16.137	ug/l	99
37) Ethyl Acetate	4.82	43	153137	16.857	ug/l	98
38) Carbon Tetrachloride	5.78	117	124648	16.694	ug/l	97

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VX1209WBS01

Manual Integrations
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 12/11/2019 8:54:32 AM

Quant Time: Dec 10 03:54:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	155872	15.572	ug/l	97
40) Benzene	6.14	78	411801	16.697	ug/l	98
41) Methacrylonitrile	5.03	41	86278	17.318	ug/l	97
42) 1,2-Dichloroethane	6.18	62	148633	17.671	ug/l	99
43) Isopropyl Acetate	6.43	43	250162	16.727	ug/l	99
44) Trichloroethene	7.21	130	108237	15.991	ug/l	98
45) 1,2-Dichloropropane	7.51	63	107062	17.350	ug/l	98
46) Dibromomethane	7.65	93	71320	17.018	ug/l	97
47) Bromodichloromethane	7.89	83	133371	16.834	ug/l	99
48) Methyl methacrylate	7.76	41	122848	16.906	ug/l	98
49) 1,4-Dioxane	7.73	88	51740	318.095	ug/l	94
51) 4-Methyl-2-Pentanone	8.64	43	815166	86.650	ug/l	100
52) Toluene	8.78	92	257474	16.805	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	140691	15.601	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	159453	16.184	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	108502	17.573	ug/l	97
56) Ethyl methacrylate	9.17	69	163741	16.495	ug/l	98
57) 1,3-Dichloropropane	9.37	76	180120	16.925	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	351546	90.325	ug/l	100
59) 2-Hexanone	9.48	43	623570	84.988	ug/l	98
60) Dibromochloromethane	9.57	129	105354	16.442	ug/l	99
61) 1,2-Dibromoethane	9.67	107	112896	17.120	ug/l	97
64) Tetrachloroethene	9.33	164	100772	16.780	ug/l	99
65) Chlorobenzene	10.14	112	274989	16.447	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	102243	17.030	ug/l	99
67) Ethyl Benzene	10.25	91	480269	16.716	ug/l	98
68) m/p-Xylenes	10.35	106	362376	32.944	ug/l	99
69) o-Xylene	10.70	106	177672	16.562	ug/l	98
70) Styrene	10.71	104	299855	16.616	ug/l	100
71) Bromoform	10.85	173	81036	16.313	ug/l	99
73) Isopropylbenzene	11.01	105	475485	17.690	ug/l	100
74) N-amyl acetate	10.89	43	208889	16.965	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	170465	18.287	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	154695m	17.949	ug/l	
77) Bromobenzene	11.25	156	124415	17.133	ug/l	99
78) n-propylbenzene	11.35	91	523238	17.438	ug/l	100
79) 2-Chlorotoluene	11.42	91	320199	17.789	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	389778	17.693	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	47731	15.151	ug/l	93
82) 4-Chlorotoluene	11.51	91	359173	17.229	ug/l	100
83) tert-Butylbenzene	11.76	119	393878	17.592	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	391054	17.490	ug/l	100
85) sec-Butylbenzene	11.94	105	445005	17.401	ug/l	99
86) p-Isopropyltoluene	12.06	119	405191	17.032	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	208091	16.439	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	213050	16.524	ug/l	99
89) n-Butylbenzene	12.39	91	333387	16.430	ug/l	98
90) Hexachloroethane	12.59	117	71516	16.631	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	213174	17.045	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	35350	17.414	ug/l	95

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBS01

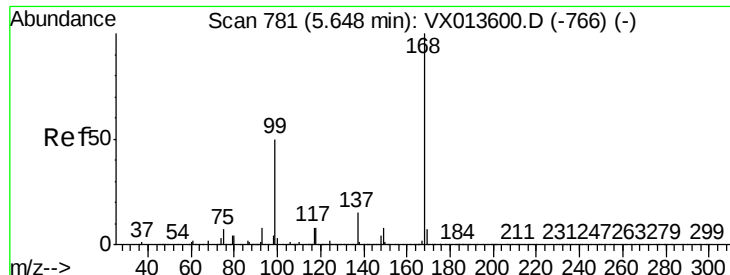
Manual Integrations
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Quant Time: Dec 10 03:54:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	134572	15.439	ug/l	98
94) Hexachlorobutadiene	13.78	225	64018	15.289	ug/l	99
95) Naphthalene	13.83	128	422443	16.275	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	140386	16.267	ug/l	99

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



#1

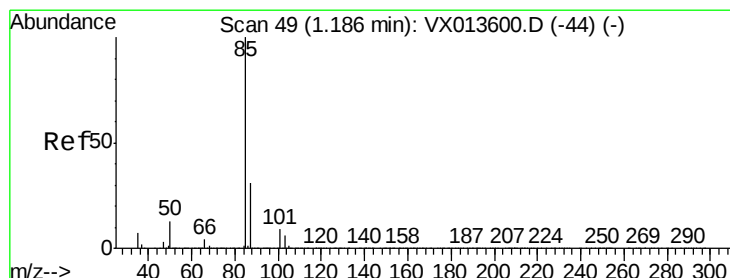
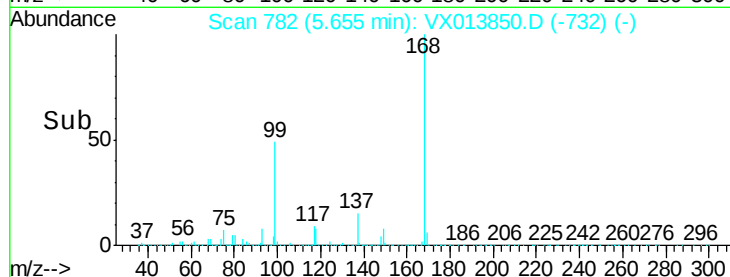
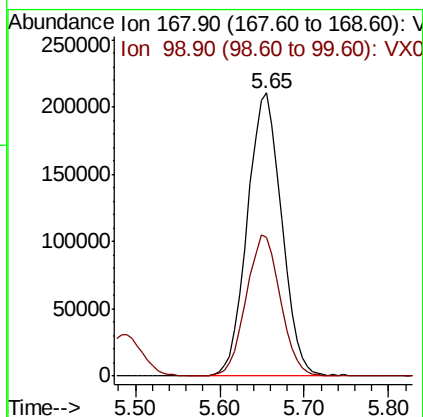
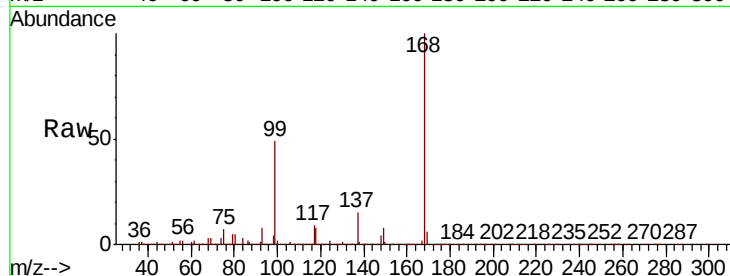
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. 0.01 min
 Lab File: VX013850.D
 Acq: 09 Dec 2019 14:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBS01

Tot Ion	Ratio	Lower	Upper
168	100		
99	48.6	39.8	59.8

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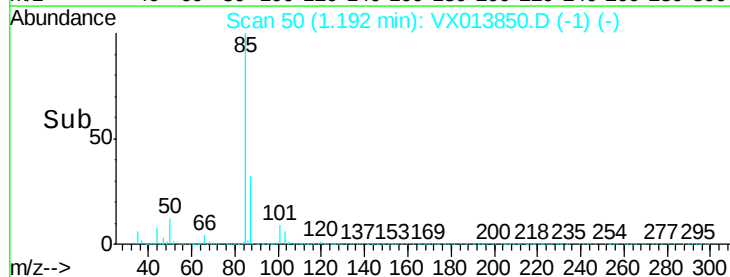
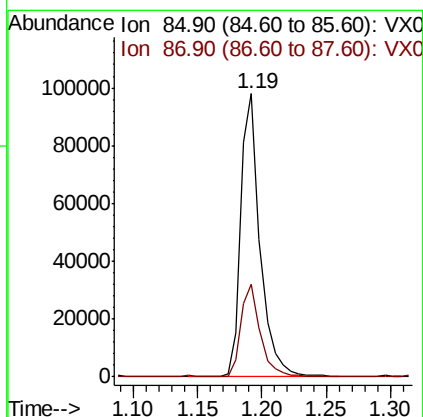
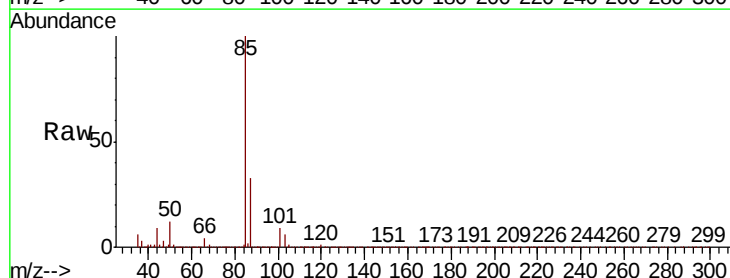
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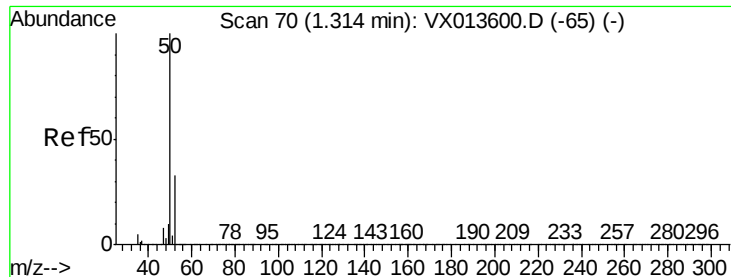


#2

Dichlorodifluoromethane
 Concen: 15.783 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.01 min
 Lab File: VX013850.D
 Acq: 09 Dec 2019 14:37

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.5	15.7	47.1





#3

Chloromethane

Concen: 16.423 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBS01

Tot Ion: 50 Resp: 119619

Ion Ratio Lower Upper

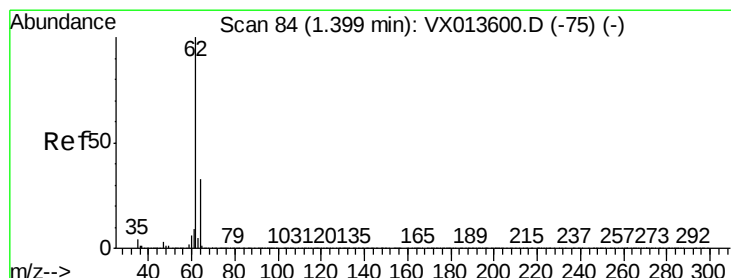
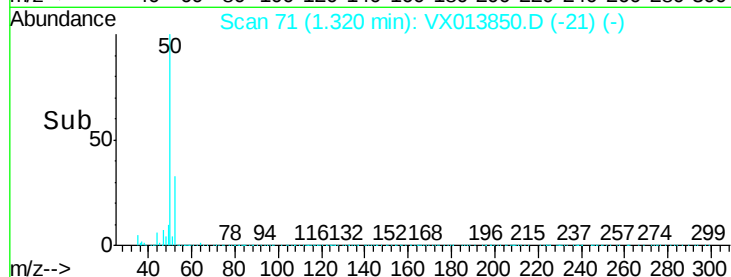
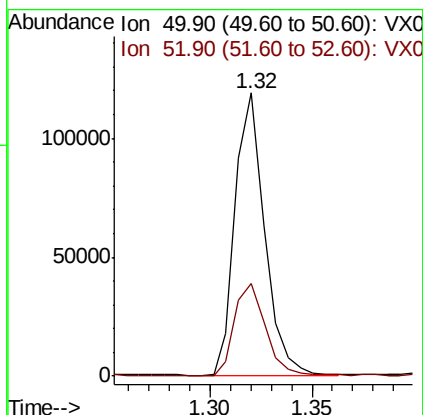
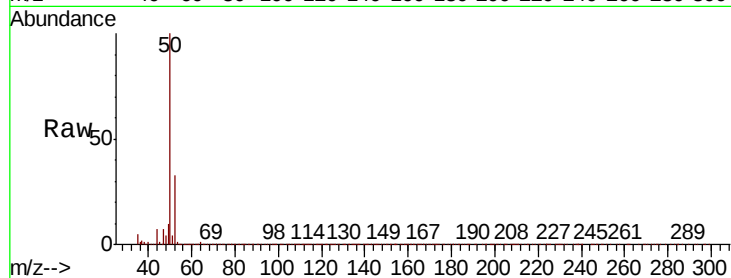
50 100

52 32.7 26.0 39.0

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#4

Vinyl Chloride

Concen: 17.052 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013850.D

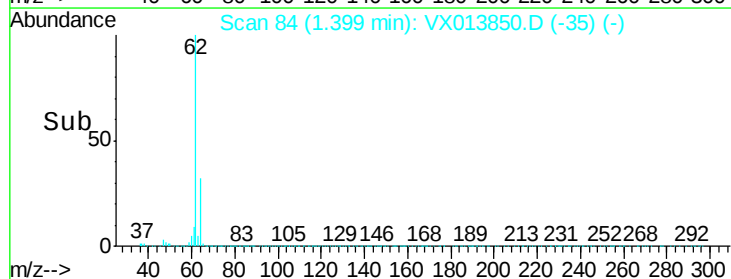
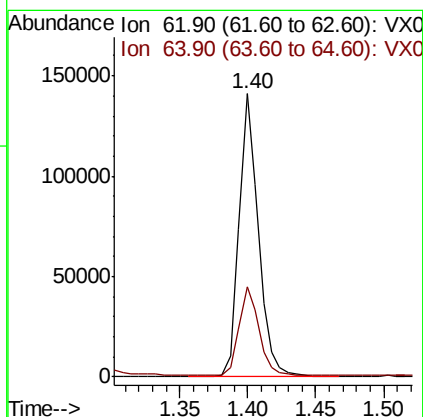
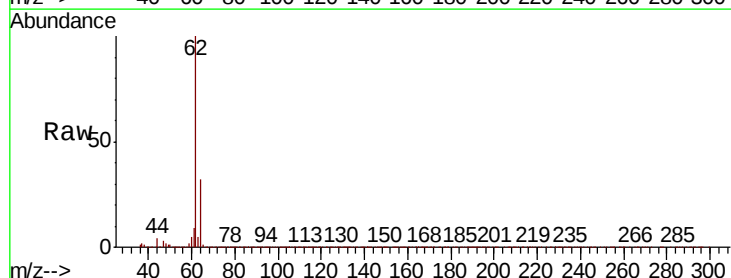
Acq: 09 Dec 2019 14:37

Tgt Ion: 62 Resp: 139794

Ion Ratio Lower Upper

62 100

64 31.5 26.0 39.0





#5

Bromomethane

Concen: 14.452 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBS01

Tot Ion: 94 Resp: 79564

Ion Ratio Lower Upper

94 100

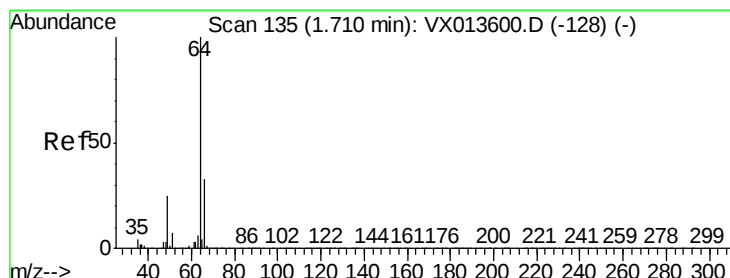
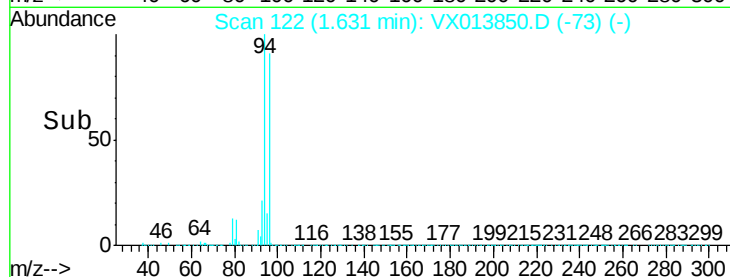
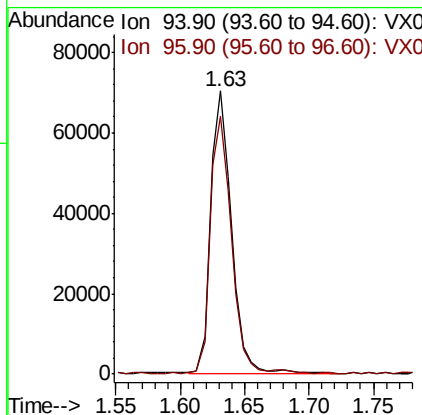
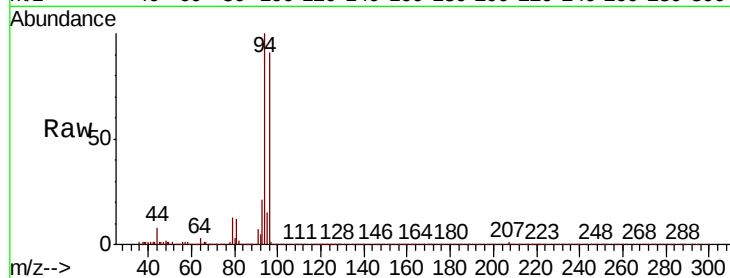
96 91.1 77.0 115.4

Manual Integrations

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#6

Chloroethane

Concen: 16.657 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013850.D

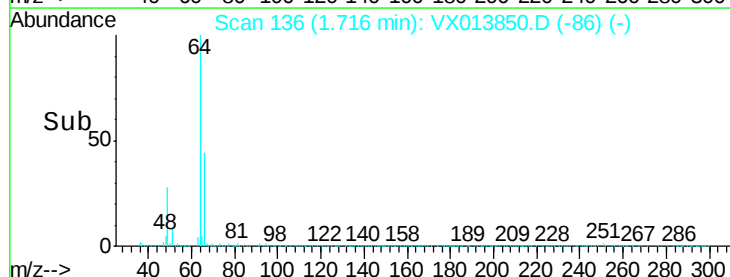
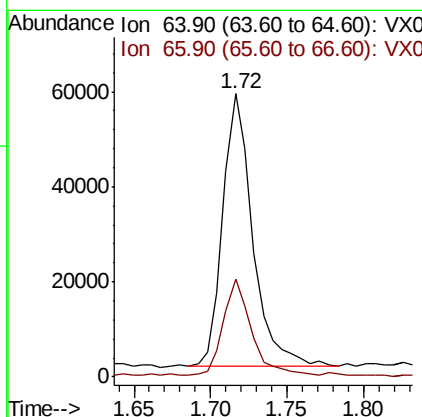
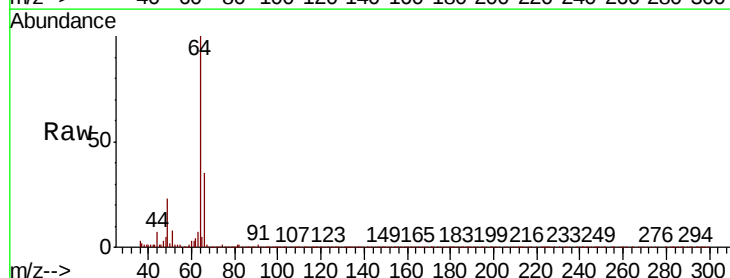
Acq: 09 Dec 2019 14:37

Tgt Ion: 64 Resp: 77704

Ion Ratio Lower Upper

64 100

66 35.3 26.7 40.1





#7

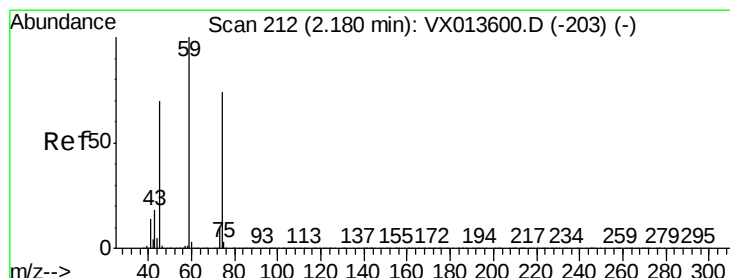
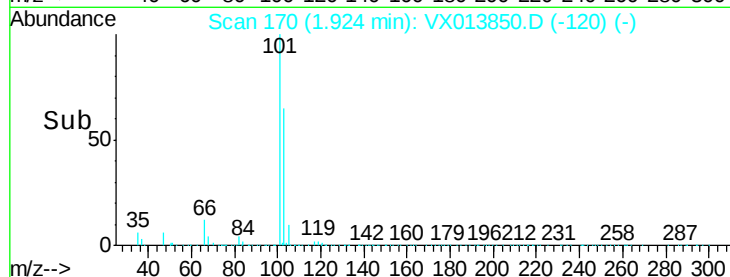
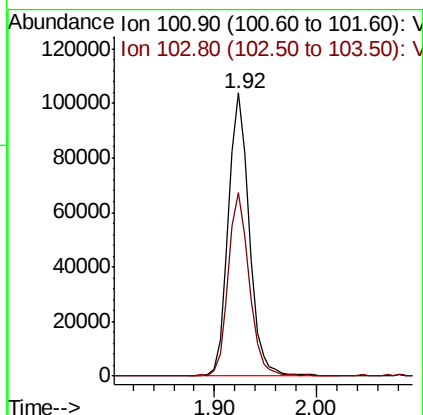
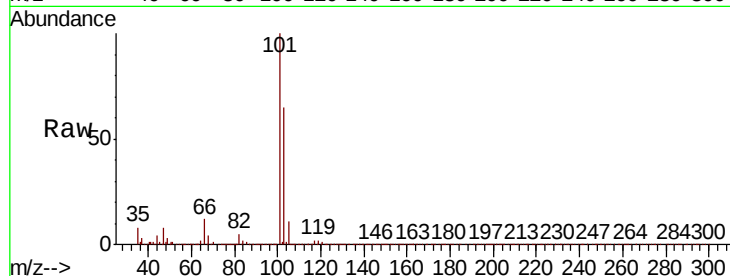
Trichlorofluoromethane
Concen: 16.000 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013850.D
Acq: 09 Dec 2019 14:37

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.9	51.8	77.6

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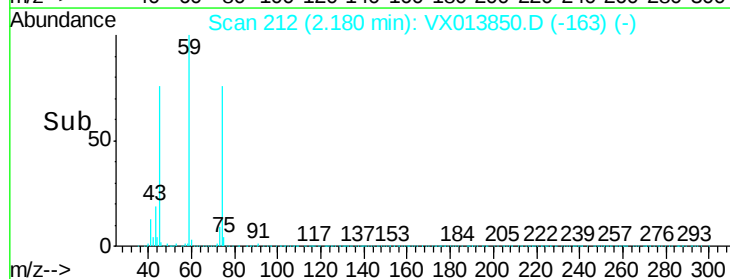
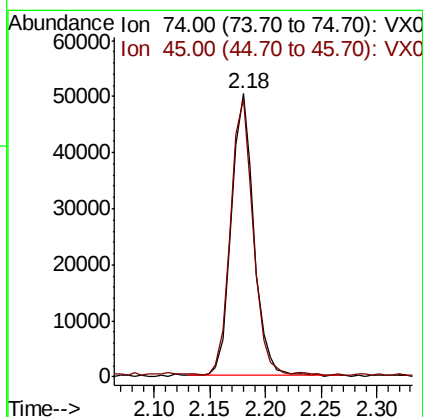
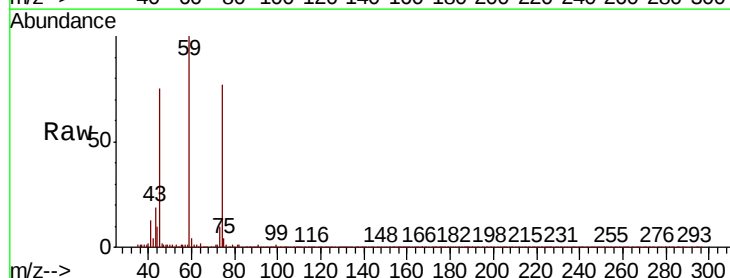
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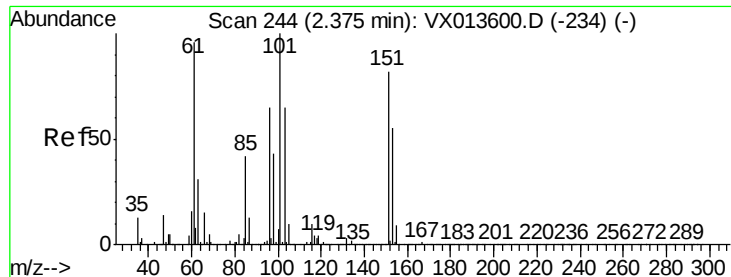


#8

Diethyl Ether
Concen: 17.035 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX013850.D
Acq: 09 Dec 2019 14:37

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.8	48.9	146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.527 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

Instrument :

MSVOA_X

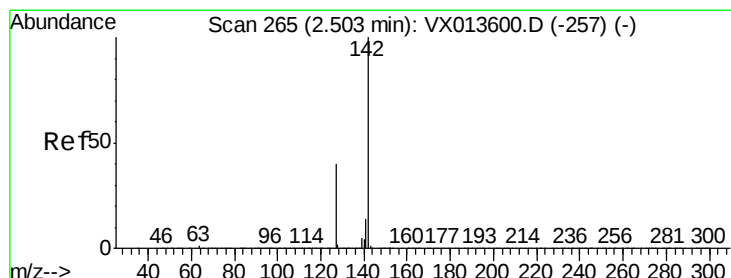
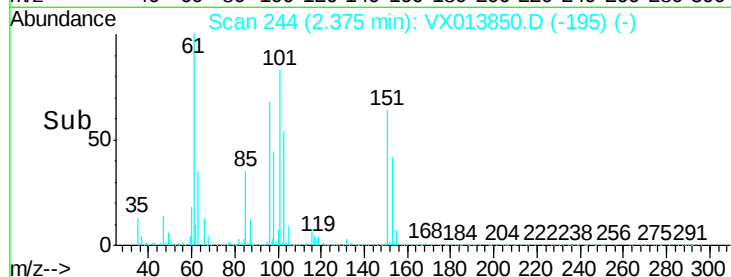
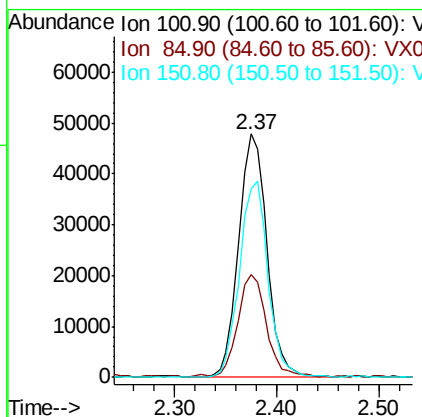
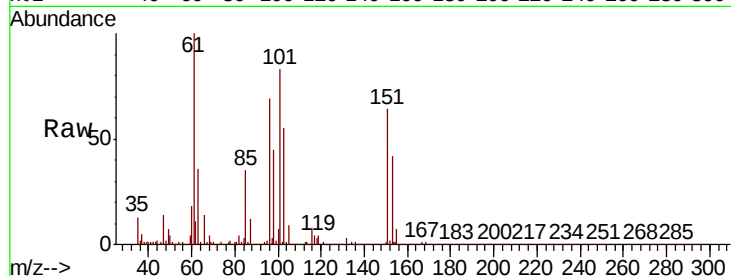
ClientSampleId :

VX1209WBS01

Tot Ion:	101	Resp:	91892
Ion Ratio	Lower	Upper	
101	100		
85	43.8	33.9	50.9
151	81.9	64.2	96.2

Manual Integrations
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#10

Methyl Iodide

Concen: 12.987 ug/l

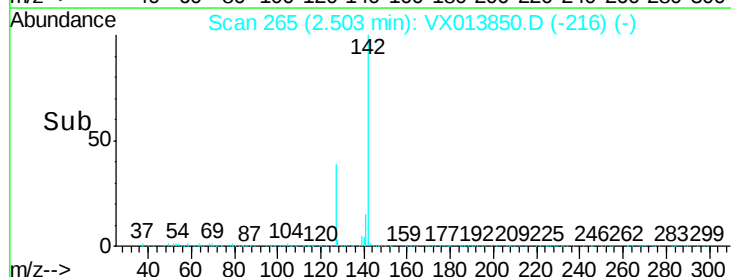
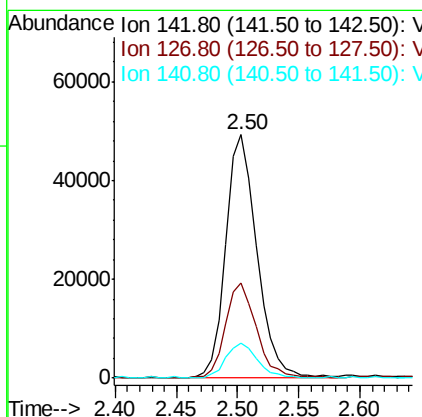
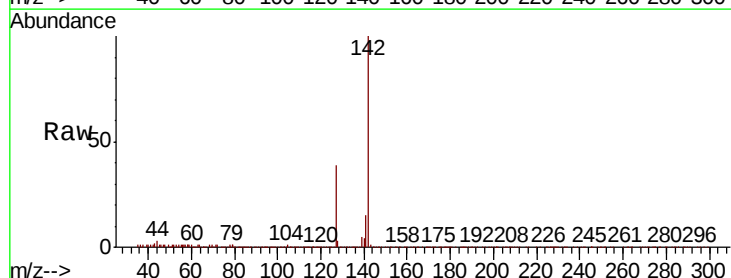
RT: 2.50 min Scan# 265

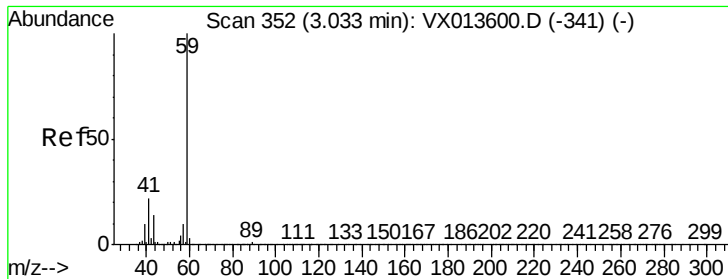
Delta R.T. 0.00 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

Tgt Ion:	142	Resp:	87349
Ion Ratio	Lower	Upper	
142	100		
127	39.3	31.0	46.4
141	14.2	11.6	17.4





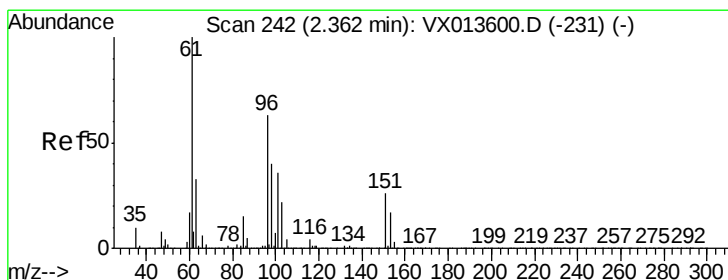
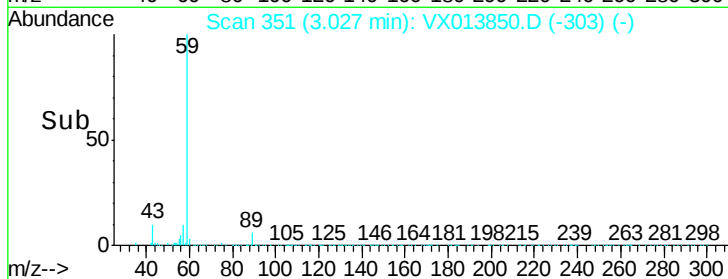
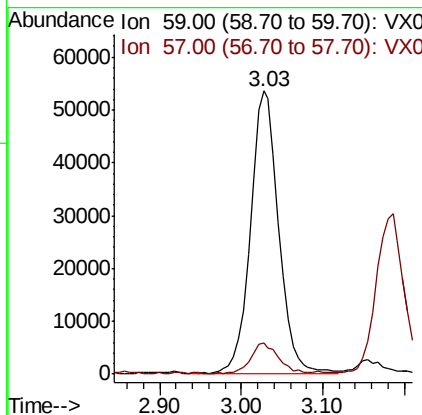
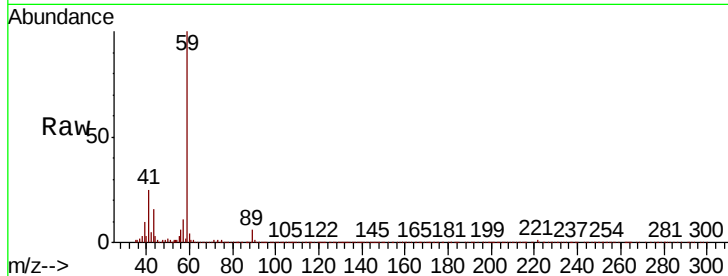
#11
Tert butyl alcohol
Concen: 78.025 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013850.D
Acq: 09 Dec 2019 14:37

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBS01

Tot Ion: 59 Resp: 130375
Ion Ratio Lower Upper
59 100
57 10.4 7.8 11.6

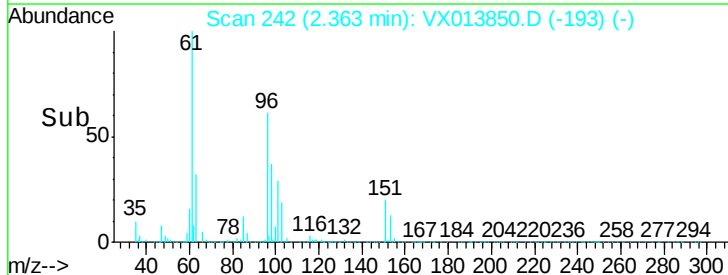
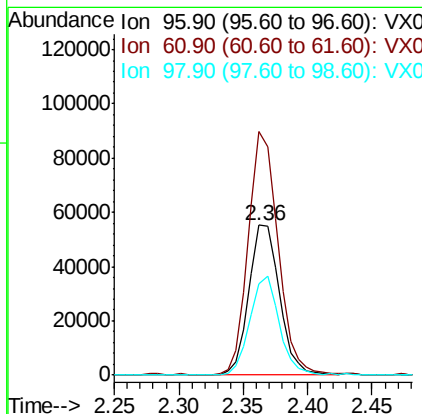
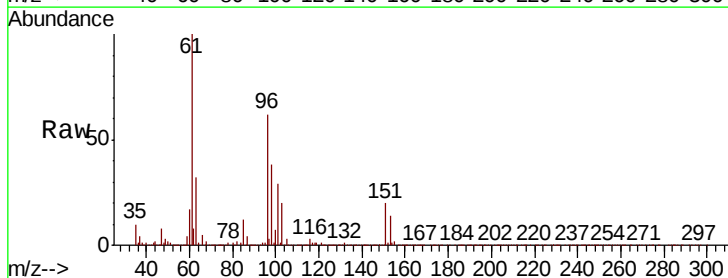
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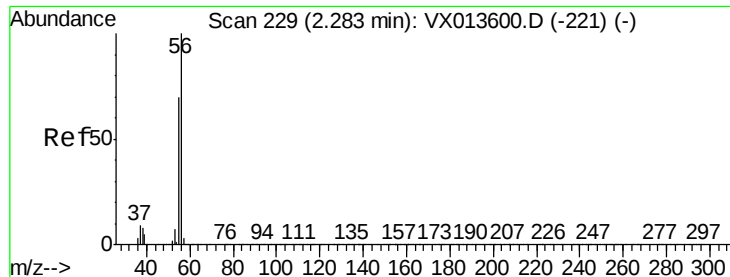
apatel
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#12
1,1-Dichloroethene
Concen: 16.235 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013850.D
Acq: 09 Dec 2019 14:37

Tgt Ion: 96 Resp: 90107
Ion Ratio Lower Upper
96 100
61 162.5 126.6 190.0
98 60.9 50.6 76.0





#13

Acrolein

Concen: 98.760 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBS01

Tot Ion: 56 Resp: 106203

Ion Ratio Lower Upper

56 100

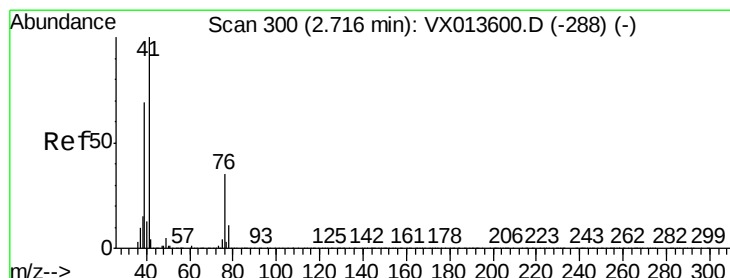
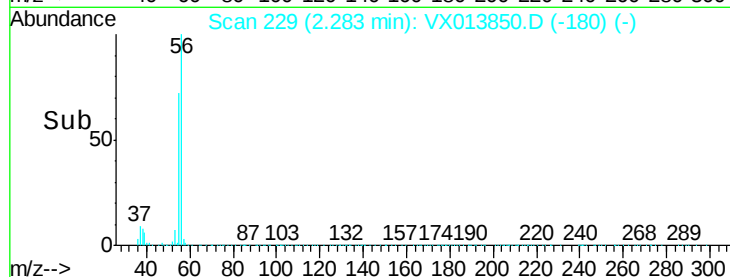
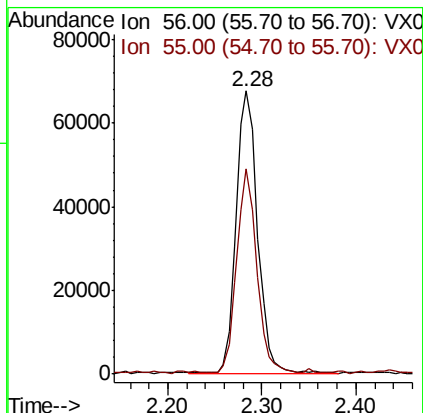
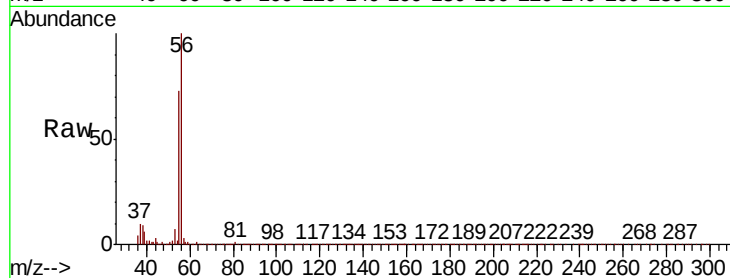
55 68.0 56.2 84.4

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#14

Allyl chloride

Concen: 16.287 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.01 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

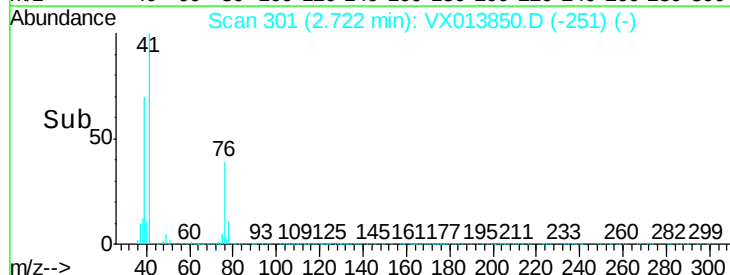
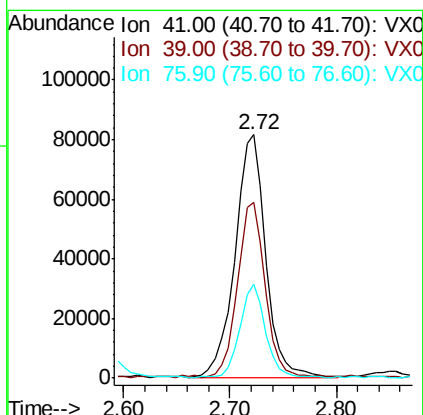
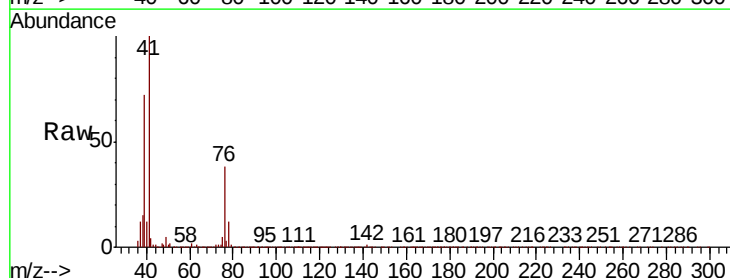
Tgt Ion: 41 Resp: 164040

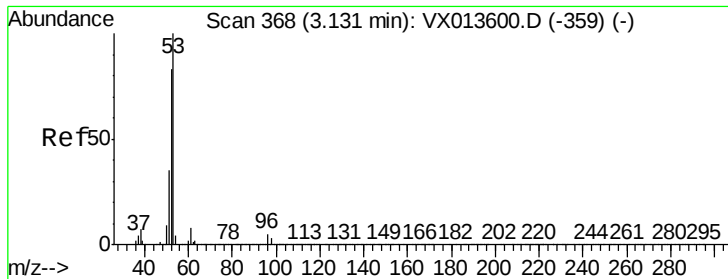
Ion Ratio Lower Upper

41 100

39 65.5 51.7 77.5

76 32.1 25.9 38.9





#15

Acrylonitrile

Concen: 84.241 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

Instrument :

MSVOA_X

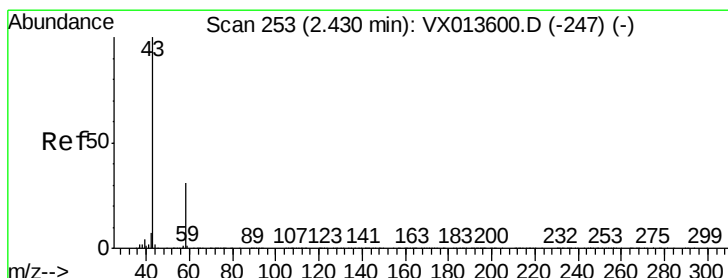
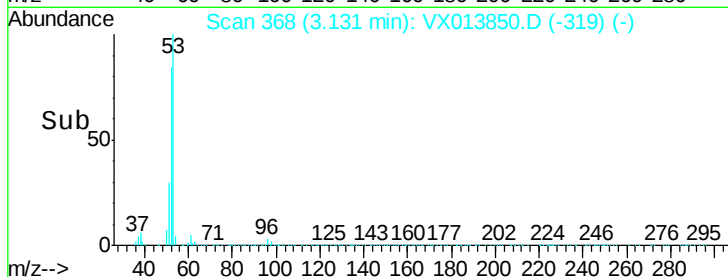
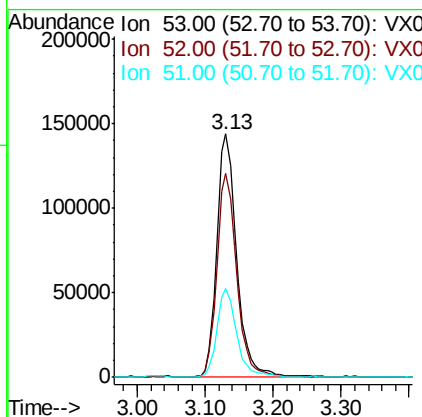
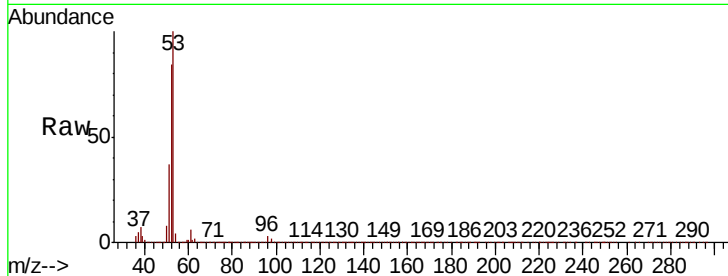
ClientSampleId :

VX1209WBS01

Tot Ion:	53	Resp:	290554
Ion Ratio		Lower	Upper
53	100		
52	84.8	66.2	99.2
51	36.4	29.0	43.6

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#16

Acetone

Concen: 81.563 ug/l

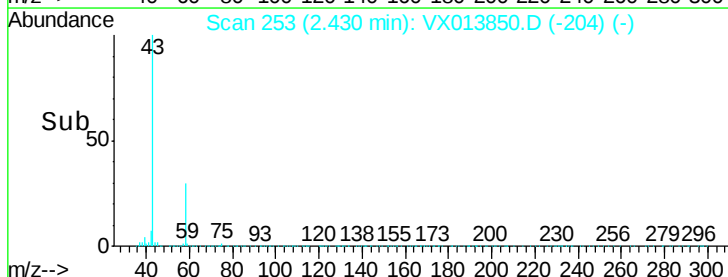
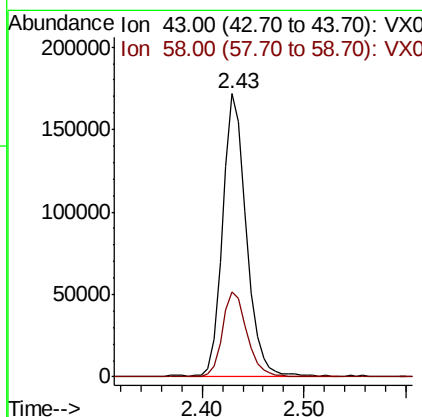
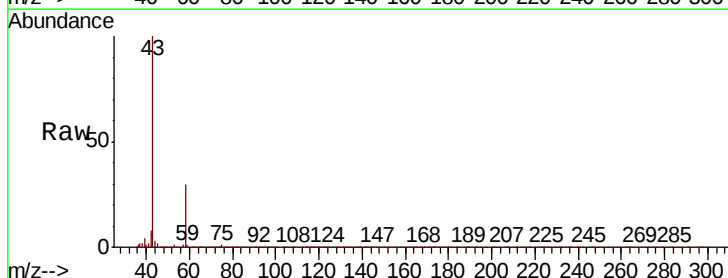
RT: 2.43 min Scan# 253

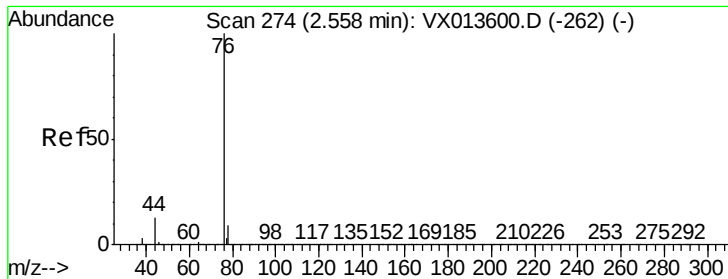
Delta R.T. 0.00 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

Tgt Ion:	43	Resp:	272598
Ion Ratio		Lower	Upper
43	100		
58	29.8	24.6	36.8





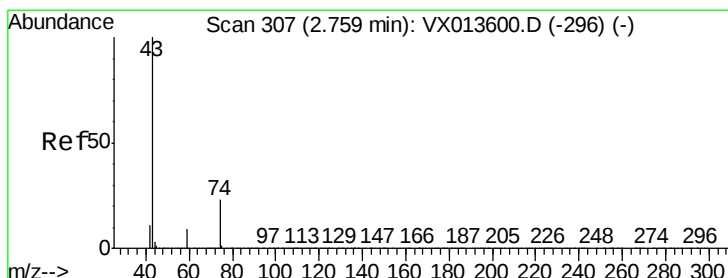
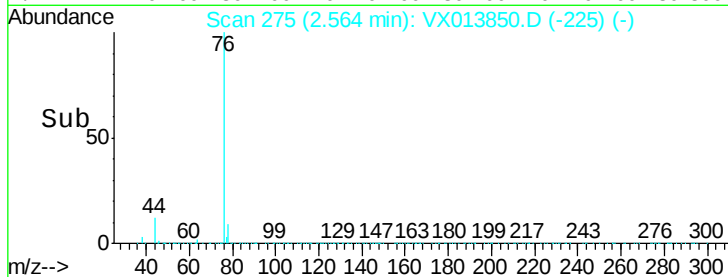
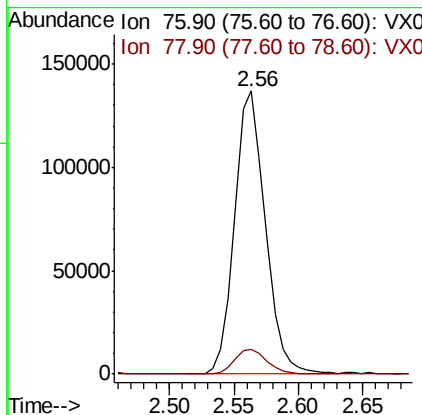
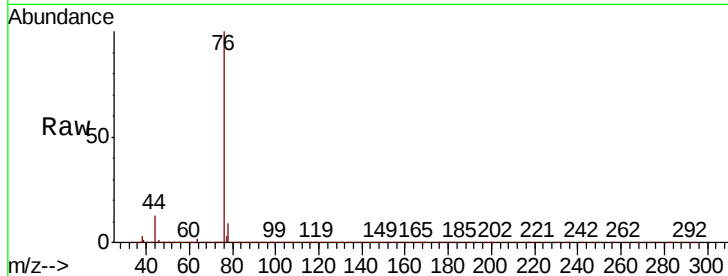
#17
Carbon Disulfide
Concen: 14.301 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX013850.D
Acq: 09 Dec 2019 14:37

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.2	10.8

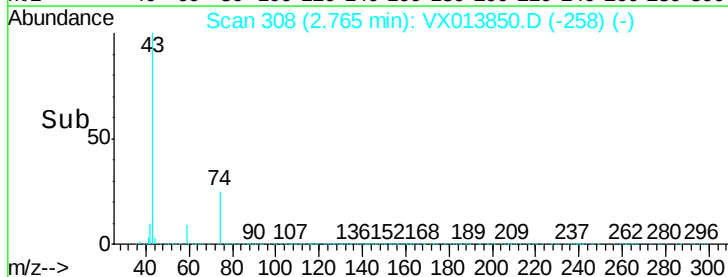
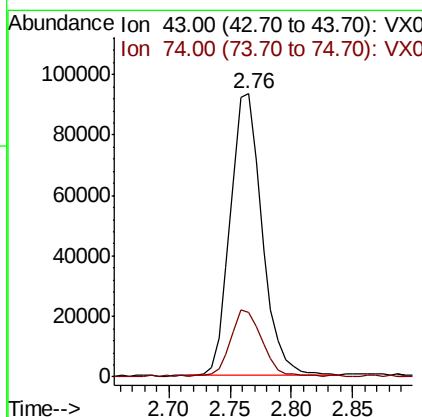
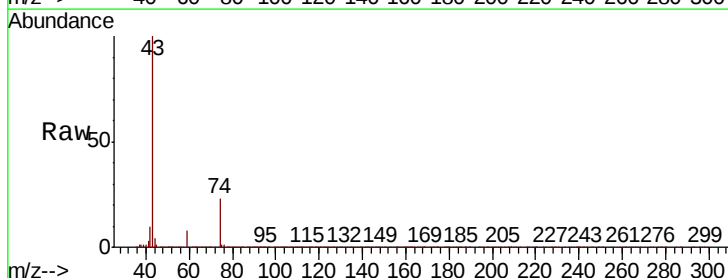
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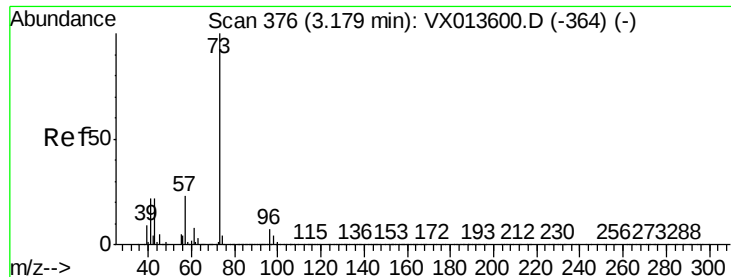
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#18
Methyl Acetate
Concen: 18.105 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.01 min
Lab File: VX013850.D
Acq: 09 Dec 2019 14:37

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.4	19.5	29.3





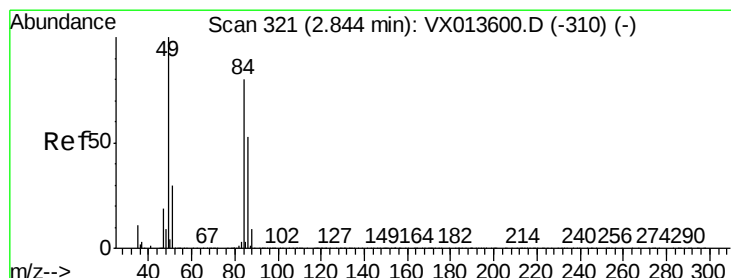
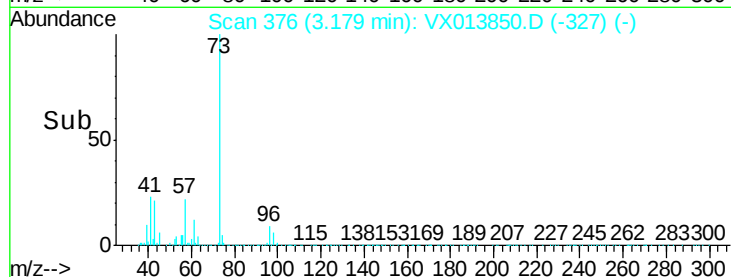
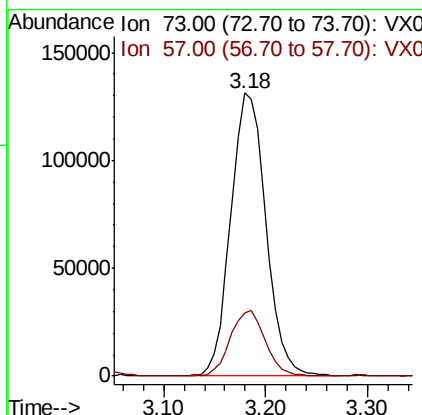
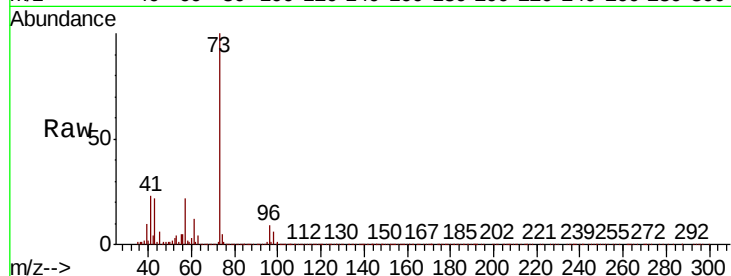
#19
Methvl tert-butvl Ether
Concen: 17.064 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX013850.D
Acq: 09 Dec 2019 14:37

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.3	18.3	27.5

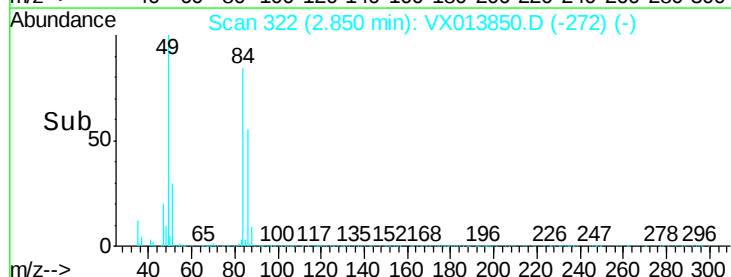
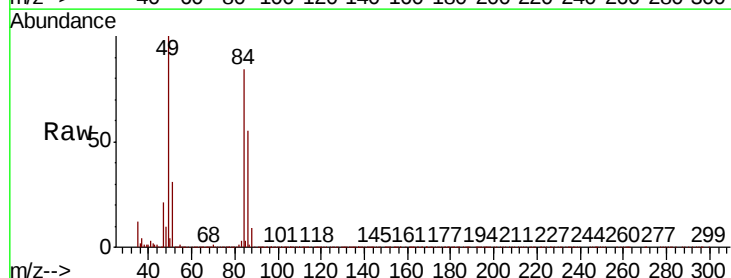
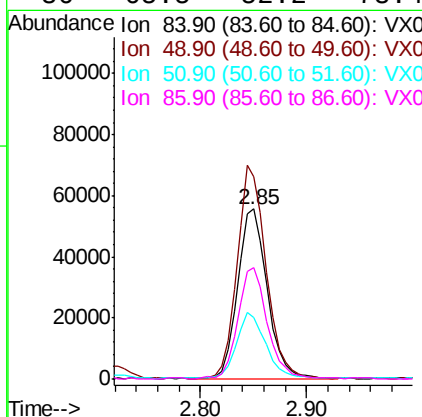
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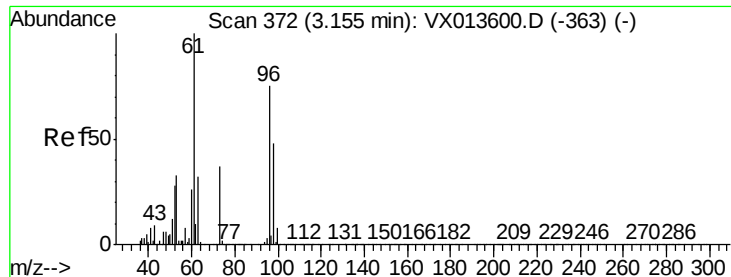
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#20
Methylene Chloride
Concen: 16.985 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013850.D
Acq: 09 Dec 2019 14:37

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.7	99.7	149.5
51	36.0	29.9	44.9
86	65.5	52.2	78.4





#21

trans-1,2-Dichloroethene

Concen: 15.886 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

Instrument :

MSVOA_X

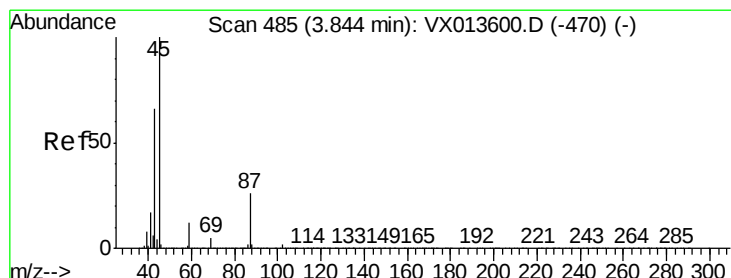
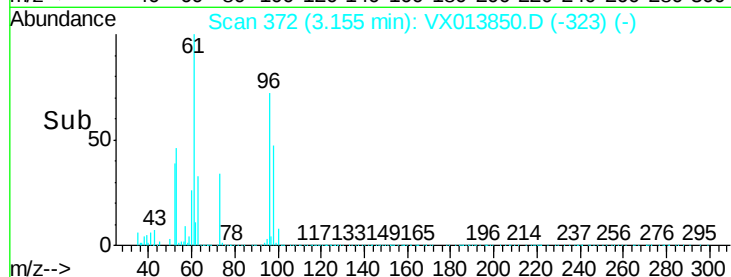
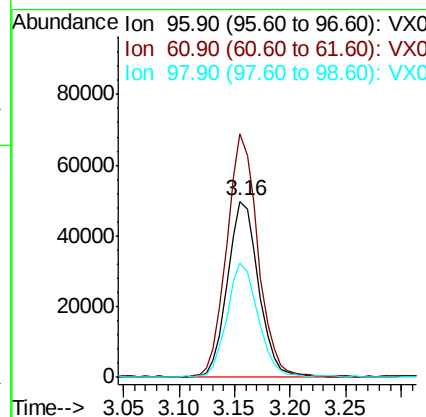
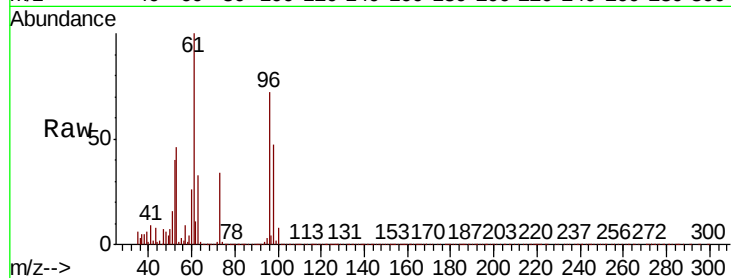
ClientSampleId :

VX1209WBS01

Tot Ion:	96	Resp:	96050
Ion	Ratio	Lower	Upper
96	100		
61	137.9	107.2	160.8
98	64.9	51.4	77.0

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#22

Diisopropyl ether

Concen: 17.873 ug/l

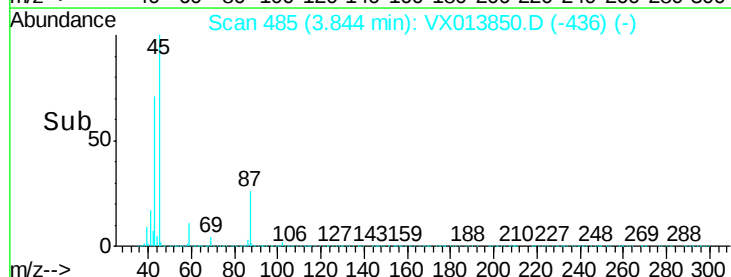
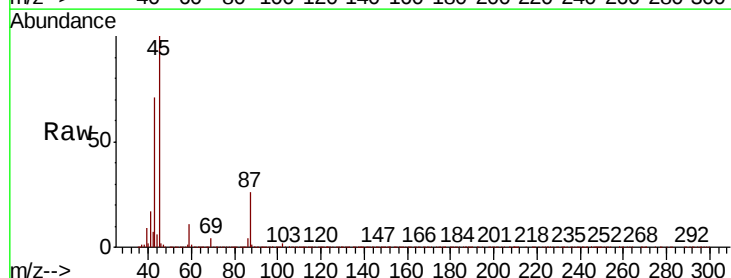
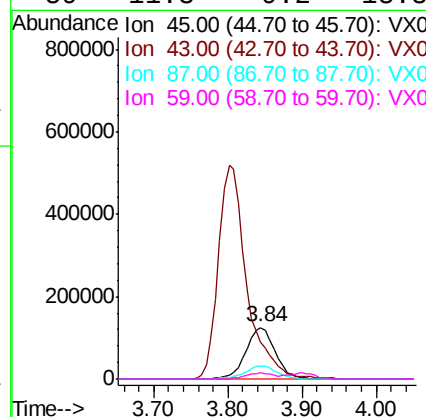
RT: 3.84 min Scan# 485

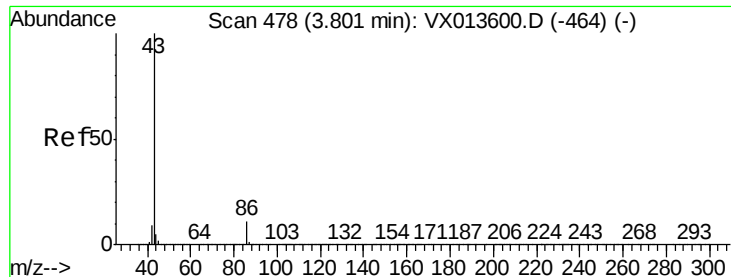
Delta R.T. 0.00 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

Tgt Ion:	45	Resp:	346621
Ion	Ratio	Lower	Upper
45	100		
43	70.9	52.6	79.0
87	26.0	21.1	31.7
59	11.3	9.2	13.8





#23

Vinyl Acetate

Concen: 85.247 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBS01

Tot Ion: 43 Resp: 1375347

Ion Ratio Lower Upper

43 100

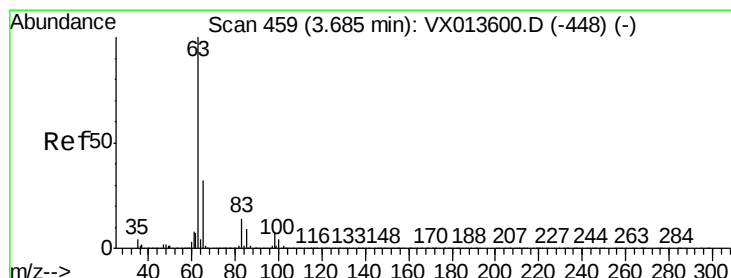
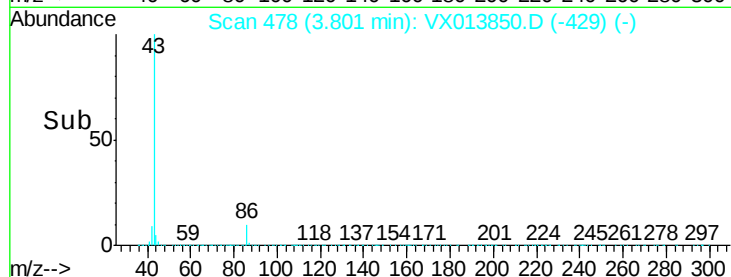
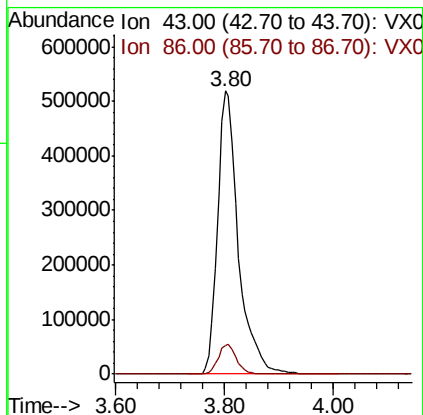
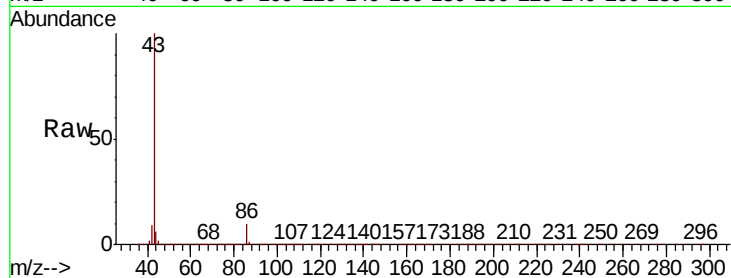
86 10.2 8.7 13.1

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#24

1,1-Dichloroethane

Concen: 17.294 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

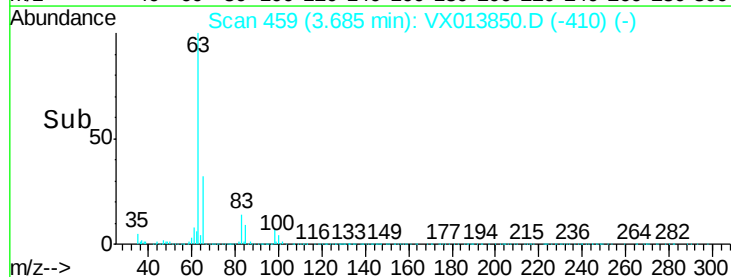
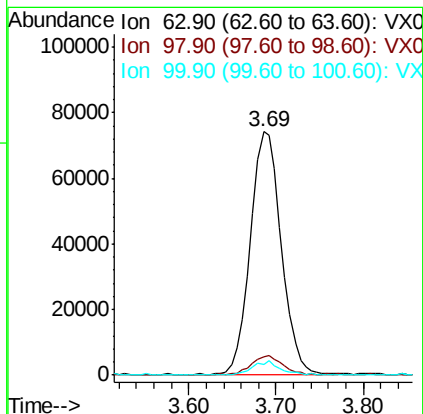
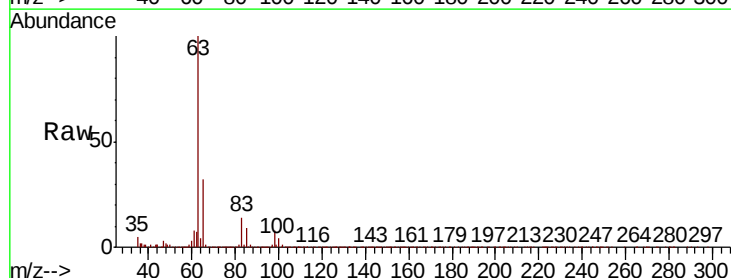
Tgt Ion: 63 Resp: 183351

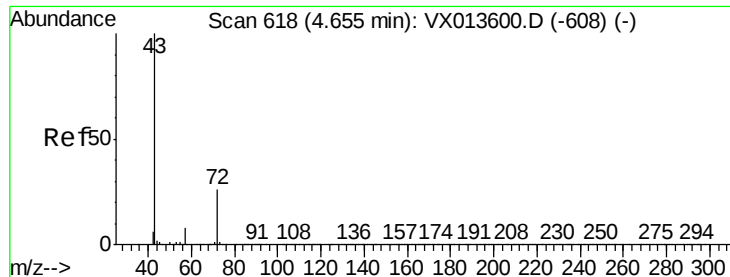
Ion Ratio Lower Upper

63 100

98 7.5 3.5 10.4

100 4.0 2.1 6.3





#25

2-Butanone

Concen: 83.539 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBS01

Tot Ion: 43 Resp: 414948

Ion Ratio Lower Upper

43 100

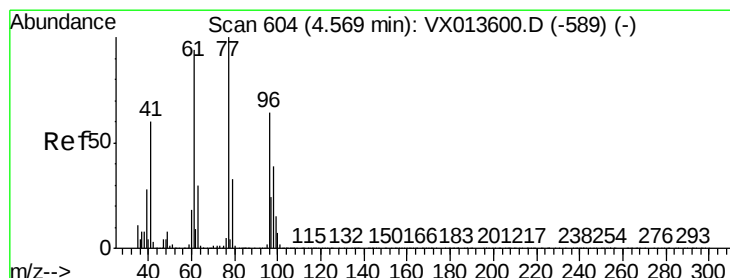
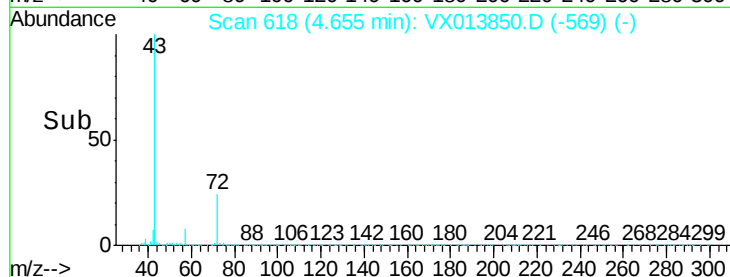
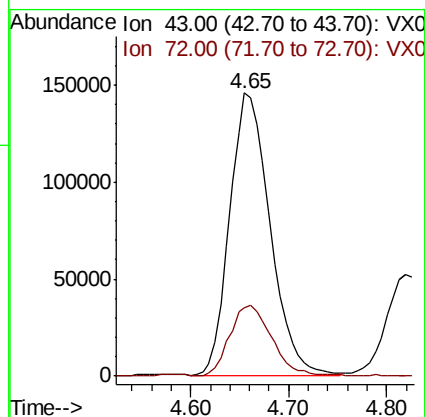
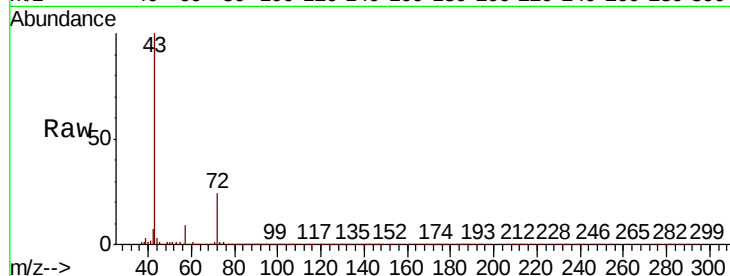
72 24.1 20.6 31.0

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#26

2,2-Dichloropropane

Concen: 15.160 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013850.D

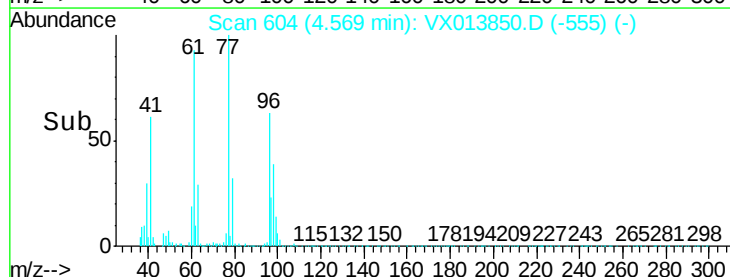
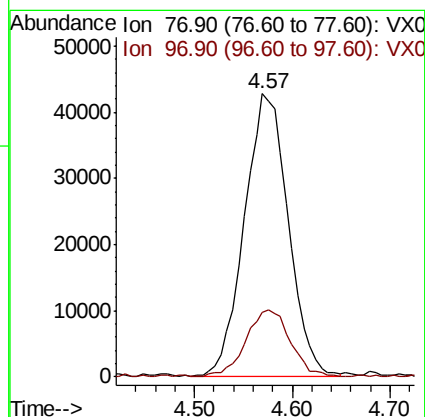
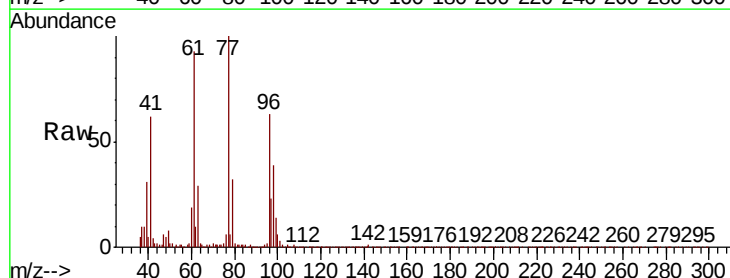
Acq: 09 Dec 2019 14:37

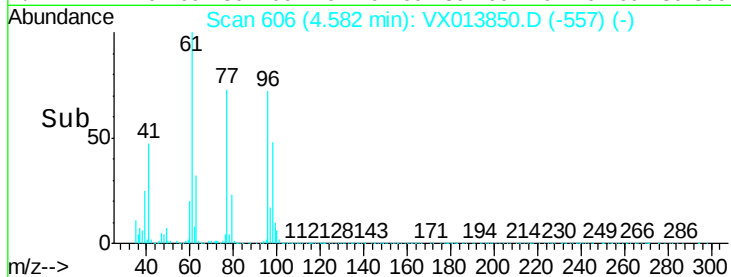
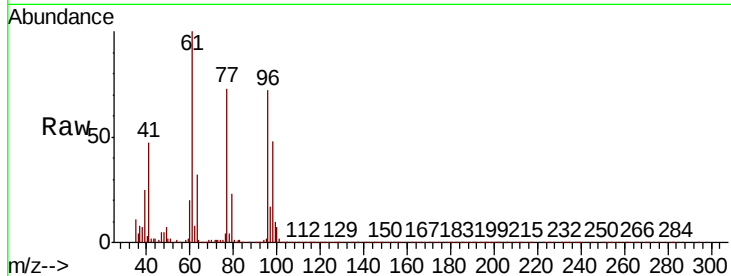
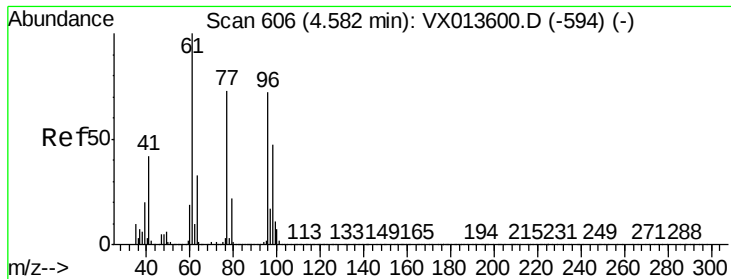
Tgt Ion: 77 Resp: 132982

Ion Ratio Lower Upper

77 100

97 24.3 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 16.205 ug/l

RT: 4.58 min Scan# 606

Delta R.T. 0.00 min

Lab File: VX013850.D

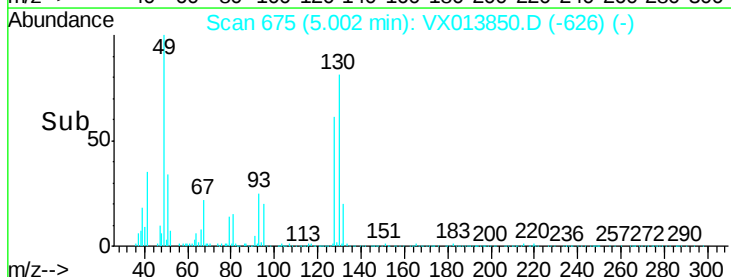
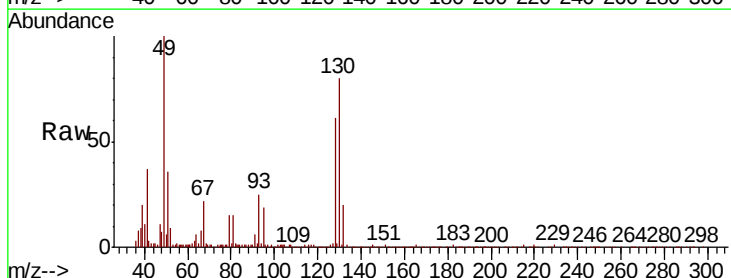
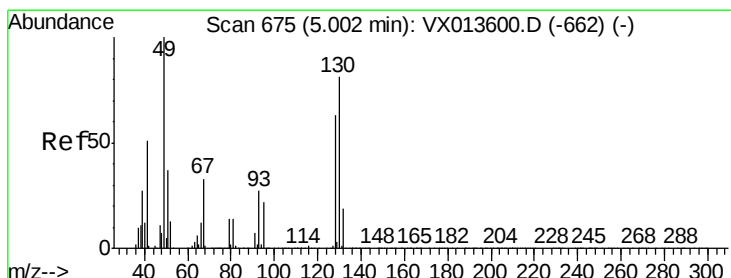
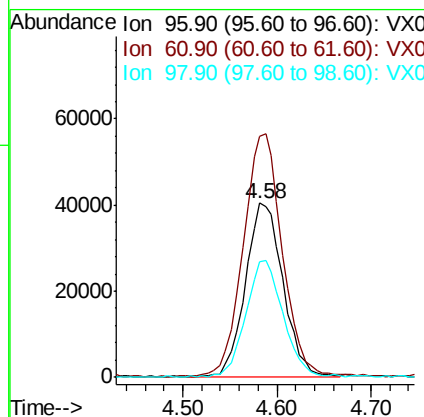
Acq: 09 Dec 2019 14:37

Tot Ion:	96	Resp:	112515
Ion Ratio	Lower	Upper	
96	100		
61	143.3	0.0	286.4
98	66.7	0.0	127.4

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBS01

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#28

Bromochloromethane

Concen: 19.869 ug/l

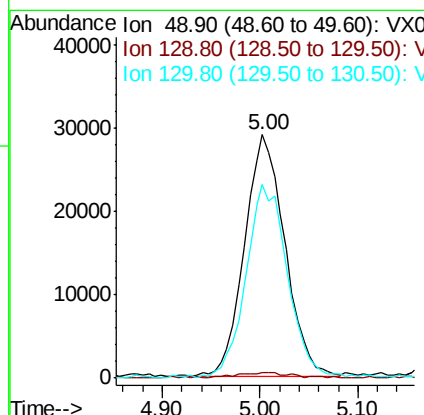
RT: 5.00 min Scan# 675

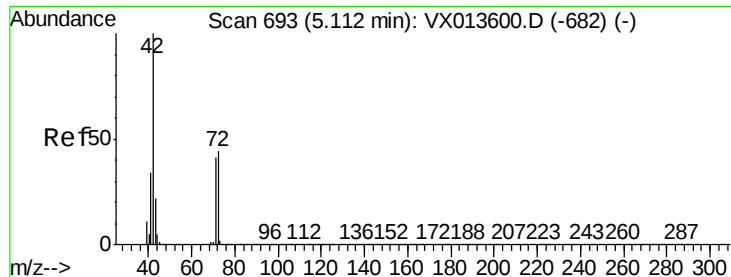
Delta R.T. 0.00 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

Tgt Ion:	49	Resp:	83276
Ion Ratio	Lower	Upper	
49	100		
129	3.4	0.0	5.0
130	81.7	65.4	98.0





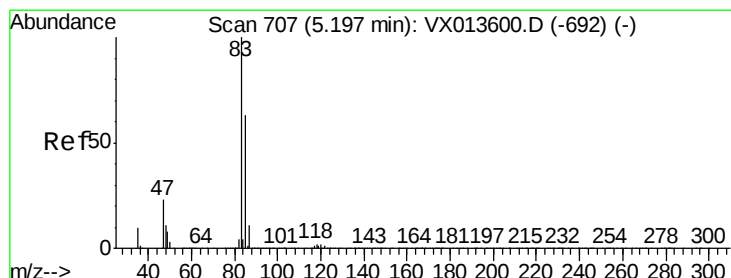
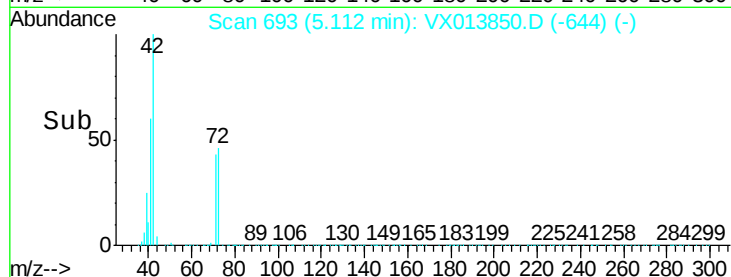
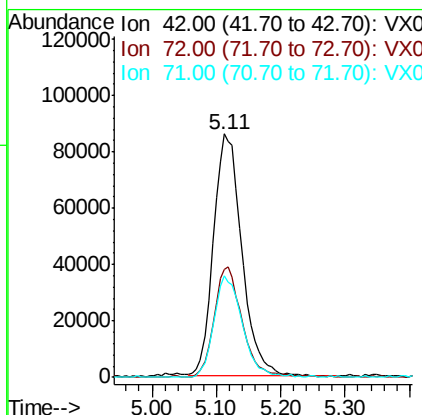
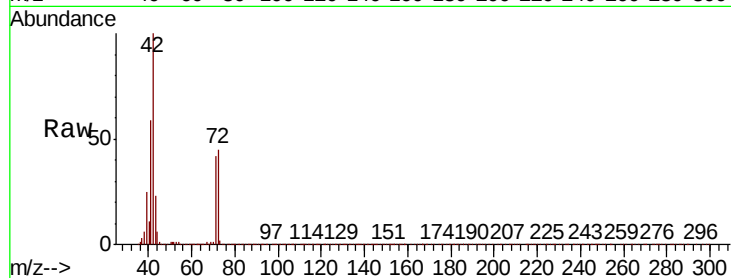
#29
Tetrahydrofuran
Concen: 87.420 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX013850.D
Acq: 09 Dec 2019 14:37

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.3	36.3	54.5
71	40.9	33.2	49.8

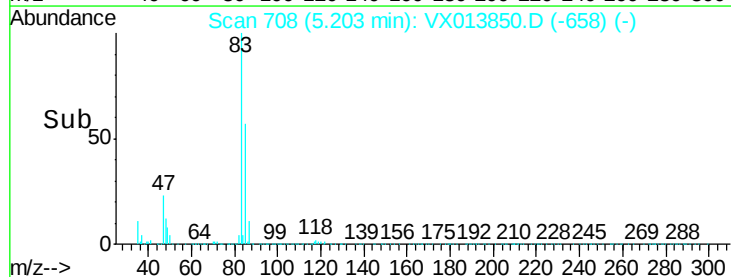
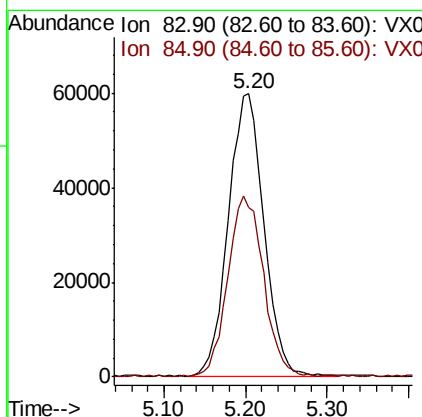
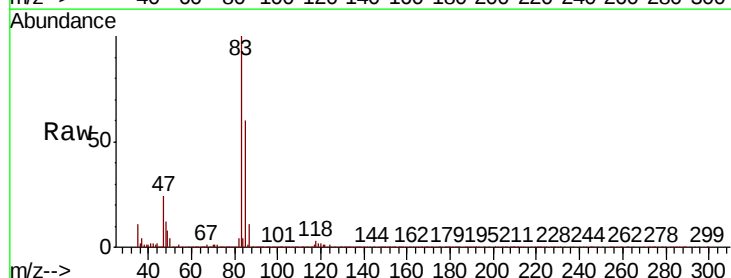
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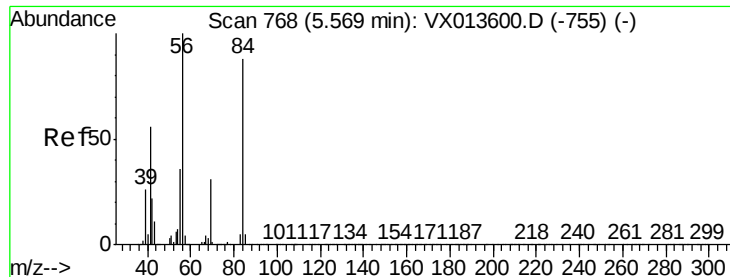
apatel
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#30
Chloroform
Concen: 16.741 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX013850.D
Acq: 09 Dec 2019 14:37

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.3	50.2	75.4





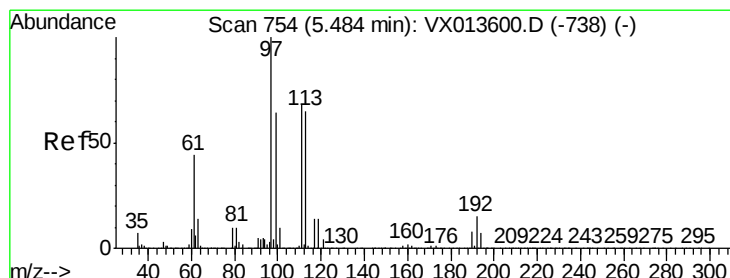
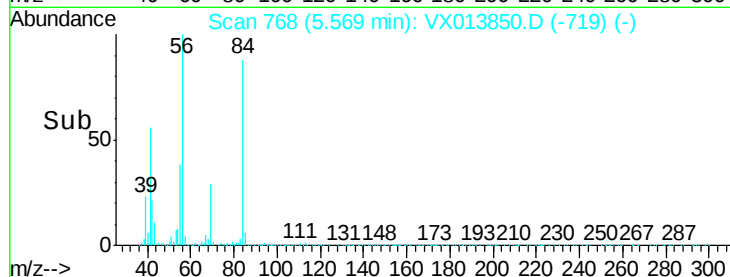
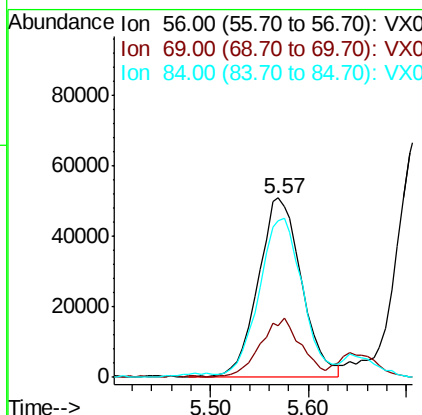
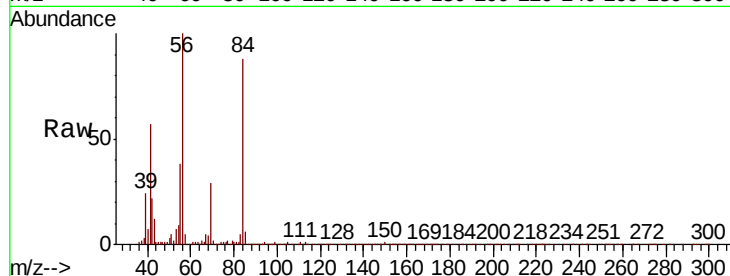
#31
Cyclohexane
Concen: 15.519 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013850.D
Acq: 09 Dec 2019 14:37

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.5	24.6	36.8
84	86.3	70.0	105.0

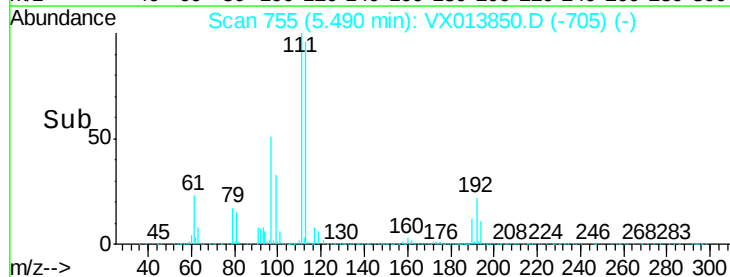
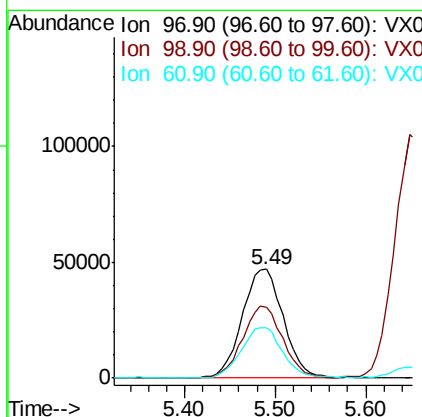
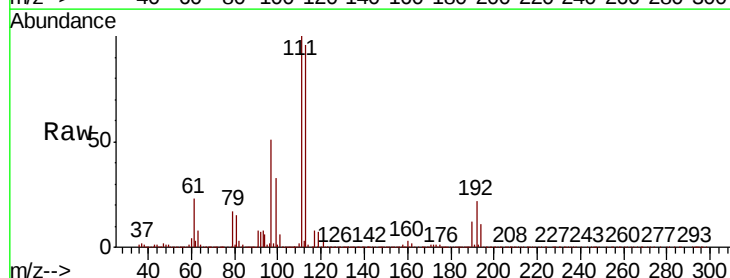
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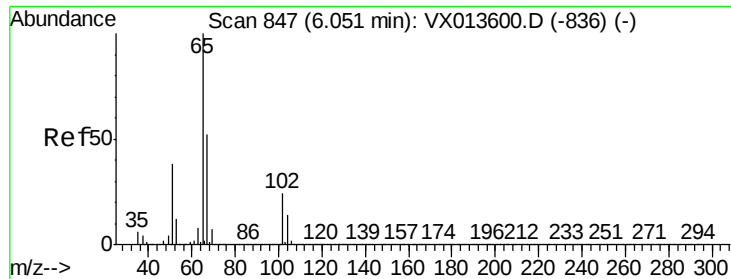
apatel
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#32
1,1,1-Trichloroethane
Concen: 16.336 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX013850.D
Acq: 09 Dec 2019 14:37

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.6	77.4
61	45.7	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: VX013850.D

Acq: 09 Dec 2019 14:37

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBS01

Tot Ion: 65 Resp: 313014

Ion Ratio Lower Upper

65 100

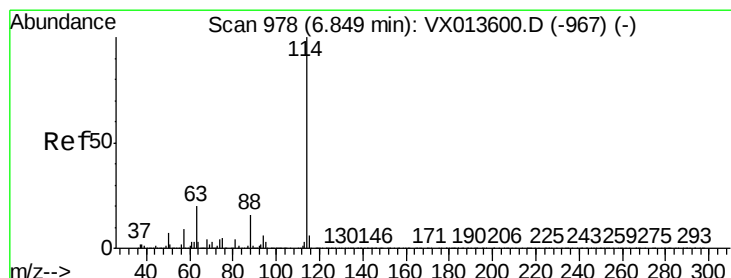
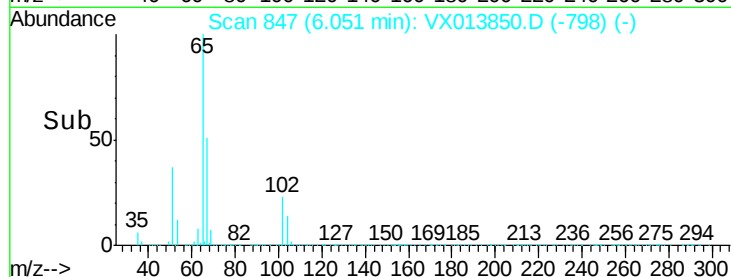
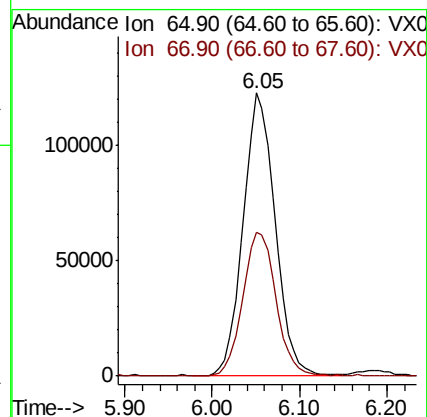
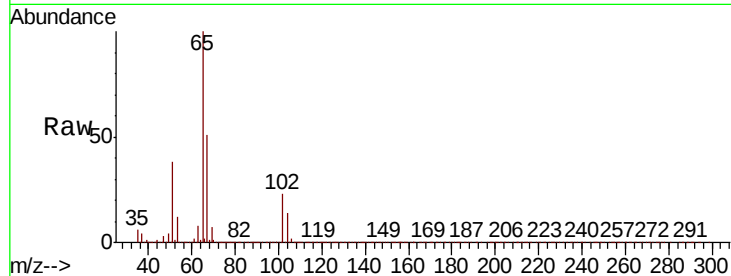
67 52.3 0.0 104.4

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

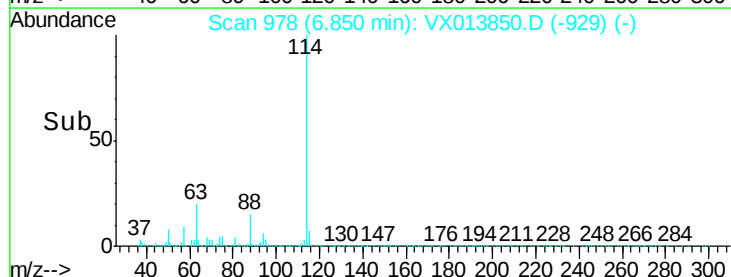
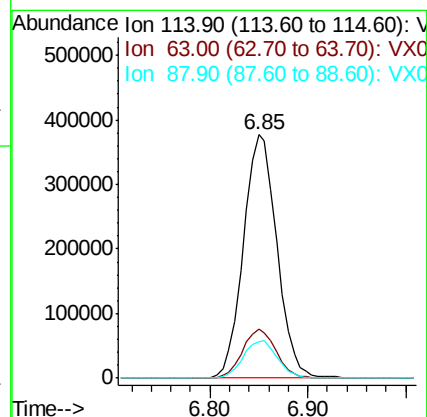
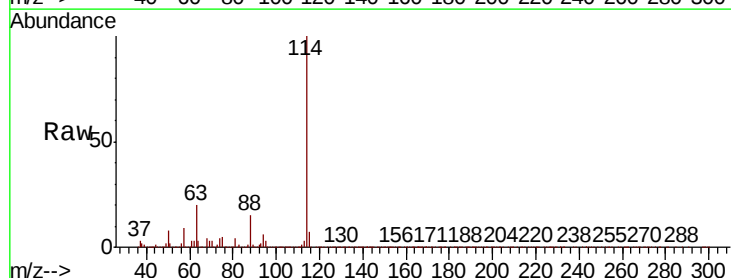
Tgt Ion: 114 Resp: 892064

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.6

88 15.1 0.0 31.4





#35

Dibromofluoromethane

Concen: 47.384 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

Instrument :

MSVOA_X

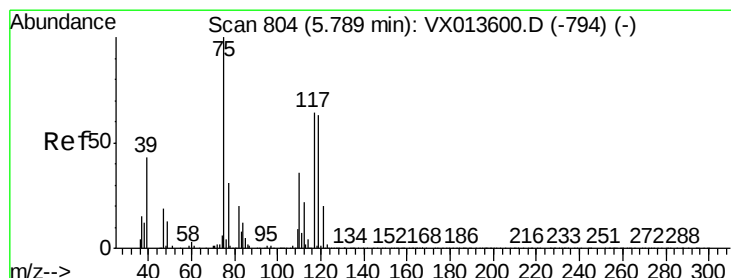
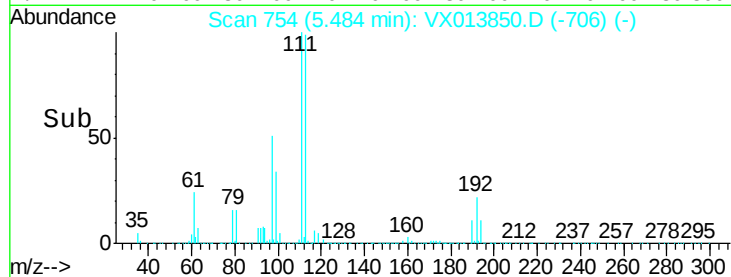
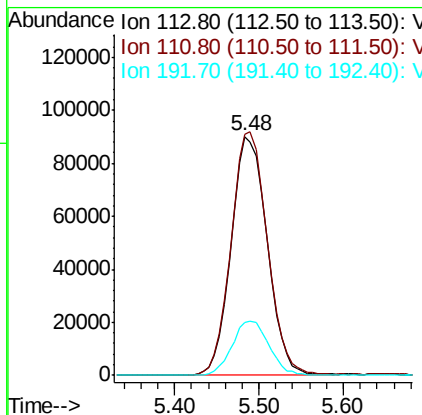
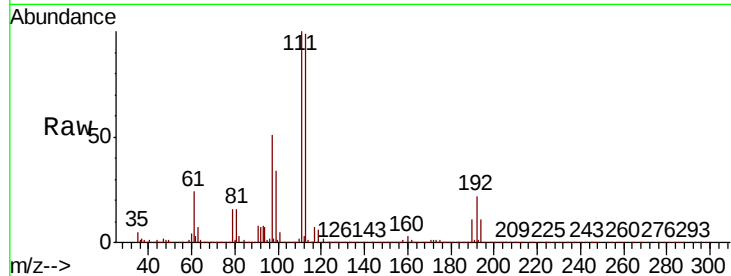
ClientSampleId :

VX1209WBS01

Tot Ion:	113	Resp:	261314
Ion Ratio	Lower	Upper	
113	100		
111	102.6	83.6	125.4
192	23.1	19.2	28.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 16.137 ug/l

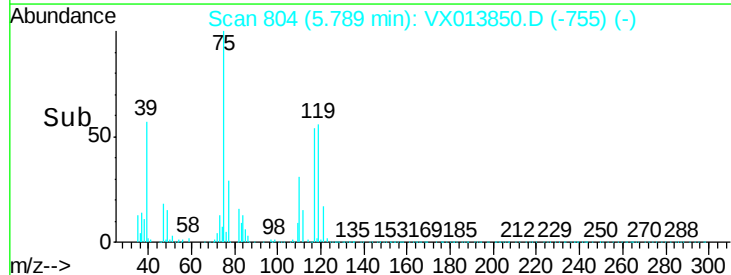
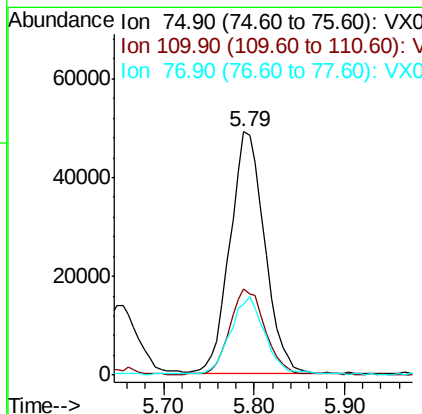
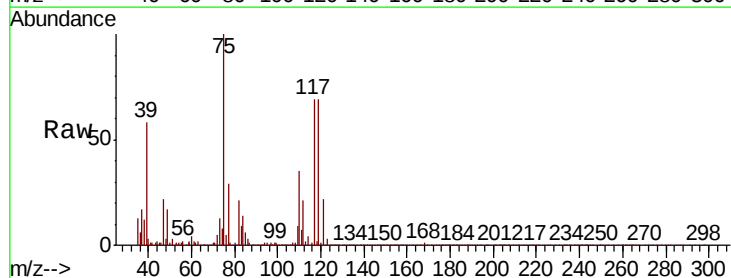
RT: 5.79 min Scan# 804

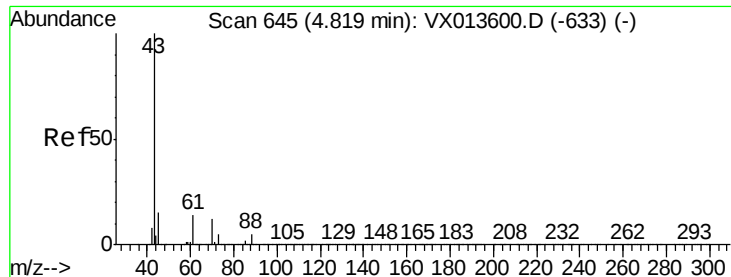
Delta R.T. 0.00 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

Tgt Ion:	75	Resp:	130675
Ion Ratio	Lower	Upper	
75	100		
110	36.0	18.1	54.1
77	31.2	24.5	36.7





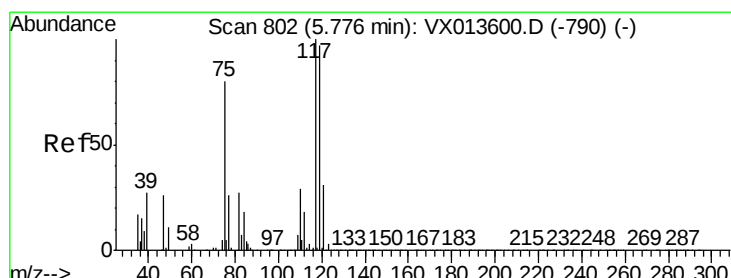
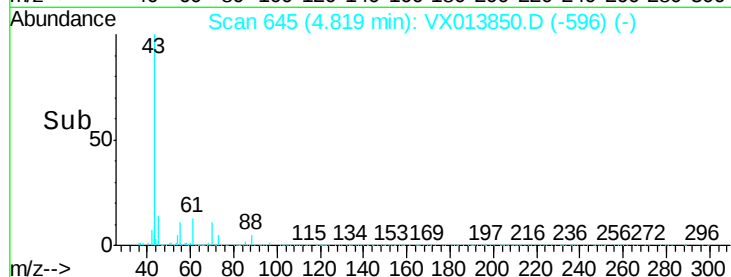
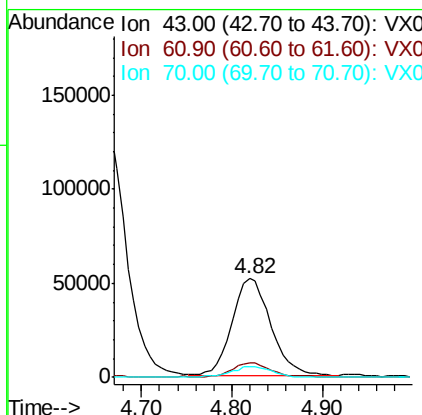
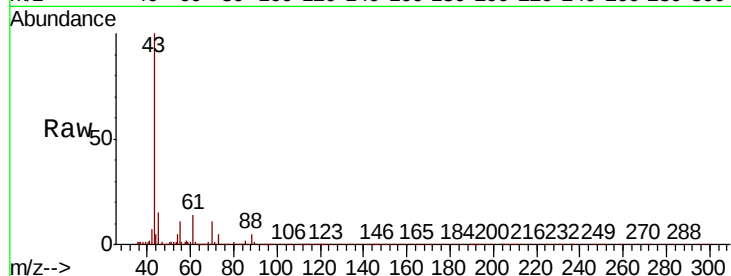
#37
Ethyl Acetate
Concen: 16.857 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013850.D
Acq: 09 Dec 2019 14:37

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.0	16.4
70	12.0	8.6	12.8

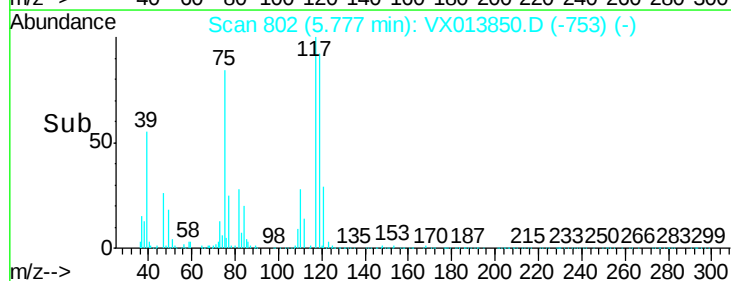
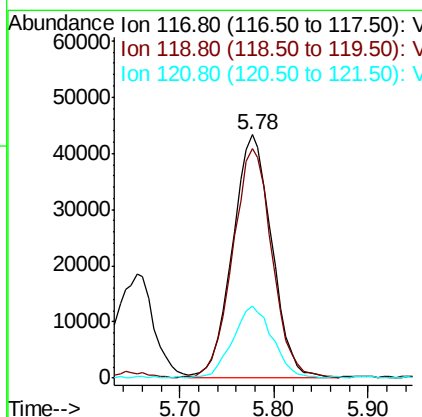
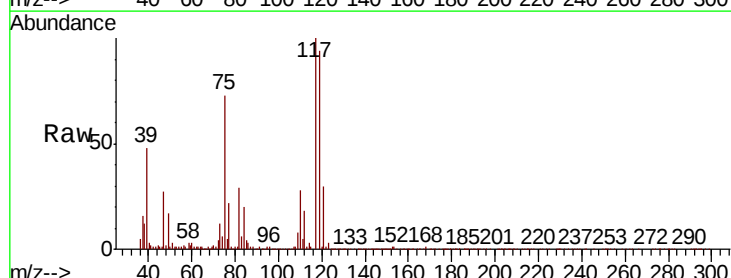
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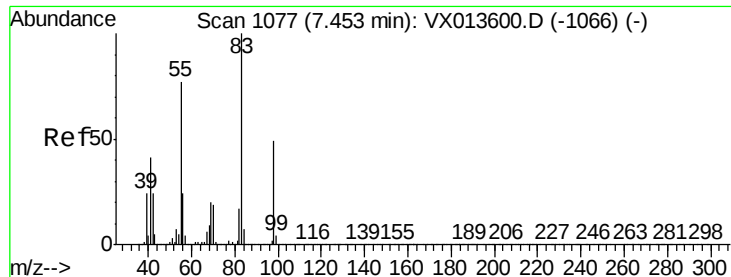
apatel
12/11/2019 8:54:32 AM



#38
Carbon Tetrachloride
Concen: 16.694 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013850.D
Acq: 09 Dec 2019 14:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.1	77.5	116.3
121	29.4	25.0	37.6





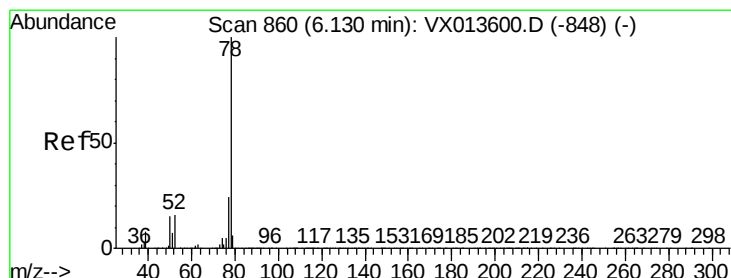
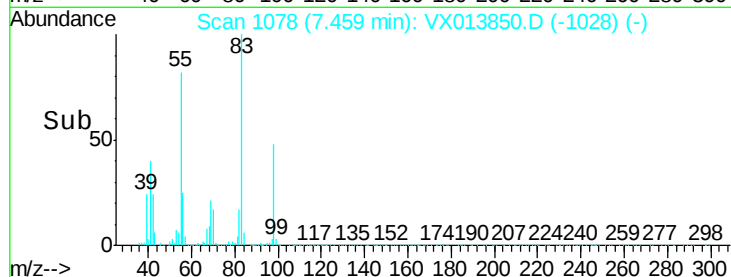
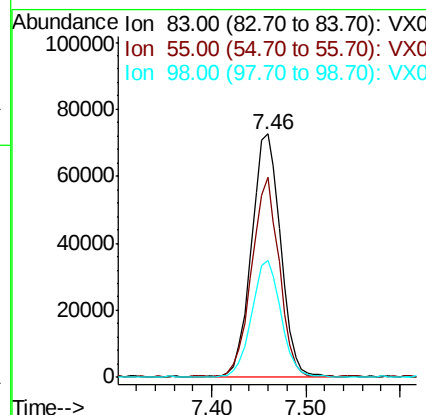
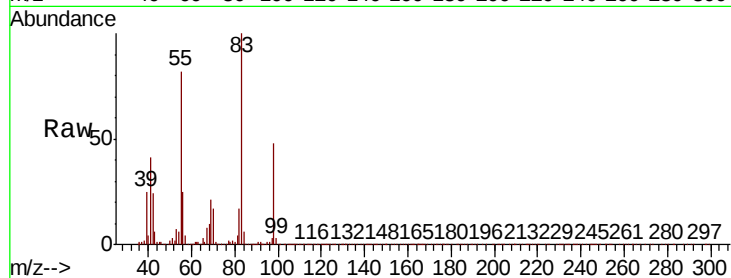
#39
Methvlcvclohexane
Concen: 15.572 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013850.D
Acq: 09 Dec 2019 14:37

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	81.7	61.9	92.9
98	48.4	39.4	59.0

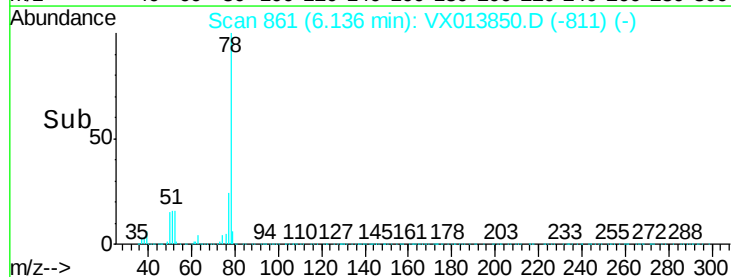
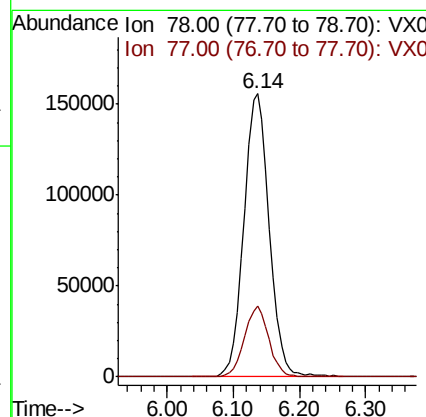
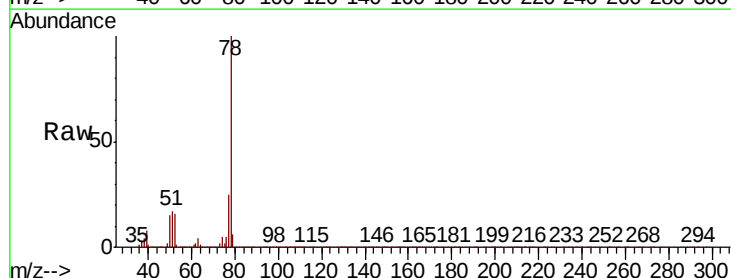
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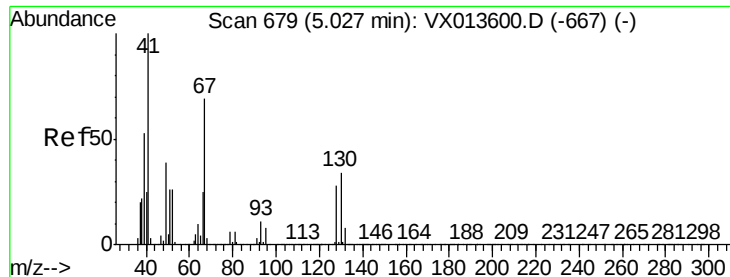
apatel
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#40
Benzene
Concen: 16.697 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013850.D
Acq: 09 Dec 2019 14:37

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.8	19.0	28.4





#41

Methacrylonitrile

Concen: 17.318 ug/l

RT: 5.03 min Scan# 679

Delta R.T. 0.00 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

Instrument :

MSVOA_X

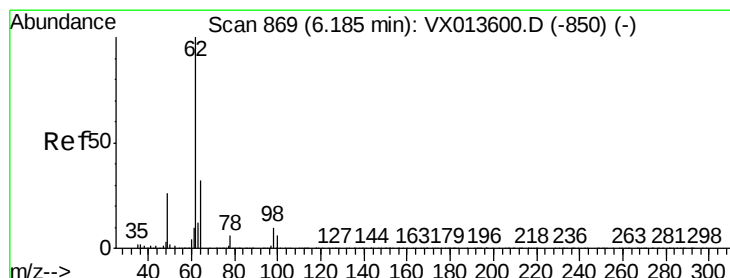
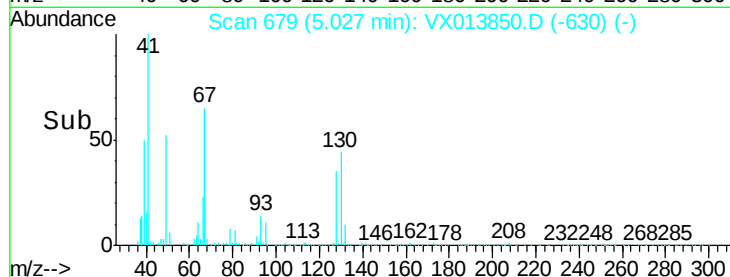
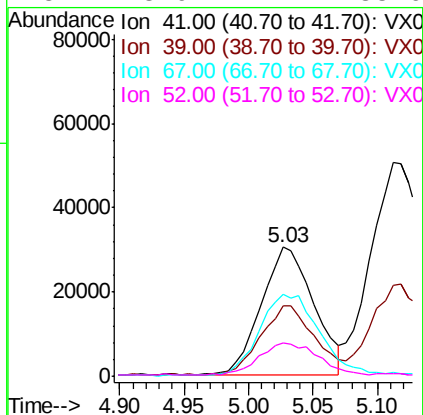
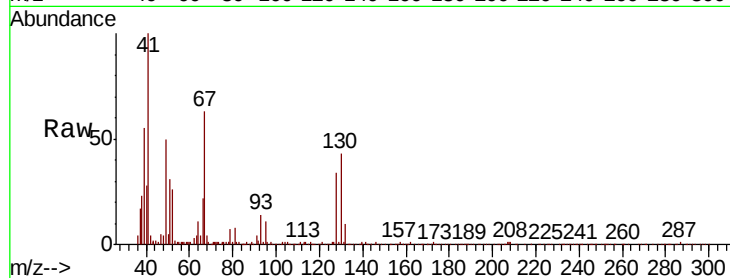
ClientSampleId :

VX1209WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.9	42.9	64.3	
67	72.9	57.4	86.0	
52	28.9	22.4	33.6	

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#42

1,2-Dichloroethane

Concen: 17.671 ug/l

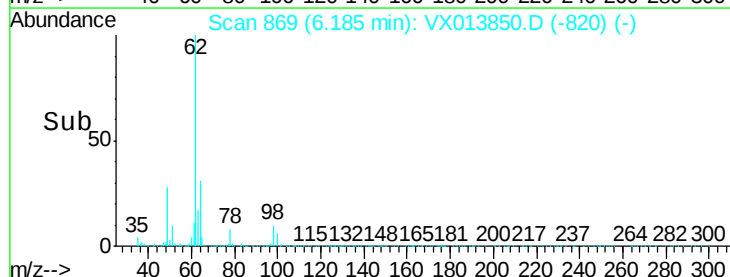
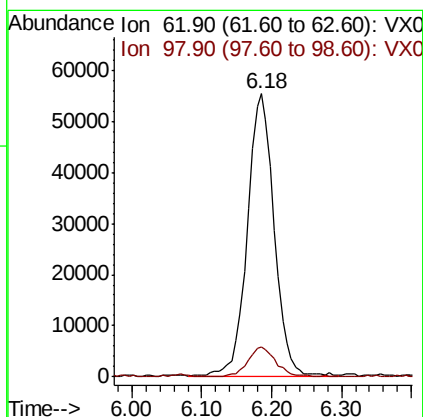
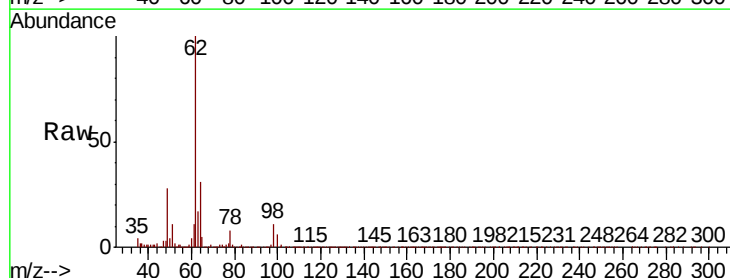
RT: 6.18 min Scan# 869

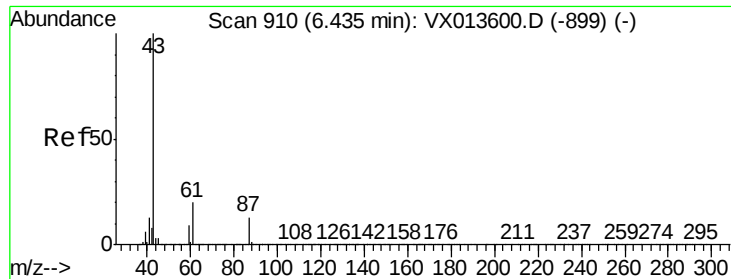
Delta R.T. 0.00 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.6	0.0	20.8	





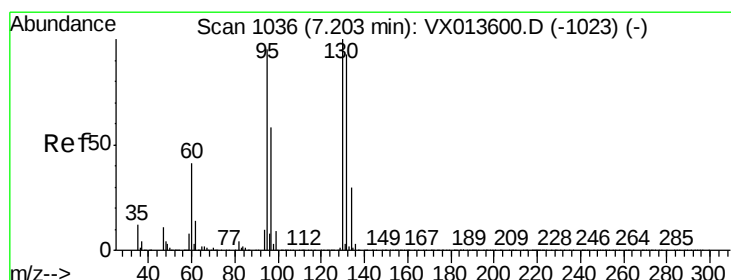
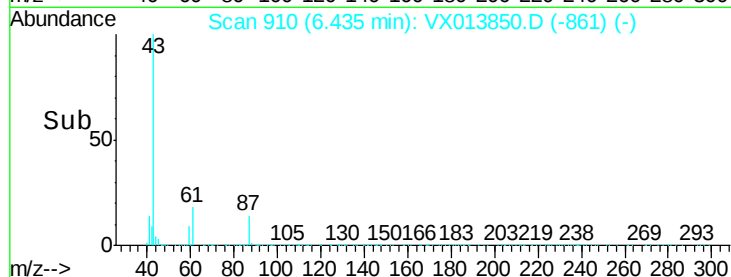
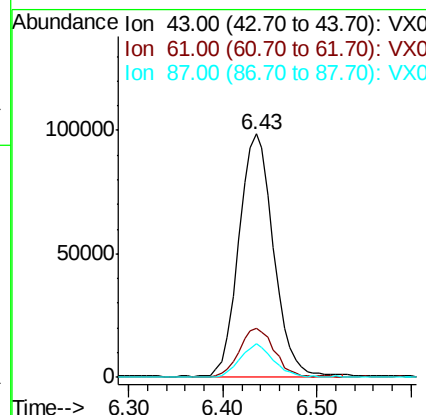
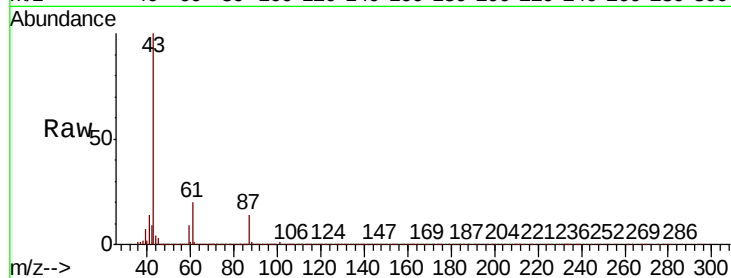
#43
Isopropyl Acetate
Concen: 16.727 ug/l
RT: 6.43 min Scan# 910
Delta R.T. 0.00 min
Lab File: VX013850.D
Acq: 09 Dec 2019 14:37

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.1	16.3	24.5
87	13.2	10.8	16.2

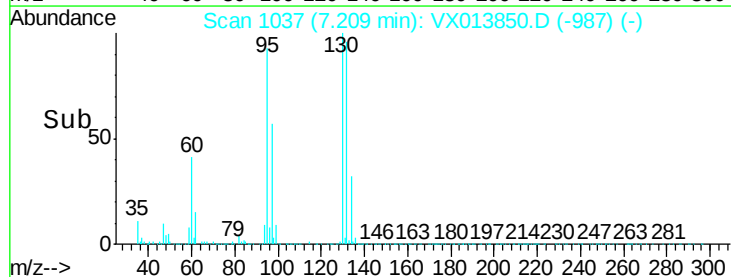
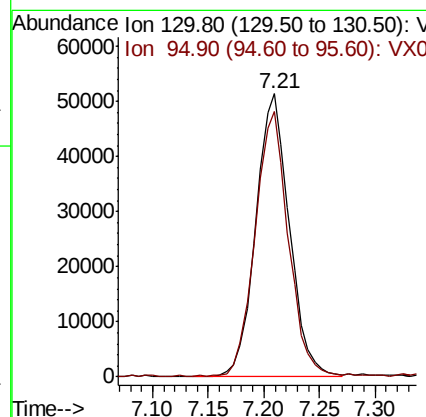
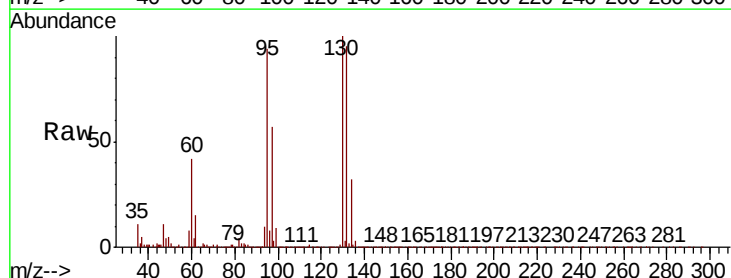
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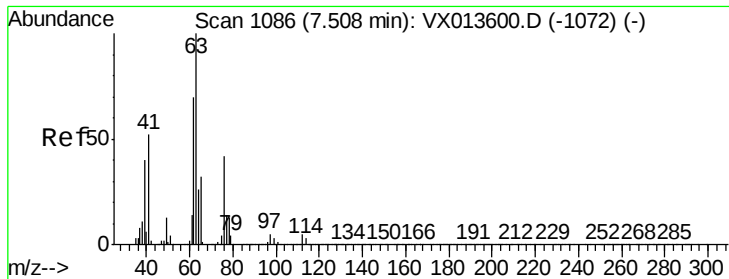
apatel
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#44
Trichloroethene
Concen: 15.991 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX013850.D
Acq: 09 Dec 2019 14:37

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.6	0.0	190.8





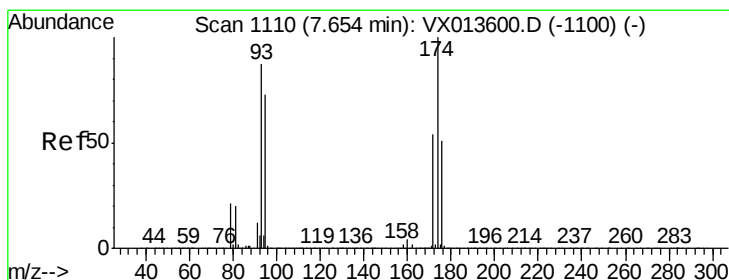
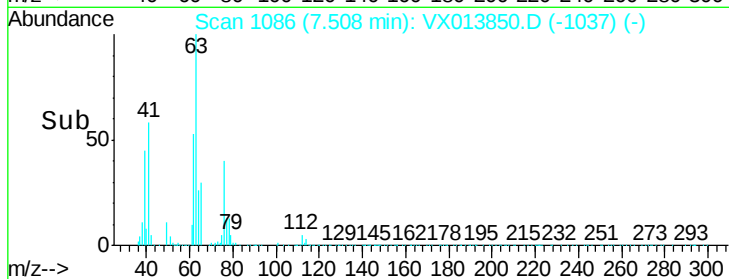
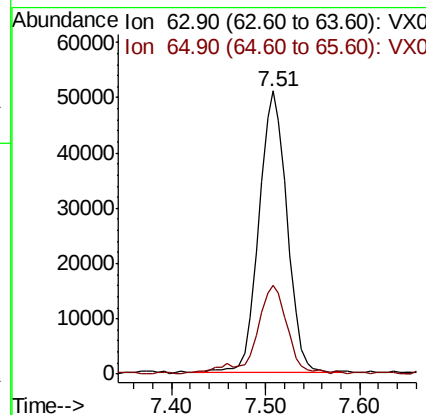
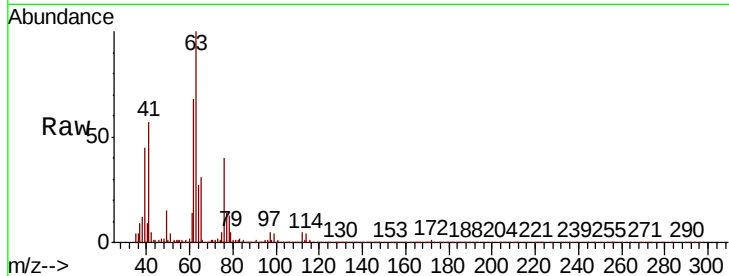
#45
 1,2-Dichloropropane
 Concen: 17.350 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX013850.D
 Acq: 09 Dec 2019 14:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.9	25.5	38.3

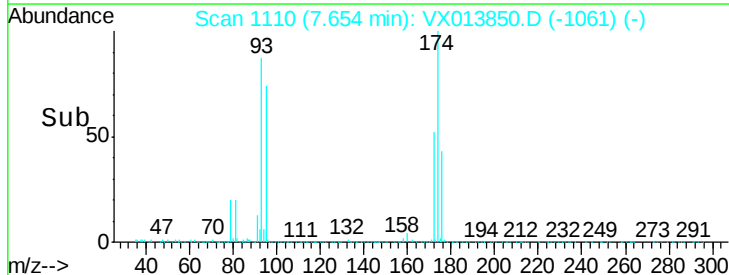
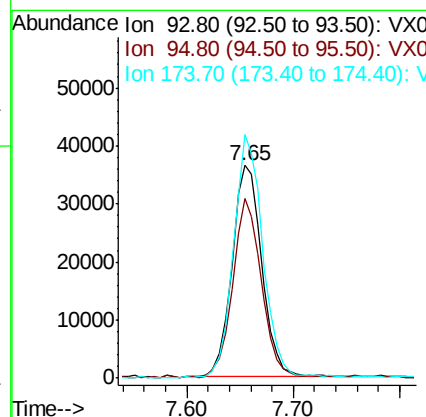
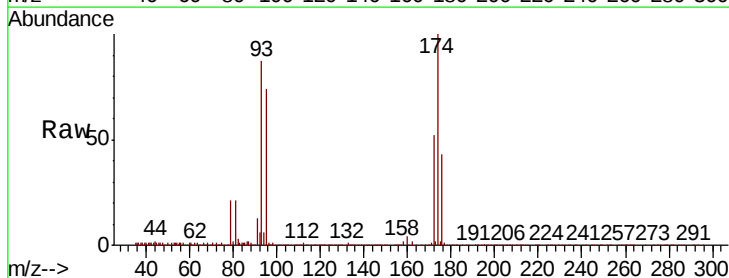
Manual Integrations
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#46
 Dibromomethane
 Concen: 17.018 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX013850.D
 Acq: 09 Dec 2019 14:37

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.0	66.2	99.2
174	112.7	93.4	140.0





#47

Bromodichloromethane

Concen: 16.834 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

Instrument :

MSVOA_X

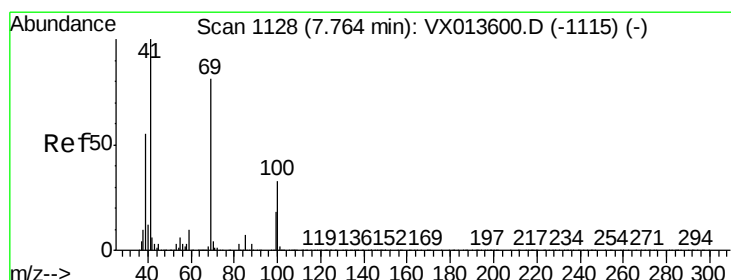
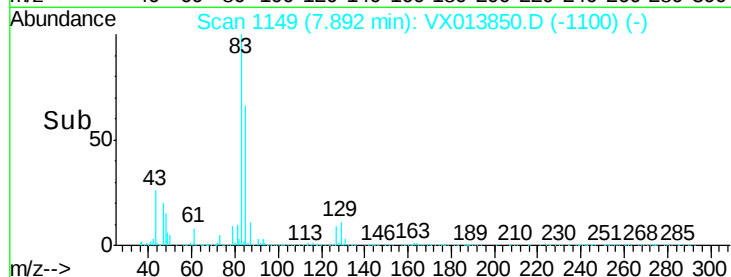
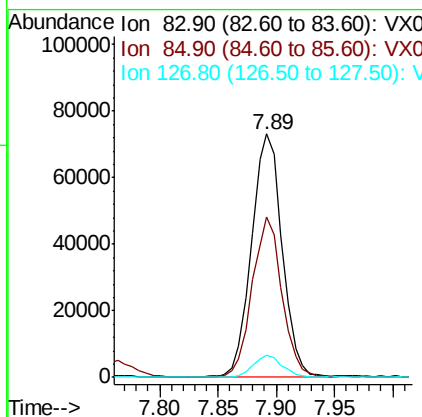
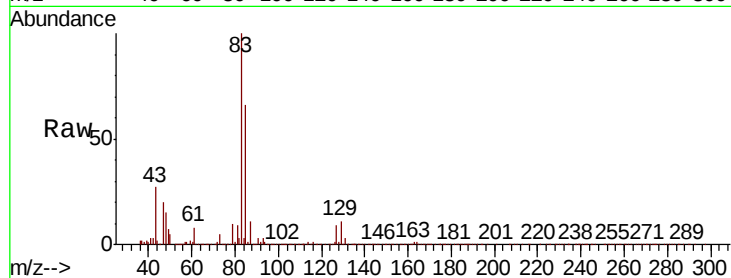
ClientSampleId :

VX1209WBS01

Tot Ion:	83	Resp:	133371
Ion Ratio	Lower	Upper	
83	100		
85	65.6	52.1	78.1
127	8.8	7.0	10.4

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#48

Methyl methacrylate

Concen: 16.906 ug/l

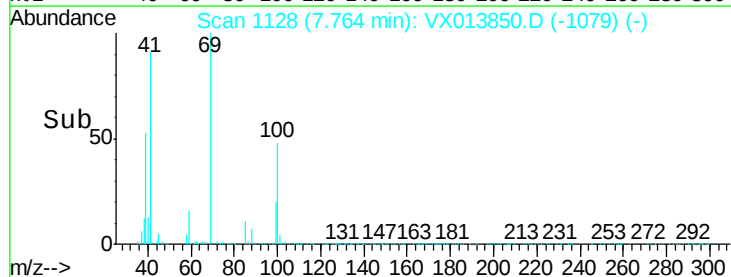
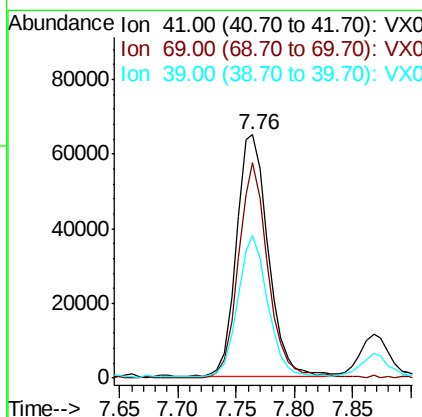
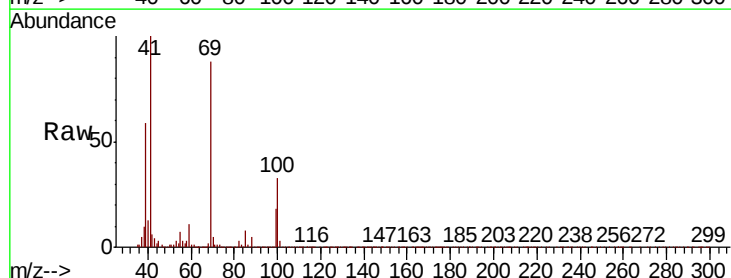
RT: 7.76 min Scan# 1128

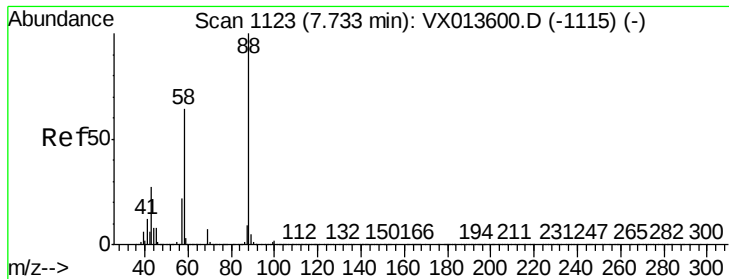
Delta R.T. 0.00 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

Tgt Ion:	41	Resp:	122848
Ion Ratio	Lower	Upper	
41	100		
69	82.8	64.7	97.1
39	55.6	43.8	65.6





#49

1,4-Dioxane

Concen: 318.095 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

Instrument :

MSVOA_X

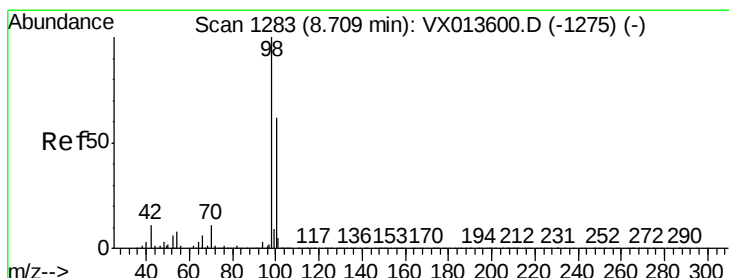
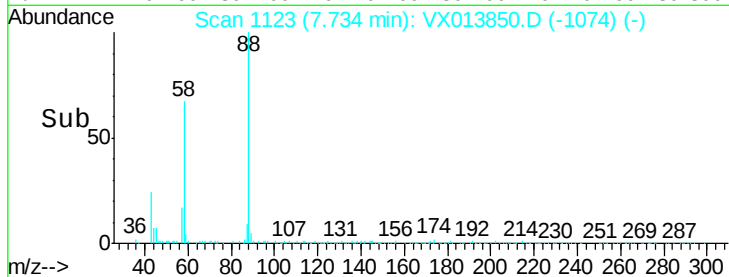
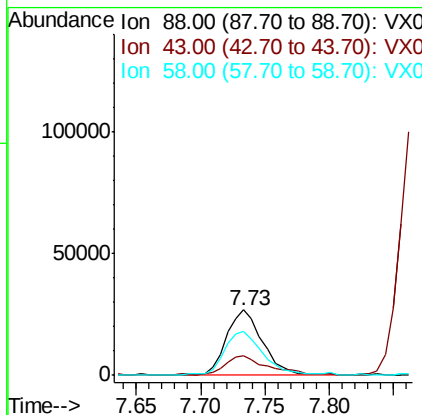
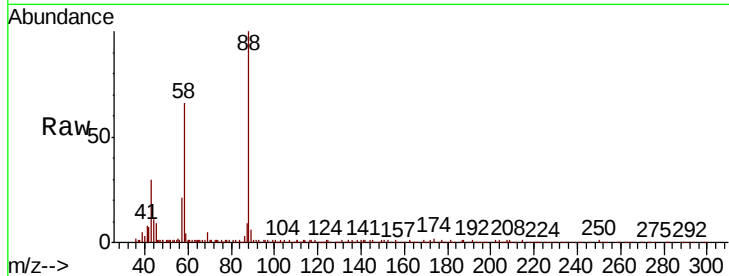
ClientSampled :

VX1209WBS01

Tot Ion:	88	Resp:	51740
Ion Ratio	Lower	Upper	
88	100		
43	36.8	25.8	38.6
58	72.9	54.6	82.0

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#50

Toluene-d8

Concen: 45.316 ug/l

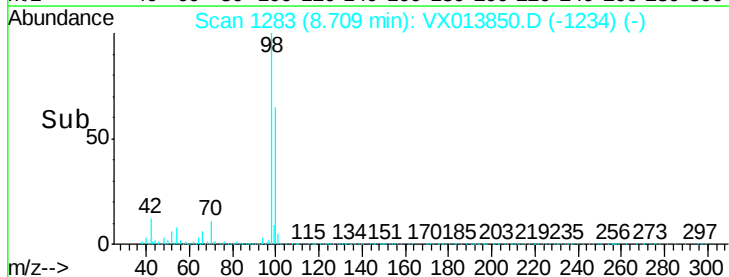
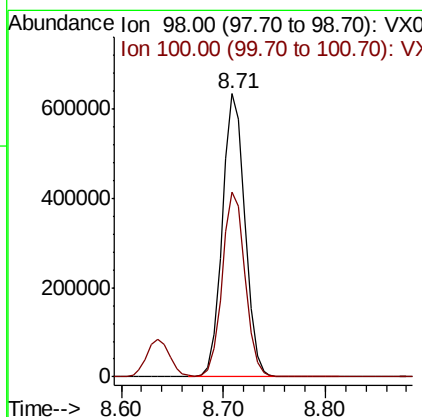
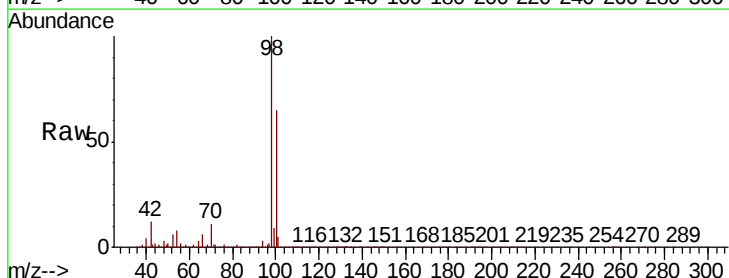
RT: 8.71 min Scan# 1283

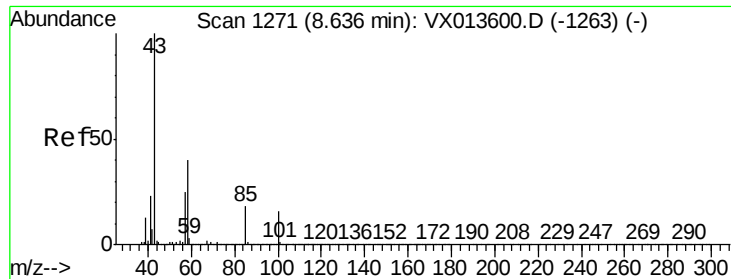
Delta R.T. 0.00 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

Tgt Ion:	98	Resp:	973687
Ion Ratio	Lower	Upper	
98	100		
100	65.7	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 86.650 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBS01

Tot Ion: 43 Resp: 815166

Ion Ratio Lower Upper

43 100

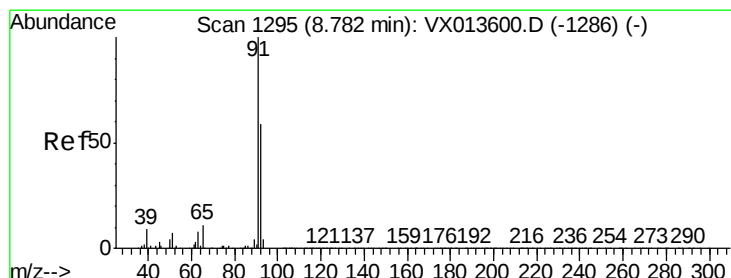
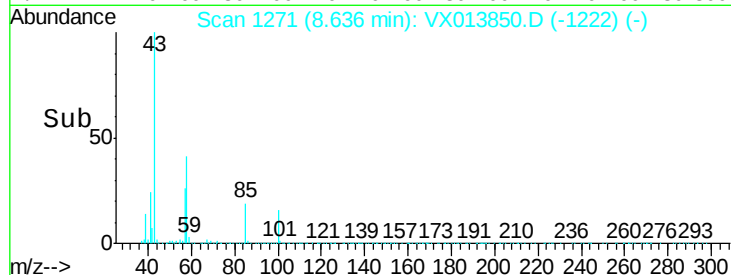
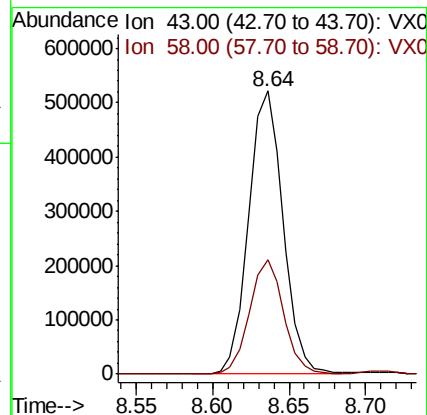
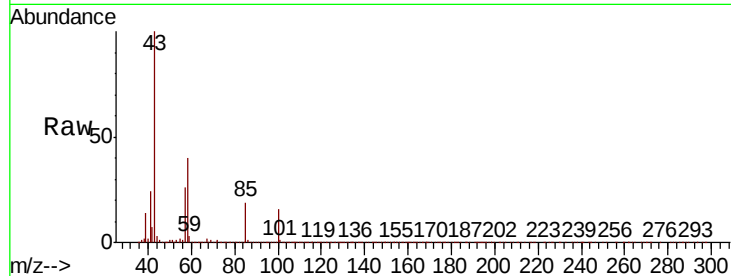
58 39.9 32.1 48.1

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#52

Toluene

Concen: 16.805 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX013850.D

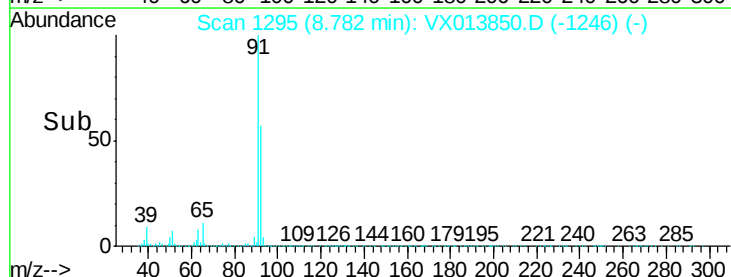
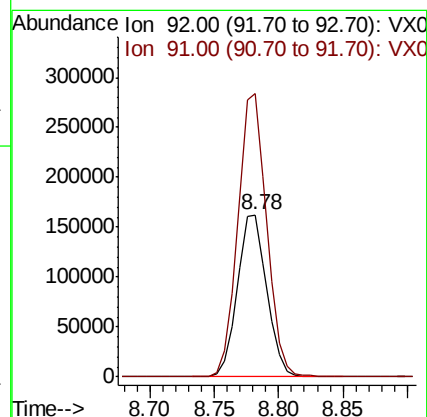
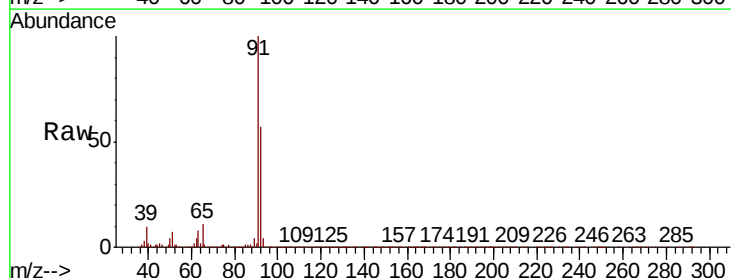
Acq: 09 Dec 2019 14:37

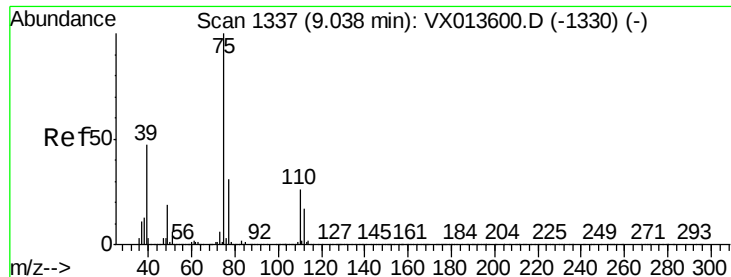
Tgt Ion: 92 Resp: 257474

Ion Ratio Lower Upper

92 100

91 171.6 136.2 204.2





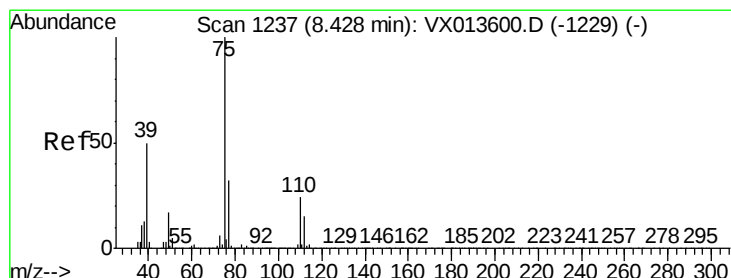
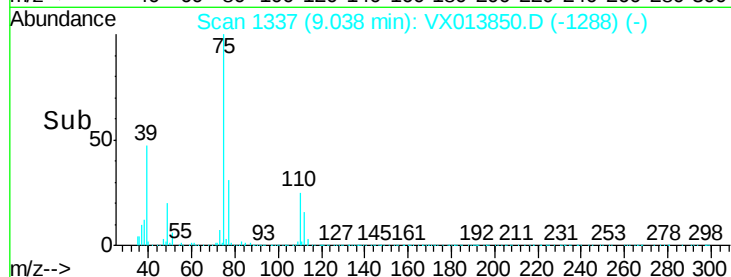
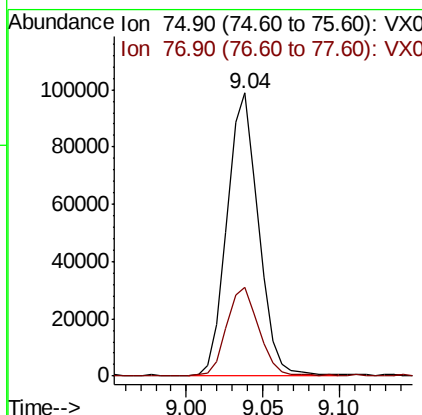
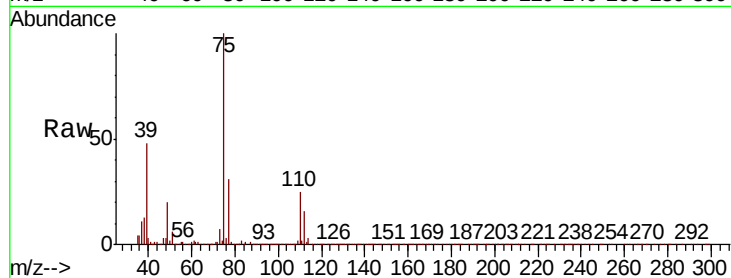
#53
t-1,3-Dichloropropene
Concen: 15.601 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX013850.D
Acq: 09 Dec 2019 14:37

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.3	24.4	36.6

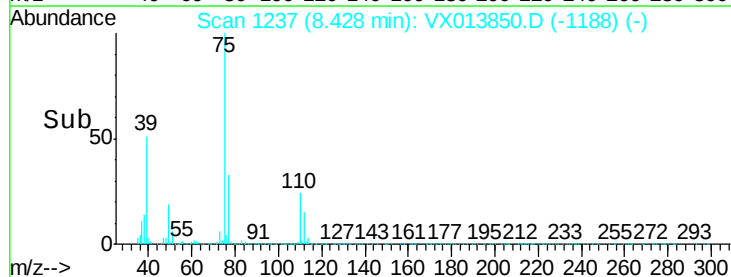
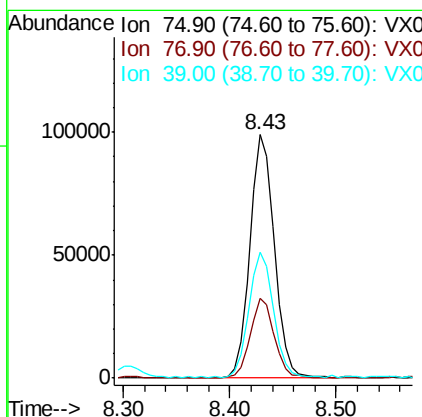
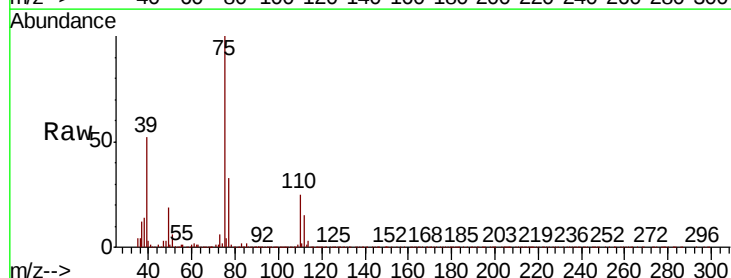
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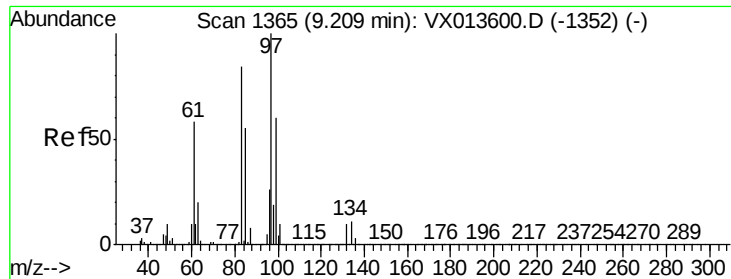
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#54
cis-1,3-Dichloropropene
Concen: 16.184 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX013850.D
Acq: 09 Dec 2019 14:37

Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.0	25.8	38.6
39	51.6	39.9	59.9





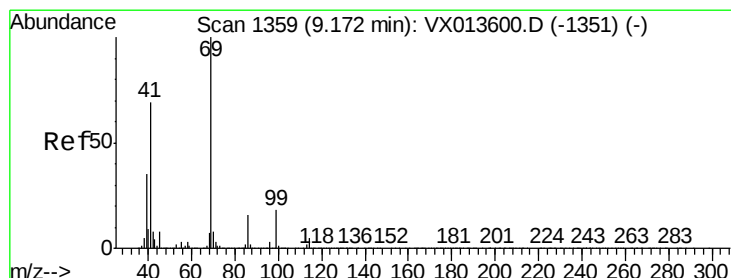
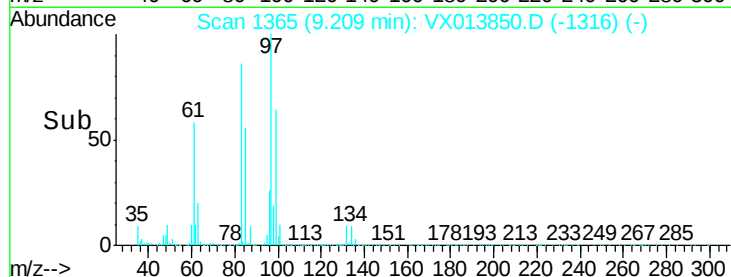
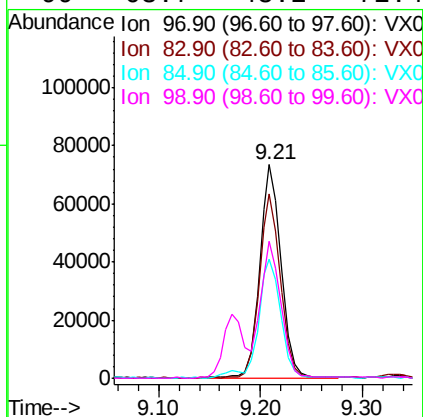
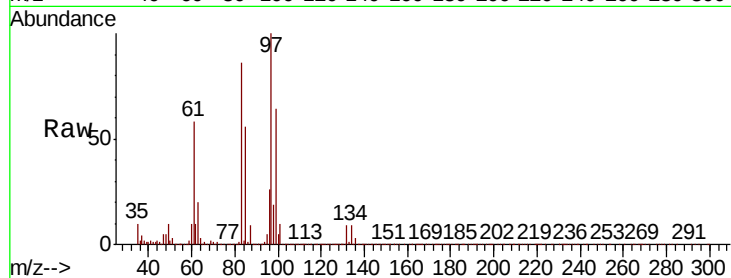
#55
 1,1,2-Trichloroethane
 Concen: 17.573 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013850.D
 Acq: 09 Dec 2019 14:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		108502		
83	86.0	67.3	100.9		
85	55.7	43.6	65.4		
99	63.7	48.2	72.4		

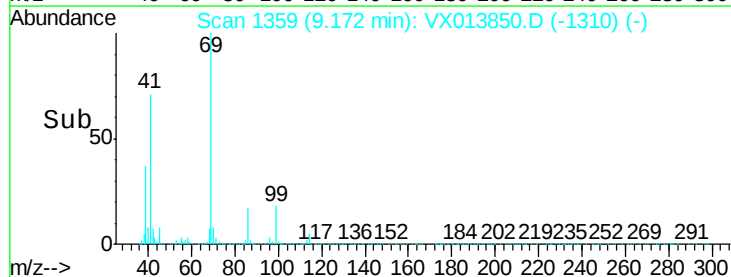
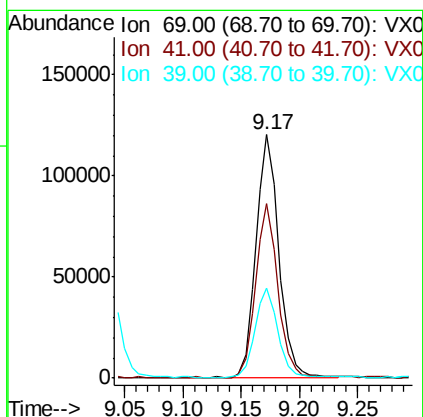
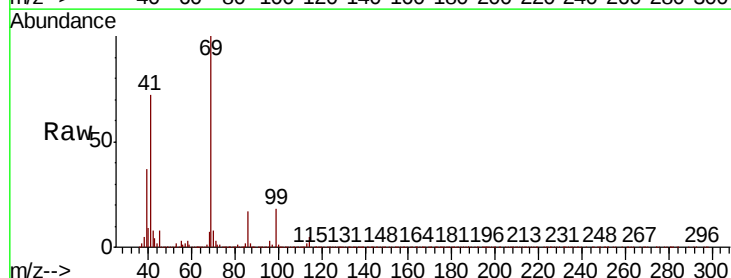
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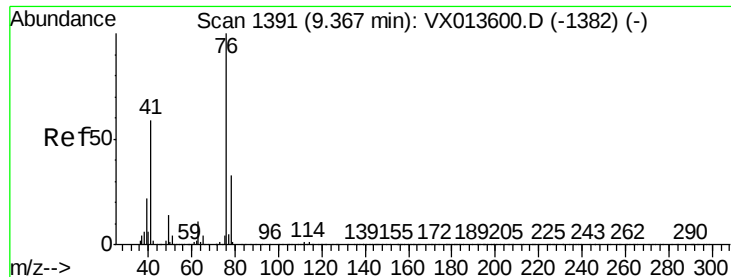
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#56
 Ethyl methacrylate
 Concen: 16.495 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013850.D
 Acq: 09 Dec 2019 14:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		163741		
41	70.0	55.0	82.4		
39	36.7	28.7	43.1		





#57

1,3-Dichloropropane

Concen: 16.925 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBS01

Tot Ion: 76 Resp: 180120

Ion Ratio Lower Upper

76 100

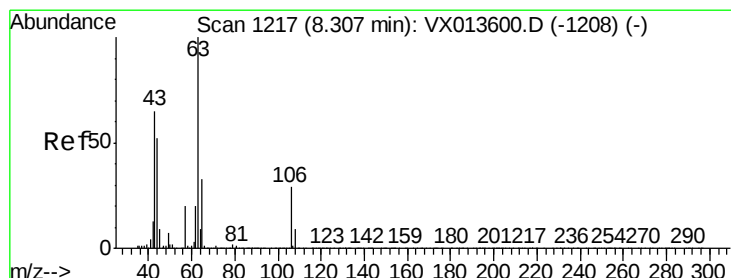
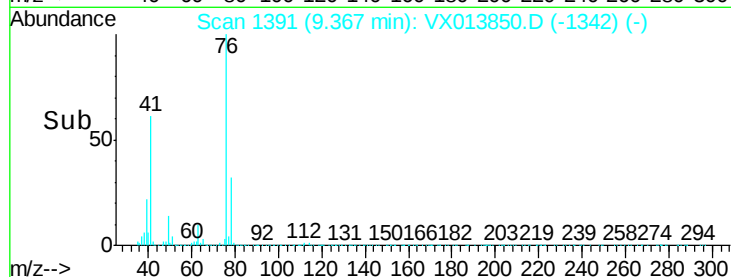
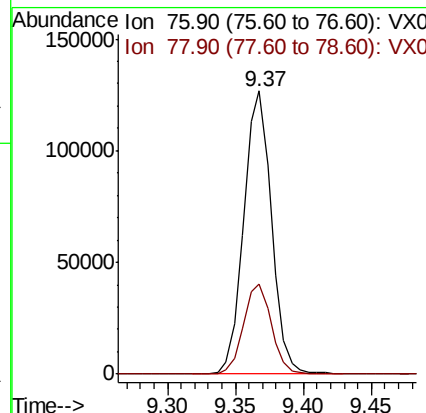
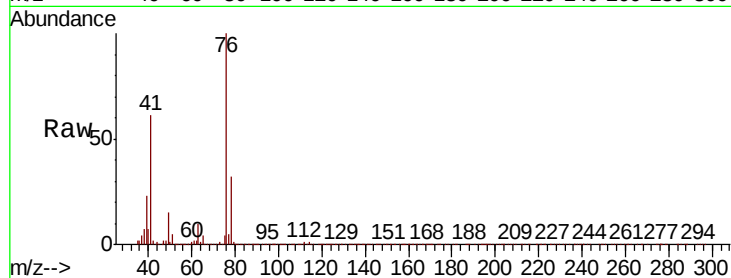
78 32.2 26.0 39.0

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#58

2-Chloroethyl Vinyl ether

Concen: 90.325 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX013850.D

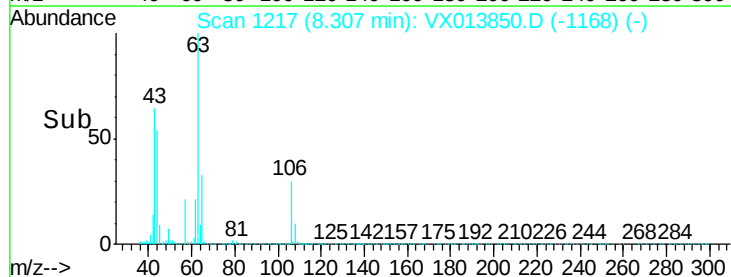
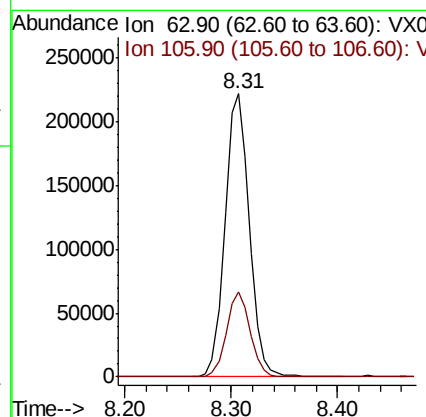
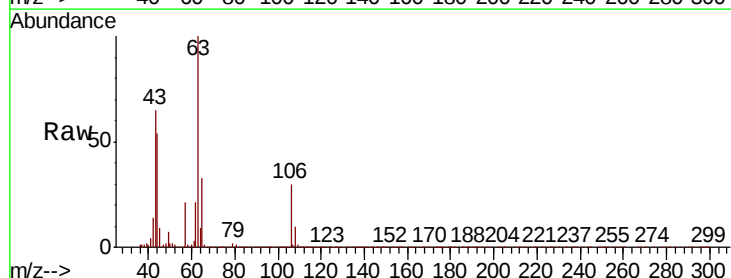
Acq: 09 Dec 2019 14:37

Tgt Ion: 63 Resp: 351546

Ion Ratio Lower Upper

63 100

106 29.3 23.4 35.0





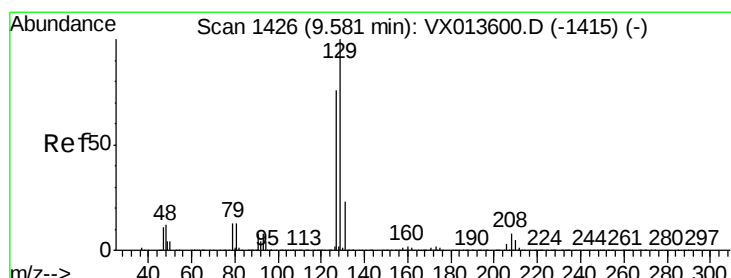
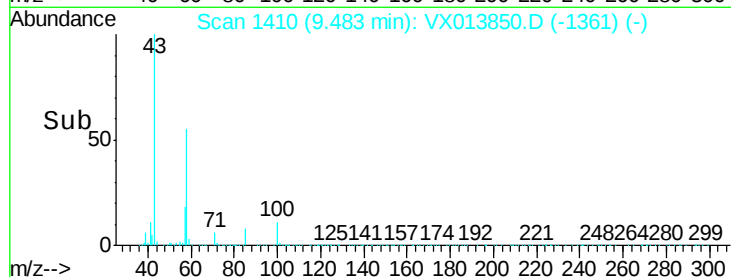
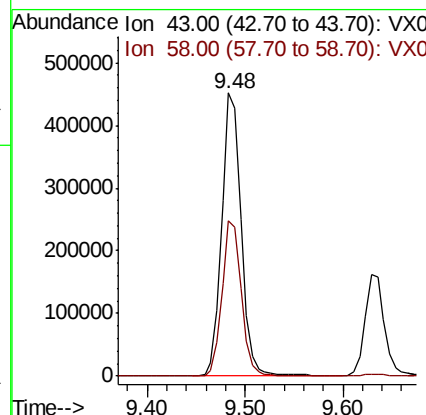
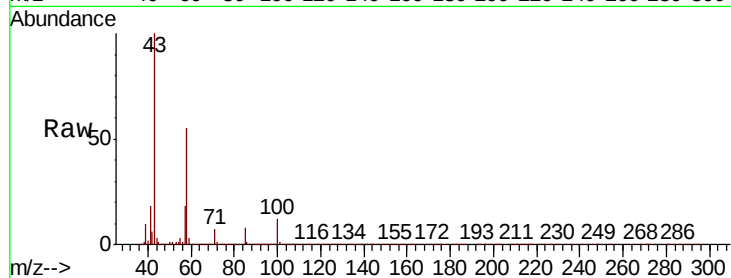
#59
2-Hexanone
Concen: 84.988 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX013850.D
Acq: 09 Dec 2019 14:37

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBS01

Tot Ion: 43 Resp: 623570
Ion Ratio Lower Upper
43 100
58 54.9 28.1 84.4

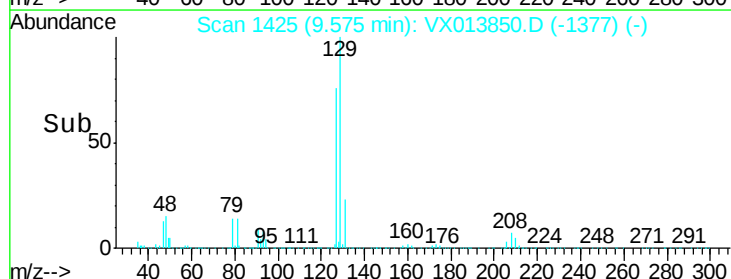
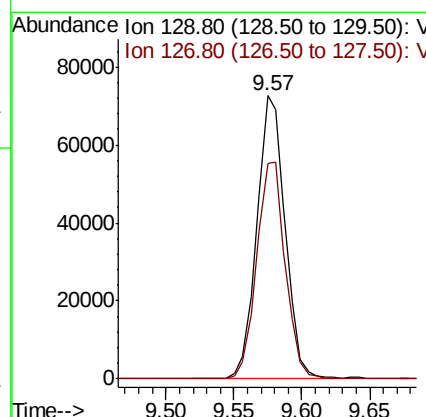
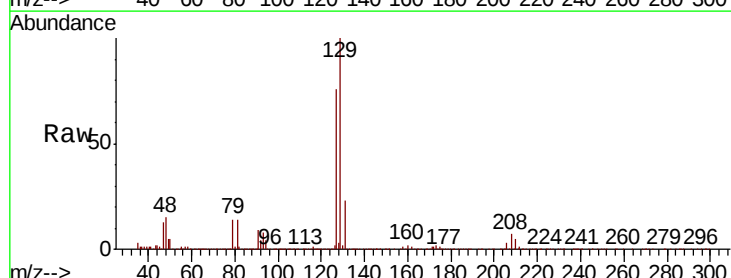
Manual Integrations
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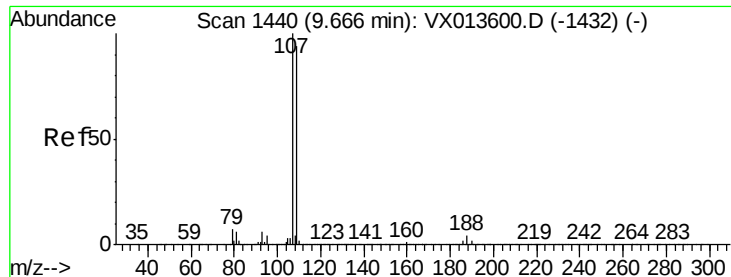
apatel
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#60
Dibromochloromethane
Concen: 16.442 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013850.D
Acq: 09 Dec 2019 14:37

Tgt Ion: 129 Resp: 105354
Ion Ratio Lower Upper
129 100
127 77.7 38.5 115.5





#61

1,2-Dibromoethane

Concen: 17.120 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBS01

Tot Ion:107 Resp: 112896

Ion Ratio Lower Upper

107 100

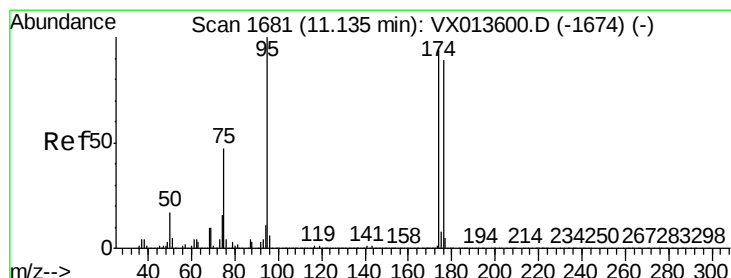
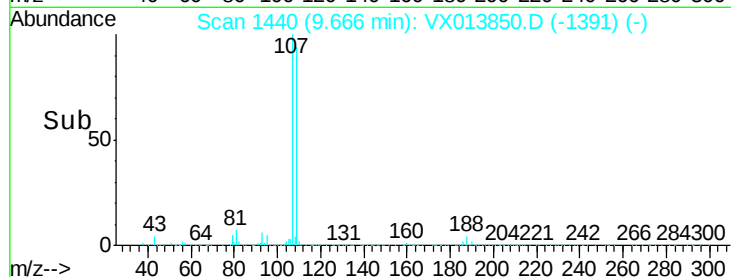
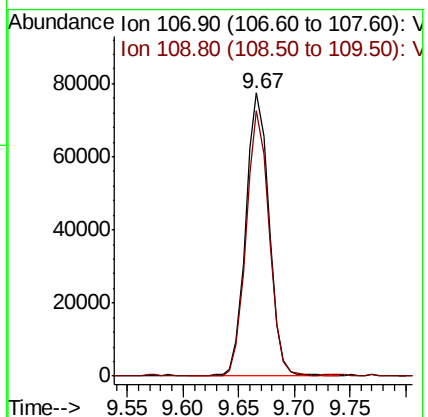
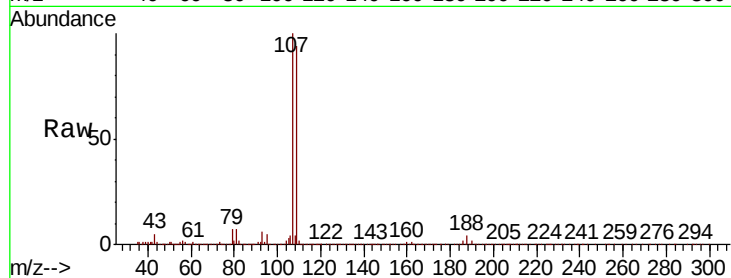
109 92.5 76.1 114.1

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#62

4-Bromofluorobenzene

Concen: 44.562 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

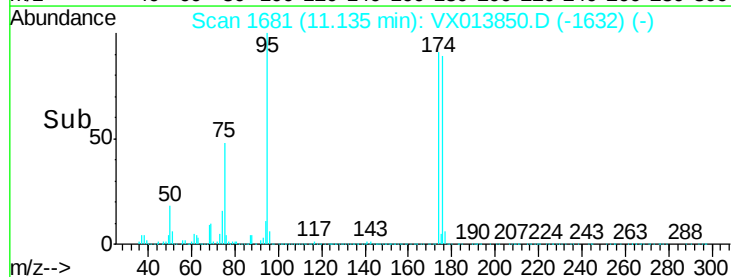
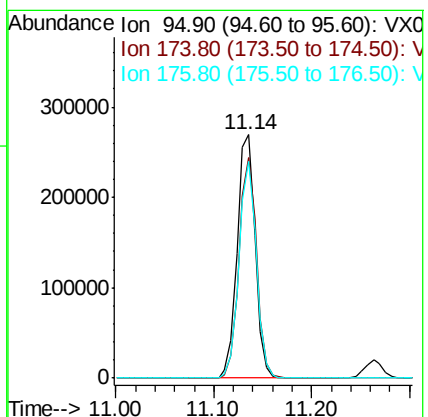
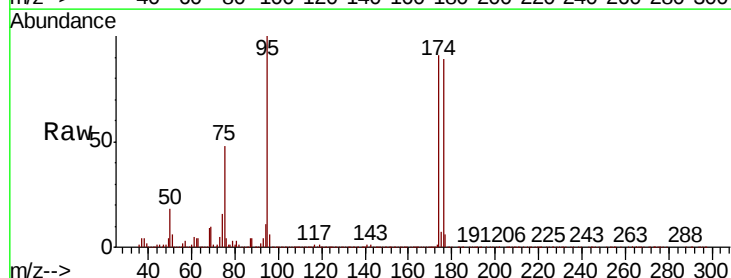
Tgt Ion: 95 Resp: 345271

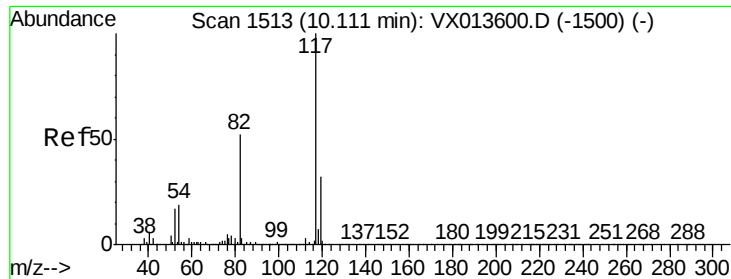
Ion Ratio Lower Upper

95 100

174 88.3 0.0 180.0

176 85.7 0.0 173.6





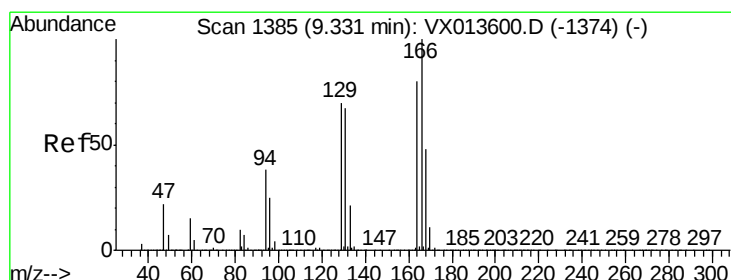
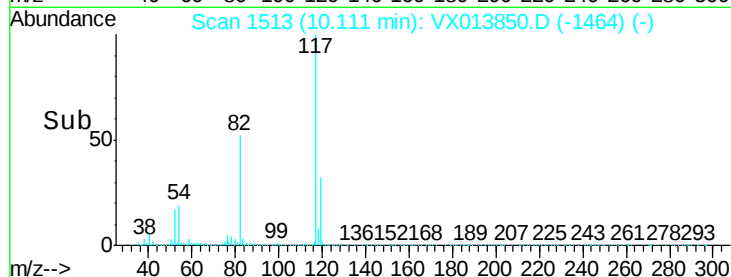
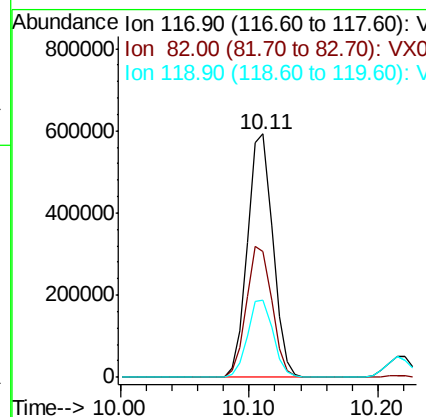
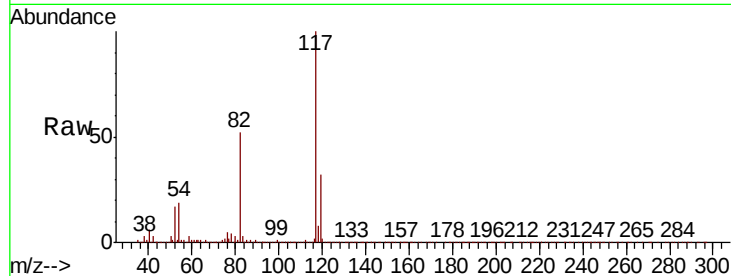
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013850.D
Acq: 09 Dec 2019 14:37

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.7	41.8	62.8
119	31.9	25.8	38.8

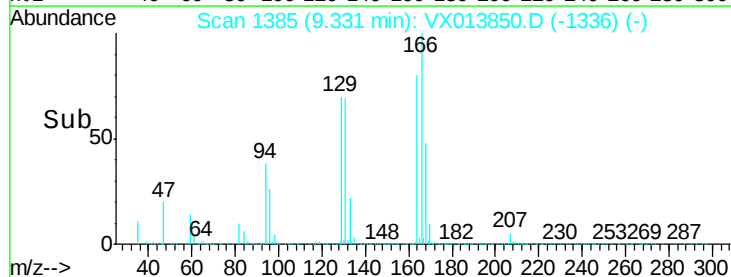
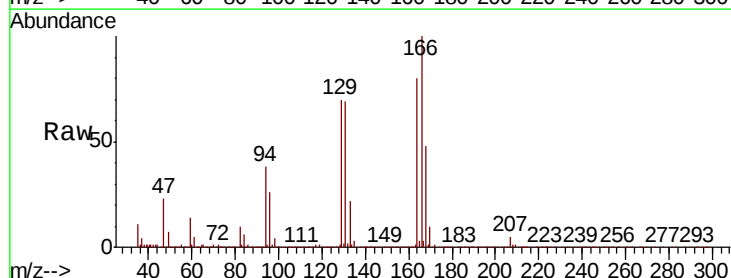
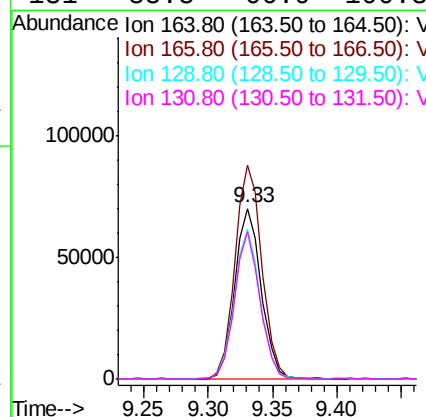
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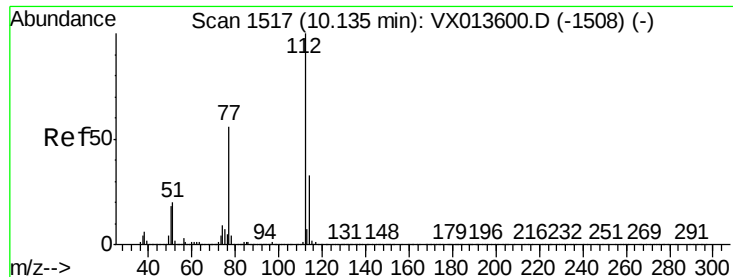
apatel
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#64
Tetrachloroethene
Concen: 16.780 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013850.D
Acq: 09 Dec 2019 14:37

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.1	99.7	149.5
129	87.2	70.1	105.1
131	85.8	66.9	100.3





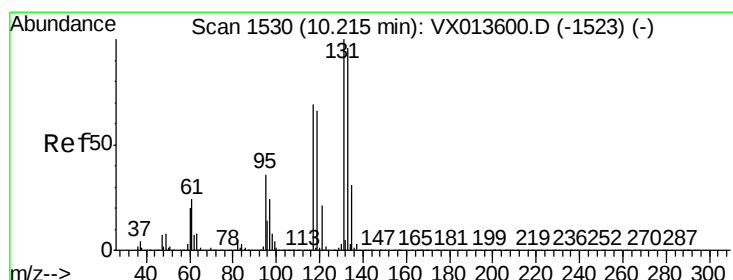
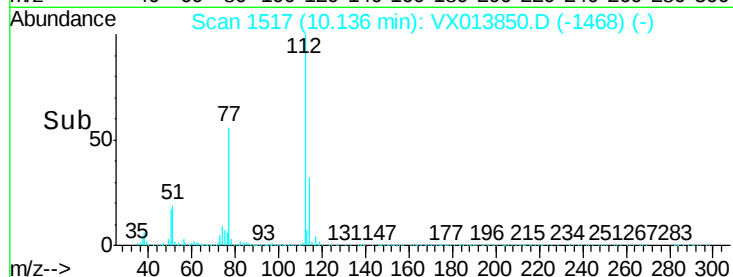
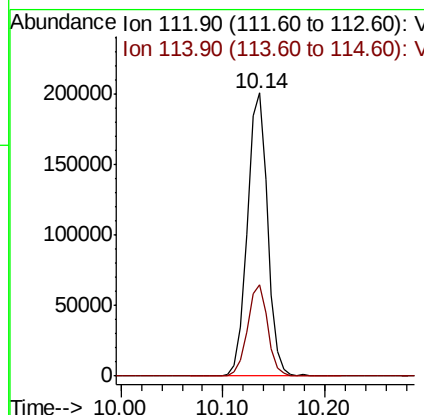
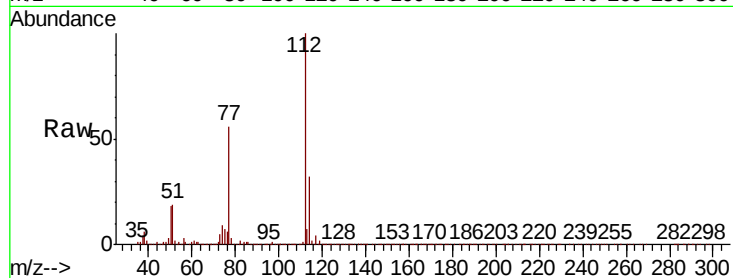
#65
Chlorobenzene
Concen: 16.447 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX013850.D
Acq: 09 Dec 2019 14:37

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.4	26.1	39.1

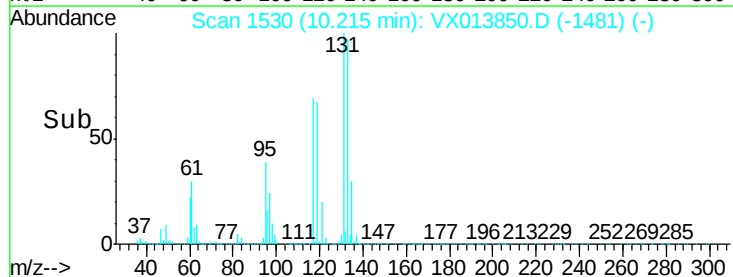
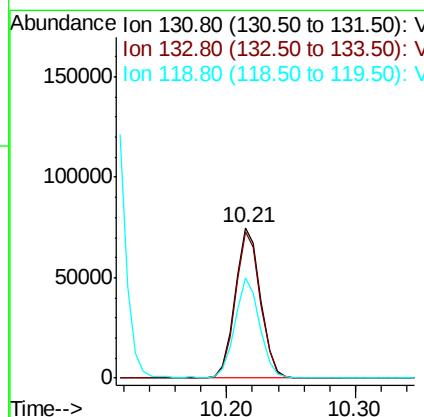
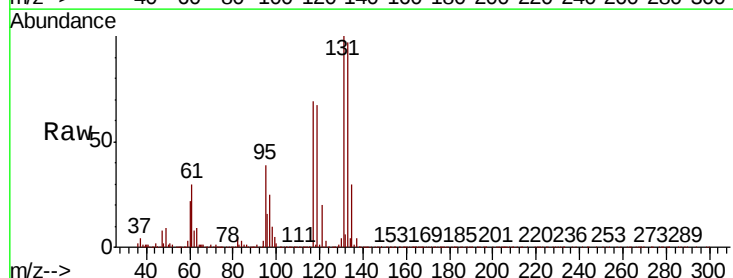
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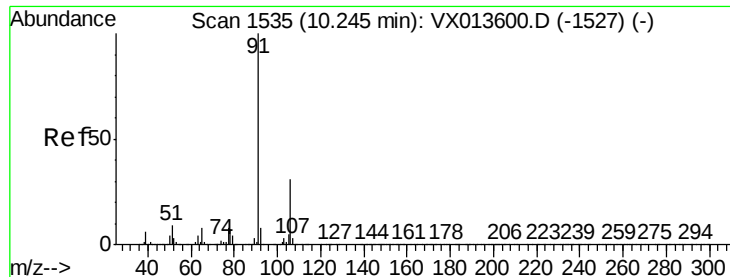
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#66
1,1,1,2-Tetrachloroethane
Concen: 17.030 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX013850.D
Acq: 09 Dec 2019 14:37

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.8	47.7	143.1
119	65.1	32.9	98.6





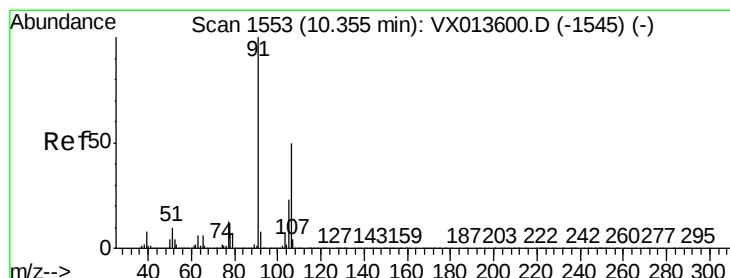
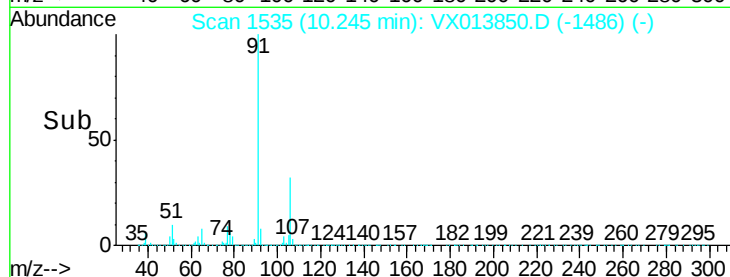
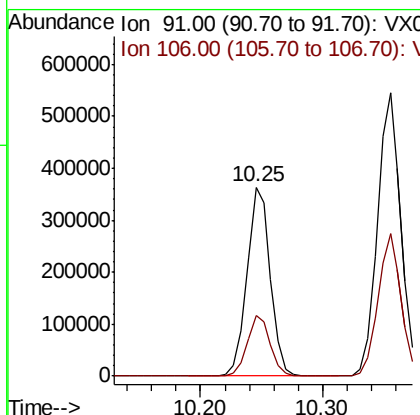
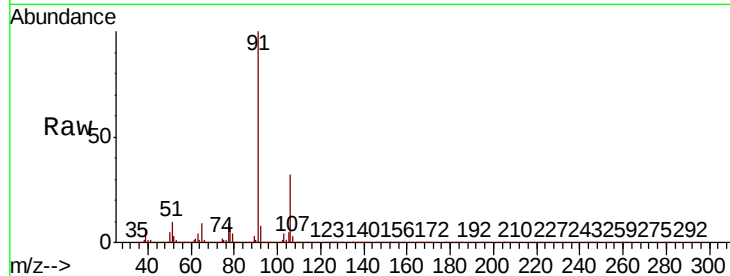
#67
Ethyl Benzene
Concen: 16.716 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX013850.D
Acq: 09 Dec 2019 14:37

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBS01

Tot Ion: 91 Resp: 480269
Ion Ratio Lower Upper
91 100
106 31.8 24.5 36.7

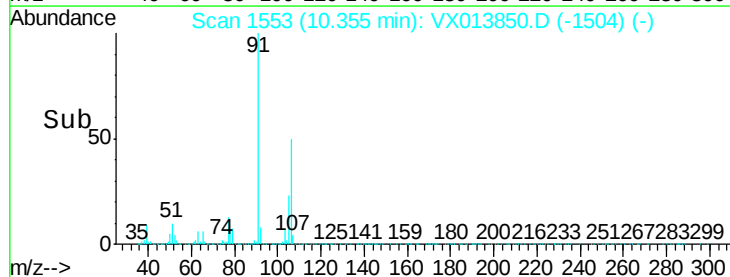
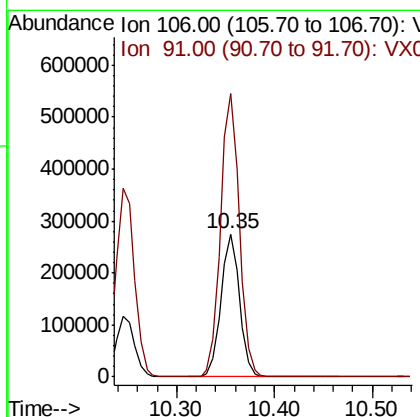
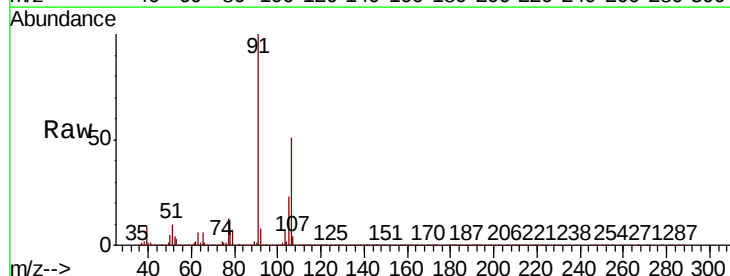
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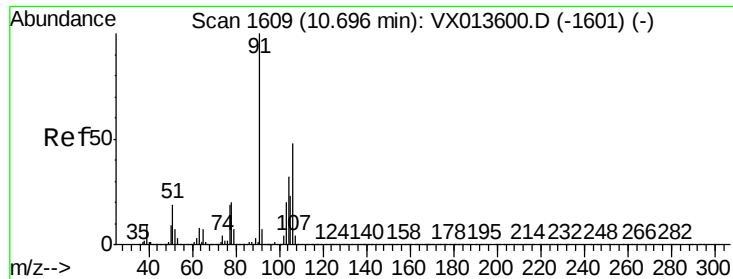
apatel
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#68
m/p-Xylenes
Concen: 32.944 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013850.D
Acq: 09 Dec 2019 14:37

Tgt Ion: 106 Resp: 362376
Ion Ratio Lower Upper
106 100
91 199.8 159.0 238.4





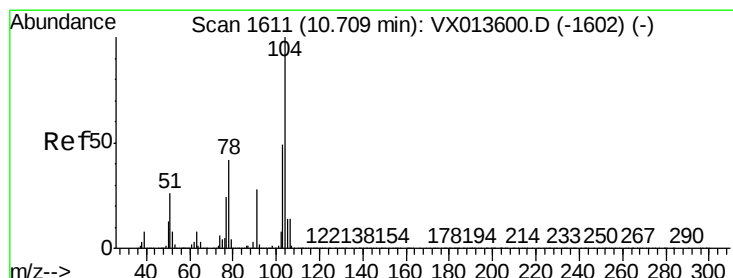
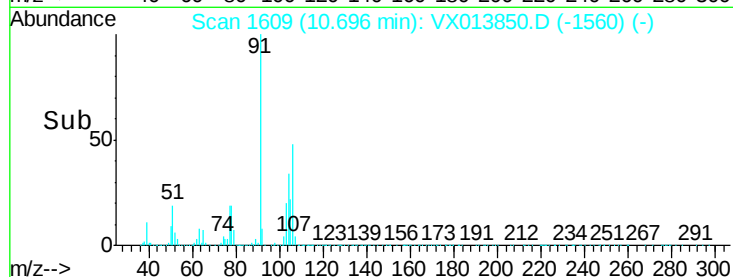
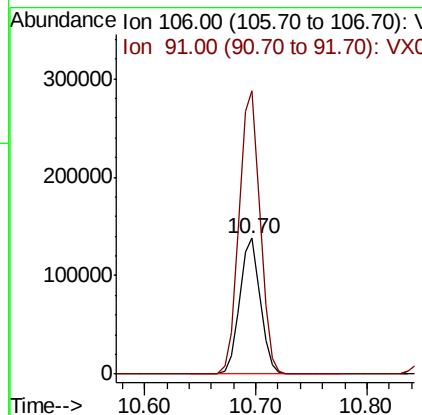
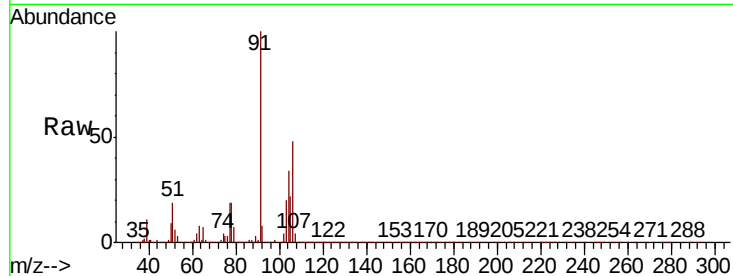
#69
o-Xylene
Concen: 16.562 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013850.D
Acq: 09 Dec 2019 14:37

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBS01

Tot Ion:106 Resp: 177672
Ion Ratio Lower Upper
106 100
91 211.1 104.1 312.2

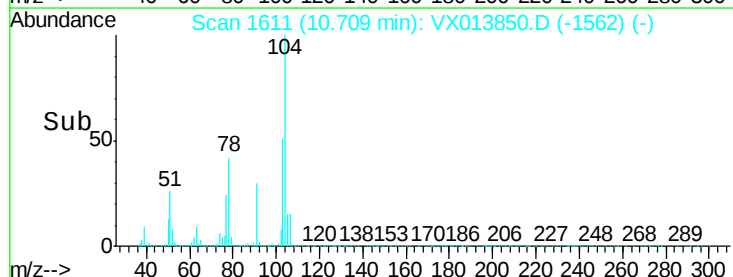
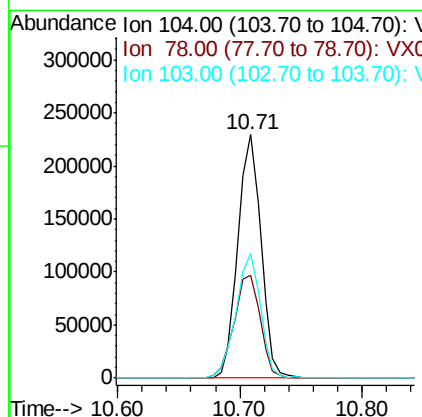
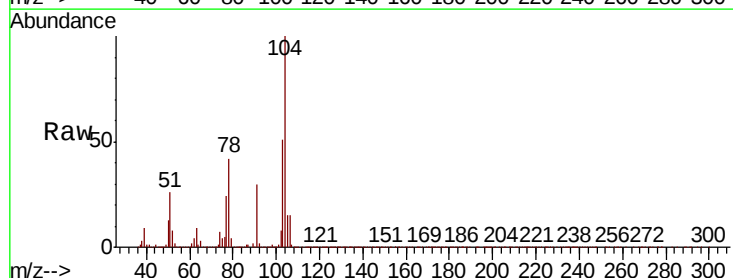
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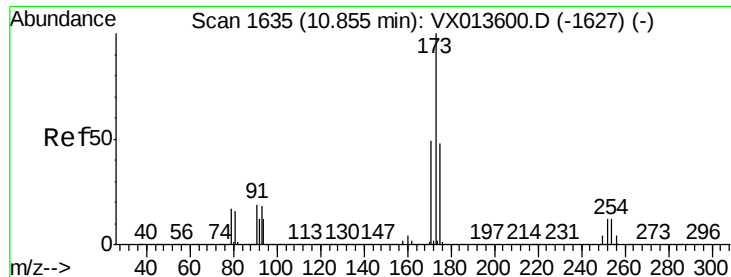
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#70
Styrene
Concen: 16.616 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013850.D
Acq: 09 Dec 2019 14:37

Tgt Ion:104 Resp: 299855
Ion Ratio Lower Upper
104 100
78 48.1 38.5 57.7
103 54.4 43.7 65.5





#71

Bromoform

Concen: 16.313 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

Instrument :

MSVOA_X

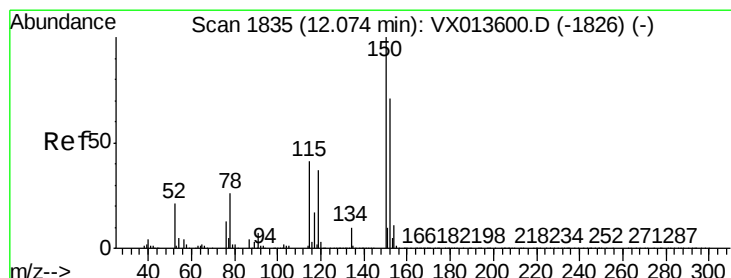
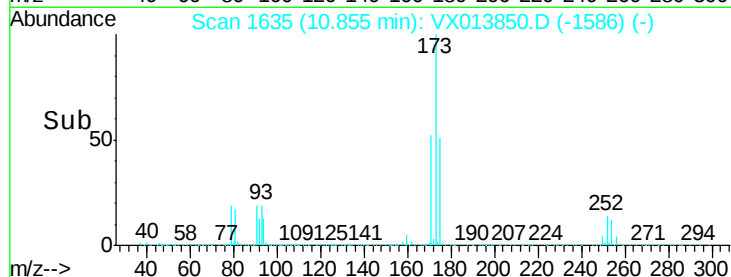
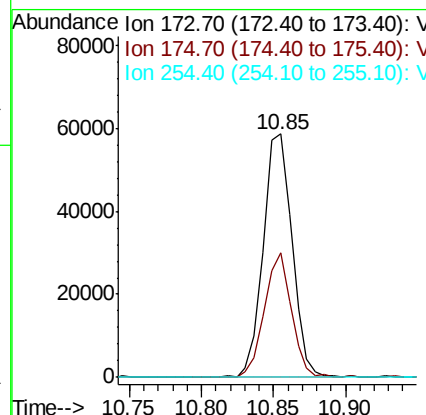
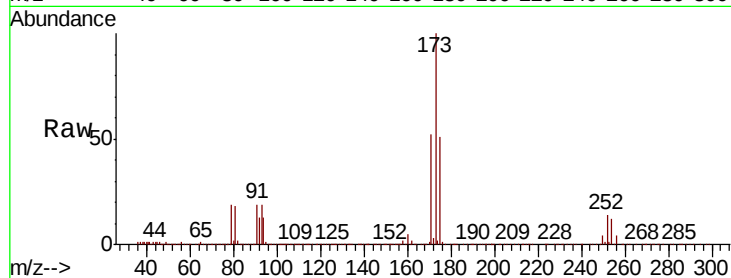
ClientSampleId :

VX1209WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.0	24.3	72.8
254	0.3	0.2	0.4

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

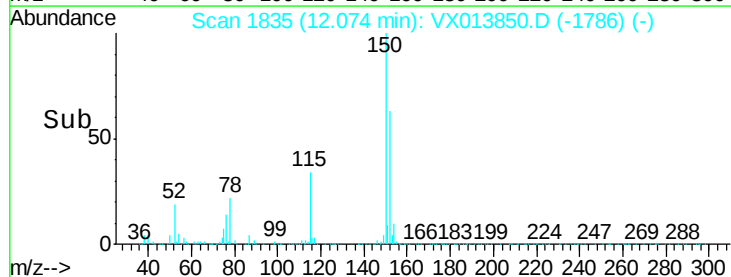
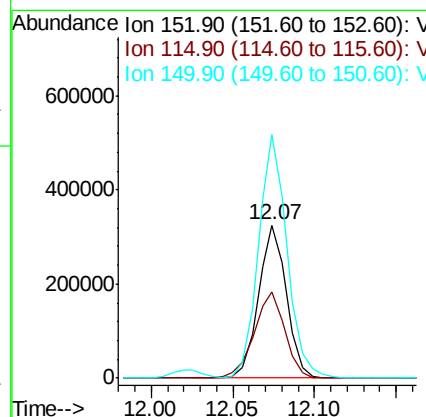
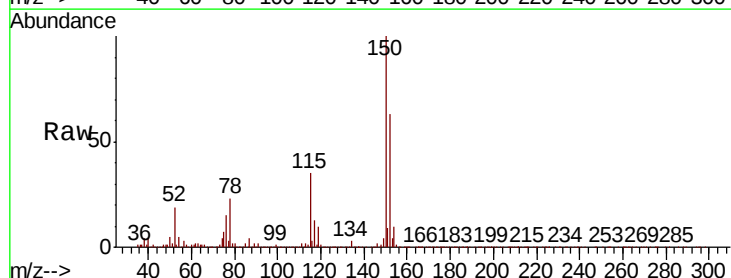
RT: 12.07 min Scan# 1835

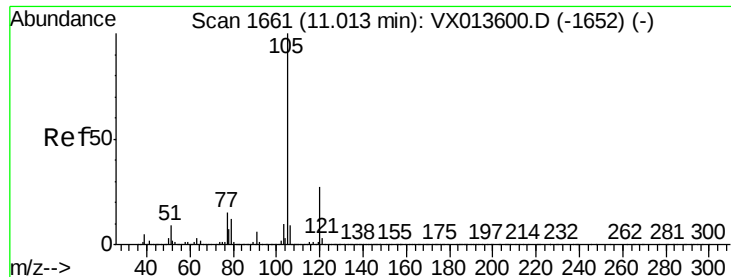
Delta R.T. 0.00 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.5	38.4	115.1
150	163.8	0.0	346.8





#73

Isopropylbenzene

Concen: 17.690 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBS01

Tot Ion: 105 Resp: 475485

Ion Ratio Lower Upper

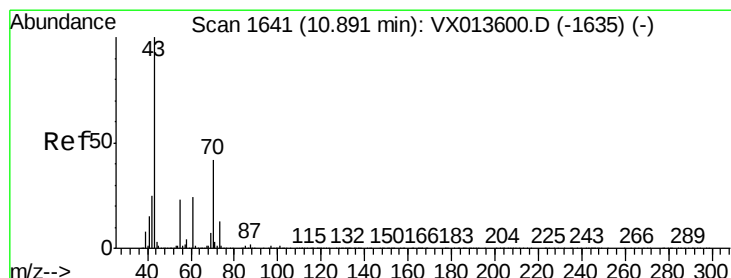
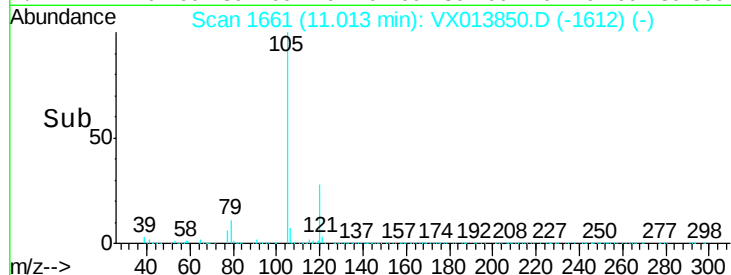
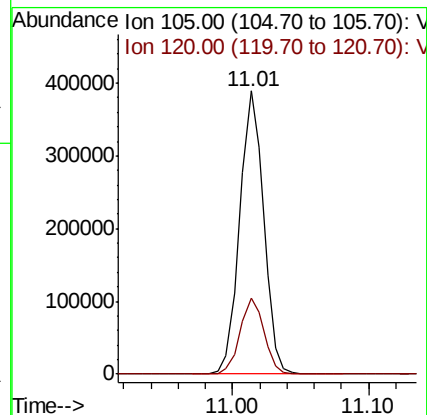
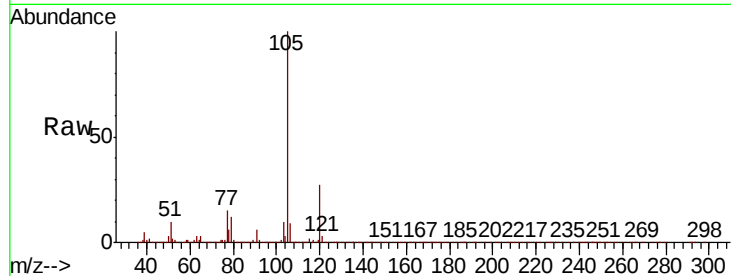
105 100

120 27.0 13.5 40.5

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#74

N-ethyl acetate

Concen: 16.965 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

Tgt Ion: 43 Resp: 208889

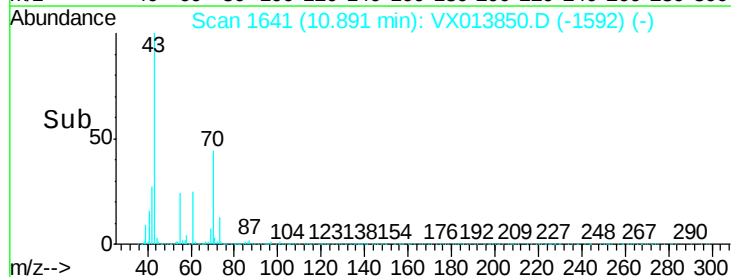
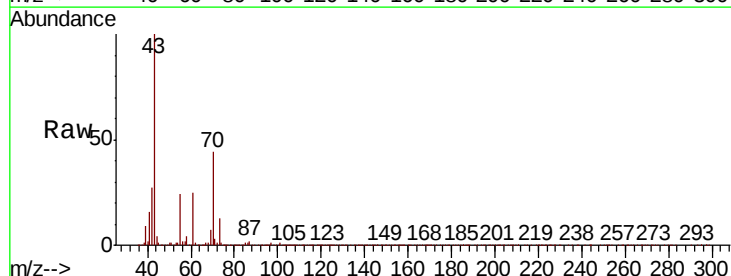
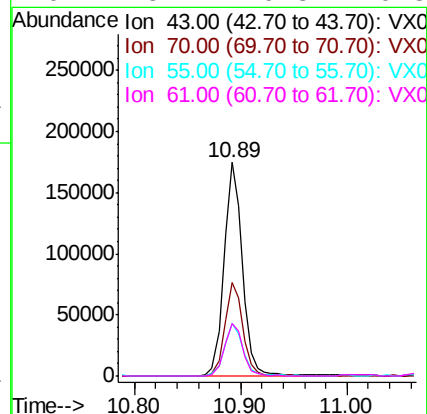
Ion Ratio Lower Upper

43 100

70 43.4 34.3 51.5

55 25.4 18.5 27.7

61 25.1 19.8 29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 18.287 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

Instrument :

MSVOA_X

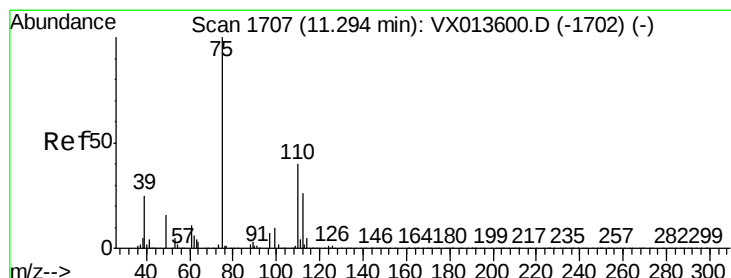
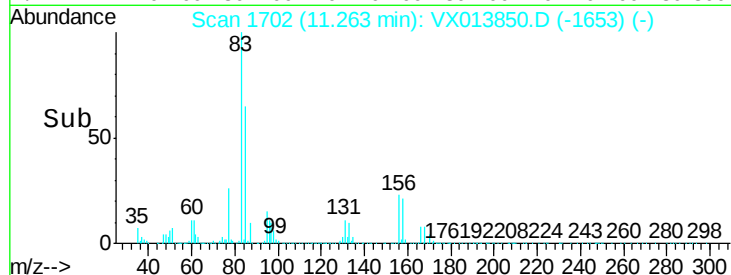
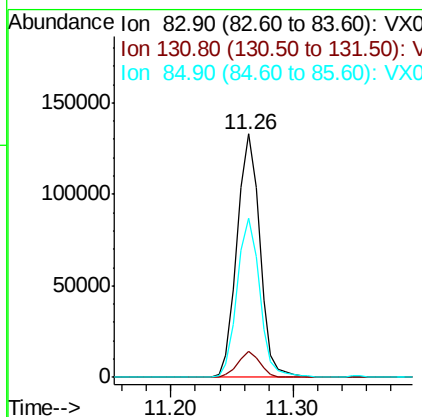
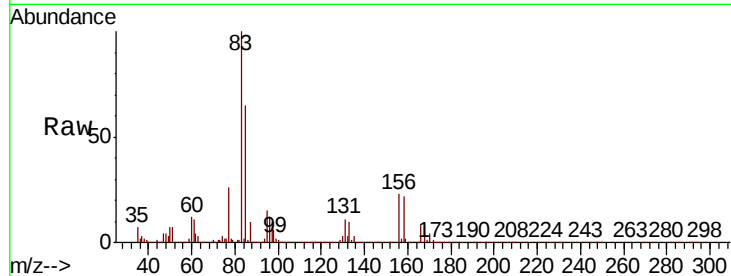
ClientSampleId :

VX1209WBS01

Tot Ion:	83	Resp:	170465
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.1	15.3
85	65.1	31.8	95.3

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#76

1,2,3-Trichloropropane

Concen: 17.949 ug/l m

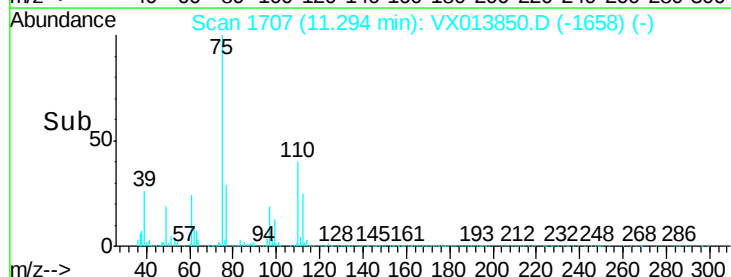
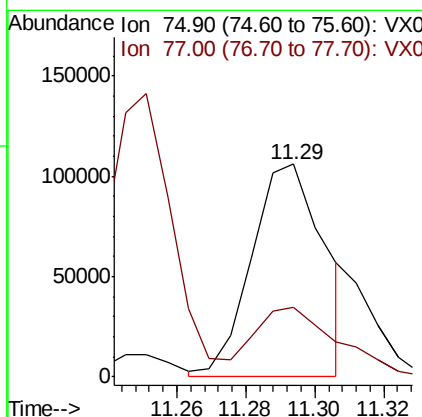
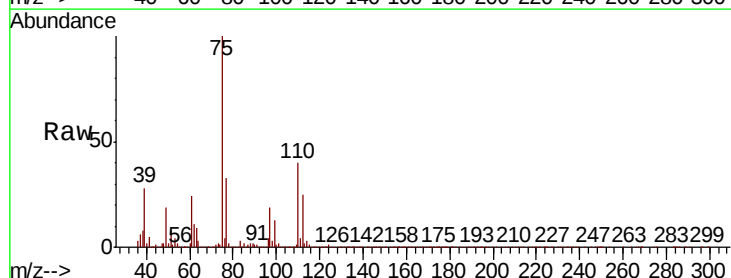
RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

Tgt Ion:	75	Resp:	154695
Ion Ratio	Lower	Upper	
75	100		
77	37.2	19.1	57.5





#77

Bromobenzene

Concen: 17.133 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

Instrument :

MSVOA_X

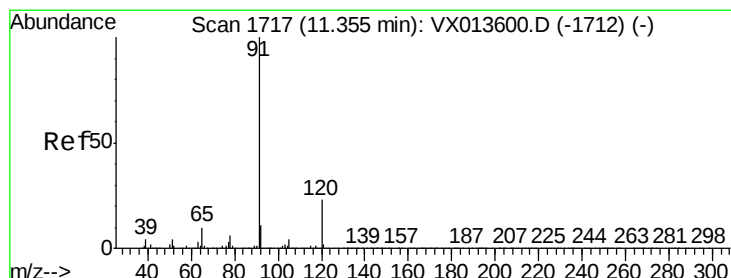
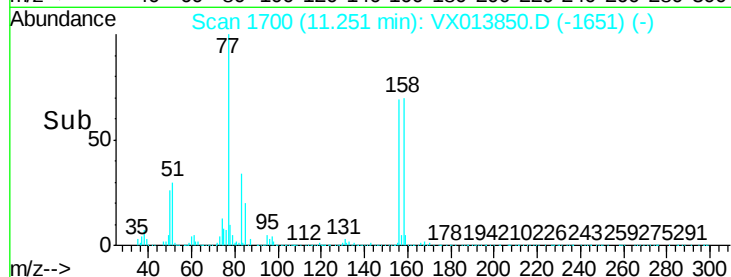
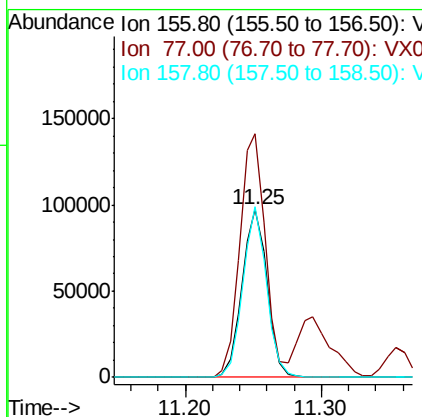
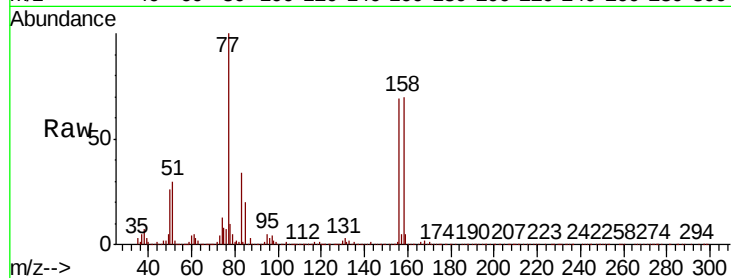
ClientSampleId :

VX1209WBS01

Tot Ion:	156	Resp:	124415
Ion Ratio	Lower	Upper	
156	100		
77	149.2	74.4	223.1
158	96.5	48.9	146.6

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#78

n-propylbenzene

Concen: 17.438 ug/l

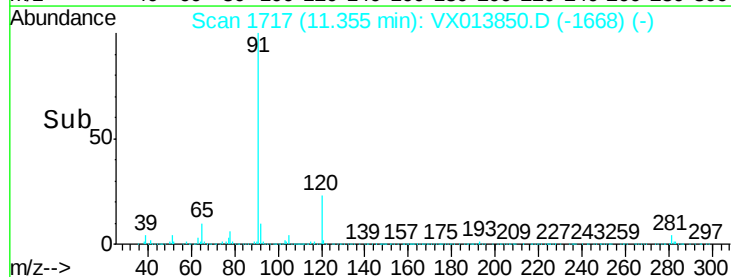
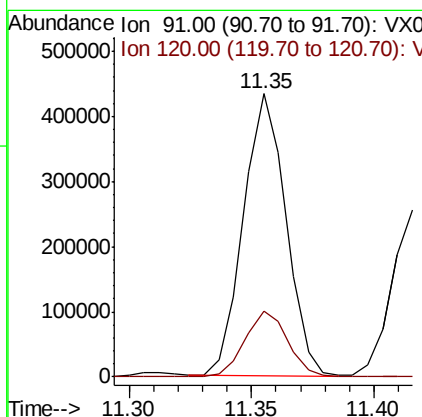
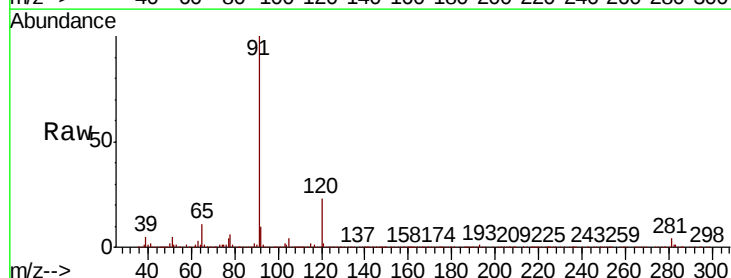
RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

Tgt Ion:	91	Resp:	523238
Ion Ratio	Lower	Upper	
91	100		
120	23.3	11.8	35.3





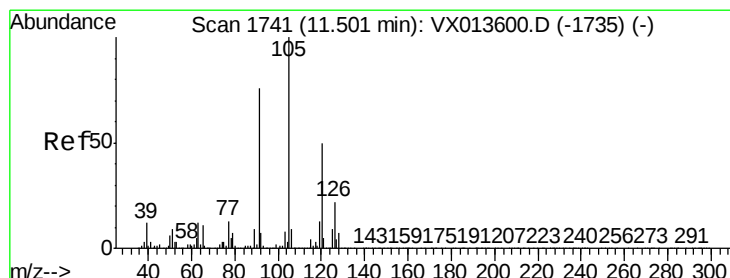
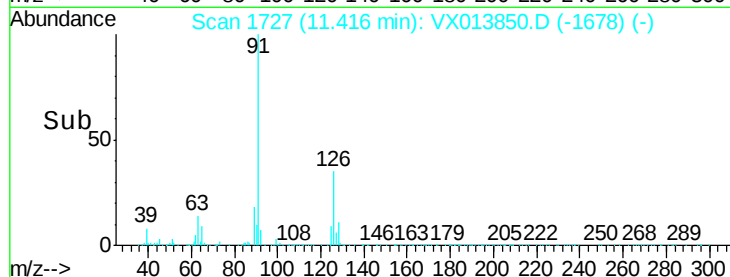
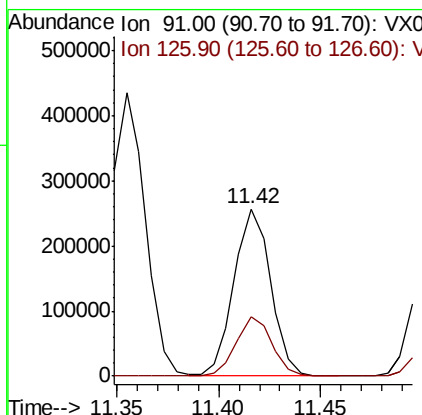
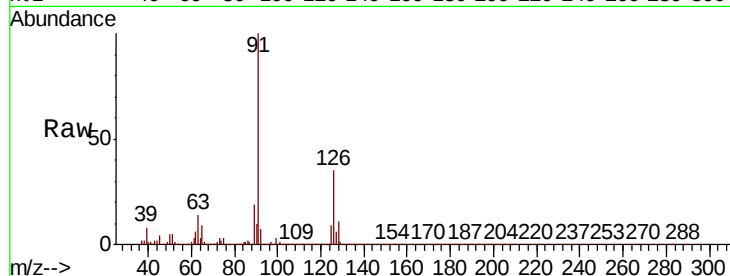
#79
 2-Chlorotoluene
 Concen: 17.789 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX013850.D
 Acq: 09 Dec 2019 14:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBS01

Tot Ion: 91 Resp: 320199
 Ion Ratio Lower Upper
 91 100
 126 34.7 17.5 52.5

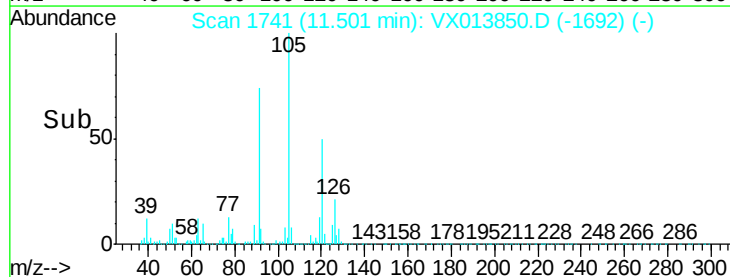
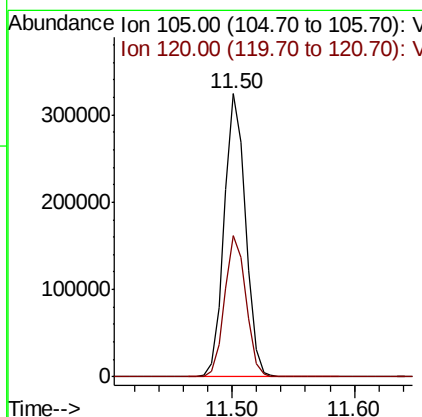
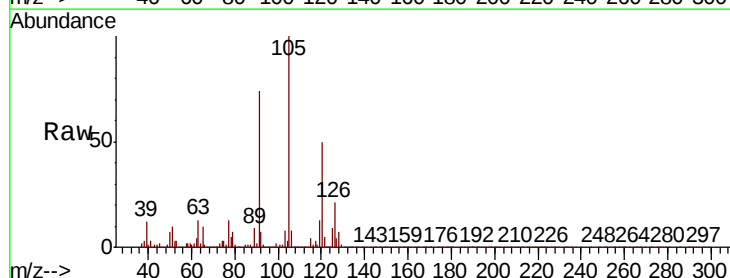
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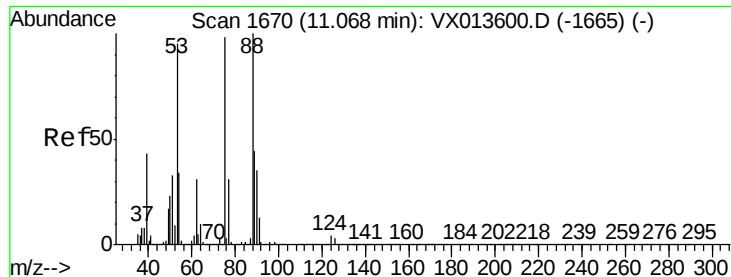
apatel
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#80
 1,3,5-Trimethylbenzene
 Concen: 17.693 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX013850.D
 Acq: 09 Dec 2019 14:37

Tgt Ion: 105 Resp: 389778
 Ion Ratio Lower Upper
 105 100
 120 49.8 25.3 75.9





#81

trans-1,4-Dichloro-2-butene

Concen: 15.151 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

Instrument :

MSVOA_X

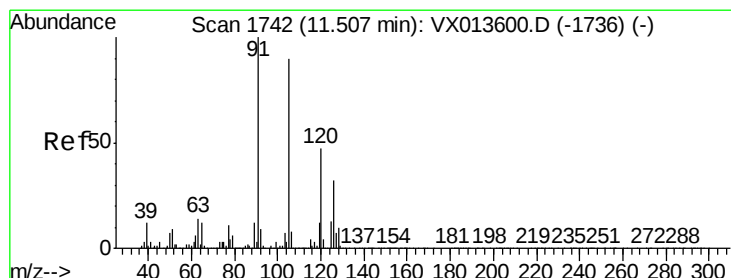
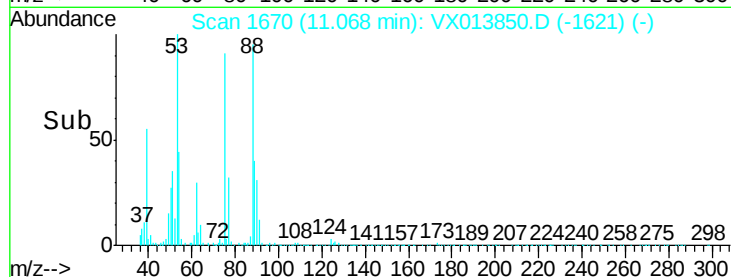
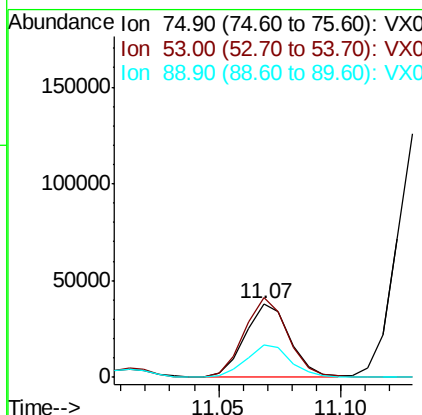
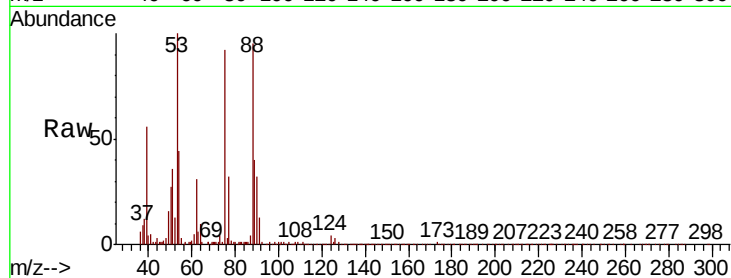
ClientSampleId :

VX1209WBS01

Tot Ion:	75	Resp:	47731
Ion Ratio	Lower	Upper	
75	100		
53	106.8	78.2	117.2
89	43.7	35.4	53.2

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#82

4-Chlorotoluene

Concen: 17.229 ug/l

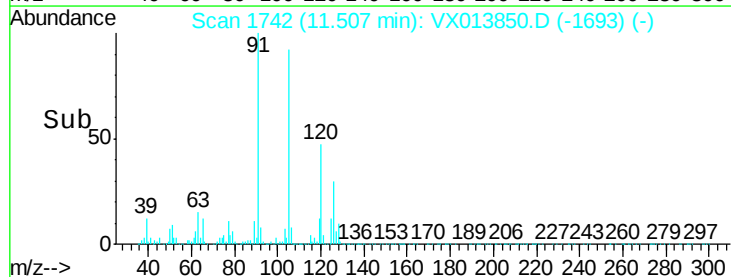
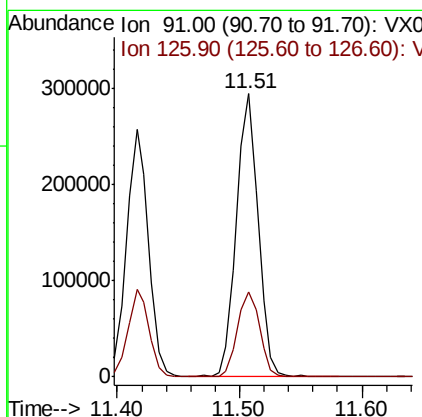
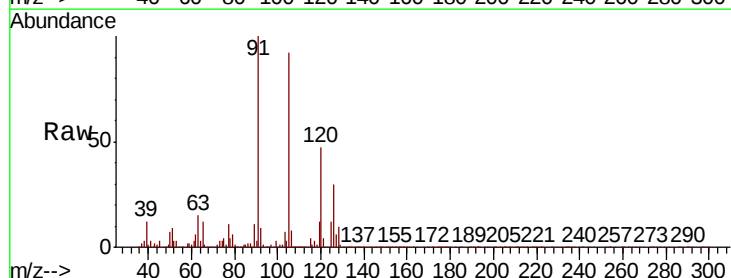
RT: 11.51 min Scan# 1742

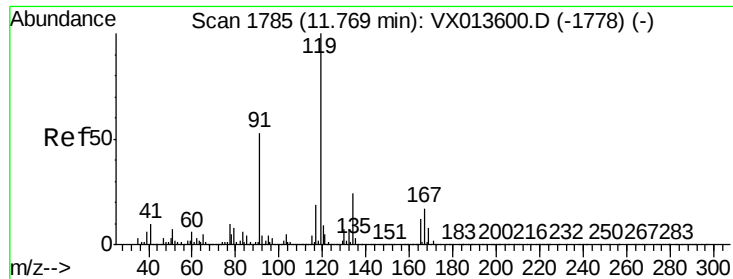
Delta R.T. 0.00 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

Tgt Ion:	91	Resp:	359173
Ion Ratio	Lower	Upper	
91	100		
126	31.0	15.7	47.0





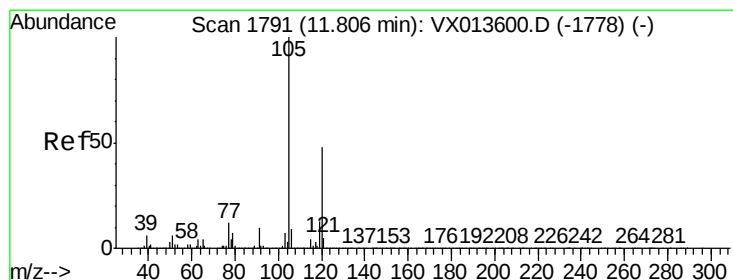
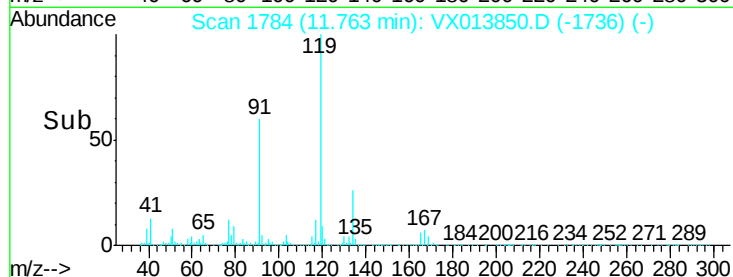
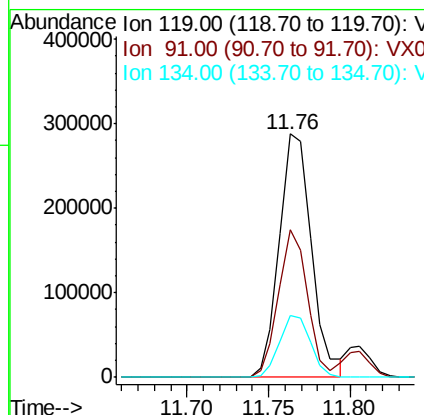
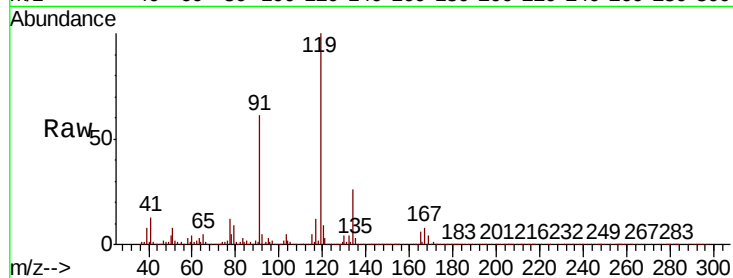
#83
 tert-Butylbenzene
 Concen: 17.592 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX013850.D
 Acq: 09 Dec 2019 14:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	393878		
91	54.2	27.2	81.6	
134	24.3	11.7	35.1	

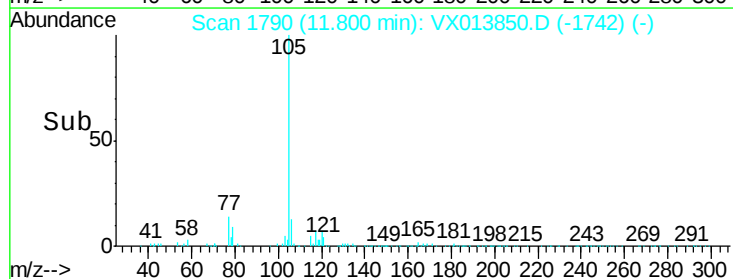
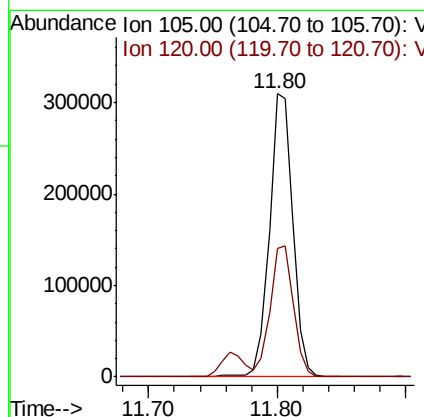
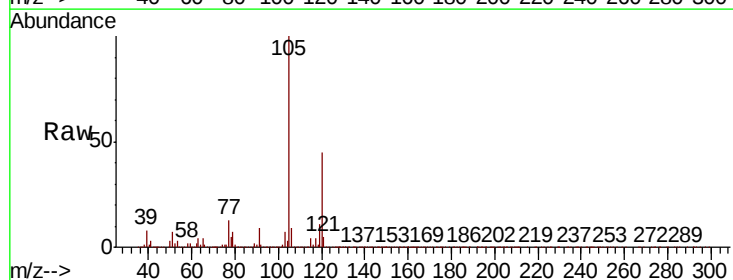
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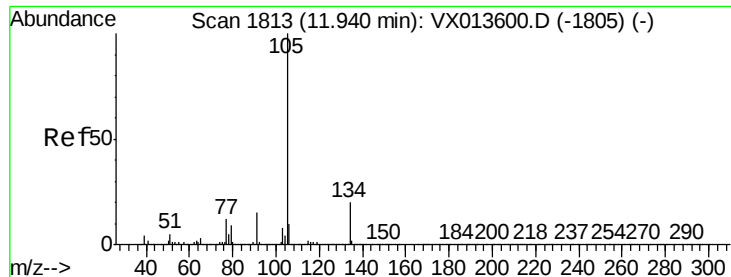
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#84
 1,2,4-Trimethylbenzene
 Concen: 17.490 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX013850.D
 Acq: 09 Dec 2019 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	391054		
120	46.1	23.1	69.3	





#85

sec-Butylbenzene

Concen: 17.401 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBS01

Tot Ion:105 Resp: 445005

Ion Ratio Lower Upper

105 100

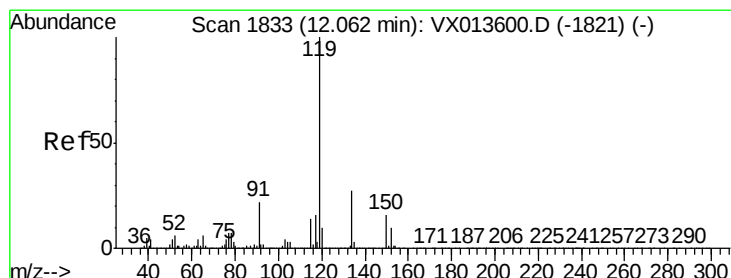
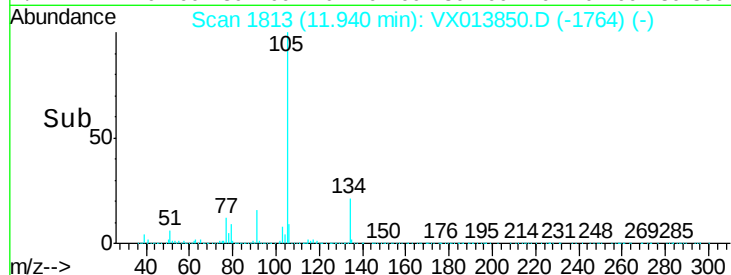
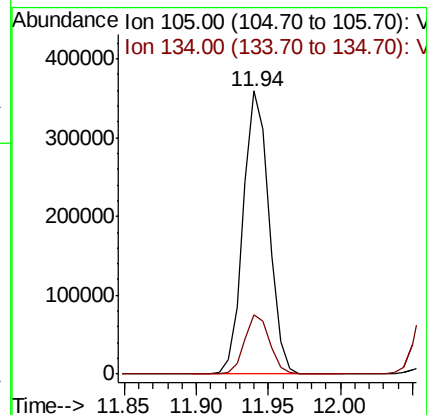
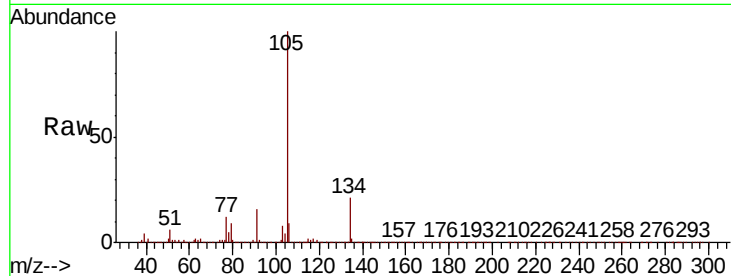
134 20.5 10.4 31.2

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#86

p-Isopropyltoluene

Concen: 17.032 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

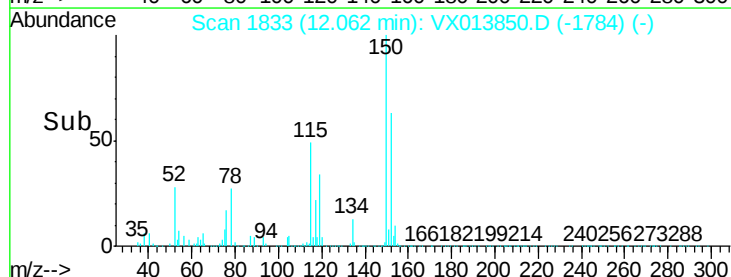
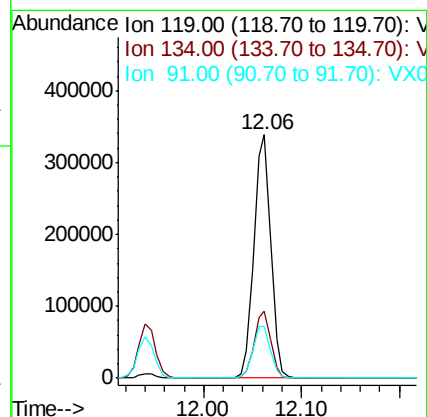
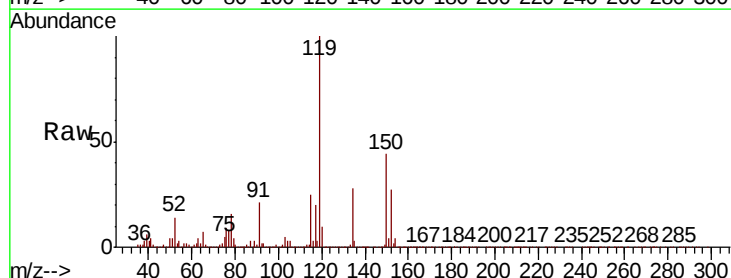
Tgt Ion:119 Resp: 405191

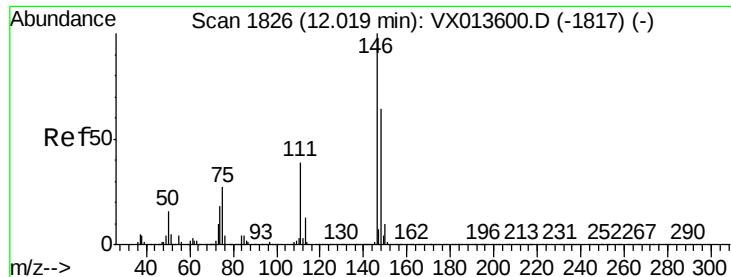
Ion Ratio Lower Upper

119 100

134 27.1 13.3 39.9

91 22.2 11.3 33.8





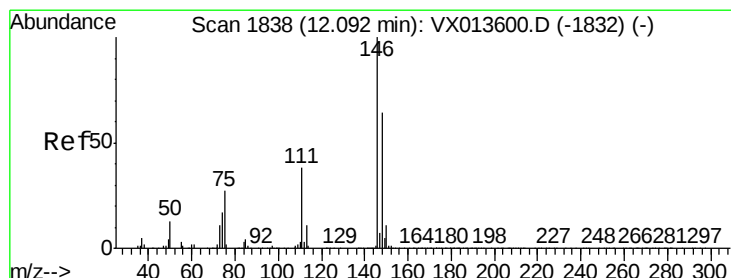
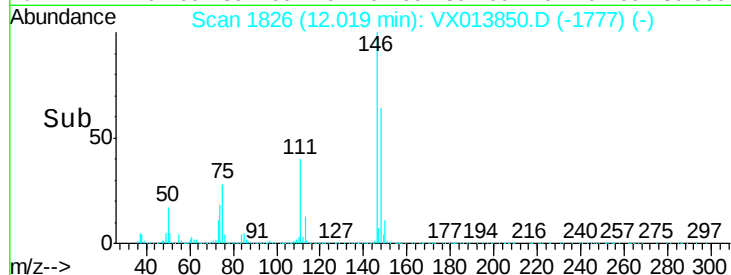
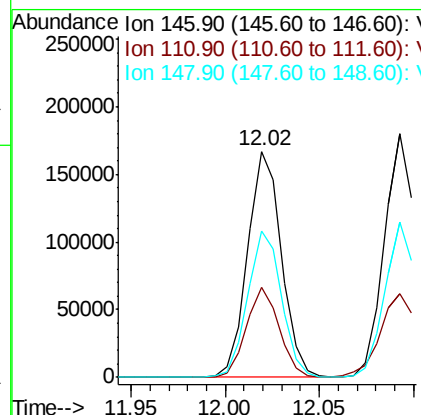
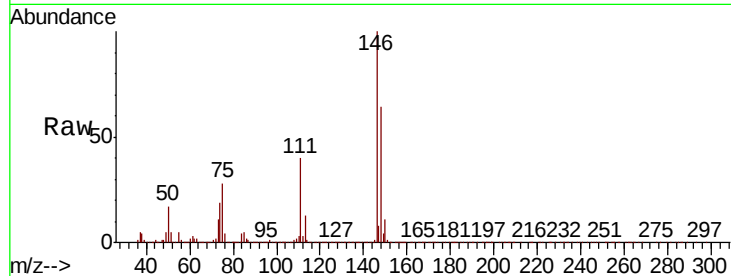
#87
 1,3-Dichlorobenzene
 Concen: 16.439 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013850.D
 Acq: 09 Dec 2019 14:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.0	57.0
148	64.7	31.8	95.4

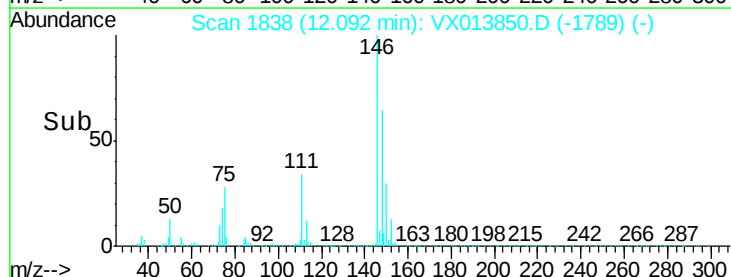
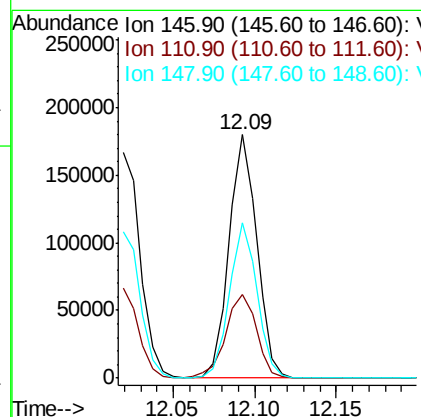
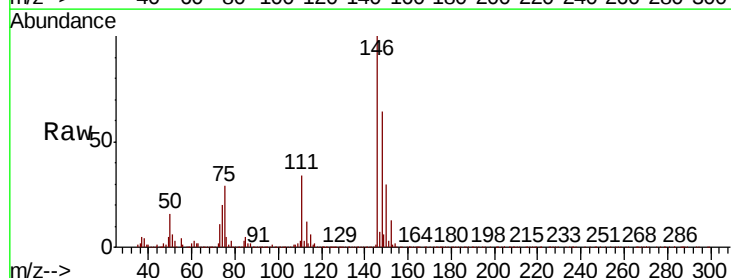
Manual Integrations
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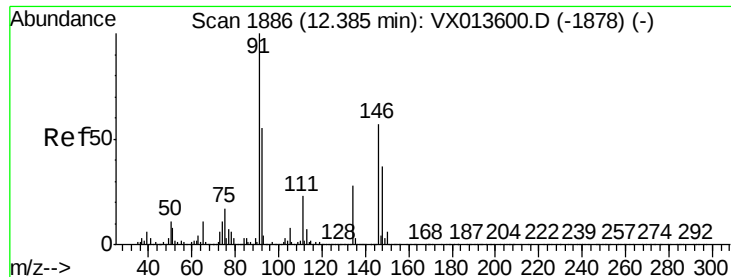
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#88
 1,4-Dichlorobenzene
 Concen: 16.524 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013850.D
 Acq: 09 Dec 2019 14:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.9	56.9
148	63.3	31.9	95.5





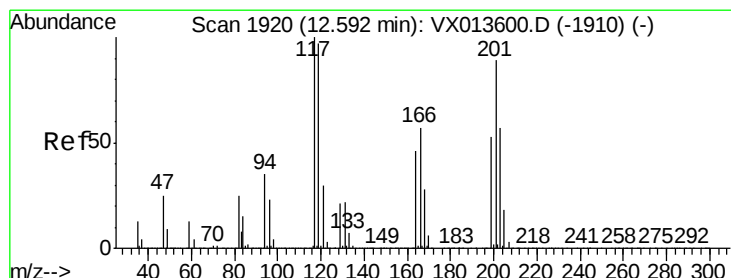
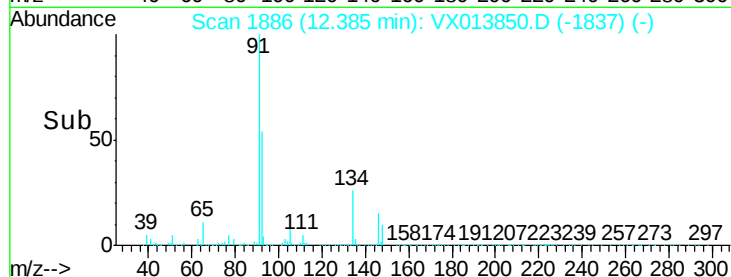
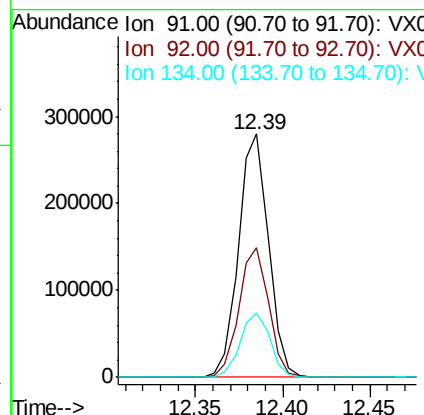
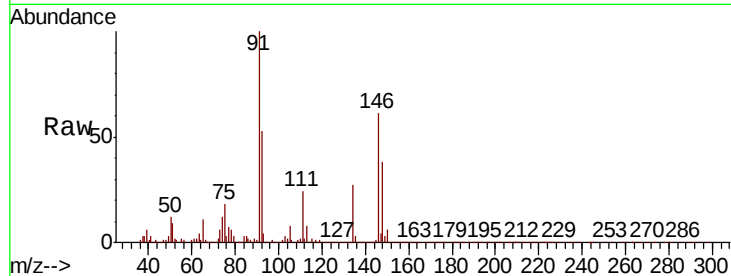
#89
n-Butylbenzene
Concen: 16.430 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013850.D
Acq: 09 Dec 2019 14:37

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.9	27.4	82.2
134	26.4	13.5	40.4

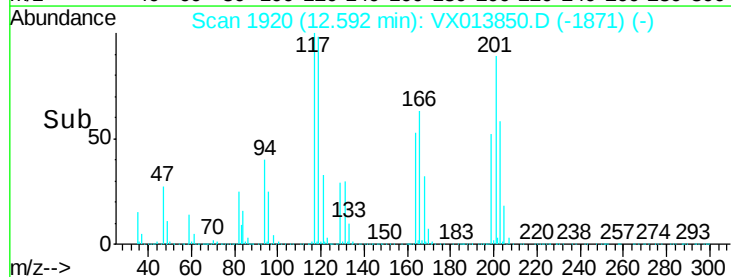
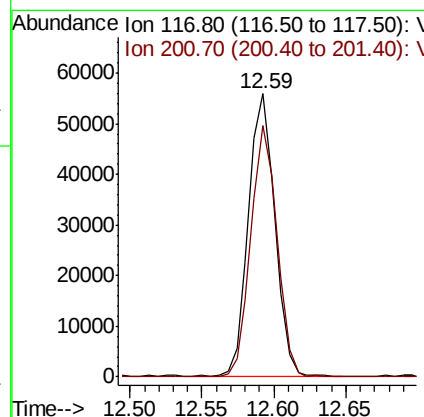
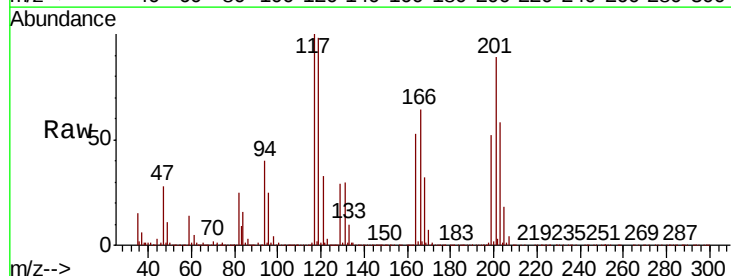
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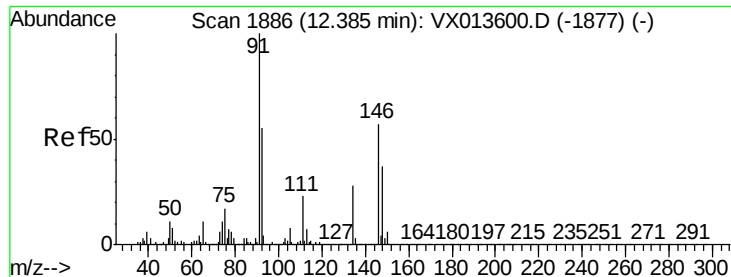
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#90
Hexachloroethane
Concen: 16.631 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013850.D
Acq: 09 Dec 2019 14:37

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.4	44.1	132.4





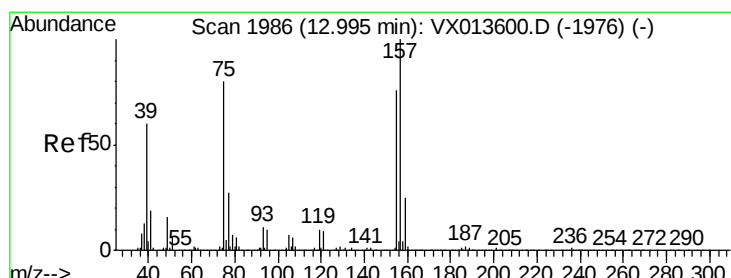
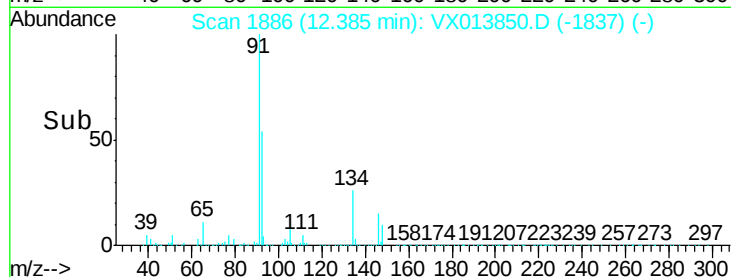
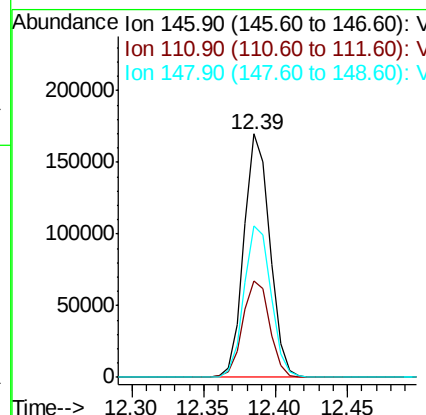
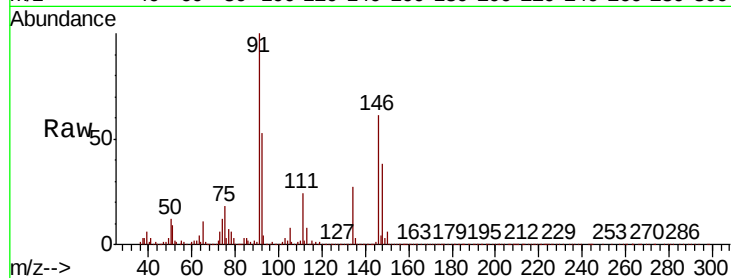
#91
 1,2-Dichlorobenzene
 Concen: 17.045 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013850.D
 Acq: 09 Dec 2019 14:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	19.6	58.7
148	64.5	31.9	95.7

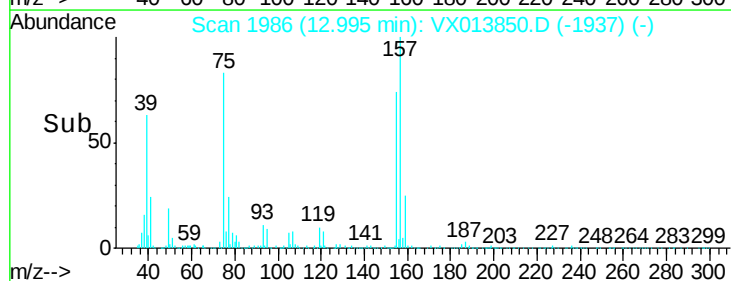
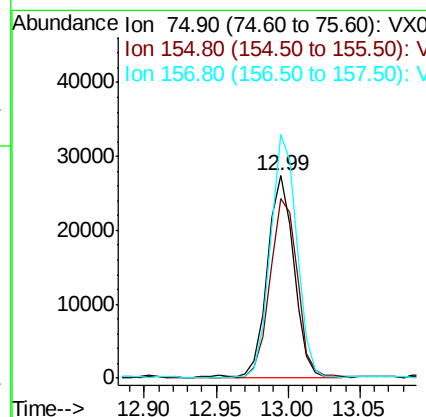
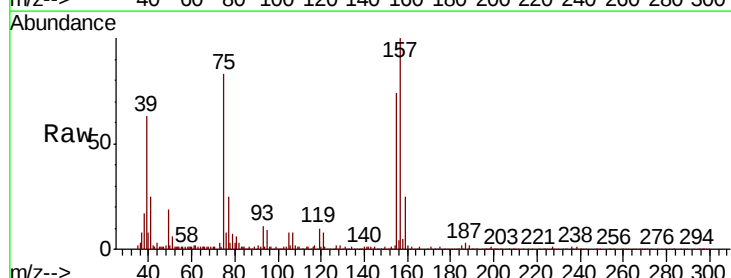
Manual Integrations
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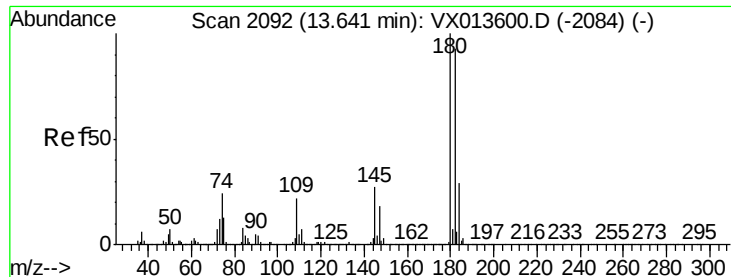
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.414 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX013850.D
 Acq: 09 Dec 2019 14:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.6	47.6	142.8
157	119.0	62.1	186.2





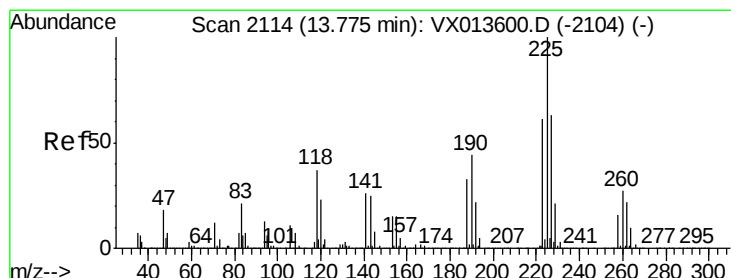
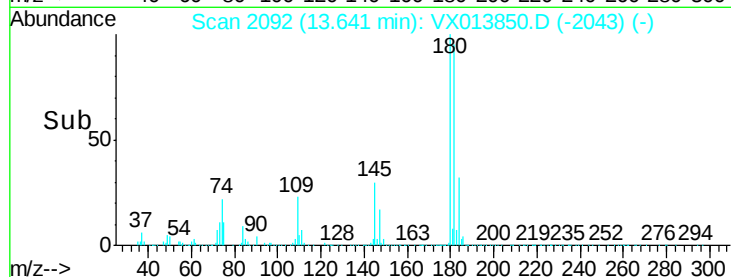
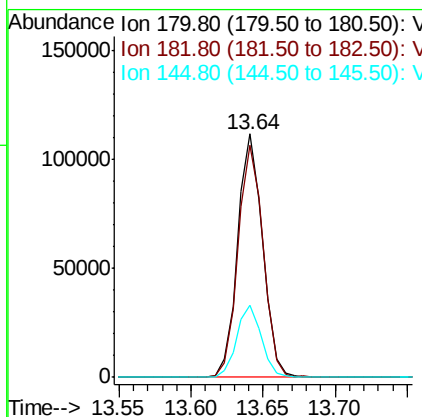
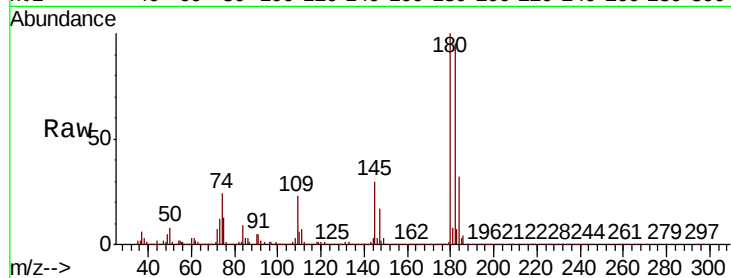
#93
 1,2,4-Trichlorobenzene
 Concen: 15.439 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013850.D
 Acq: 09 Dec 2019 14:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.2	47.2	141.6	
145	29.7	13.8	41.4	

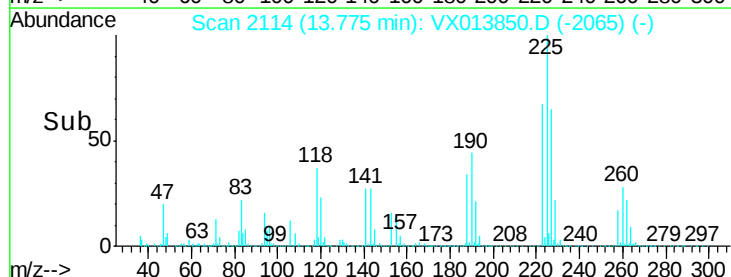
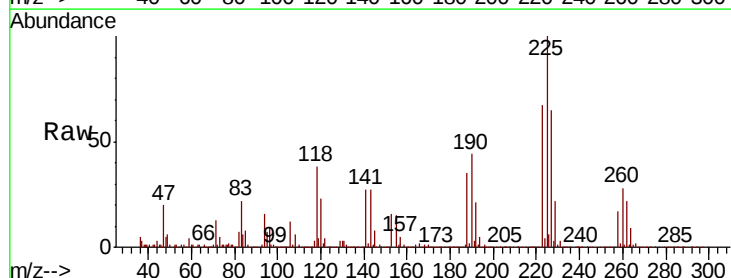
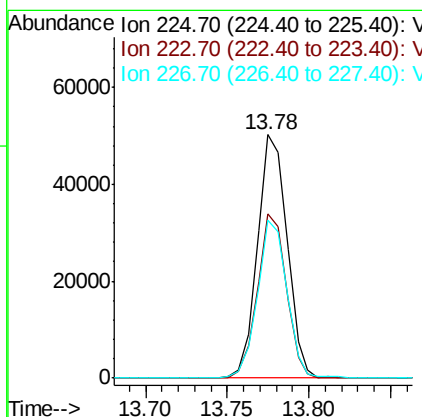
Manual Integrations
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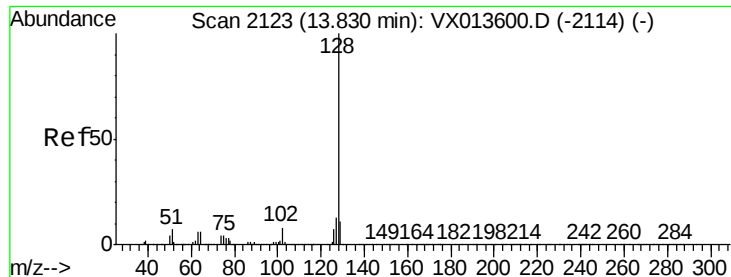
apatel
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#94
 Hexachlorobutadiene
 Concen: 15.289 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX013850.D
 Acq: 09 Dec 2019 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	65.8	31.9	95.5	
227	64.4	32.1	96.3	





#95

Naphthalene

Concen: 16.275 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

Instrument :

MSVOA_X

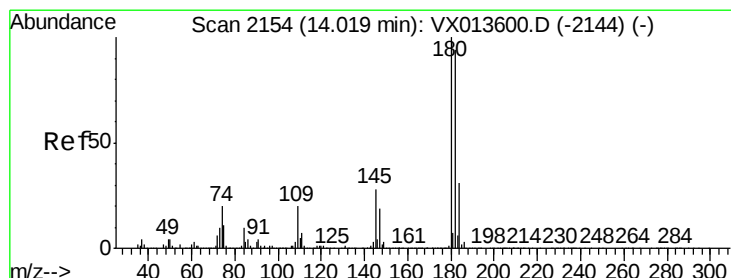
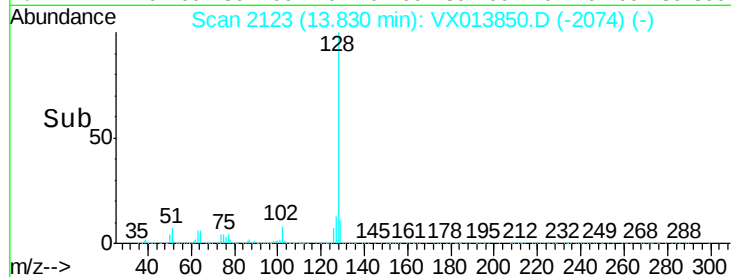
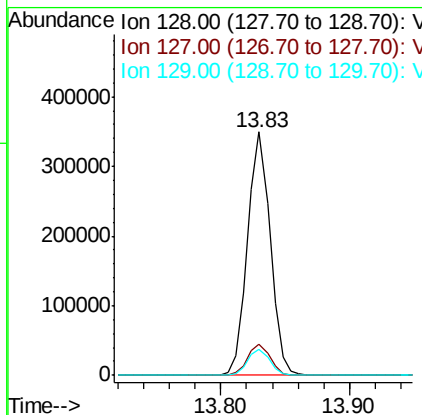
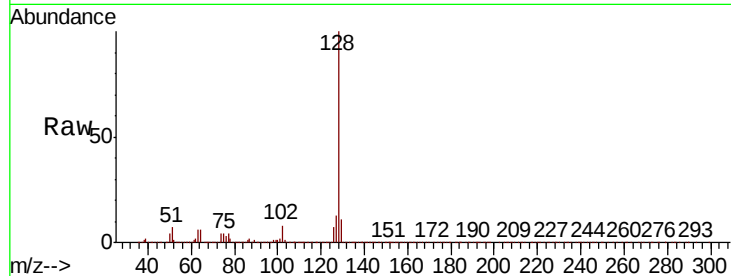
ClientSampleId :

VX1209WBS01

Tot Ion:	128	Resp:	422443
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.3	15.5
129	10.8	8.7	13.1

Manual Integrations
APPROVED

apatel
12/11/2019 8:54:32 AM



#96

1,2,3-Trichlorobenzene

Concen: 16.267 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.01 min

Lab File: VX013850.D

Acq: 09 Dec 2019 14:37

Tgt Ion:	180	Resp:	140386
Ion Ratio	Lower	Upper	
180	100		
182	95.7	47.6	142.8
145	29.4	15.0	45.0

