

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120919\
 Data File : VX013885.D
 Acq On : 10 Dec 2019 09:12
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
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 12/11/2019 8:55:22 AM

Quant Time: Dec 10 10:17:03 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	574242	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	887207	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	808170	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	403025	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	314527	47.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.38%	
35) Dibromofluoromethane	5.48	113	266058	48.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.02%	
50) Toluene-d8	8.71	98	995655	46.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.18%	
62) 4-Bromofluorobenzene	11.13	95	371716	48.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	290545	45.457	ug/l	97
3) Chloromethane	1.32	50	338117	47.145	ug/l	99
4) Vinyl Chloride	1.40	62	398635	49.384	ug/l	99
5) Bromomethane	1.63	94	242318	44.700	ug/l	95
6) Chloroethane	1.71	64	219631	47.814	ug/l	96
7) Trichlorofluoromethane	1.92	101	422742	47.164	ug/l	99
8) Diethyl Ether	2.18	74	195883	48.305	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	269341	49.195	ug/l	99
10) Methyl Iodide	2.50	142	326336	49.275	ug/l	99
11) Tert butyl alcohol	3.03	59	328866	199.882	ug/l	100
12) 1,1-Dichloroethene	2.36	96	273859	50.113	ug/l	96
13) Acrolein	2.28	56	249842	227.612	ug/l	99
14) Allyl chloride	2.72	41	453145	45.692	ug/l	99
15) Acrylonitrile	3.12	53	810201	238.562	ug/l	100
16) Acetone	2.43	43	715875	217.531	ug/l	99
17) Carbon Disulfide	2.56	76	658355	42.260	ug/l	99
18) Methyl Acetate	2.76	43	471723	51.476	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	896565	49.523	ug/l	99
20) Methylene Chloride	2.84	84	304088	48.097	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	283259	47.579	ug/l	100
22) Diisopropyl ether	3.84	45	958629	50.200	ug/l	97
23) Vinyl Acetate	3.79	43	3660401	230.415	ug/l	100
24) 1,1-Dichloroethane	3.69	63	518535	49.671	ug/l	98
25) 2-Butanone	4.65	43	1111652	227.289	ug/l	100
26) 2,2-Dichloropropane	4.57	77	259632	30.060	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	325978	47.679	ug/l	95
28) Bromochloromethane	5.00	49	222734	53.992	ug/l	97
29) Tetrahydrofuran	5.11	42	722555	239.645	ug/l	99
30) Chloroform	5.19	83	507974	47.980	ug/l	98
31) Cyclohexane	5.56	56	448699	45.570	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	426564	48.214	ug/l	100
36) 1,1-Dichloropropene	5.78	75	378692	47.021	ug/l	100
37) Ethyl Acetate	4.81	43	433952	48.031	ug/l	99
38) Carbon Tetrachloride	5.77	117	367662	49.509	ug/l	98

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Manual Integrations
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Quant Time: Dec 10 10:17:03 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	7.45	83	440444	44.243	ug/l	98
40) Benzene	6.13	78	1161986	47.373	ug/l	99
41) Methacrylonitrile	5.02	41	249730	50.400	ug/l	99
42) 1,2-Dichloroethane	6.18	62	408116	48.787	ug/l	100
43) Isopropyl Acetate	6.43	43	711927	47.863	ug/l	100
44) Trichloroethene	7.20	130	321718	47.791	ug/l	97
45) 1,2-Dichloropropane	7.50	63	307592	50.121	ug/l	97
46) Dibromomethane	7.65	93	202000	48.463	ug/l	98
47) Bromodichloromethane	7.89	83	396547	50.326	ug/l	98
48) Methyl methacrylate	7.76	41	358592	49.618	ug/l	99
49) 1,4-Dioxane	7.73	88	131205	811.058	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	2243309	239.764	ug/l	99
52) Toluene	8.78	92	739307	48.517	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	412406	45.982	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	458874	46.830	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	307324	50.047	ug/l	98
56) Ethyl methacrylate	9.17	69	484650	49.090	ug/l	100
57) 1,3-Dichloropropane	9.36	76	514027	48.564	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	939765	242.781	ug/l	100
59) 2-Hexanone	9.48	43	1700509	233.035	ug/l	99
60) Dibromochloromethane	9.57	129	324015	50.844	ug/l	99
61) 1,2-Dibromoethane	9.67	107	318875	48.620	ug/l	99
64) Tetrachloroethene	9.33	164	359860	59.710	ug/l	97
65) Chlorobenzene	10.13	112	798185	47.570	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	301329	50.011	ug/l	99
67) Ethyl Benzene	10.25	91	1408971	48.866	ug/l	98
68) m/p-Xylenes	10.35	106	1070292	96.956	ug/l	99
69) o-Xylene	10.70	106	520696	48.364	ug/l	99
70) Styrene	10.71	104	904594	49.948	ug/l	99
71) Bromoform	10.85	173	249507	50.047	ug/l #	100
73) Isopropylbenzene	11.01	105	1384557	48.975	ug/l	100
74) N-amyl acetate	10.89	43	642311	49.598	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	473118	48.257	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	437075m	48.217	ug/l	
77) Bromobenzene	11.25	156	362806	47.504	ug/l	99
78) n-propylbenzene	11.35	91	1569121	49.721	ug/l	100
79) 2-Chlorotoluene	11.42	91	926361	48.933	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1155038	49.850	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	132537	40.001	ug/l	99
82) 4-Chlorotoluene	11.51	91	1072025	48.892	ug/l	99
83) tert-Butylbenzene	11.76	119	1093351	46.431	ug/l	95
84) 1,2,4-Trimethylbenzene	11.80	105	1150781	48.937	ug/l	99
85) sec-Butylbenzene	11.94	105	1341959	49.893	ug/l	99
86) p-Isopropyltoluene	12.06	119	1222007	48.837	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	638054	47.926	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	641845	47.332	ug/l	99
89) n-Butylbenzene	12.38	91	1070908	50.180	ug/l	99
90) Hexachloroethane	12.59	117	228737	50.574	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	640980	48.729	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	100367	47.010	ug/l	99

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 43 Sample Multiplier: 1

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MSVOA_X
ClientSampleId :
VSTDCCC050EC

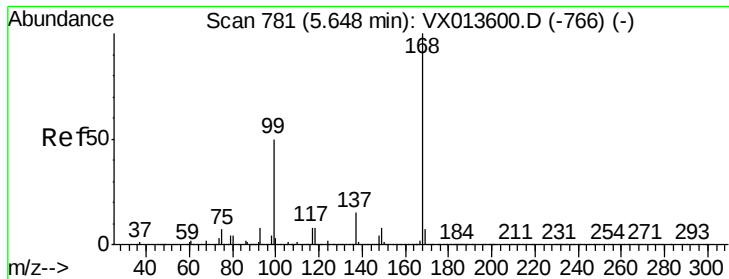
Manual Integrations
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Quant Time: Dec 10 10:17:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	440430	48.043	ug/l	100
94) Hexachlorobutadiene	13.77	225	206791	46.957	ug/l	98
95) Naphthalene	13.83	128	1352409	49.537	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	437931	48.247	ug/l	99

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



#1

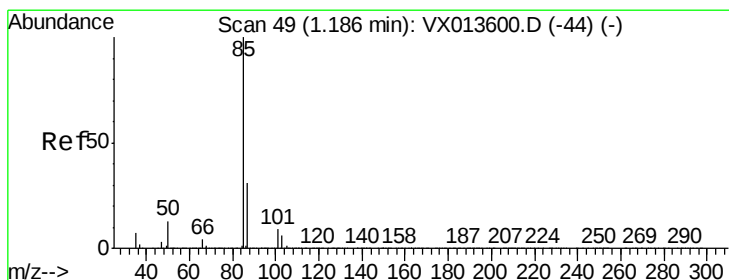
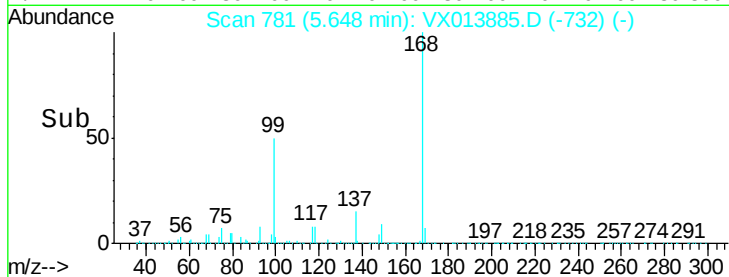
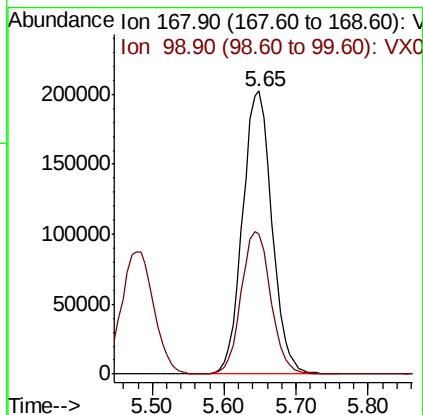
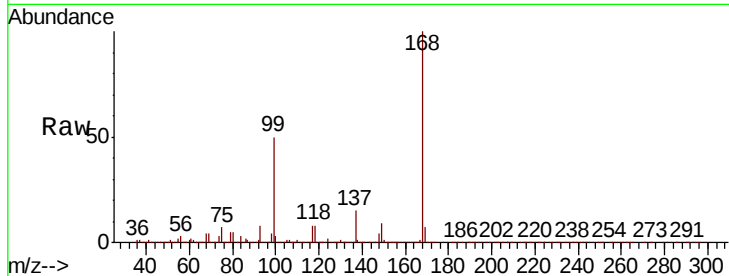
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.00 min
Lab File: VX013885.D
Acq: 10 Dec 2019 09:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
168	100		
99	49.5	39.8	59.8

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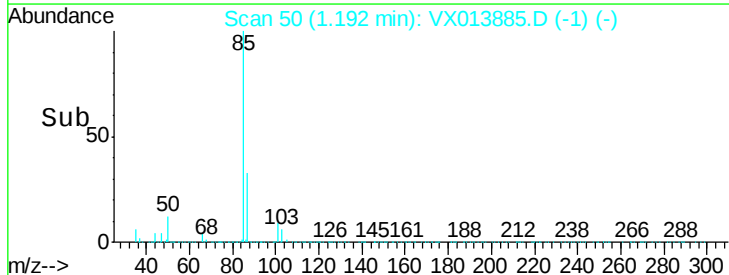
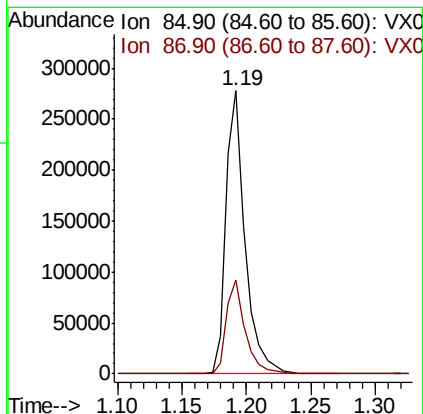
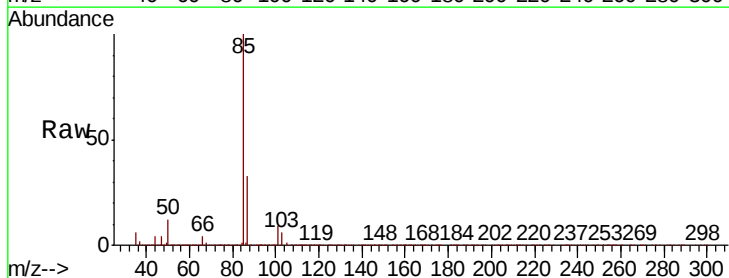
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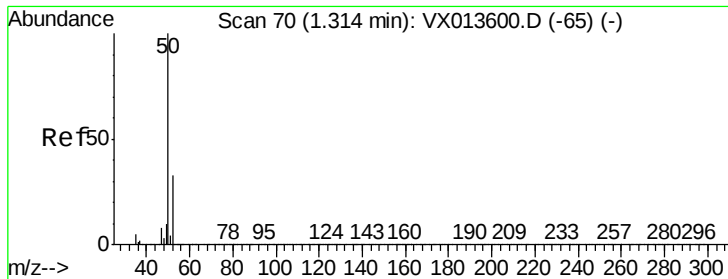


#2

Dichlorodifluoromethane
Concen: 45.457 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.01 min
Lab File: VX013885.D
Acq: 10 Dec 2019 09:12

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.1	15.7	47.1





#3

Chloromethane

Concen: 47.145 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

Instrument :

MSVOA_X

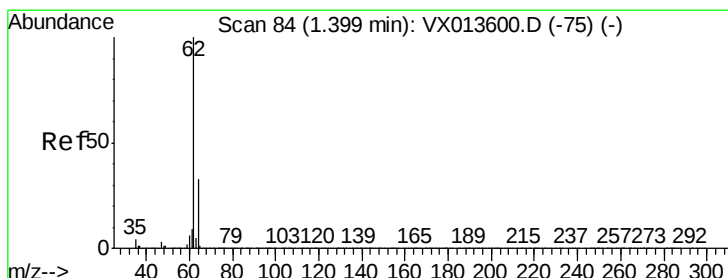
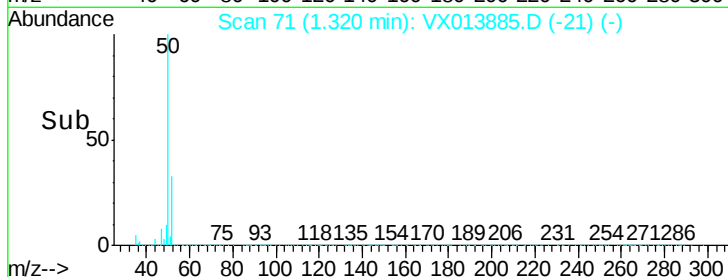
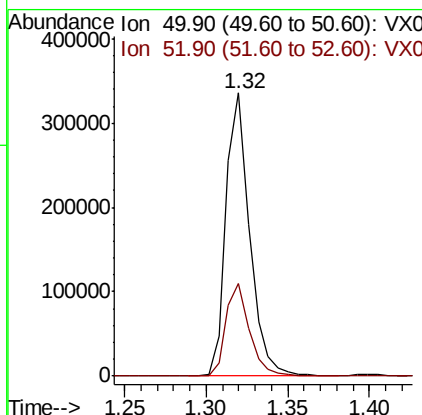
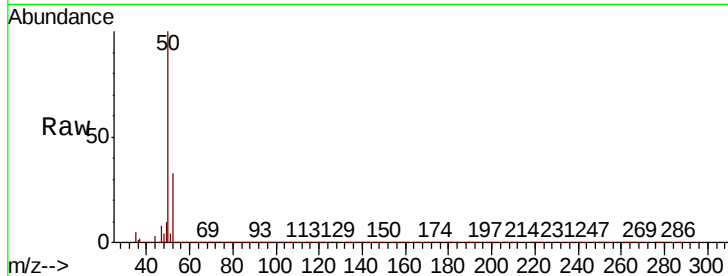
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
50	100		
52	32.8	26.0	39.0

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#4

Vinyl Chloride

Concen: 49.384 ug/l

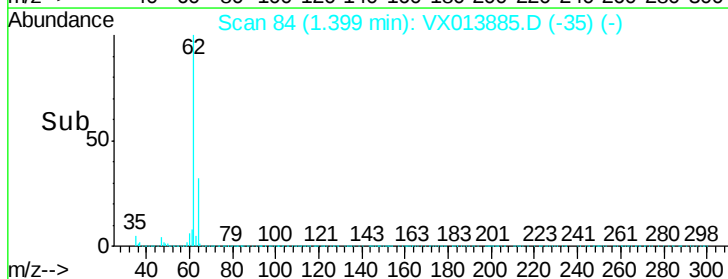
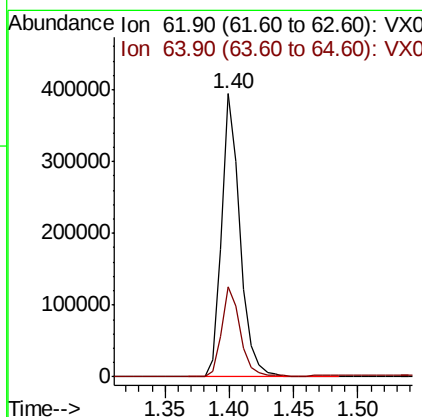
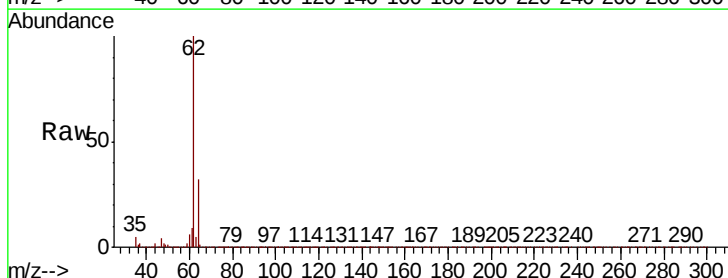
RT: 1.40 min Scan# 84

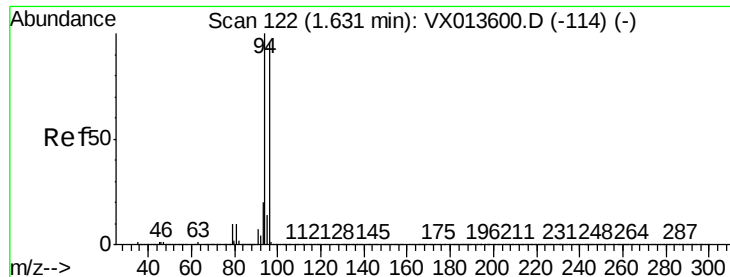
Delta R.T. -0.00 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

Tgt Ion	Ratio	Lower	Upper
62	100		
64	31.7	26.0	39.0





#5

Bromomethane

Concen: 44.700 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 242318

Ion Ratio Lower Upper

94 100

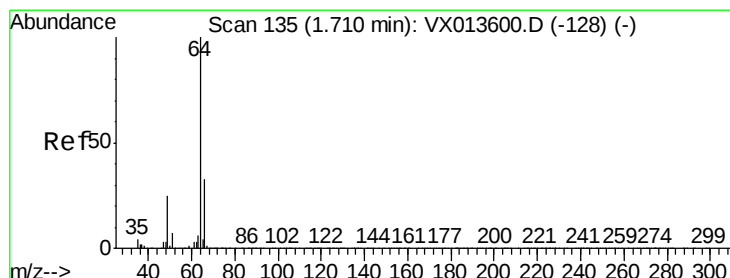
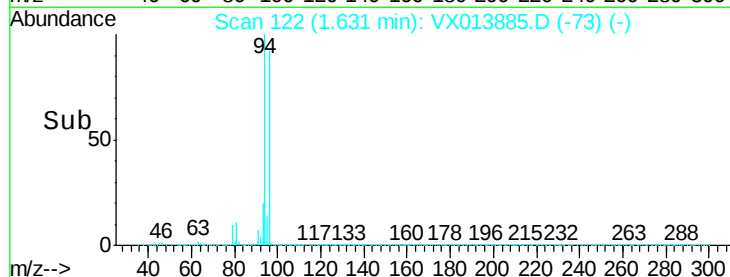
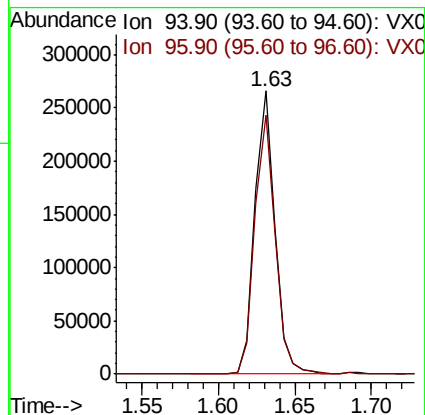
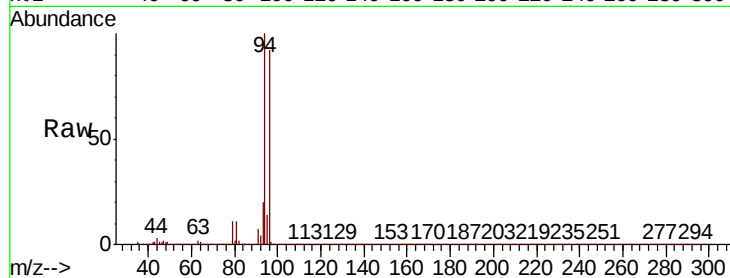
96 91.6 77.0 115.4

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#6

Chloroethane

Concen: 47.814 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX013885.D

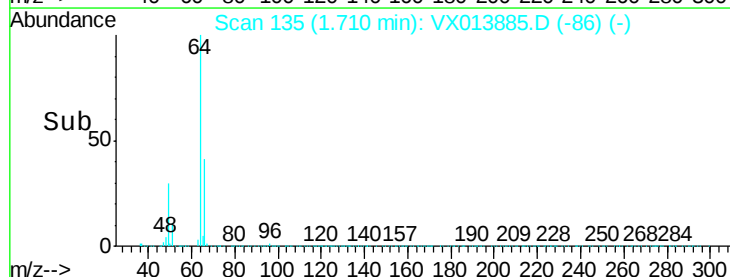
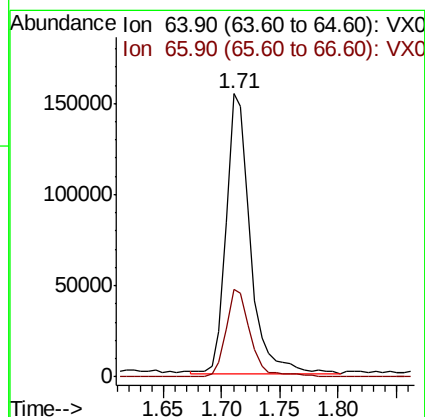
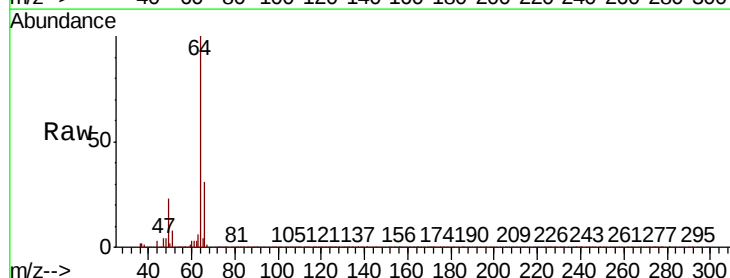
Acq: 10 Dec 2019 09:12

Tgt Ion: 64 Resp: 219631

Ion Ratio Lower Upper

64 100

66 30.9 26.7 40.1





#7

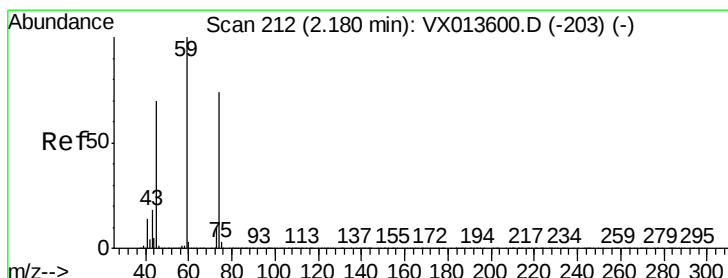
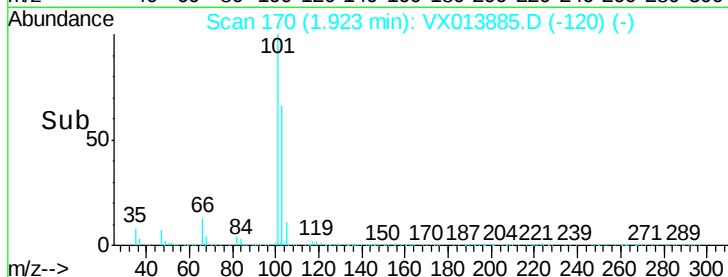
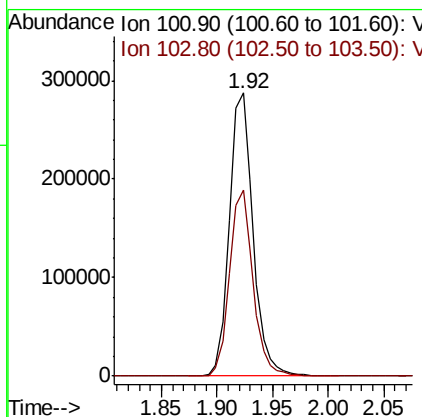
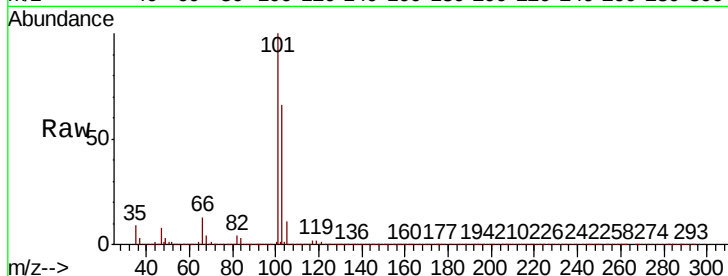
Trichlorofluoromethane
Concen: 47.164 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013885.D
Acq: 10 Dec 2019 09:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.6	51.8	77.6

Manual Integrations
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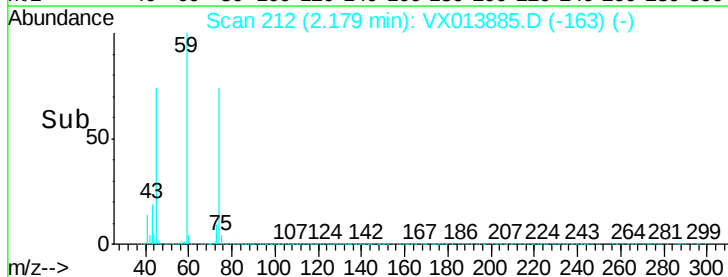
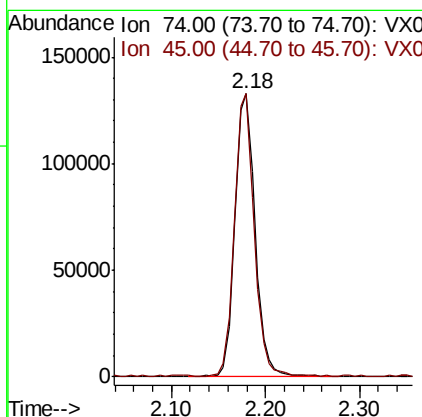
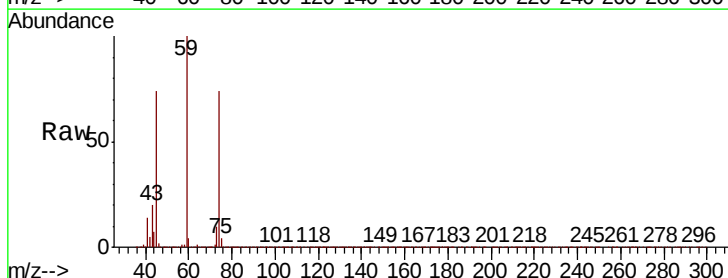
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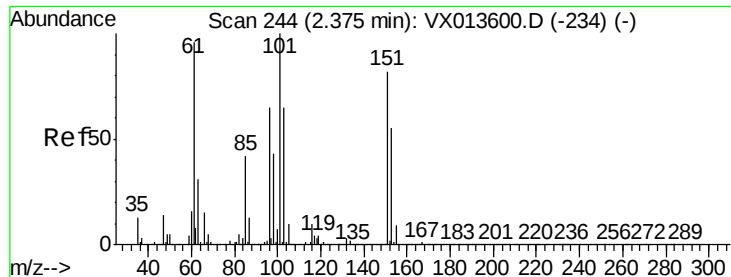


#8

Diethyl Ether
Concen: 48.305 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013885.D
Acq: 10 Dec 2019 09:12

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.4	48.9	146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.195 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

Instrument :

MSVOA_X

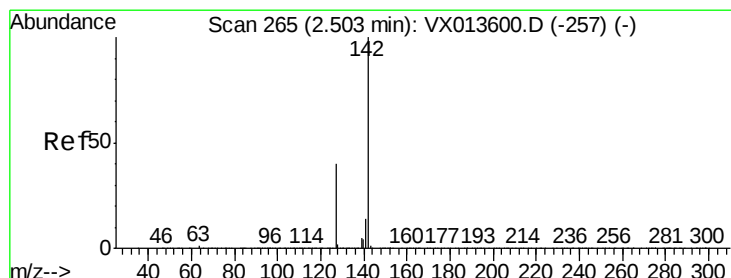
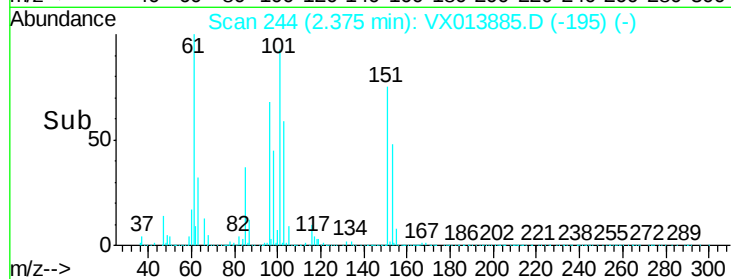
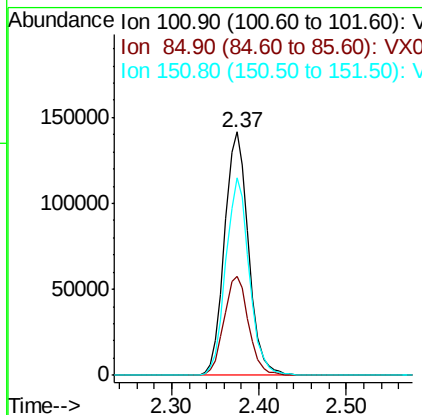
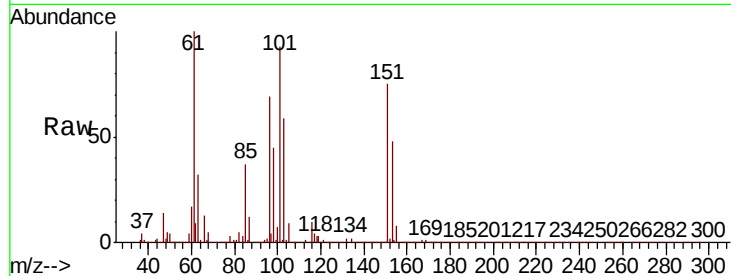
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	269341
Ion Ratio	Lower	Upper	
101	100		
85	41.0	33.9	50.9
151	79.3	64.2	96.2

Manual Integrations
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#10

Methyl Iodide

Concen: 49.275 ug/l

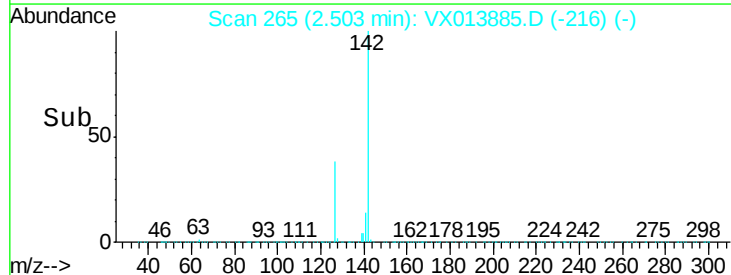
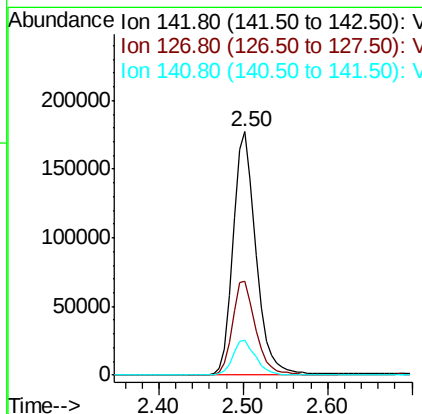
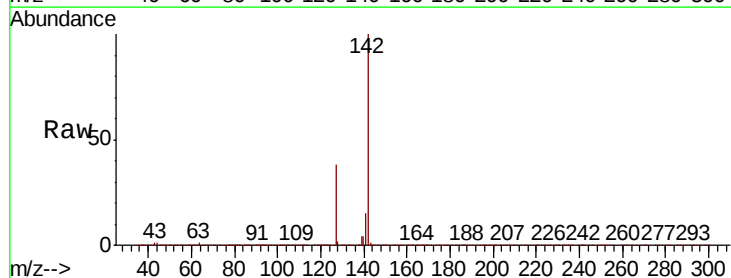
RT: 2.50 min Scan# 265

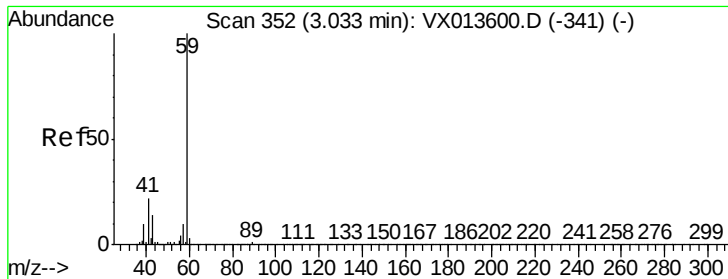
Delta R.T. -0.00 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

Tgt Ion:	142	Resp:	326336
Ion Ratio	Lower	Upper	
142	100		
127	39.1	31.0	46.4
141	14.6	11.6	17.4





#11

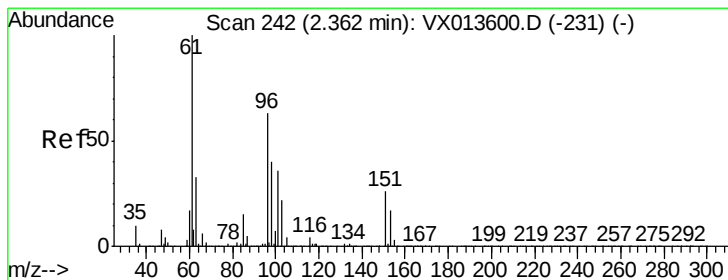
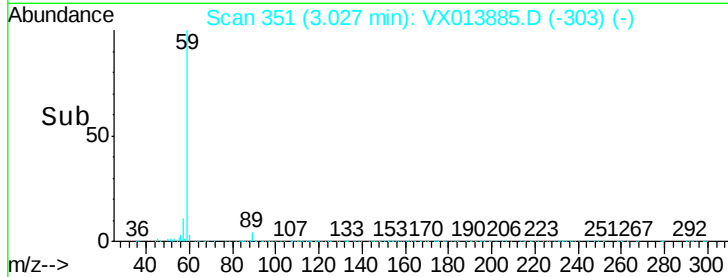
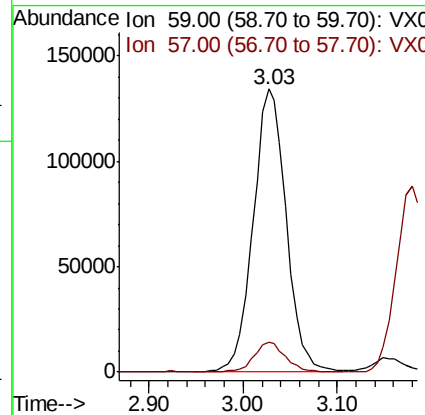
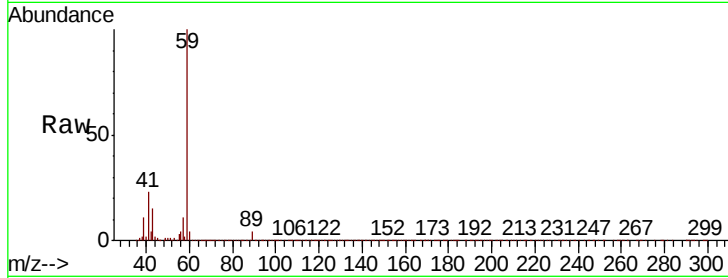
Tert butyl alcohol
Concen: 199.882 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013885.D
Acq: 10 Dec 2019 09:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.8	7.8	11.6

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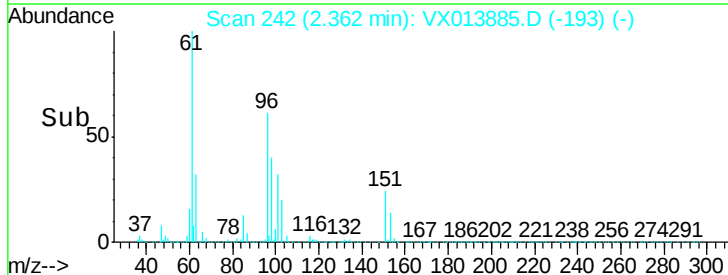
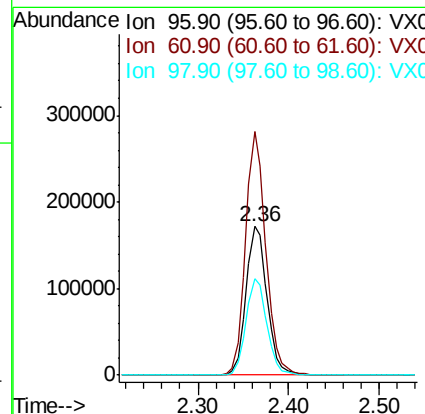
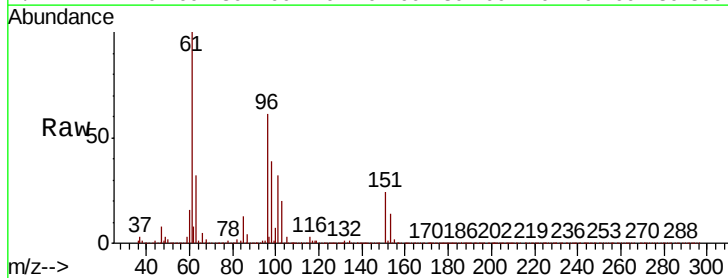
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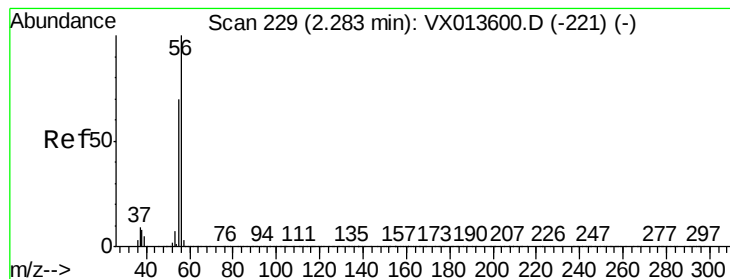


#12

1,1-Dichloroethene
Concen: 50.113 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013885.D
Acq: 10 Dec 2019 09:12

Tgt Ion	Ratio	Lower	Upper
96	100		
61	163.9	126.6	190.0
98	64.6	50.6	76.0





#13

Acrolein

Concen: 227.612 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 249842

Ion Ratio Lower Upper

56 100

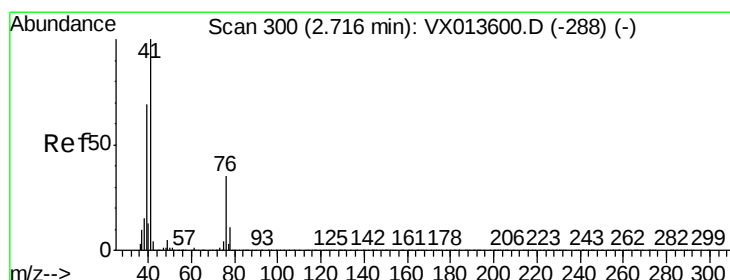
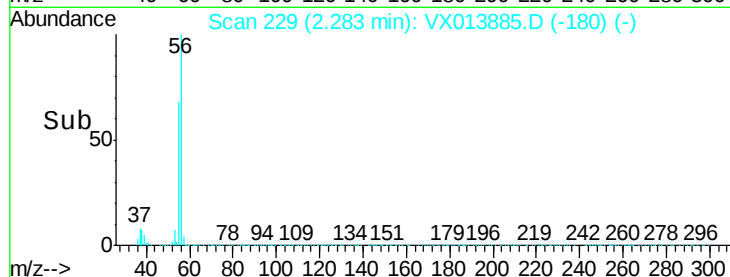
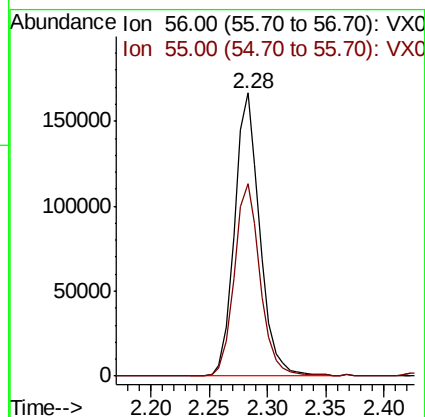
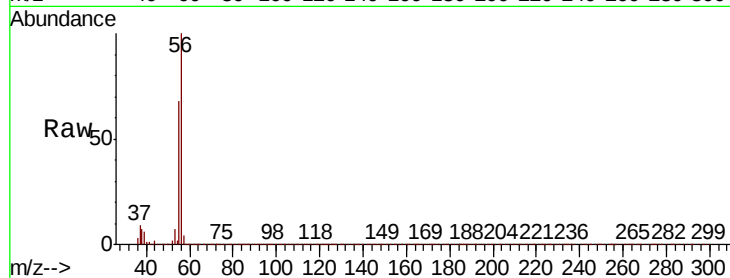
55 69.5 56.2 84.4

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#14

Allyl chloride

Concen: 45.692 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

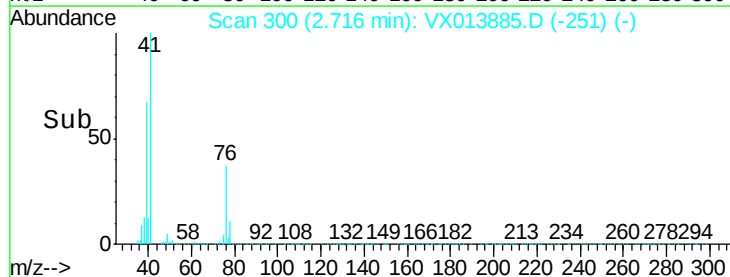
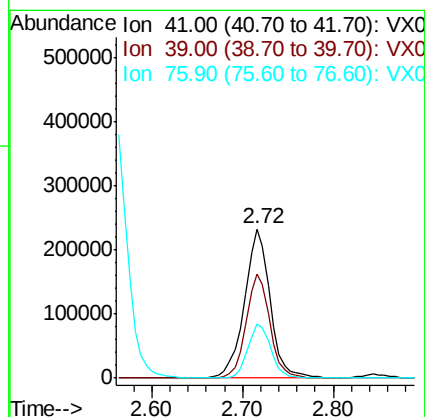
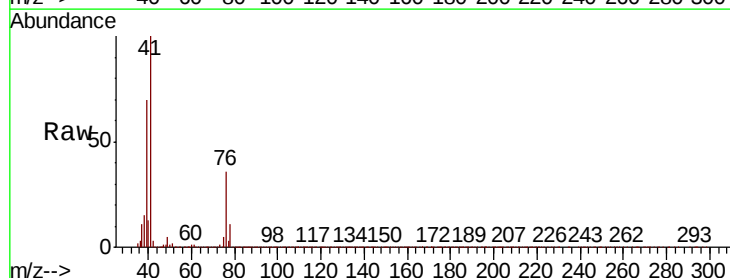
Tgt Ion: 41 Resp: 453145

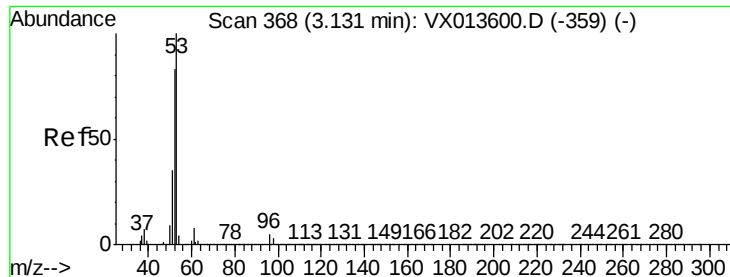
Ion Ratio Lower Upper

41 100

39 65.2 51.7 77.5

76 32.5 25.9 38.9





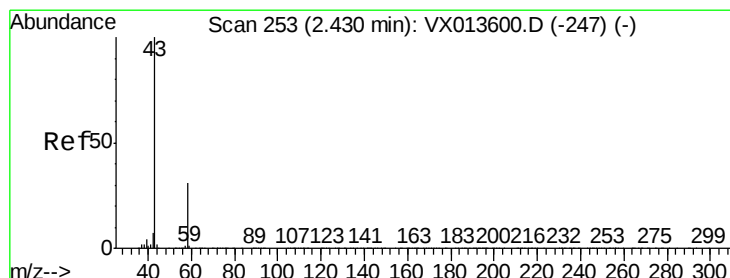
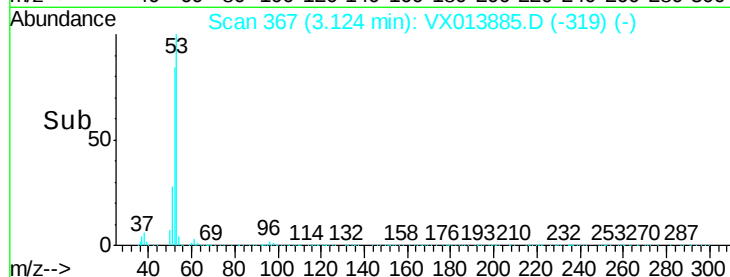
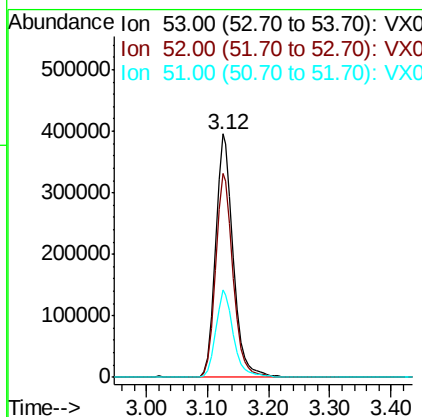
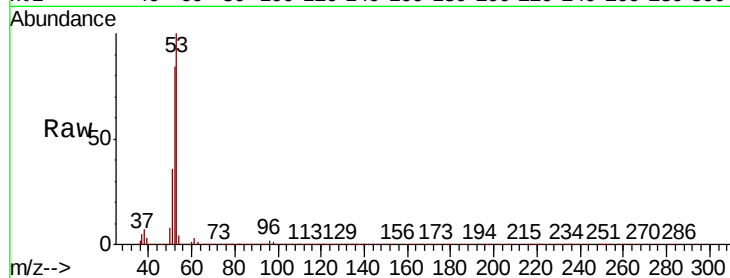
#15
 Acrylonitrile
 Concen: 238.562 ug/l
 RT: 3.12 min Scan# 367
 Delta R.T. -0.01 min
 Lab File: VX013885.D
 Acq: 10 Dec 2019 09:12

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Tot Ion:	53	Resp:	810201
Ion Ratio		Lower	Upper
53	100		
52	82.9	66.2	99.2
51	35.9	29.0	43.6

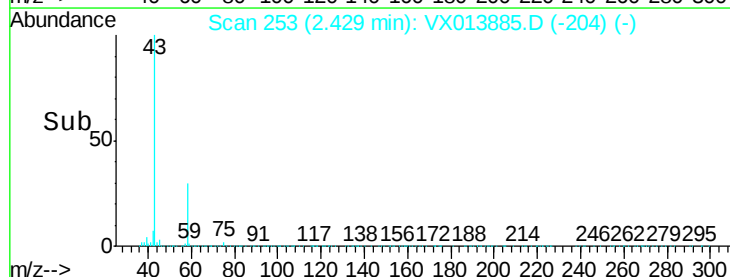
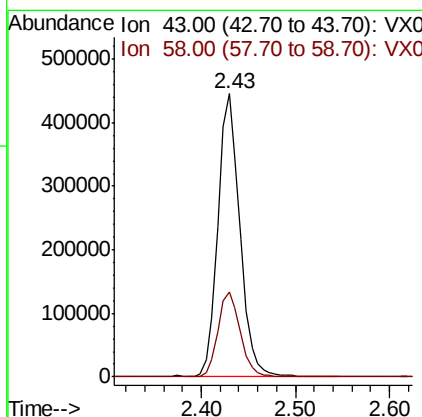
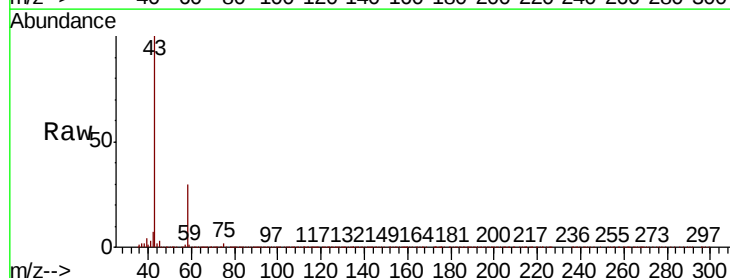
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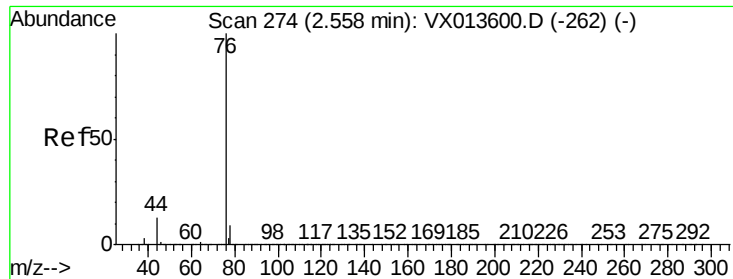
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#16
 Acetone
 Concen: 217.531 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. -0.00 min
 Lab File: VX013885.D
 Acq: 10 Dec 2019 09:12

Tgt Ion:	43	Resp:	715875
Ion Ratio		Lower	Upper
43	100		
58	30.1	24.6	36.8





#17

Carbon Disulfide

Concen: 42.260 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 658355

Ion Ratio Lower Upper

76 100

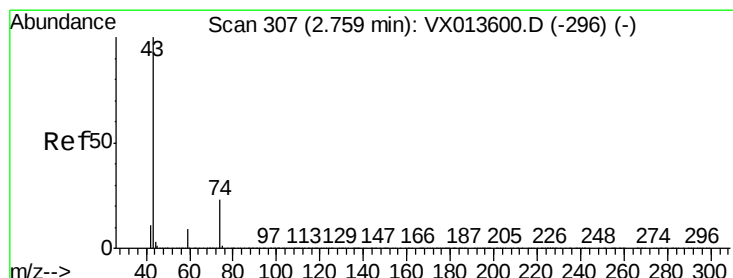
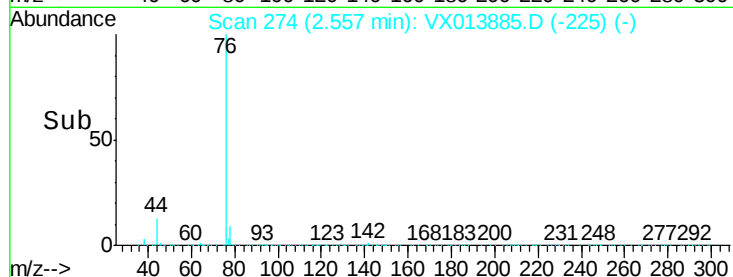
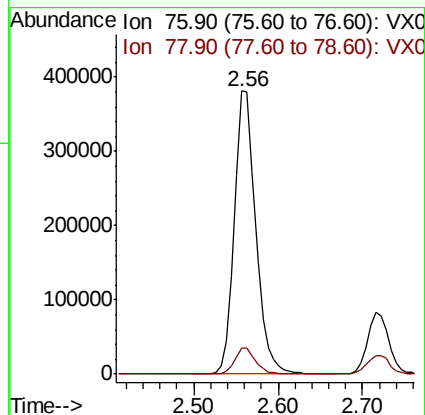
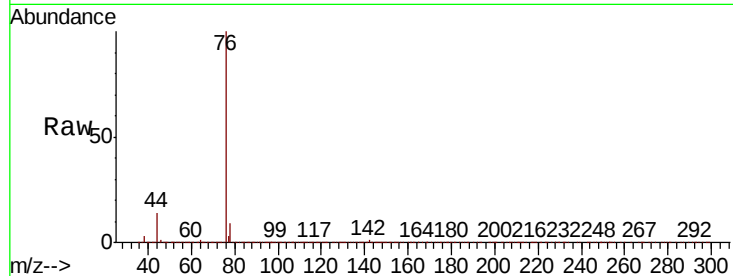
78 9.4 7.2 10.8

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#18

Methyl Acetate

Concen: 51.476 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX013885.D

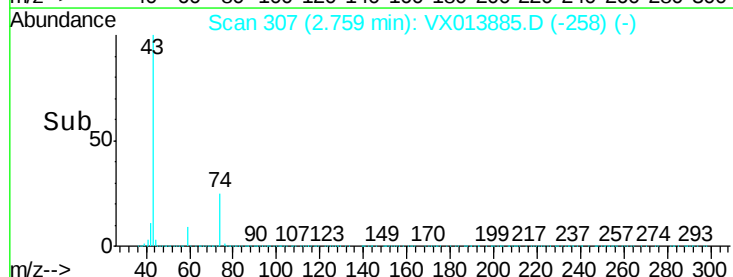
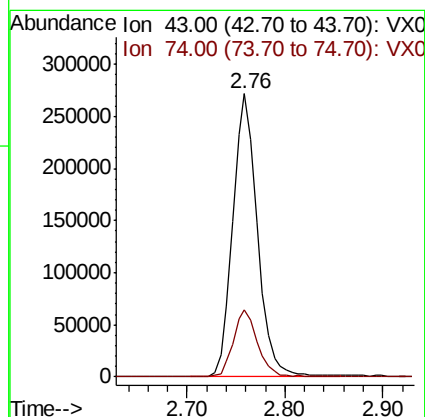
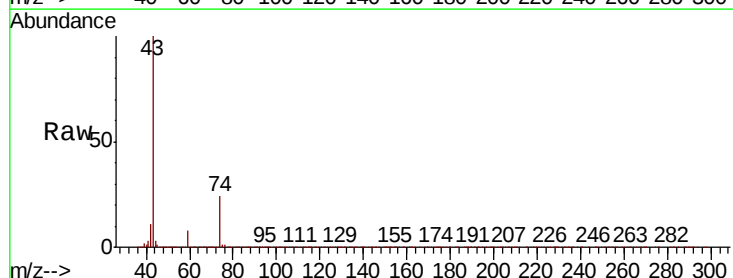
Acq: 10 Dec 2019 09:12

Tgt Ion: 43 Resp: 471723

Ion Ratio Lower Upper

43 100

74 23.4 19.5 29.3





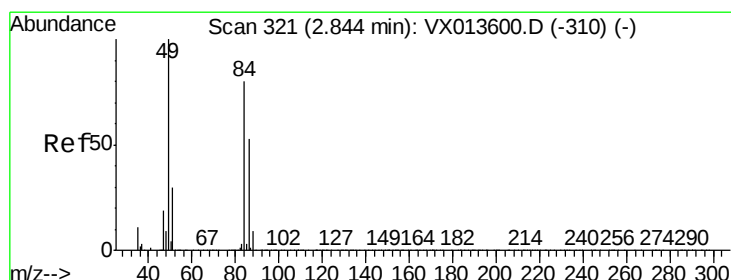
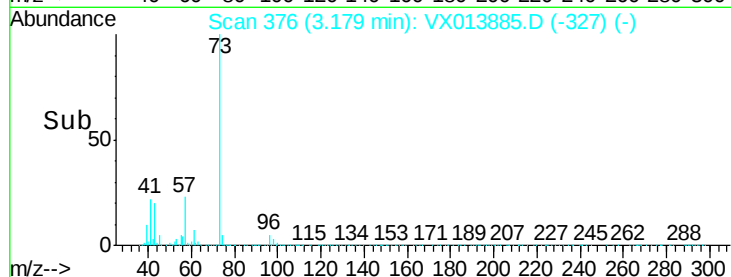
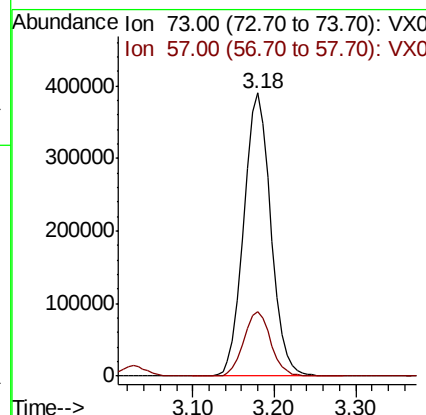
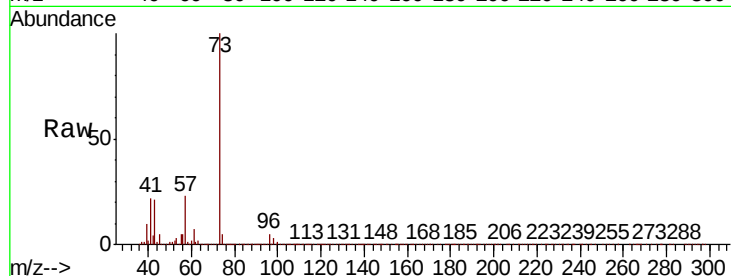
#19
Methvl tert-butvl Ether
Concen: 49.523 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX013885.D
Acq: 10 Dec 2019 09:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.6	18.3	27.5

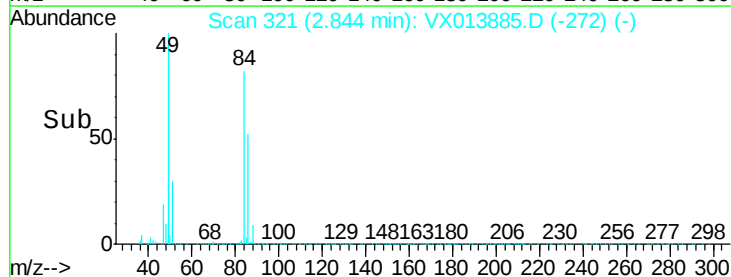
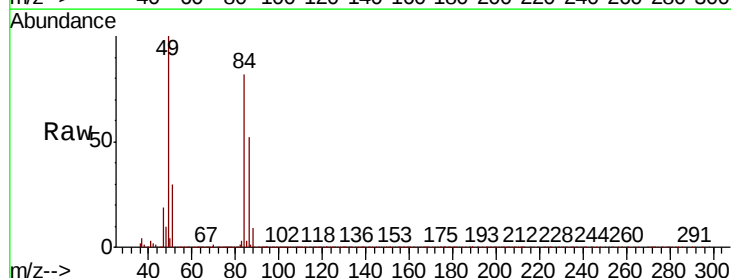
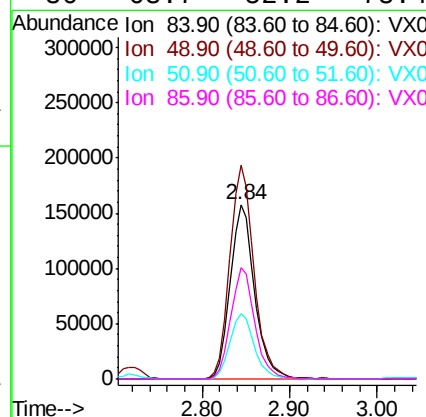
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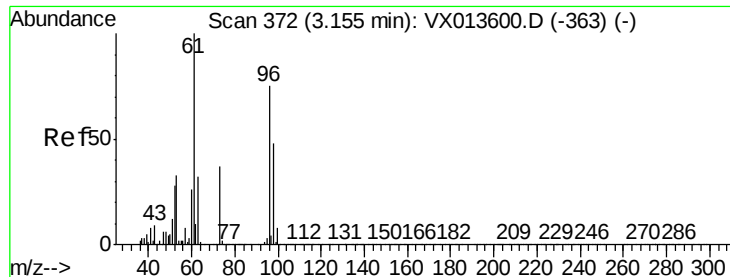
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#20
Methylene Chloride
Concen: 48.097 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013885.D
Acq: 10 Dec 2019 09:12

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.3	99.7	149.5
51	37.2	29.9	44.9
86	63.7	52.2	78.4





#21

trans-1,2-Dichloroethene

Concen: 47.579 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

Instrument :

MSVOA_X

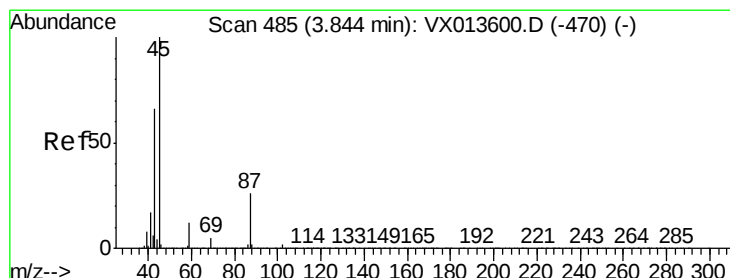
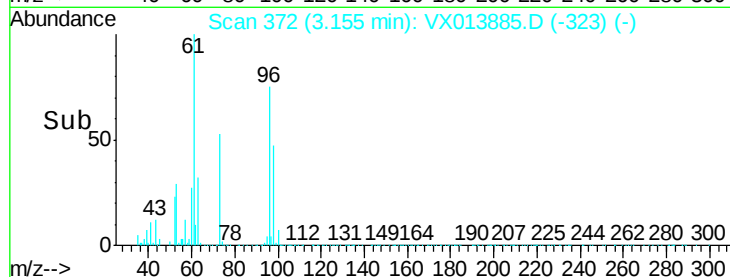
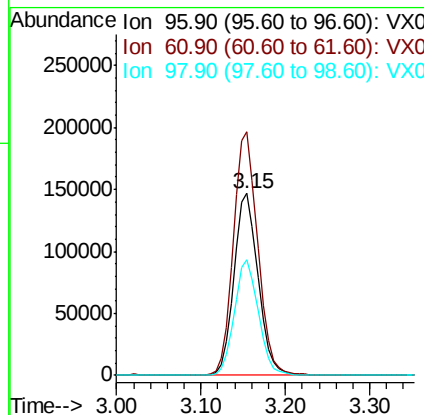
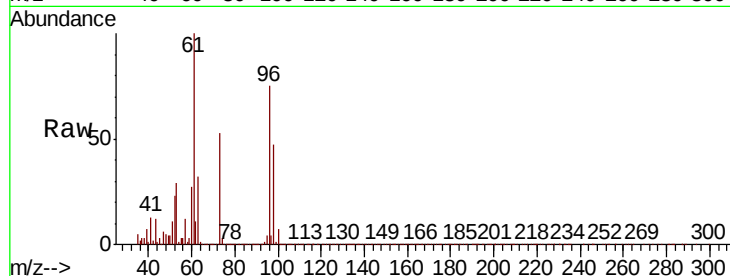
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	283259
Ion Ratio	Lower	Upper	
96	100		
61	134.0	107.2	160.8
98	63.2	51.4	77.0

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#22

Diisopropyl ether

Concen: 50.200 ug/l

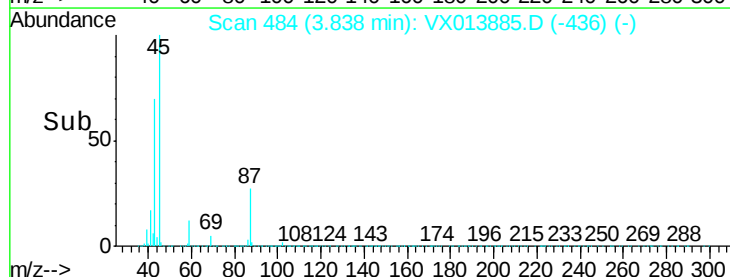
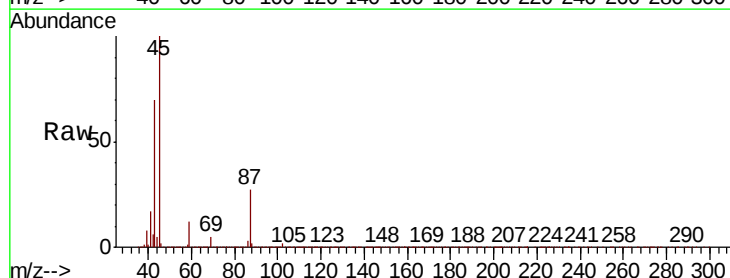
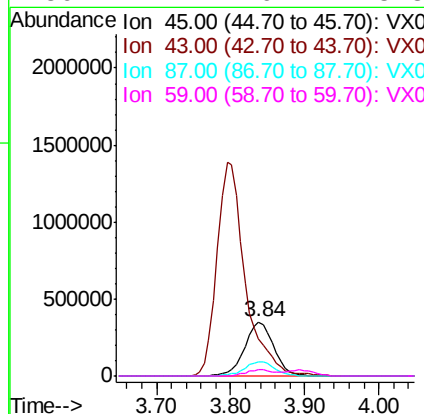
RT: 3.84 min Scan# 484

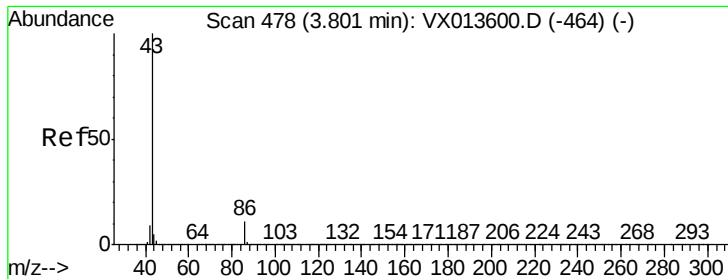
Delta R.T. -0.01 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

Tgt Ion:	45	Resp:	958629
Ion Ratio	Lower	Upper	
45	100		
43	69.3	52.6	79.0
87	27.0	21.1	31.7
59	11.7	9.2	13.8





#23

Vinyl Acetate

Concen: 230.415 ug/l

RT: 3.79 min Scan# 477

Delta R.T. -0.01 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 3660401

Ion Ratio Lower Upper

43 100

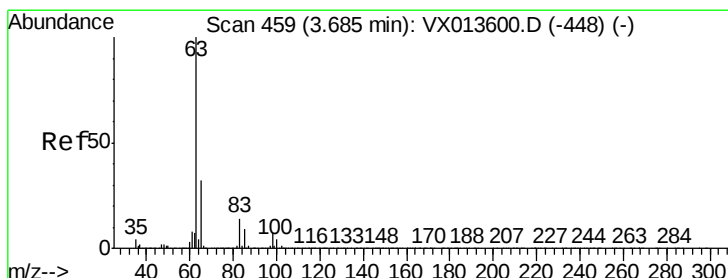
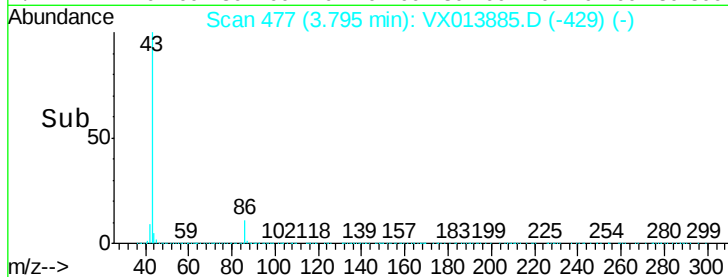
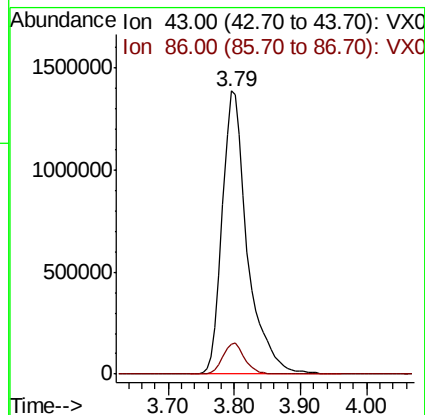
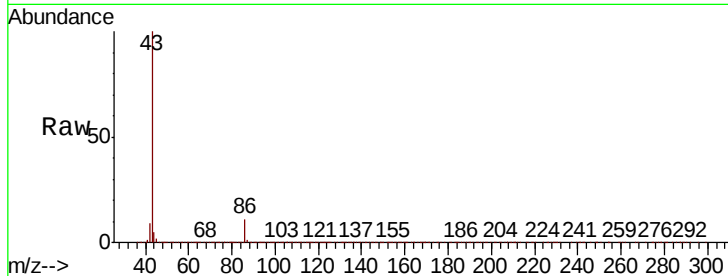
86 10.7 8.7 13.1

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#24

1,1-Dichloroethane

Concen: 49.671 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

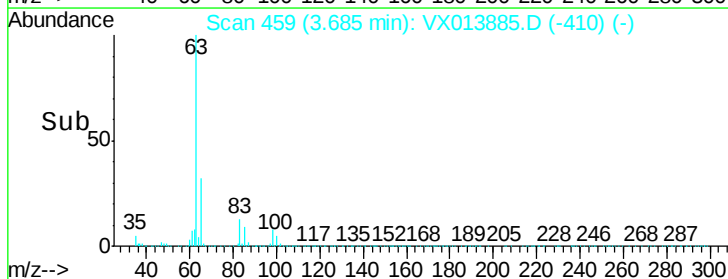
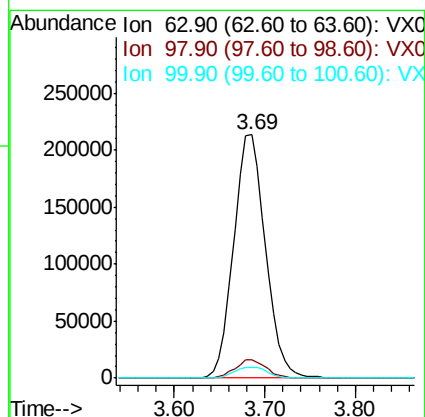
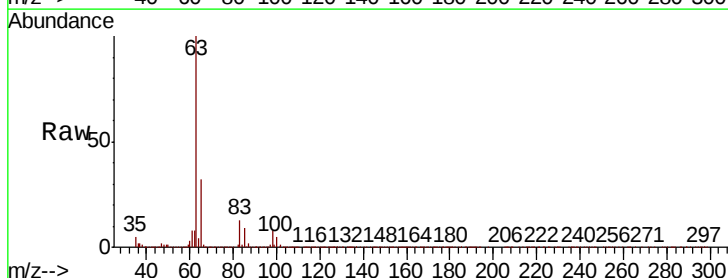
Tgt Ion: 63 Resp: 518535

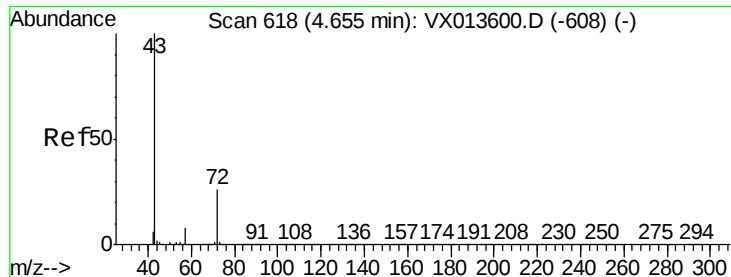
Ion Ratio Lower Upper

63 100

98 7.7 3.5 10.4

100 4.5 2.1 6.3





#25

2-Butanone

Concen: 227.289 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1111652

Ion Ratio Lower Upper

43 100

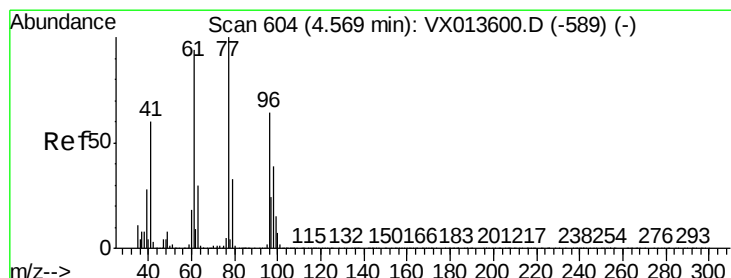
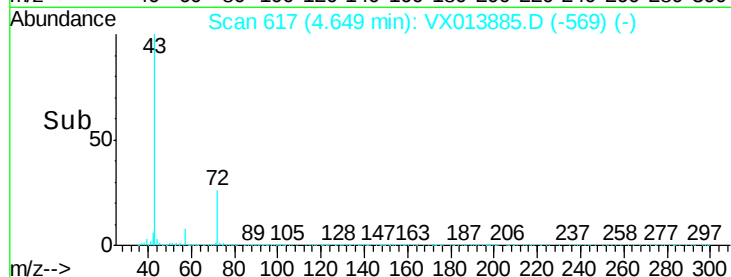
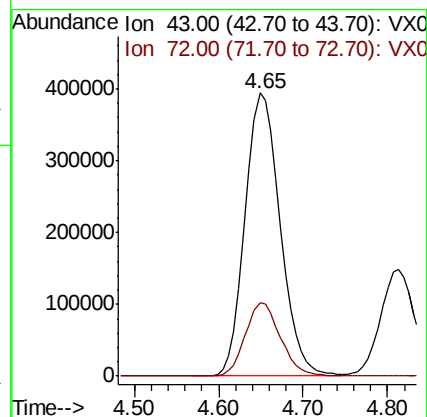
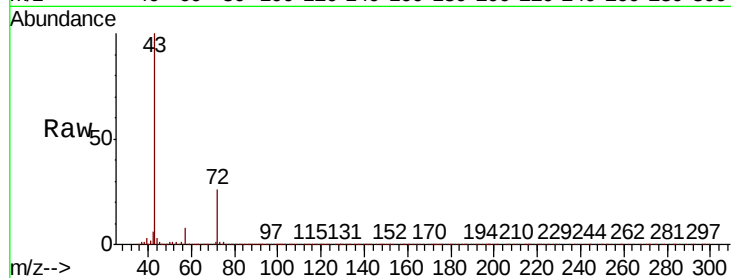
72 25.9 20.6 31.0

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#26

2,2-Dichloropropane

Concen: 30.060 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013885.D

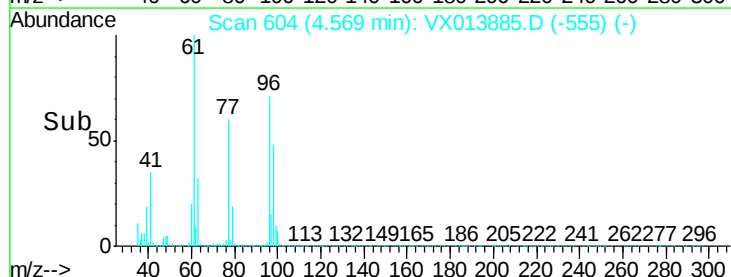
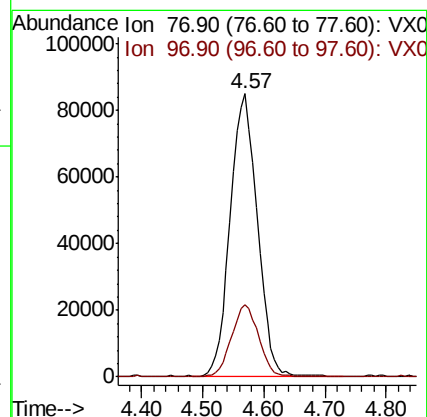
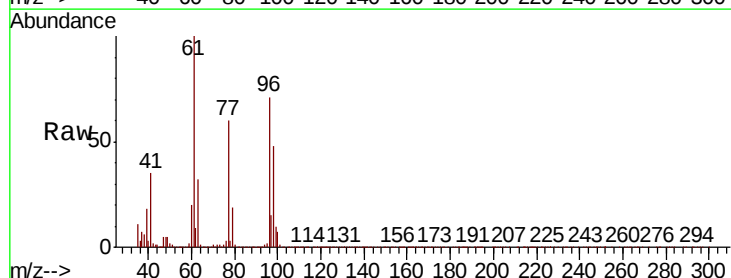
Acq: 10 Dec 2019 09:12

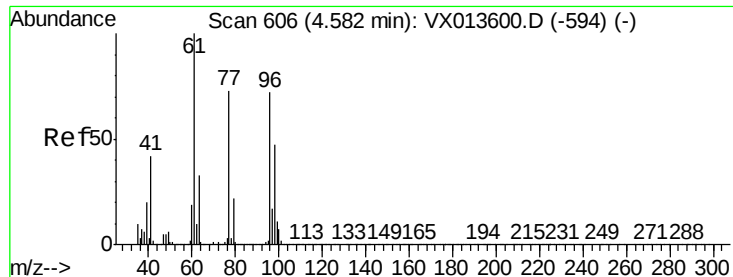
Tgt Ion: 77 Resp: 259632

Ion Ratio Lower Upper

77 100

97 25.4 12.0 36.1





#27

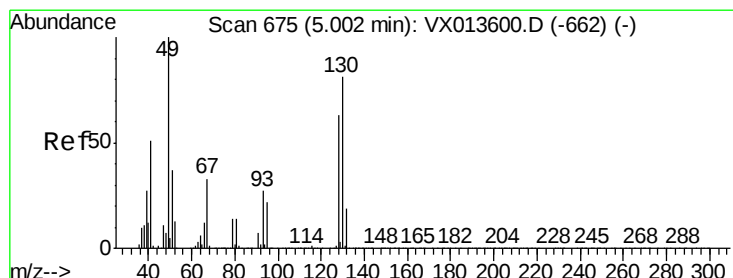
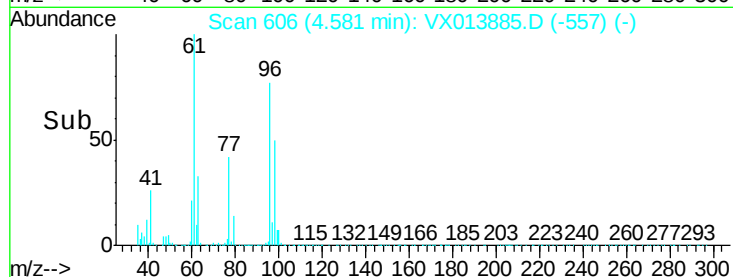
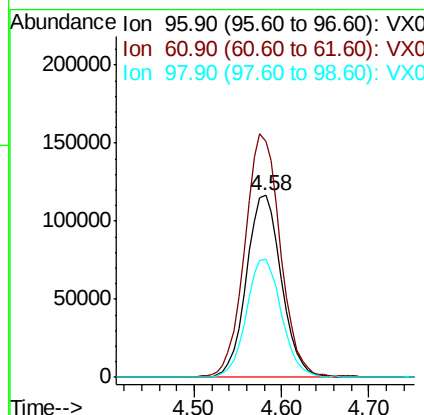
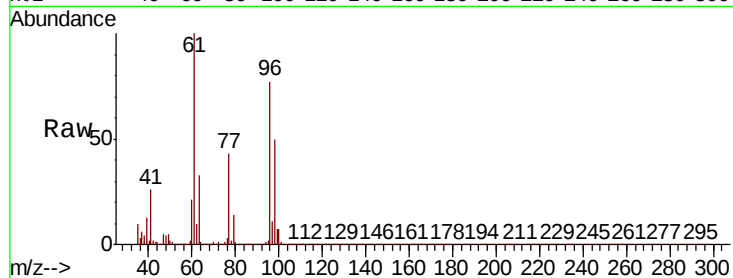
cis-1,2-Dichloroethene
Concen: 47.679 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX013885.D
Acq: 10 Dec 2019 09:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	135.4	0.0	286.4
98	64.7	0.0	127.4

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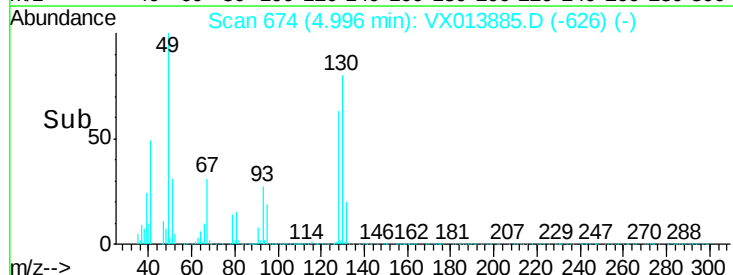
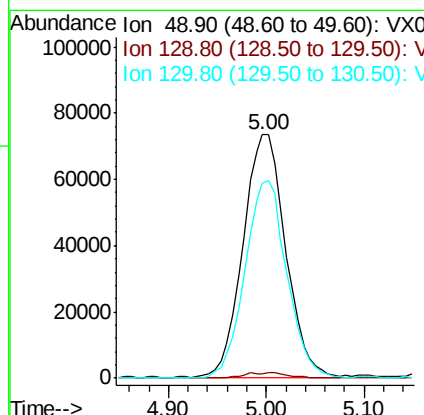
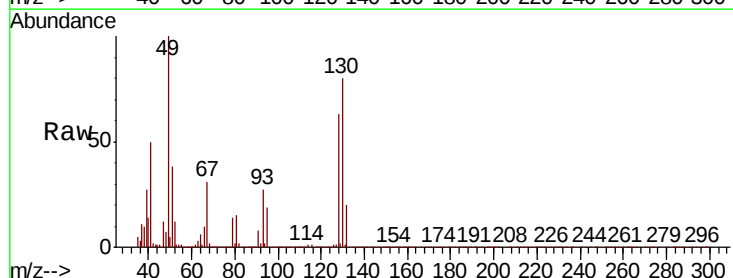
apatel
12/11/2019 8:55:22 AM

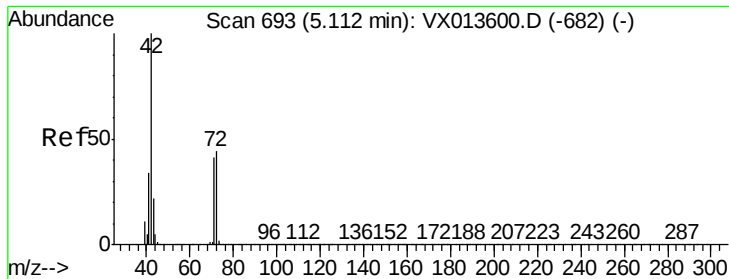


#28

Bromochloromethane
Concen: 53.992 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX013885.D
Acq: 10 Dec 2019 09:12

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.0
130	79.2	65.4	98.0





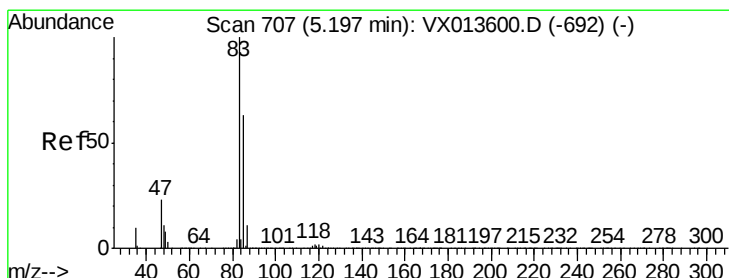
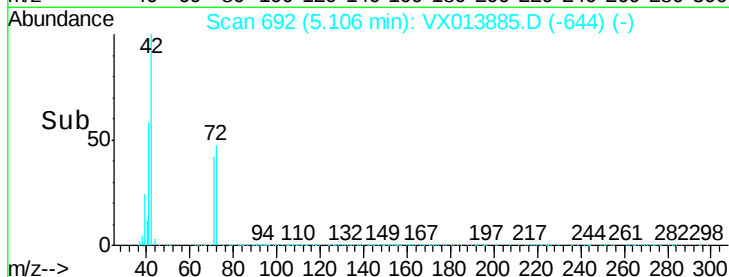
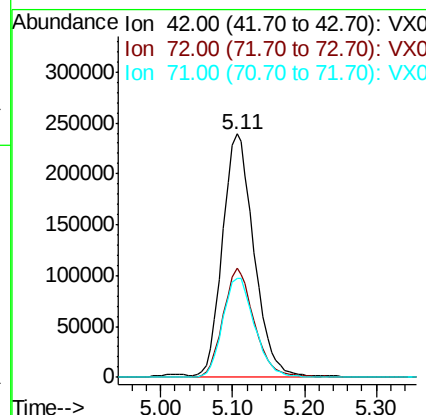
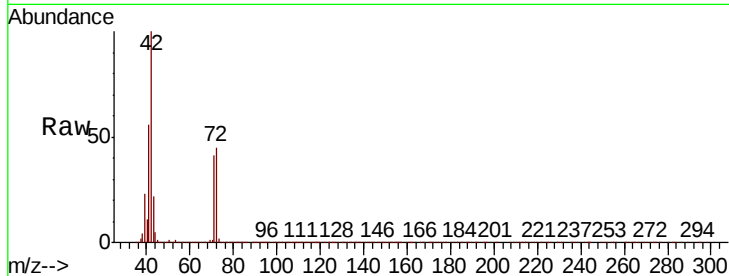
#29
Tetrahydrofuran
Concen: 239.645 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX013885.D
Acq: 10 Dec 2019 09:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.6	36.3	54.5
71	41.1	33.2	49.8

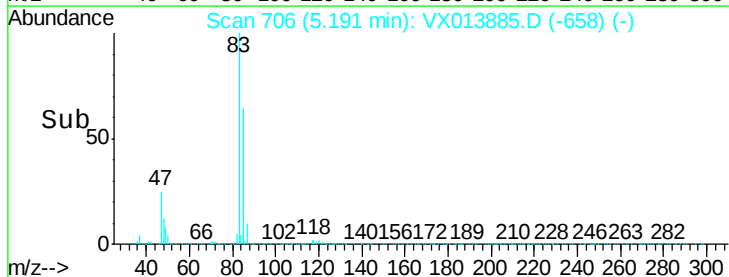
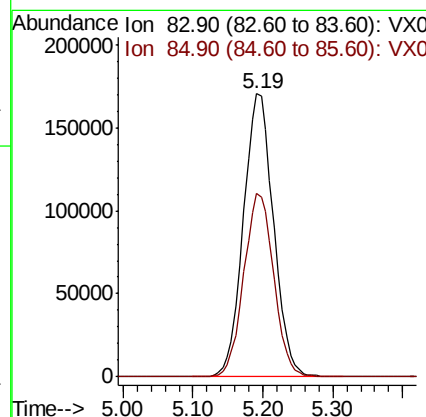
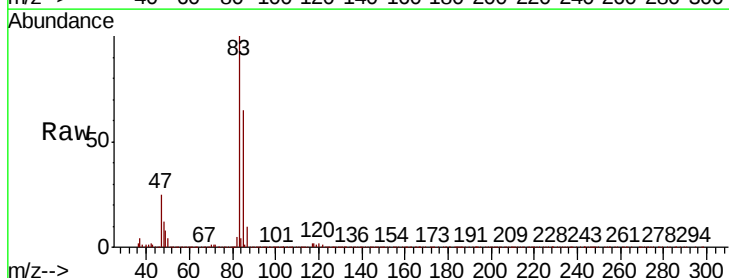
Manual Integrations
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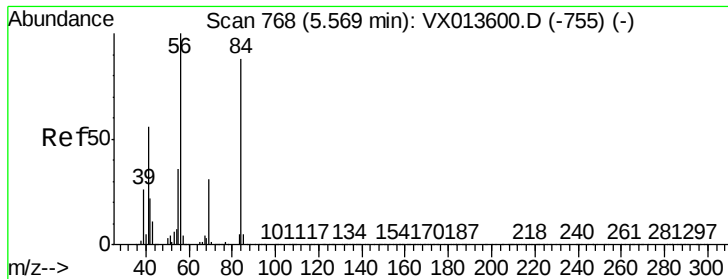
apatel
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#30
Chloroform
Concen: 47.980 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX013885.D
Acq: 10 Dec 2019 09:12

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	50.2	75.4





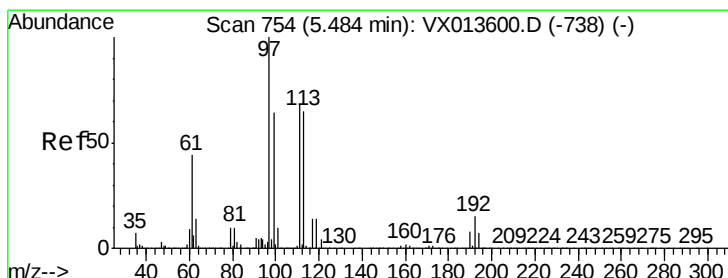
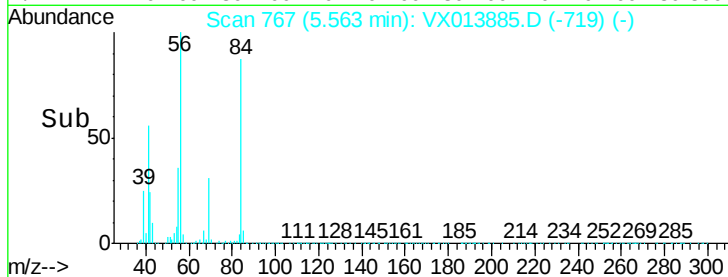
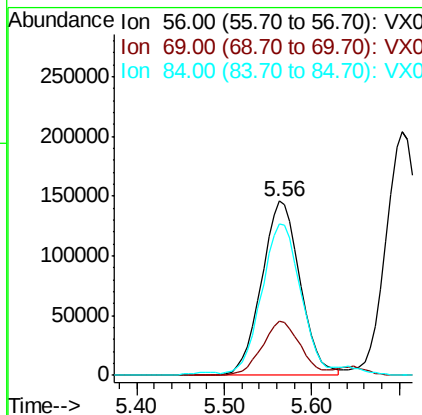
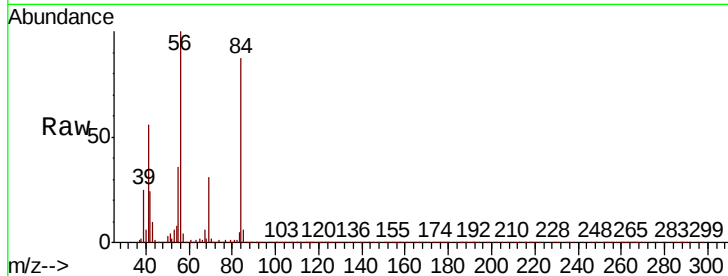
#31
Cyclohexane
Concen: 45.570 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX013885.D
Acq: 10 Dec 2019 09:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.1	24.6	36.8
84	85.9	70.0	105.0

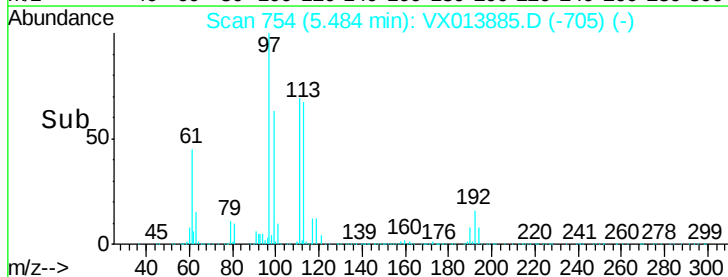
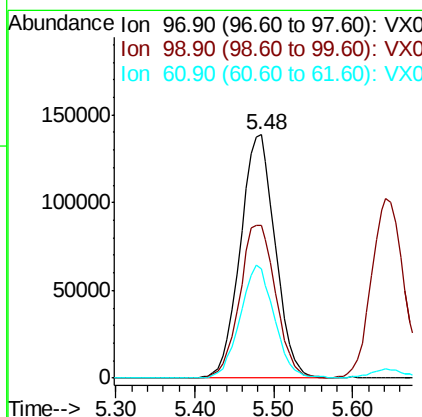
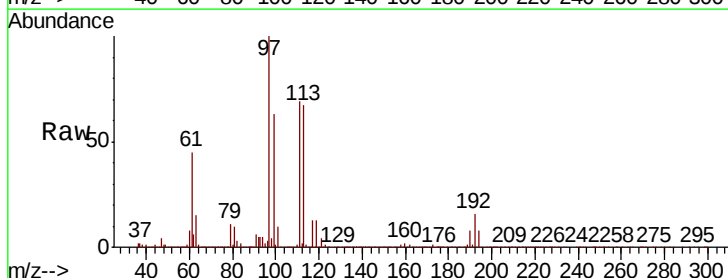
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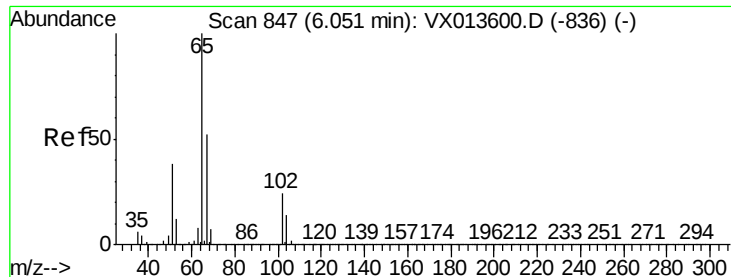
apatel
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#32
1,1,1-Trichloroethane
Concen: 48.214 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX013885.D
Acq: 10 Dec 2019 09:12

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.6	77.4
61	44.9	36.1	54.1





#33

1,2-Dichloroethane-d4

Concen: 47.186 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 314527

Ion Ratio Lower Upper

65 100

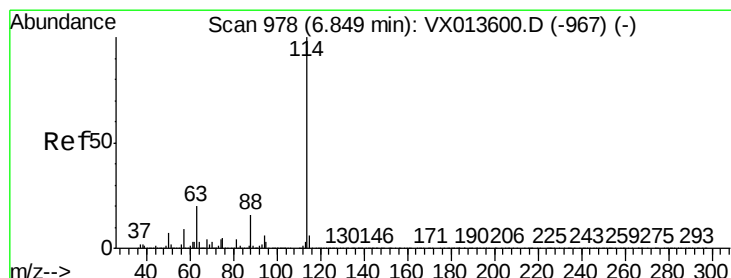
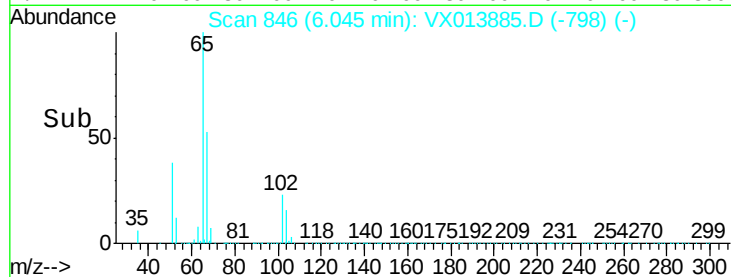
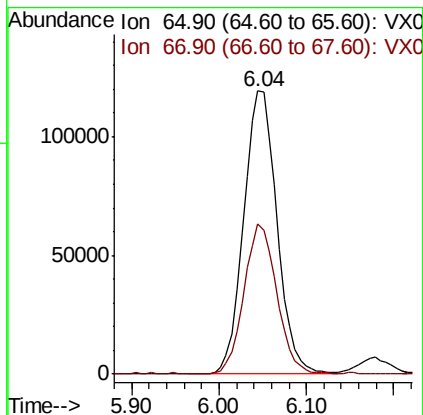
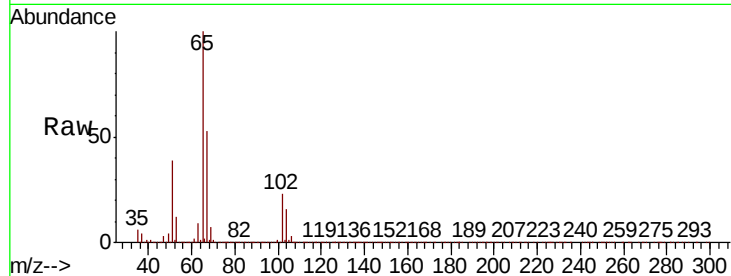
67 51.9 0.0 104.4

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

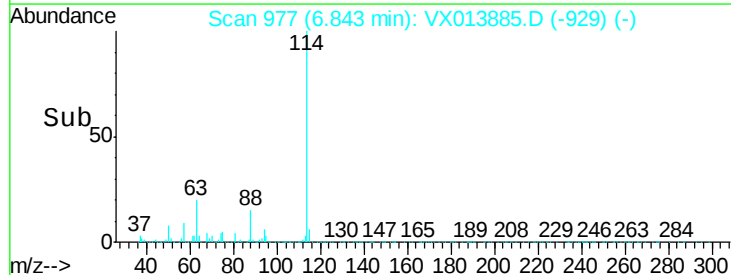
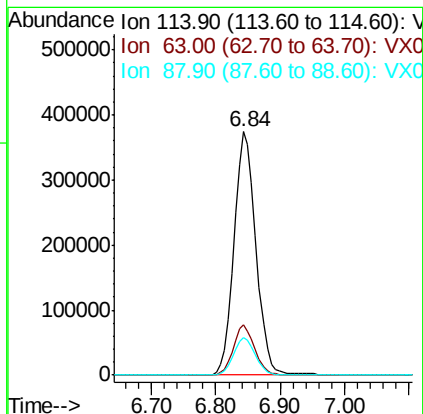
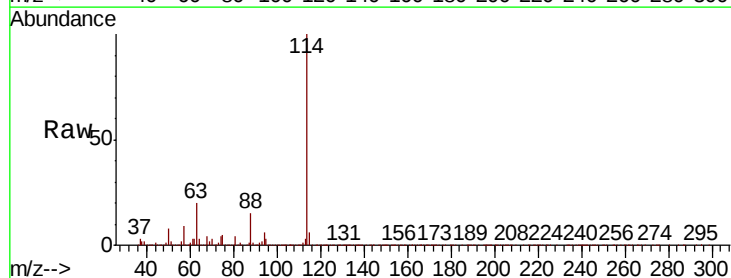
Tgt Ion: 114 Resp: 887207

Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.6

88 15.4 0.0 31.4





#35

Dibromofluoromethane

Concen: 48.508 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

Instrument :

MSVOA_X

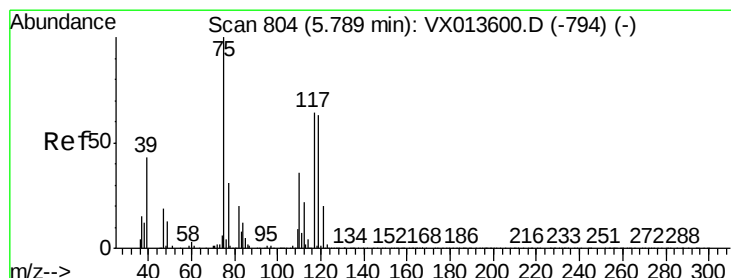
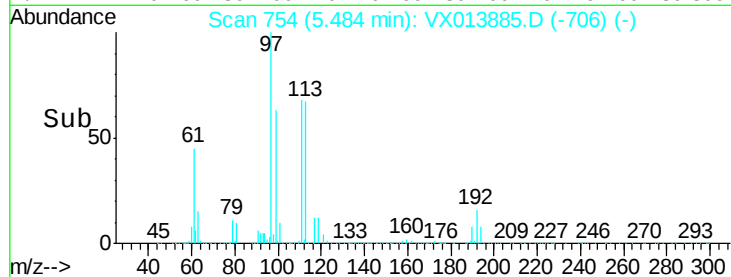
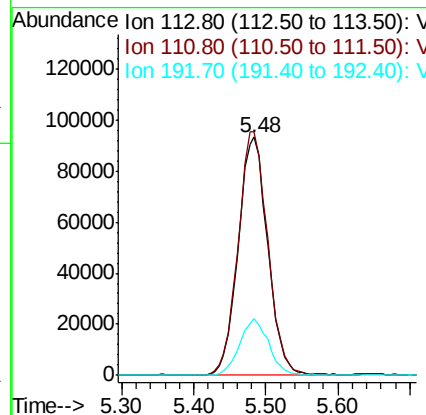
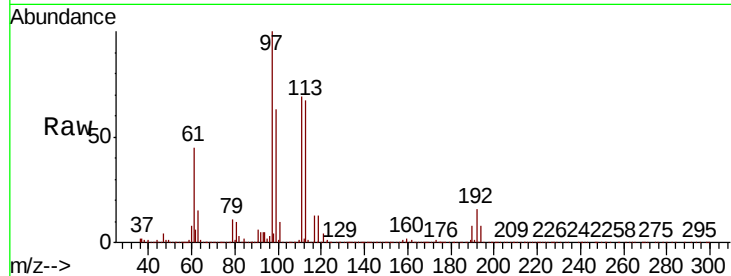
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	266058
Ion Ratio	Lower	Upper	
113	100		
111	102.6	83.6	125.4
192	23.6	19.2	28.8

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#36

1,1-Dichloropropene

Concen: 47.021 ug/l

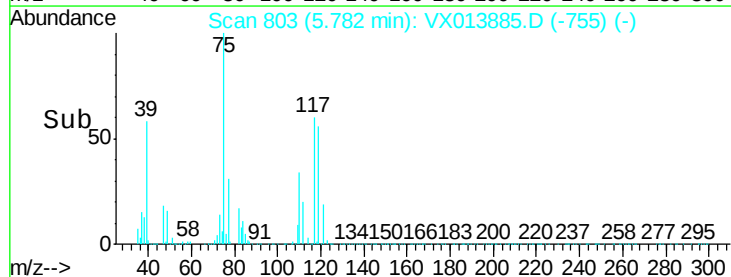
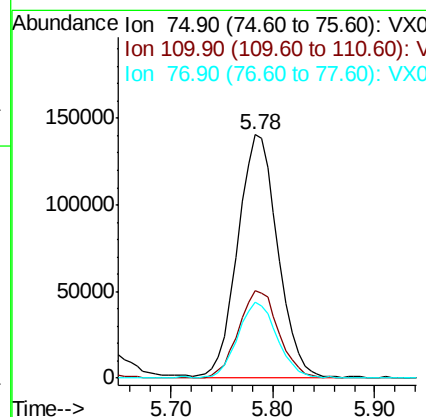
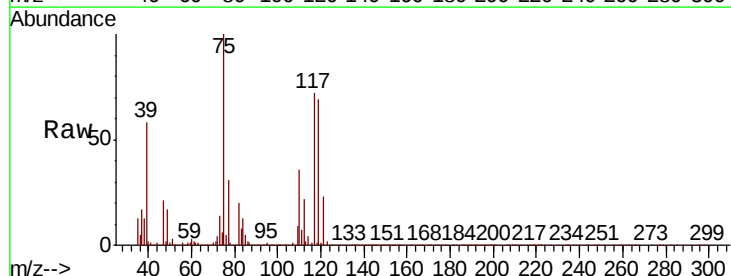
RT: 5.78 min Scan# 803

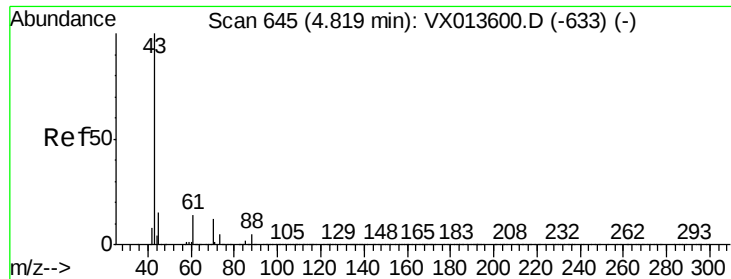
Delta R.T. -0.01 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

Tgt Ion:	75	Resp:	378692
Ion Ratio	Lower	Upper	
75	100		
110	36.4	18.1	54.1
77	30.6	24.5	36.7





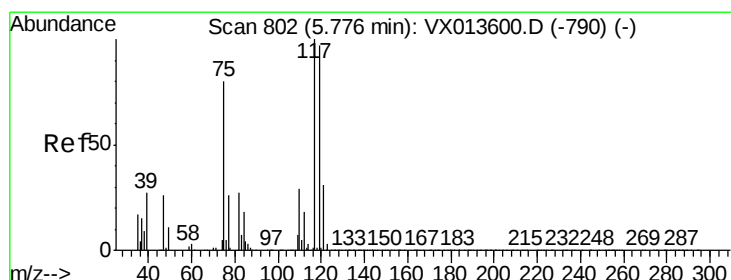
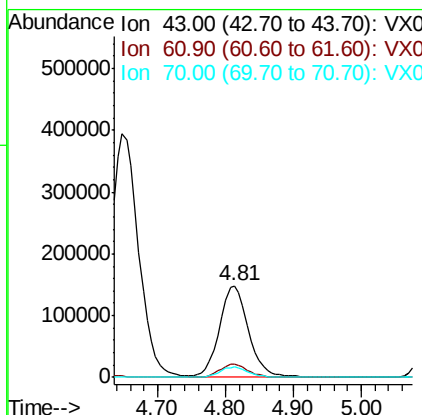
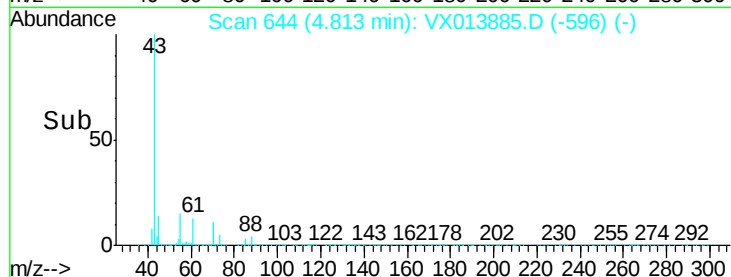
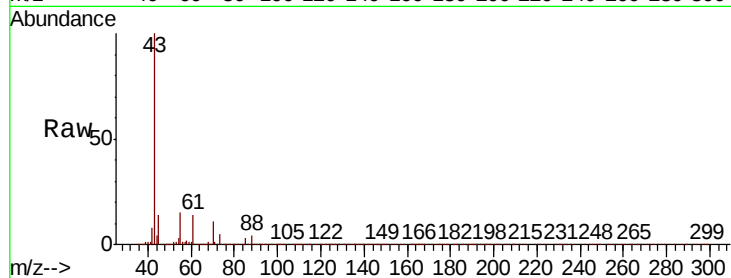
#37
Ethyl Acetate
Concen: 48.031 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX013885.D
Acq: 10 Dec 2019 09:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	11.0	16.4
70	10.4	8.6	12.8

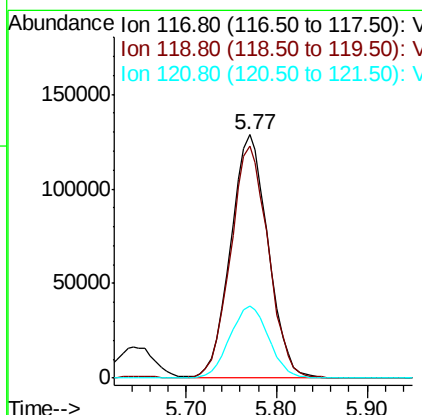
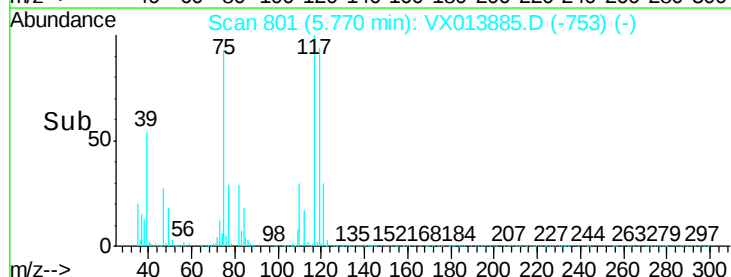
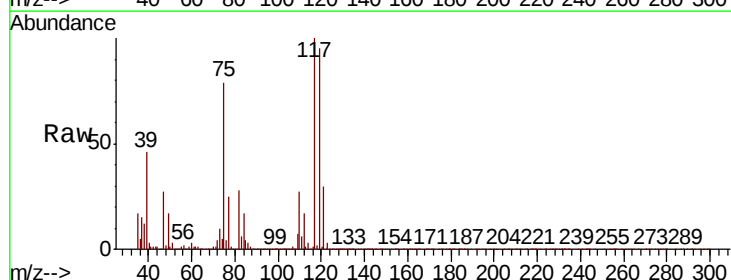
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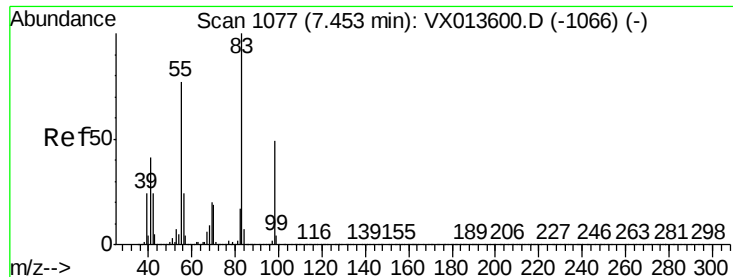
apatel
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#38
Carbon Tetrachloride
Concen: 49.509 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013885.D
Acq: 10 Dec 2019 09:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	77.5	116.3
121	29.5	25.0	37.6





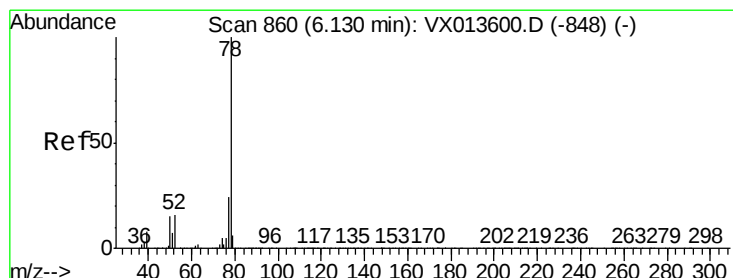
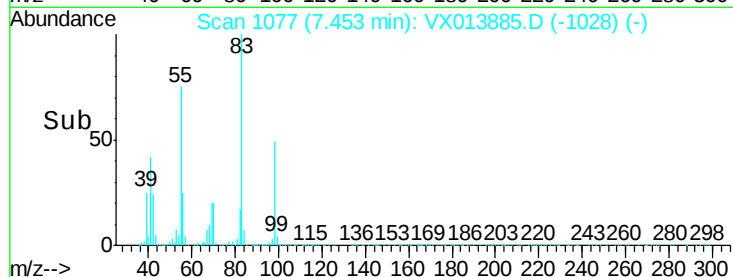
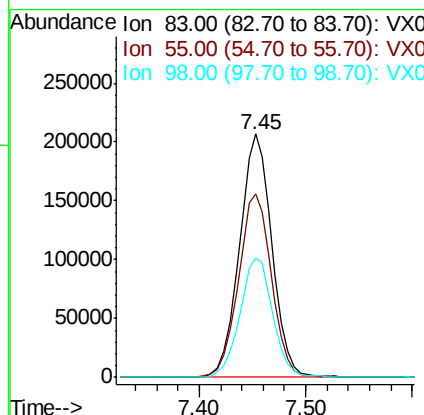
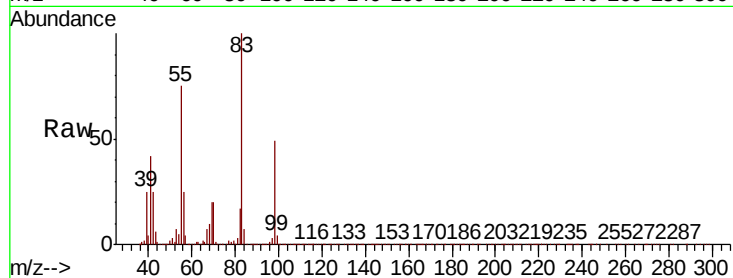
#39
Methvlcvclohexane
Concen: 44.243 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX013885.D
Acq: 10 Dec 2019 09:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.1	61.9	92.9
98	49.2	39.4	59.0

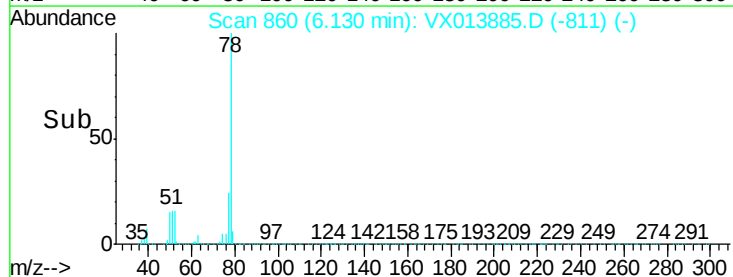
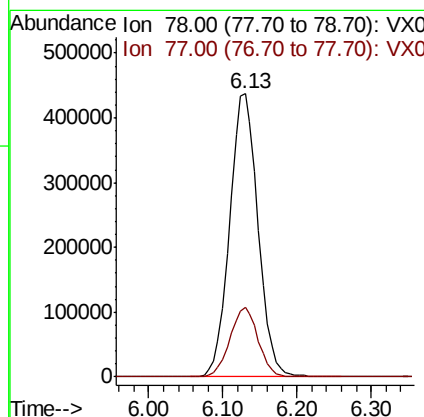
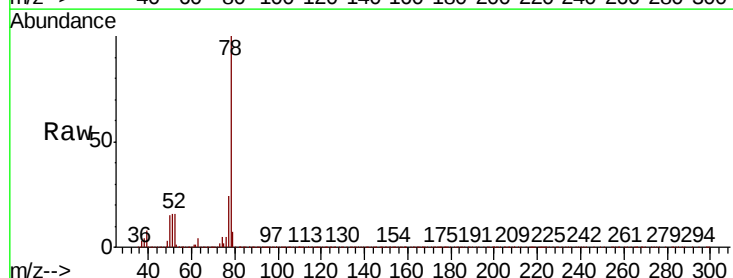
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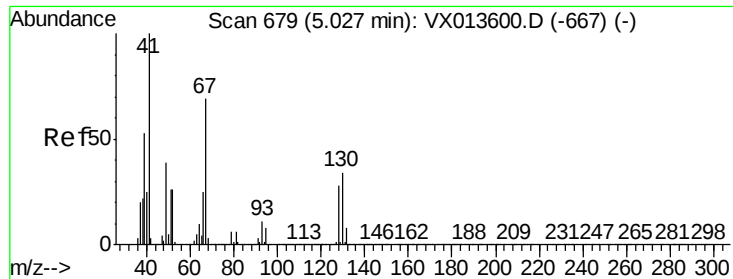
apatel
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#40
Benzene
Concen: 47.373 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX013885.D
Acq: 10 Dec 2019 09:12

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.0	28.4





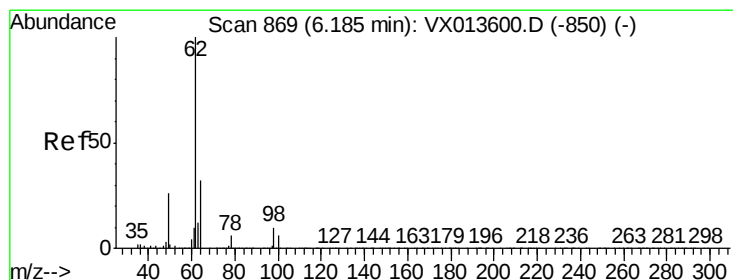
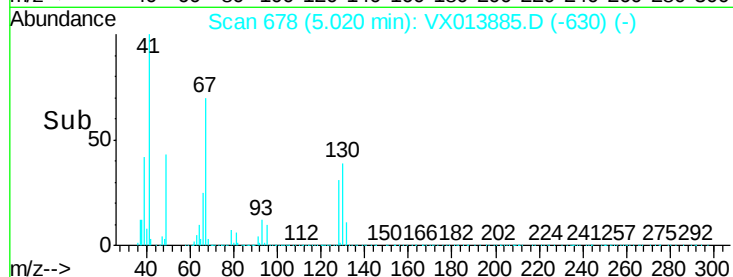
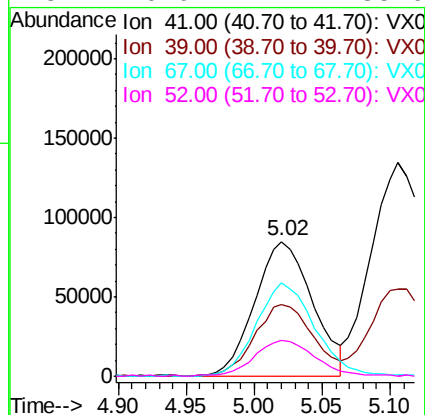
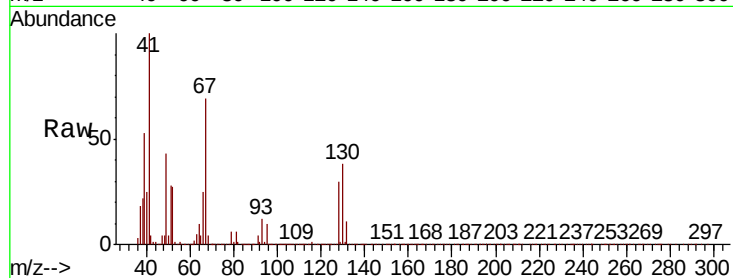
#41
Methacrylonitrile
Concen: 50.400 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX013885.D
Acq: 10 Dec 2019 09:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.8	42.9	64.3	
67	70.4	57.4	86.0	
52	26.9	22.4	33.6	

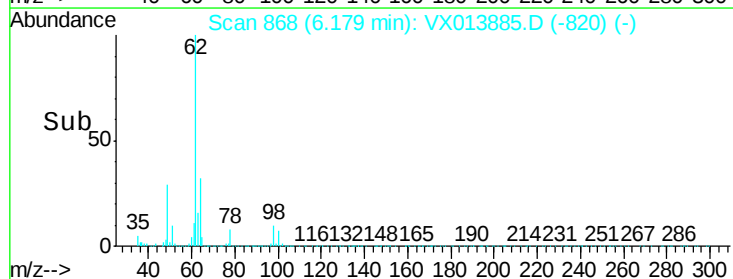
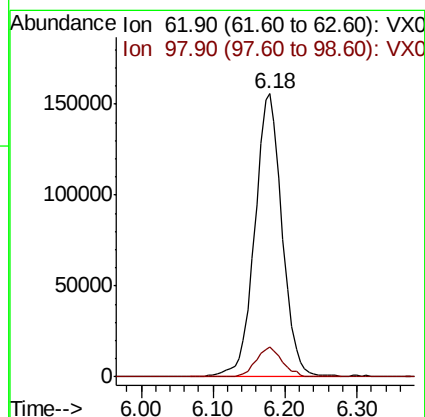
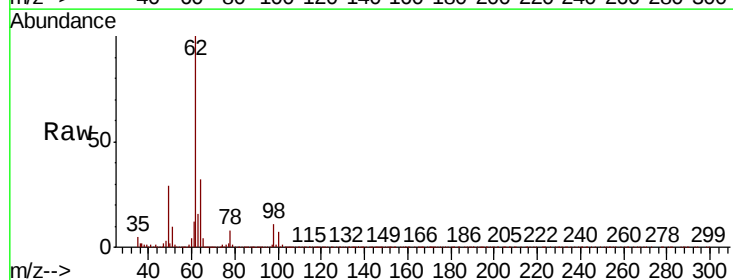
Manual Integrations
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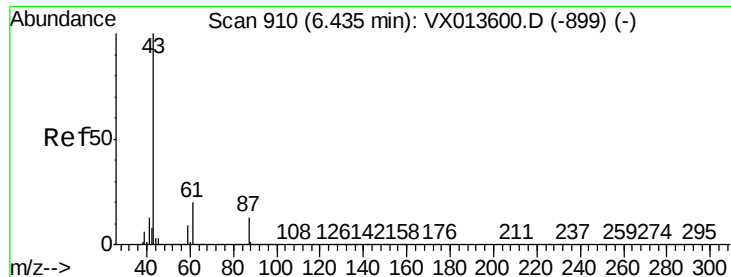
apatel
12/11/2019 8:55:22 AM



#42
1,2-Dichloroethane
Concen: 48.787 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX013885.D
Acq: 10 Dec 2019 09:12

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.3	0.0	20.8	





#43

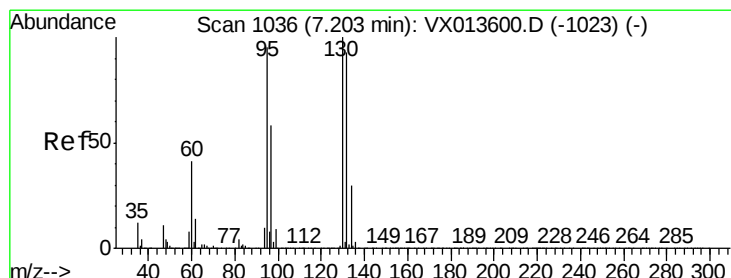
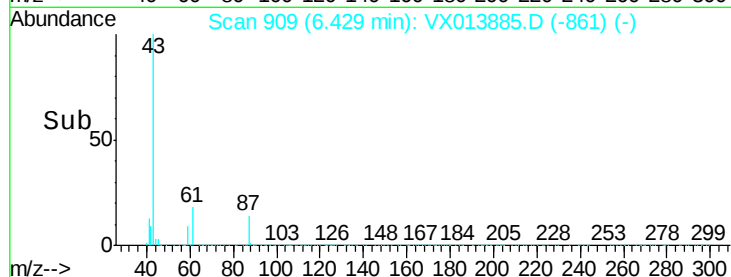
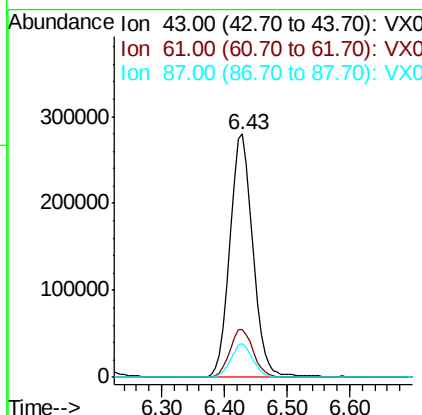
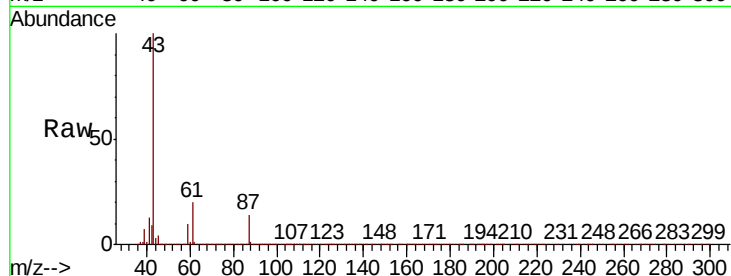
Isopropyl Acetate
 Concen: 47.863 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX013885.D
 Acq: 10 Dec 2019 09:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	43	Resp	711927
Ion Ratio	Lower	Upper	
43	100		
61	20.3	16.3	24.5
87	13.2	10.8	16.2

Manual Integrations
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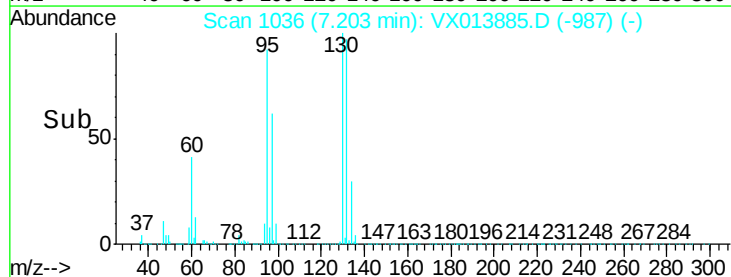
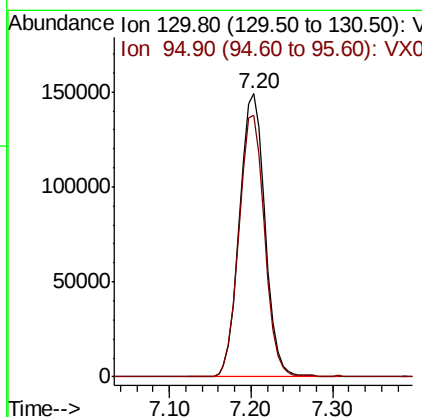
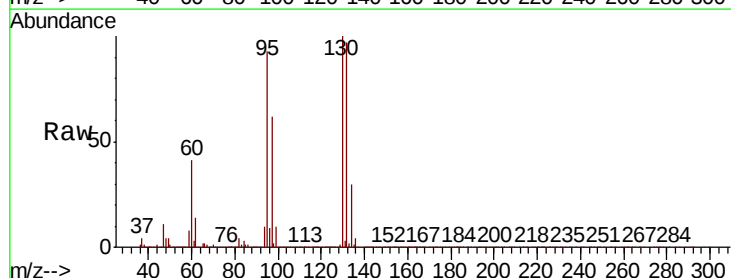
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#44

Trichloroethene
 Concen: 47.791 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: VX013885.D
 Acq: 10 Dec 2019 09:12

Tgt Ion	130	Resp	321718
Ion Ratio	Lower	Upper	
130	100		
95	92.5	0.0	190.8





#45

1,2-Dichloropropane

Concen: 50.121 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 307592

Ion Ratio Lower Upper

63 100

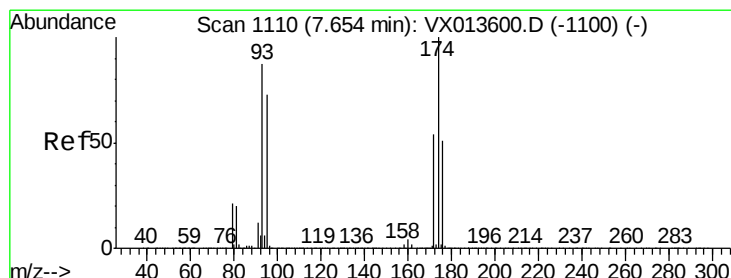
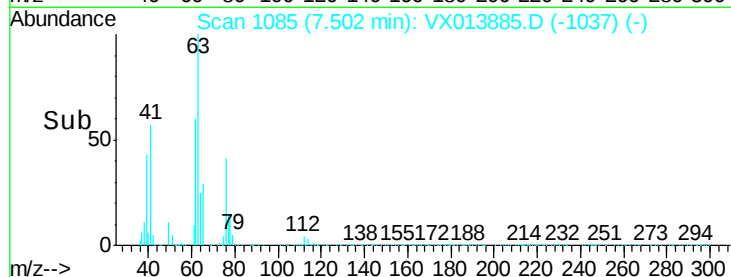
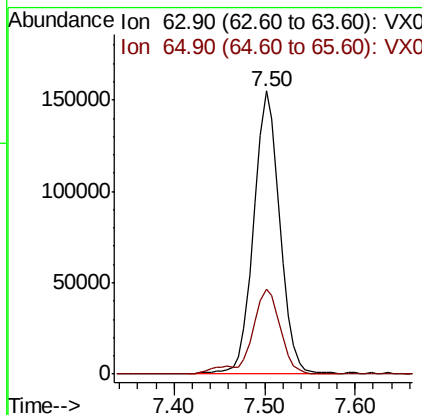
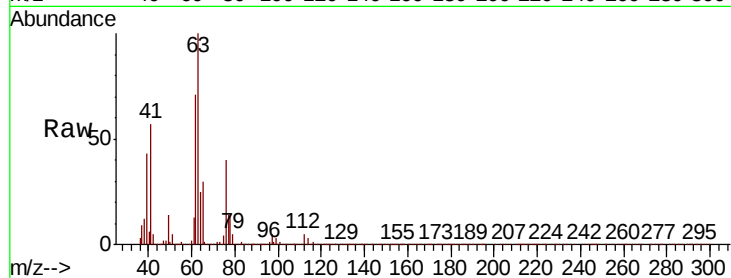
65 30.0 25.5 38.3

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#46

Dibromomethane

Concen: 48.463 ug/l

RT: 7.65 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

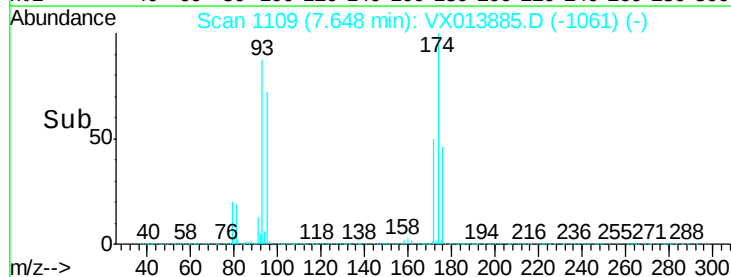
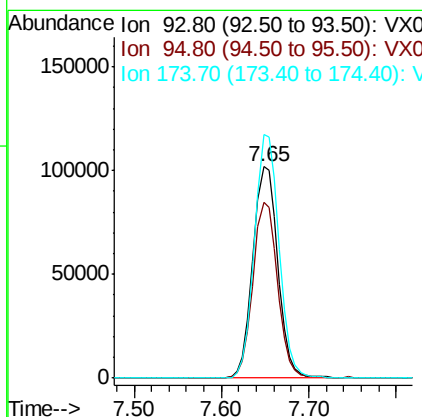
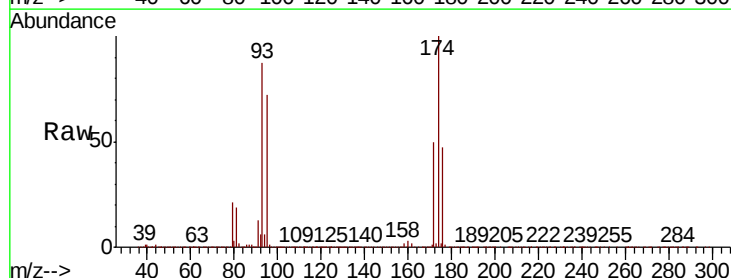
Tgt Ion: 93 Resp: 202000

Ion Ratio Lower Upper

93 100

95 81.9 66.2 99.2

174 114.2 93.4 140.0





#47

Bromodichloromethane

Concen: 50.326 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

Instrument :

MSVOA_X

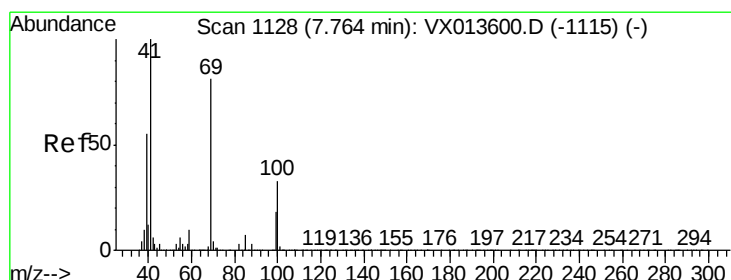
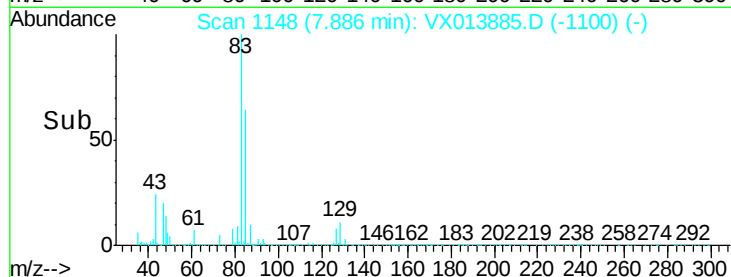
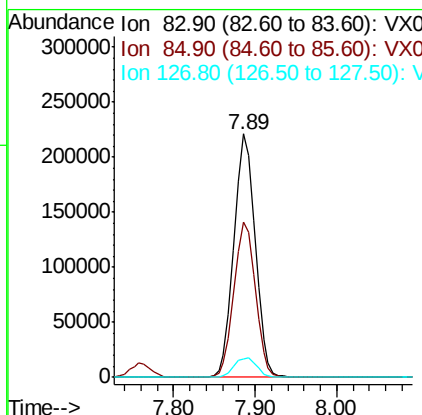
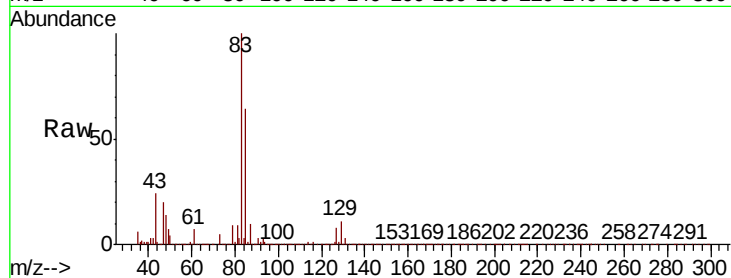
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	396547
Ion Ratio	Lower	Upper	
83	100		
85	63.8	52.1	78.1
127	7.7	7.0	10.4

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#48

Methyl methacrylate

Concen: 49.618 ug/l

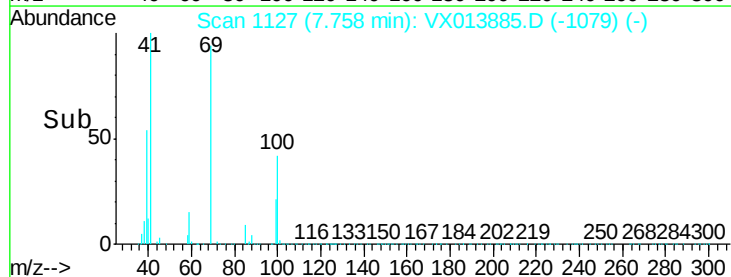
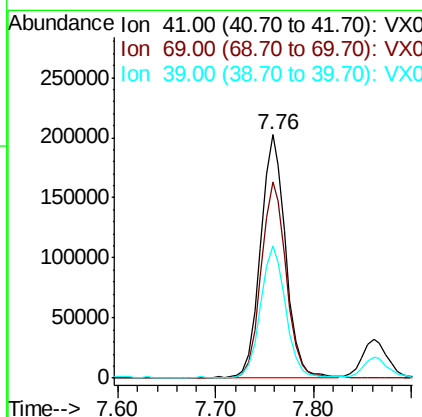
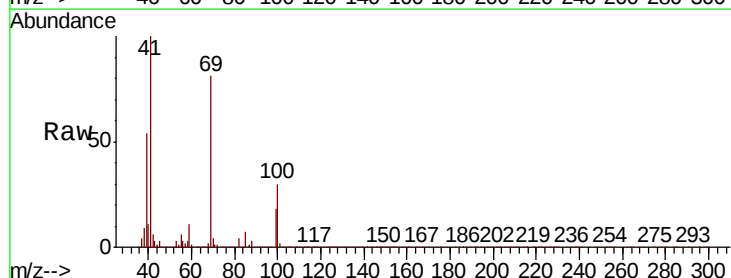
RT: 7.76 min Scan# 1127

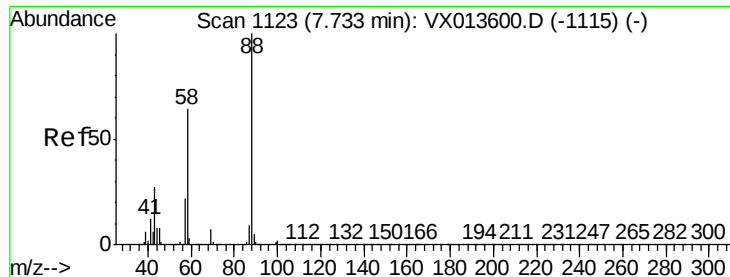
Delta R.T. -0.01 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

Tgt Ion:	41	Resp:	358592
Ion Ratio	Lower	Upper	
41	100		
69	81.5	64.7	97.1
39	54.4	43.8	65.6





#49

1,4-Dioxane

Concen: 811.058 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

Instrument :

MSVOA_X

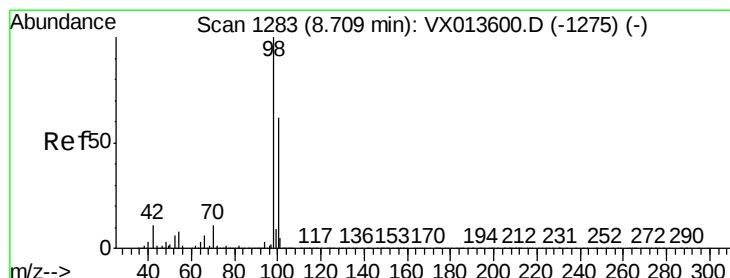
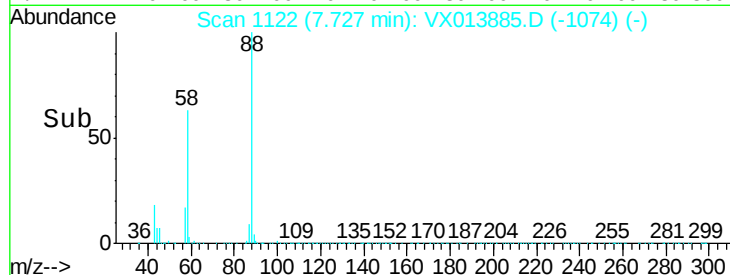
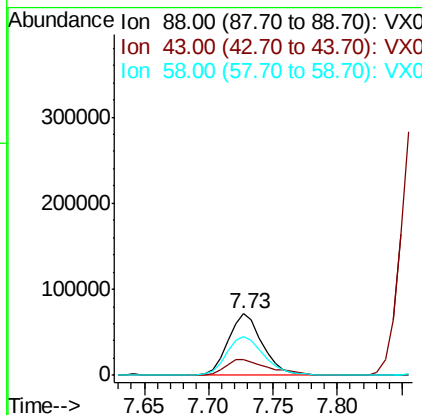
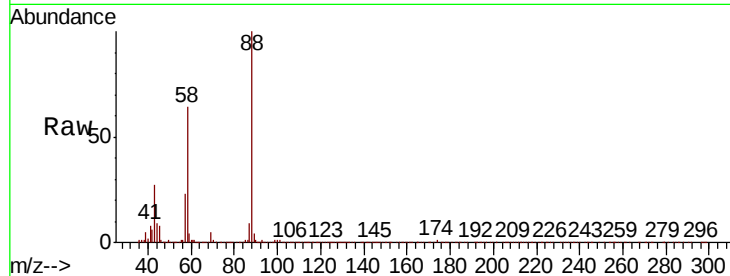
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	131205
Ion Ratio		Lower	Upper
88	100		
43	32.9	25.8	38.6
58	70.1	54.6	82.0

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#50

Toluene-d8

Concen: 46.592 ug/l

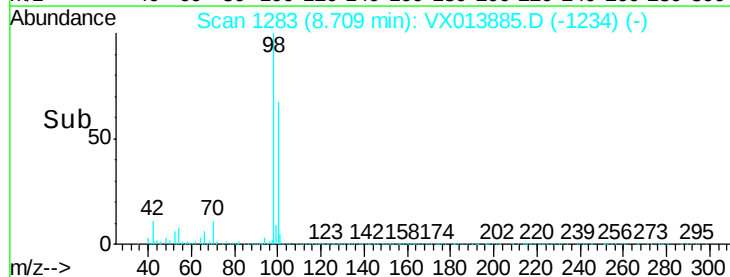
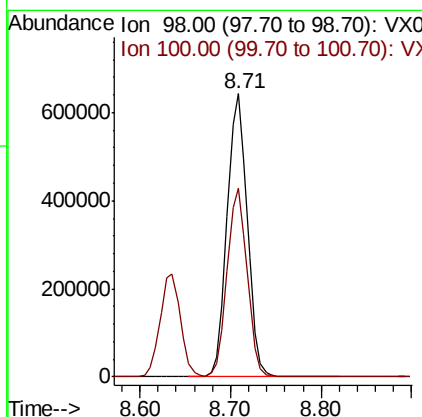
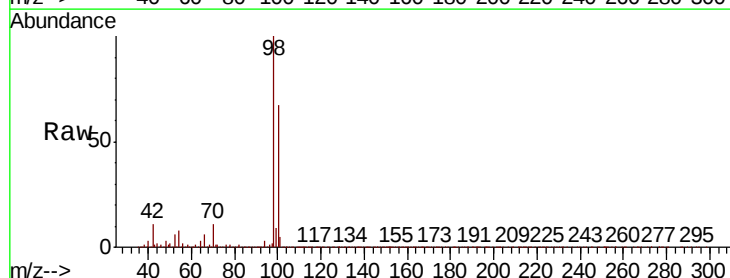
RT: 8.71 min Scan# 1283

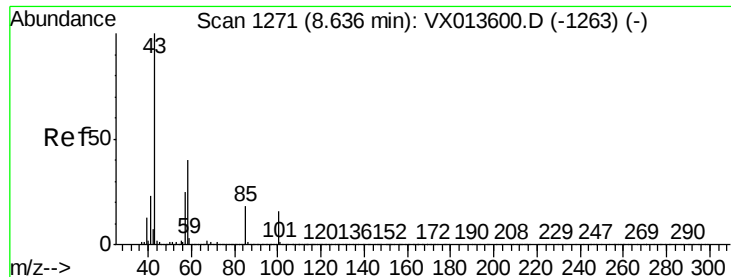
Delta R.T. -0.00 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

Tgt Ion:	98	Resp:	995655
Ion Ratio		Lower	Upper
98	100		
100	66.1	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 239.764 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2243309

Ion Ratio Lower Upper

43 100

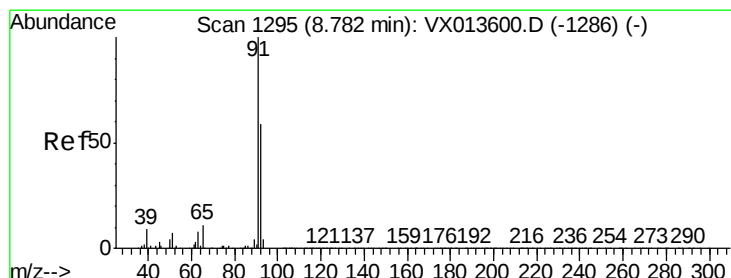
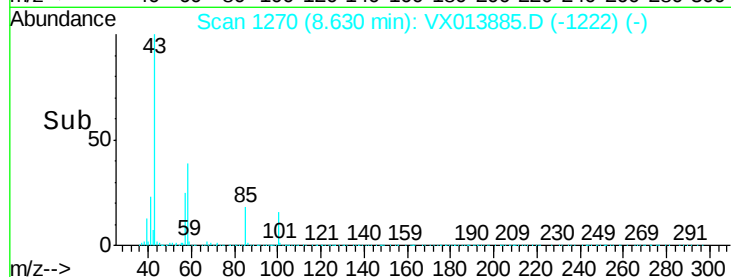
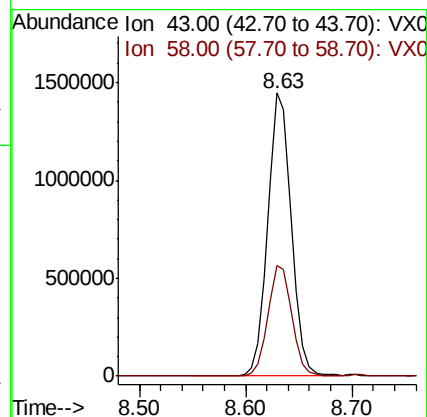
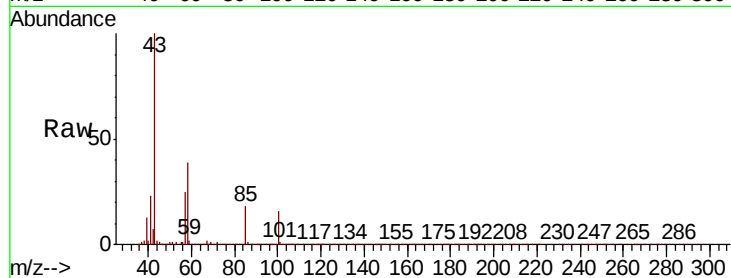
58 39.6 32.1 48.1

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#52

Toluene

Concen: 48.517 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013885.D

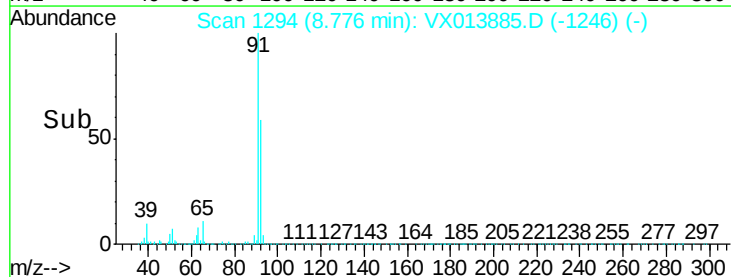
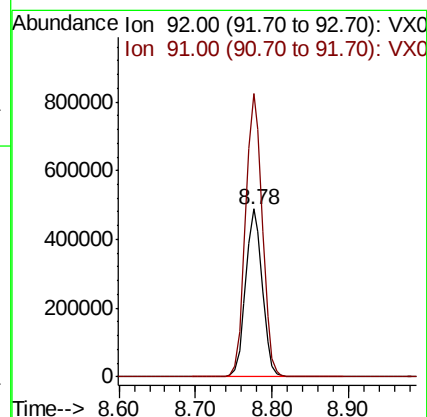
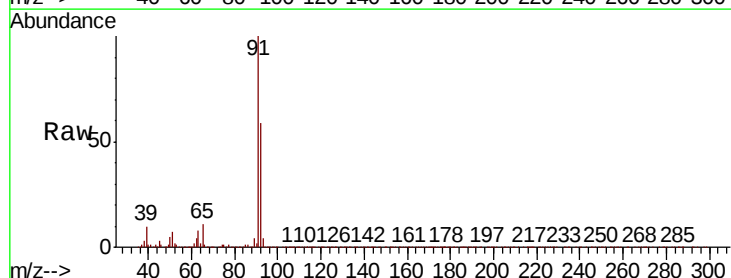
Acq: 10 Dec 2019 09:12

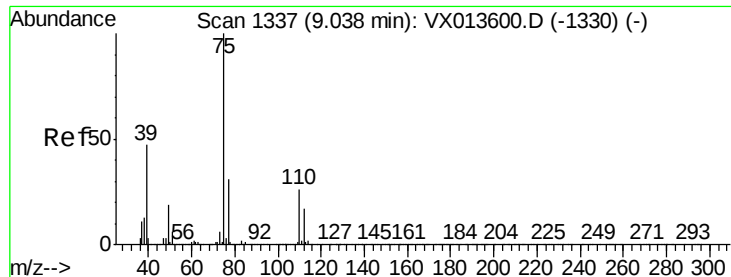
Tgt Ion: 92 Resp: 739307

Ion Ratio Lower Upper

92 100

91 170.1 136.2 204.2





#53

t-1,3-Dichloropropene

Concen: 45.982 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 412406

Ion Ratio Lower Upper

75 100

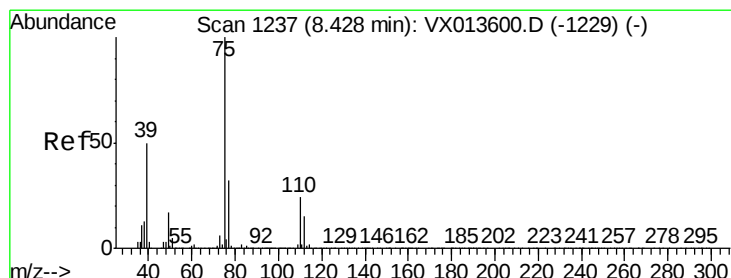
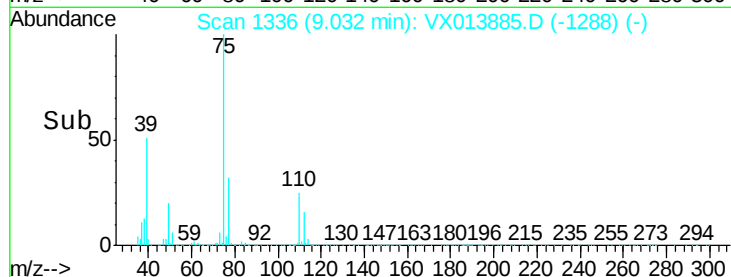
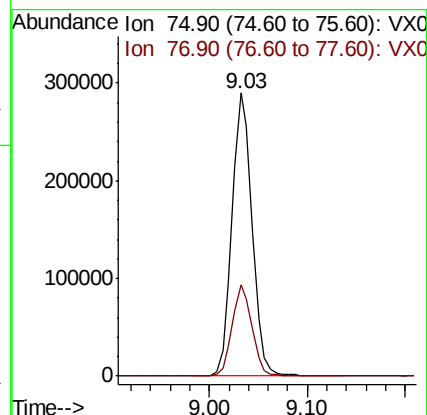
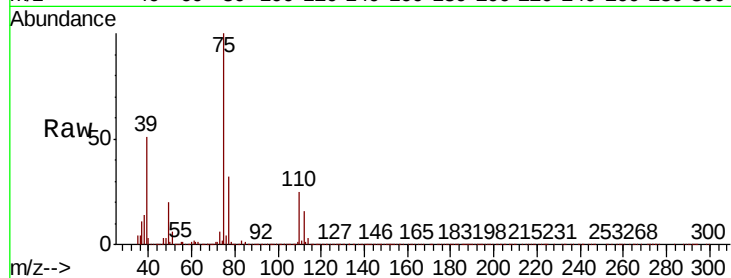
77 32.0 24.4 36.6

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#54

cis-1,3-Dichloropropene

Concen: 46.830 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

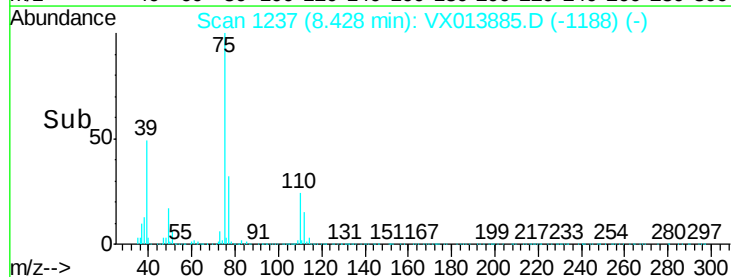
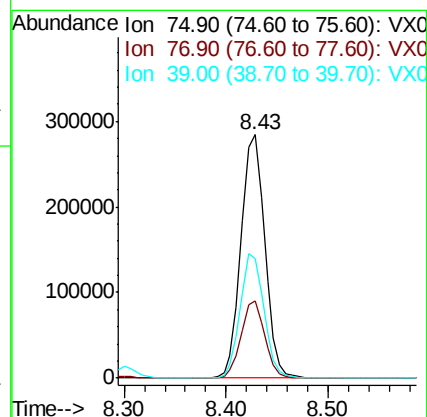
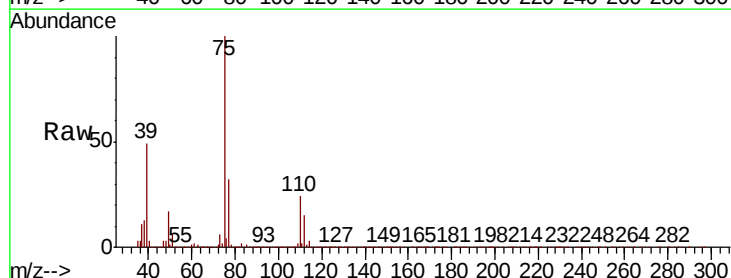
Tgt Ion: 75 Resp: 458874

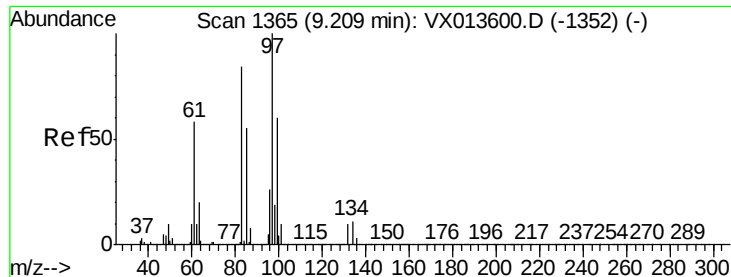
Ion Ratio Lower Upper

75 100

77 31.9 25.8 38.6

39 49.0 39.9 59.9





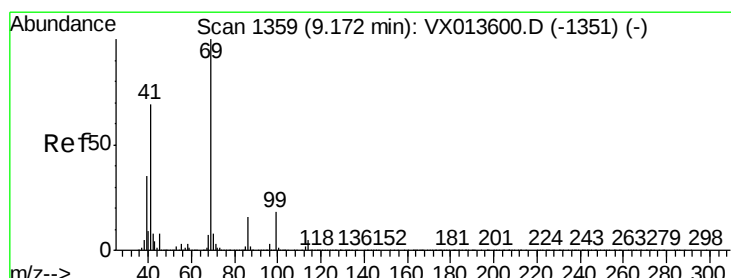
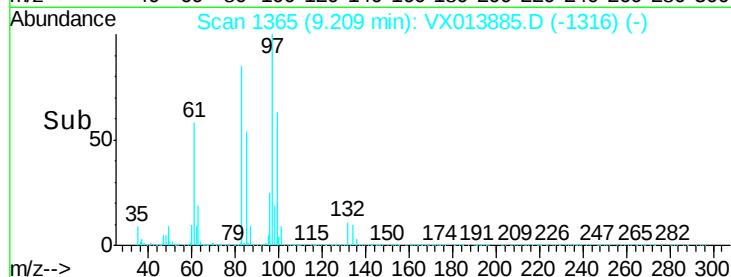
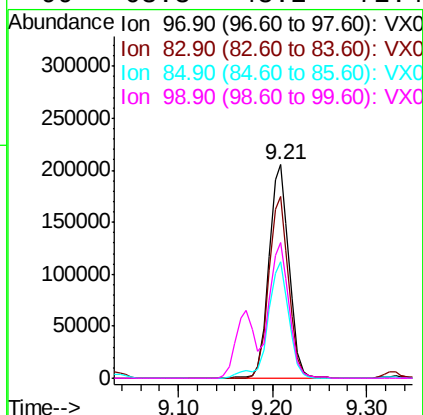
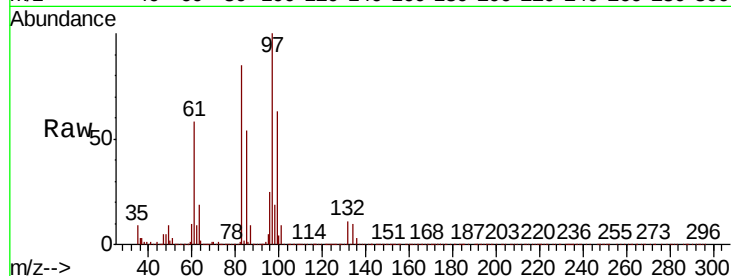
#55
 1,1,2-Trichloroethane
 Concen: 50.047 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013885.D
 Acq: 10 Dec 2019 09:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		307324		
83	84.8	67.3	100.9		
85	54.4	43.6	65.4		
99	63.3	48.2	72.4		

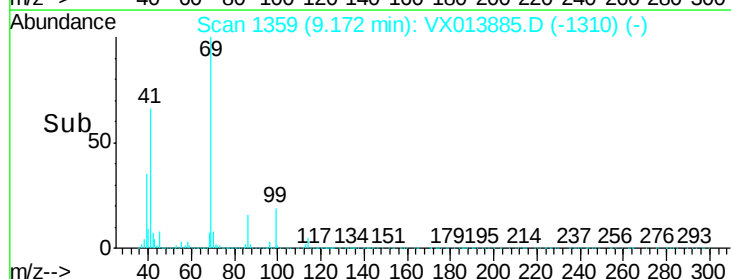
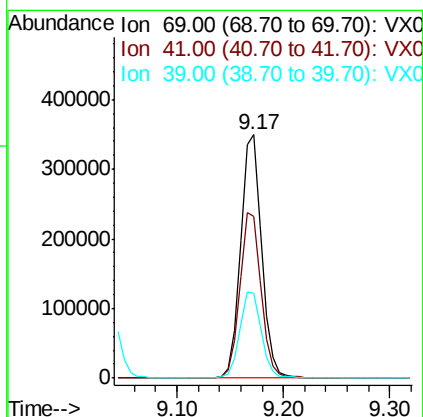
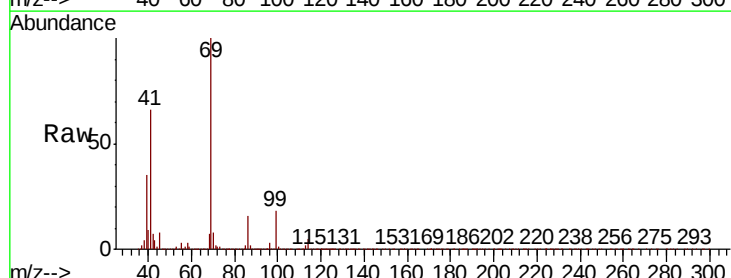
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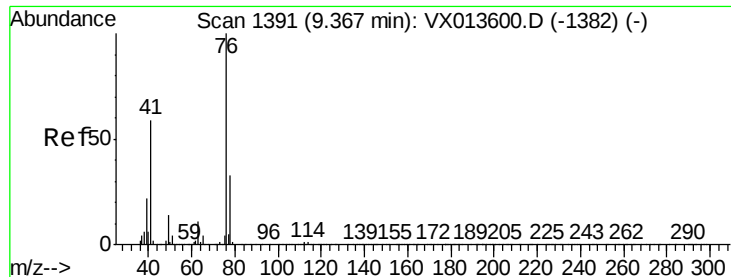
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#56
 Ethyl methacrylate
 Concen: 49.090 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX013885.D
 Acq: 10 Dec 2019 09:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		484650		
41	68.2	55.0	82.4		
39	36.1	28.7	43.1		





#57

1,3-Dichloropropane

Concen: 48.564 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 514027

Ion Ratio Lower Upper

76 100

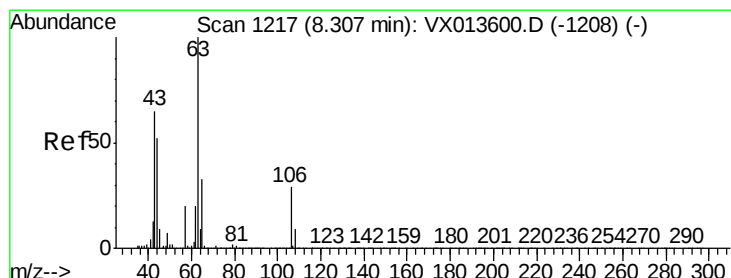
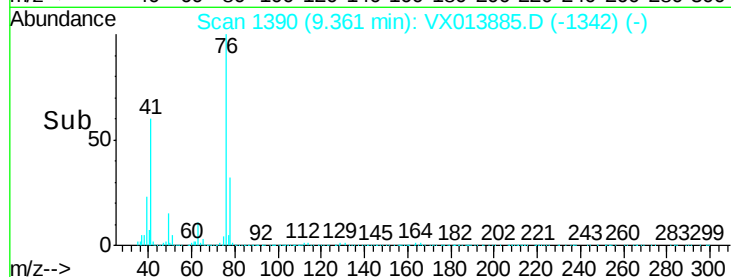
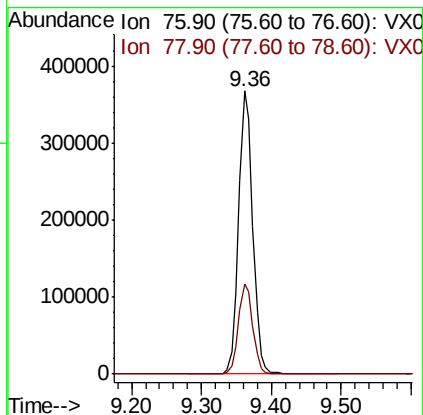
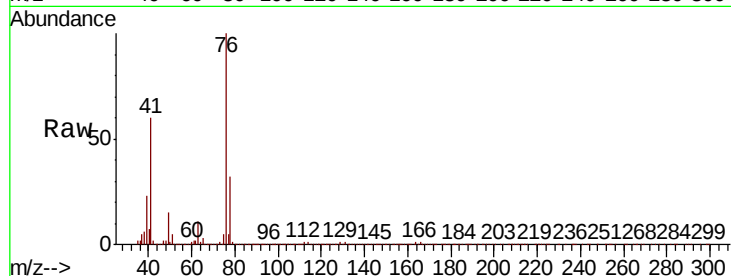
78 32.4 26.0 39.0

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#58

2-Chloroethyl Vinyl ether

Concen: 242.781 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX013885.D

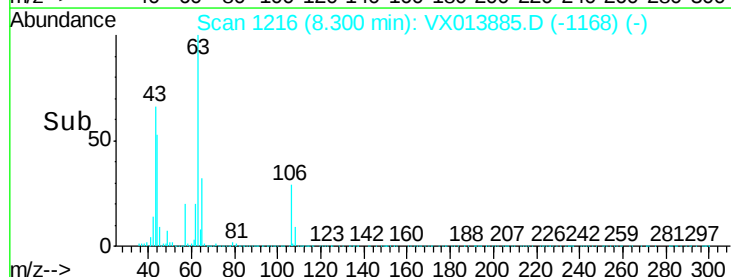
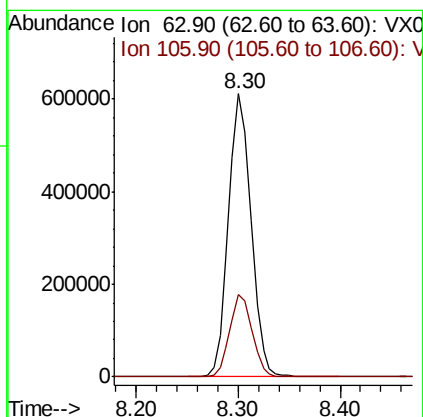
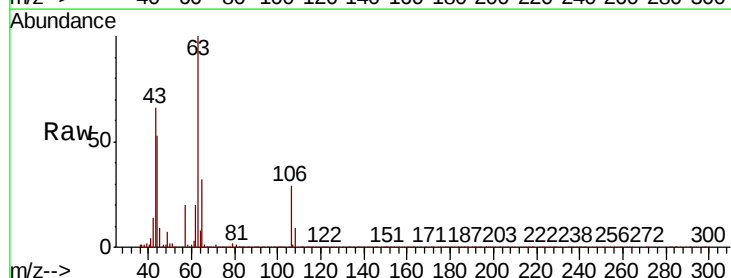
Acq: 10 Dec 2019 09:12

Tgt Ion: 63 Resp: 939765

Ion Ratio Lower Upper

63 100

106 29.0 23.4 35.0





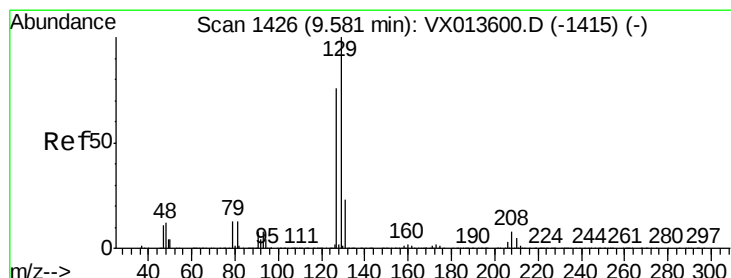
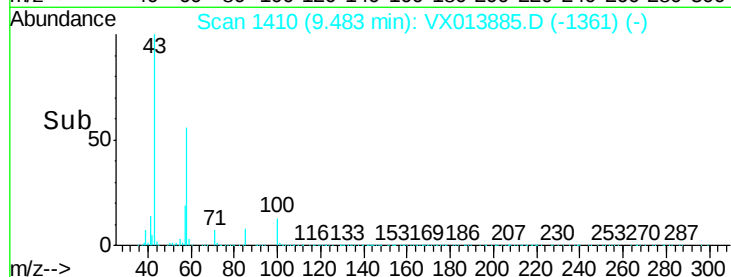
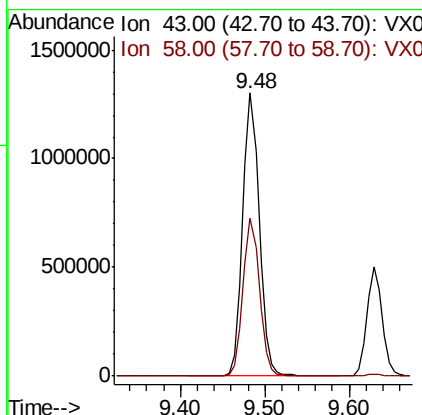
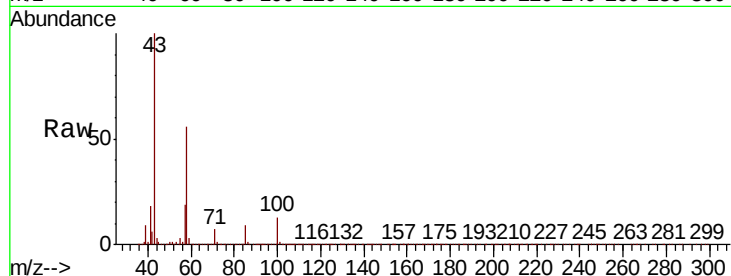
#59
2-Hexanone
Concen: 233.035 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX013885.D
Acq: 10 Dec 2019 09:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1700509
Ion Ratio Lower Upper
43 100
58 55.2 28.1 84.4

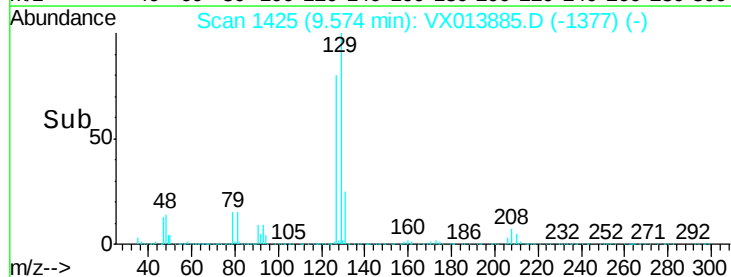
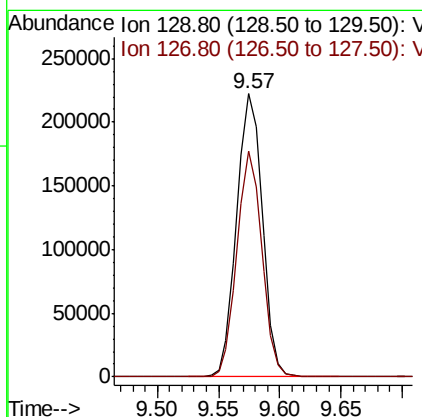
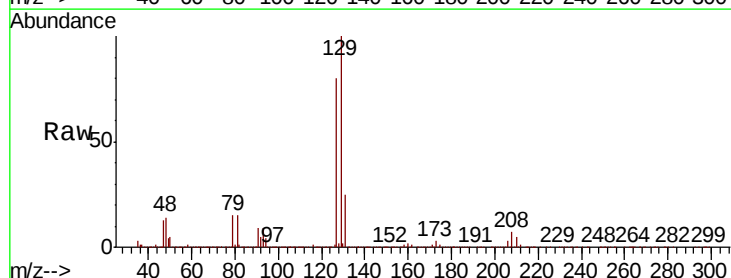
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#60
Dibromochloromethane
Concen: 50.844 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013885.D
Acq: 10 Dec 2019 09:12

Tgt Ion: 129 Resp: 324015
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.5





#61

1,2-Dibromoethane

Concen: 48.620 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 318875

Ion Ratio Lower Upper

107 100

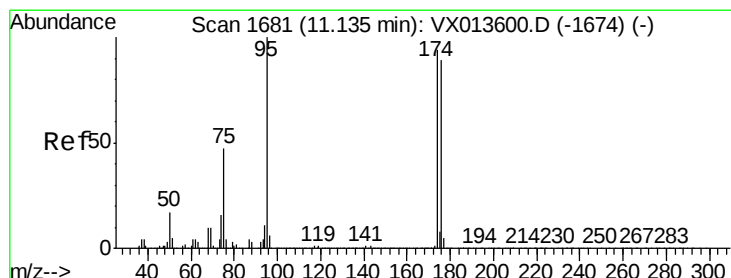
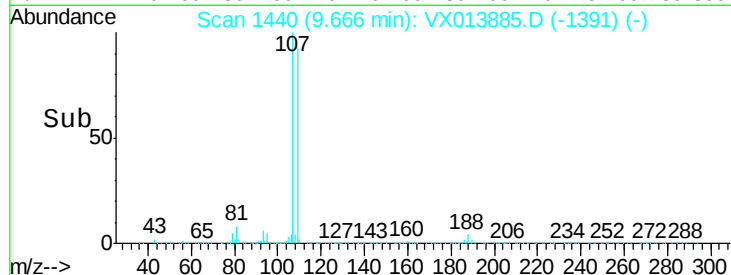
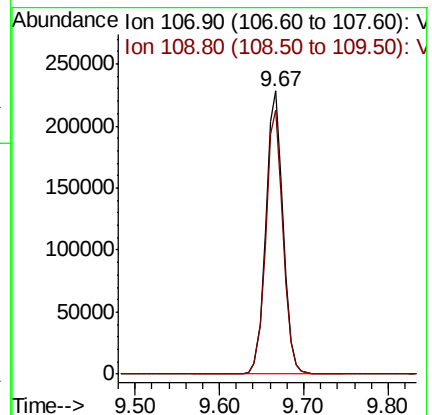
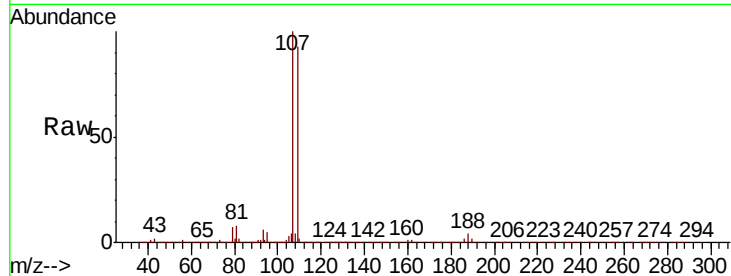
109 93.9 76.1 114.1

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#62

4-Bromofluorobenzene

Concen: 48.238 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

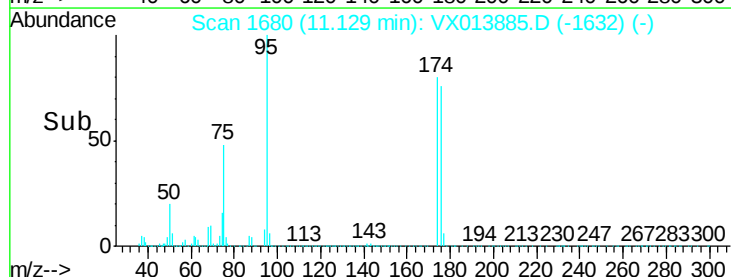
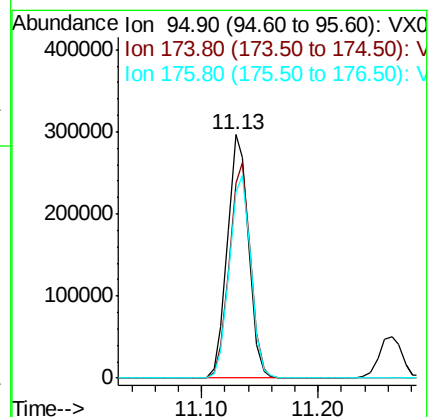
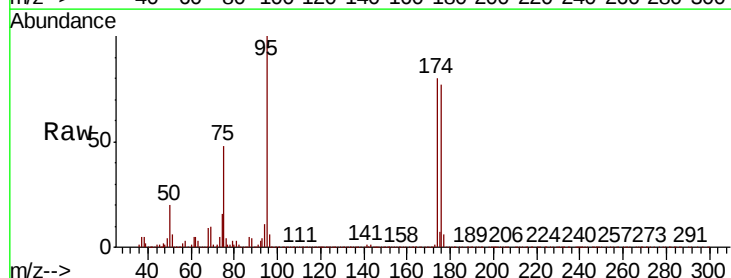
Tgt Ion: 95 Resp: 371716

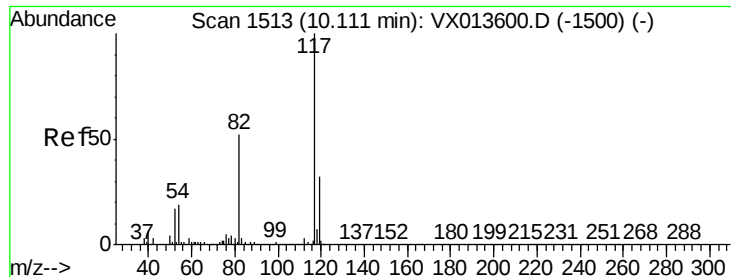
Ion Ratio Lower Upper

95 100

174 88.9 0.0 180.0

176 84.9 0.0 173.6





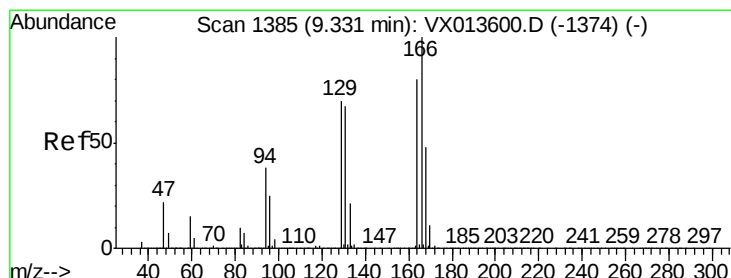
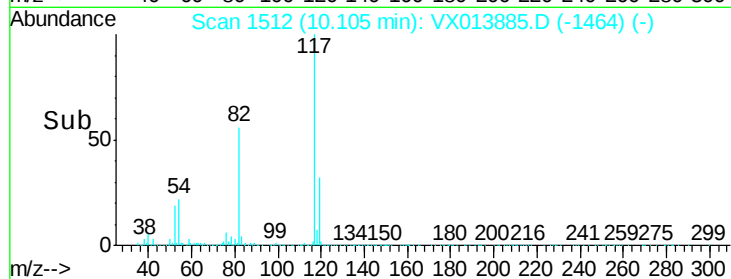
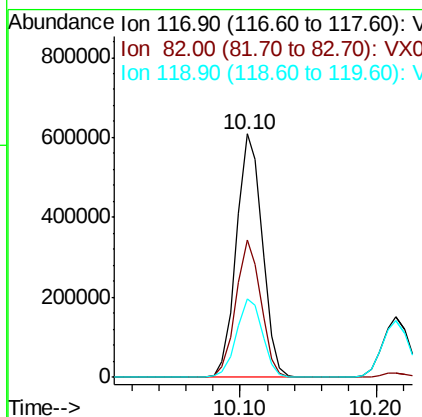
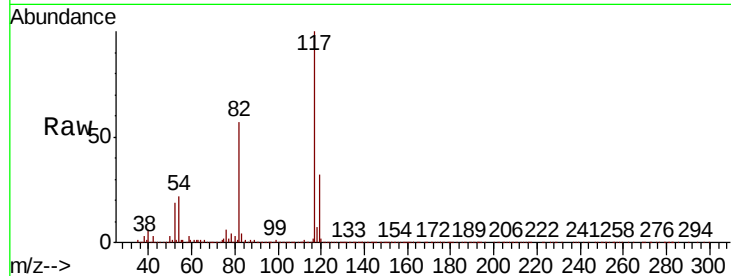
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013885.D
Acq: 10 Dec 2019 09:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.5	41.8	62.8
119	32.2	25.8	38.8

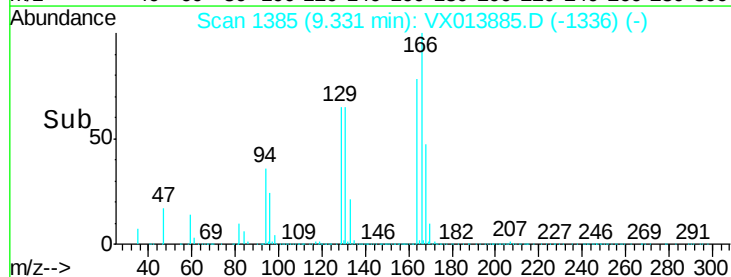
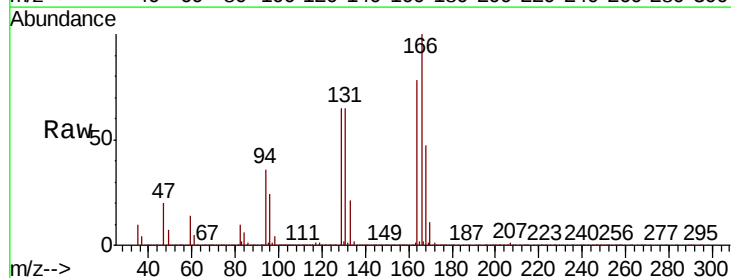
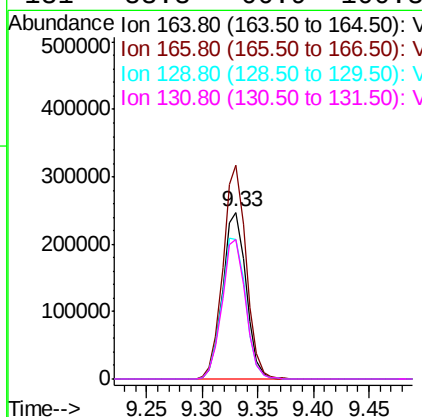
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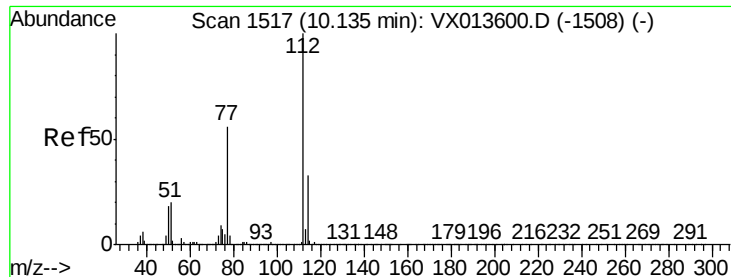
apatel
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#64
Tetrachloroethene
Concen: 59.710 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013885.D
Acq: 10 Dec 2019 09:12

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.9	99.7	149.5
129	83.4	70.1	105.1
131	83.3	66.9	100.3





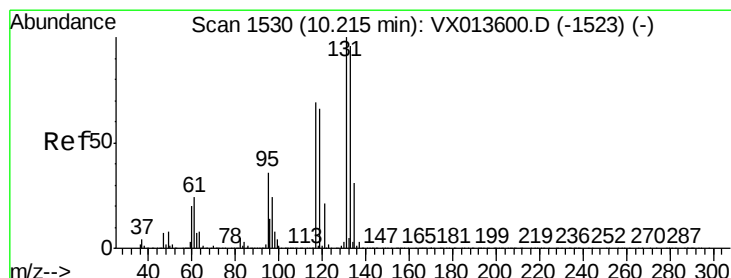
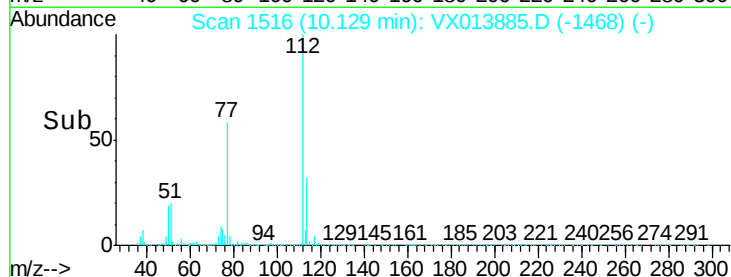
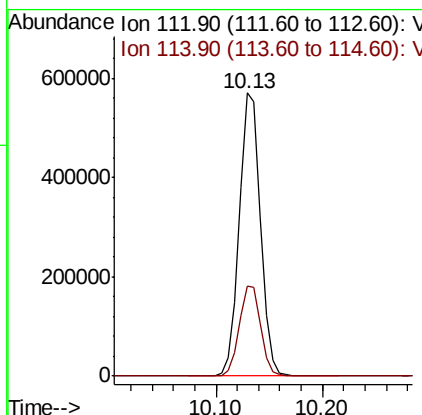
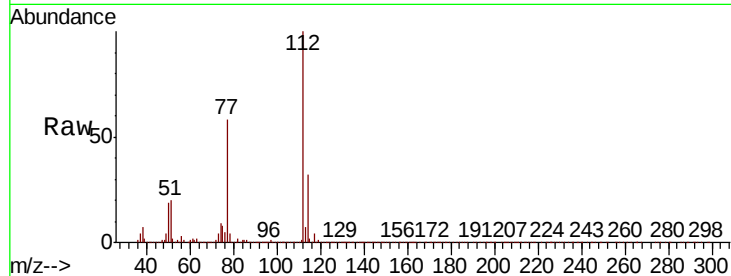
#65
Chlorobenzene
Concen: 47.570 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX013885.D
Acq: 10 Dec 2019 09:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.0	26.1	39.1

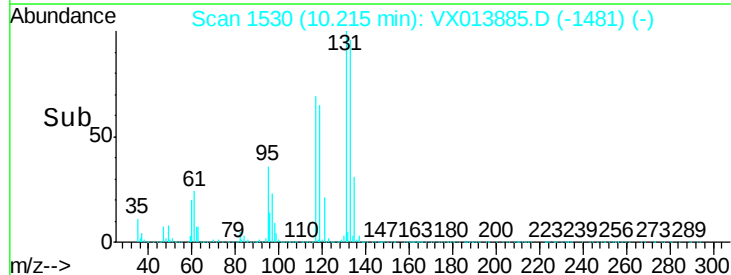
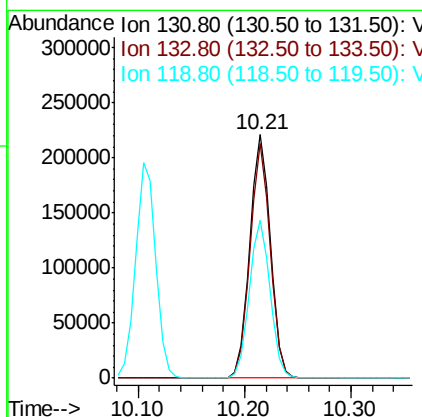
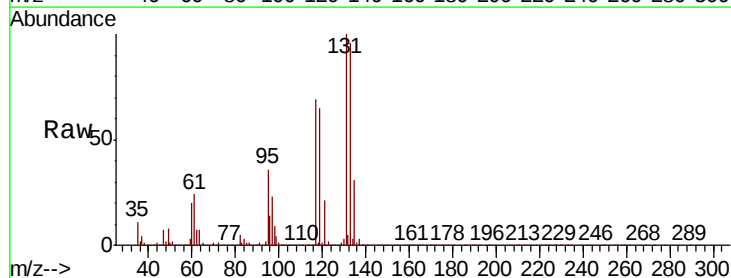
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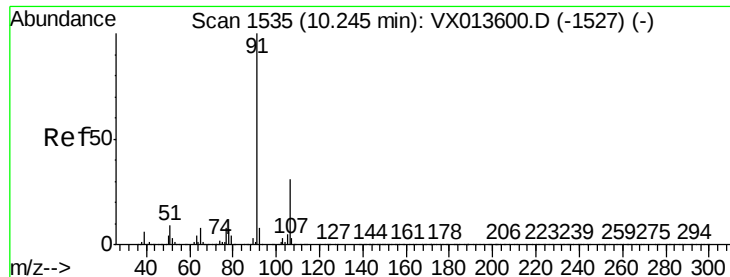
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.011 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013885.D
Acq: 10 Dec 2019 09:12

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.6	47.7	143.1
119	65.5	32.9	98.6





#67

Ethyl Benzene

Concen: 48.866 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1408971

Ion Ratio Lower Upper

91 100

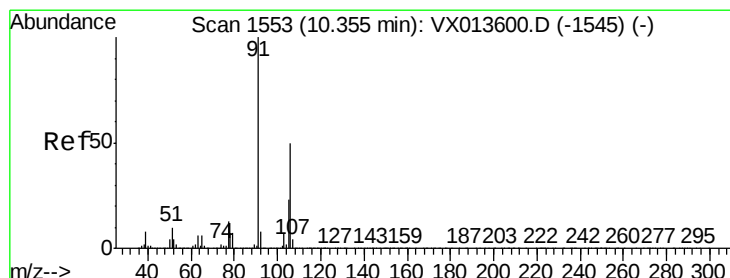
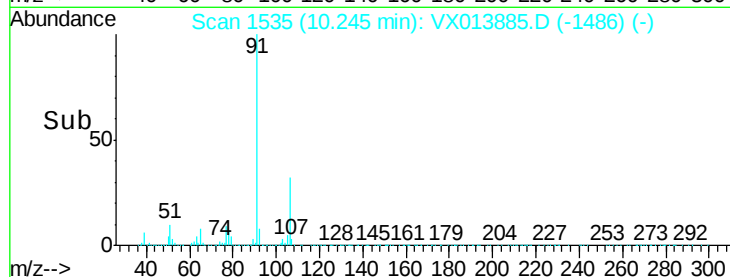
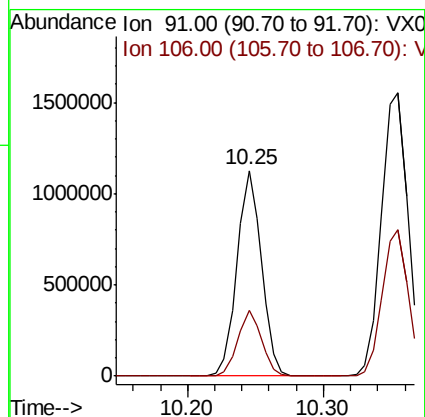
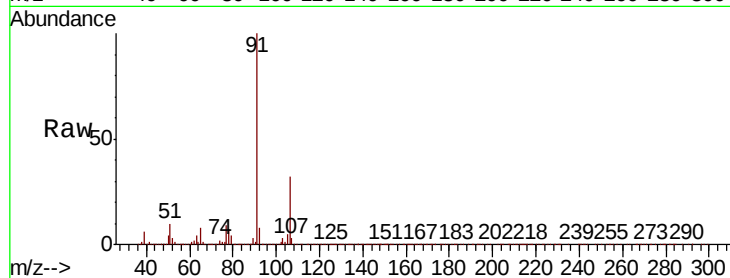
106 31.7 24.5 36.7

Manual Integrations

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#68

m/p-Xylenes

Concen: 96.956 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013885.D

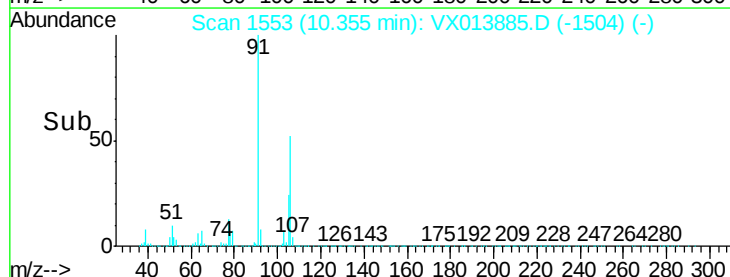
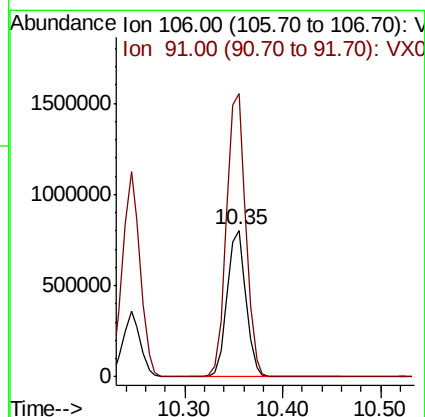
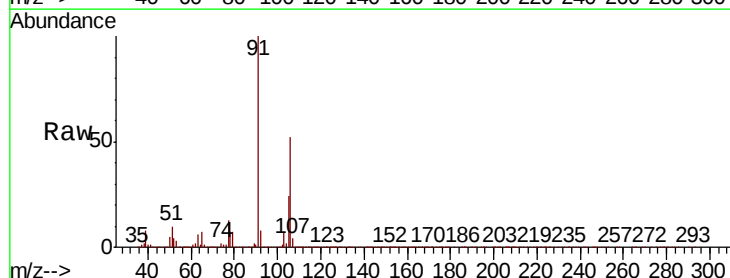
Acq: 10 Dec 2019 09:12

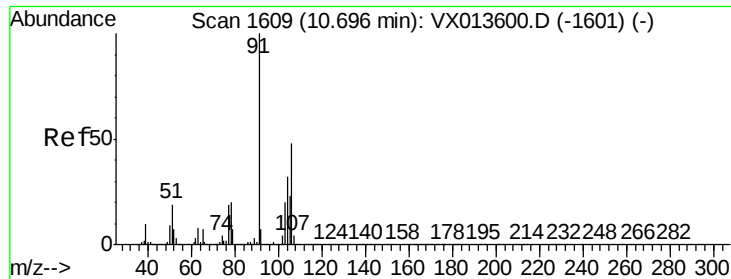
Tgt Ion: 106 Resp: 1070292

Ion Ratio Lower Upper

106 100

91 197.7 159.0 238.4





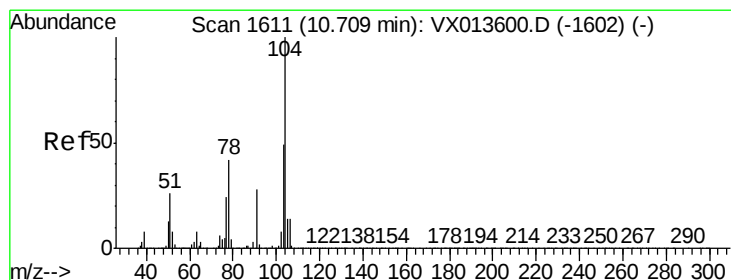
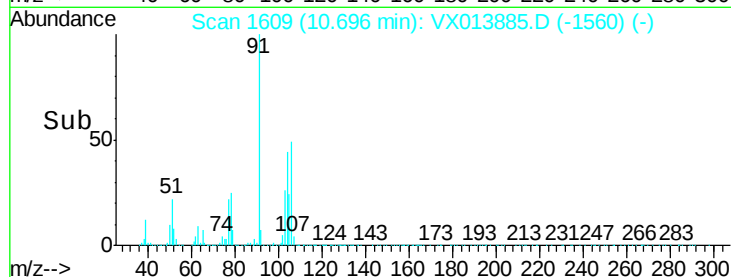
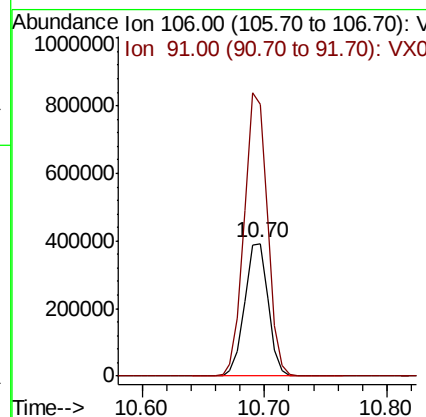
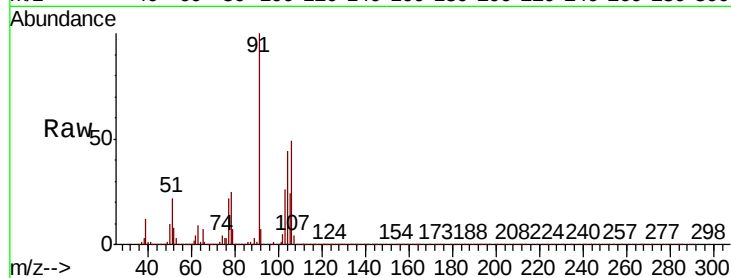
#69
o-Xylene
Concen: 48.364 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013885.D
Acq: 10 Dec 2019 09:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	209.8	104.1	312.2

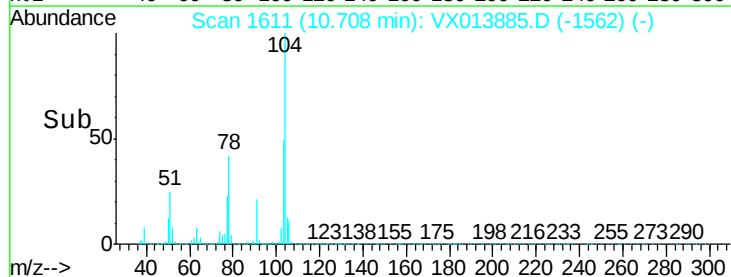
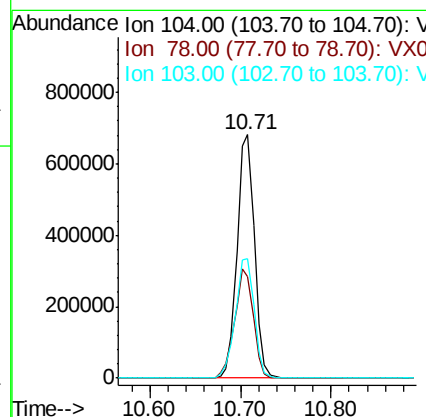
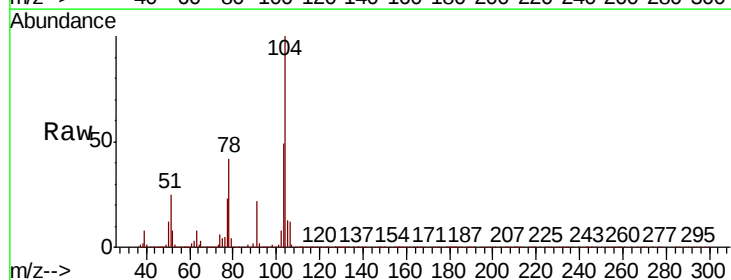
Manual Integrations
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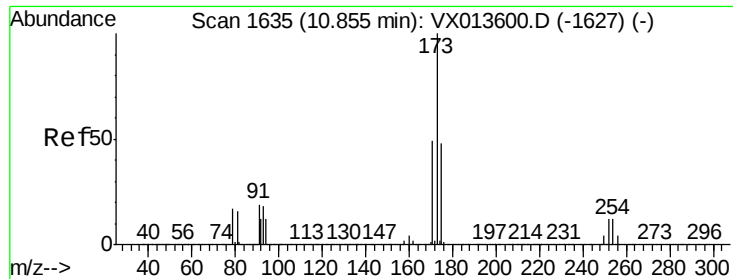
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#70
Styrene
Concen: 49.948 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013885.D
Acq: 10 Dec 2019 09:12

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.4	38.5	57.7
103	53.9	43.7	65.5





#71

Bromoform

Concen: 50.047 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

Instrument :

MSVOA_X

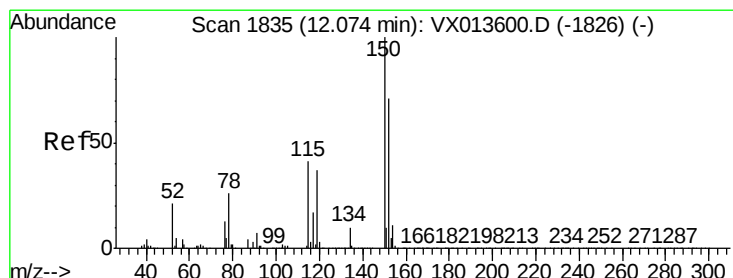
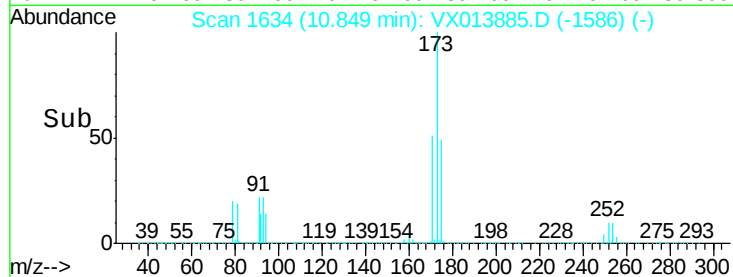
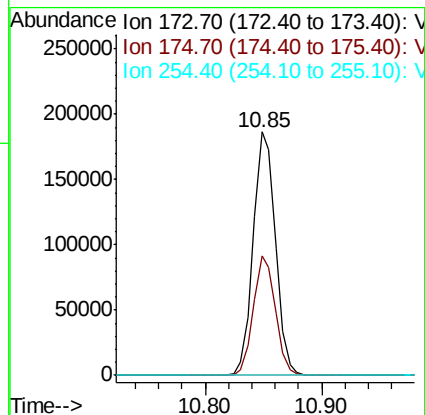
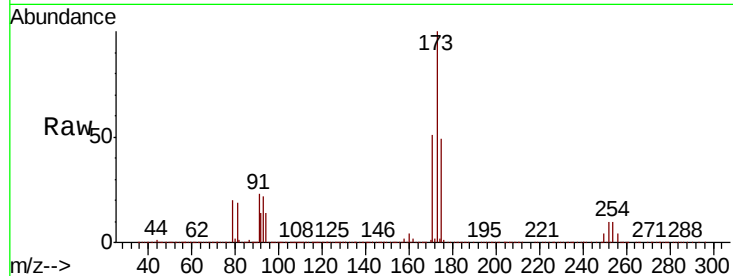
ClientSampleId :

VSTDCCC050EC

Tot Ion:	173	Resp:	249507
Ion Ratio	Lower	Upper	
173	100		
175	48.5	24.3	72.8
254	0.1	0.2	0.4

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

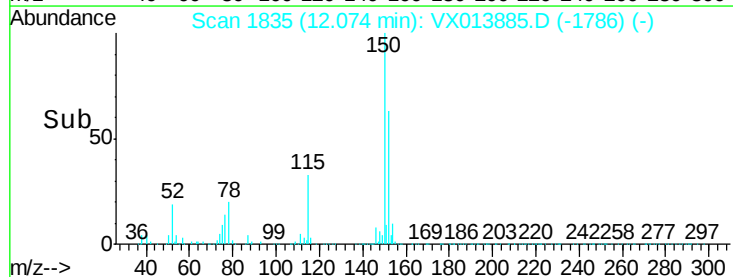
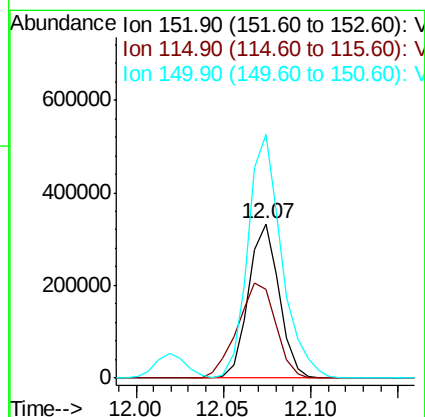
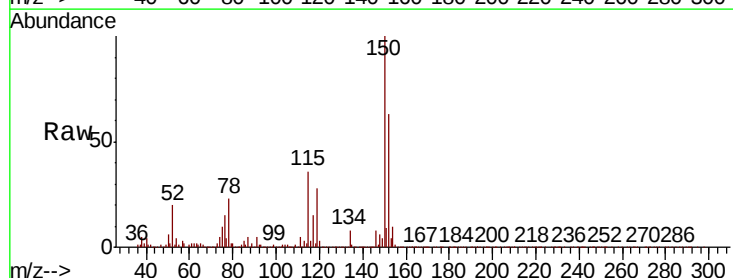
RT: 12.07 min Scan# 1835

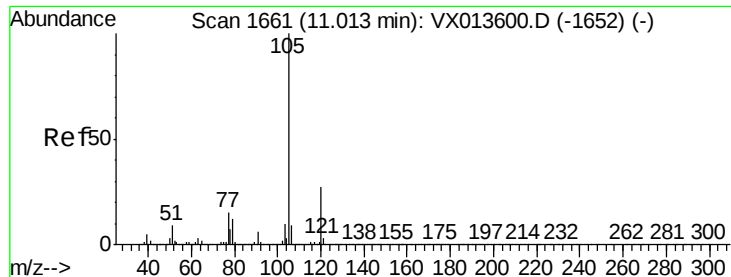
Delta R.T. -0.00 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

Tgt Ion:	152	Resp:	403025
Ion Ratio	Lower	Upper	
152	100		
115	77.1	38.4	115.1
150	174.3	0.0	346.8





#73

Isopropylbenzene

Concen: 48.975 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1384557

Ion Ratio Lower Upper

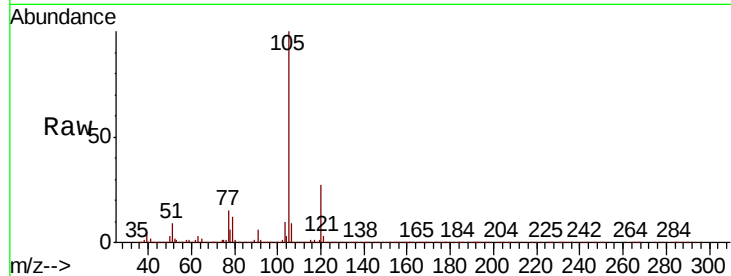
105 100

120 27.1 13.5 40.5

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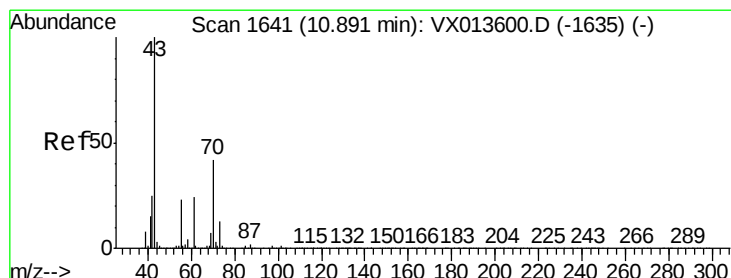
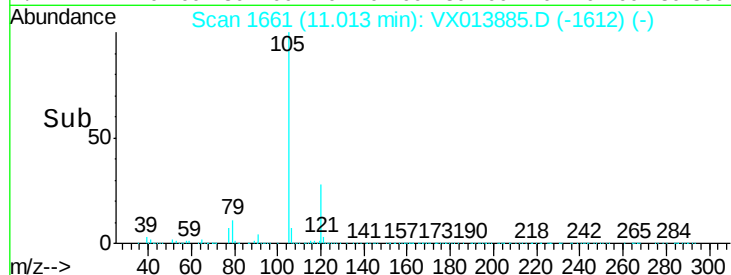
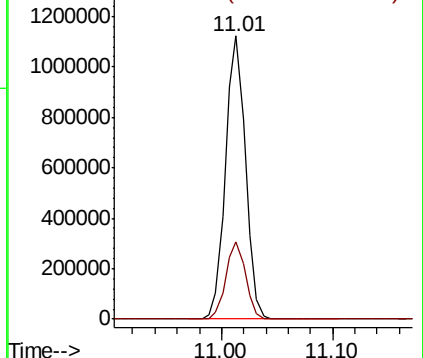
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.598 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

Tgt Ion: 43 Resp: 642311

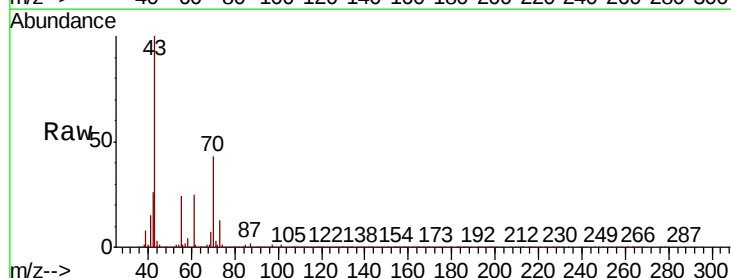
Ion Ratio Lower Upper

43 100

70 43.3 34.3 51.5

55 23.7 18.5 27.7

61 24.6 19.8 29.8

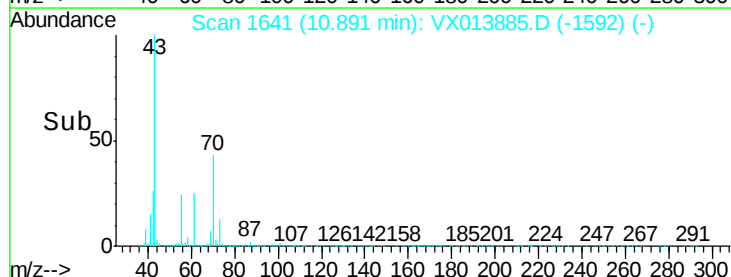
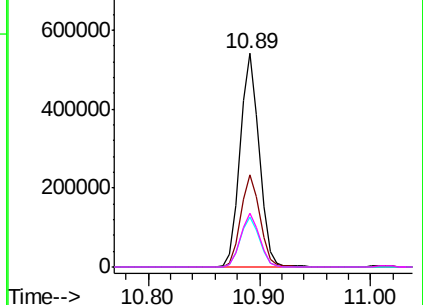


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.257 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 473118

Ion Ratio Lower Upper

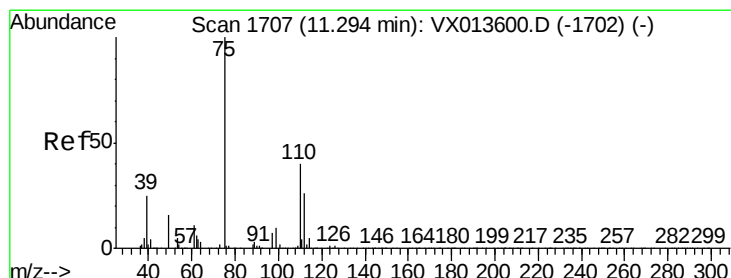
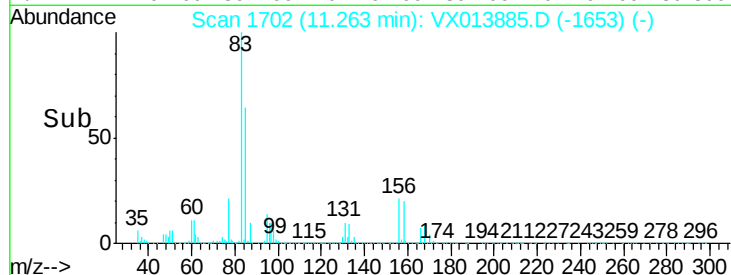
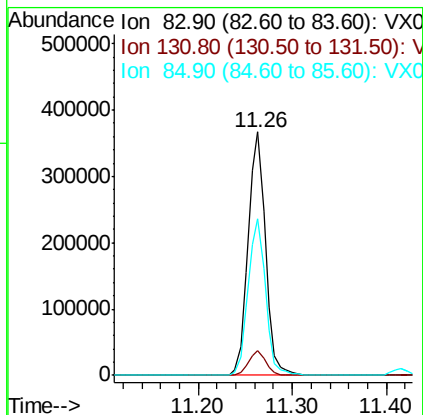
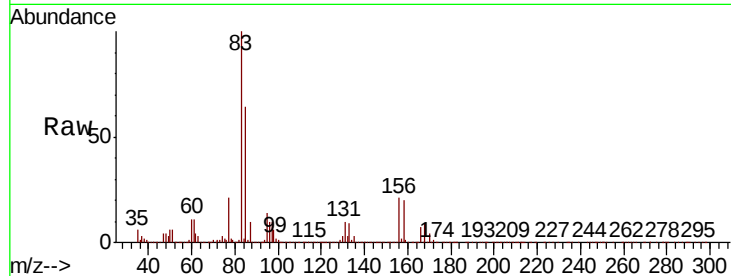
83 100

131 10.1 5.1 15.3

85 64.6 31.8 95.3

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#76

1,2,3-Trichloropropane

Concen: 48.217 ug/l m

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX013885.D

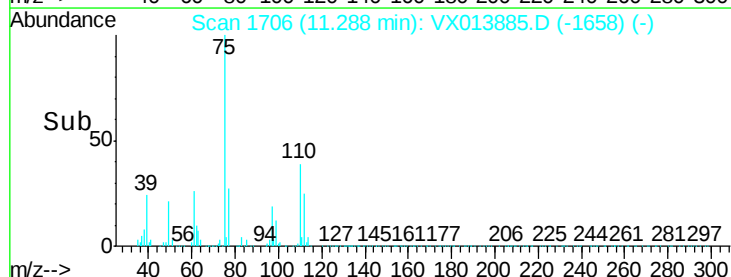
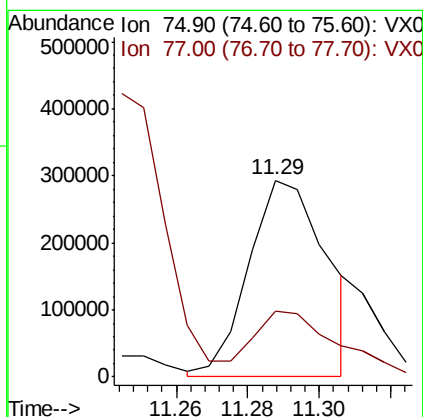
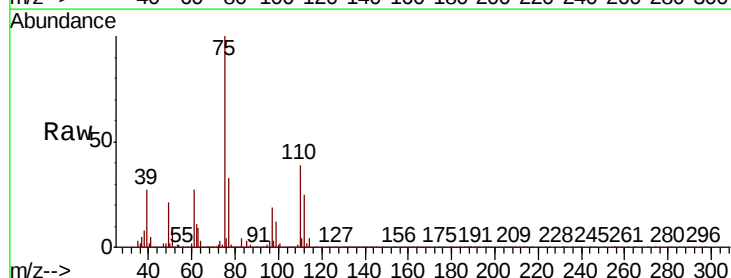
Acq: 10 Dec 2019 09:12

Tgt Ion: 75 Resp: 437075

Ion Ratio Lower Upper

75 100

77 37.8 19.1 57.5





#77

Bromobenzene

Concen: 47.504 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

Instrument :

MSVOA_X

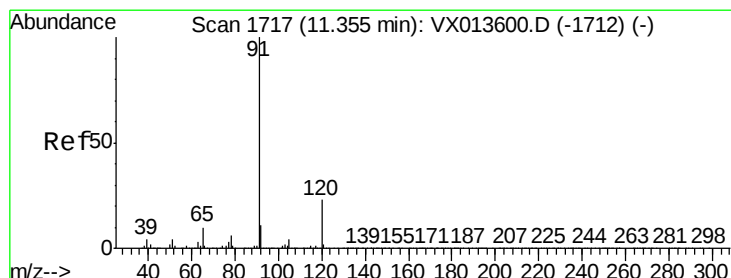
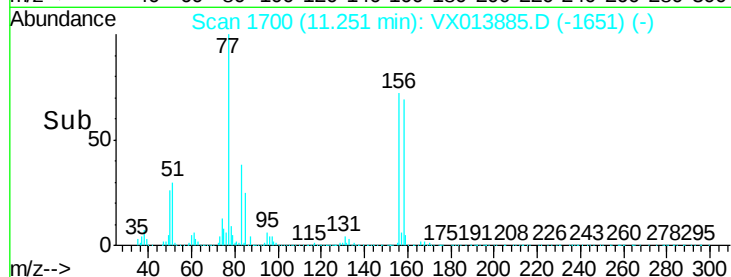
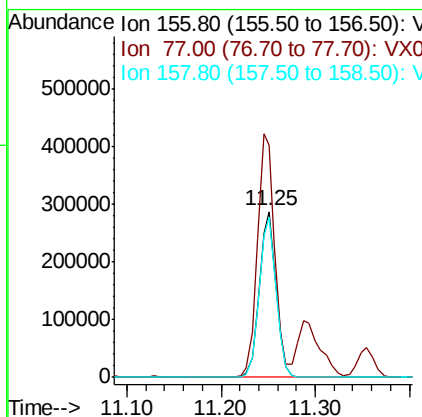
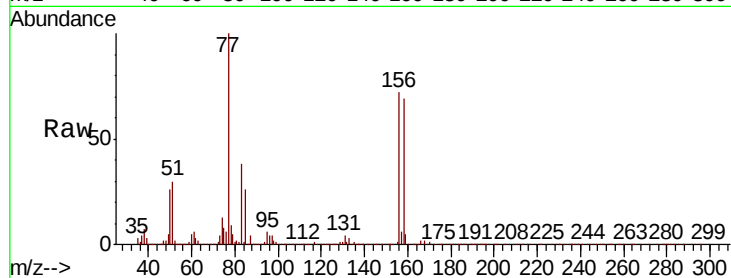
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	362806
Ion Ratio	Lower	Upper	
156	100		
77	150.1	74.4	223.1
158	97.7	48.9	146.6

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#78

n-propylbenzene

Concen: 49.721 ug/l

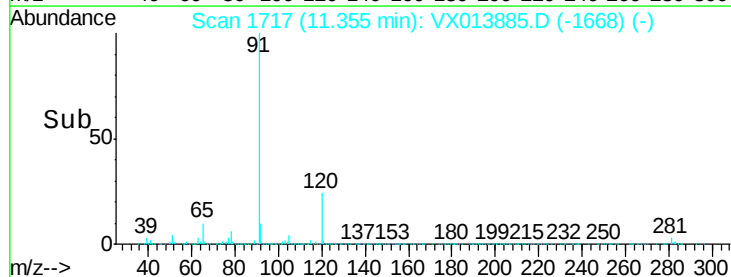
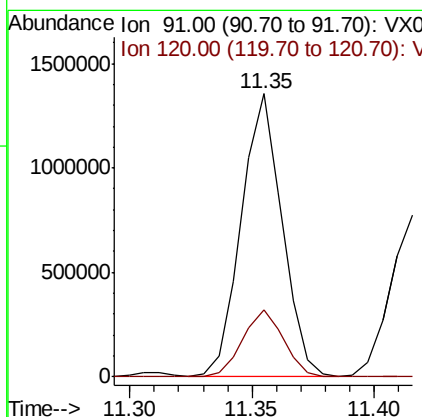
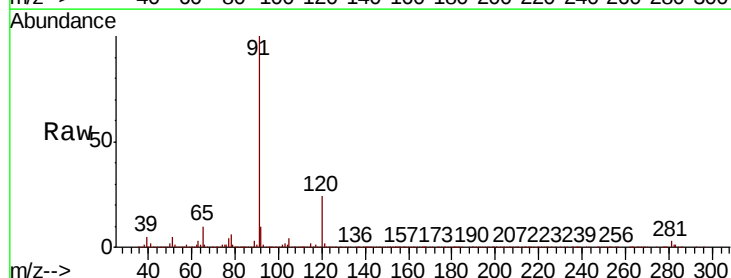
RT: 11.35 min Scan# 1717

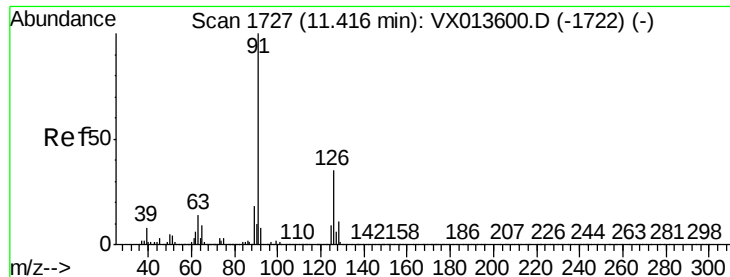
Delta R.T. -0.00 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

Tgt Ion:	91	Resp:	1569121
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.8	35.3





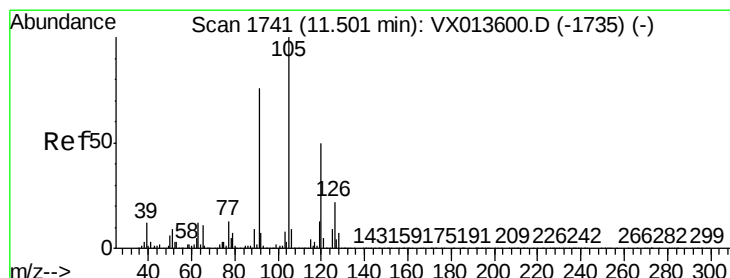
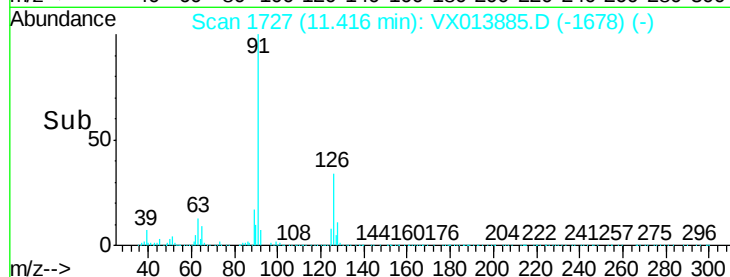
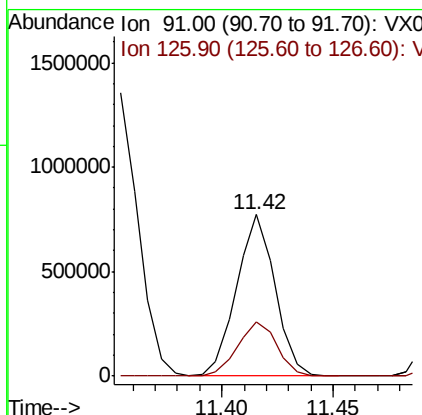
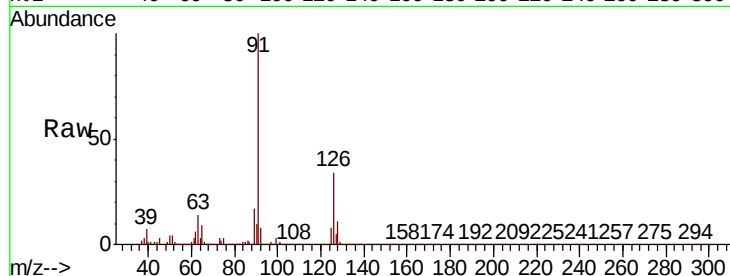
#79
2-Chlorotoluene
Concen: 48.933 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VX013885.D
Acq: 10 Dec 2019 09:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
126	34.8	17.5	52.5

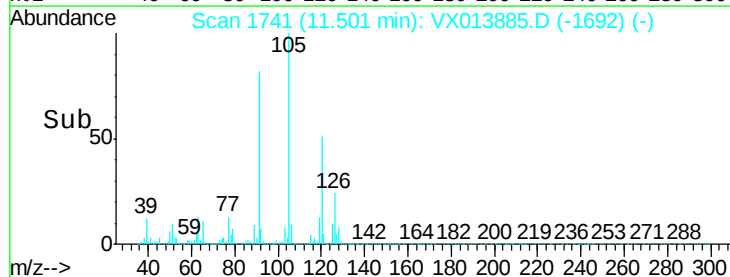
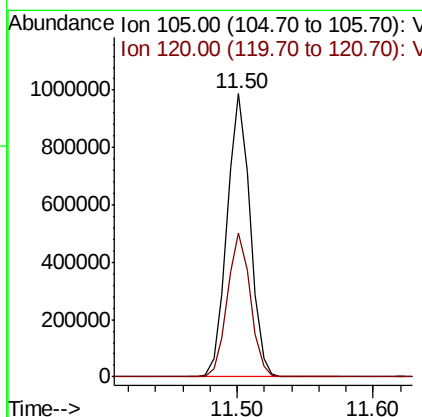
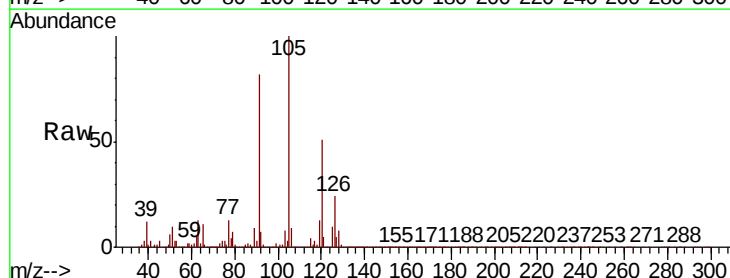
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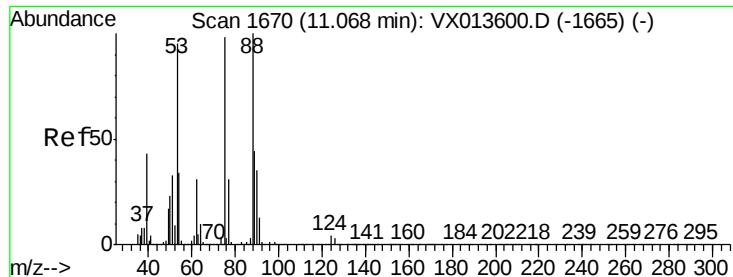
apatel
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#80
1,3,5-Trimethylbenzene
Concen: 49.850 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX013885.D
Acq: 10 Dec 2019 09:12

Tgt Ion	Ratio	Lower	Upper
105	100		
120	50.9	25.3	75.9





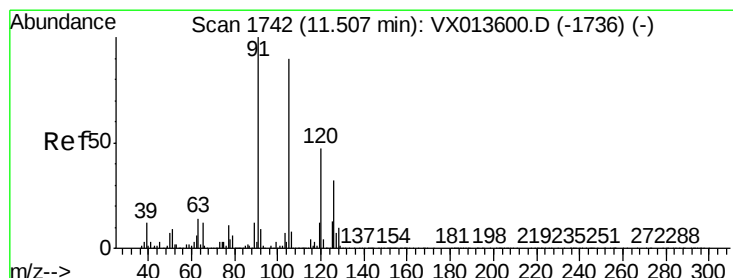
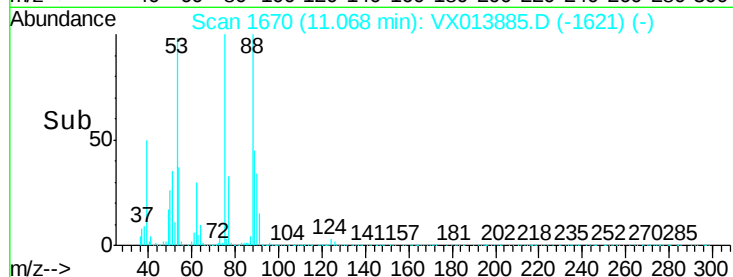
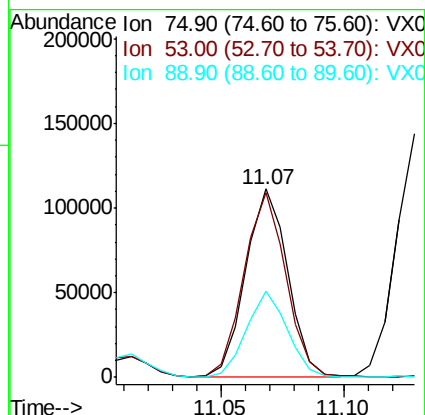
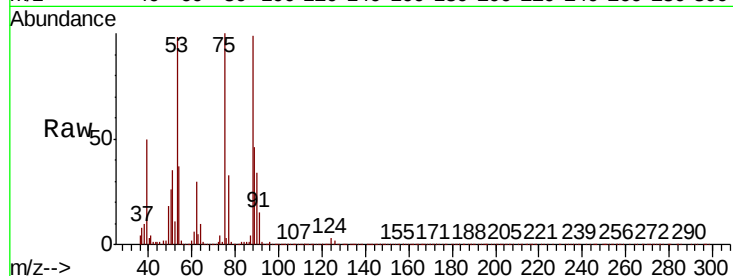
#81
trans-1,4-Dichloro-2-butene
Concen: 40.001 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX013885.D
Acq: 10 Dec 2019 09:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	99.3	78.2	117.2
89	44.5	35.4	53.2

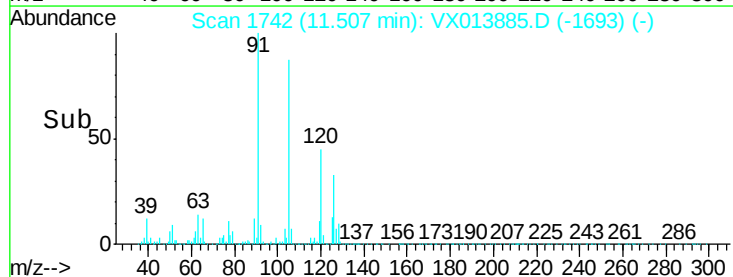
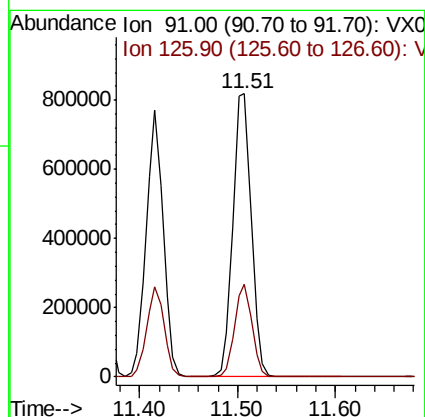
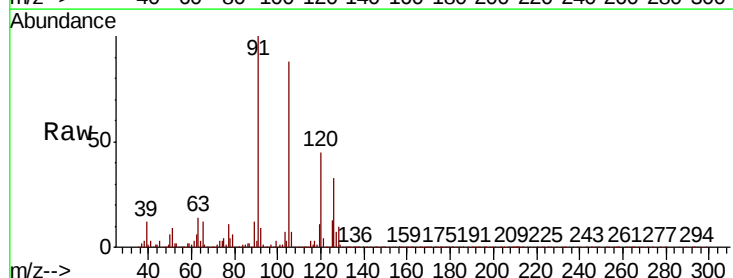
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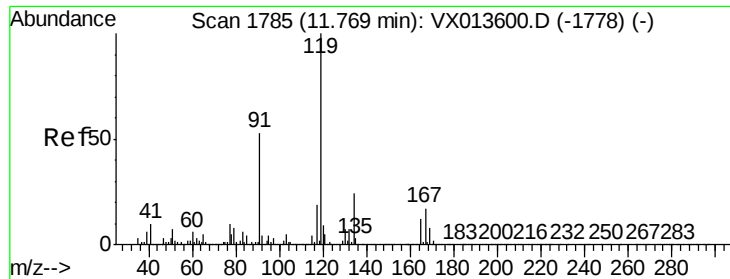
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#82
4-Chlorotoluene
Concen: 48.892 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013885.D
Acq: 10 Dec 2019 09:12

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.8	15.7	47.0





#83

tert-Butylbenzene

Concen: 46.431 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

Instrument :

MSVOA_X

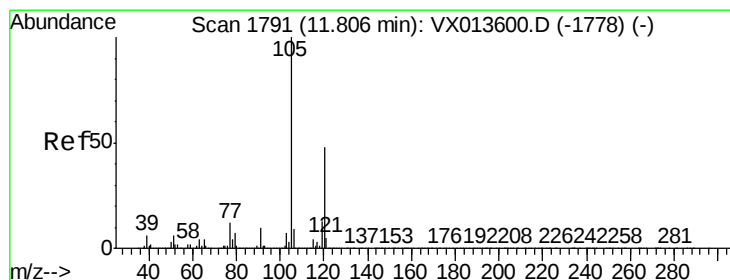
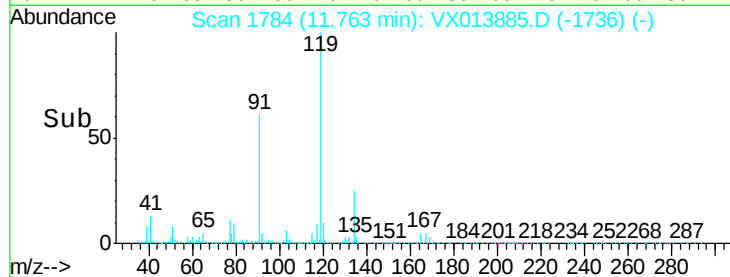
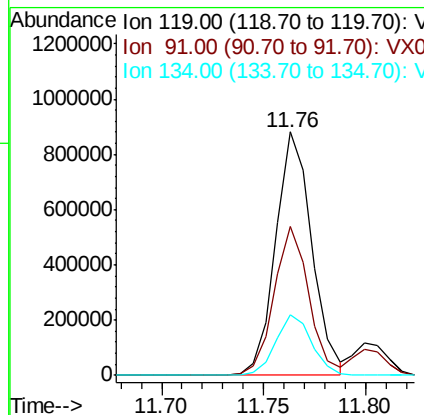
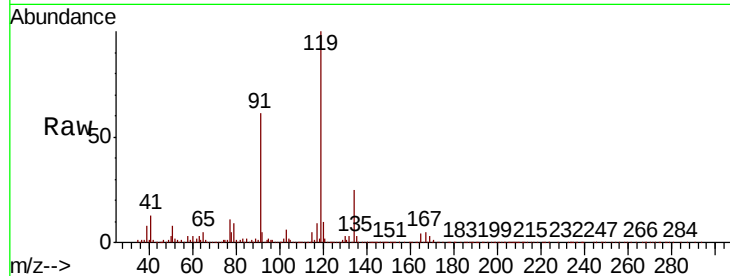
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	1093351
Ion	Ratio	Lower	Upper
119	100		
91	58.4	27.2	81.6
134	24.6	11.7	35.1

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#84

1,2,4-Trimethylbenzene

Concen: 48.937 ug/l

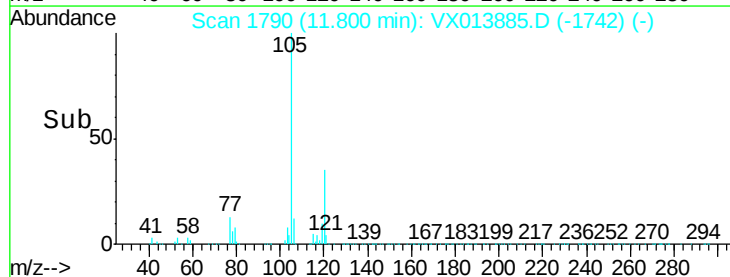
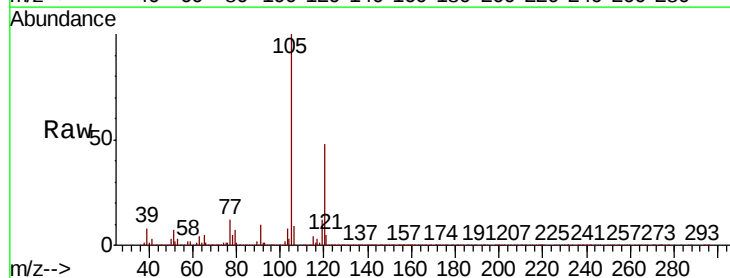
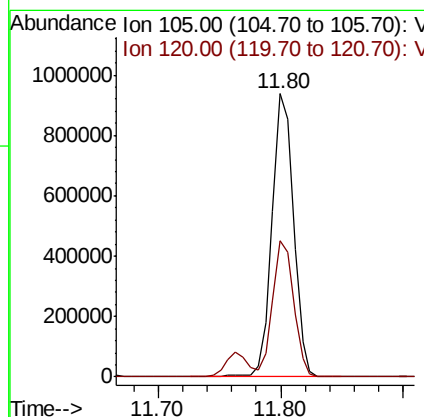
RT: 11.80 min Scan# 1790

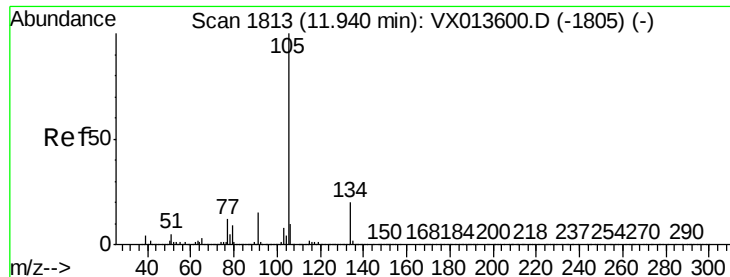
Delta R.T. -0.01 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

Tgt Ion:	105	Resp:	1150781
Ion	Ratio	Lower	Upper
105	100		
120	46.8	23.1	69.3





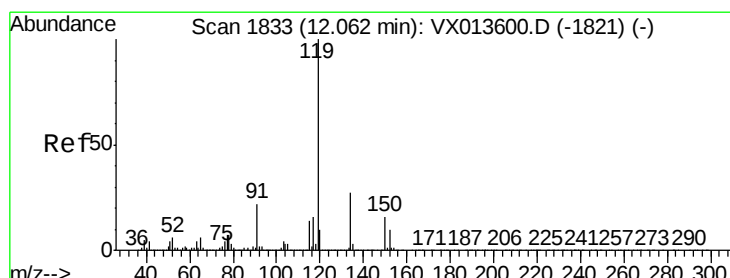
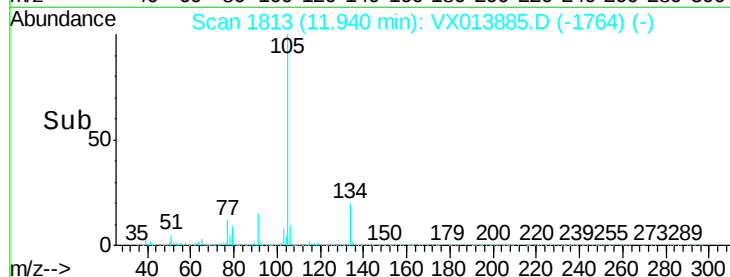
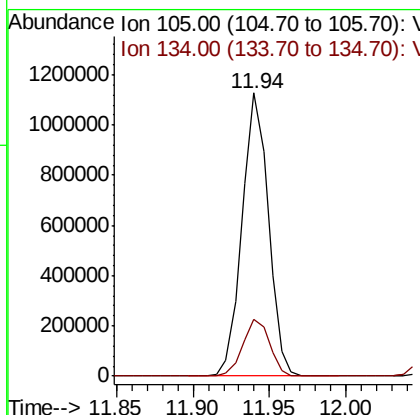
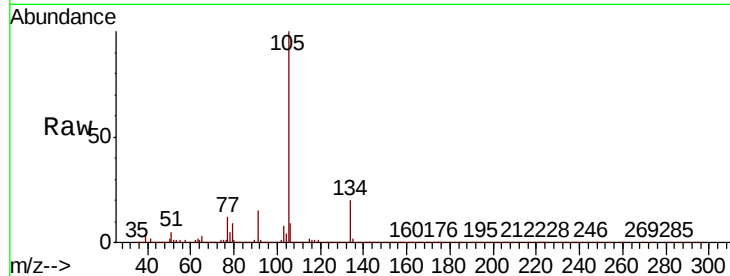
#85
 sec-Butylbenzene
 Concen: 49.893 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013885.D
 Acq: 10 Dec 2019 09:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:105 Resp: 1341959
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.4 31.2

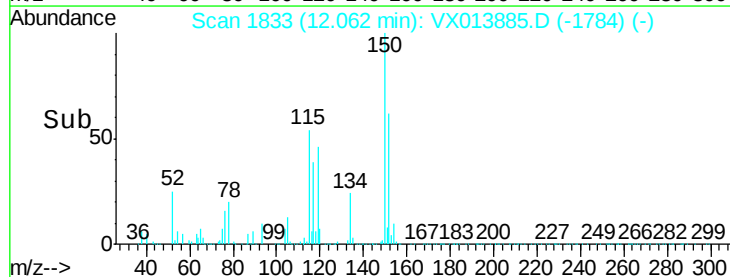
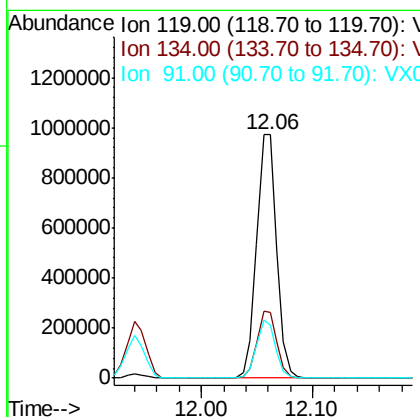
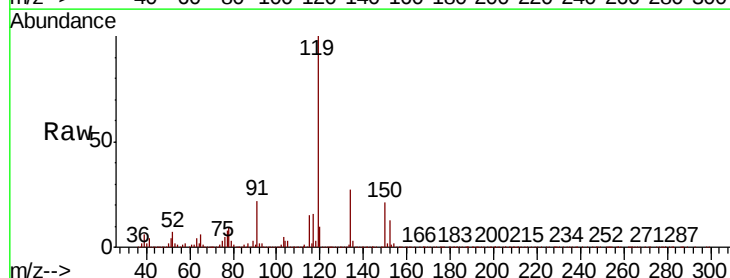
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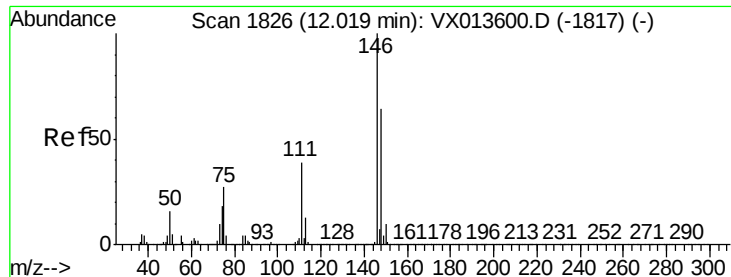
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#86
 p-Isopropyltoluene
 Concen: 48.837 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX013885.D
 Acq: 10 Dec 2019 09:12

Tgt Ion:119 Resp: 1222007
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.3 39.9
 91 22.6 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 47.926 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX013885.D

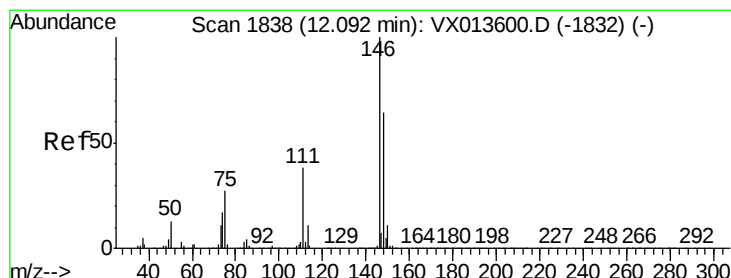
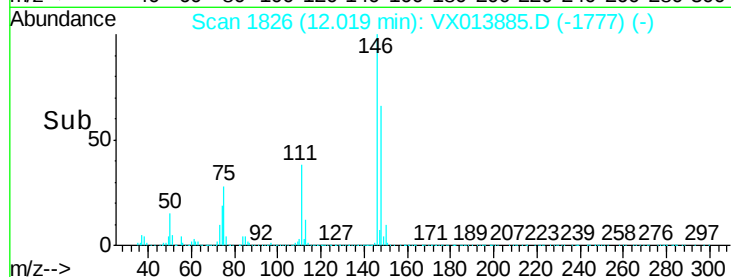
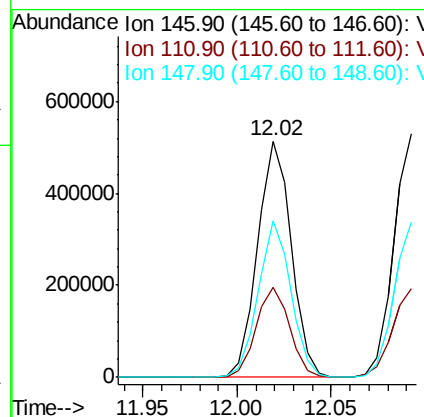
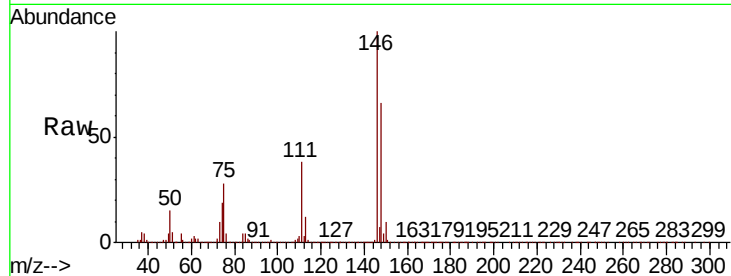
Acq: 10 Dec 2019 09:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	19.0	57.0
148	64.1	31.8	95.4

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#88

1,4-Dichlorobenzene

Concen: 47.332 ug/l

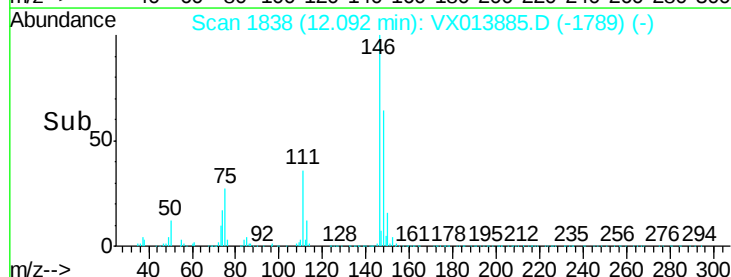
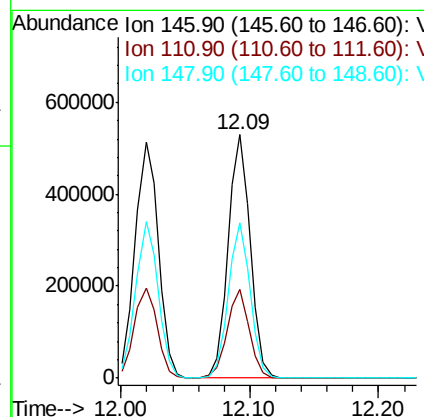
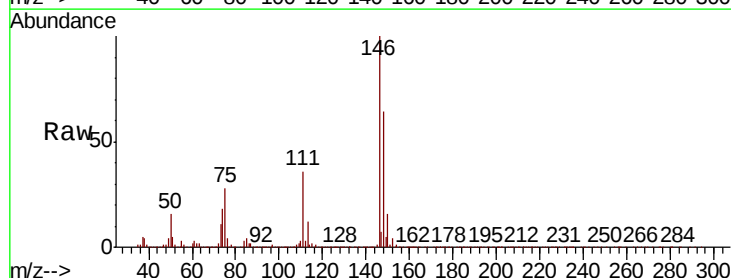
RT: 12.09 min Scan# 1838

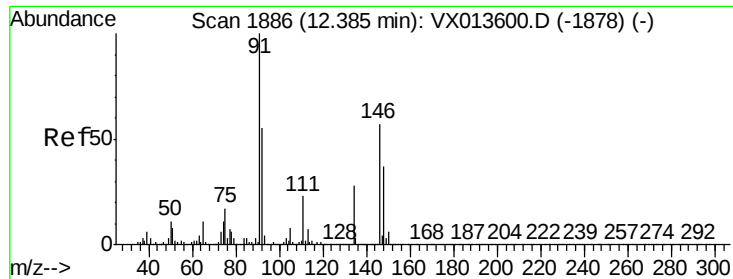
Delta R.T. -0.00 min

Lab File: VX013885.D

Acq: 10 Dec 2019 09:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.9	56.9
148	63.3	31.9	95.5





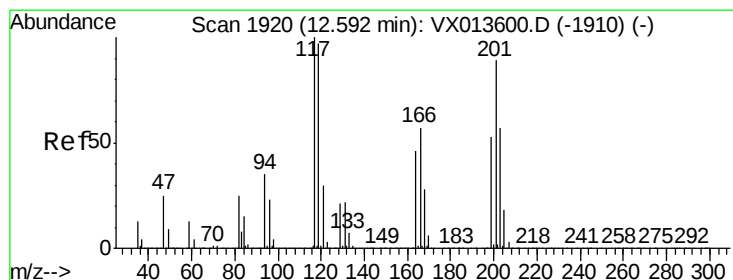
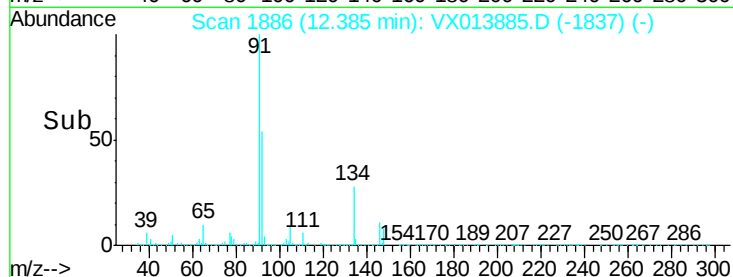
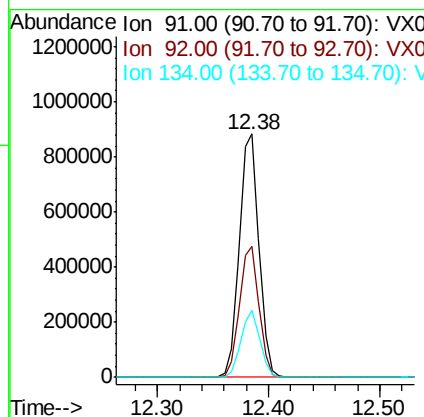
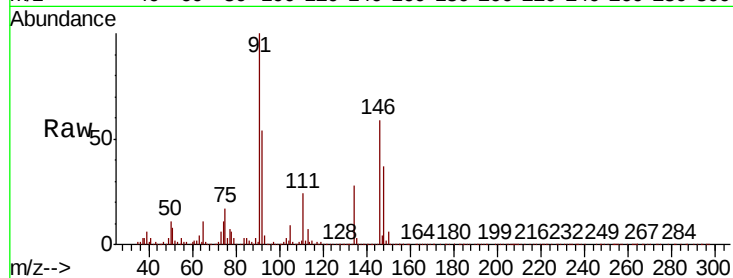
#89
n-Butylbenzene
Concen: 50.180 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013885.D
Acq: 10 Dec 2019 09:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1070908
Ion Ratio Lower Upper
91 100
92 53.8 27.4 82.2
134 26.7 13.5 40.4

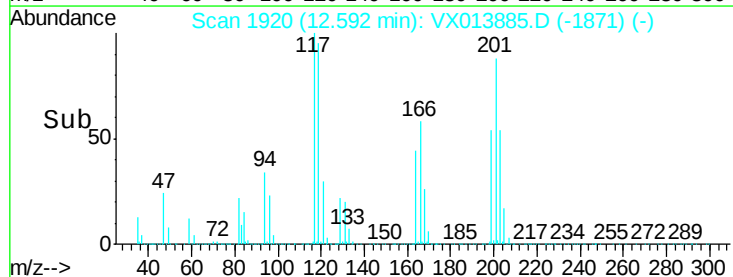
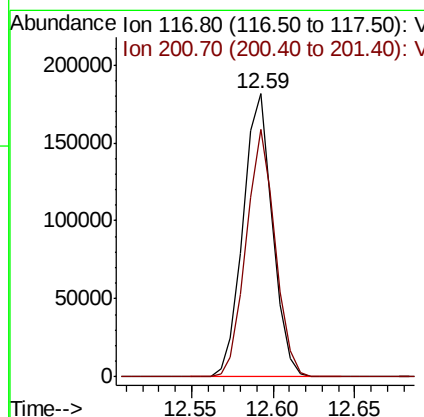
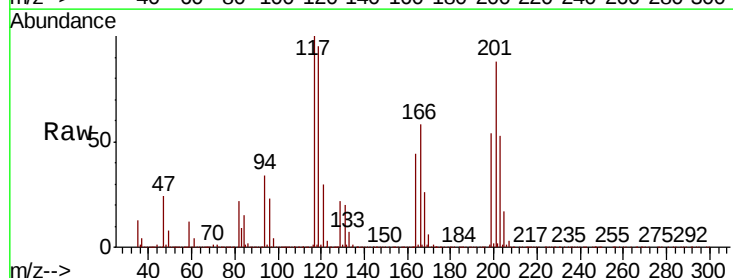
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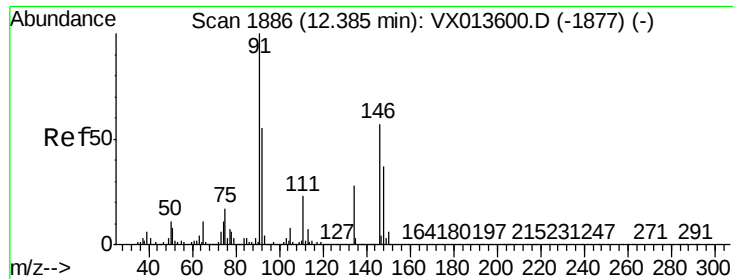
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#90
Hexachloroethane
Concen: 50.574 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013885.D
Acq: 10 Dec 2019 09:12

Tgt Ion: 117 Resp: 228737
Ion Ratio Lower Upper
117 100
201 85.9 44.1 132.4





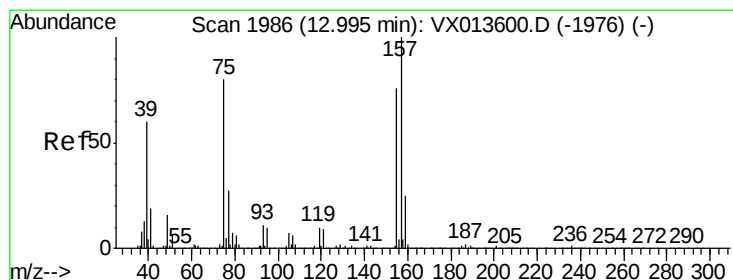
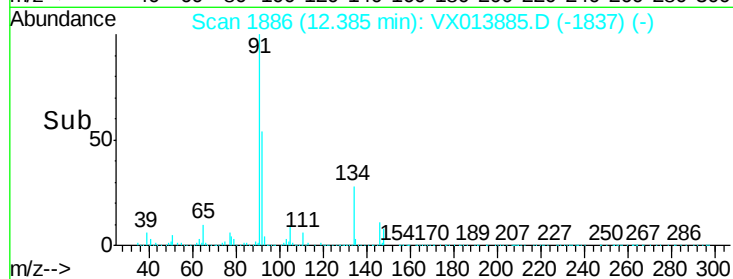
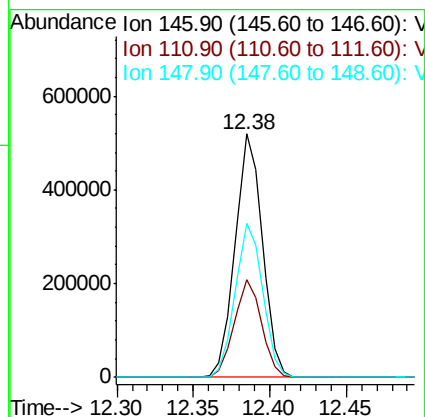
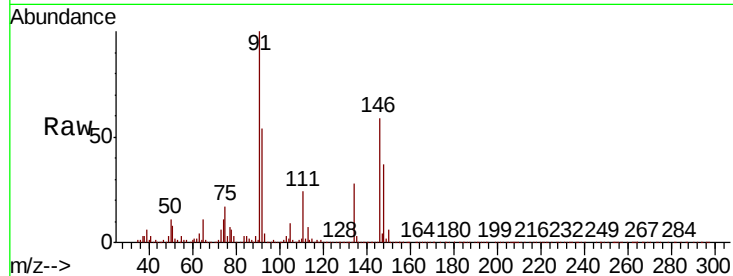
#91
 1,2-Dichlorobenzene
 Concen: 48.729 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013885.D
 Acq: 10 Dec 2019 09:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.6	58.7
148	63.8	31.9	95.7

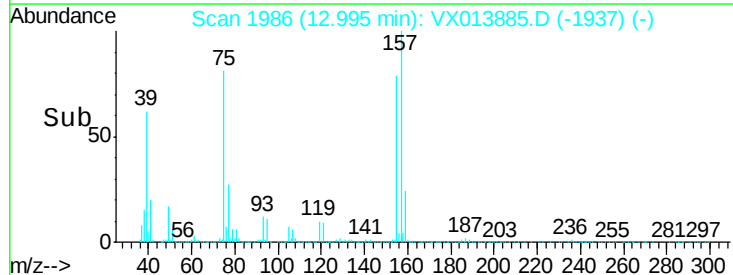
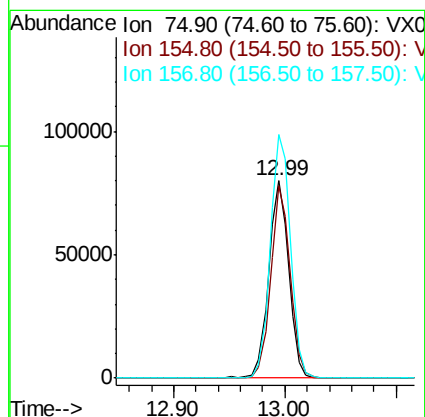
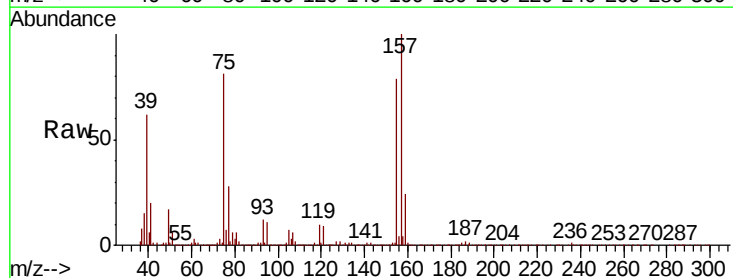
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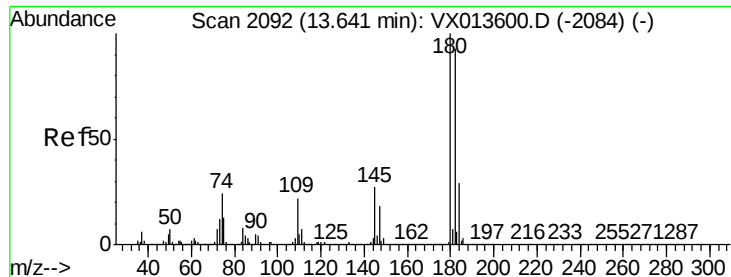
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.010 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013885.D
 Acq: 10 Dec 2019 09:12

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.9	47.6	142.8
157	124.6	62.1	186.2





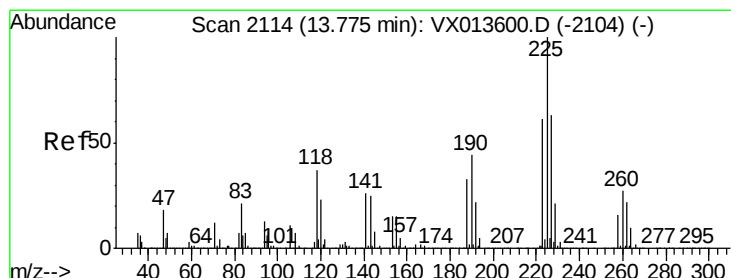
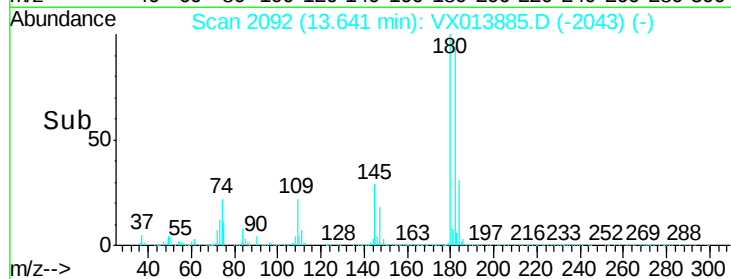
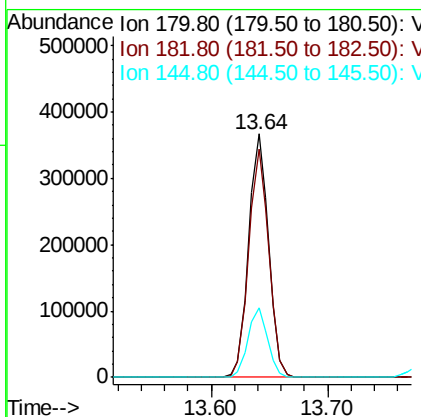
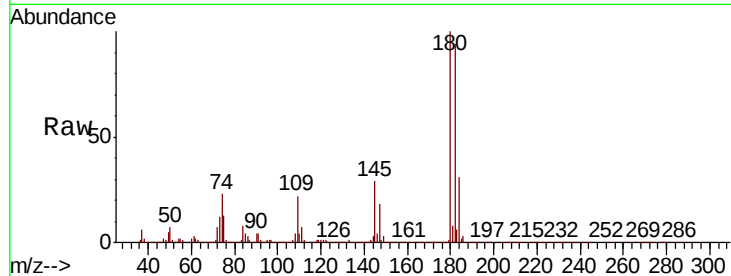
#93
 1,2,4-Trichlorobenzene
 Concen: 48.043 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013885.D
 Acq: 10 Dec 2019 09:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.2	141.6
145	28.3	13.8	41.4

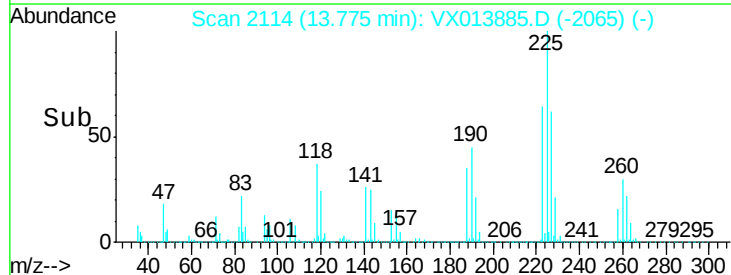
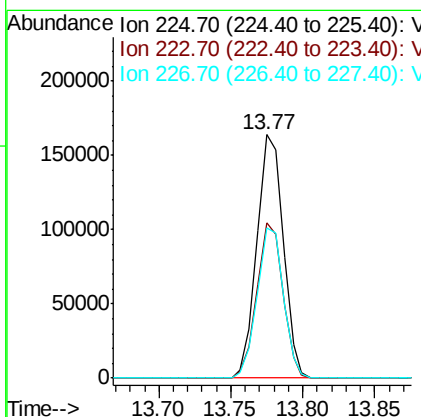
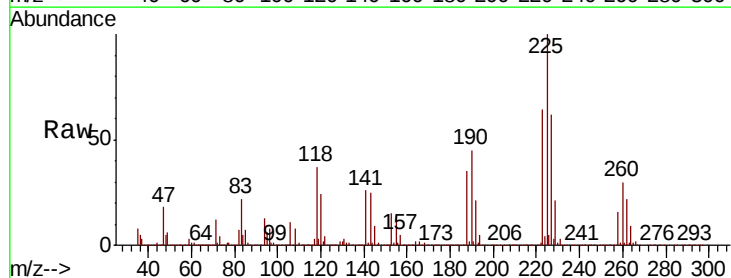
Manual Integrations
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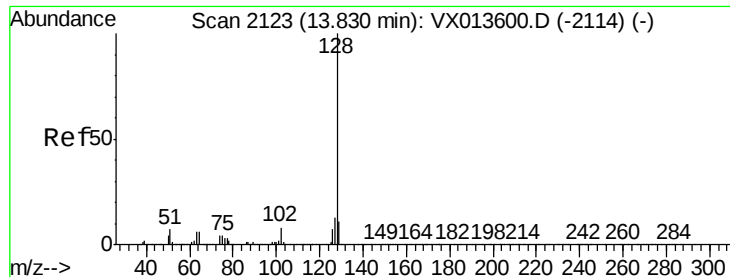
apatel
 12/11/2019 8:55:22 AM



#94
 Hexachlorobutadiene
 Concen: 46.957 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX013885.D
 Acq: 10 Dec 2019 09:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	31.9	95.5
227	61.2	32.1	96.3





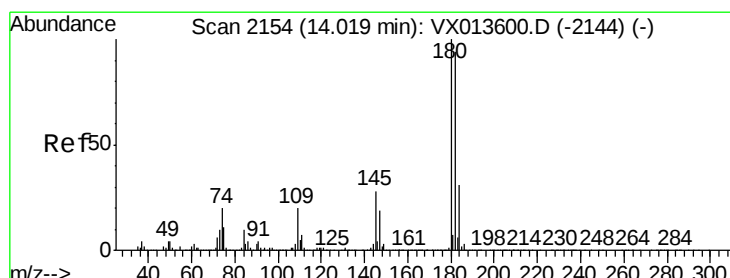
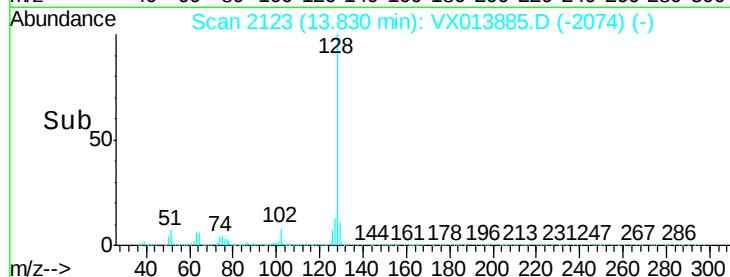
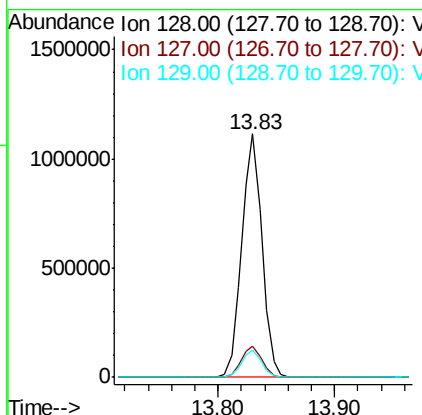
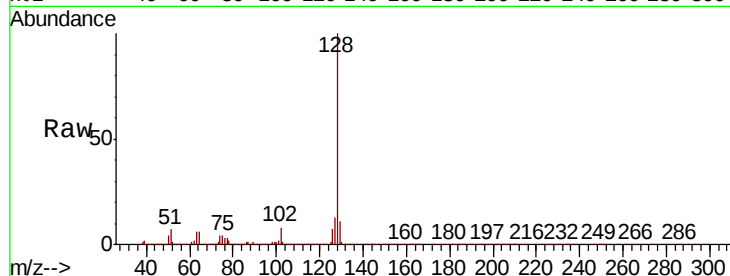
#95
Naphthalene
Concen: 49.537 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013885.D
Acq: 10 Dec 2019 09:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	11.1	8.7	13.1

Manual Integrations
APPROVED

apatel
12/11/2019 8:55:22 AM



#96
1,2,3-Trichlorobenzene
Concen: 48.247 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.01 min
Lab File: VX013885.D
Acq: 10 Dec 2019 09:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.6	142.8
145	29.8	15.0	45.0

