

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX120919\
 Data File : VX0137873.D
 Acq On : 10 Dec 2019 00:44
 Operator : JC/SP
 Sample : VX1209WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Manual Integrations
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apatel
 12/10/2019 11:20:49 AM

Quant Time: Dec 10 05:44:47 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	561620	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	872535	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	782824	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	371334	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	294036	45.10	ug/l	0.00
Spiked Amount			Recovery	=	90.20%	
35) Dibromofluoromethane	5.49	113	246104	45.62	ug/l	0.00
Spiked Amount			Recovery	=	91.24%	
50) Toluene-d8	8.71	98	929283	44.22	ug/l	0.00
Spiked Amount			Recovery	=	88.44%	
62) 4-Bromofluorobenzene	11.14	95	327424	43.20	ug/l	0.00
Spiked Amount			Recovery	=	86.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	114054	18.245	ug/l	99
3) Chloromethane	1.32	50	132142	18.839	ug/l	100
4) Vinyl Chloride	1.40	62	151484	19.188	ug/l	100
5) Bromomethane	1.63	94	95918	18.091	ug/l	99
6) Chloroethane	1.72	64	84755	18.866	ug/l	99
7) Trichlorofluoromethane	1.92	101	165935	18.929	ug/l	98
8) Diethyl Ether	2.18	74	79268	19.987	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	100904	18.844	ug/l	99
10) Methyl Iodide	2.50	142	110279	17.026	ug/l	100
11) Tert butyl alcohol	3.03	59	152796	94.955	ug/l	99
12) 1,1-Dichloroethene	2.36	96	99396	18.597	ug/l	96
13) Acrolein	2.28	56	91334	88.837	ug/l	99
14) Allyl chloride	2.72	41	180760	18.636	ug/l	100
15) Acrylonitrile	3.13	53	328892	99.018	ug/l	99
16) Acetone	2.43	43	315544	98.038	ug/l	100
17) Carbon Disulfide	2.56	76	253841	16.660	ug/l	99
18) Methyl Acetate	2.76	43	188969	21.084	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	354169	20.003	ug/l	99
20) Methylene Chloride	2.85	84	122718	19.846	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	106462	18.284	ug/l	97
22) Diisopropyl ether	3.84	45	379857	20.339	ug/l	94
23) Vinyl Acetate	3.80	43	1440880	92.739	ug/l	98
24) 1,1-Dichloroethane	3.69	63	203776	19.959	ug/l	99
25) 2-Butanone	4.66	43	468325	97.906	ug/l	100
26) 2,2-Dichloropropane	4.58	77	124468	14.735	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	126918	18.981	ug/l	99
28) Bromochloromethane	5.01	49	81951	20.304	ug/l	98
29) Tetrahydrofuran	5.12	42	300219	101.809	ug/l	100
30) Chloroform	5.20	83	197663	19.090	ug/l	98
31) Cyclohexane	5.57	56	178783	18.565	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	165541	19.132	ug/l	99
36) 1,1-Dichloropropene	5.79	75	144404	18.232	ug/l	100
37) Ethyl Acetate	4.82	43	174369	19.624	ug/l	99
38) Carbon Tetrachloride	5.78	117	137023	18.762	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	170955	17.462	ug/l	100
40) Benzene	6.14	78	464697	19.264	ug/l	99
41) Methacrylonitrile	5.03	41	99474	20.413	ug/l	97
42) 1,2-Dichloroethane	6.18	62	162776	19.786	ug/l	100
43) Isopropyl Acetate	6.43	43	283001	19.346	ug/l	99
44) Trichloroethene	7.21	130	124397	18.790	ug/l	94
45) 1,2-Dichloropropane	7.51	63	121267	20.092	ug/l	100
46) Dibromomethane	7.65	93	76778	18.730	ug/l	100
47) Bromodichloromethane	7.89	83	147233	18.999	ug/l	99
48) Methyl methacrylate	7.76	41	140384	19.751	ug/l	100
49) 1,4-Dioxane	7.73	88	55522	348.987	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	915919	99.539	ug/l	99
52) Toluene	8.78	92	285064	19.022	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	151737	17.203	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	174345	18.092	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	119976	19.866	ug/l	99
56) Ethyl methacrylate	9.17	69	182390	18.785	ug/l	99
57) 1,3-Dichloropropane	9.37	76	204679	19.663	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	356367	93.613	ug/l	99
59) 2-Hexanone	9.49	43	691278	96.325	ug/l	99
60) Dibromochloromethane	9.58	129	120733	19.264	ug/l	99
61) 1,2-Dibromoethane	9.67	107	121482	18.834	ug/l	98
64) Tetrachloroethene	9.33	164	137158	23.495	ug/l	98
65) Chlorobenzene	10.14	112	305545	18.799	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	112748	19.318	ug/l	98
67) Ethyl Benzene	10.25	91	534874	19.151	ug/l	100
68) m/p-Xylenes	10.35	106	409700	38.316	ug/l	98
69) o-Xylene	10.70	106	200379	19.214	ug/l	99
70) Styrene	10.71	104	333742	19.025	ug/l	99
71) Bromoform	10.85	173	89125	18.456	ug/l #	100
73) Isopropylbenzene	11.01	105	524584	20.139	ug/l	99
74) N-amyl acetate	10.89	43	233932	19.605	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	184810	20.459	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	172328m	20.633	ug/l	
77) Bromobenzene	11.25	156	138668	19.706	ug/l	99
78) n-propylbenzene	11.35	91	578031	19.879	ug/l	100
79) 2-Chlorotoluene	11.42	91	347563	19.926	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	429330	20.111	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	49893	16.343	ug/l	91
82) 4-Chlorotoluene	11.51	91	397460	19.674	ug/l	100
83) tert-Butylbenzene	11.77	119	417051	19.222	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	438417	20.235	ug/l	100
85) sec-Butylbenzene	11.94	105	495737	20.004	ug/l	99
86) p-Isopropyltoluene	12.06	119	451772	19.596	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	233320	19.021	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	234489	18.768	ug/l	97
89) n-Butylbenzene	12.38	91	368941	18.763	ug/l	100
90) Hexachloroethane	12.59	117	80518	19.322	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	240807	19.869	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	38572	19.608	ug/l	98

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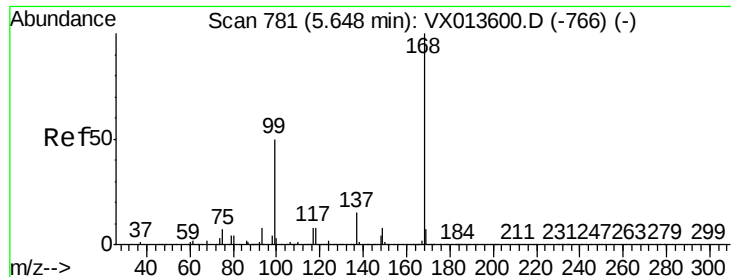
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	156136	18.485	ug/l	99
94) Hexachlorobutadiene	13.77	225	75575	18.626	ug/l	99
95) Naphthalene	13.83	128	482515	19.182	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	160573	19.200	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX0137873.D

Acq: 10 Dec 2019 00:44

Instrument :

MSVOA_X

ClientSampled :

Tot Ion:168 Resp: 561620

Ion Ratio Lower Upper

168 100

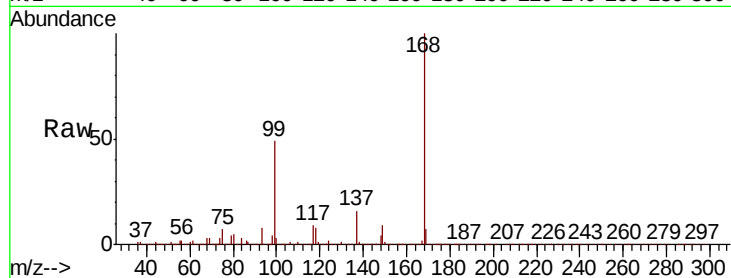
99 49.0 39.8 59.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

150000

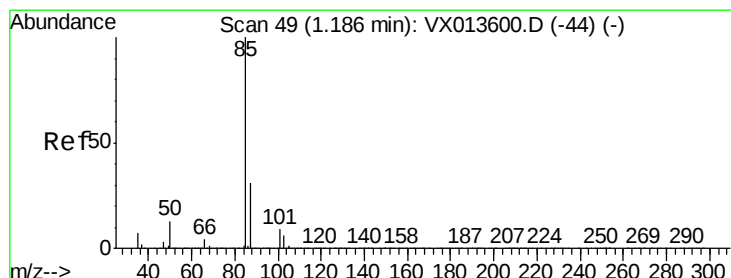
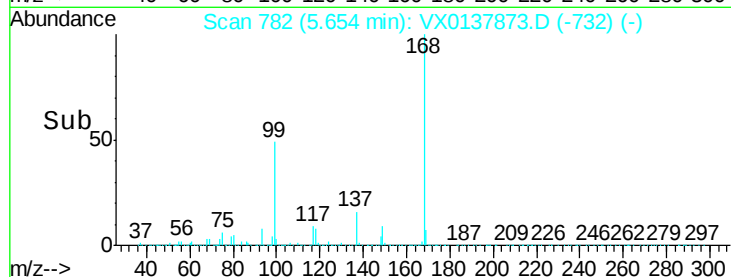
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50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.245 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX0137873.D

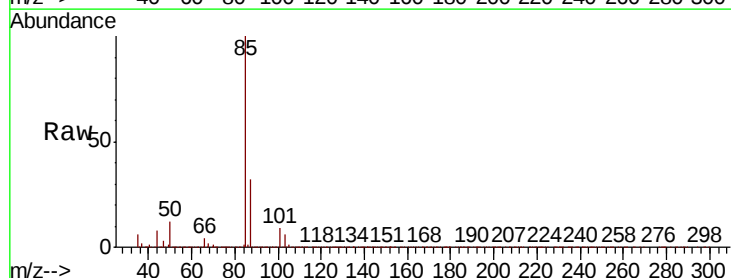
Acq: 10 Dec 2019 00:44

Tgt Ion: 85 Resp: 114054

Ion Ratio Lower Upper

85 100

87 32.0 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

120000

100000

80000

60000

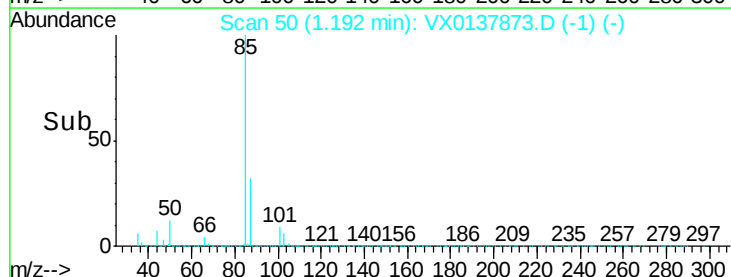
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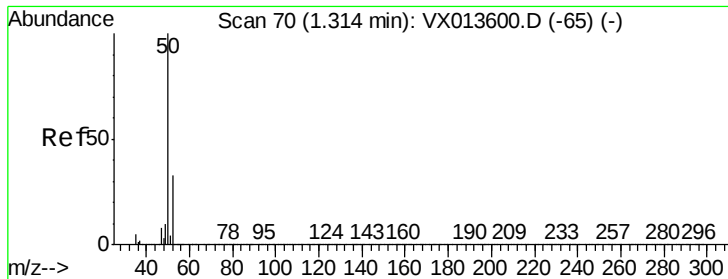
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1.15 1.20 1.25

Time-->





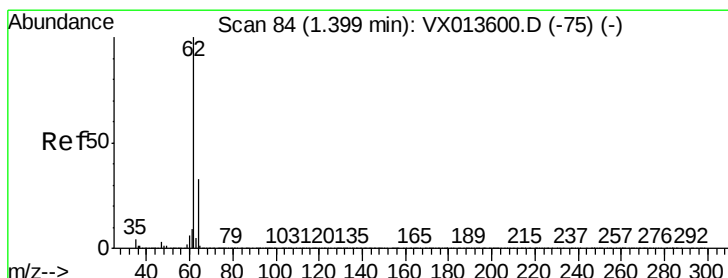
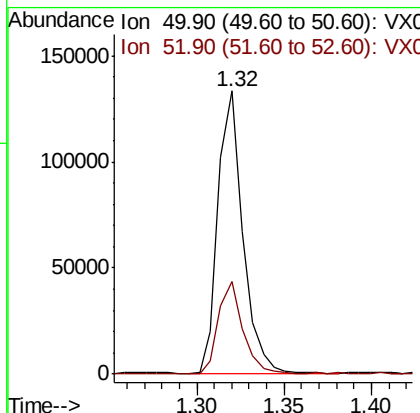
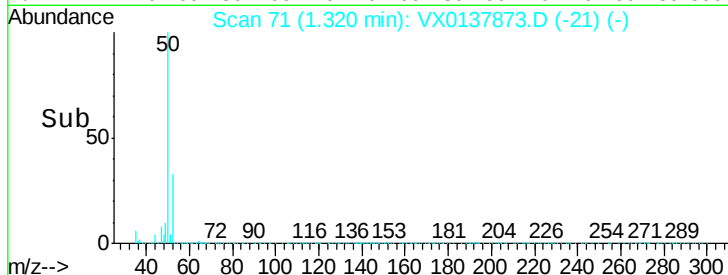
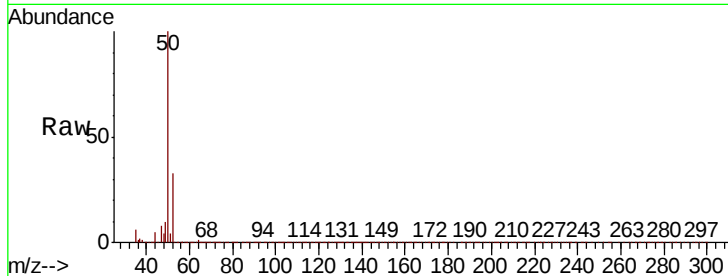
#3
Chloromethane
Concen: 18.839 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.01 min
Lab File: VX0137873.D
Acq: 10 Dec 2019 00:44

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
50	100		
52	32.4	26.0	39.0

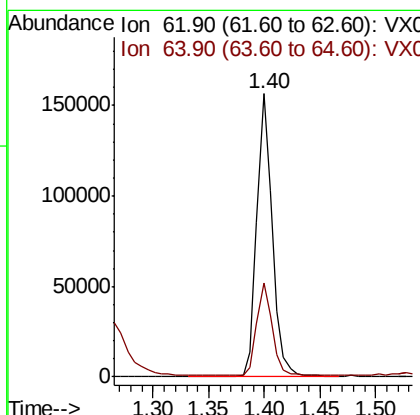
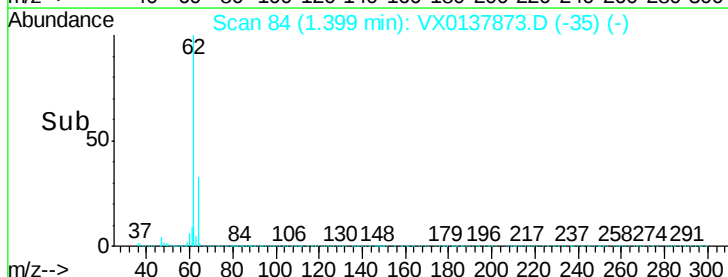
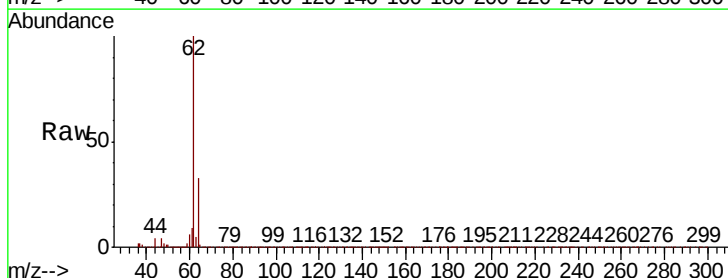
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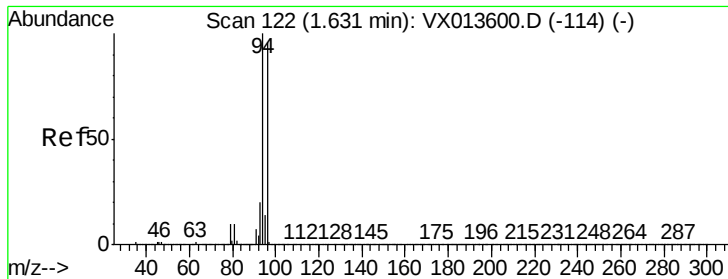
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#4
Vinyl Chloride
Concen: 19.188 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.00 min
Lab File: VX0137873.D
Acq: 10 Dec 2019 00:44

Tgt Ion	Ratio	Lower	Upper
62	100		
64	32.5	26.0	39.0





#5

Bromomethane

Concen: 18.091 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX0137873.D

Acq: 10 Dec 2019 00:44

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 94 Resp: 95918

Ion Ratio Lower Upper

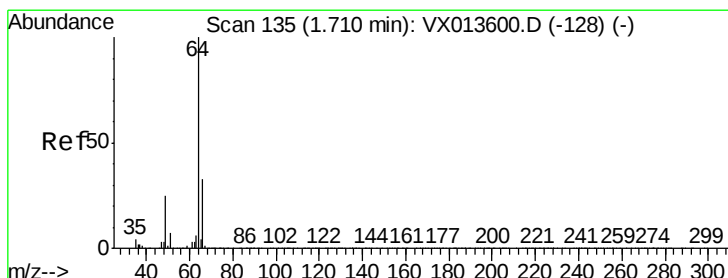
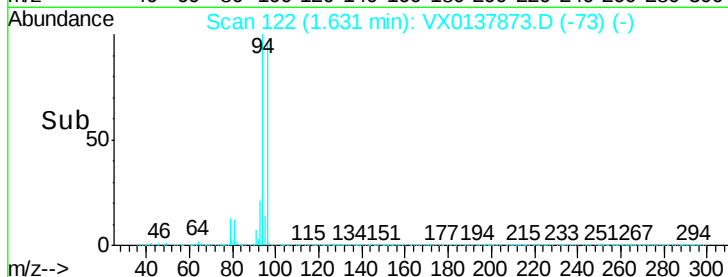
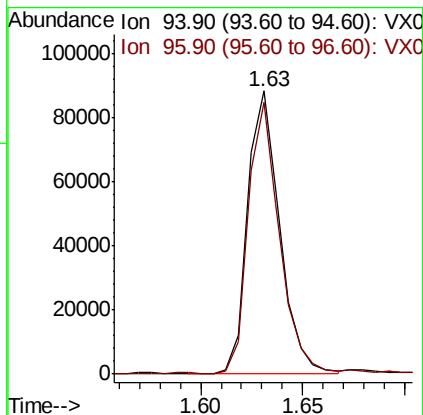
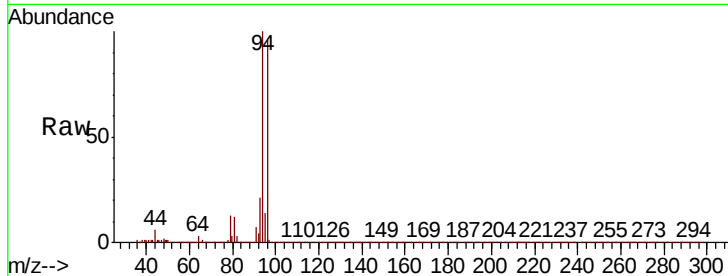
94 100

96 95.6 77.0 115.4

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#6

Chloroethane

Concen: 18.866 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX0137873.D

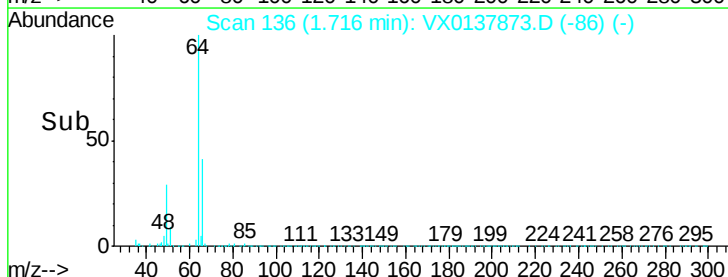
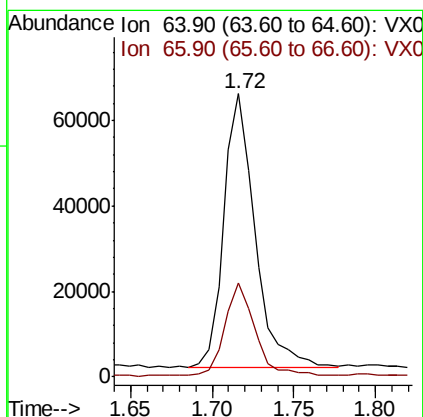
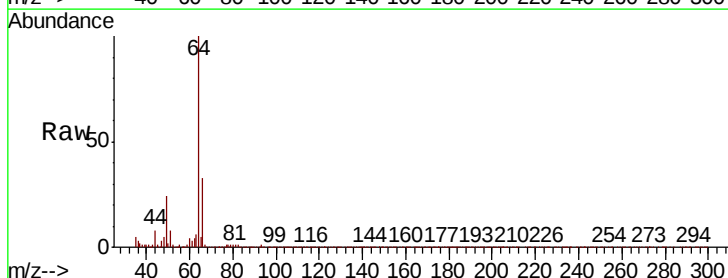
Acq: 10 Dec 2019 00:44

Tgt Ion: 64 Resp: 84755

Ion Ratio Lower Upper

64 100

66 34.0 26.7 40.1





#7

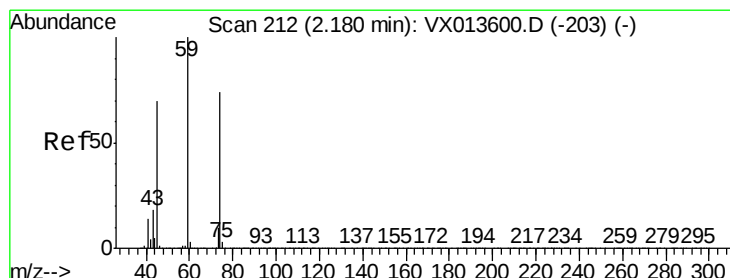
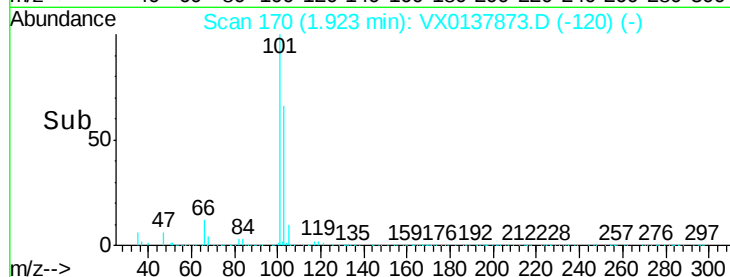
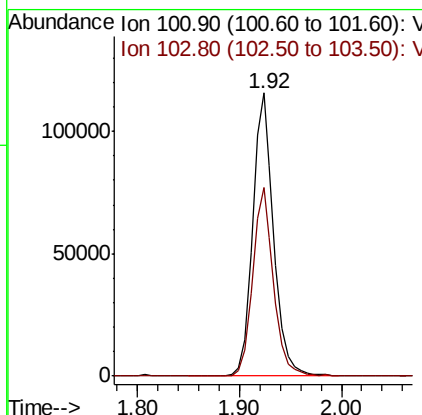
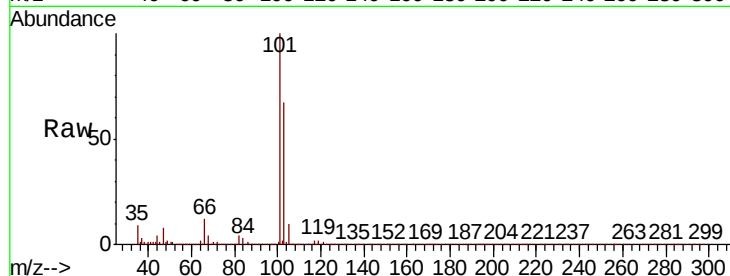
Trichlorofluoromethane
Concen: 18.929 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX0137873.D
Acq: 10 Dec 2019 00:44

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Resp	Lower	Upper
101	100	165935		
103	66.4	51.8	77.6	

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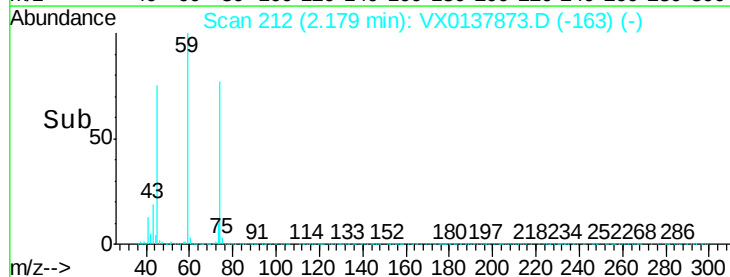
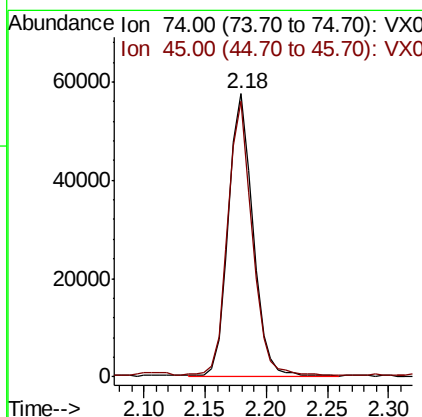
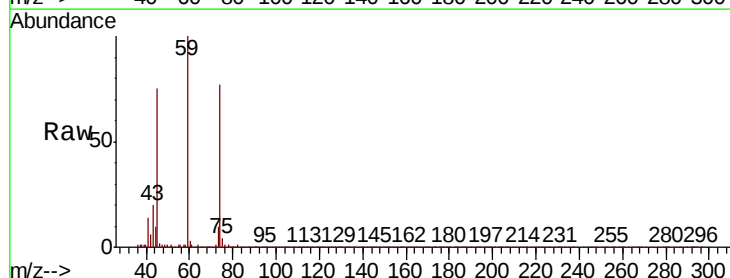
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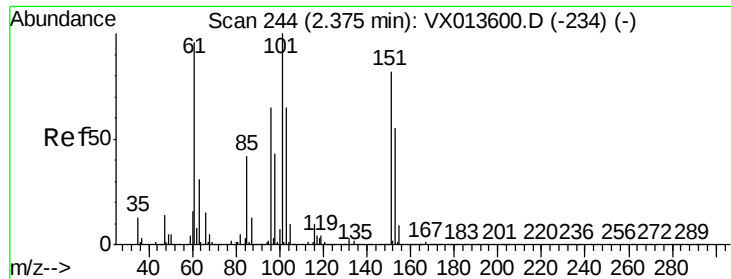


#8

Diethyl Ether
Concen: 19.987 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX0137873.D
Acq: 10 Dec 2019 00:44

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	79268		
45	96.6	48.9	146.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.844 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX0137873.D

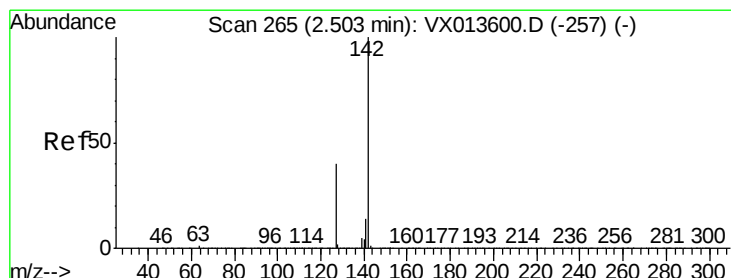
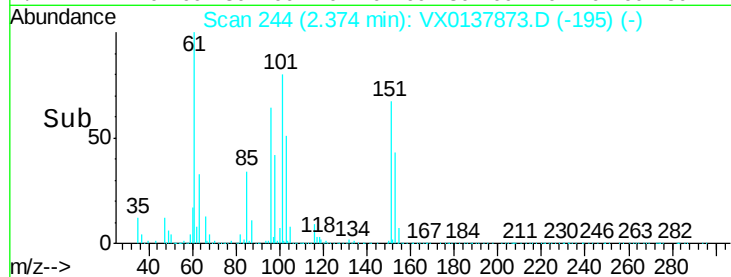
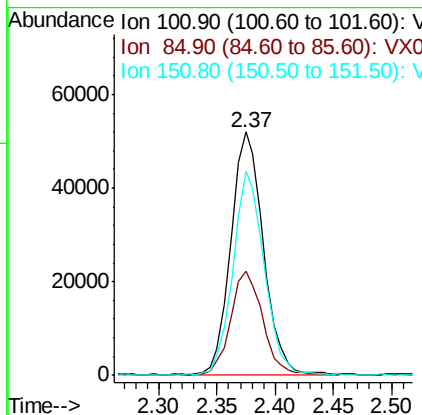
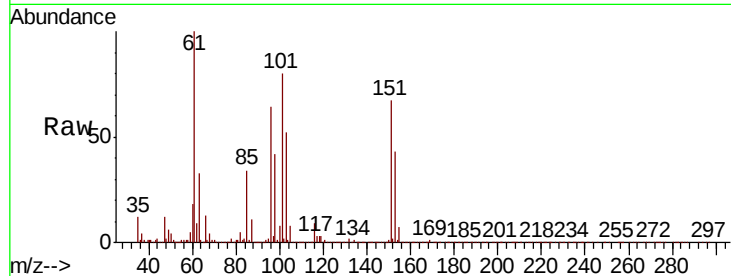
Acq: 10 Dec 2019 00:44

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	101	Resp:	100904
Ion Ratio	Lower	Upper	
101	100		
85	42.4	33.9	50.9
151	81.6	64.2	96.2

Manual Integrations
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#10

Methyl Iodide

Concen: 17.026 ug/l

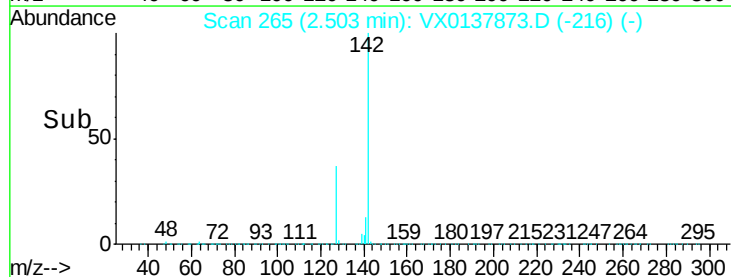
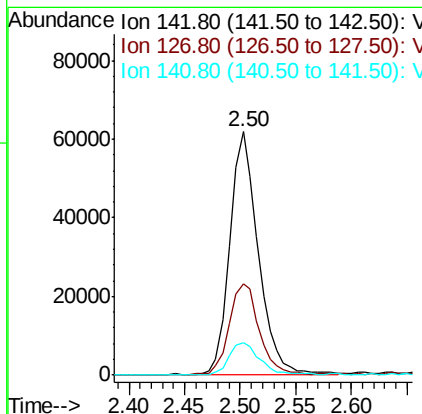
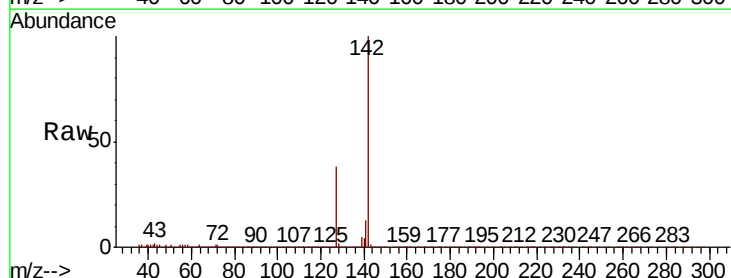
RT: 2.50 min Scan# 265

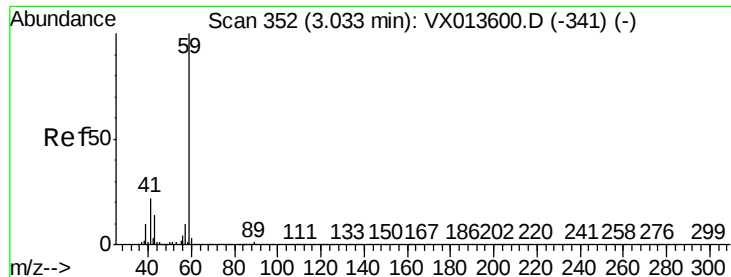
Delta R.T. -0.00 min

Lab File: VX0137873.D

Acq: 10 Dec 2019 00:44

Tgt Ion:	142	Resp:	110279
Ion Ratio	Lower	Upper	
142	100		
127	38.7	31.0	46.4
141	14.1	11.6	17.4





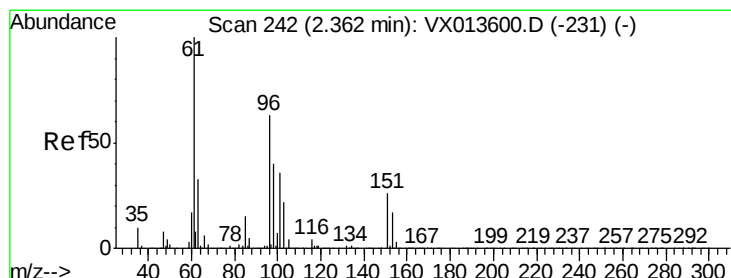
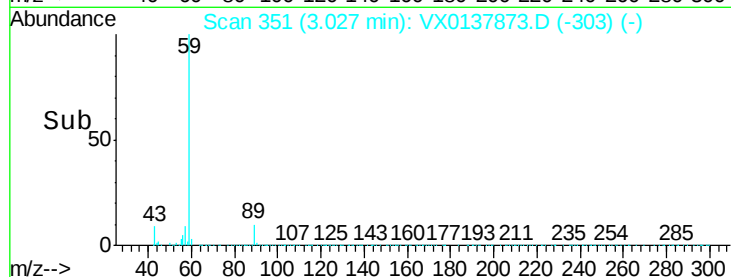
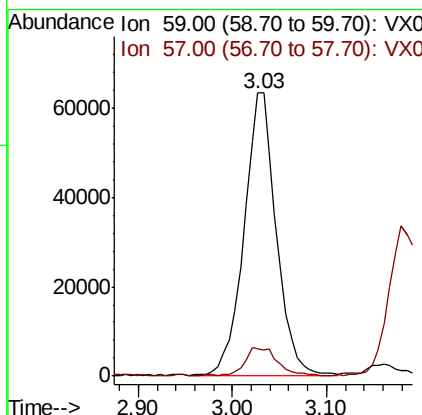
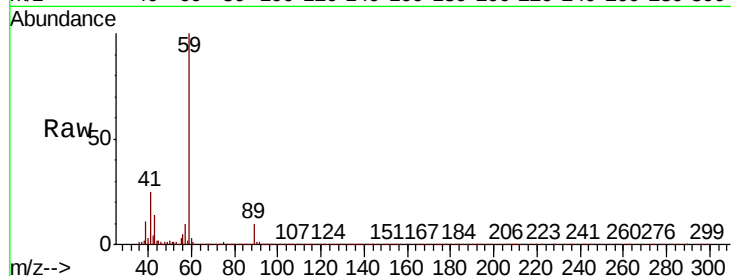
#11
Tert butyl alcohol
Concen: 94.955 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX0137873.D
Acq: 10 Dec 2019 00:44

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.3	7.8	11.6

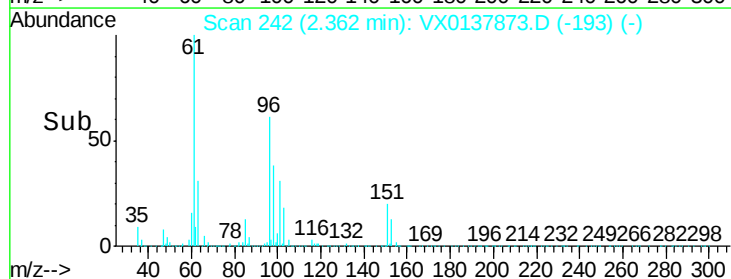
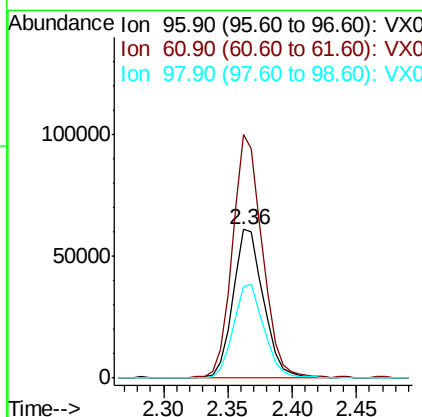
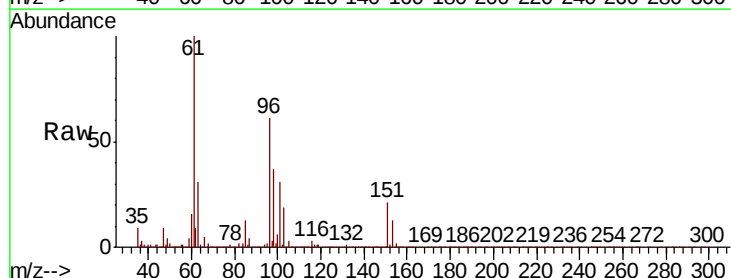
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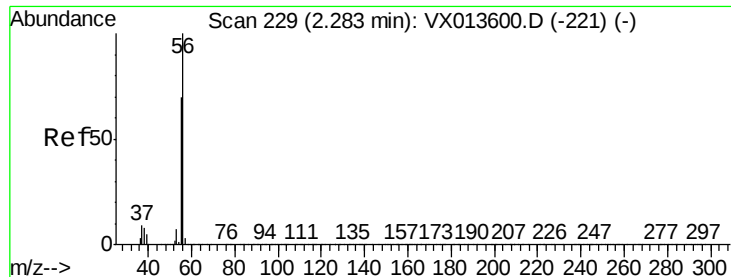
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#12
1,1-Dichloroethene
Concen: 18.597 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX0137873.D
Acq: 10 Dec 2019 00:44

Tgt Ion	Ratio	Lower	Upper
96	100		
61	164.2	126.6	190.0
98	61.4	50.6	76.0





#13

Acrolein

Concen: 88.837 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX0137873.D

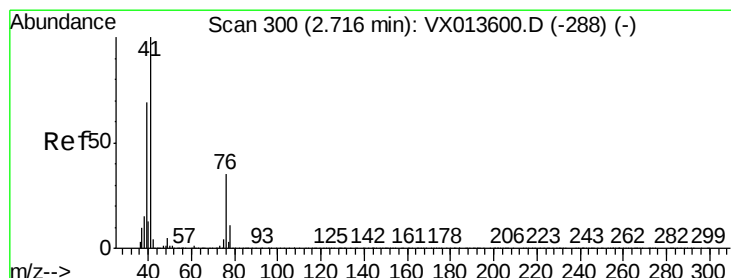
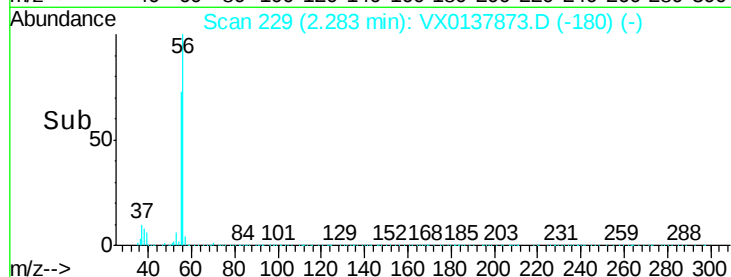
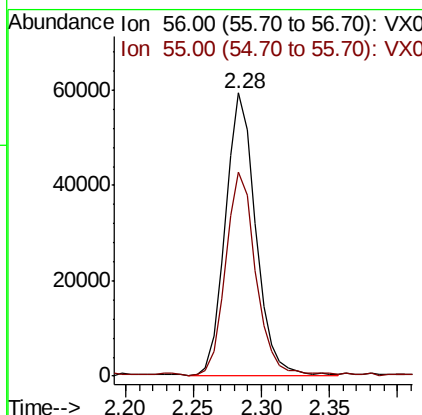
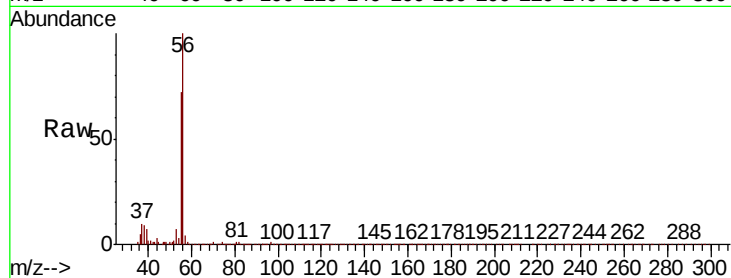
Acq: 10 Dec 2019 00:44

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	56	Resp	91334
Ion Ratio	100	Lower	Upper
56	100		
55	71.3	56.2	84.4

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#14

Allyl chloride

Concen: 18.636 ug/l

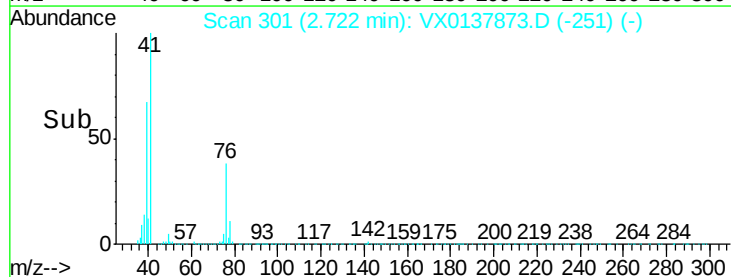
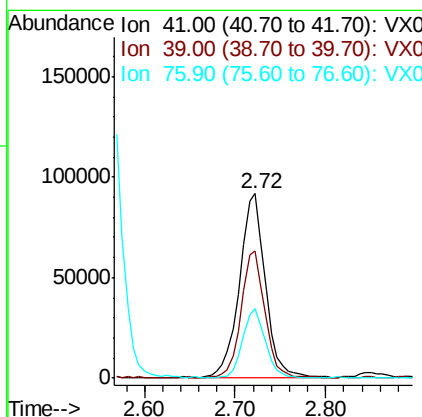
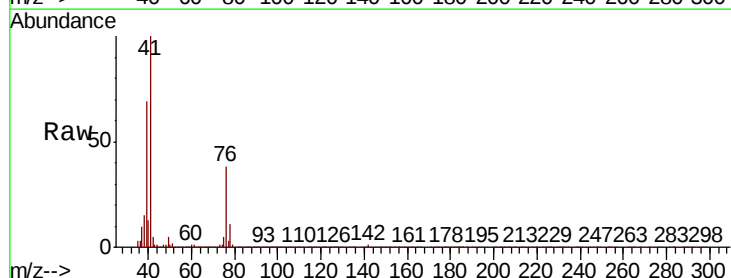
RT: 2.72 min Scan# 301

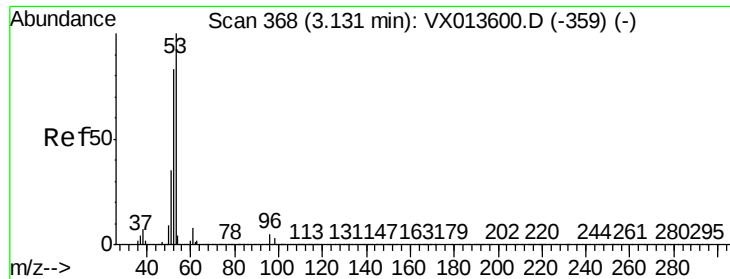
Delta R.T. 0.01 min

Lab File: VX0137873.D

Acq: 10 Dec 2019 00:44

Tgt Ion	41	Resp	180760
Ion Ratio	100	Lower	Upper
41	100		
39	64.4	51.7	77.5
76	32.7	25.9	38.9





#15

Acrylonitrile

Concen: 99.018 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX0137873.D

Acq: 10 Dec 2019 00:44

Instrument :

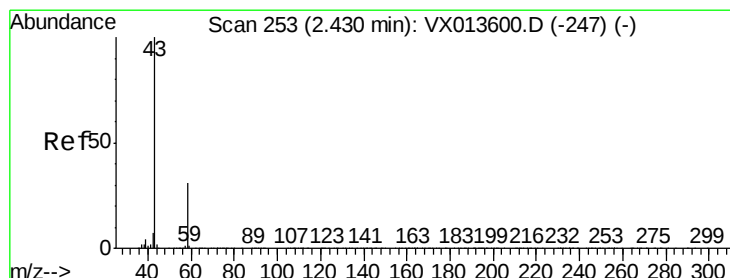
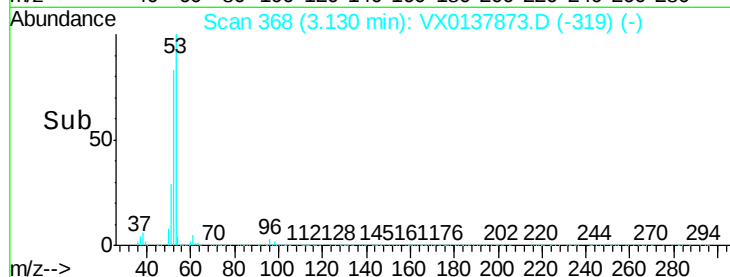
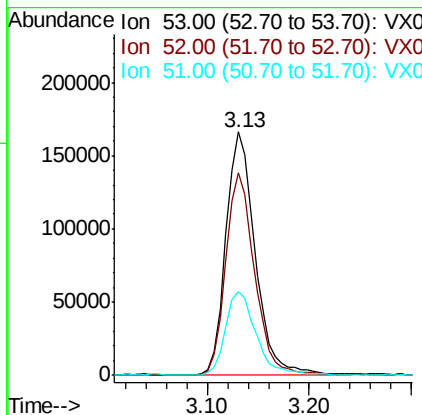
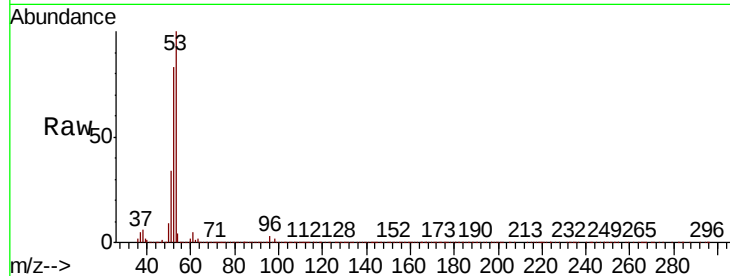
MSVOA_X

ClientSampleId :

Tot Ion:	53	Resp:	328892
Ion	Ratio	Lower	Upper
53	100		
52	82.2	66.2	99.2
51	35.9	29.0	43.6

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#16

Acetone

Concen: 98.038 ug/l

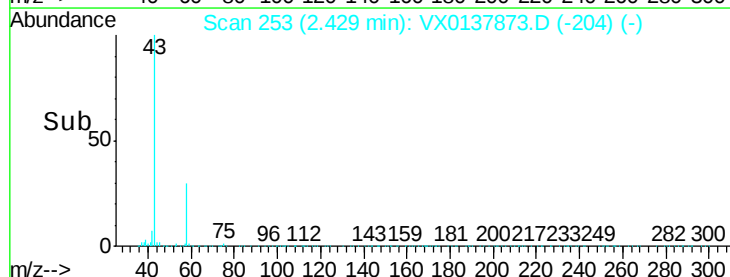
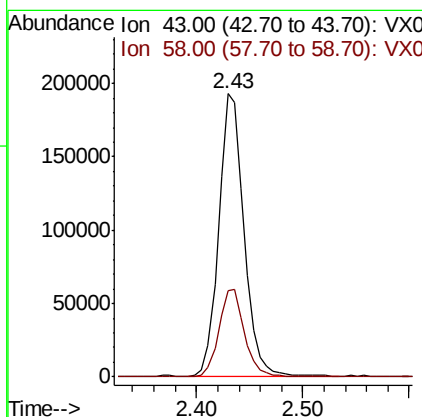
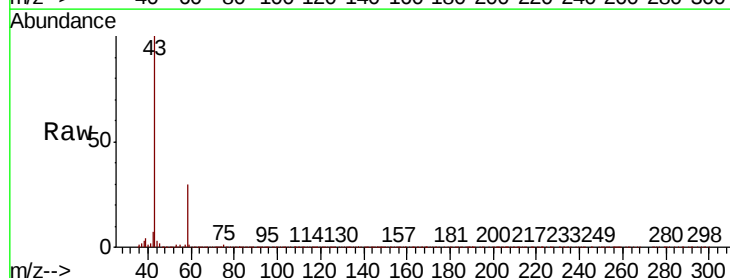
RT: 2.43 min Scan# 253

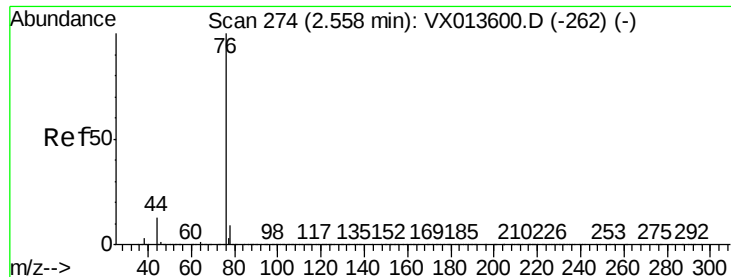
Delta R.T. -0.00 min

Lab File: VX0137873.D

Acq: 10 Dec 2019 00:44

Tgt Ion:	43	Resp:	315544
Ion	Ratio	Lower	Upper
43	100		
58	30.5	24.6	36.8





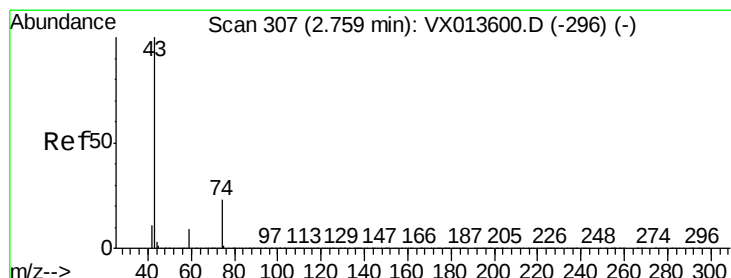
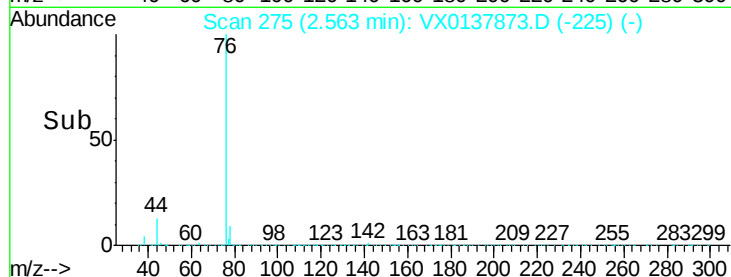
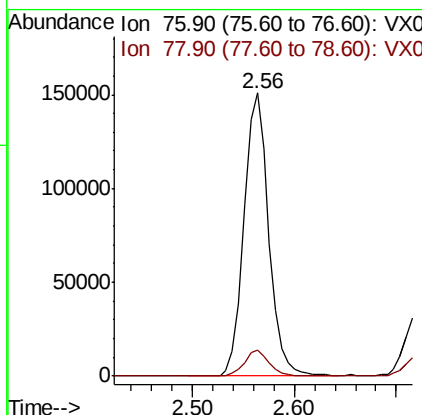
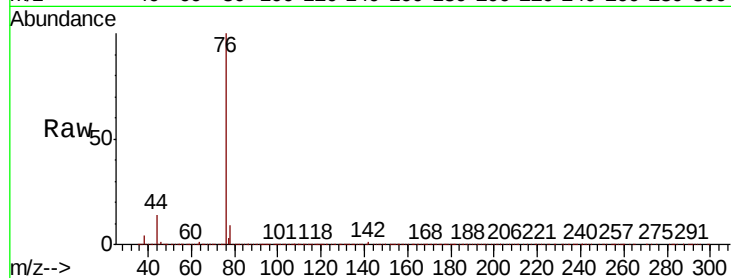
#17
Carbon Disulfide
Concen: 16.660 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX0137873.D
Acq: 10 Dec 2019 00:44

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.2	10.8

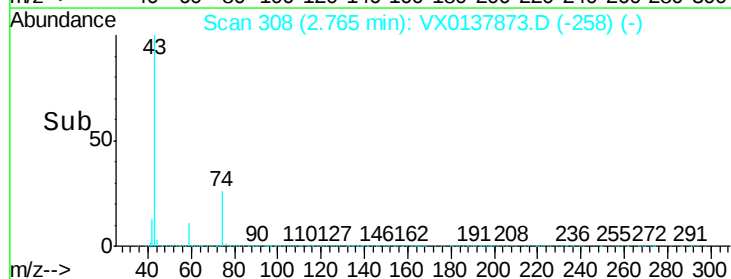
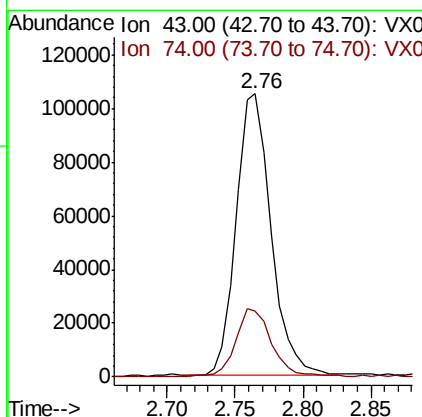
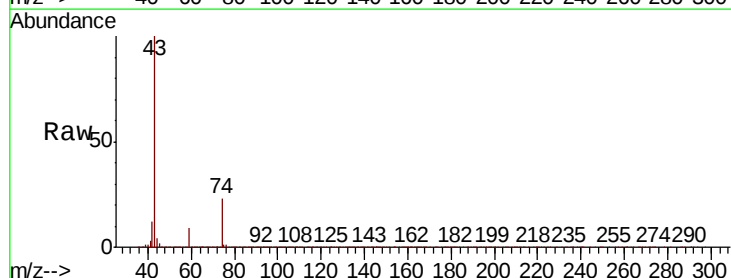
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#18
Methyl Acetate
Concen: 21.084 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.01 min
Lab File: VX0137873.D
Acq: 10 Dec 2019 00:44

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.4	19.5	29.3





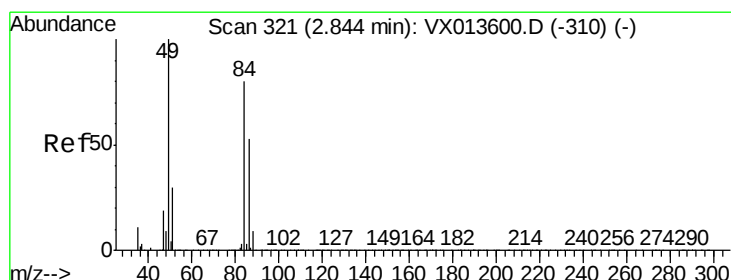
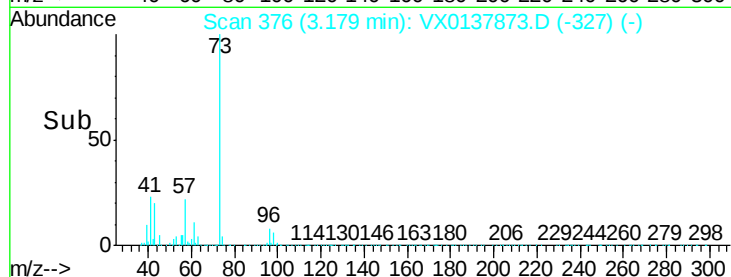
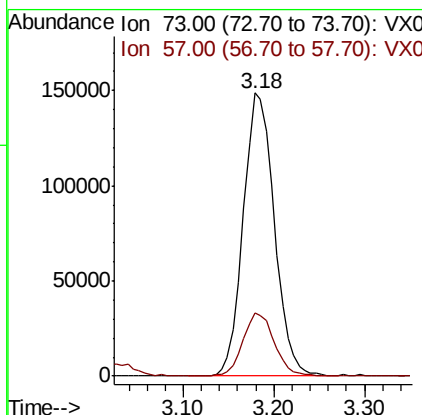
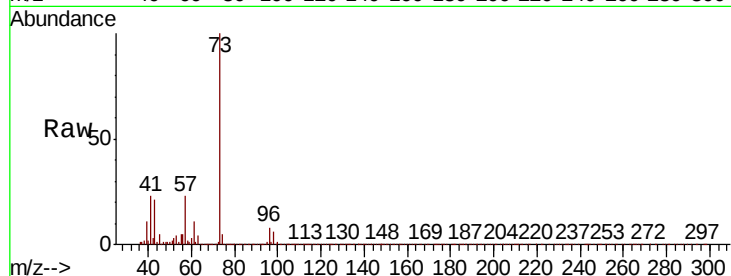
#19
Methvl tert-butvl Ether
Concen: 20.003 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX0137873.D
Acq: 10 Dec 2019 00:44

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.4	18.3	27.5

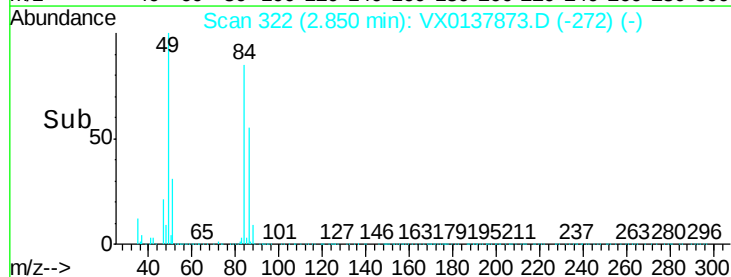
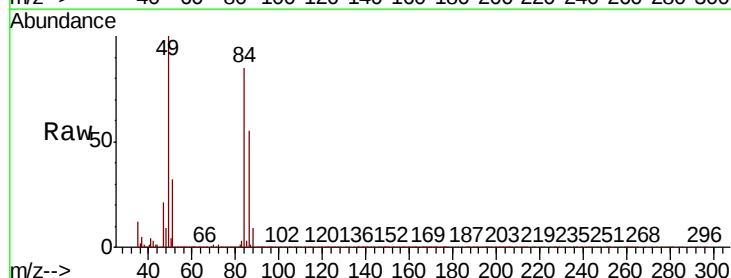
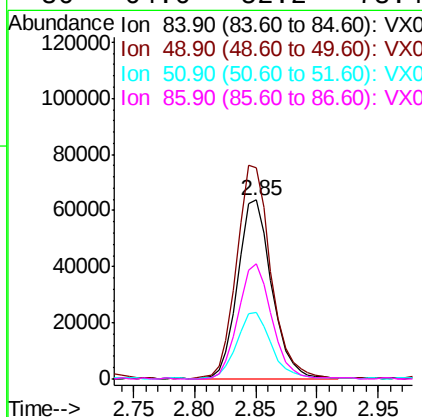
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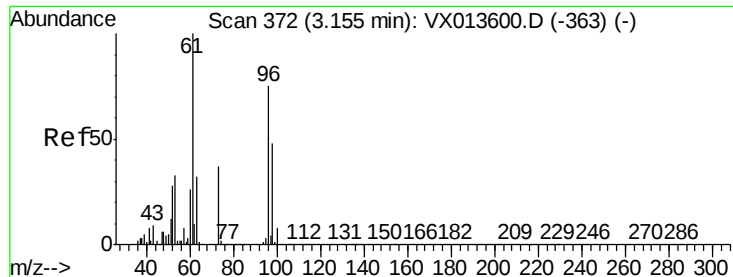
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#20
Methylene Chloride
Concen: 19.846 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX0137873.D
Acq: 10 Dec 2019 00:44

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.3	99.7	149.5
51	37.2	29.9	44.9
86	64.6	52.2	78.4





#21

trans-1,2-Dichloroethene

Concen: 18.284 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX0137873.D

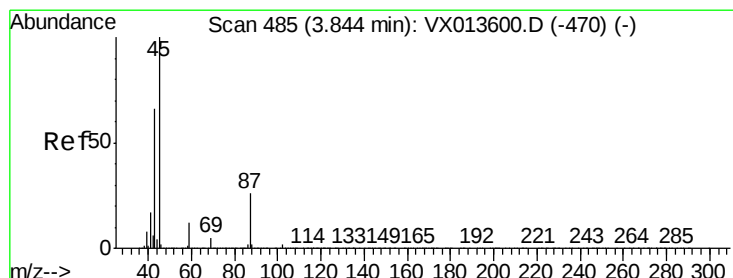
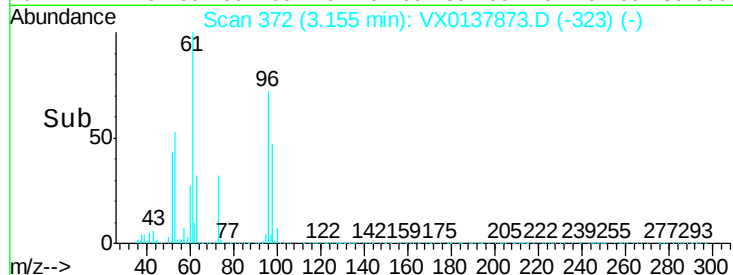
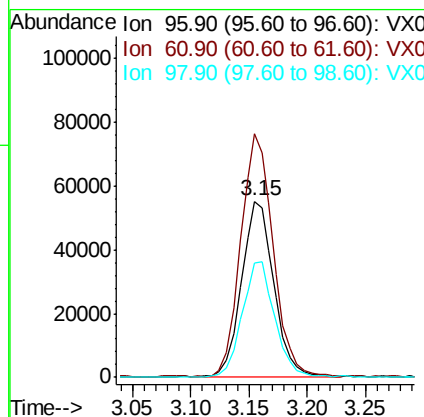
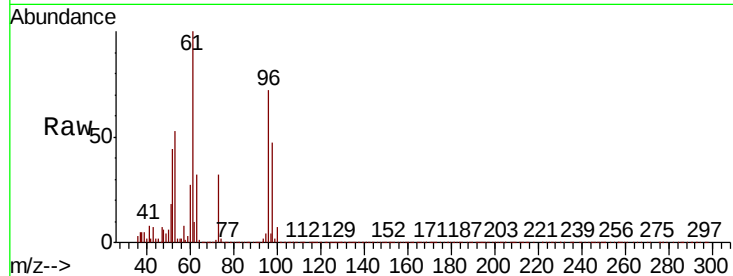
Acq: 10 Dec 2019 00:44

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	96	Resp:	106462
Ion	Ratio	Lower	Upper
96	100		
61	138.8	107.2	160.8
98	64.7	51.4	77.0

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#22

Diisopropyl ether

Concen: 20.339 ug/l

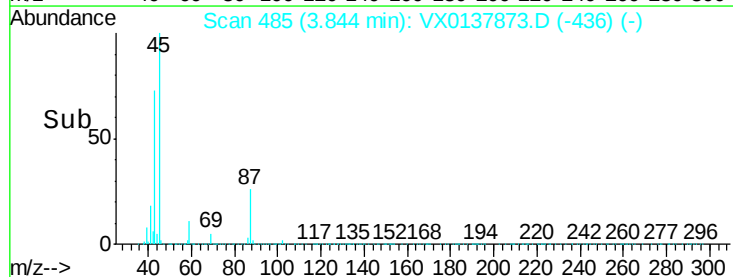
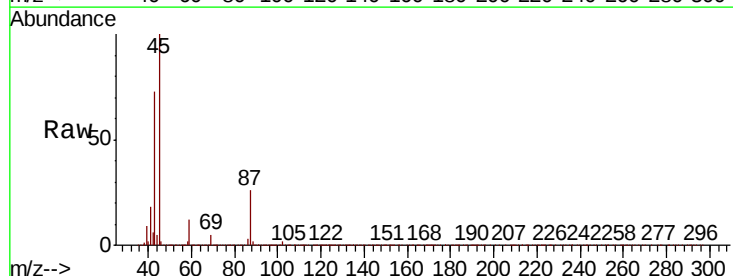
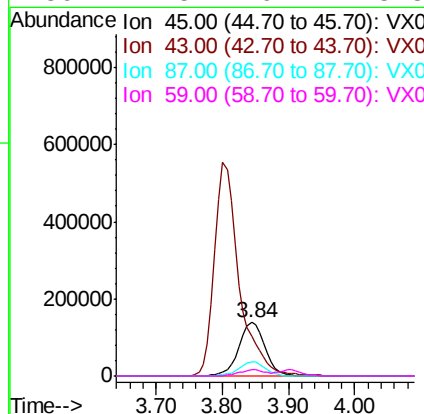
RT: 3.84 min Scan# 485

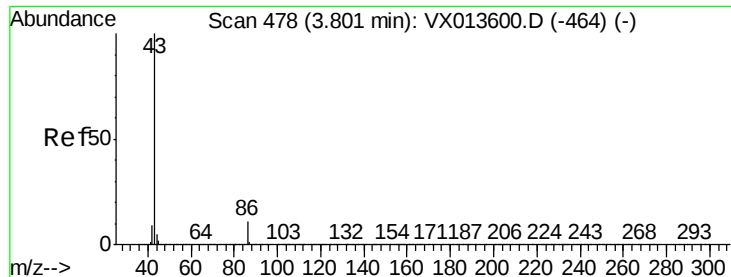
Delta R.T. -0.00 min

Lab File: VX0137873.D

Acq: 10 Dec 2019 00:44

Tgt Ion:	45	Resp:	379857
Ion	Ratio	Lower	Upper
45	100		
43	72.5	52.6	79.0
87	26.1	21.1	31.7
59	11.5	9.2	13.8





#23

Vinyl Acetate

Concen: 92.739 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX0137873.D

Acq: 10 Dec 2019 00:44

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 1440880

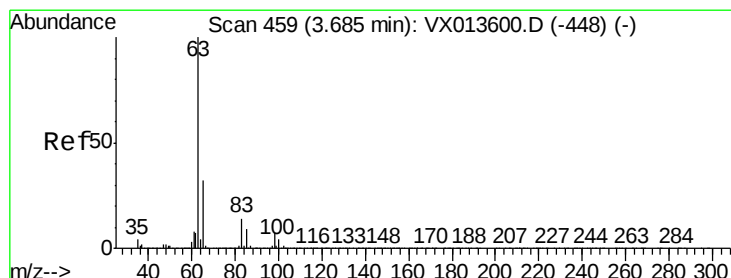
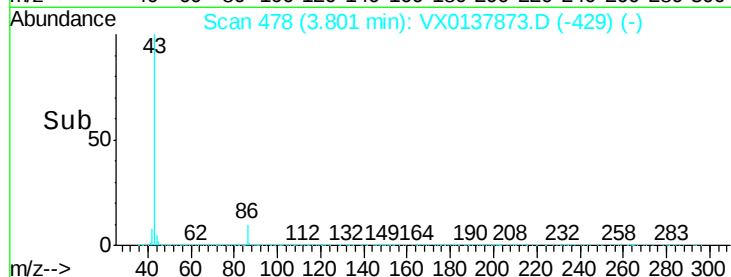
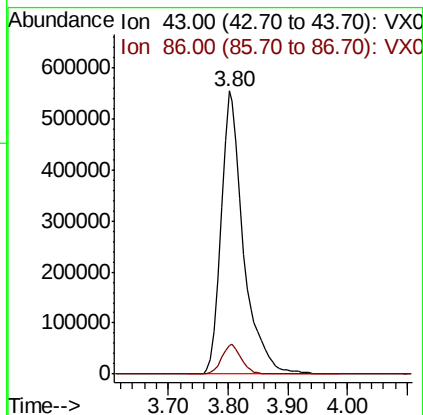
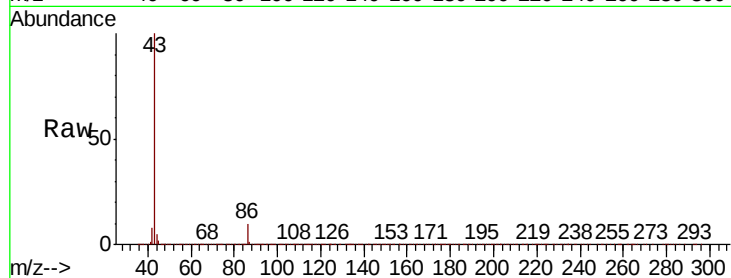
Ion Ratio Lower Upper

43 100

86 10.3 8.7 13.1

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#24

1,1-Dichloroethane

Concen: 19.959 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX0137873.D

Acq: 10 Dec 2019 00:44

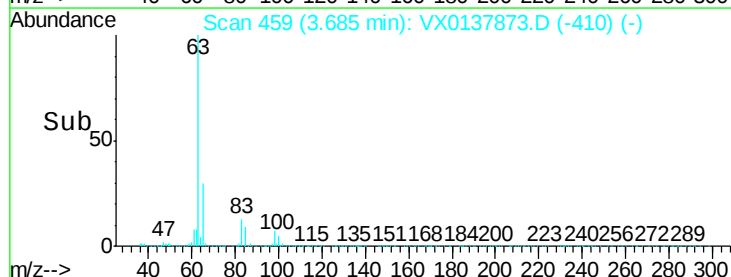
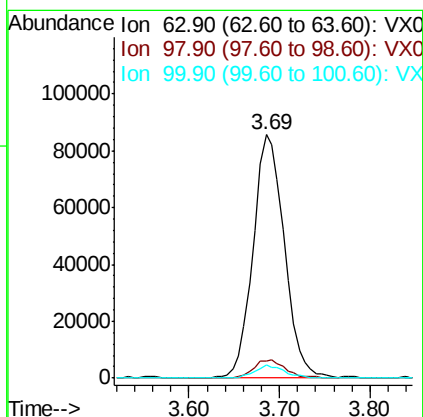
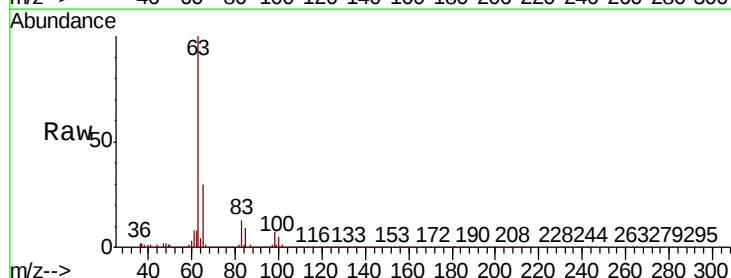
Tgt Ion: 63 Resp: 203776

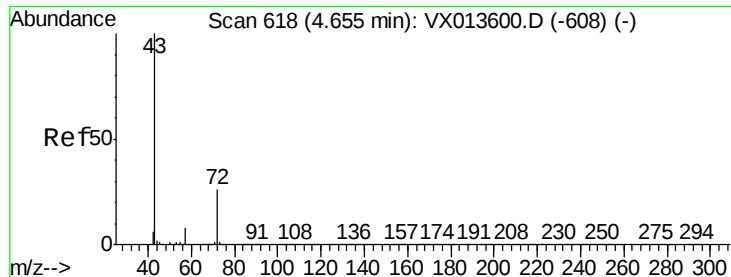
Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.4

100 4.9 2.1 6.3





#25

2-Butanone

Concen: 97.906 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX0137873.D

Acq: 10 Dec 2019 00:44

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 43 Resp: 468325

Ion Ratio Lower Upper

43 100

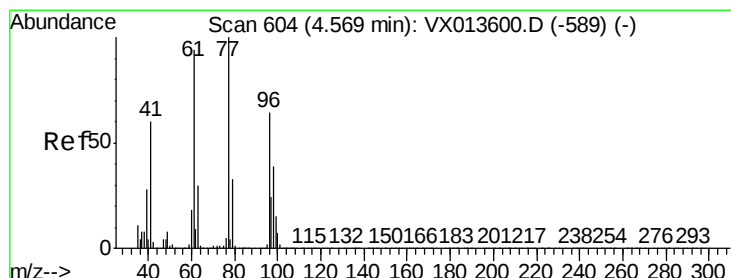
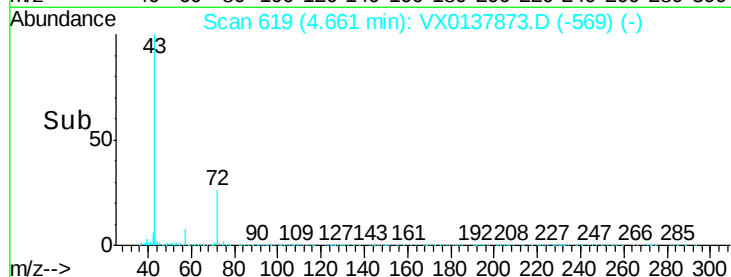
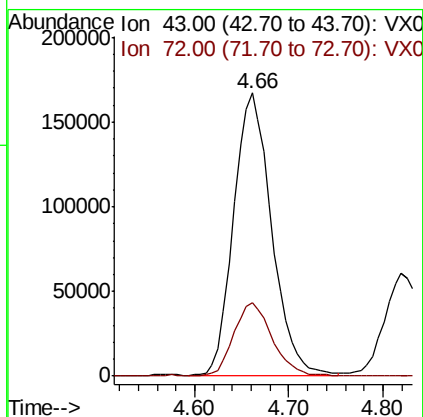
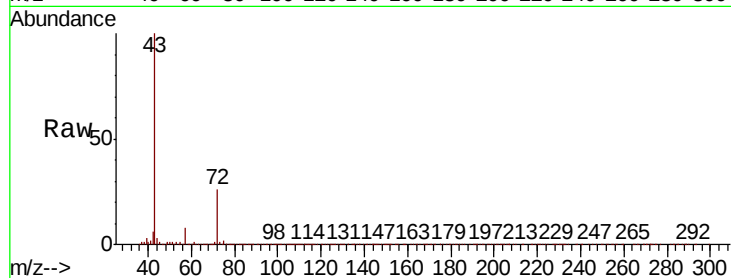
72 25.9 20.6 31.0

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#26

2,2-Dichloropropane

Concen: 14.735 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX0137873.D

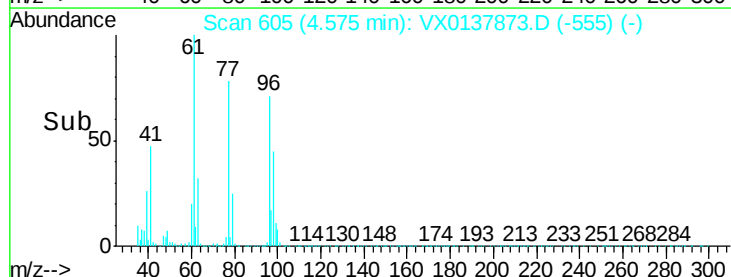
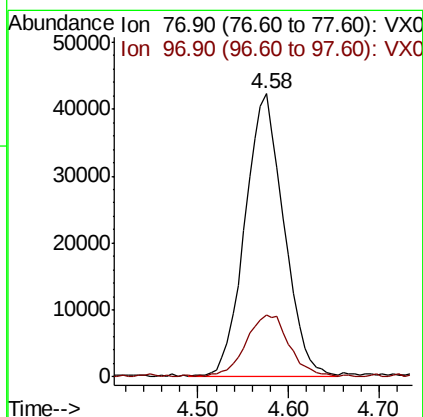
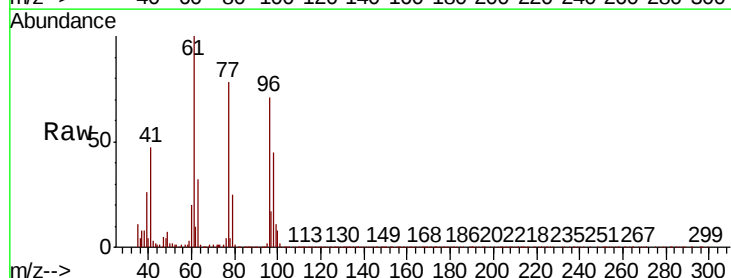
Acq: 10 Dec 2019 00:44

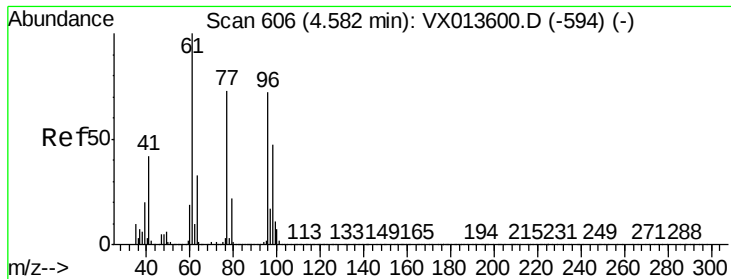
Tgt Ion: 77 Resp: 124468

Ion Ratio Lower Upper

77 100

97 24.7 12.0 36.1





#27

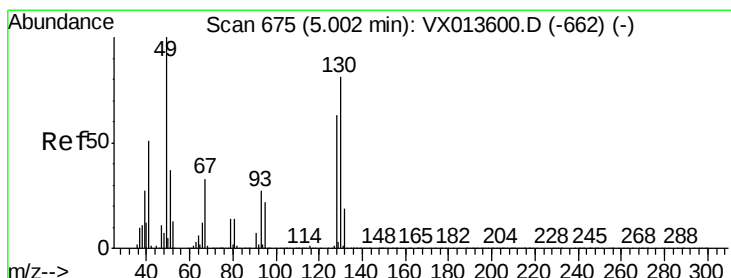
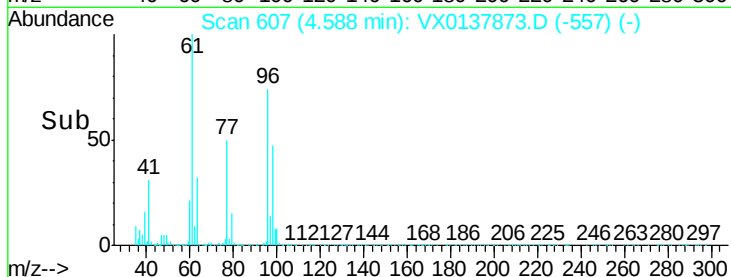
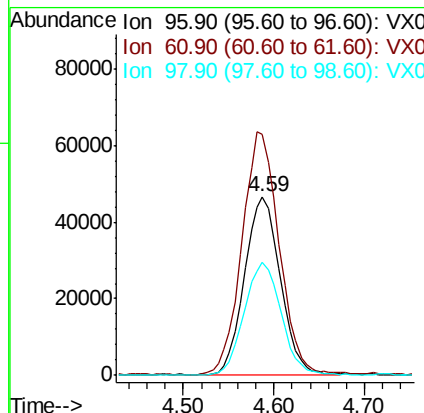
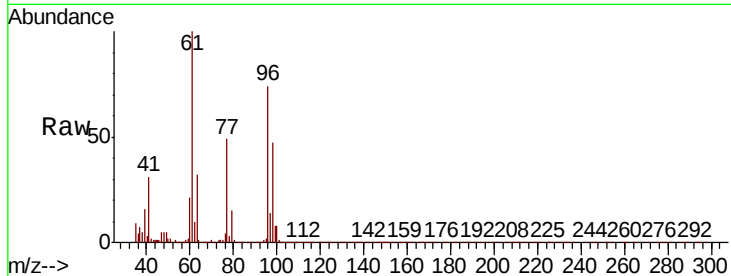
cis-1,2-Dichloroethene
Concen: 18.981 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX0137873.D
Acq: 10 Dec 2019 00:44

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.9	0.0	286.4
98	65.2	0.0	127.4

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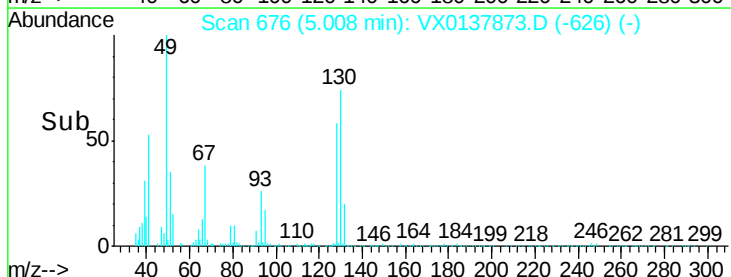
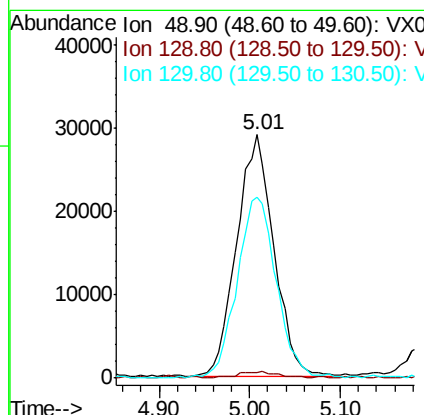
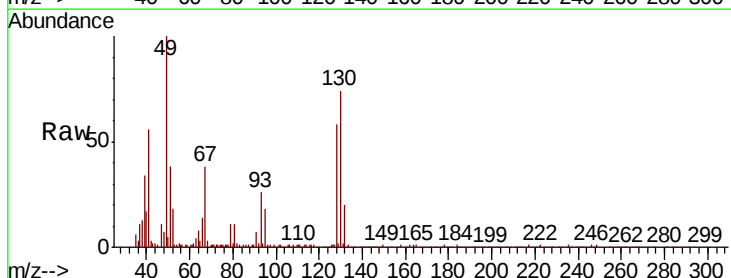
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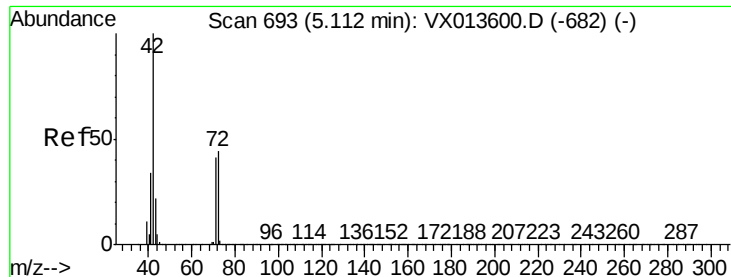


#28

Bromochloromethane
Concen: 20.304 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX0137873.D
Acq: 10 Dec 2019 00:44

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.1	0.0	5.0
130	79.5	65.4	98.0





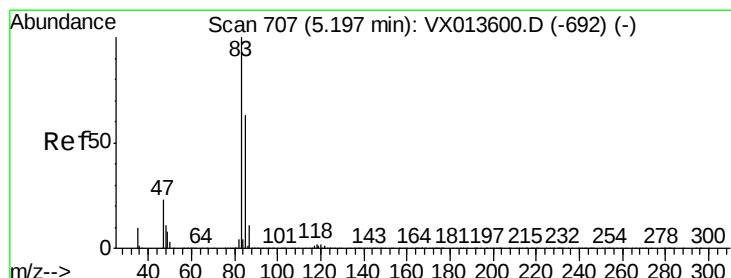
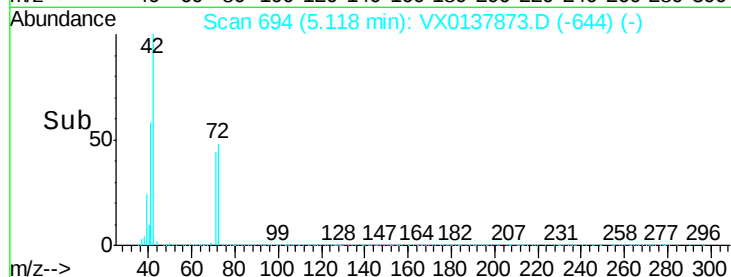
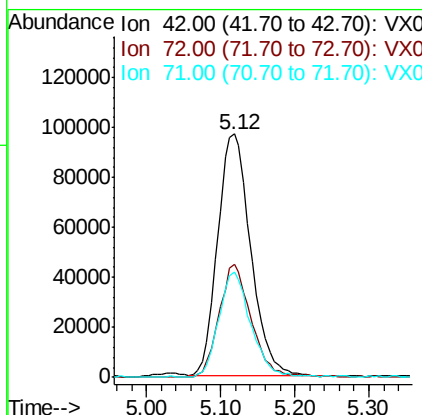
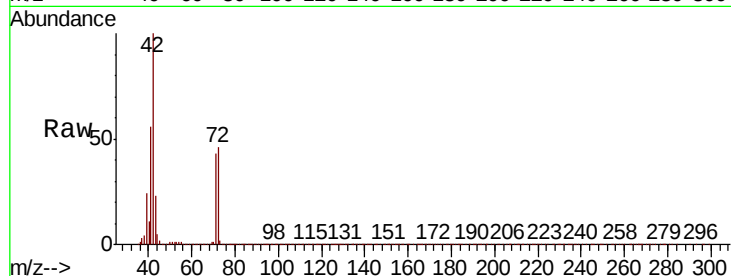
#29
Tetrahydrofuran
Concen: 101.809 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX0137873.D
Acq: 10 Dec 2019 00:44

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.9	36.3	54.5
71	41.5	33.2	49.8

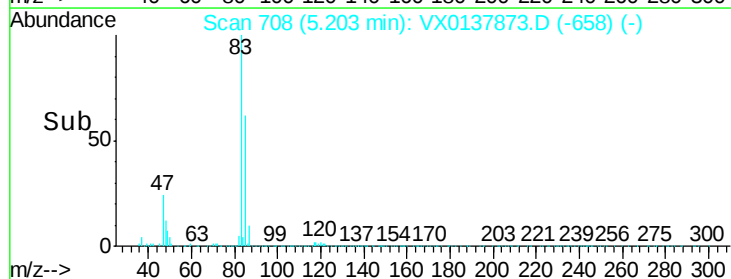
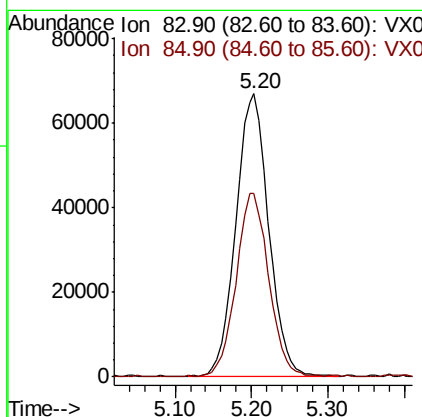
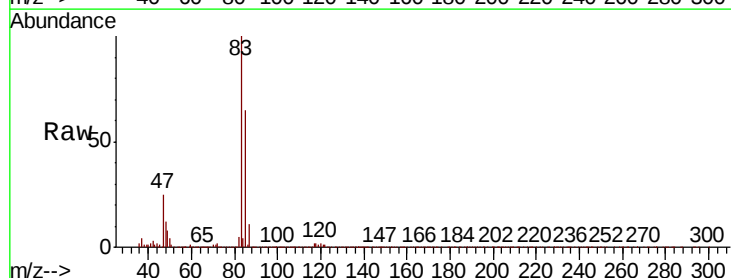
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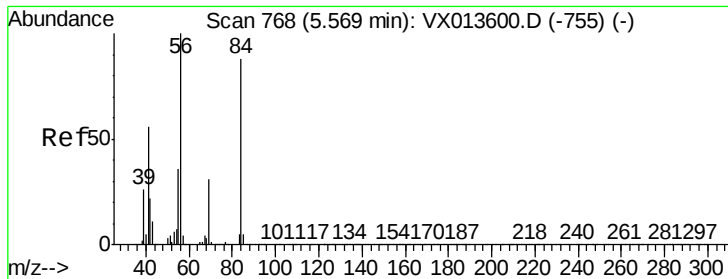
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#30
Chloroform
Concen: 19.090 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX0137873.D
Acq: 10 Dec 2019 00:44

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	50.2	75.4





#31

Cyclohexane

Concen: 18.565 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX0137873.D

Acq: 10 Dec 2019 00:44

Instrument :

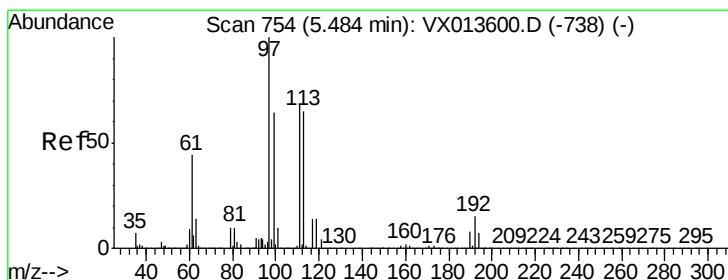
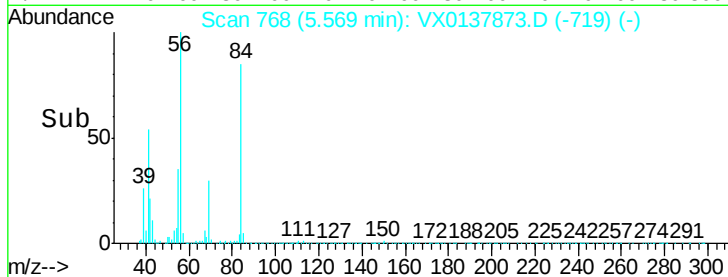
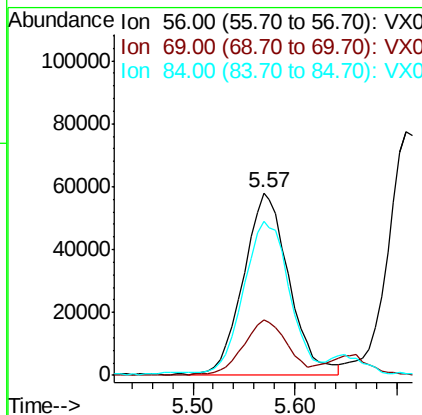
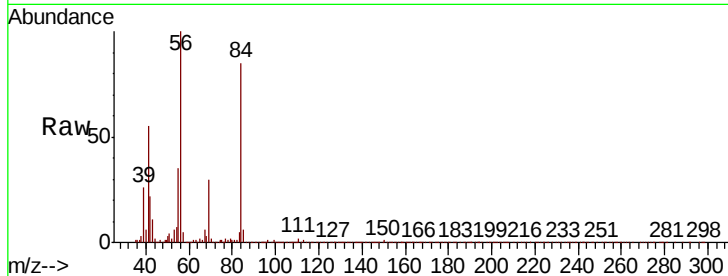
MSVOA_X

ClientSampled :

Tot Ion:	56	Resp:	178783
Ion Ratio	Lower	Upper	
56	100		
69	29.9	24.6	36.8
84	83.3	70.0	105.0

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#32

1,1,1-Trichloroethane

Concen: 19.132 ug/l

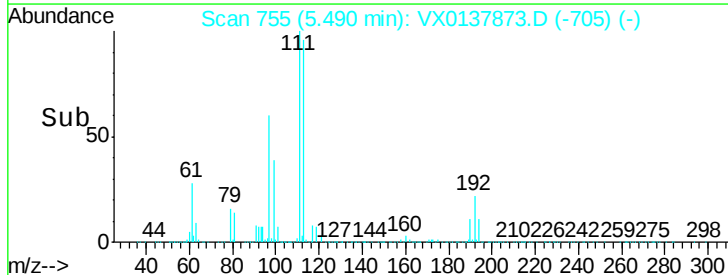
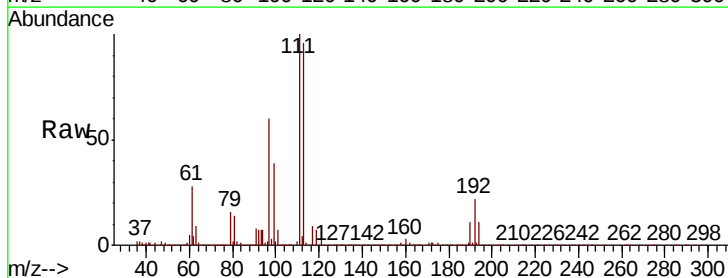
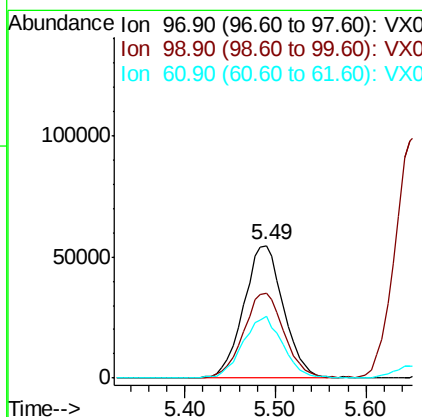
RT: 5.49 min Scan# 755

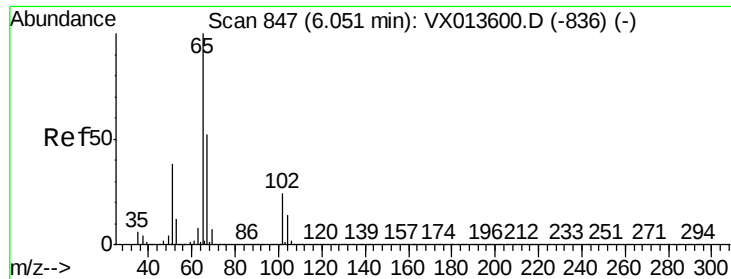
Delta R.T. 0.01 min

Lab File: VX0137873.D

Acq: 10 Dec 2019 00:44

Tgt Ion:	97	Resp:	165541
Ion Ratio	Lower	Upper	
97	100		
99	65.0	51.6	77.4
61	46.3	36.1	54.1





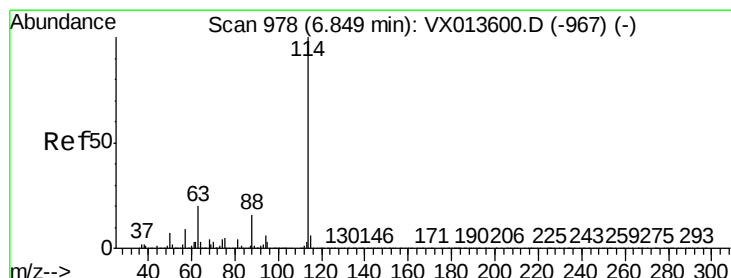
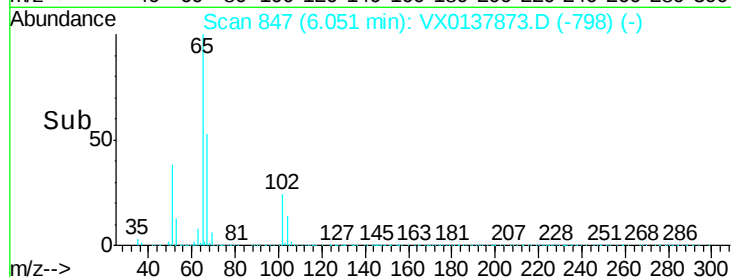
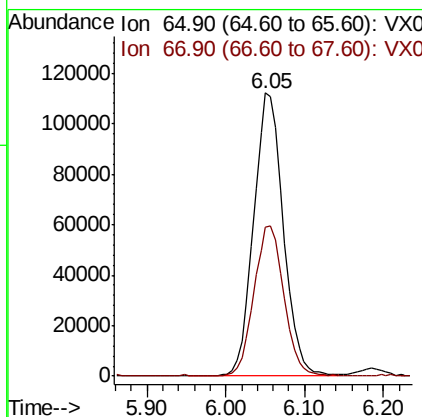
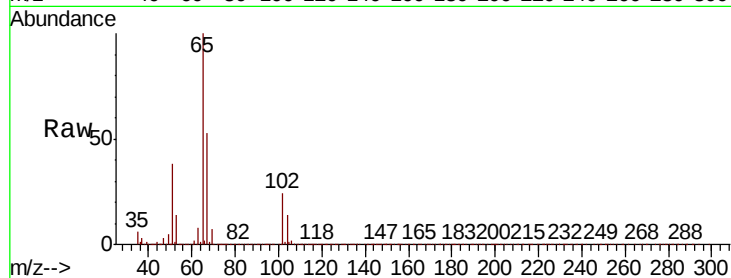
#33
 1,2-Dichloroethane-d4
 Concen: 45.104 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX0137873.D
 Acq: 10 Dec 2019 00:44

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Resp	Lower	Upper
65	100	294036		
67	53.3	0.0	104.4	

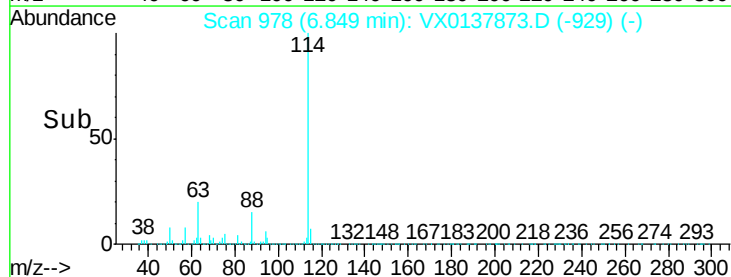
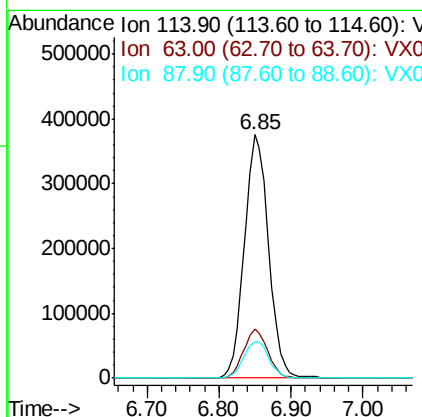
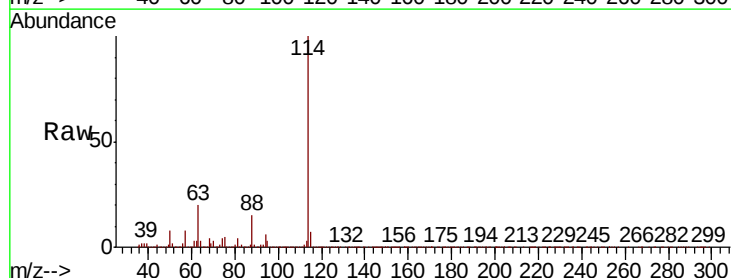
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX0137873.D
 Acq: 10 Dec 2019 00:44

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	872535		
63	19.9	0.0	39.6	
88	15.0	0.0	31.4	





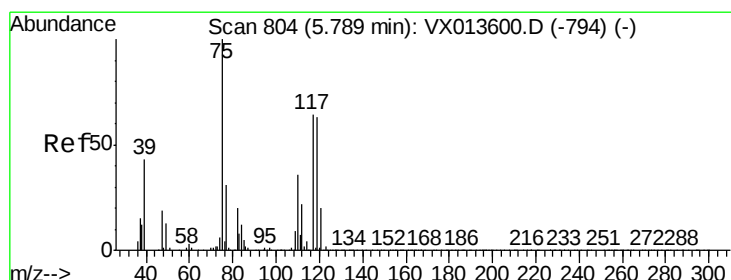
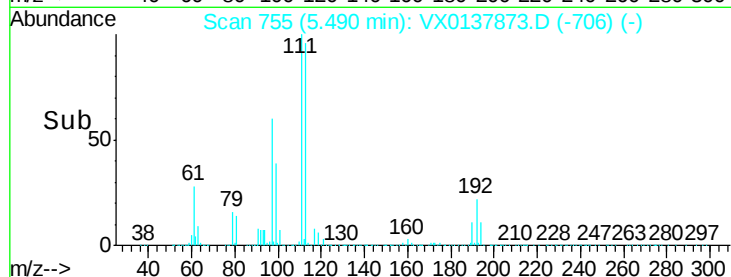
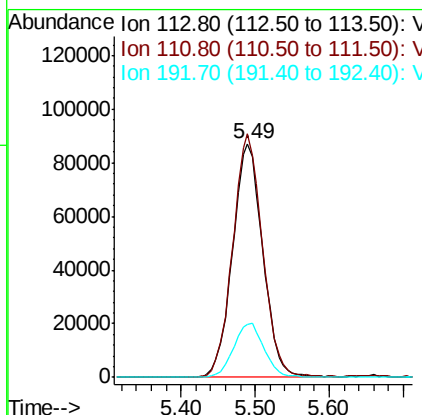
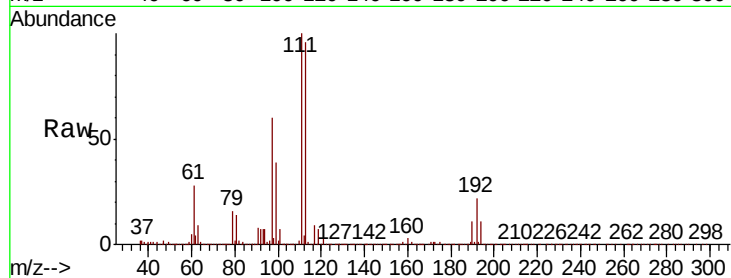
#35
Dibromofluoromethane
Concen: 45.625 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX0137873.D
Acq: 10 Dec 2019 00:44

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Resp	Lower	Upper
113	100	246104		
111	103.7	83.6	125.4	
192	23.6	19.2	28.8	

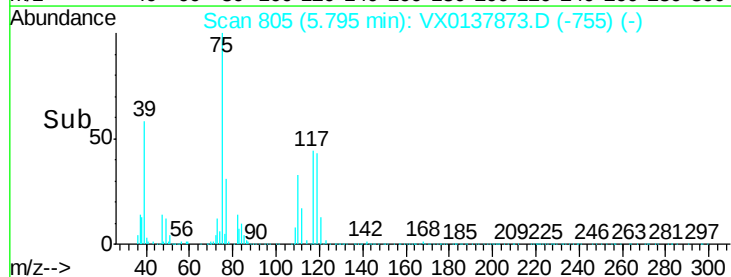
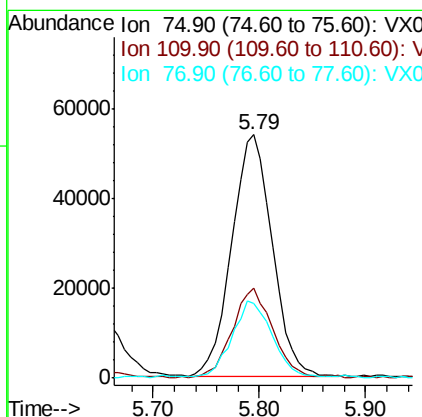
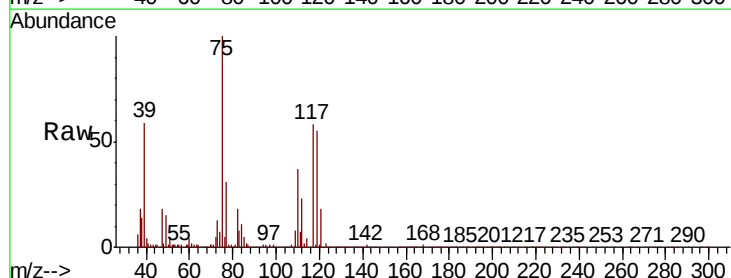
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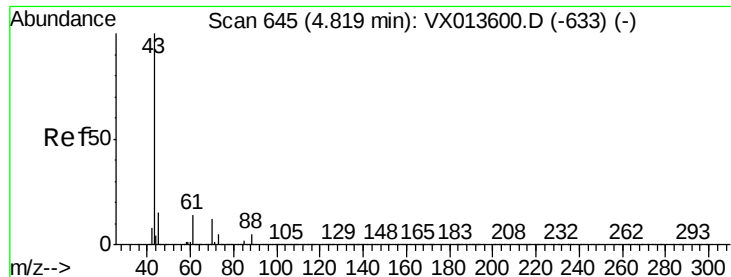
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#36
1,1-Dichloropropene
Concen: 18.232 ug/l
RT: 5.79 min Scan# 805
Delta R.T. 0.01 min
Lab File: VX0137873.D
Acq: 10 Dec 2019 00:44

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	144404		
110	36.2	18.1	54.1	
77	30.7	24.5	36.7	





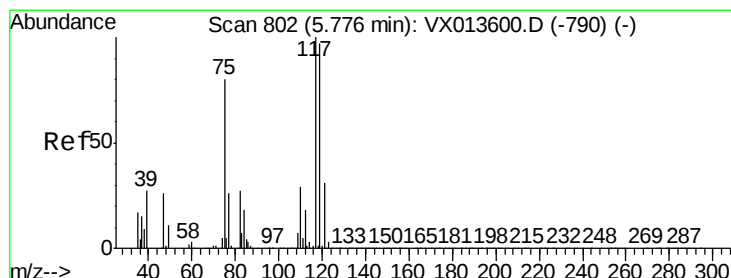
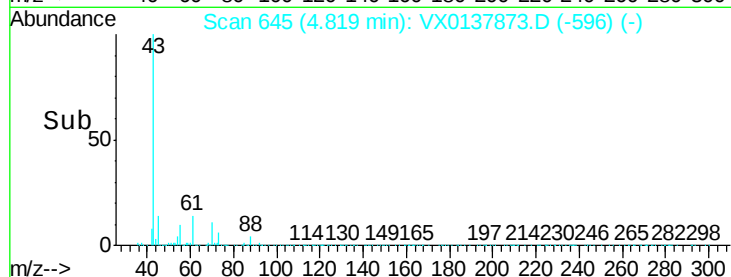
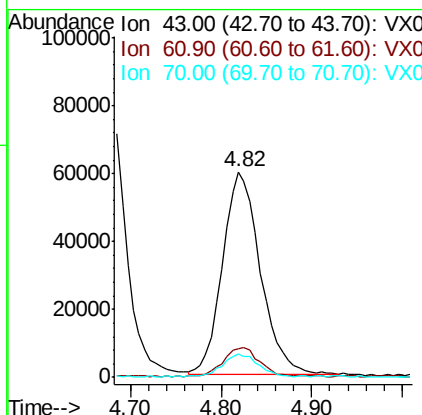
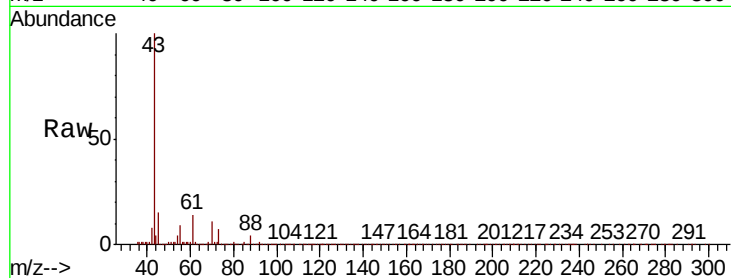
#37
Ethyl Acetate
Concen: 19.624 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX0137873.D
Acq: 10 Dec 2019 00:44

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	43	Resp	174369
Ion Ratio	Lower	Upper	
43	100		
61	14.1	11.0	16.4
70	10.6	8.6	12.8

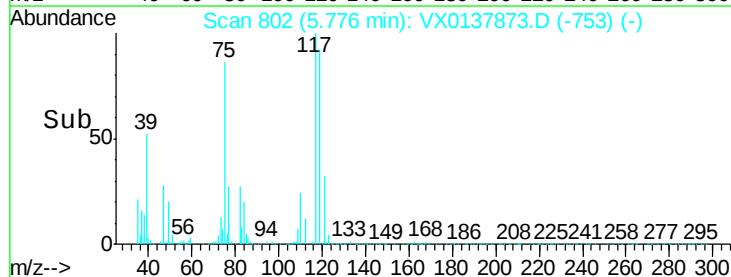
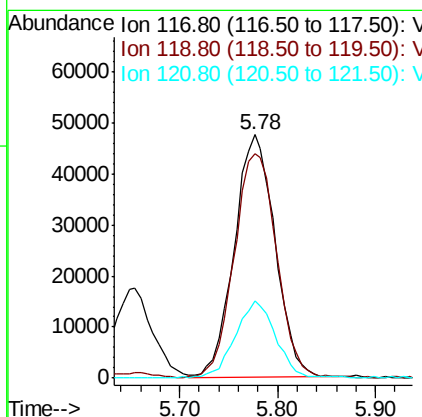
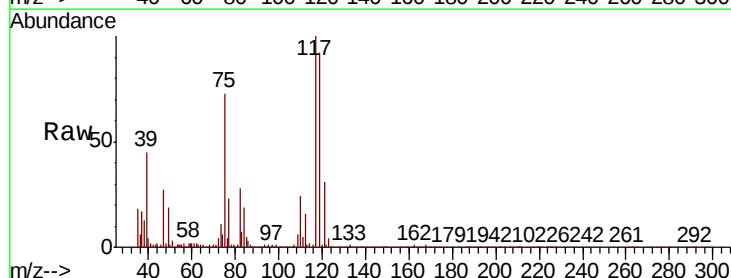
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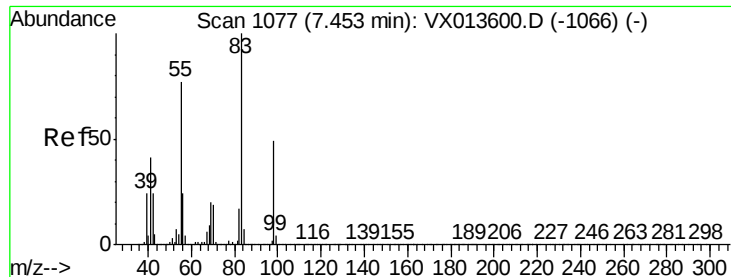
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#38
Carbon Tetrachloride
Concen: 18.762 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX0137873.D
Acq: 10 Dec 2019 00:44

Tgt Ion	117	Resp	137023
Ion Ratio	Lower	Upper	
117	100		
119	92.0	77.5	116.3
121	31.3	25.0	37.6





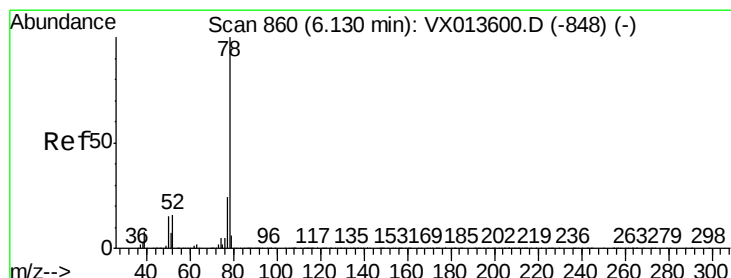
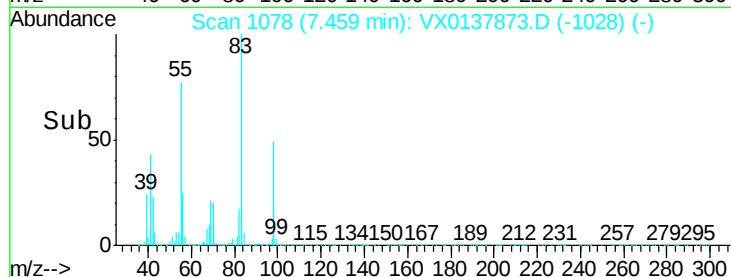
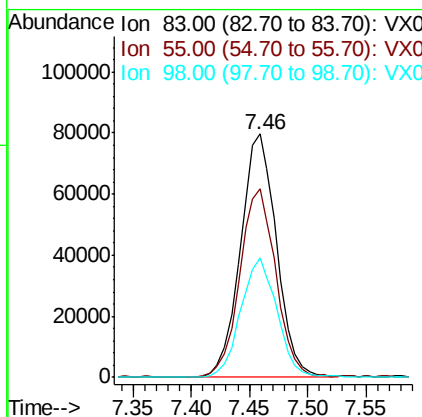
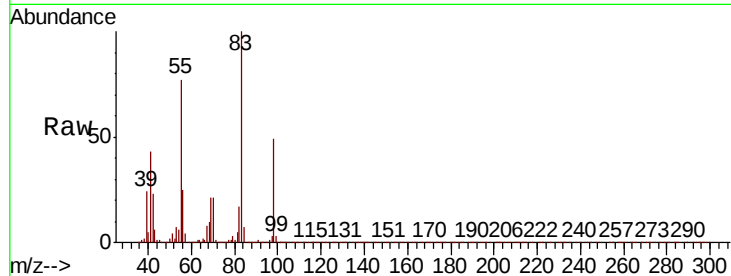
#39
Methvlcvclohexane
Concen: 17.462 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX0137873.D
Acq: 10 Dec 2019 00:44

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.2	61.9	92.9
98	48.9	39.4	59.0

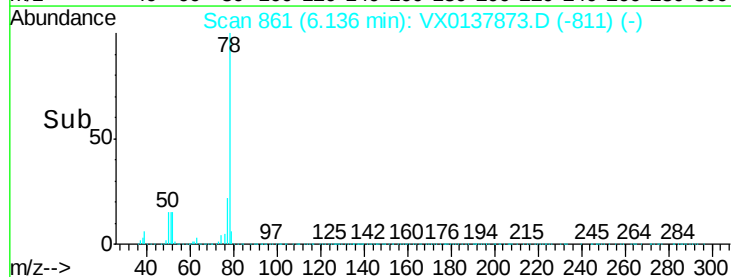
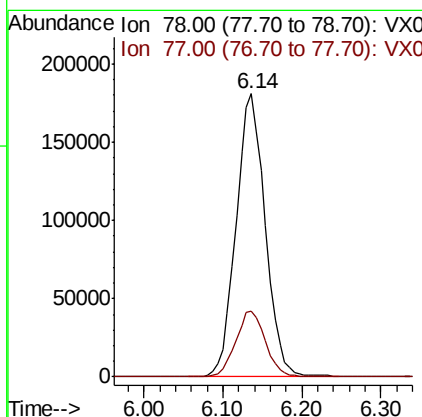
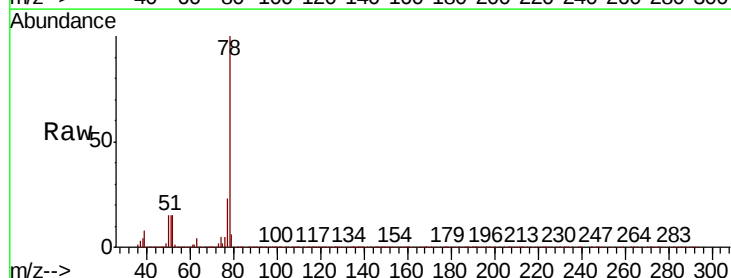
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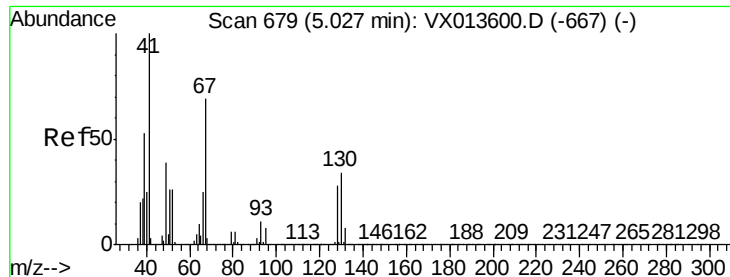
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#40
Benzene
Concen: 19.264 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX0137873.D
Acq: 10 Dec 2019 00:44

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.0	28.4





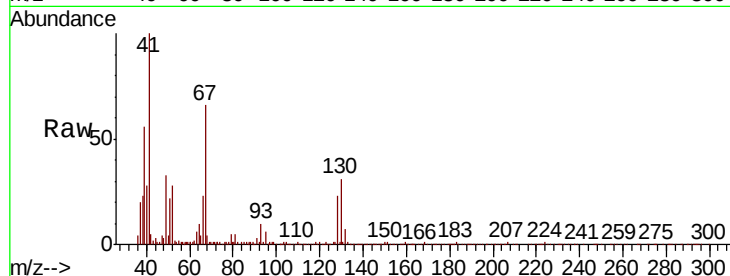
#41
Methacrylonitrile
Concen: 20.413 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX0137873.D
Acq: 10 Dec 2019 00:44

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	99474
Ion Ratio	Lower	Upper	
41	100		
39	56.7	42.9	64.3
67	70.0	57.4	86.0
52	29.0	22.4	33.6

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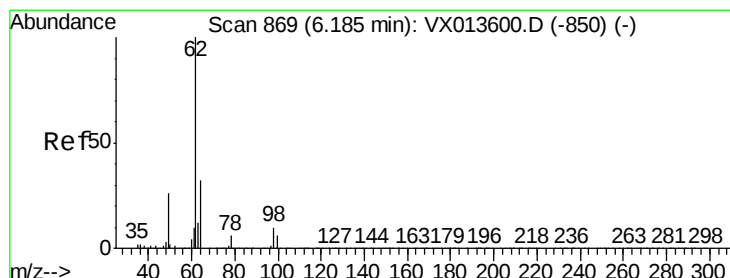
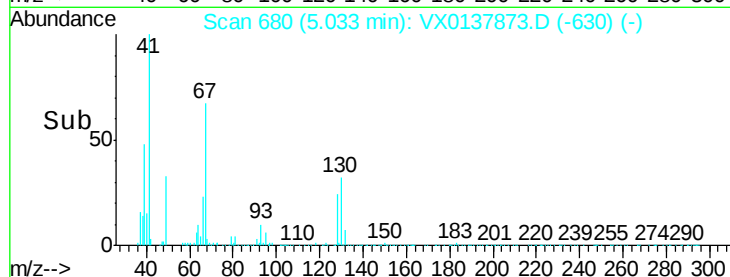
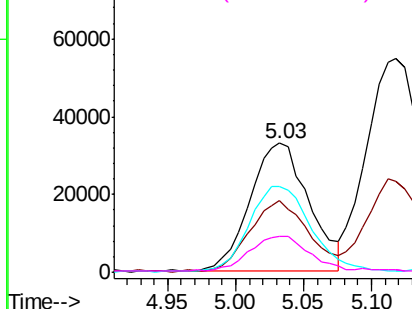
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

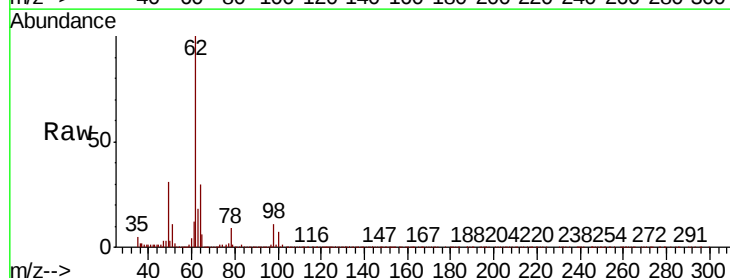
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 19.786 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX0137873.D
Acq: 10 Dec 2019 00:44

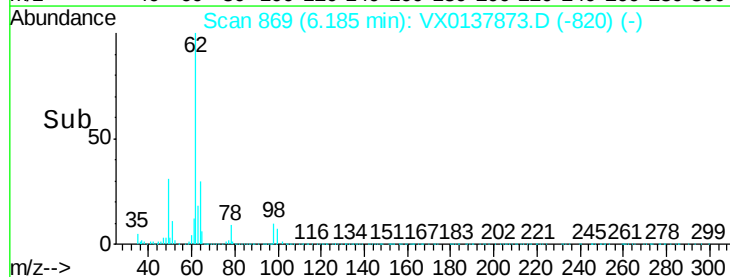
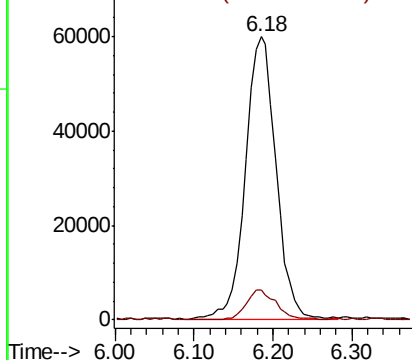
Tgt Ion:	62	Resp:	162776
Ion Ratio	Lower	Upper	
62	100		
98	10.3	0.0	20.8

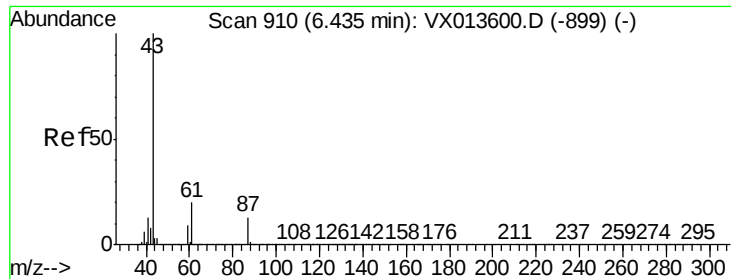


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

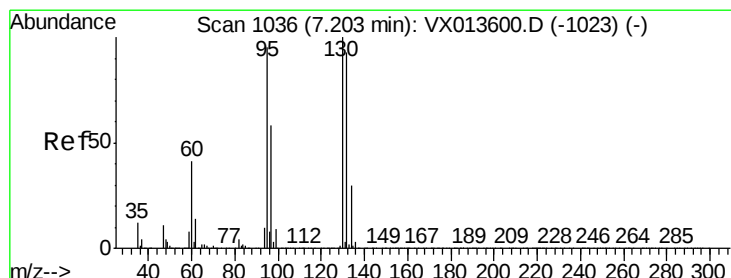
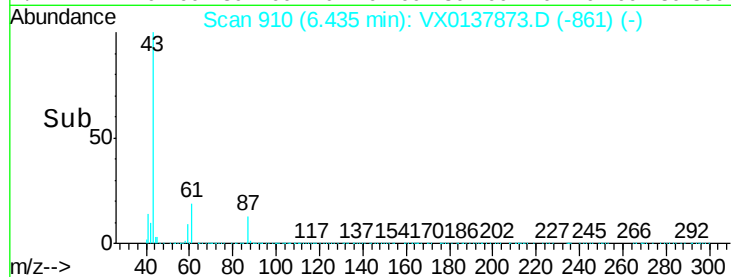
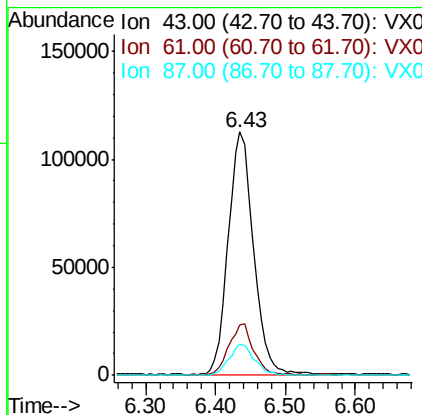
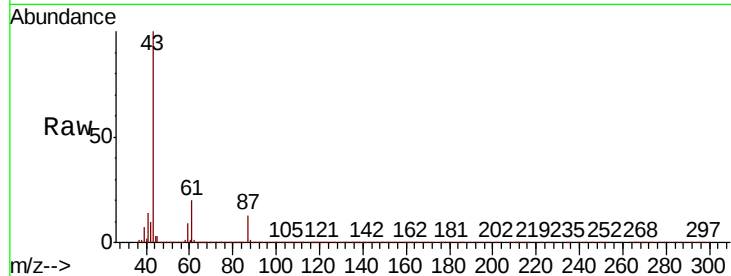
Isopropyl Acetate
 Concen: 19.346 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: VX0137873.D
 Acq: 10 Dec 2019 00:44

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.3	16.3	24.5
87	13.0	10.8	16.2

Manual Integrations
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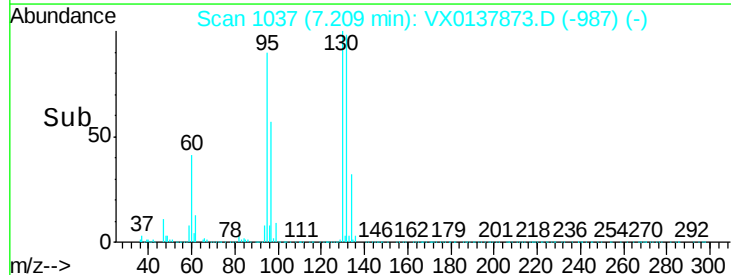
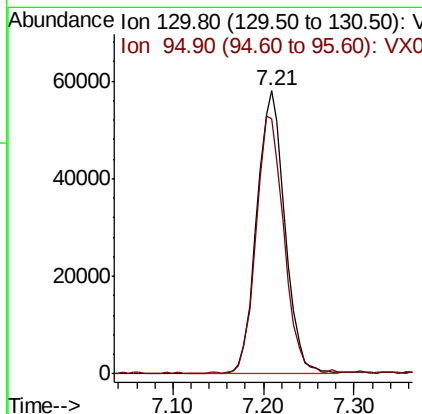
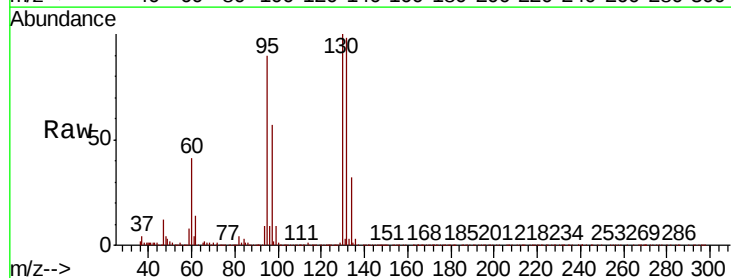
apatel
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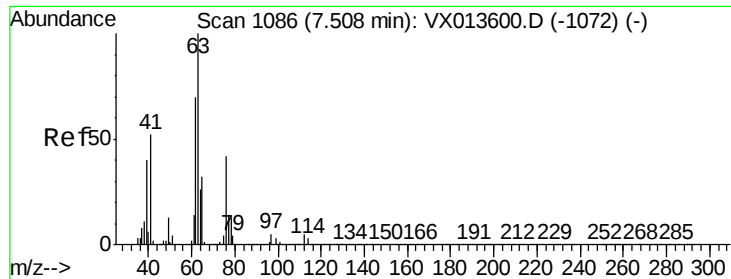


#44

Trichloroethene
 Concen: 18.790 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX0137873.D
 Acq: 10 Dec 2019 00:44

Tgt Ion	Ratio	Lower	Upper
130	100		
95	89.9	0.0	190.8





#45

1,2-Dichloropropane

Concen: 20.092 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX0137873.D

Acq: 10 Dec 2019 00:44

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 63 Resp: 121267

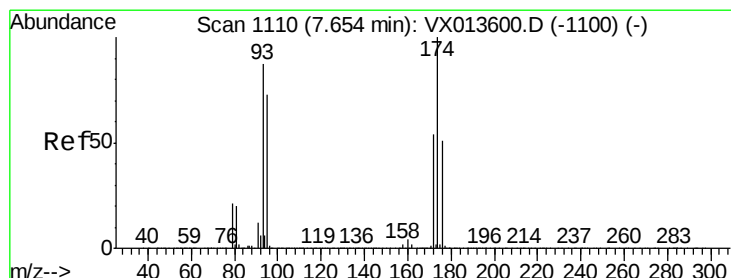
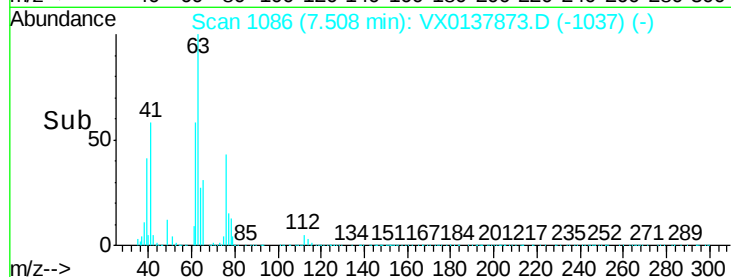
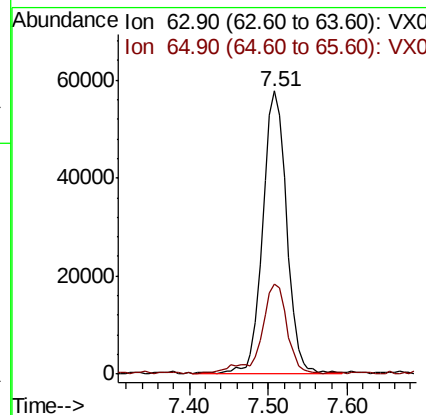
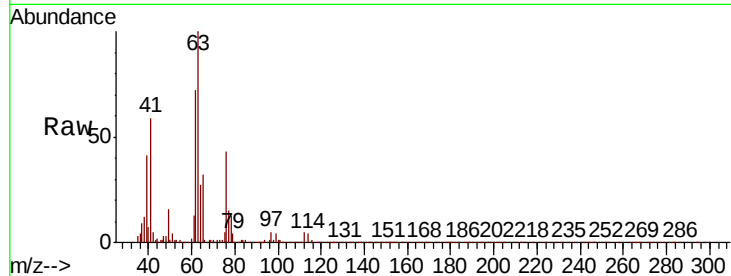
Ion Ratio Lower Upper

63 100

65 31.7 25.5 38.3

Manual Integrations
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#46

Dibromomethane

Concen: 18.730 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX0137873.D

Acq: 10 Dec 2019 00:44

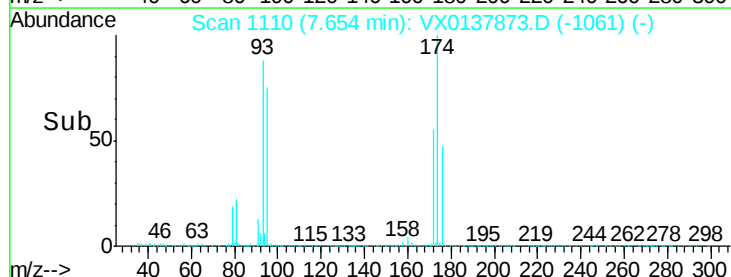
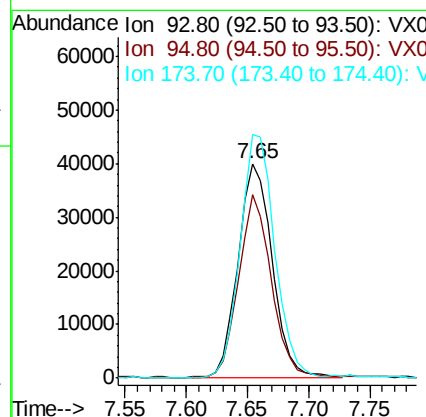
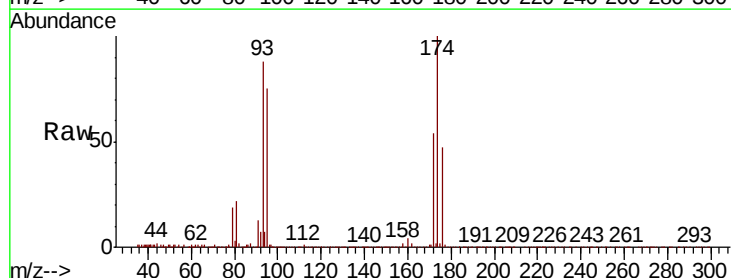
Tgt Ion: 93 Resp: 76778

Ion Ratio Lower Upper

93 100

95 82.6 66.2 99.2

174 117.1 93.4 140.0





#47

Bromodichloromethane

Concen: 18.999 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX0137873.D

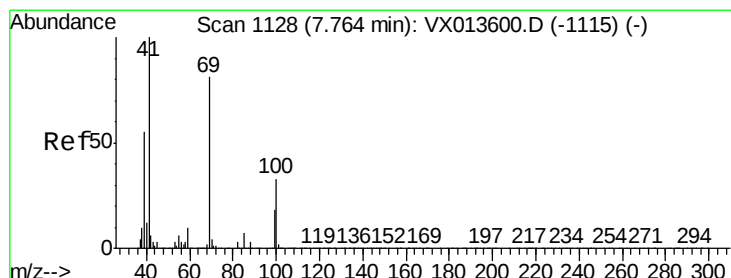
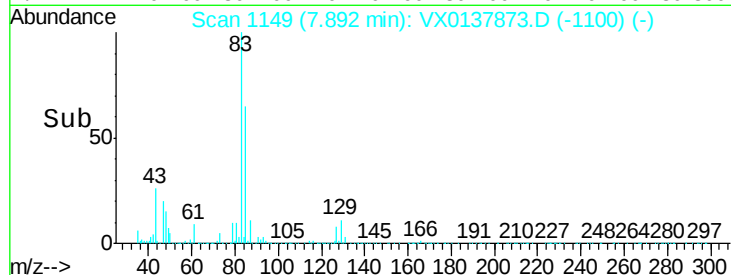
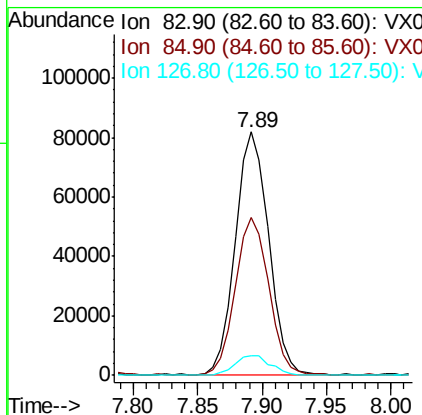
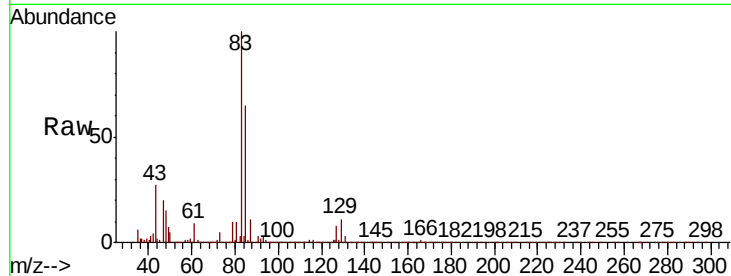
Acq: 10 Dec 2019 00:44

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	83	Resp:	147233
Ion	Ratio	Lower	Upper
83	100		
85	64.8	52.1	78.1
127	7.6	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.751 ug/l

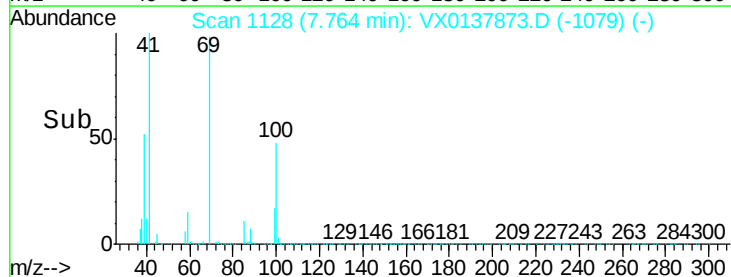
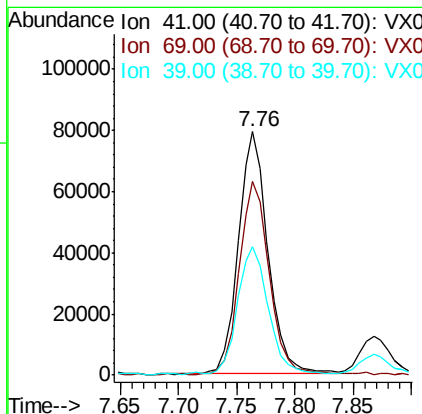
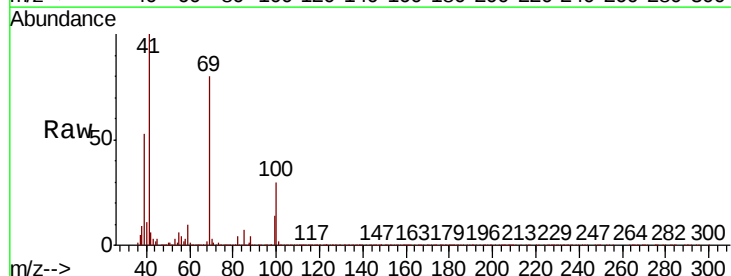
RT: 7.76 min Scan# 1128

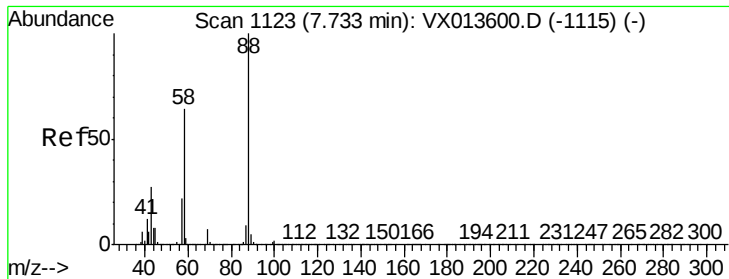
Delta R.T. -0.00 min

Lab File: VX0137873.D

Acq: 10 Dec 2019 00:44

Tgt Ion:	41	Resp:	140384
Ion	Ratio	Lower	Upper
41	100		
69	80.9	64.7	97.1
39	54.5	43.8	65.6





#49

1,4-Dioxane

Concen: 348.987 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VX0137873.D

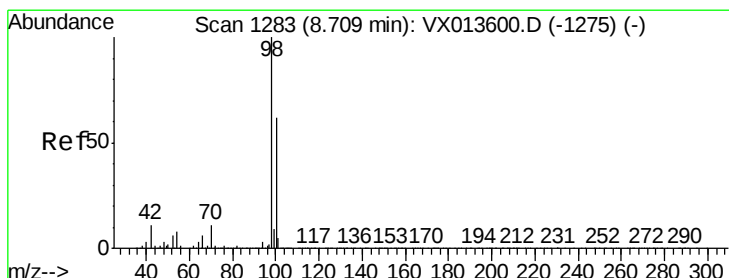
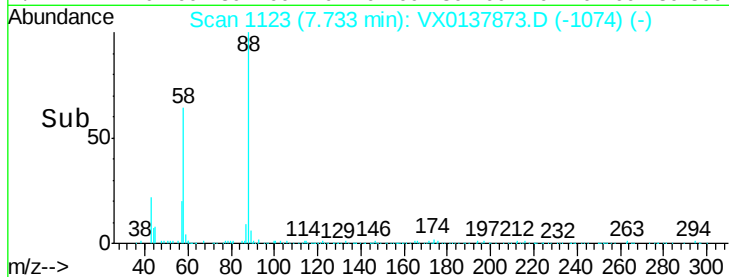
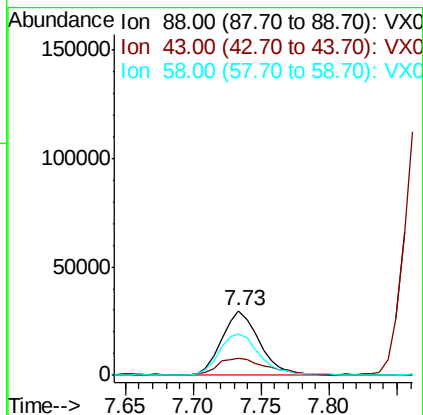
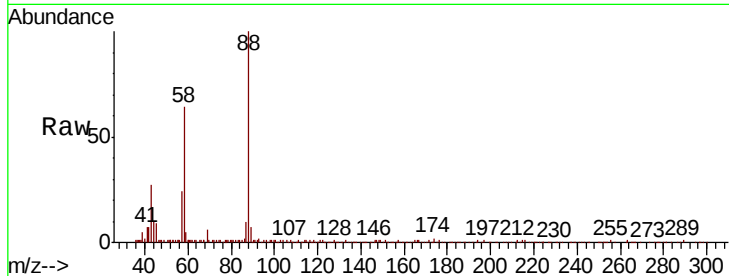
Acq: 10 Dec 2019 00:44

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	88	Resp:	55522
Ion Ratio	Lower	Upper	
88	100		
43	33.7	25.8	38.6
58	71.7	54.6	82.0

Manual Integrations
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#50

Toluene-d8

Concen: 44.218 ug/l

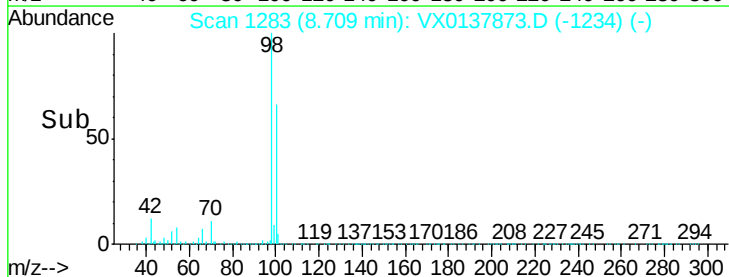
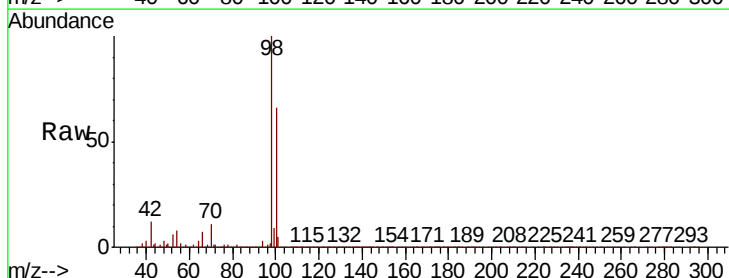
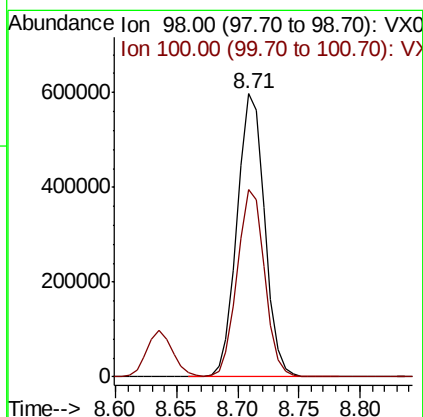
RT: 8.71 min Scan# 1283

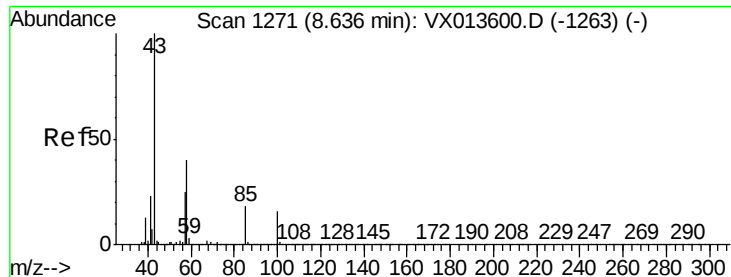
Delta R.T. -0.00 min

Lab File: VX0137873.D

Acq: 10 Dec 2019 00:44

Tgt Ion:	98	Resp:	929283
Ion Ratio	Lower	Upper	
98	100		
100	65.7	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 99.539 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX0137873.D

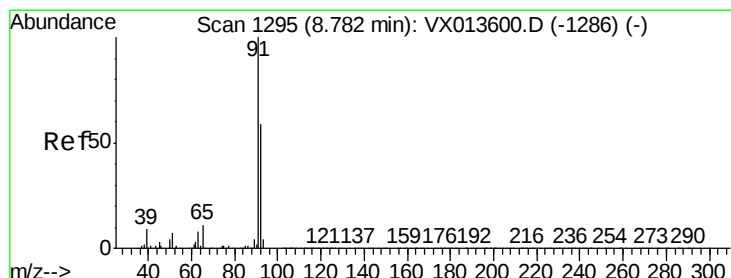
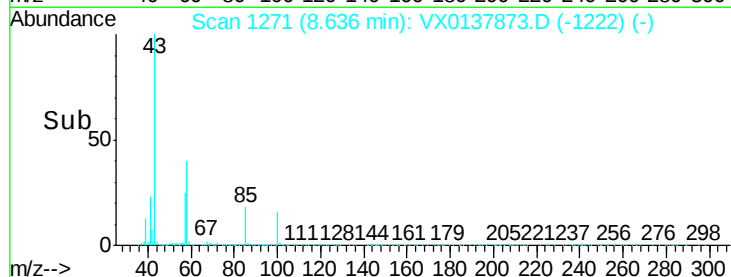
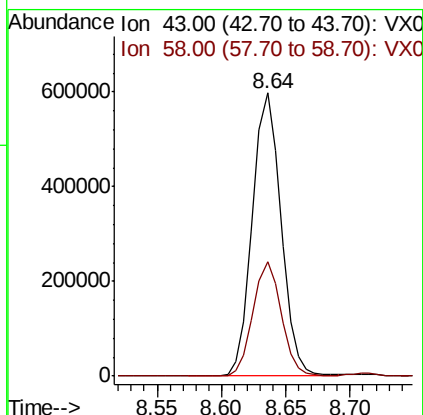
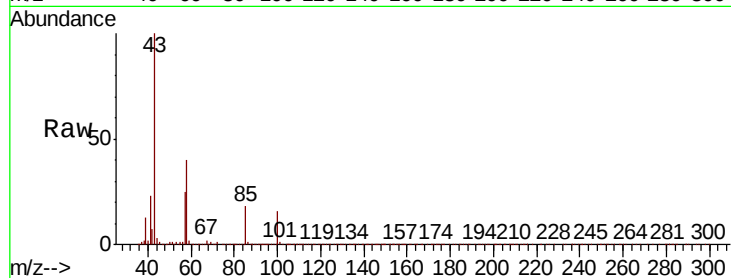
Acq: 10 Dec 2019 00:44

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	43.00	Resp	915919
Ion	Ratio	Lower	Upper
43	100		
58	39.7	32.1	48.1

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#52

Toluene

Concen: 19.022 ug/l

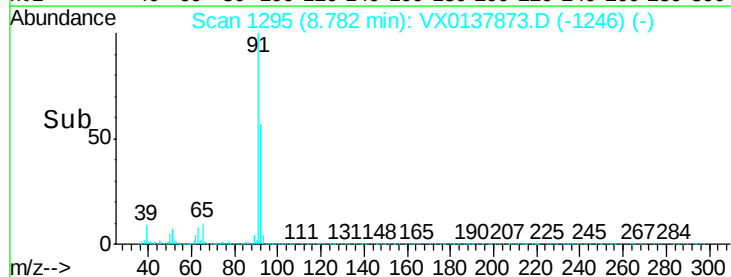
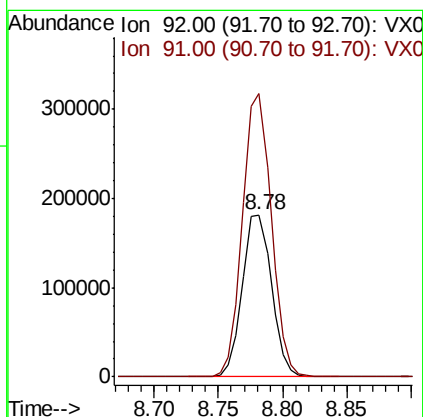
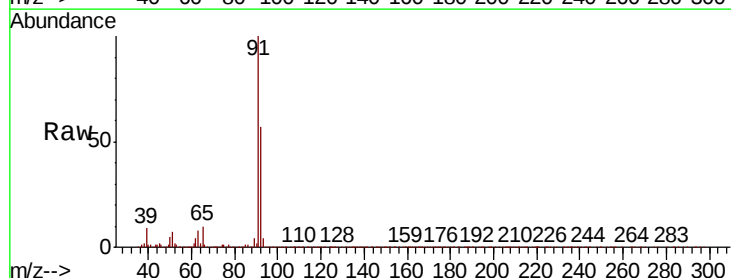
RT: 8.78 min Scan# 1295

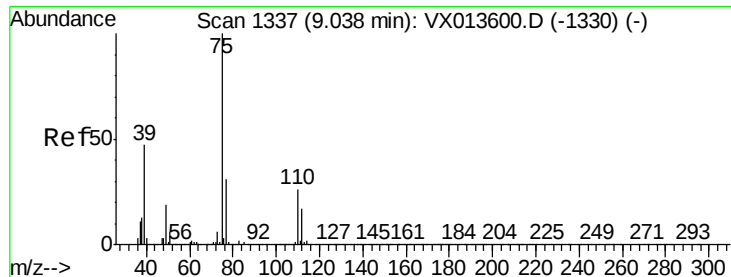
Delta R.T. -0.00 min

Lab File: VX0137873.D

Acq: 10 Dec 2019 00:44

Tgt Ion	92.00	Resp	285064
Ion	Ratio	Lower	Upper
92	100		
91	172.7	136.2	204.2





#53

t-1,3-Dichloropropene

Concen: 17.203 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX0137873.D

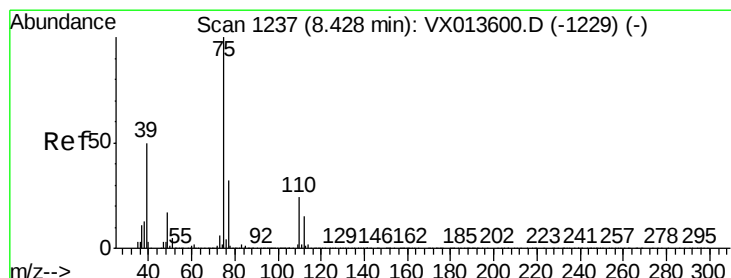
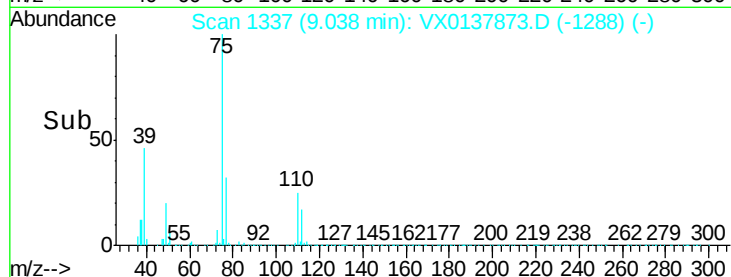
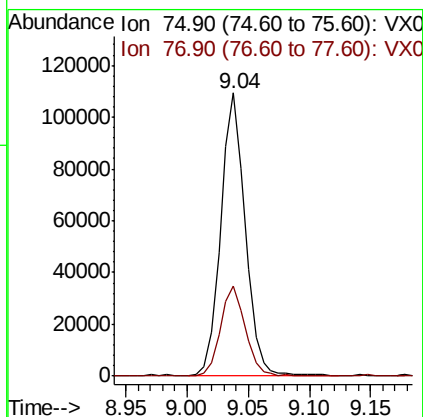
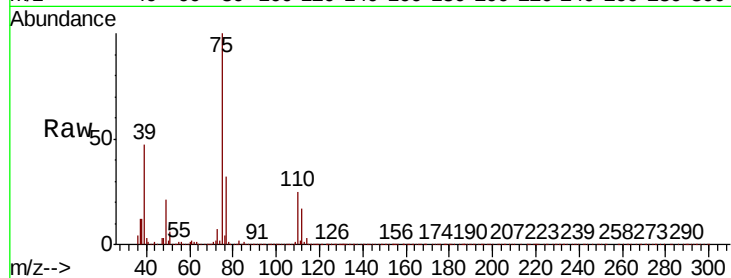
Acq: 10 Dec 2019 00:44

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.6	24.4	36.6

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#54

cis-1,3-Dichloropropene

Concen: 18.092 ug/l

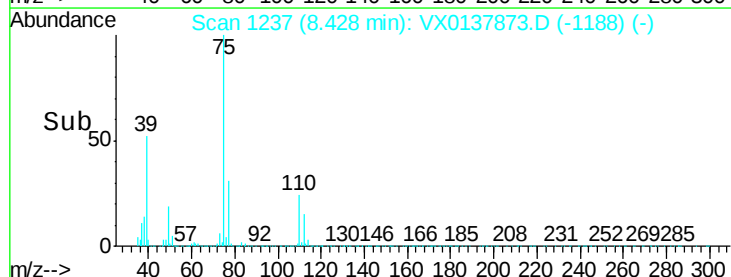
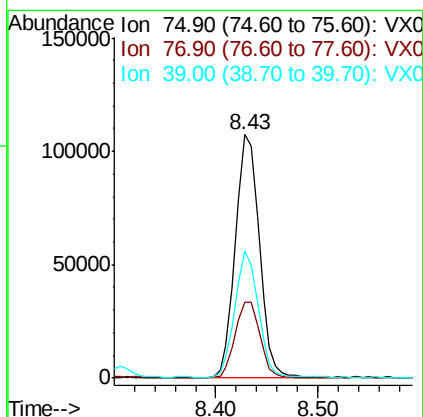
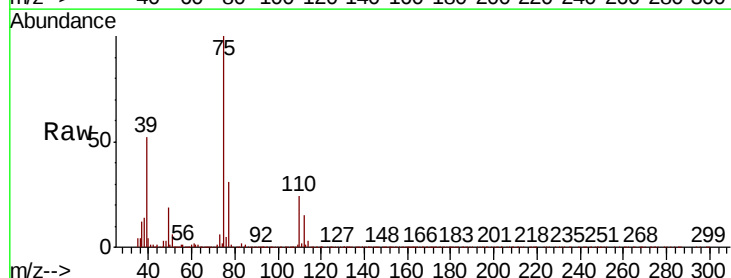
RT: 8.43 min Scan# 1237

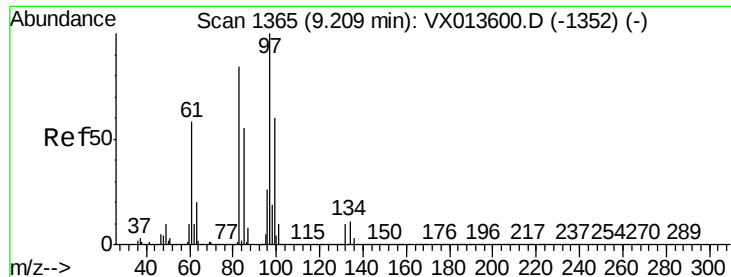
Delta R.T. -0.00 min

Lab File: VX0137873.D

Acq: 10 Dec 2019 00:44

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.8	38.6
39	52.0	39.9	59.9





#55

1,1,2-Trichloroethane

Concen: 19.866 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX0137873.D

Acq: 10 Dec 2019 00:44

Instrument :

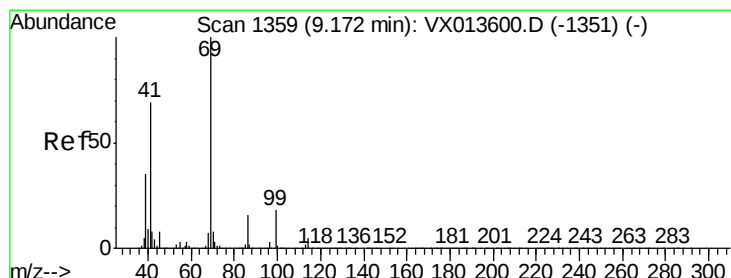
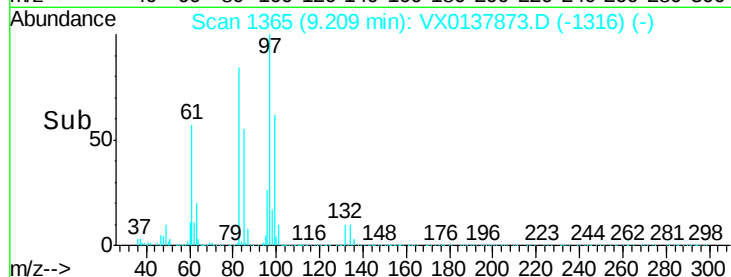
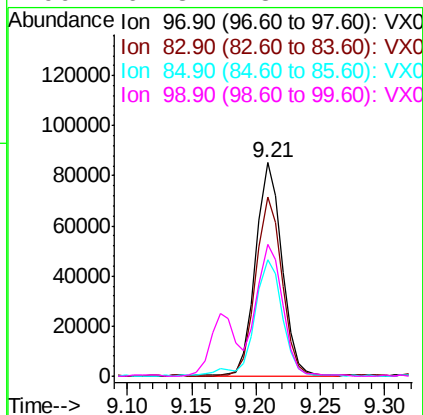
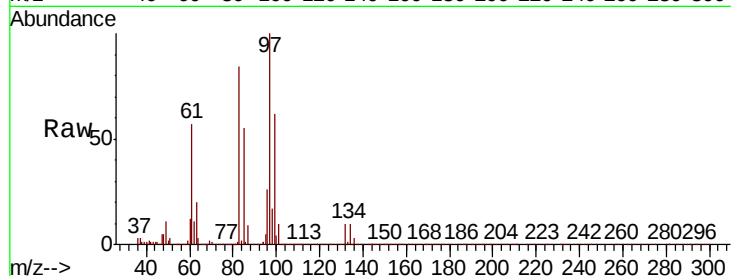
MSVOA_X

ClientSampleId :

Tot Ion:	97	Resp:	119976
Ion	Ratio	Lower	Upper
97	100		
83	84.0	67.3	100.9
85	54.4	43.6	65.4
99	61.3	48.2	72.4

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#56

Ethyl methacrylate

Concen: 18.785 ug/l

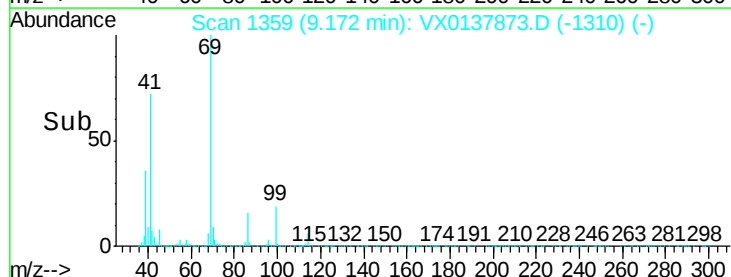
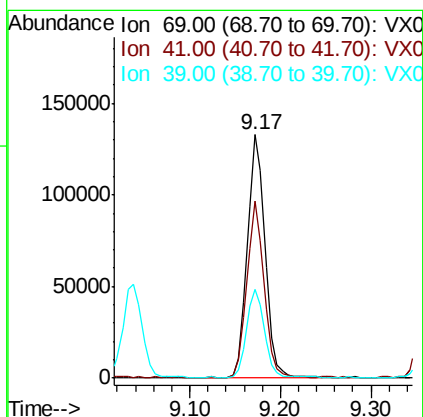
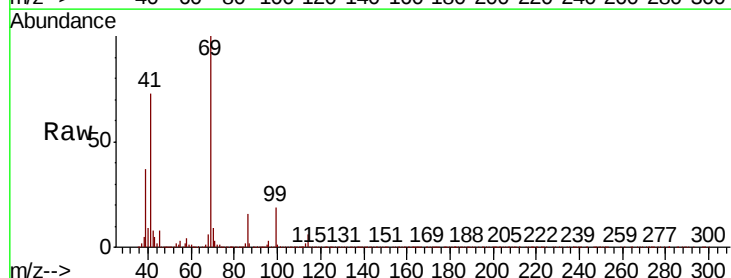
RT: 9.17 min Scan# 1359

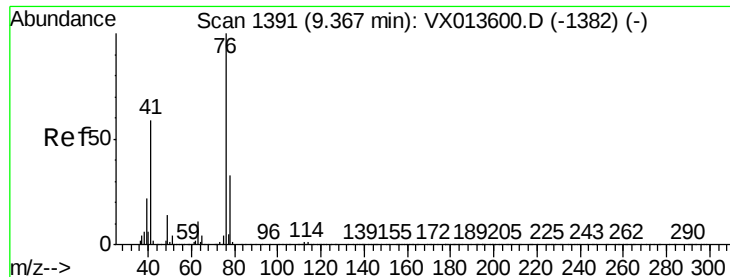
Delta R.T. -0.00 min

Lab File: VX0137873.D

Acq: 10 Dec 2019 00:44

Tgt Ion:	69	Resp:	182390
Ion	Ratio	Lower	Upper
69	100		
41	69.4	55.0	82.4
39	36.1	28.7	43.1





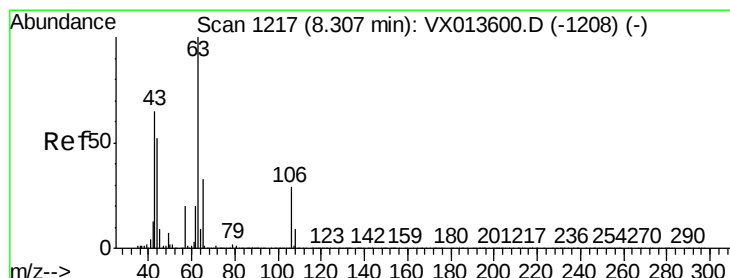
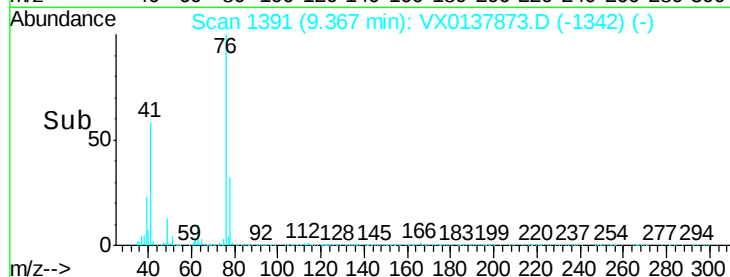
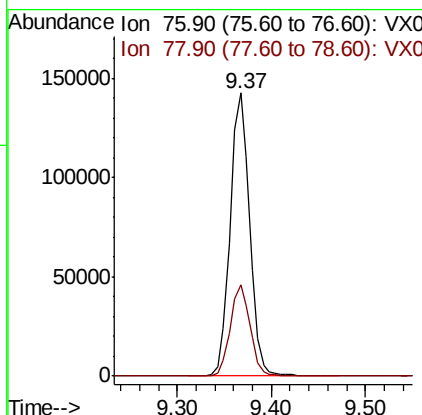
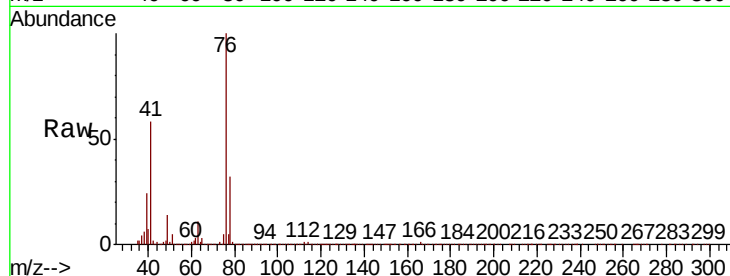
#57
 1,3-Dichloropropane
 Concen: 19.663 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX0137873.D
 Acq: 10 Dec 2019 00:44

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.6	26.0	39.0

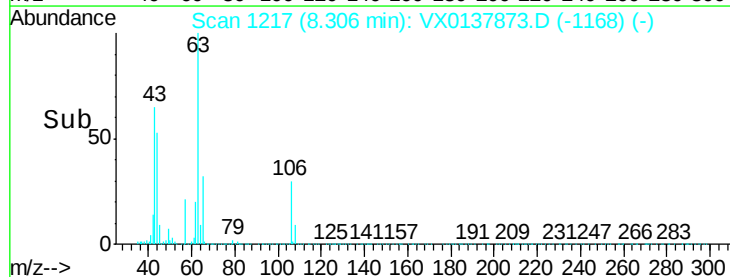
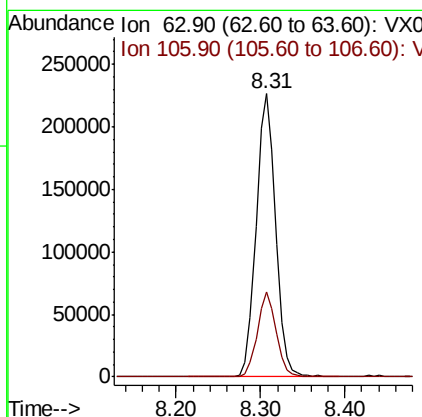
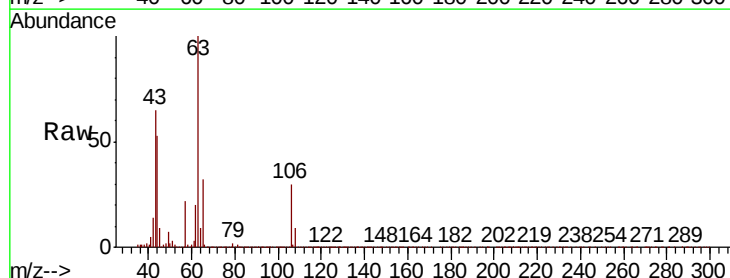
Manual Integrations
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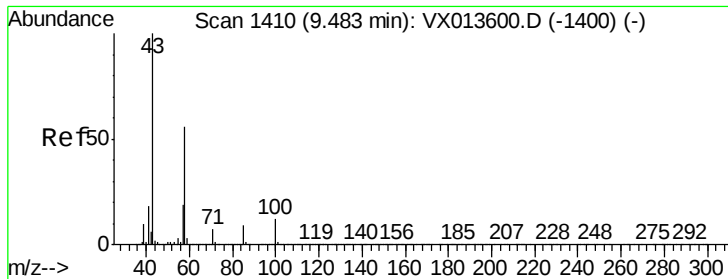
apatel
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#58
 2-Chloroethyl Vinyl ether
 Concen: 93.613 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX0137873.D
 Acq: 10 Dec 2019 00:44

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.8	23.4	35.0





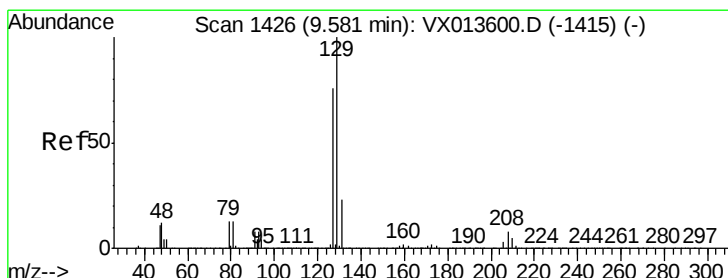
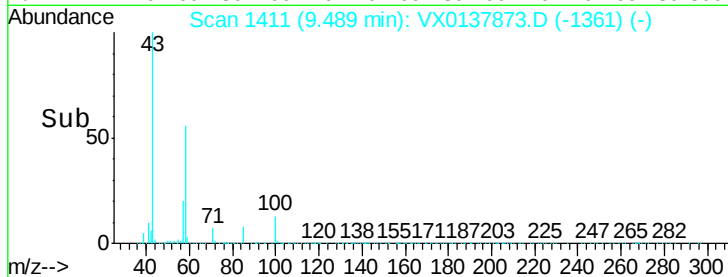
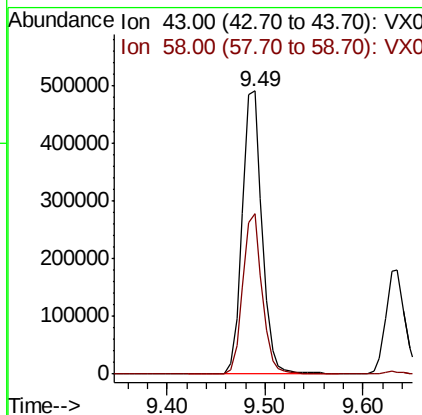
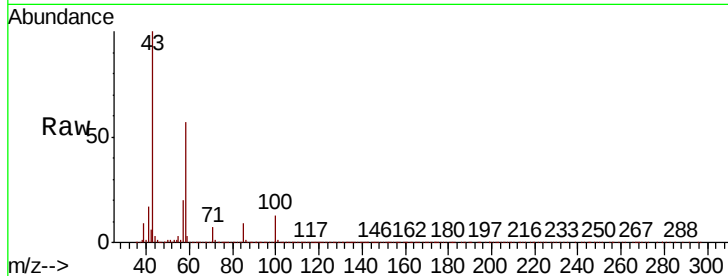
#59
2-Hexanone
Concen: 96.325 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX0137873.D
Acq: 10 Dec 2019 00:44

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 691278
Ion Ratio Lower Upper
43 100
58 55.5 28.1 84.4

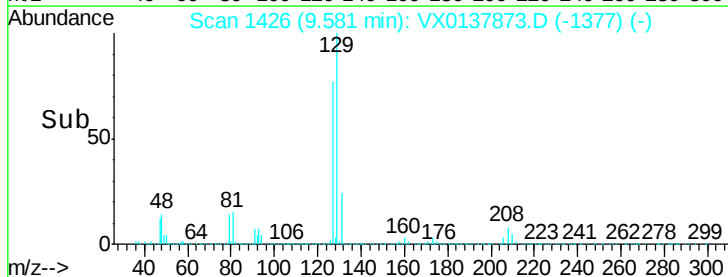
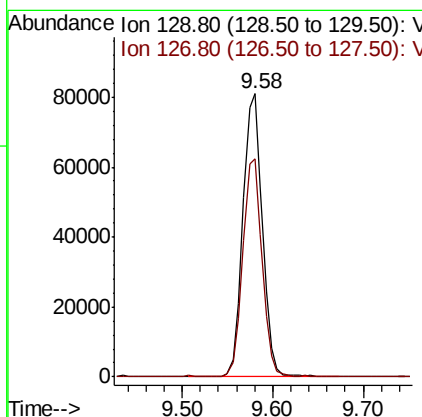
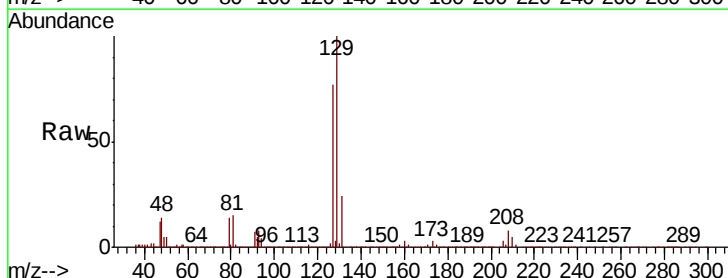
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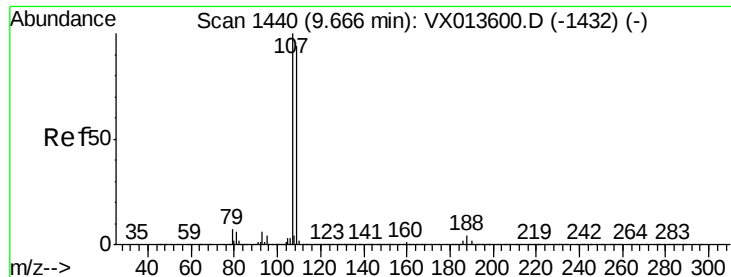
apatel
12/10/2019 11:20:49 AM



#60
Dibromochloromethane
Concen: 19.264 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. -0.00 min
Lab File: VX0137873.D
Acq: 10 Dec 2019 00:44

Tgt Ion: 129 Resp: 120733
Ion Ratio Lower Upper
129 100
127 75.8 38.5 115.5





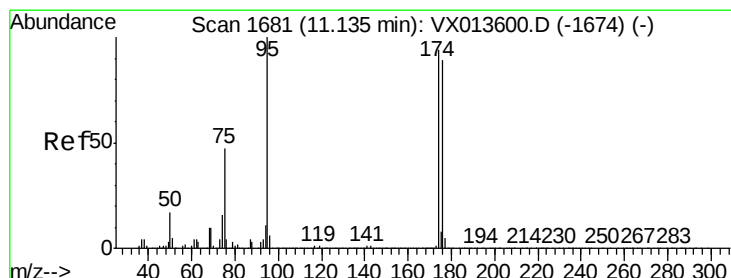
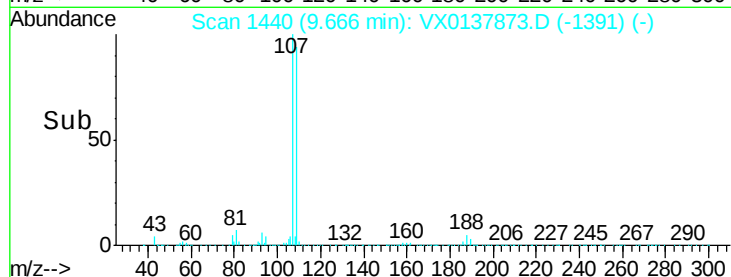
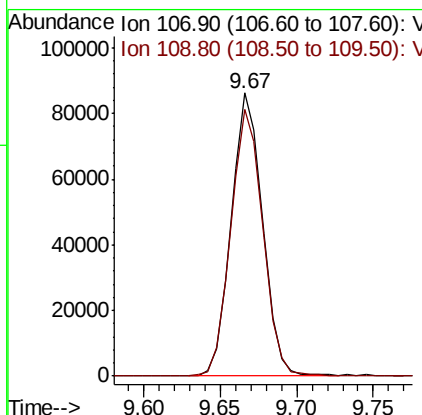
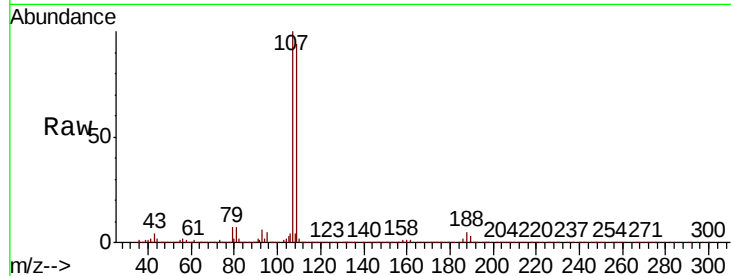
#61
 1,2-Dibromoethane
 Concen: 18.834 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX0137873.D
 Acq: 10 Dec 2019 00:44

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Resp	Lower	Upper
107	100	121482		
109	96.6	76.1	114.1	

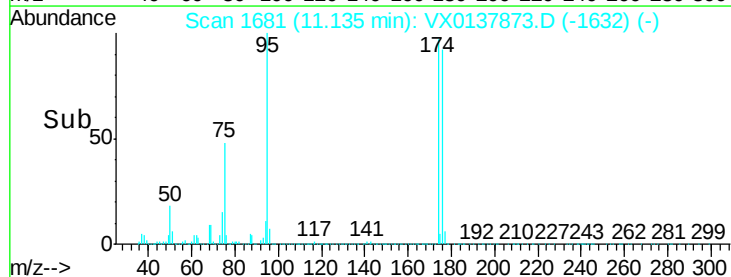
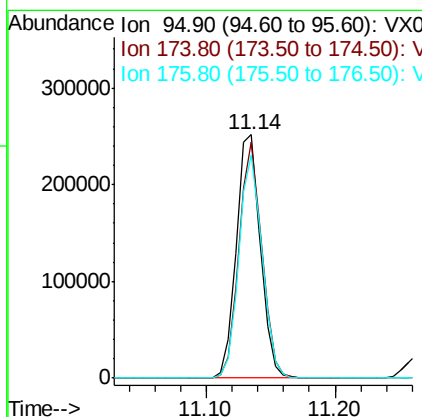
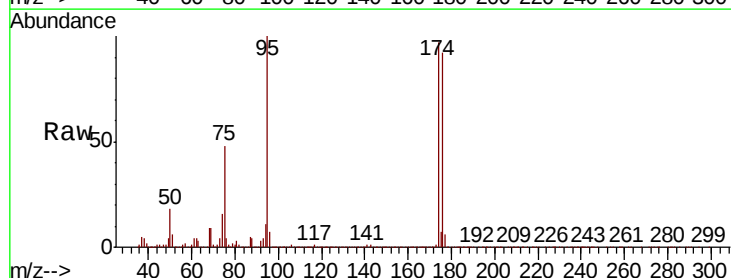
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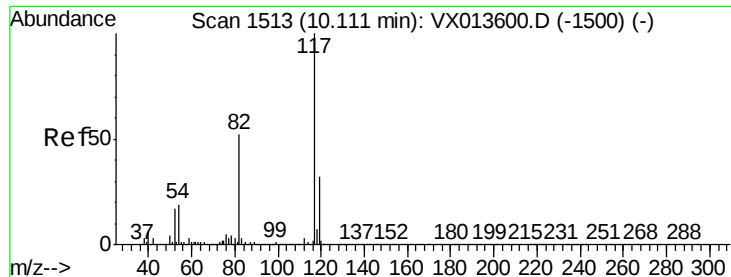
apatel
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#62
 4-Bromofluorobenzene
 Concen: 43.205 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: VX0137873.D
 Acq: 10 Dec 2019 00:44

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	327424		
174	91.7	0.0	180.0	
176	88.0	0.0	173.6	





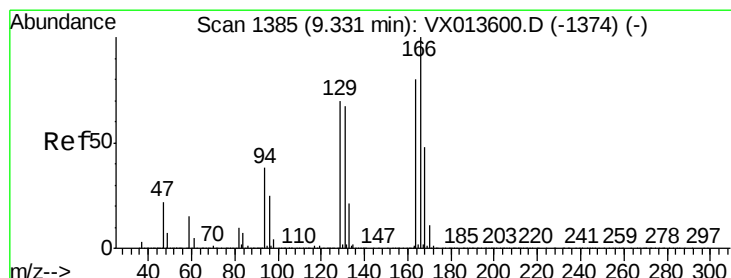
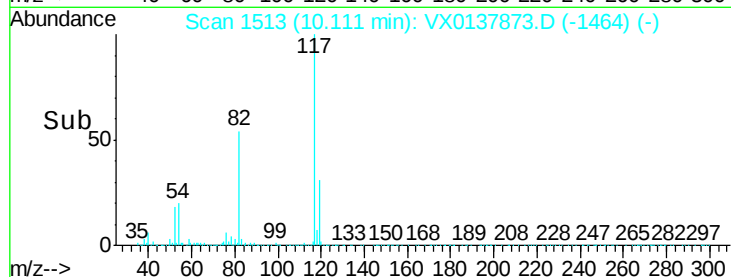
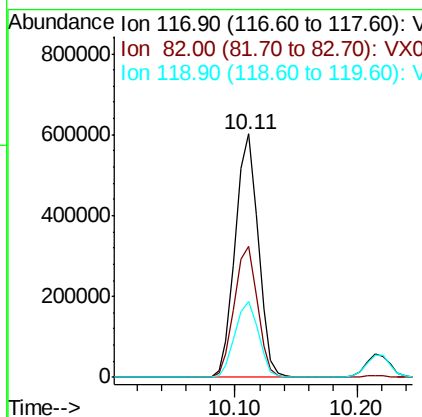
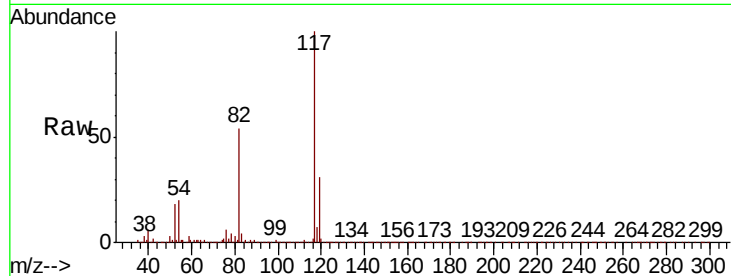
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX0137873.D
Acq: 10 Dec 2019 00:44

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Resp	Lower	Upper
117	100	782824		
82	53.5		41.8	62.8
119	31.3		25.8	38.8

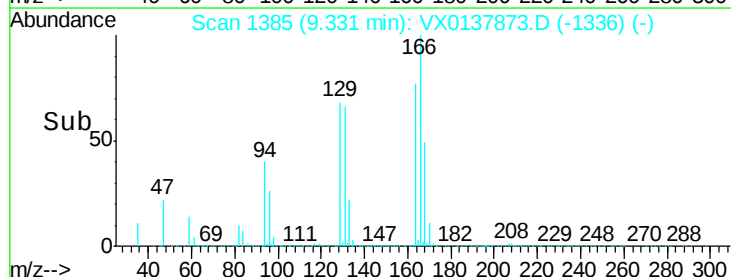
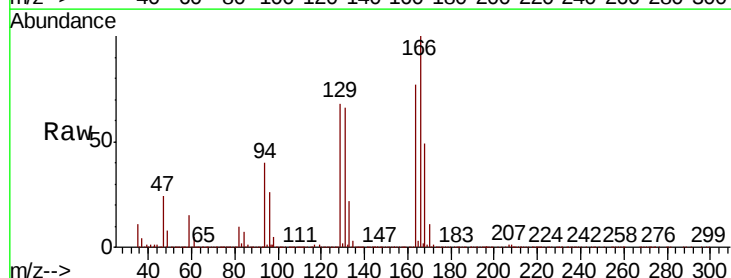
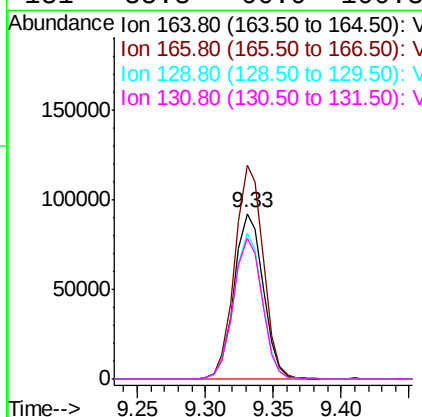
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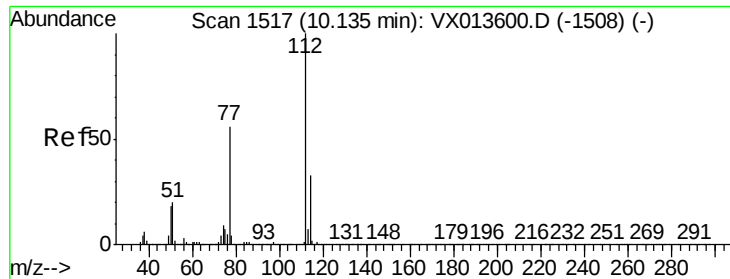
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#64
Tetrachloroethene
Concen: 23.495 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX0137873.D
Acq: 10 Dec 2019 00:44

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	137158		
166	129.4		99.7	149.5
129	88.1		70.1	105.1
131	85.3		66.9	100.3





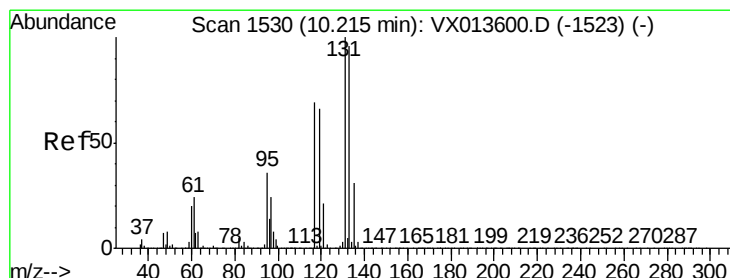
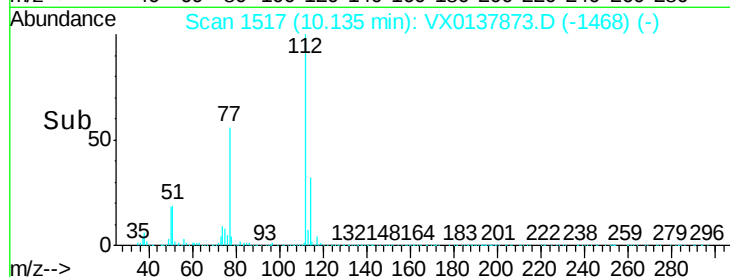
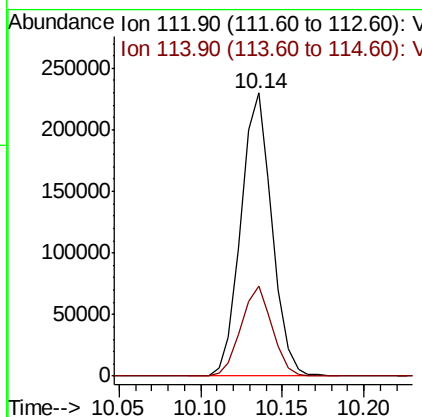
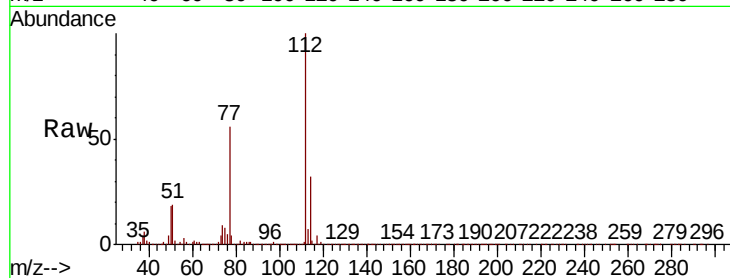
#65
Chlorobenzene
Concen: 18.799 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX0137873.D
Acq: 10 Dec 2019 00:44

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.6	26.1	39.1

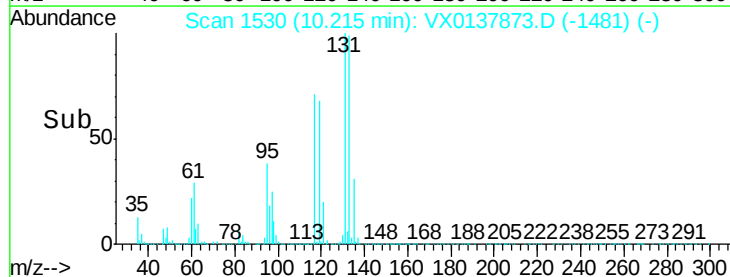
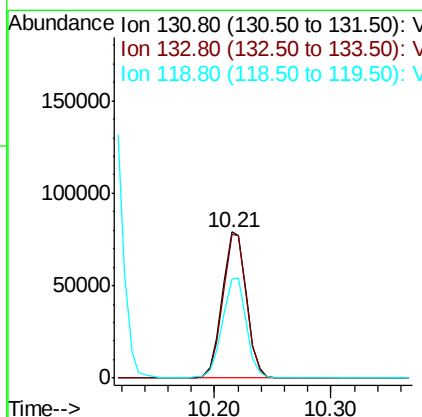
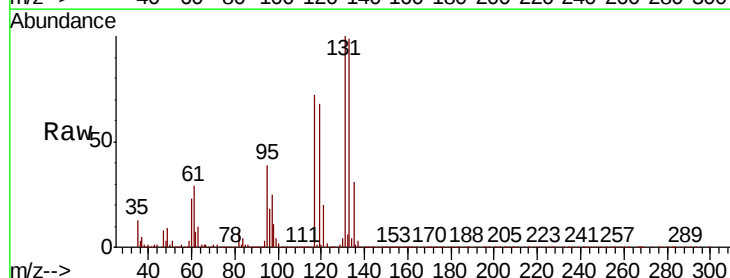
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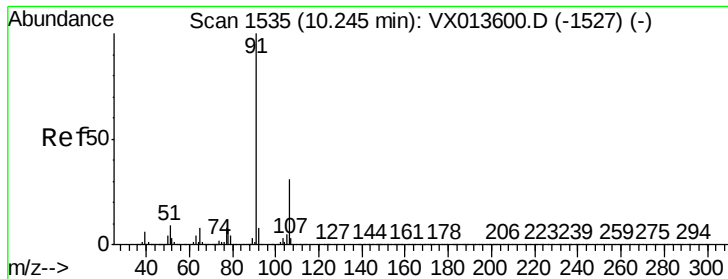
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.318 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX0137873.D
Acq: 10 Dec 2019 00:44

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.9	47.7	143.1
119	67.4	32.9	98.6





#67

Ethyl Benzene

Concen: 19.151 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX0137873.D

Acq: 10 Dec 2019 00:44

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 91 Resp: 534874

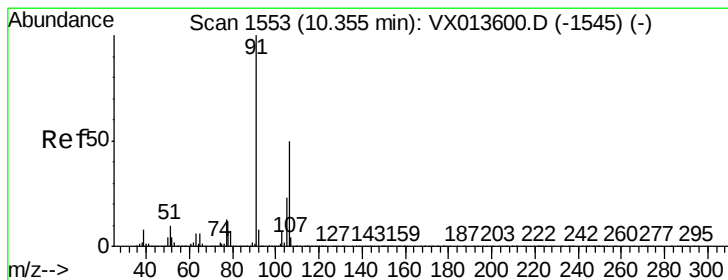
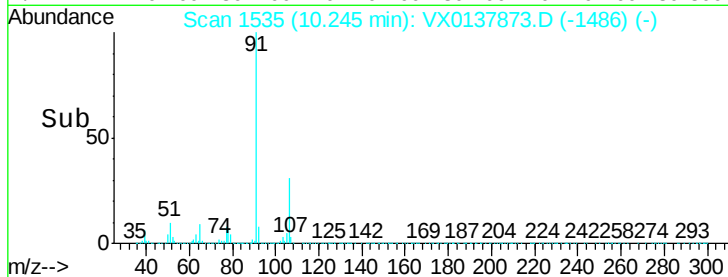
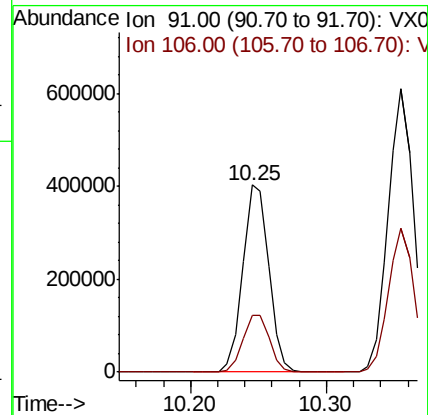
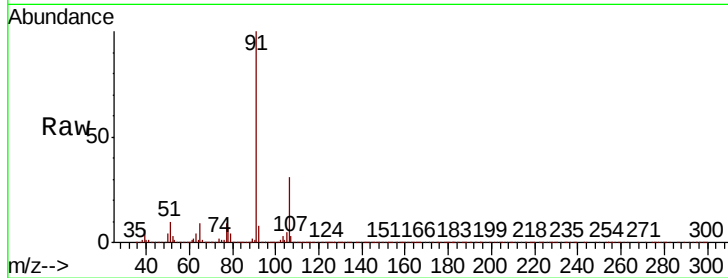
Ion Ratio Lower Upper

91 100

106 30.6 24.5 36.7

Manual Integrations
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#68

m/p-Xylenes

Concen: 38.316 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX0137873.D

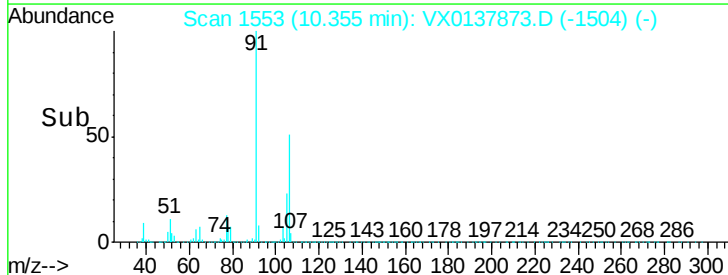
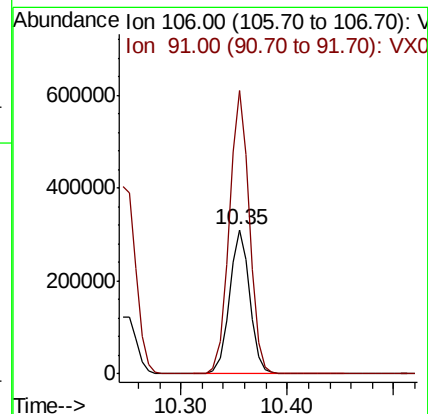
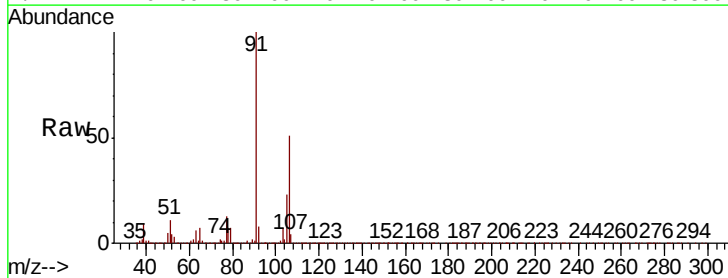
Acq: 10 Dec 2019 00:44

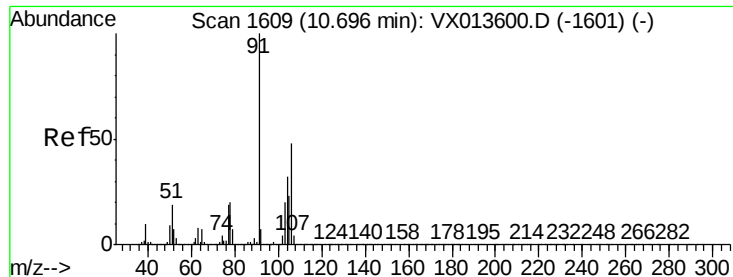
Tgt Ion: 106 Resp: 409700

Ion Ratio Lower Upper

106 100

91 195.8 159.0 238.4





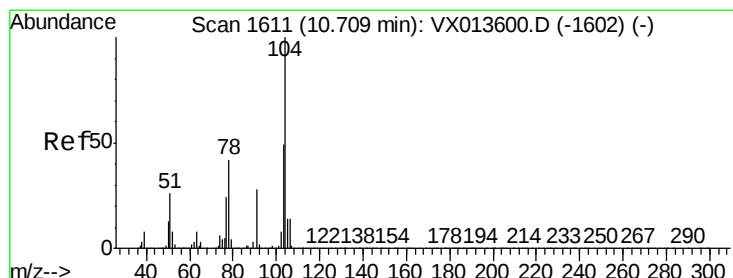
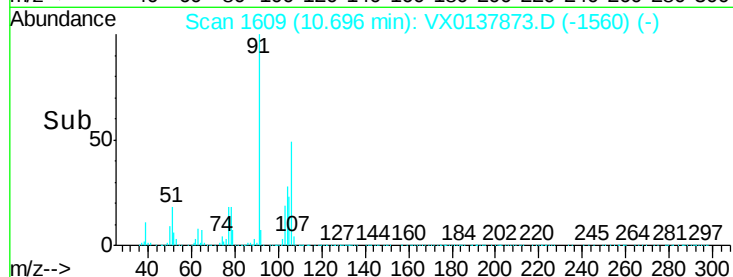
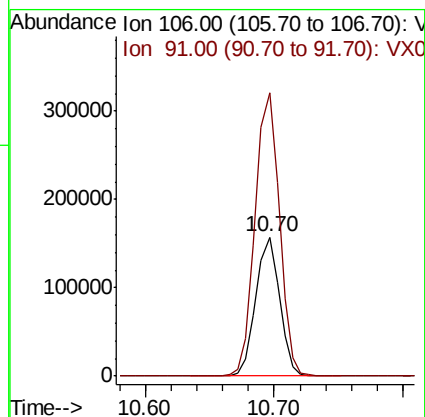
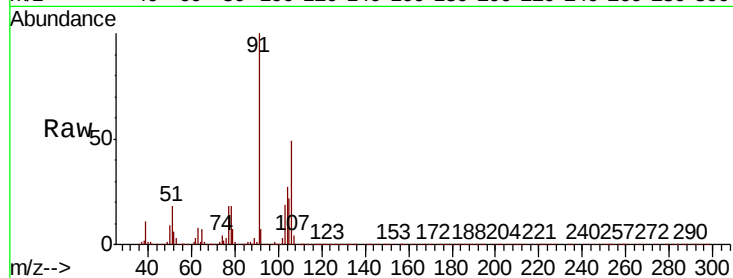
#69
o-Xylene
Concen: 19.214 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX0137873.D
Acq: 10 Dec 2019 00:44

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
106	100		
91	207.2	104.1	312.2

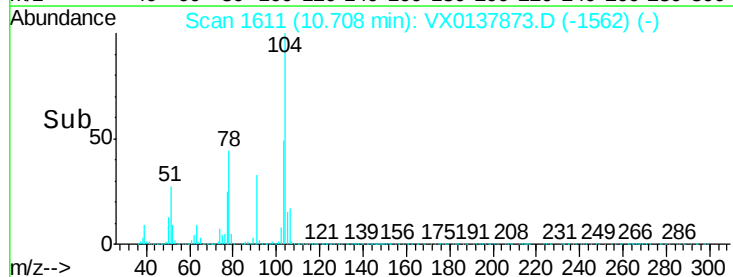
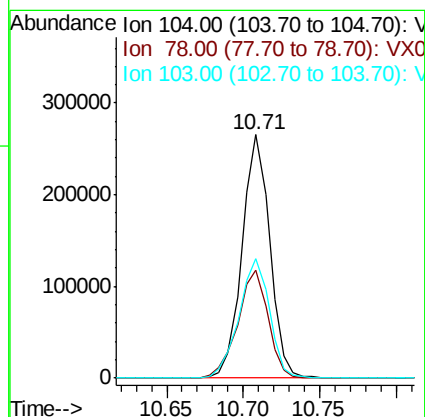
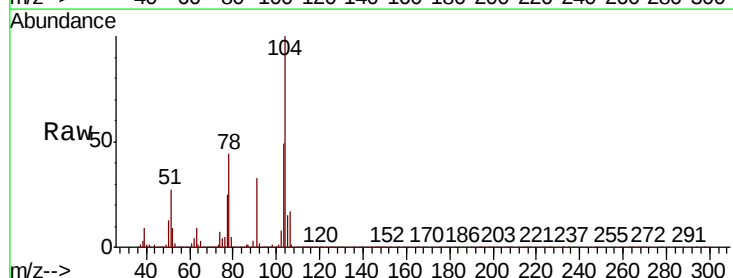
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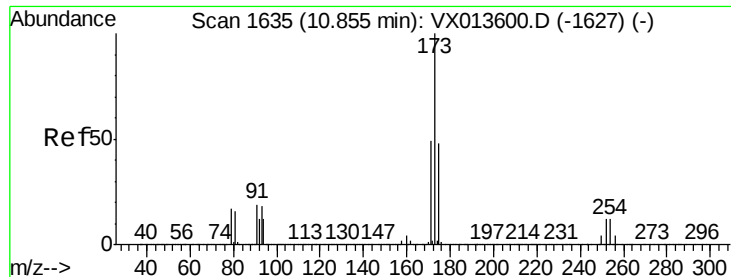
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#70
Styrene
Concen: 19.025 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX0137873.D
Acq: 10 Dec 2019 00:44

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.7	38.5	57.7
103	54.1	43.7	65.5





#71

Bromoform

Concen: 18.456 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX0137873.D

Acq: 10 Dec 2019 00:44

Instrument :

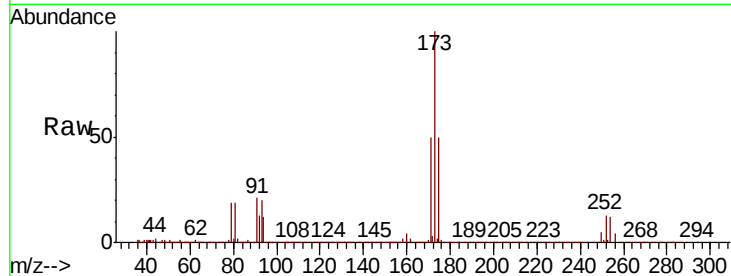
MSVOA_X

ClientSampleId :

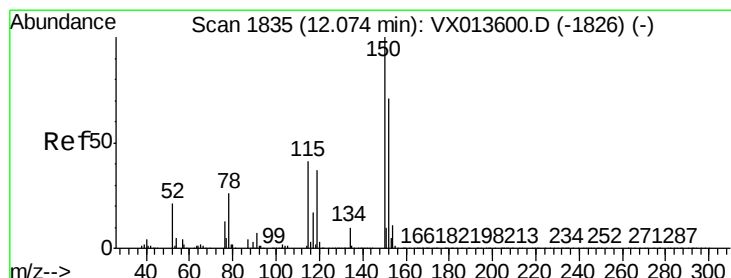
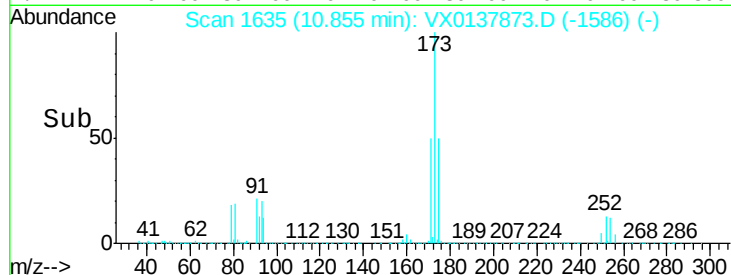
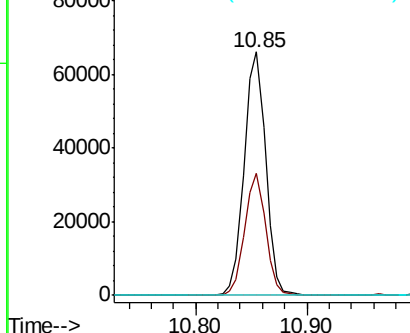
Tot Ion:	173	Resp:	89125
Ion Ratio	Lower	Upper	
173	100		
175	48.6	24.3	72.8
254	0.1	0.2	0.4#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

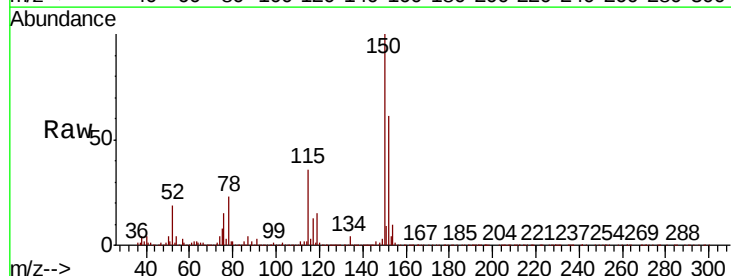
RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

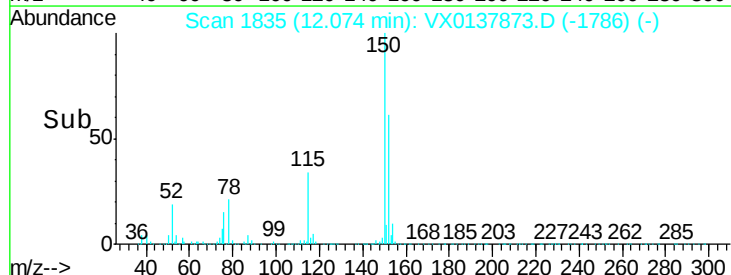
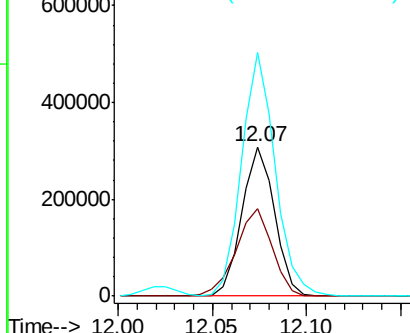
Lab File: VX0137873.D

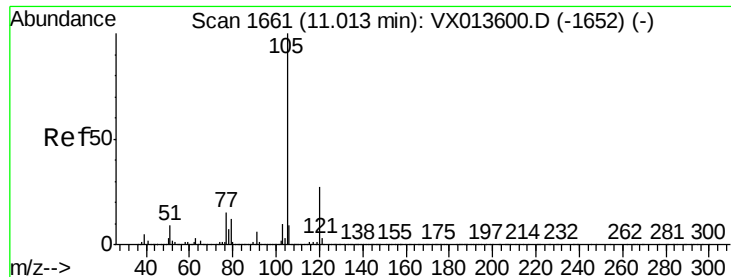
Acq: 10 Dec 2019 00:44

Tgt Ion:	152	Resp:	371334
Ion Ratio	Lower	Upper	
152	100		
115	64.4	38.4	115.1
150	167.2	0.0	346.8



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





#73

Isopropylbenzene

Concen: 20.139 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX0137873.D

Acq: 10 Dec 2019 00:44

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 105 Resp: 524584

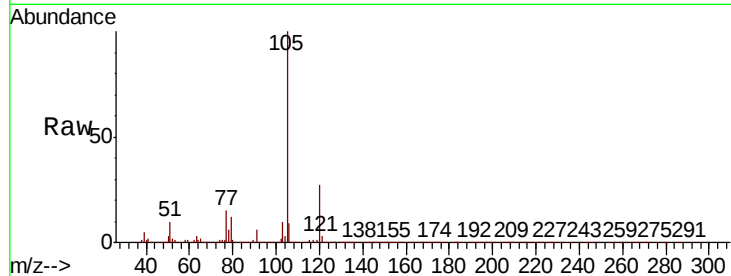
Ion Ratio Lower Upper

105 100

120 27.4 13.5 40.5

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

400000

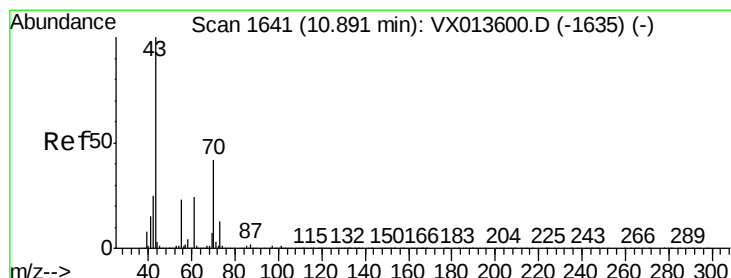
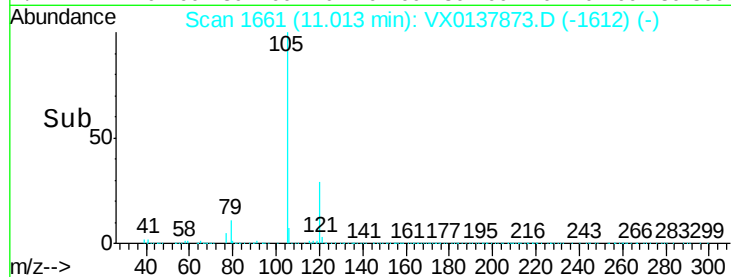
300000

200000

100000

0

Time--> 10.90 11.00



#74

N-ethyl acetate

Concen: 19.605 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX0137873.D

Acq: 10 Dec 2019 00:44

Tgt Ion: 43 Resp: 233932

Ion Ratio Lower Upper

43 100

70 43.8 34.3 51.5

55 25.0 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

300000

250000

200000

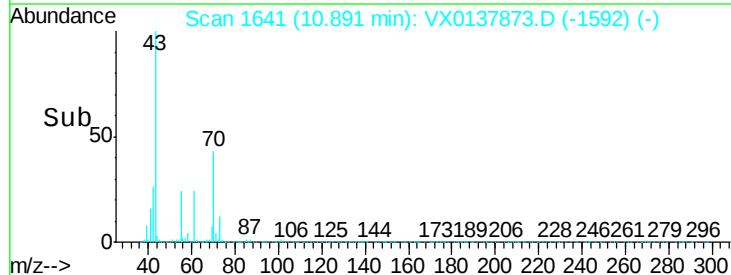
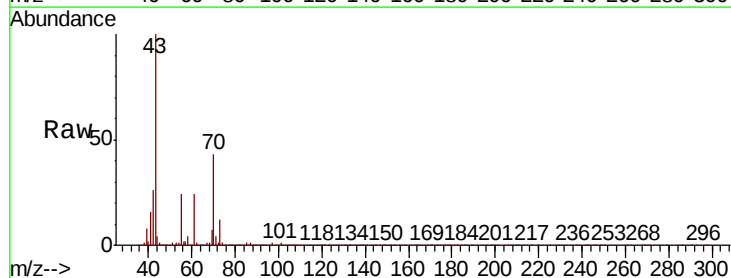
150000

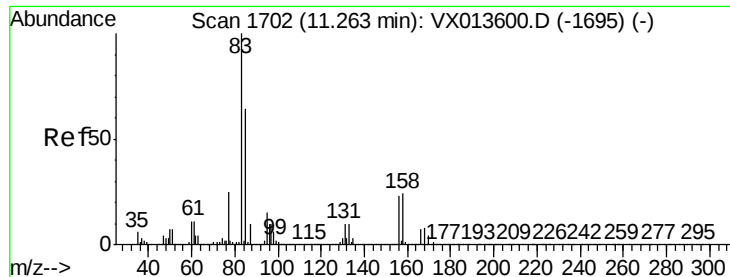
100000

50000

0

Time--> 10.85 10.90 10.95





#75

1,1,2,2-Tetrachloroethane

Concen: 20.459 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX0137873.D

Acq: 10 Dec 2019 00:44

Instrument :

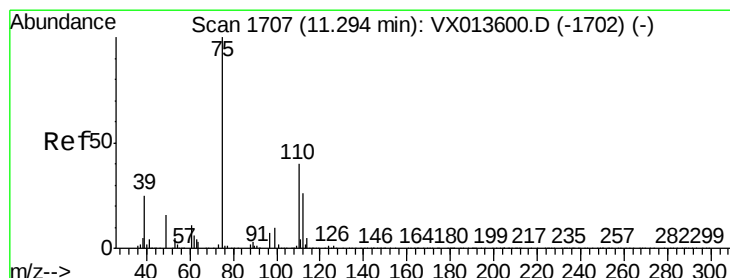
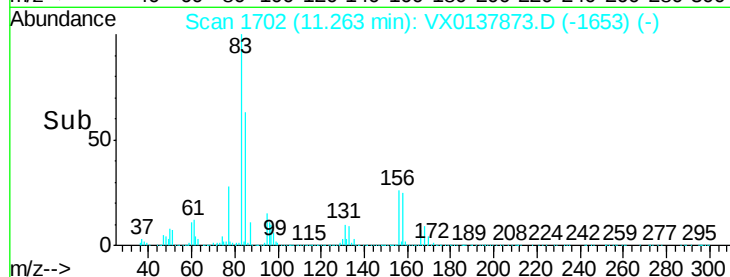
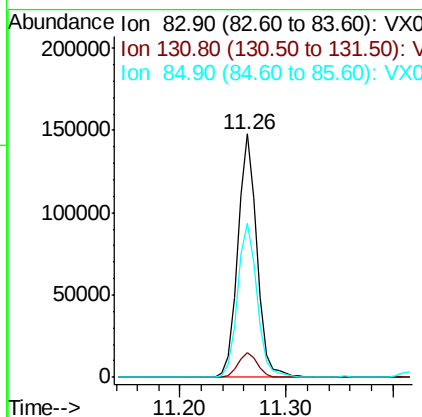
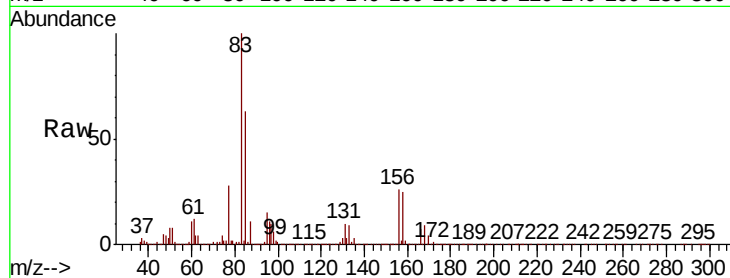
MSVOA_X

ClientSampleId :

Tot Ion:	83	Resp:	184810
Ion Ratio		Lower	Upper
83	100		
131	10.6	5.1	15.3
85	65.0	31.8	95.3

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#76

1,2,3-Trichloropropane

Concen: 20.633 ug/l m

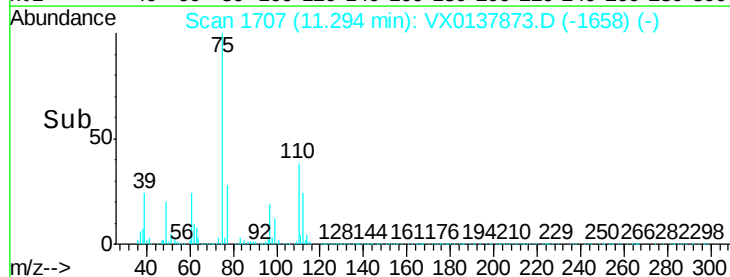
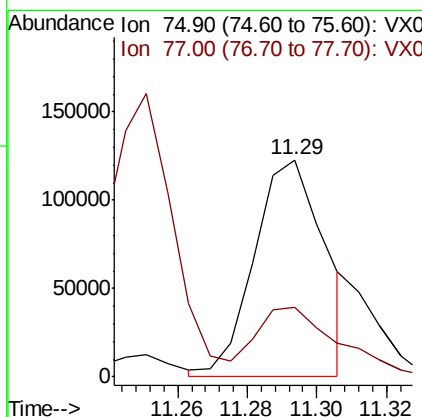
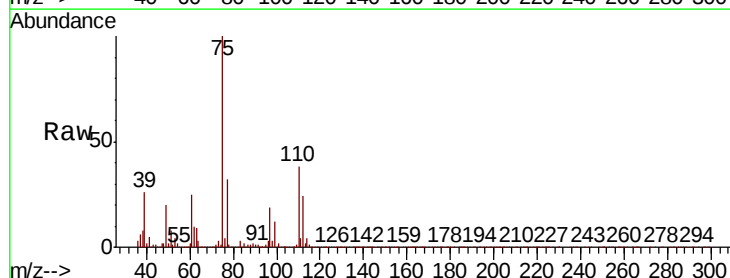
RT: 11.29 min Scan# 1707

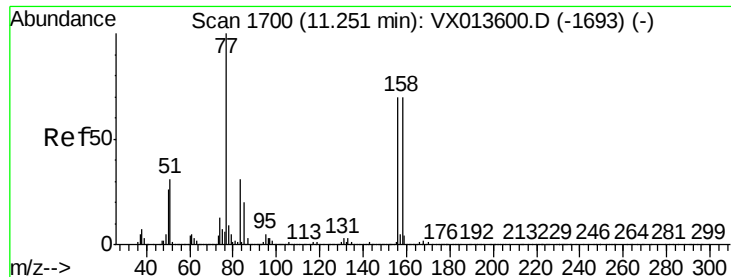
Delta R.T. -0.00 min

Lab File: VX0137873.D

Acq: 10 Dec 2019 00:44

Tgt Ion:	75	Resp:	172328
Ion Ratio		Lower	Upper
75	100		
77	37.6	19.1	57.5





#77

Bromobenzene

Concen: 19.706 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX0137873.D

Acq: 10 Dec 2019 00:44

Instrument :

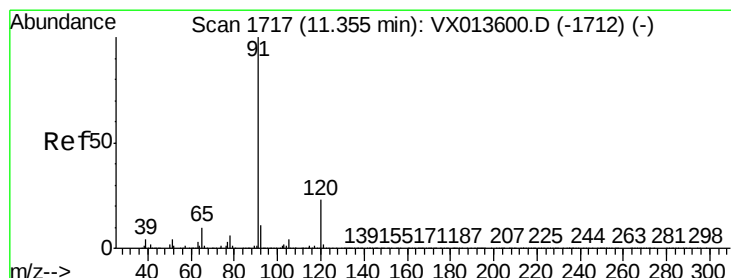
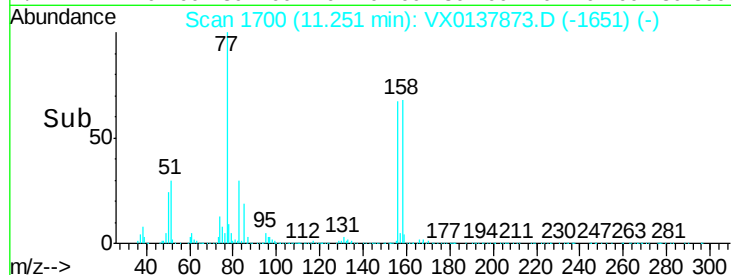
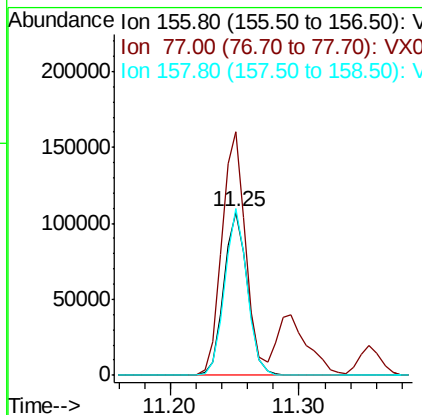
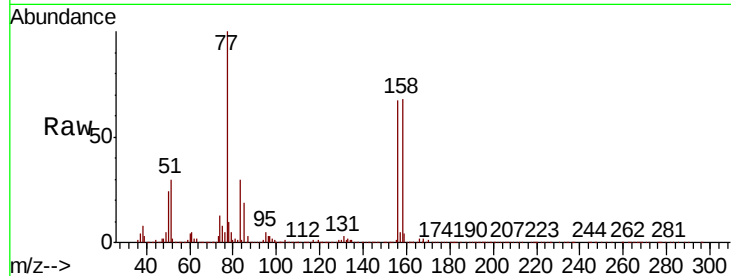
MSVOA_X

ClientSampleId :

Tot Ion:	156	Resp:	138668
Ion Ratio	Lower	Upper	
156	100		
77	150.3	74.4	223.1
158	97.8	48.9	146.6

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#78

n-propylbenzene

Concen: 19.879 ug/l

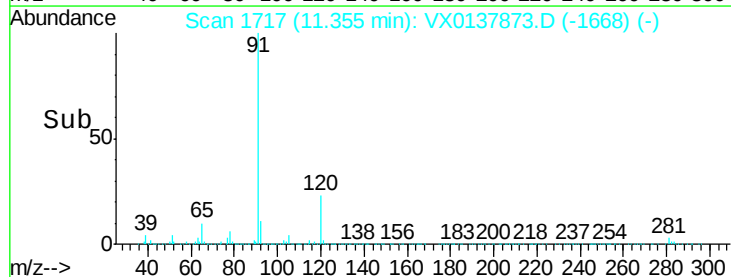
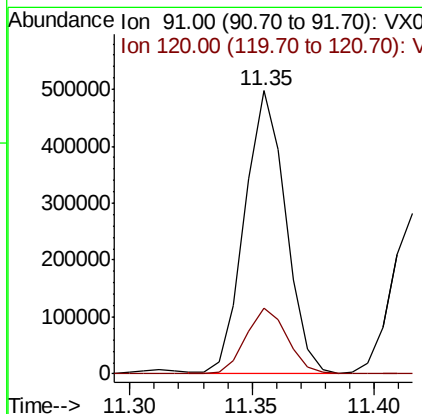
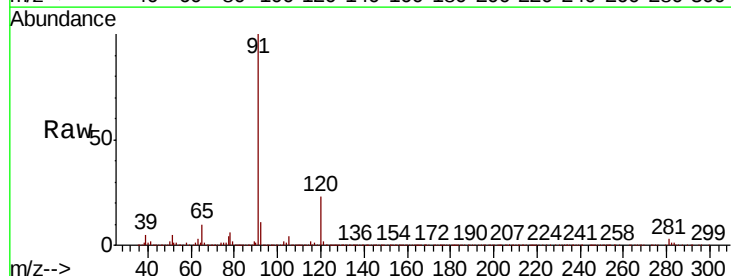
RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX0137873.D

Acq: 10 Dec 2019 00:44

Tgt Ion:	91	Resp:	578031
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.8	35.3





#79

2-Chlorotoluene

Concen: 19.926 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX0137873.D

Acq: 10 Dec 2019 00:44

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 91 Resp: 347563

Ion Ratio Lower Upper

91 100

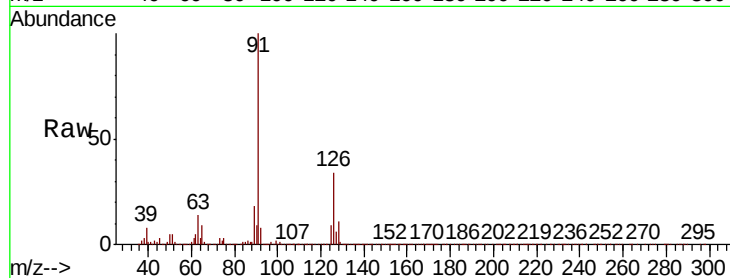
126 34.6 17.5 52.5

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Abundance Ion 91.00 (90.70 to 91.70): VX013600.D (-1722) (-)

Ion 125.90 (125.60 to 126.60): VX013600.D (-1722) (-)

500000

400000

300000

200000

100000

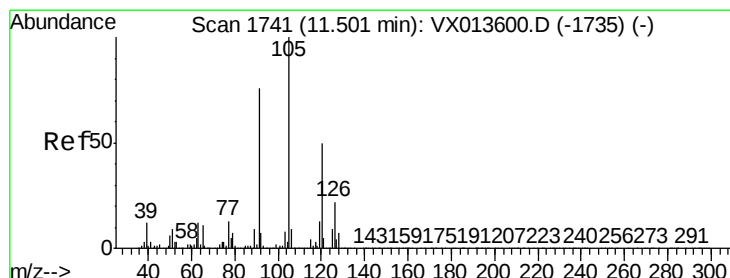
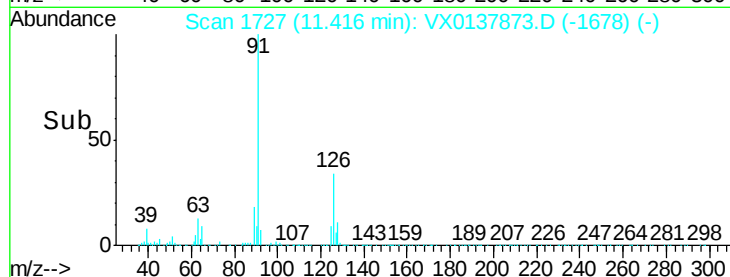
0

11.35

11.40

11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.111 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX0137873.D

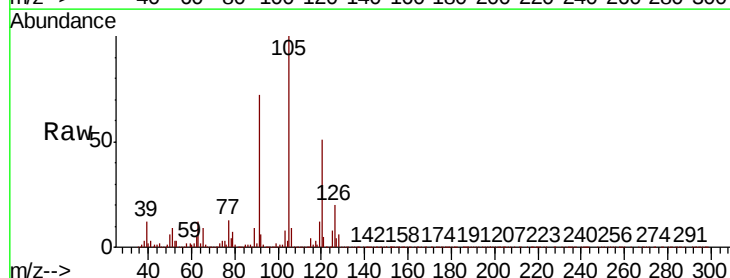
Acq: 10 Dec 2019 00:44

Tgt Ion: 105 Resp: 429330

Ion Ratio Lower Upper

105 100

120 50.9 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): VX013600.D (-1735) (-)

Ion 120.00 (119.70 to 120.70): VX013600.D (-1735) (-)

400000

300000

200000

100000

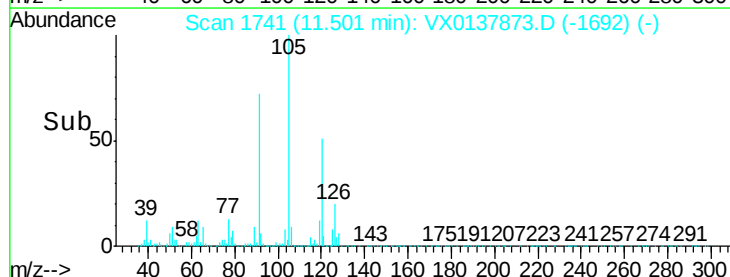
0

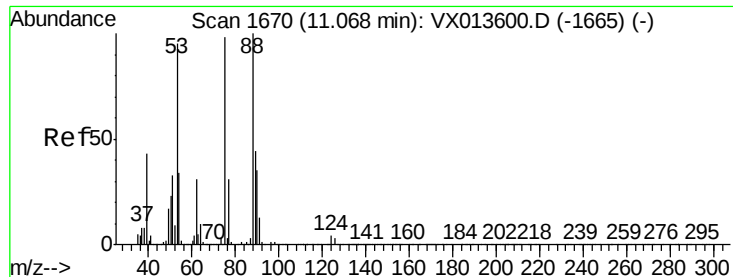
11.45

11.50

11.55

Time-->





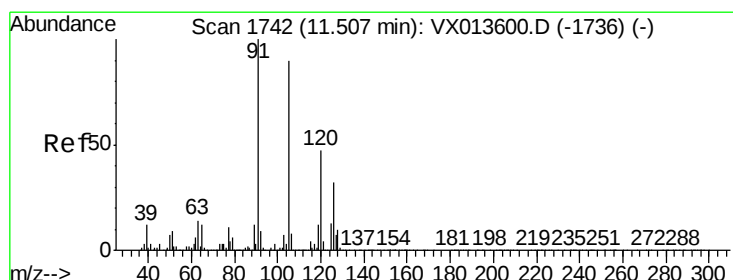
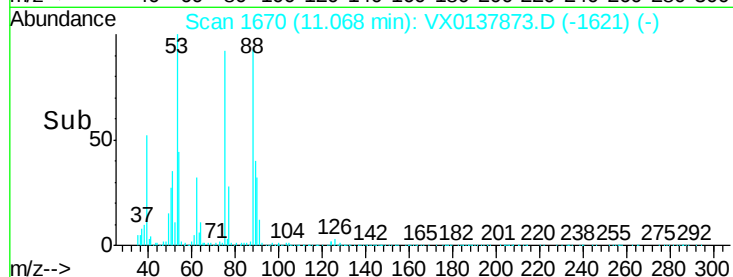
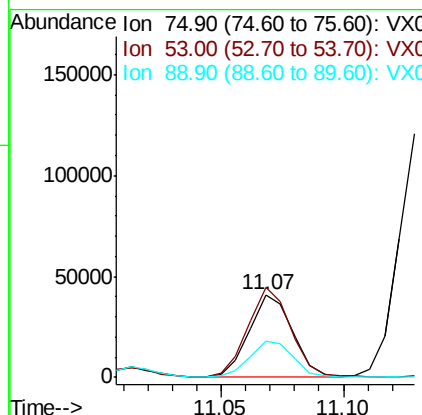
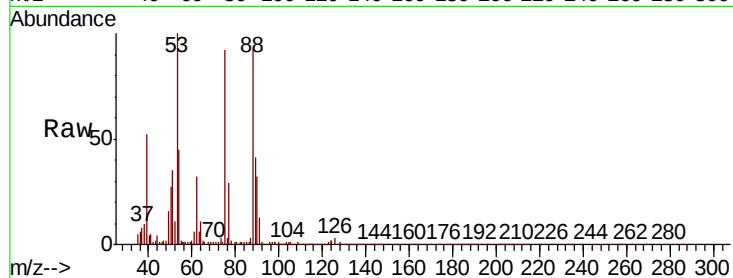
#81
trans-1,4-Dichloro-2-butene
Concen: 16.343 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX0137873.D
Acq: 10 Dec 2019 00:44

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
53	109.1	78.2	117.2
89	46.7	35.4	53.2

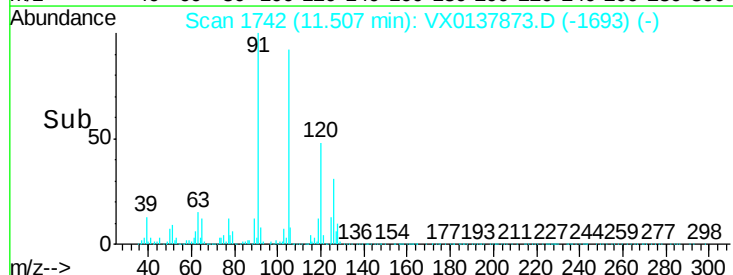
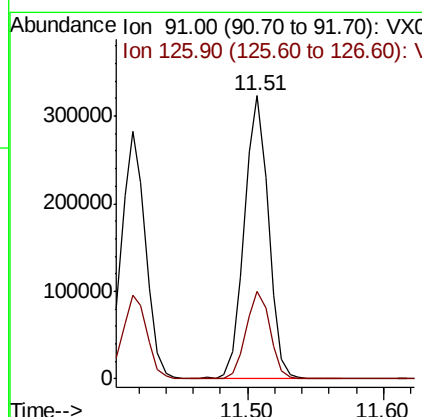
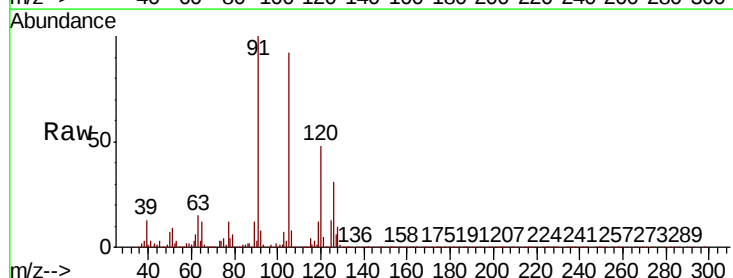
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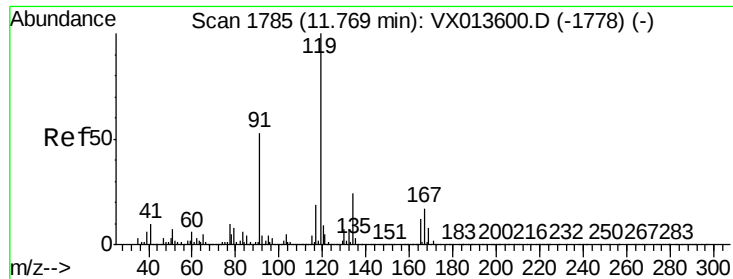
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#82
4-Chlorotoluene
Concen: 19.674 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX0137873.D
Acq: 10 Dec 2019 00:44

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.7	47.0





#83

tert-Butylbenzene

Concen: 19.222 ug/l

RT: 11.77 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VX0137873.D

Acq: 10 Dec 2019 00:44

Instrument :

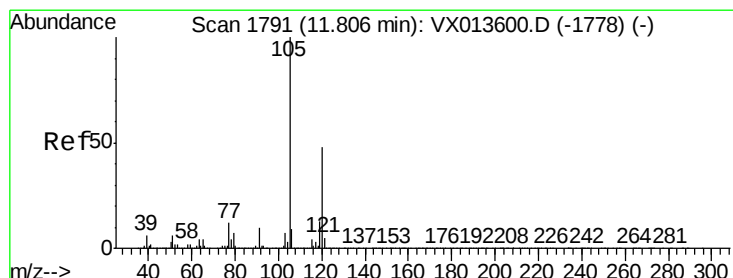
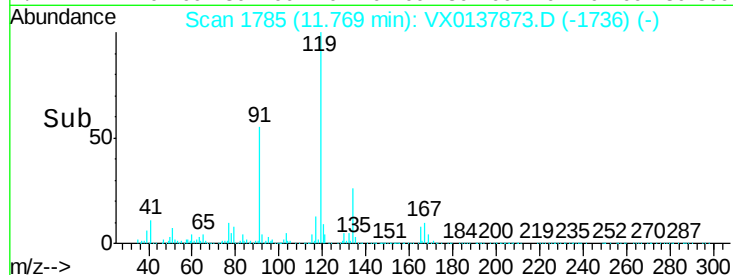
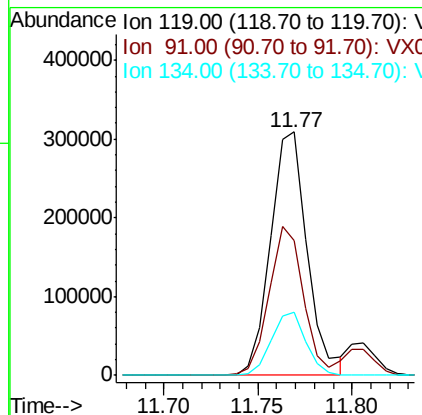
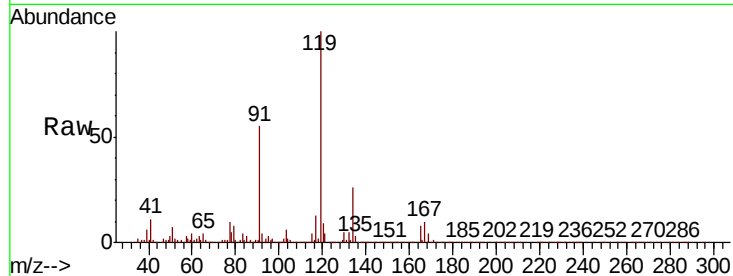
MSVOA_X

ClientSampleId :

Tot Ion:	119	Resp:	417051
Ion Ratio	Lower	Upper	
119	100		
91	56.9	27.2	81.6
134	24.6	11.7	35.1

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#84

1,2,4-Trimethylbenzene

Concen: 20.235 ug/l

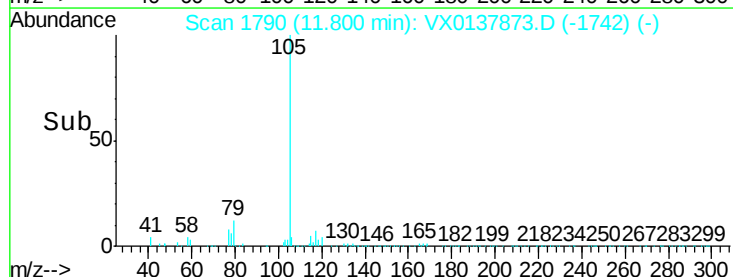
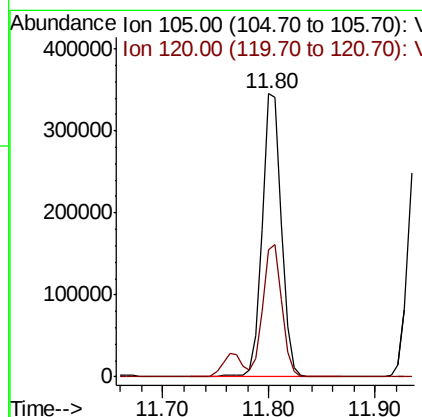
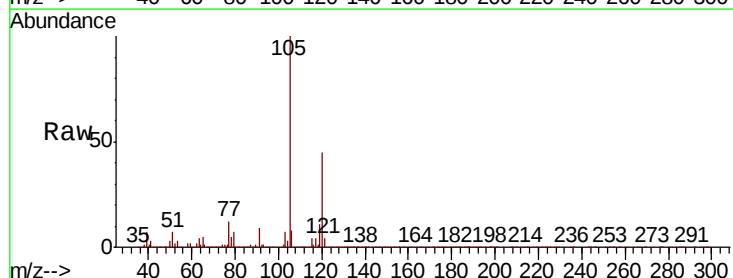
RT: 11.80 min Scan# 1790

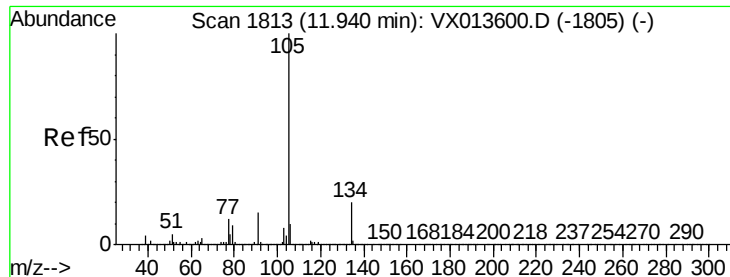
Delta R.T. -0.01 min

Lab File: VX0137873.D

Acq: 10 Dec 2019 00:44

Tgt Ion:	105	Resp:	438417
Ion Ratio	Lower	Upper	
105	100		
120	45.9	23.1	69.3





#85

sec-Butylbenzene

Concen: 20.004 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX0137873.D

Acq: 10 Dec 2019 00:44

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:105 Resp: 495737

Ion Ratio Lower Upper

105 100

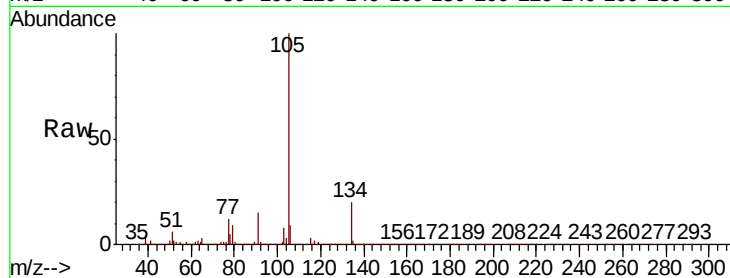
134 20.4 10.4 31.2

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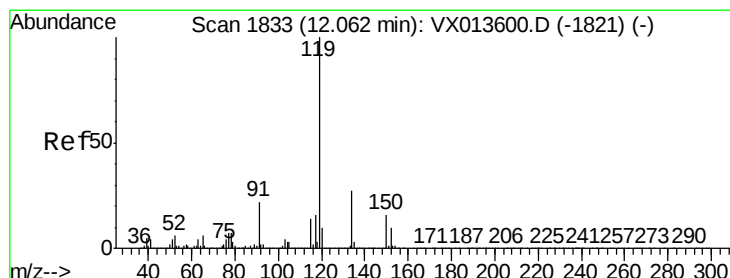
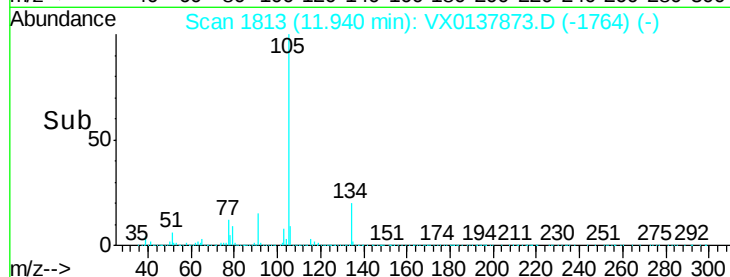
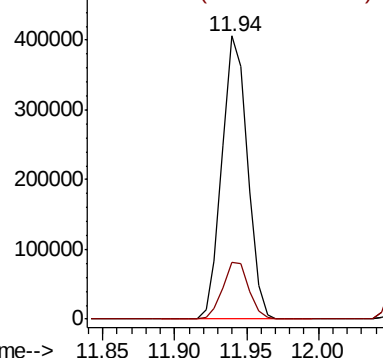
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.596 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX0137873.D

Acq: 10 Dec 2019 00:44

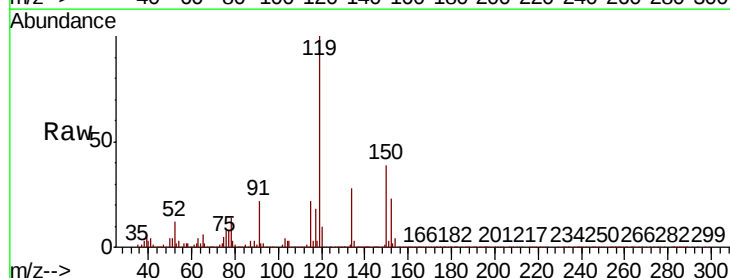
Tgt Ion:119 Resp: 451772

Ion Ratio Lower Upper

119 100

134 27.2 13.3 39.9

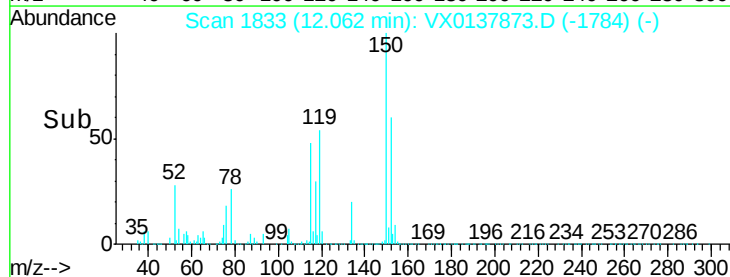
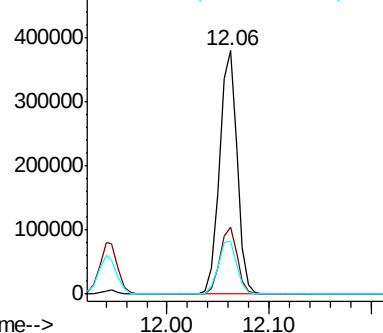
91 22.8 11.3 33.8

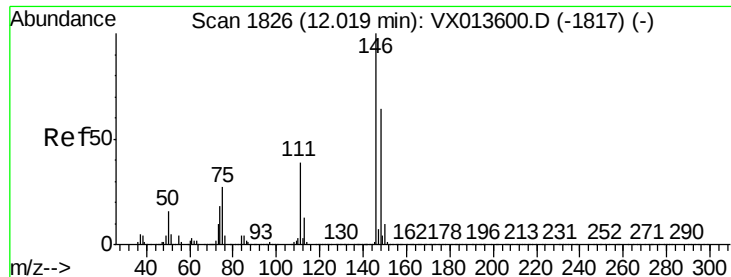


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





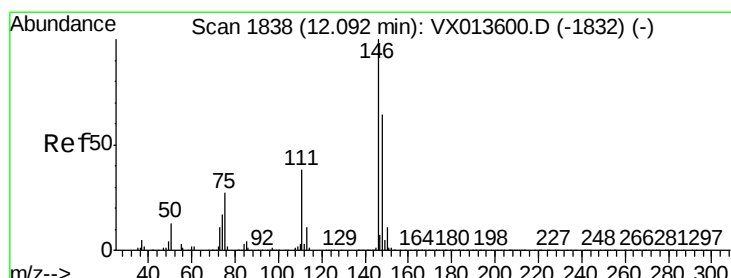
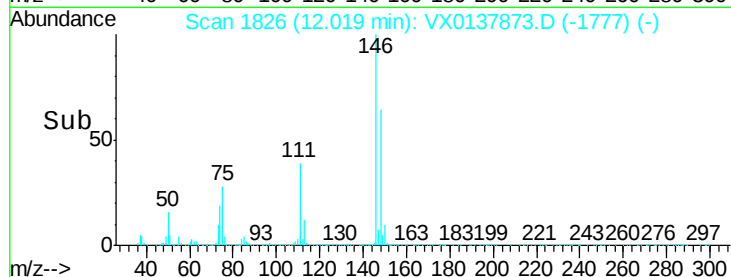
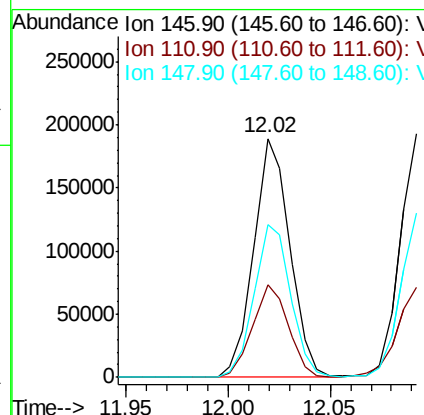
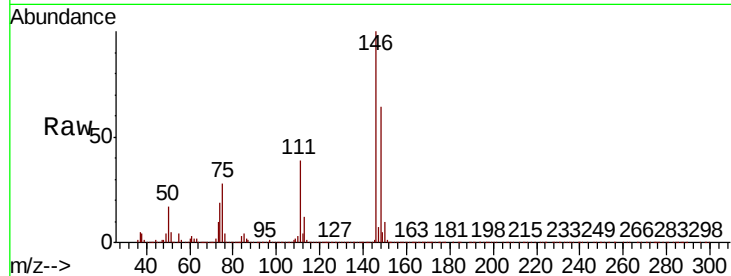
#87
 1,3-Dichlorobenzene
 Concen: 19.021 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX0137873.D
 Acq: 10 Dec 2019 00:44

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.0	57.0
148	64.8	31.8	95.4

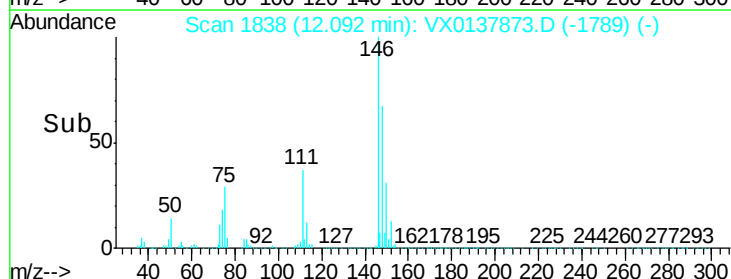
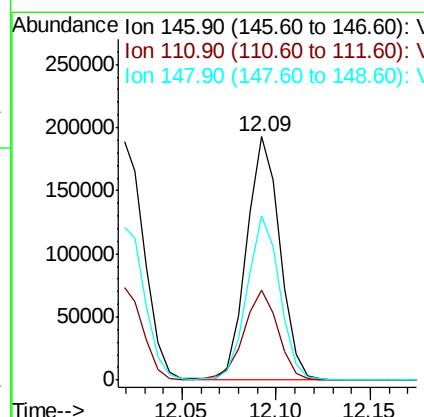
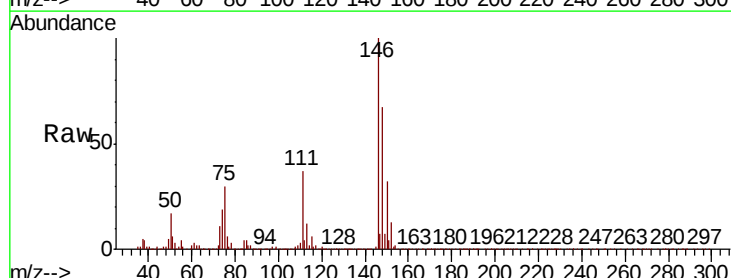
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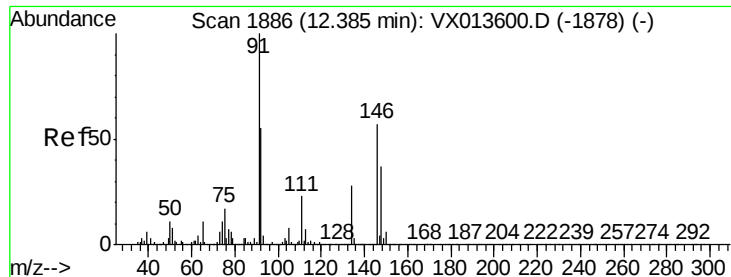
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#88
 1,4-Dichlorobenzene
 Concen: 18.768 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX0137873.D
 Acq: 10 Dec 2019 00:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.9	56.9
148	66.7	31.9	95.5





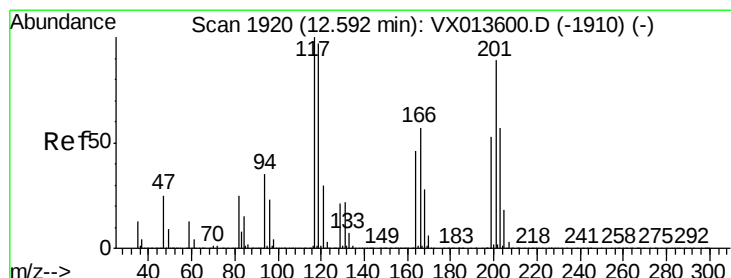
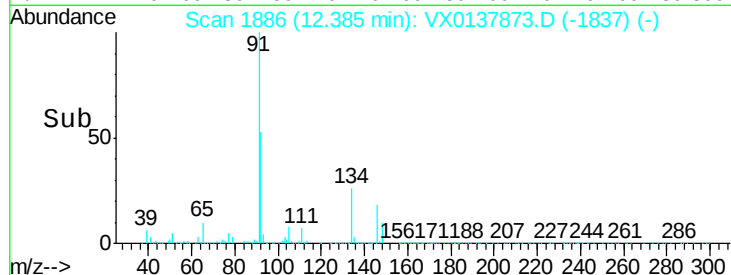
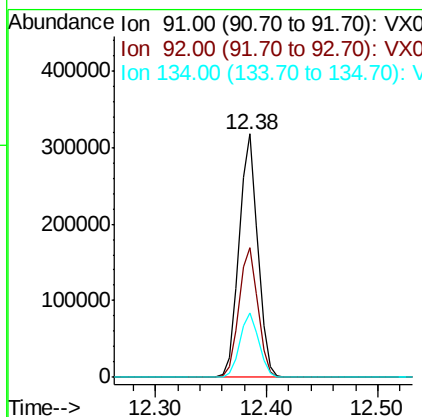
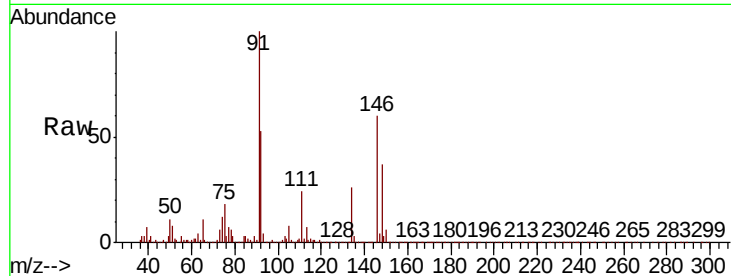
#89
n-Butylbenzene
Concen: 18.763 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX0137873.D
Acq: 10 Dec 2019 00:44

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.4	82.2
134	26.7	13.5	40.4

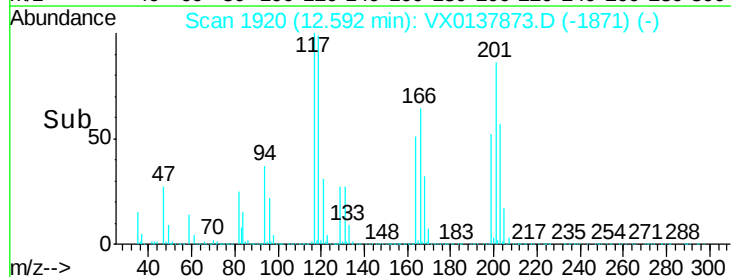
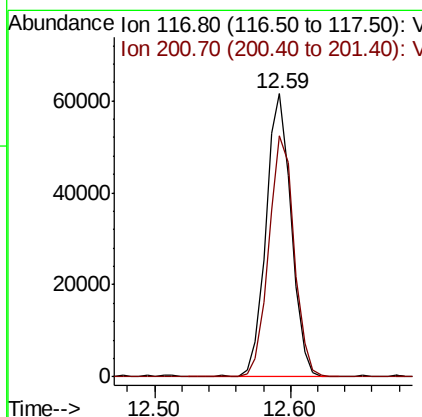
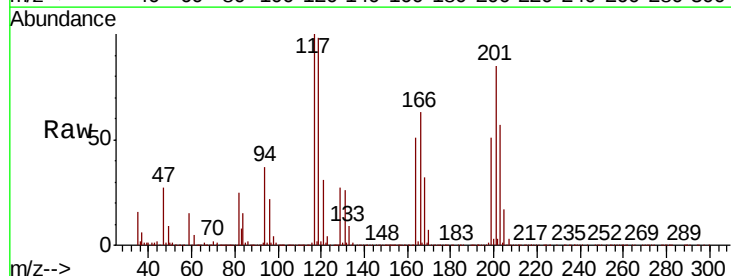
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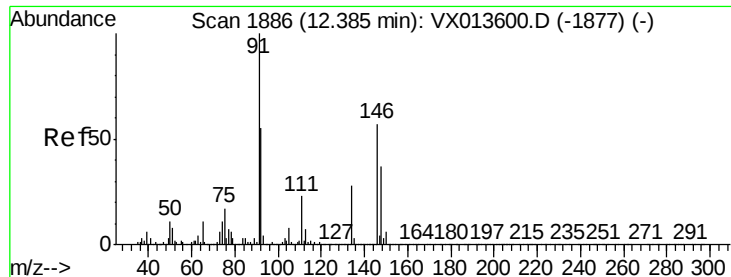
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#90
Hexachloroethane
Concen: 19.322 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX0137873.D
Acq: 10 Dec 2019 00:44

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.4	44.1	132.4





#91

1,2-Dichlorobenzene

Concen: 19.869 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX0137873.D

Acq: 10 Dec 2019 00:44

Instrument :

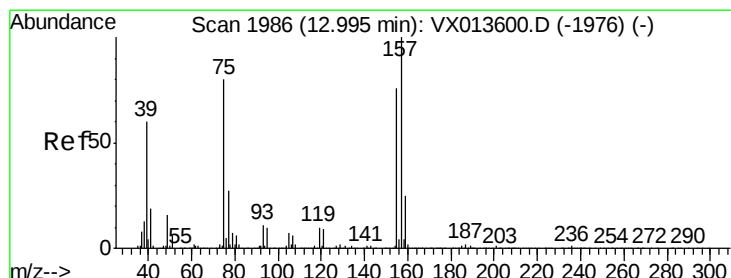
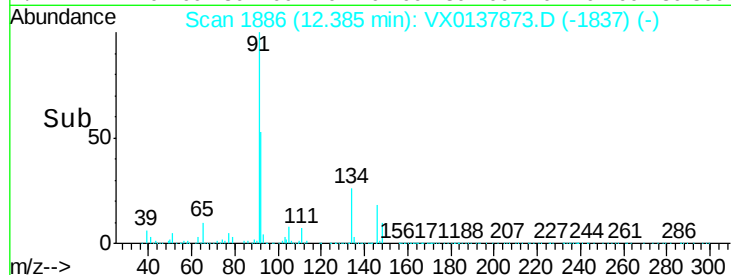
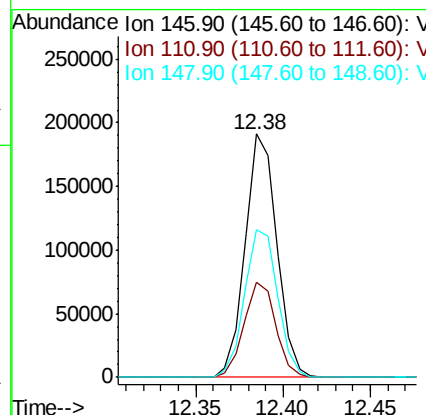
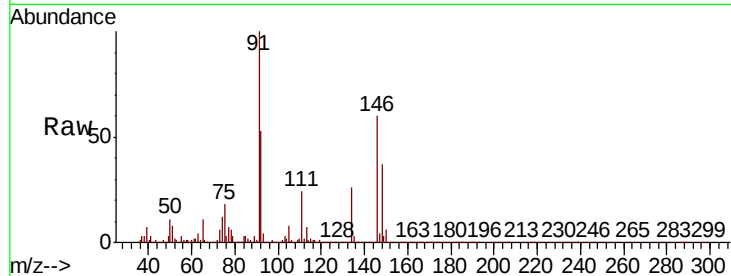
MSVOA_X

ClientSampleId :

Tot Ion:	146	Resp:	240807
Ion Ratio	Lower	Upper	
146	100		
111	39.4	19.6	58.7
148	63.5	31.9	95.7

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#92

1,2-Dibromo-3-Chloropropane

Concen: 19.608 ug/l

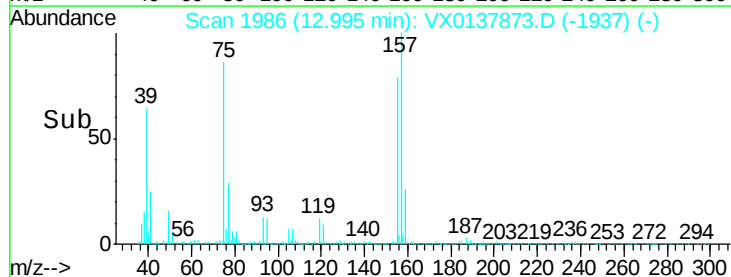
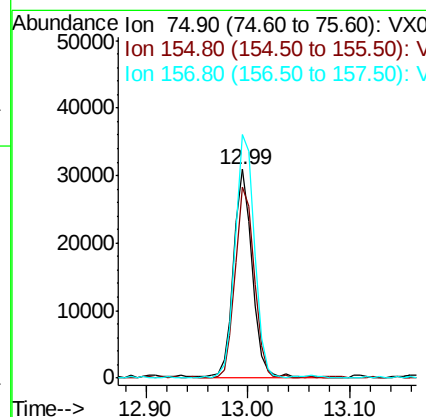
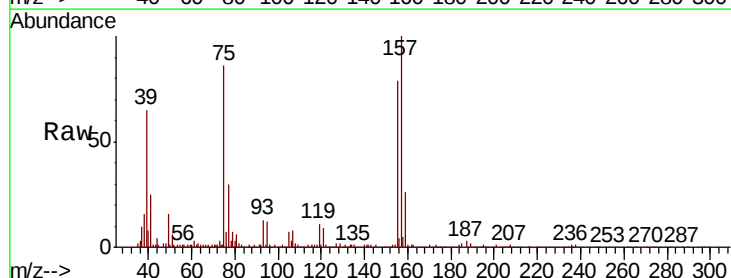
RT: 12.99 min Scan# 1986

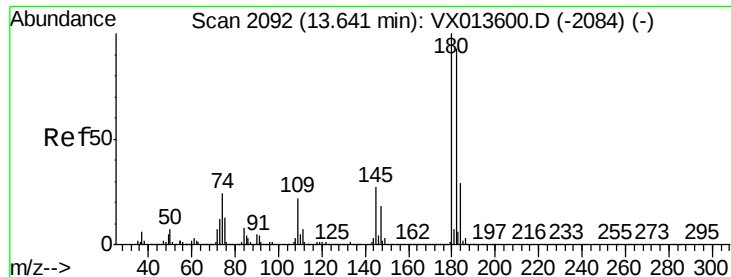
Delta R.T. -0.00 min

Lab File: VX0137873.D

Acq: 10 Dec 2019 00:44

Tgt Ion:	75	Resp:	38572
Ion Ratio	Lower	Upper	
75	100		
155	93.6	47.6	142.8
157	121.3	62.1	186.2





#93

1,2,4-Trichlorobenzene

Concen: 18.485 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. -0.00 min

Lab File: VX0137873.D

Acq: 10 Dec 2019 00:44

Instrument :

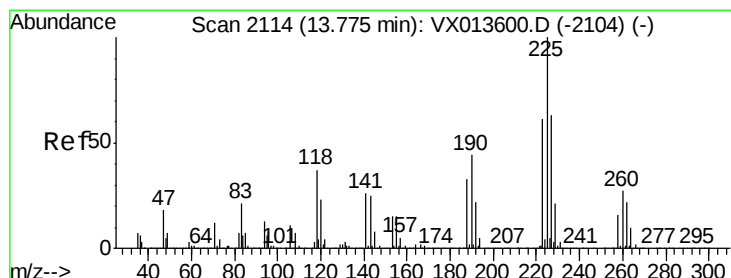
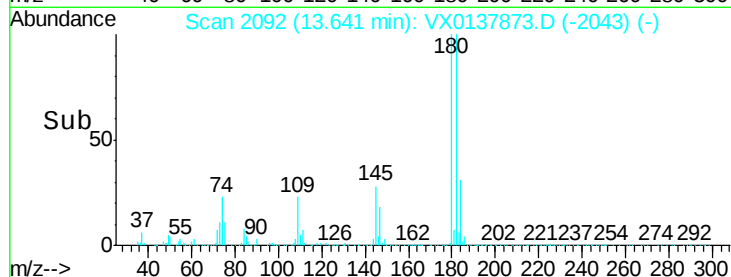
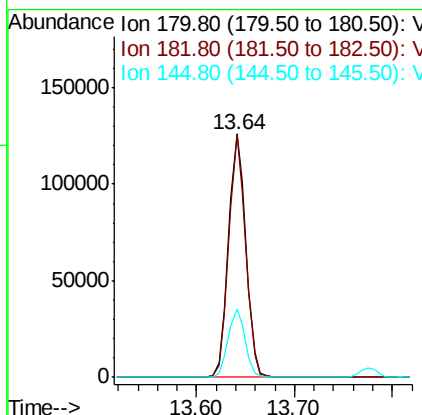
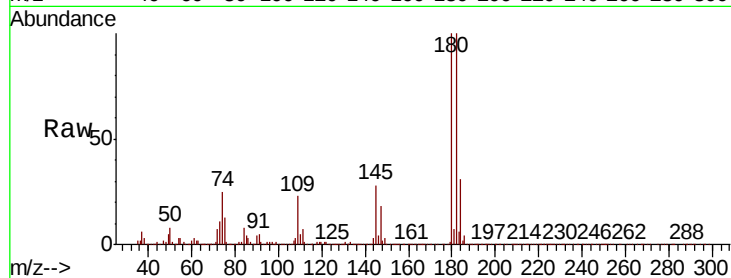
MSVOA_X

ClientSampleId :

Tot Ion:	180	Resp:	156136
Ion Ratio	Lower	Upper	
180	100		
182	96.1	47.2	141.6
145	27.5	13.8	41.4

Manual Integrations
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#94

Hexachlorobutadiene

Concen: 18.626 ug/l

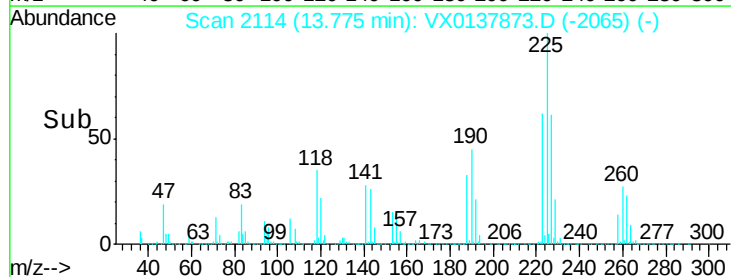
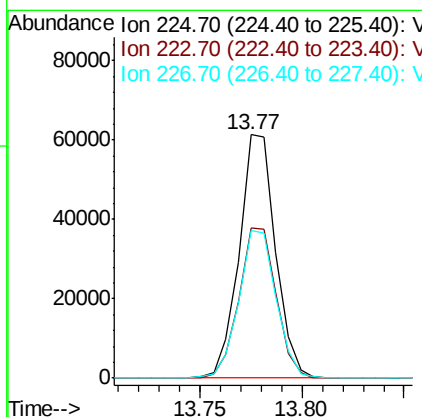
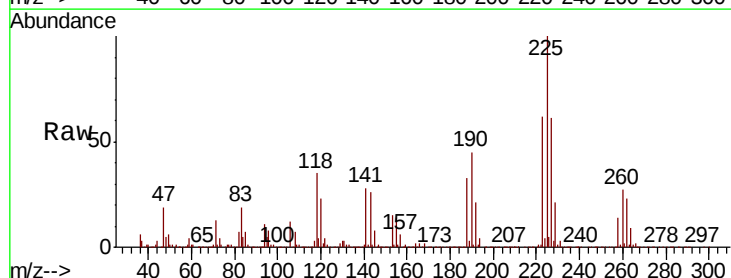
RT: 13.77 min Scan# 2114

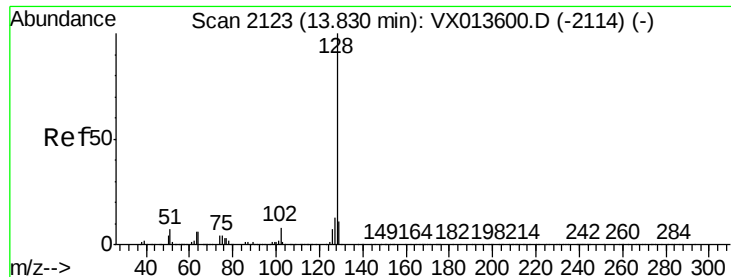
Delta R.T. -0.00 min

Lab File: VX0137873.D

Acq: 10 Dec 2019 00:44

Tgt Ion:	225	Resp:	75575
Ion Ratio	Lower	Upper	
225	100		
223	63.8	31.9	95.5
227	63.1	32.1	96.3





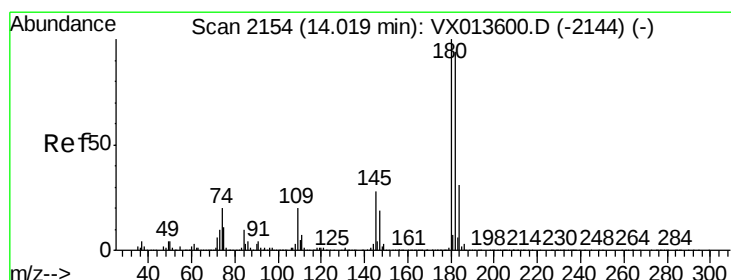
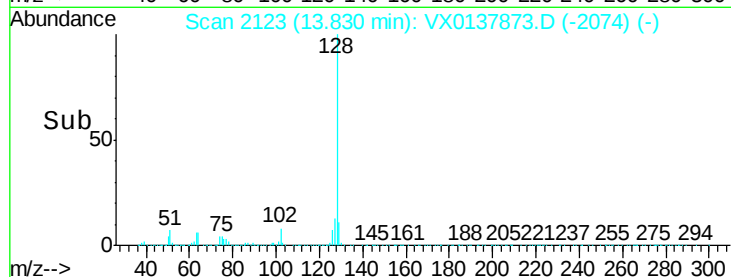
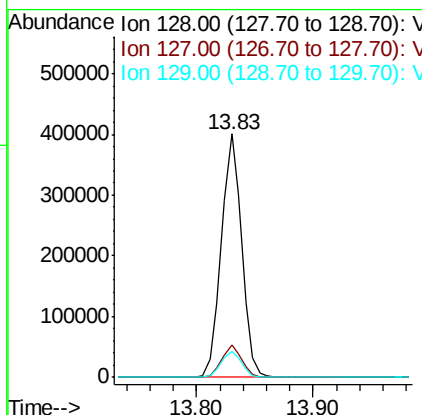
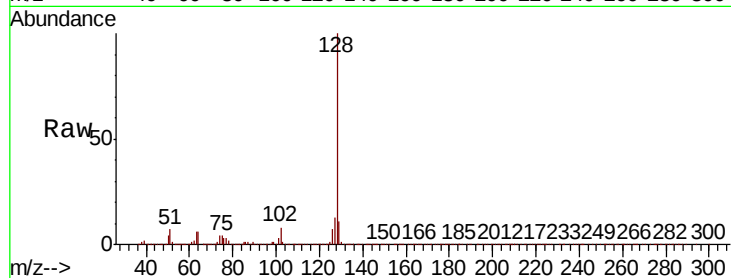
#95
Naphthalene
Concen: 19.182 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX0137873.D
Acq: 10 Dec 2019 00:44

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	10.6	8.7	13.1

Manual Integrations
APPROVED

apatel
12/10/2019 11:20:49 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.200 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VX0137873.D
Acq: 10 Dec 2019 00:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.6	142.8
145	29.8	15.0	45.0

