

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121219\
 Data File : VX013971.D
 Acq On : 12 Dec 2019 13:28
 Operator : JC/SP
 Sample : VX1212WBS03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS03

Manual Integrations
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apatel
 12/13/2019 11:25:18 AM

Quant Time: Dec 13 03:05:25 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	5.64	168	504064	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	749014	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	667628	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	339776	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	315963	54.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.00%	
35) Dibromofluoromethane	5.48	113	261760	56.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.06%	
50) Toluene-d8	8.71	98	990006	54.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.76%	
62) 4-Bromofluorobenzene	11.14	95	362272	55.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	99676	17.766	ug/l	96
3) Chloromethane	1.31	50	116759	18.547	ug/l	99
4) Vinyl Chloride	1.40	62	124544	17.577	ug/l	97
5) Bromomethane	1.62	94	99477	20.905	ug/l	99
6) Chloroethane	1.70	64	63410	15.726	ug/l	98
7) Trichlorofluoromethane	1.87	101	139593	17.742	ug/l	97
8) Diethyl Ether	2.19	74	69416	19.501	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.34	101	91597	19.060	ug/l	99
10) Methyl Iodide	2.48	142	90487	15.565	ug/l	99
11) Tert butyl alcohol	3.01	59	9460	6.550	ug/l #	74
12) 1,1-Dichloroethene	2.34	96	89127	18.580	ug/l	96
13) Acrolein	2.29	56	72748	79.515	ug/l	98
14) Allyl chloride	2.70	41	155038	17.809	ug/l	98
15) Acrylonitrile	3.15	53	267624	89.772	ug/l	99
16) Acetone	2.46	43	288691	99.937	ug/l	100
17) Carbon Disulfide	2.53	76	192791	14.098	ug/l	100
18) Methyl Acetate	2.77	43	164587	20.461	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	312876	19.688	ug/l	98
20) Methylene Chloride	2.84	84	114958	20.714	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	94774	18.136	ug/l	95
22) Diisopropyl ether	3.86	45	339993	20.283	ug/l	95
23) Vinyl Acetate	3.80	43	1326689	95.139	ug/l	99
24) 1,1-Dichloroethane	3.67	63	183748	20.052	ug/l	99
25) 2-Butanone	4.69	43	386924	90.125	ug/l	98
26) 2,2-Dichloropropane	4.56	77	142004	18.730	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	113674	18.941	ug/l	99
28) Bromochloromethane	4.99	49	77896	21.504	ug/l	100
29) Tetrahydrofuran	5.13	42	231766	87.570	ug/l	99
30) Chloroform	5.20	83	177337	19.082	ug/l	100
31) Cyclohexane	5.55	56	155877	18.035	ug/l	99
32) 1,1,1-Trichloroethane	5.47	97	144111	18.557	ug/l	99
36) 1,1-Dichloropropene	5.78	75	129527	19.050	ug/l	98
37) Ethyl Acetate	4.83	43	143545	18.819	ug/l	99
38) Carbon Tetrachloride	5.76	117	120262	19.182	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	160229	19.065	ug/l	97
40) Benzene	6.12	78	406686	19.639	ug/l	97
41) Methacrylonitrile	5.04	41	72716	17.383	ug/l	93
42) 1,2-Dichloroethane	6.18	62	146110	20.689	ug/l	99
43) Isopropyl Acetate	6.44	43	228395	18.188	ug/l	99
44) Trichloroethene	7.20	130	107405	18.899	ug/l	96
45) 1,2-Dichloropropane	7.50	63	105168	20.298	ug/l	95
46) Dibromomethane	7.65	93	65814	18.703	ug/l	99
47) Bromodichloromethane	7.89	83	124110	18.657	ug/l	98
48) Methyl methacrylate	7.77	41	113962	18.678	ug/l	98
49) 1,4-Dioxane	7.76	88	43401	317.787	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	737935	93.422	ug/l	98
52) Toluene	8.78	92	253398	19.697	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	135605	17.909	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	159827	19.320	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	104820	20.219	ug/l	99
56) Ethyl methacrylate	9.18	69	154891	18.583	ug/l	99
57) 1,3-Dichloropropane	9.37	76	179991	20.143	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	325017	99.457	ug/l	99
59) 2-Hexanone	9.50	43	565634	91.815	ug/l	98
60) Dibromochloromethane	9.58	129	96916	18.014	ug/l	98
61) 1,2-Dibromoethane	9.67	107	106927	19.312	ug/l	97
64) Tetrachloroethene	9.33	164	98416	19.767	ug/l	97
65) Chlorobenzene	10.14	112	277231	20.000	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	97408	19.570	ug/l	98
67) Ethyl Benzene	10.25	91	472637	19.843	ug/l	99
68) m/p-Xylenes	10.35	106	353668	38.782	ug/l	98
69) o-Xylene	10.70	106	176682	19.865	ug/l	99
70) Styrene	10.71	104	298696	19.965	ug/l	99
71) Bromoform	10.85	173	70812	17.194	ug/l	99
73) Isopropylbenzene	11.01	105	465630	19.536	ug/l	99
74) N-amyl acetate	10.90	43	202654	18.561	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	166324	20.123	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	137389m	17.978	ug/l	
77) Bromobenzene	11.25	156	122351	19.002	ug/l	99
78) n-propylbenzene	11.35	91	523509	19.676	ug/l	100
79) 2-Chlorotoluene	11.42	91	314971	19.735	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	392185	20.077	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	43624	15.617	ug/l	89
82) 4-Chlorotoluene	11.51	91	359739	19.461	ug/l	97
83) tert-Butylbenzene	11.77	119	394485	19.871	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	397429	20.047	ug/l	100
85) sec-Butylbenzene	11.94	105	455977	20.109	ug/l	100
86) p-Isopropyltoluene	12.06	119	417758	19.803	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	218107	19.432	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	218850	19.143	ug/l	99
89) n-Butylbenzene	12.38	91	348174	19.351	ug/l	100
90) Hexachloroethane	12.59	117	68167	17.878	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	224171	20.214	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	30031	16.684	ug/l	97

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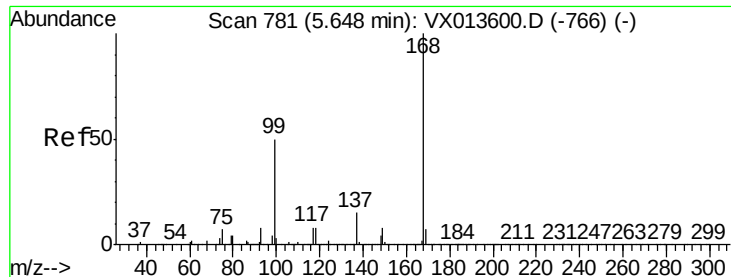
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	139004	17.985	ug/l	96
94) Hexachlorobutadiene	13.77	225	73582	19.819	ug/l	99
95) Naphthalene	13.83	128	404084	17.556	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	142236	18.587	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.01 min

Lab File: VX013971.D

Acq: 12 Dec 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS03

Tot Ion:168 Resp: 504064

Ion Ratio Lower Upper

168 100

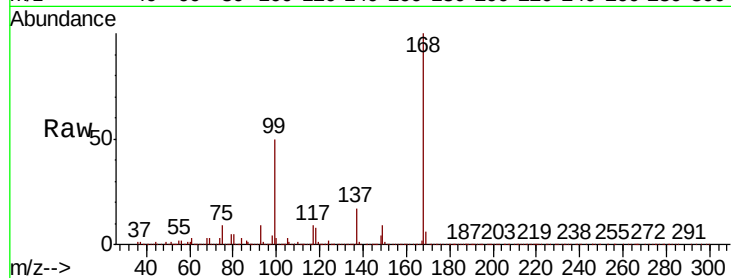
99 49.9 39.8 59.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

200000

150000

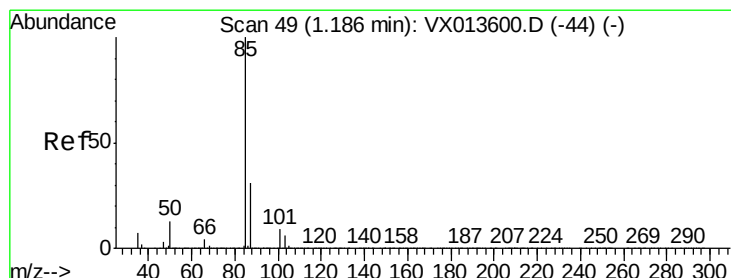
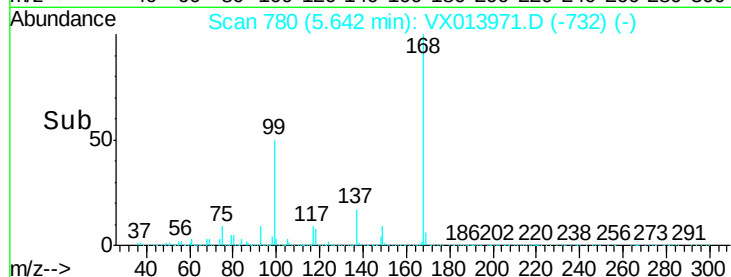
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50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 17.766 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX013971.D

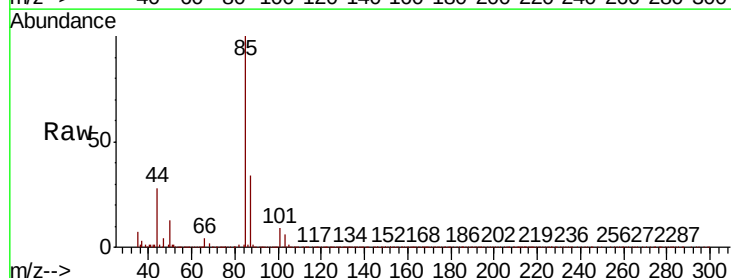
Acq: 12 Dec 2019 13:28

Tgt Ion: 85 Resp: 99676

Ion Ratio Lower Upper

85 100

87 33.7 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

80000

60000

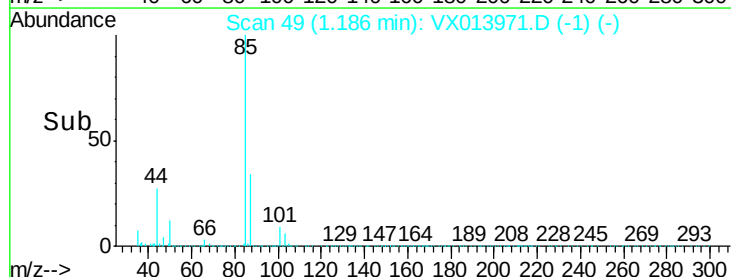
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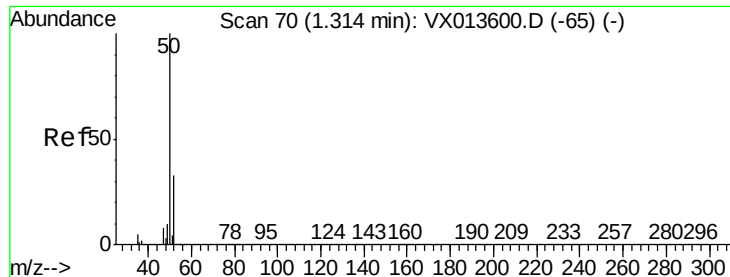
20000

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Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 18.547 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX013971.D

Acq: 12 Dec 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS03

Tot Ion: 50 Resp: 116759

Ion Ratio Lower Upper

50 100

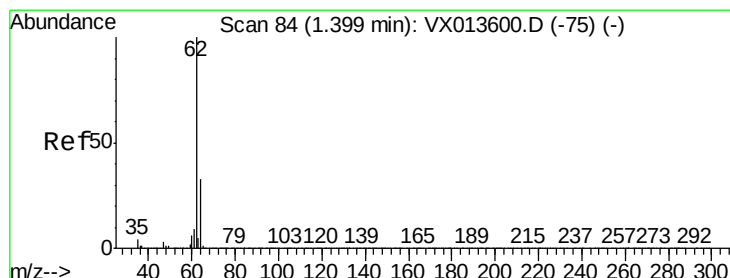
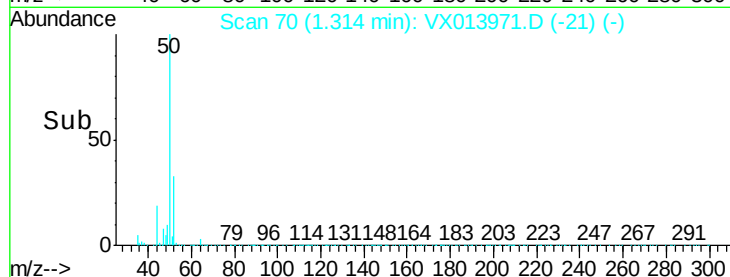
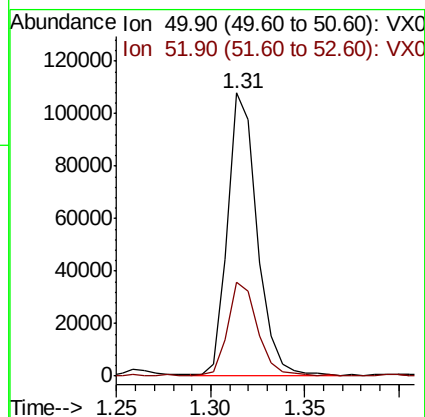
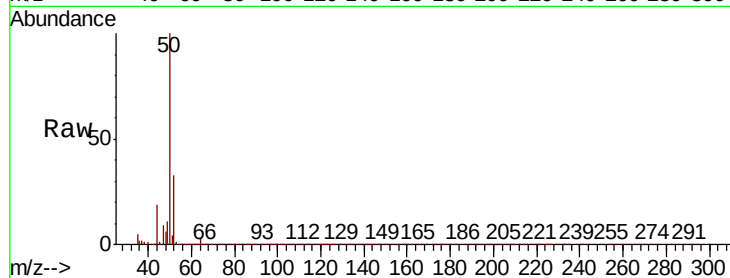
52 33.0 26.0 39.0

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#4

Vinyl Chloride

Concen: 17.577 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013971.D

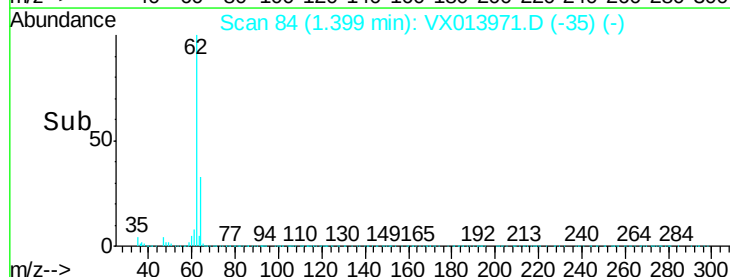
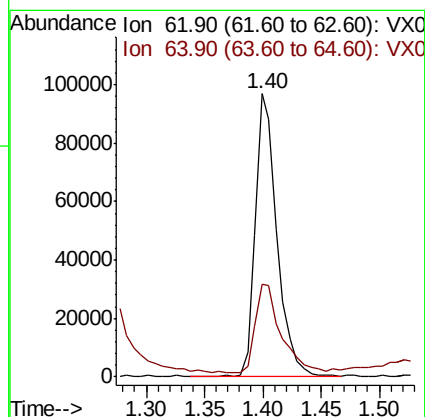
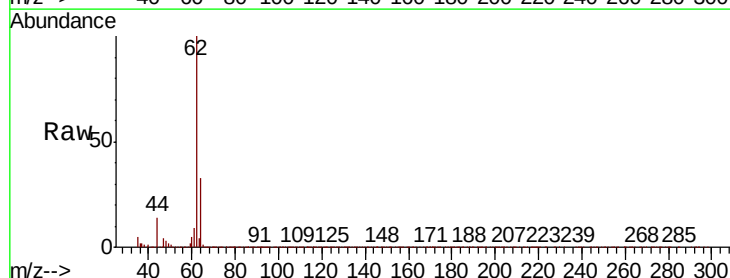
Acq: 12 Dec 2019 13:28

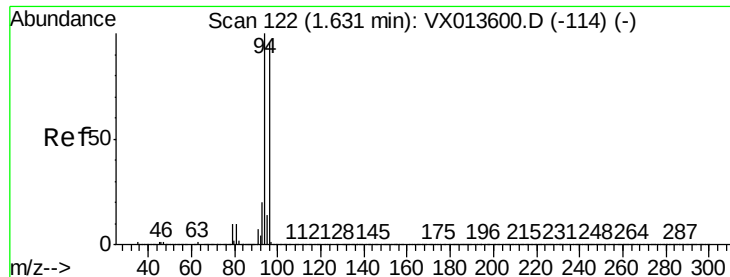
Tgt Ion: 62 Resp: 124544

Ion Ratio Lower Upper

62 100

64 30.6 26.0 39.0





#5

Bromomethane

Concen: 20.905 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.01 min

Lab File: VX013971.D

Acq: 12 Dec 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS03

Tot Ion: 94 Resp: 99477

Ion Ratio Lower Upper

94 100

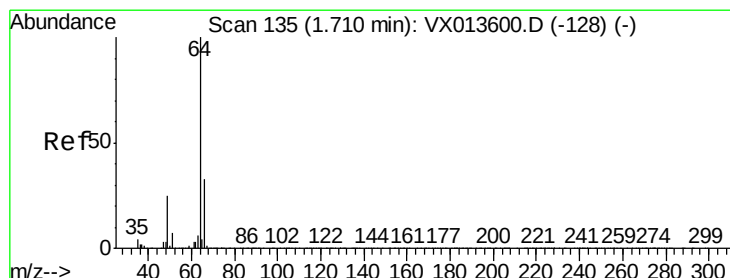
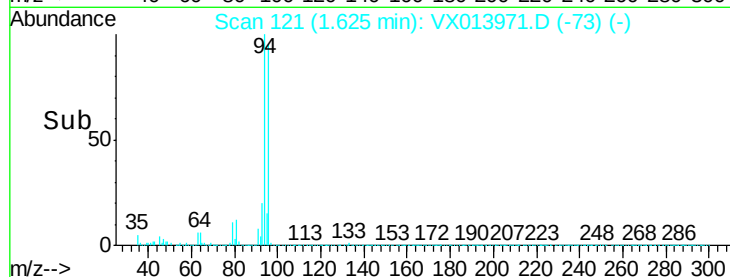
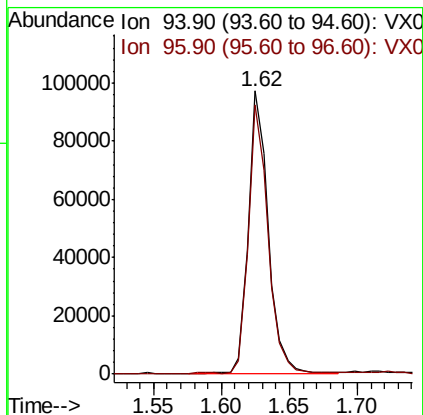
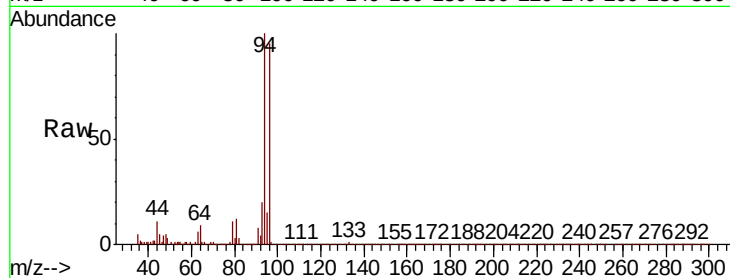
96 95.3 77.0 115.4

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#6

Chloroethane

Concen: 15.726 ug/l

RT: 1.70 min Scan# 133

Delta R.T. -0.01 min

Lab File: VX013971.D

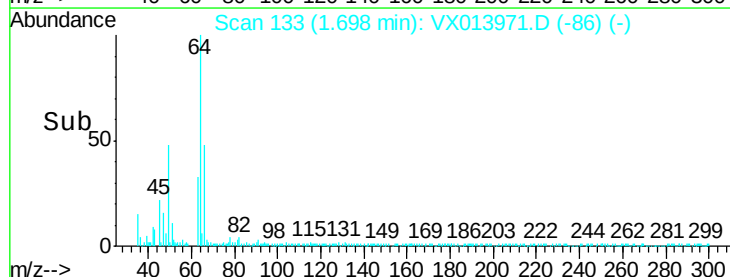
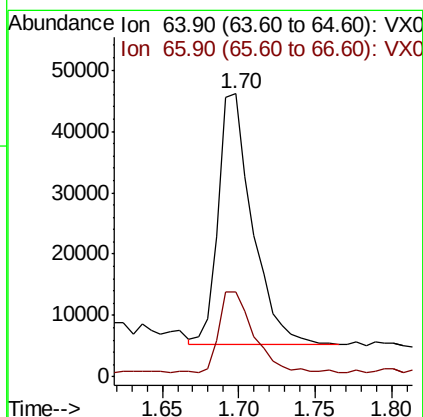
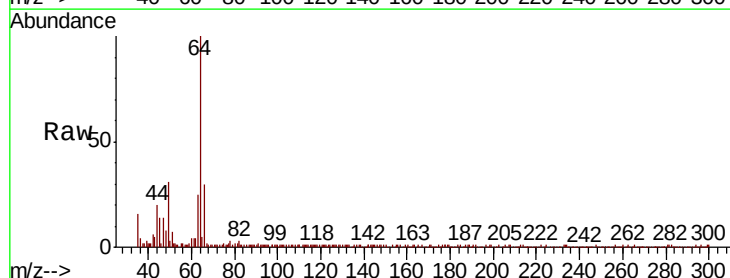
Acq: 12 Dec 2019 13:28

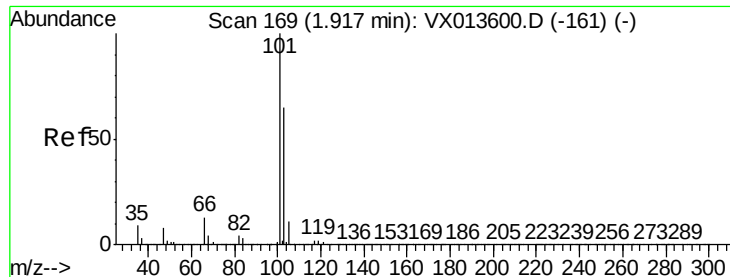
Tgt Ion: 64 Resp: 63410

Ion Ratio Lower Upper

64 100

66 32.0 26.7 40.1





#7

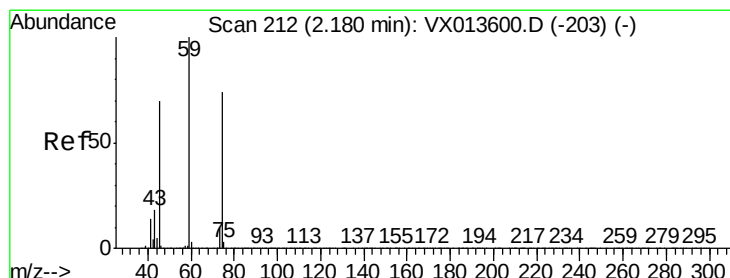
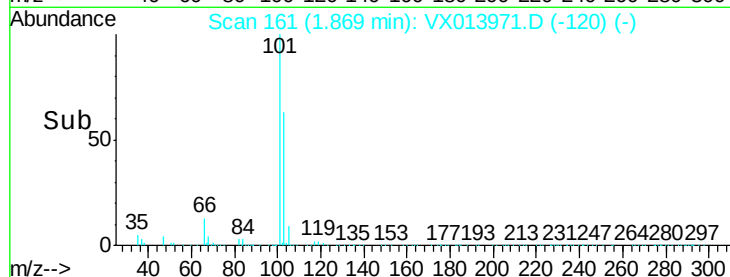
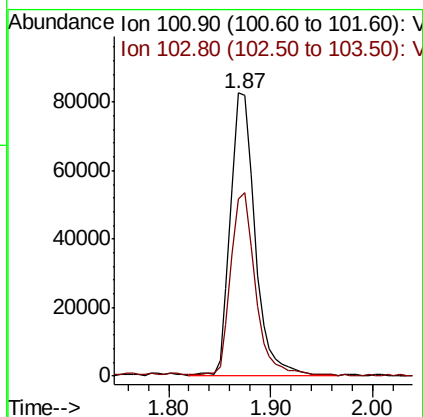
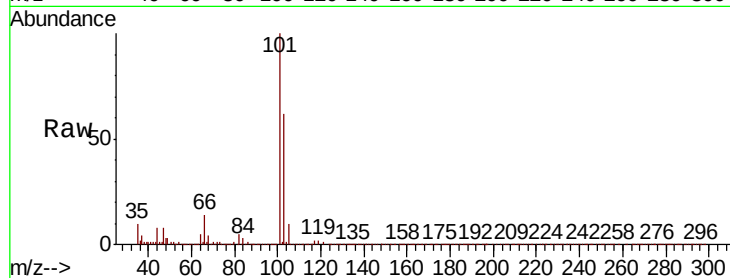
Trichlorofluoromethane
Concen: 17.742 ug/l
RT: 1.87 min Scan# 161
Delta R.T. -0.05 min
Lab File: VX013971.D
Acq: 12 Dec 2019 13:28

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ClientSampleId :
VX1212WBS03

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.2	51.8	77.6

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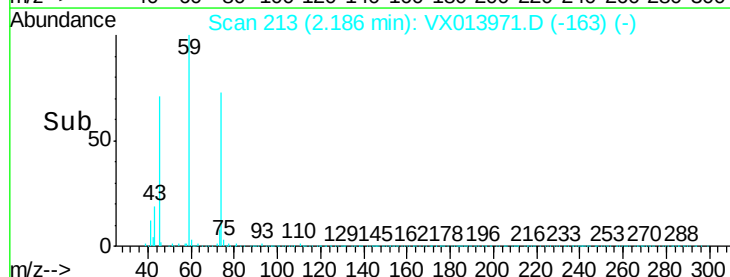
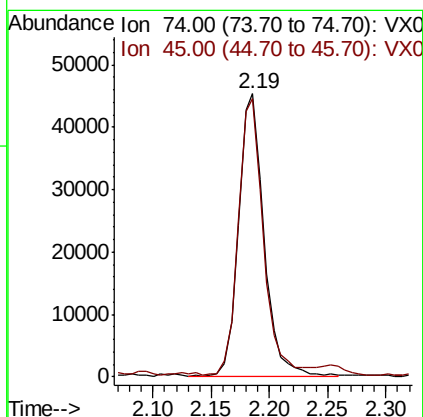
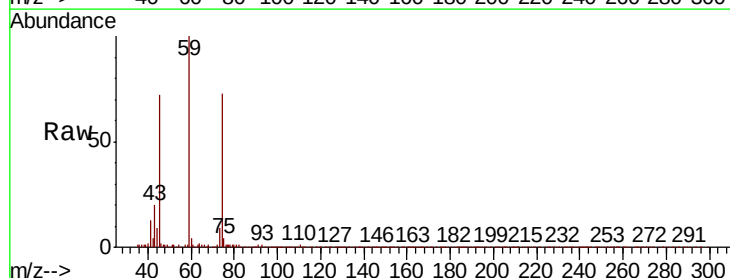
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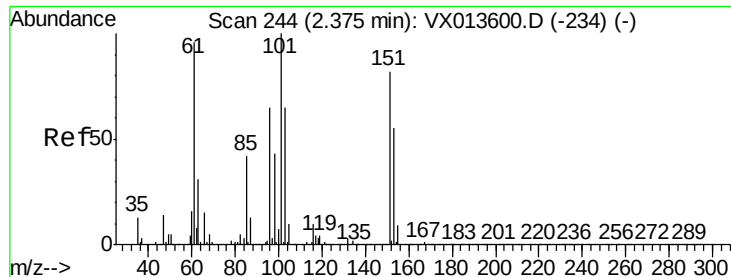


#8

Diethyl Ether
Concen: 19.501 ug/l
RT: 2.19 min Scan# 213
Delta R.T. 0.01 min
Lab File: VX013971.D
Acq: 12 Dec 2019 13:28

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.0	48.9	146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.060 ug/l

RT: 2.34 min Scan# 239

Delta R.T. -0.03 min

Lab File: VX013971.D

Acq: 12 Dec 2019 13:28

Instrument :

MSVOA_X

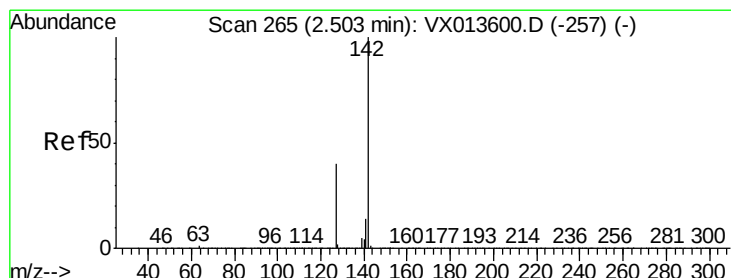
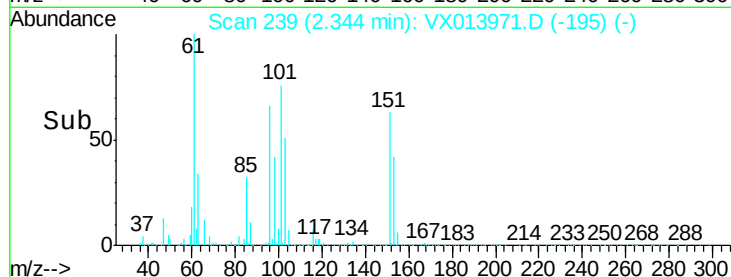
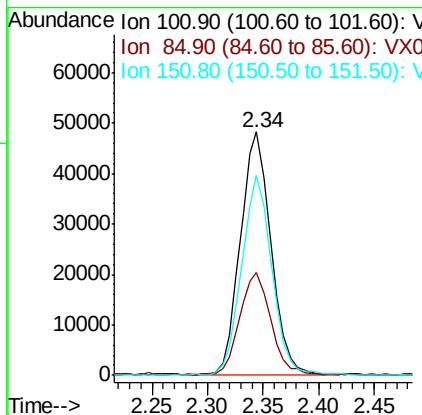
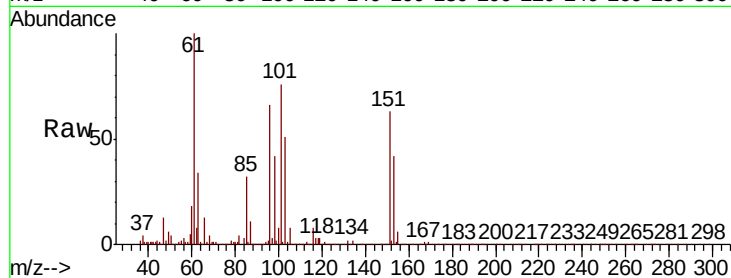
ClientSampleId :

VX1212WBS03

Tot Ion:	101	Resp:	91597
Ion Ratio	Lower	Upper	
101	100		
85	41.9	33.9	50.9
151	81.7	64.2	96.2

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#10

Methyl Iodide

Concen: 15.565 ug/l

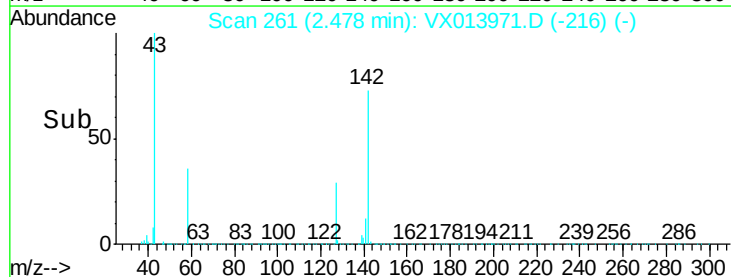
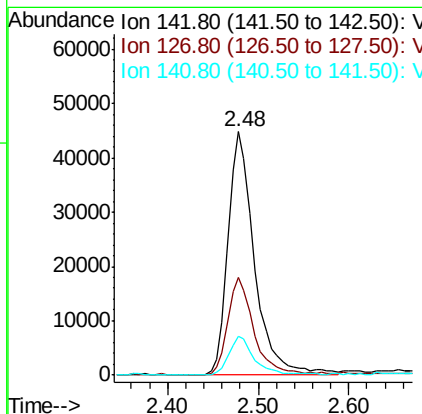
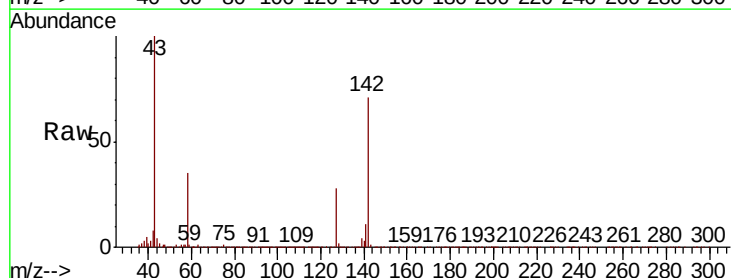
RT: 2.48 min Scan# 261

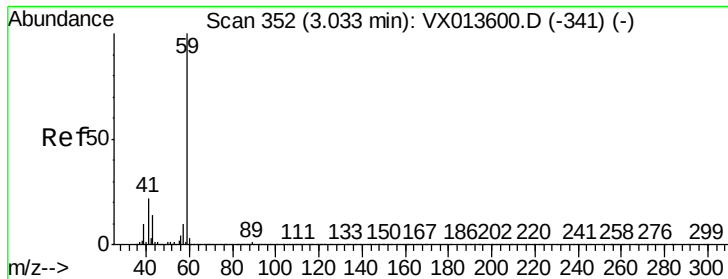
Delta R.T. -0.02 min

Lab File: VX013971.D

Acq: 12 Dec 2019 13:28

Tgt Ion:	142	Resp:	90487
Ion Ratio	Lower	Upper	
142	100		
127	39.1	31.0	46.4
141	15.9	11.6	17.4





#11

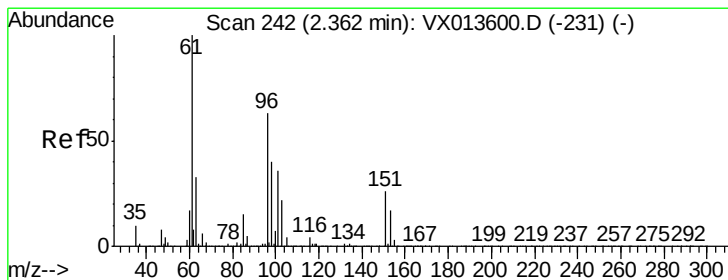
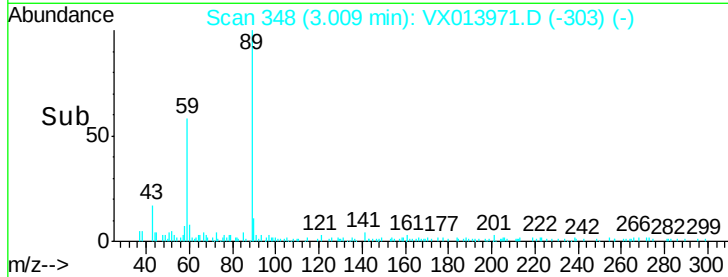
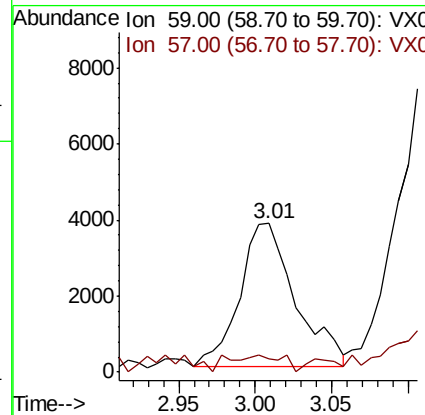
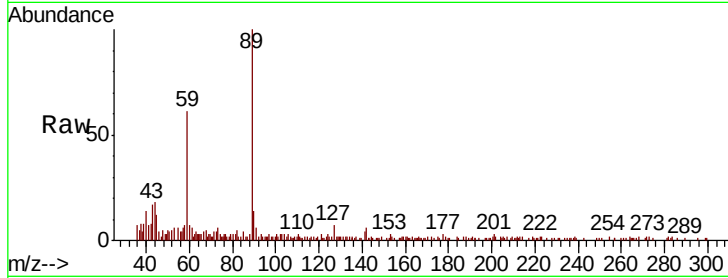
Tert butyl alcohol
Concen: 6.550 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.02 min
Lab File: VX013971.D
Acq: 12 Dec 2019 13:28

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS03

Tot Ion: 59 Resp: 9460
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

Manual Integrations
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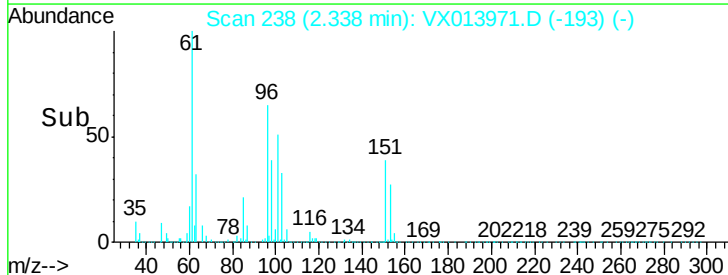
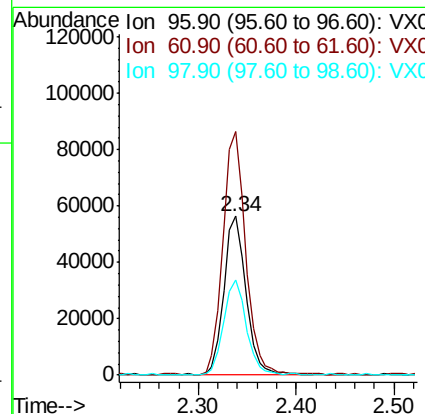
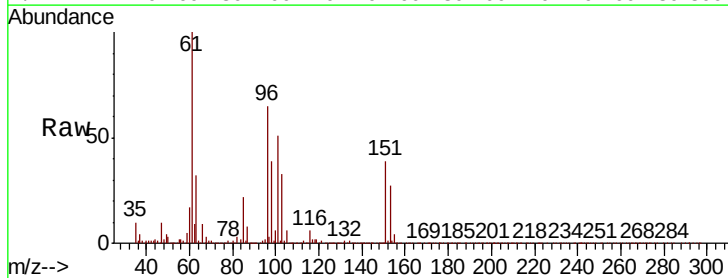
apatel
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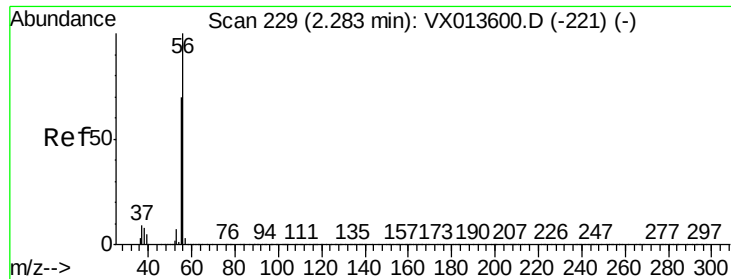


#12

1,1-Dichloroethene
Concen: 18.580 ug/l
RT: 2.34 min Scan# 238
Delta R.T. -0.02 min
Lab File: VX013971.D
Acq: 12 Dec 2019 13:28

Tgt Ion: 96 Resp: 89127
Ion Ratio Lower Upper
96 100
61 153.4 126.6 190.0
98 60.0 50.6 76.0





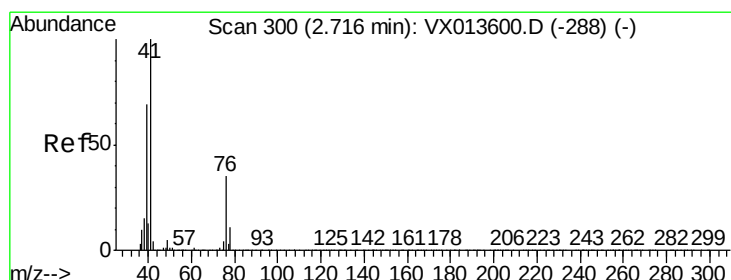
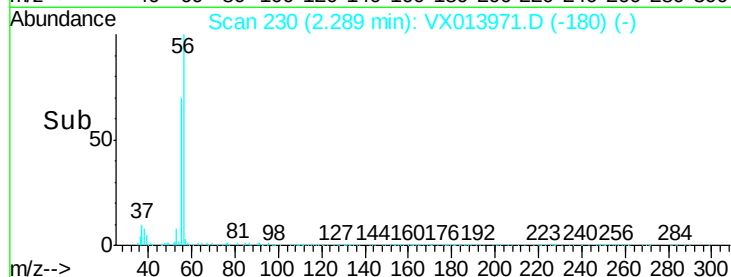
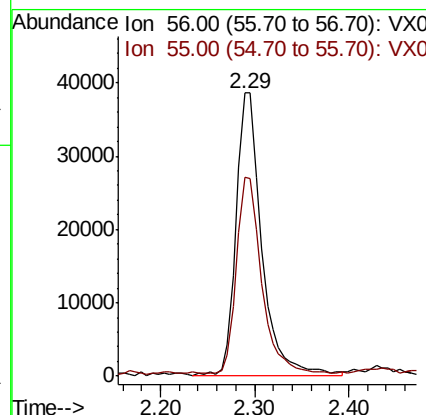
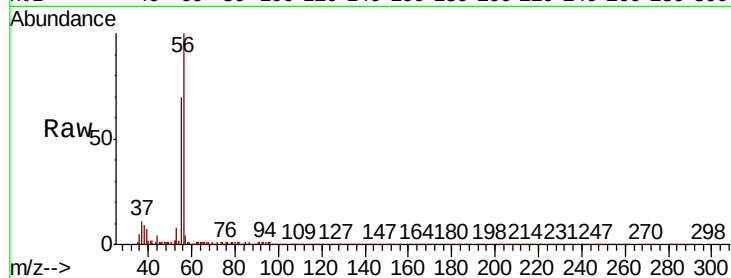
#13
Acrolein
Concen: 79.515 ug/l
RT: 2.29 min Scan# 230
Delta R.T. 0.01 min
Lab File: VX013971.D
Acq: 12 Dec 2019 13:28

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS03

Tot Ion	Ratio	Lower	Upper
56	100		
55	68.3	56.2	84.4

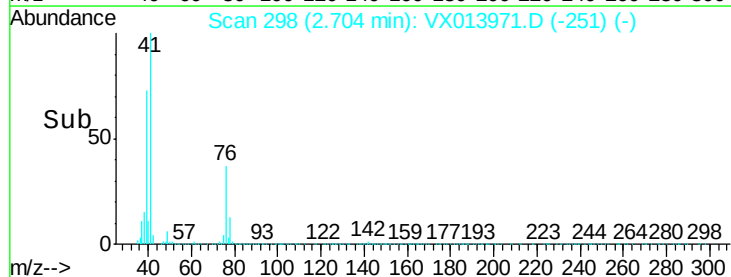
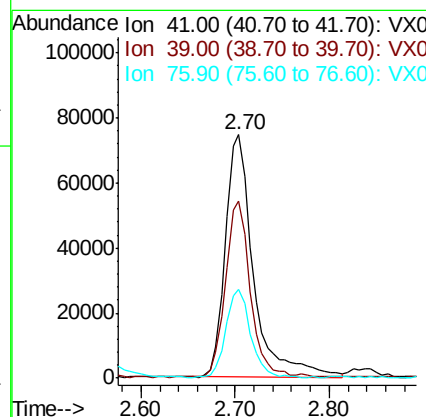
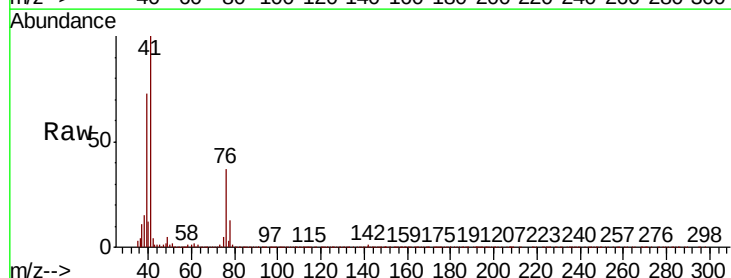
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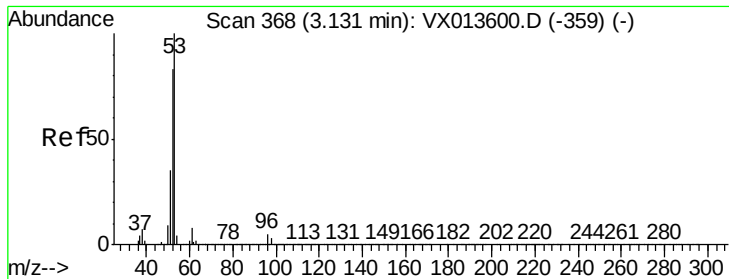
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#14
Allyl chloride
Concen: 17.809 ug/l
RT: 2.70 min Scan# 298
Delta R.T. -0.01 min
Lab File: VX013971.D
Acq: 12 Dec 2019 13:28

Tgt Ion	Ratio	Lower	Upper
41	100		
39	66.5	51.7	77.5
76	31.7	25.9	38.9





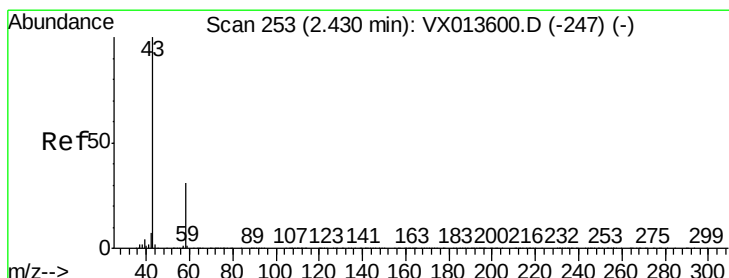
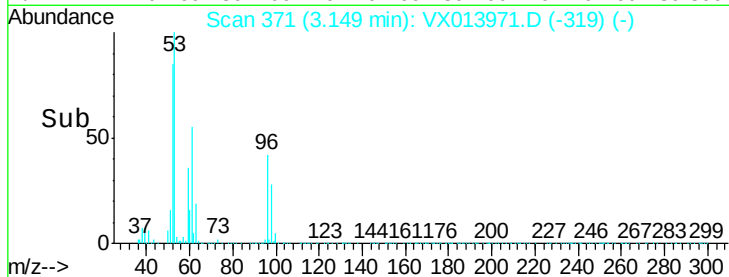
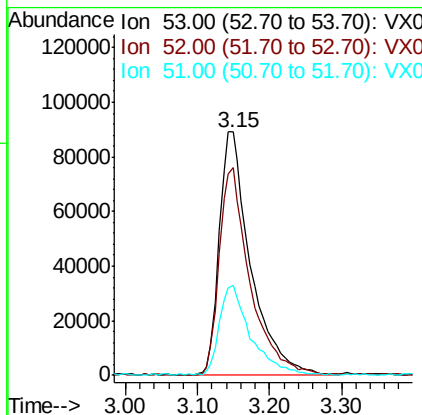
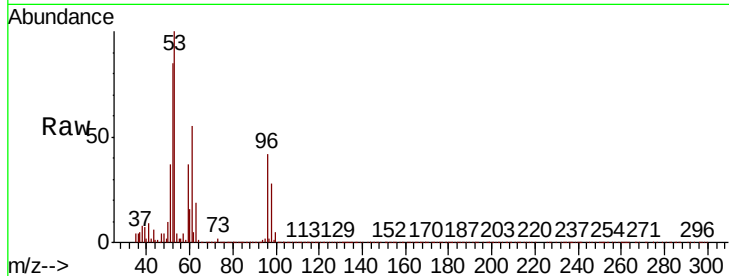
#15
Acrylonitrile
Concen: 89.772 ug/l
RT: 3.15 min Scan# 371
Delta R.T. 0.02 min
Lab File: VX013971.D
Acq: 12 Dec 2019 13:28

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS03

Tot Ion:	53	Resp:	267624
Ion Ratio	Lower	Upper	
53	100		
52	83.6	66.2	99.2
51	37.2	29.0	43.6

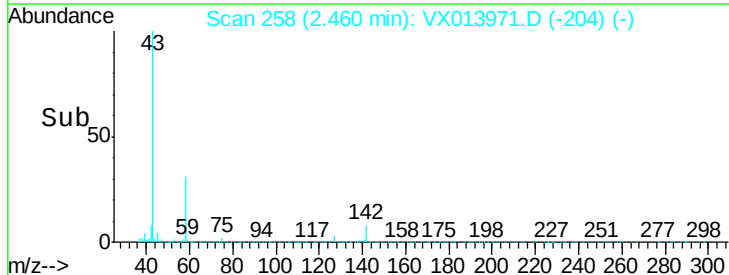
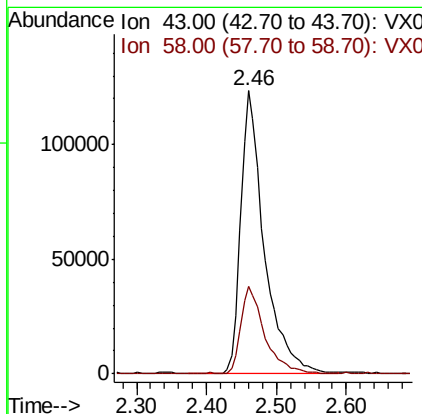
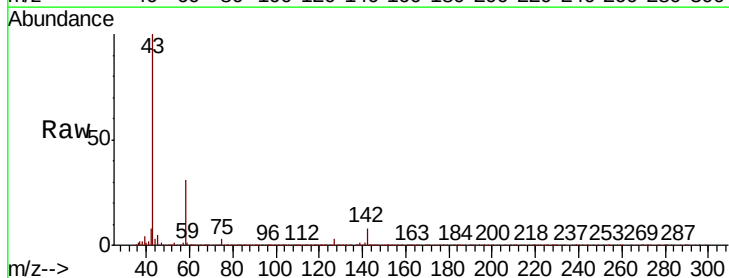
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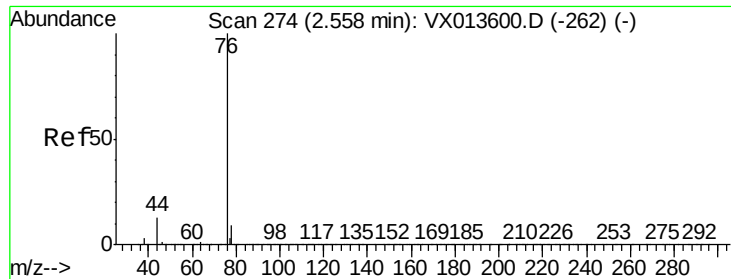
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#16
Acetone
Concen: 99.937 ug/l
RT: 2.46 min Scan# 258
Delta R.T. 0.03 min
Lab File: VX013971.D
Acq: 12 Dec 2019 13:28

Tgt Ion:	43	Resp:	288691
Ion Ratio	Lower	Upper	
43	100		
58	30.9	24.6	36.8





#17

Carbon Disulfide

Concen: 14.098 ug/l

RT: 2.53 min Scan# 270

Delta R.T. -0.02 min

Lab File: VX013971.D

Acq: 12 Dec 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS03

Tot Ion: 76 Resp: 192791

Ion Ratio Lower Upper

76 100

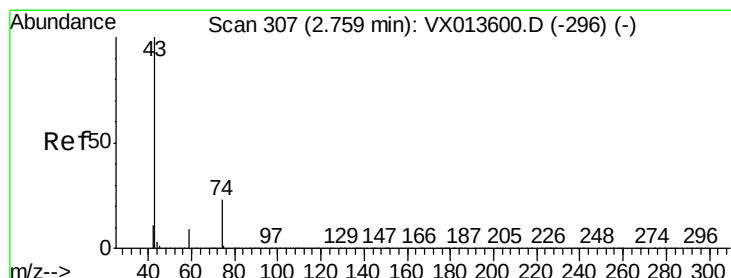
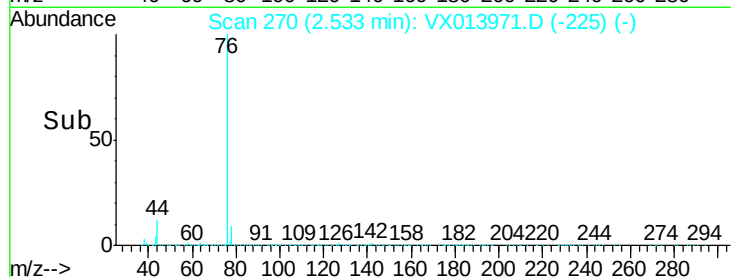
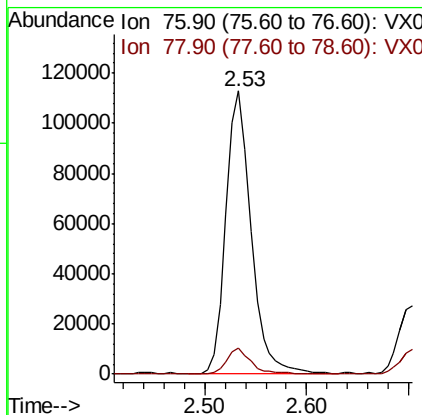
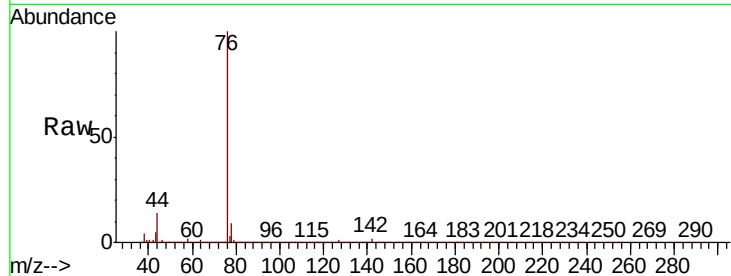
78 8.8 7.2 10.8

Manual Integrations

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#18

Methyl Acetate

Concen: 20.461 ug/l

RT: 2.77 min Scan# 309

Delta R.T. 0.01 min

Lab File: VX013971.D

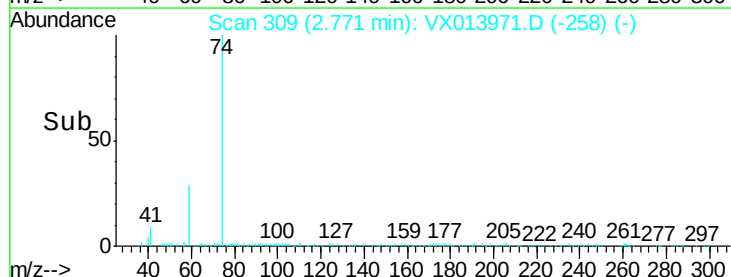
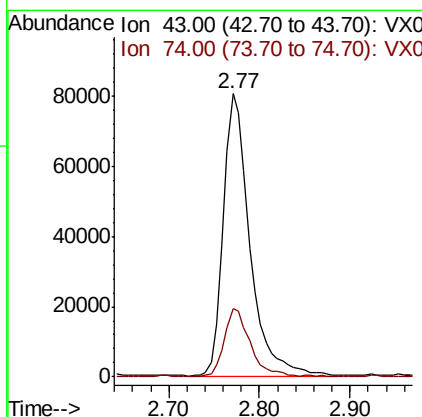
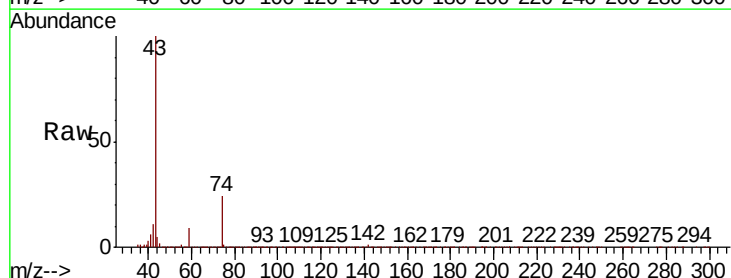
Acq: 12 Dec 2019 13:28

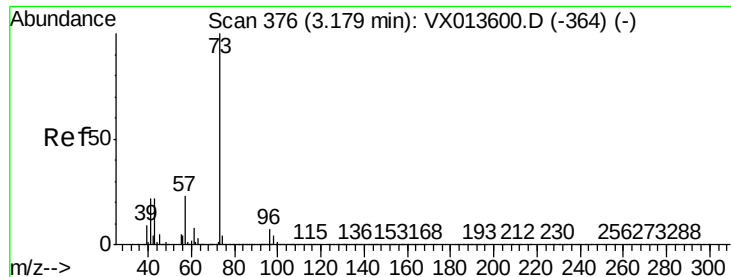
Tgt Ion: 43 Resp: 164587

Ion Ratio Lower Upper

43 100

74 23.9 19.5 29.3





#19

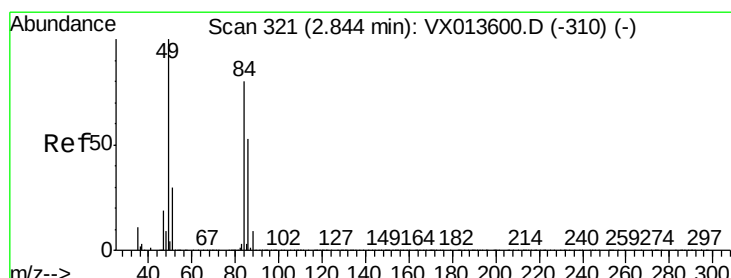
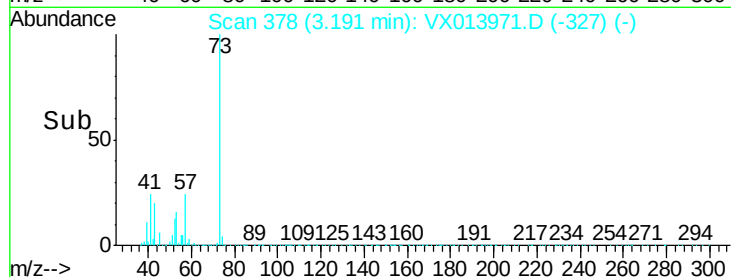
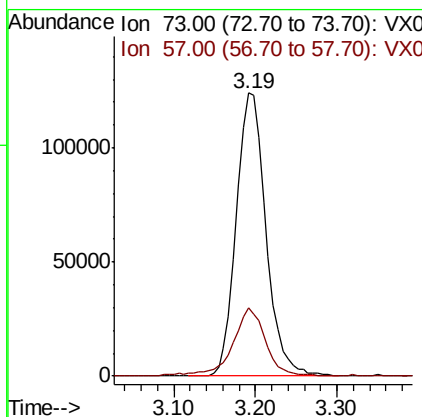
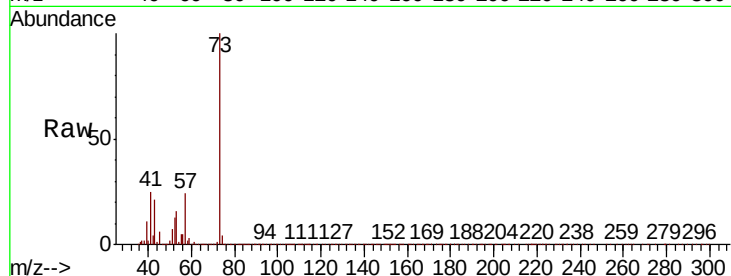
Methyl tert-butyl Ether
 Concen: 19.688 ug/l
 RT: 3.19 min Scan# 378
 Delta R.T. 0.01 min
 Lab File: VX013971.D
 Acq: 12 Dec 2019 13:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS03

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.9	18.3	27.5

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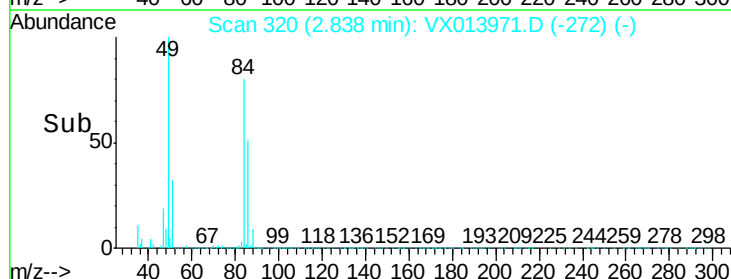
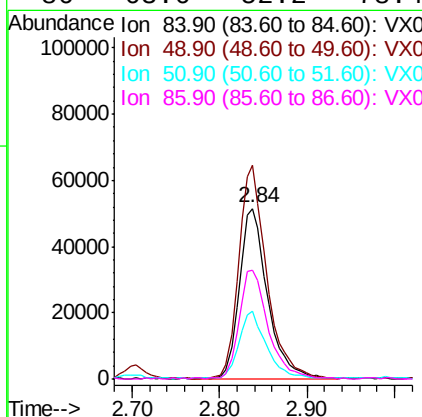
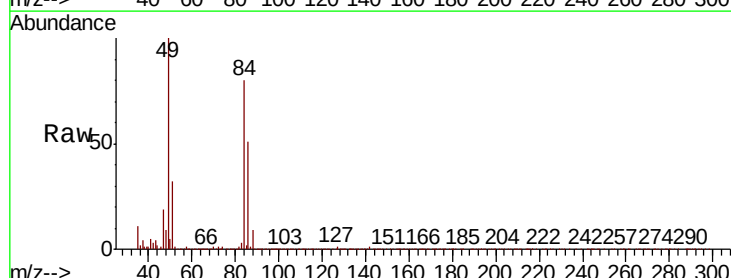
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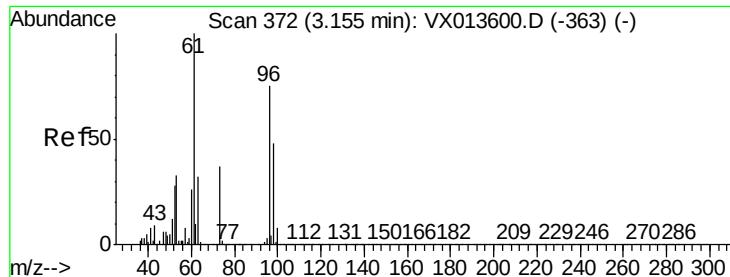


#20

Methylene Chloride
 Concen: 20.714 ug/l
 RT: 2.84 min Scan# 320
 Delta R.T. -0.01 min
 Lab File: VX013971.D
 Acq: 12 Dec 2019 13:28

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.7	99.7	149.5
51	39.7	29.9	44.9
86	63.6	52.2	78.4





#21

trans-1,2-Dichloroethene

Concen: 18.136 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.01 min

Lab File: VX013971.D

Acq: 12 Dec 2019 13:28

Instrument :

MSVOA_X

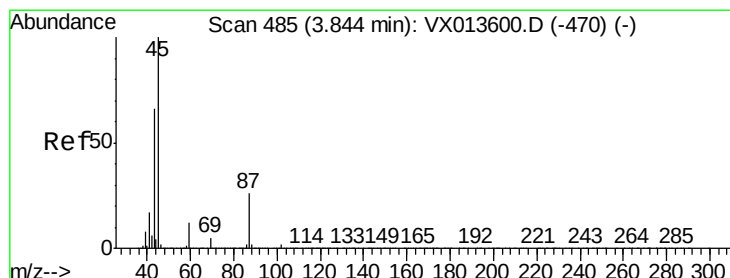
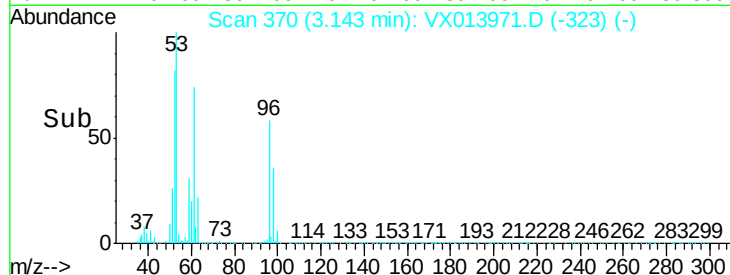
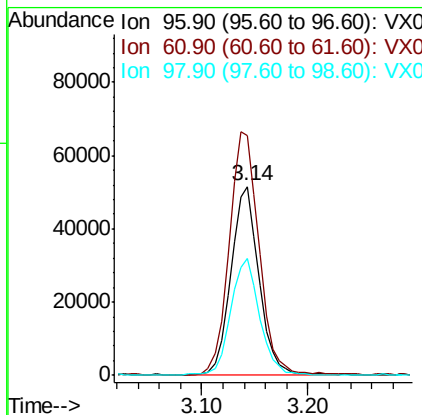
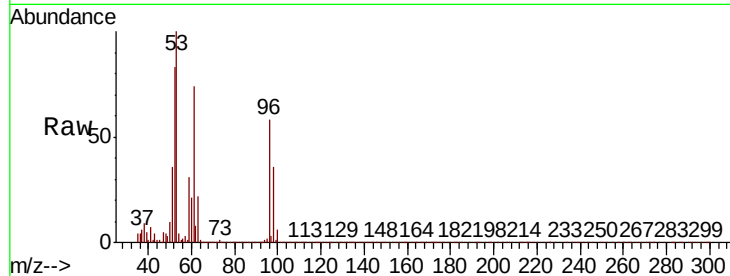
ClientSampleId :

VX1212WBS03

Tot Ion:	96	Resp:	94774
Ion	Ratio	Lower	Upper
96	100		
61	127.1	107.2	160.8
98	61.5	51.4	77.0

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#22

Diisopropyl ether

Concen: 20.283 ug/l

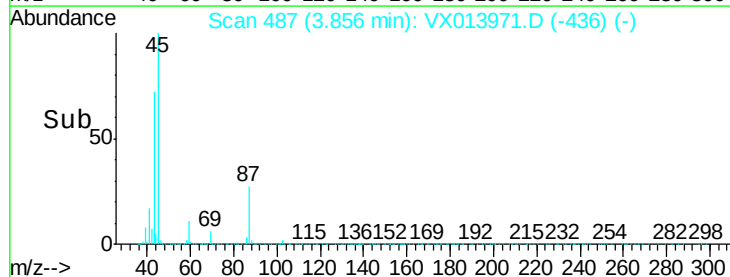
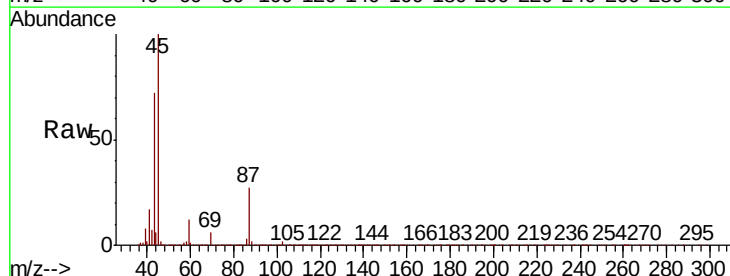
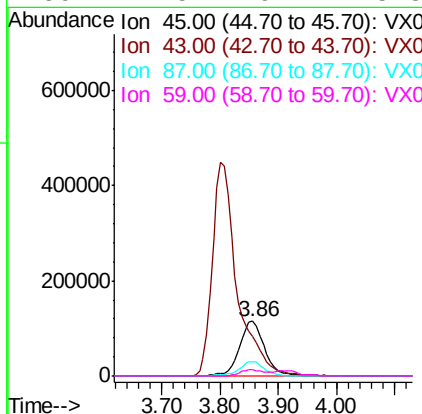
RT: 3.86 min Scan# 487

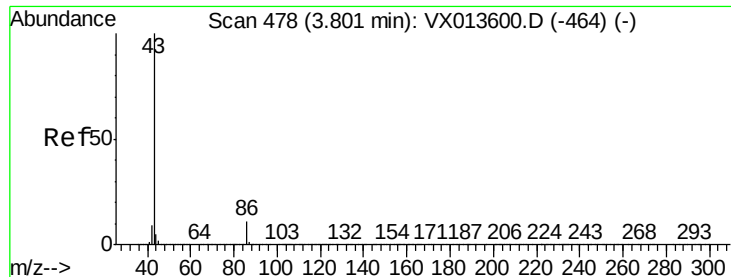
Delta R.T. 0.01 min

Lab File: VX013971.D

Acq: 12 Dec 2019 13:28

Tgt Ion:	45	Resp:	339993
Ion	Ratio	Lower	Upper
45	100		
43	72.0	52.6	79.0
87	26.7	21.1	31.7
59	11.5	9.2	13.8





#23

Vinyl Acetate

Concen: 95.139 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013971.D

Acq: 12 Dec 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS03

Tot Ion: 43 Resp: 1326689

Ion Ratio Lower Upper

43 100

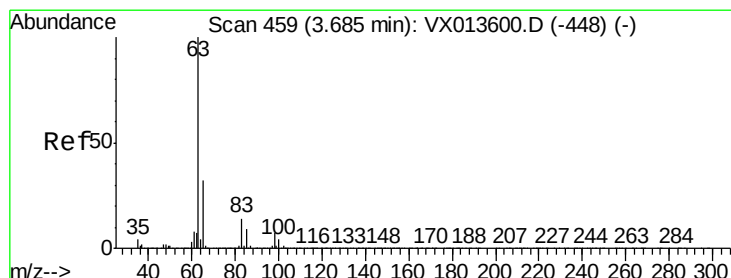
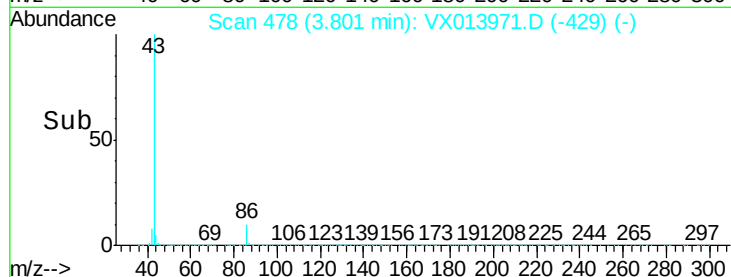
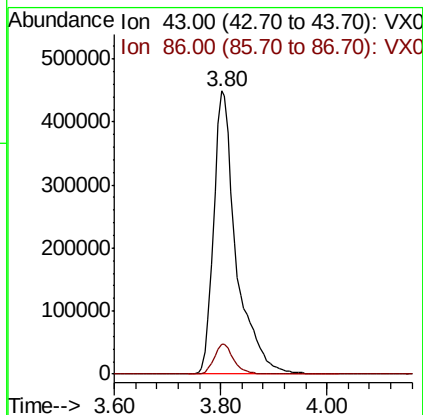
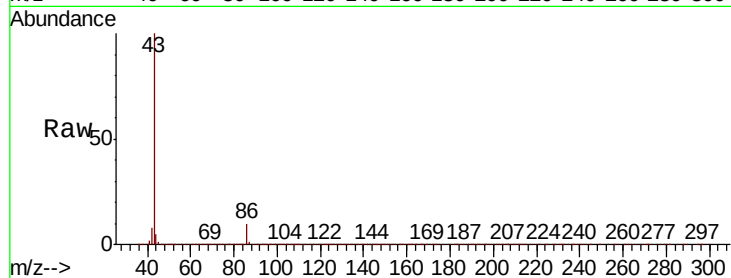
86 10.4 8.7 13.1

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#24

1,1-Dichloroethane

Concen: 20.052 ug/l

RT: 3.67 min Scan# 457

Delta R.T. -0.01 min

Lab File: VX013971.D

Acq: 12 Dec 2019 13:28

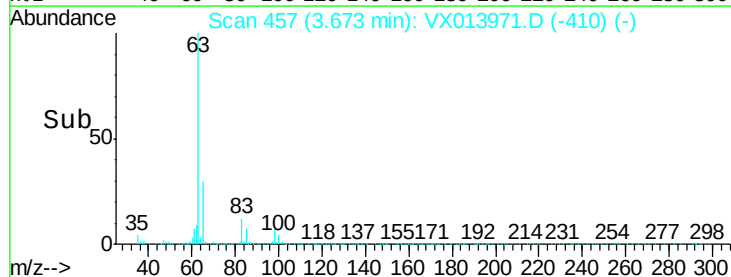
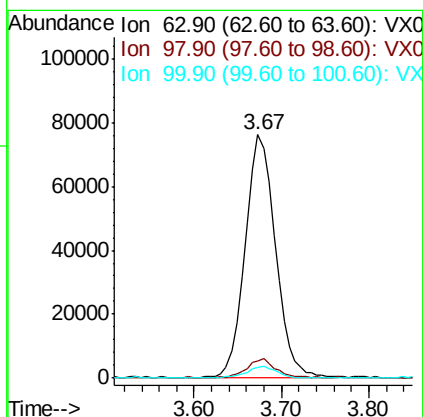
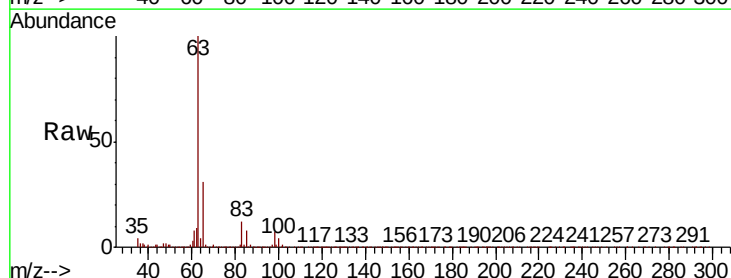
Tgt Ion: 63 Resp: 183748

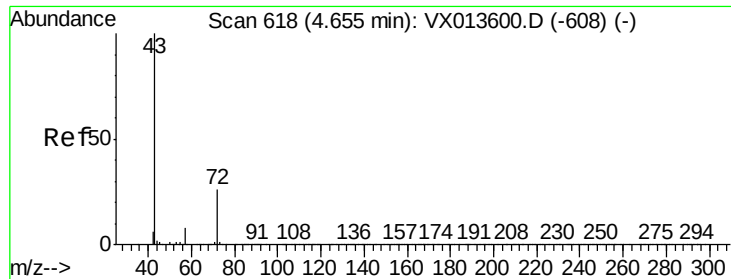
Ion Ratio Lower Upper

63 100

98 6.5 3.5 10.4

100 3.9 2.1 6.3





#25

2-Butanone

Concen: 90.125 ug/l

RT: 4.69 min Scan# 623

Delta R.T. 0.03 min

Lab File: VX013971.D

Acq: 12 Dec 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS03

Tot Ion: 43 Resp: 386924

Ion Ratio Lower Upper

43 100

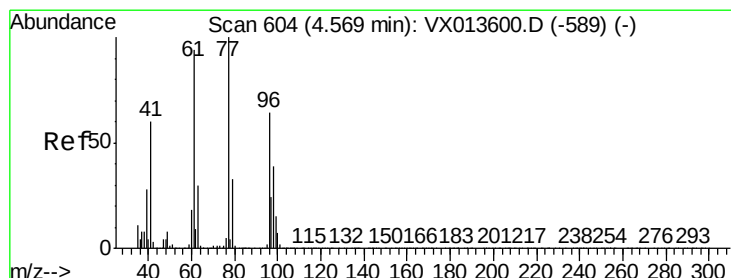
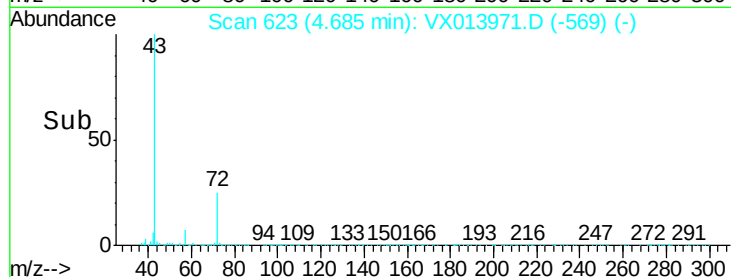
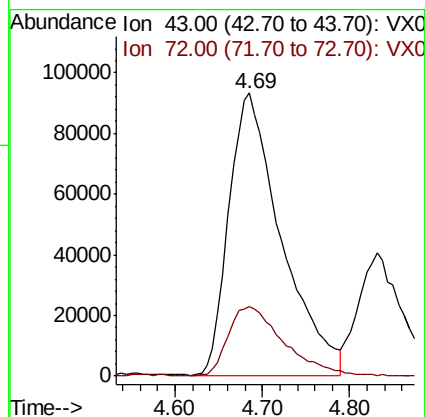
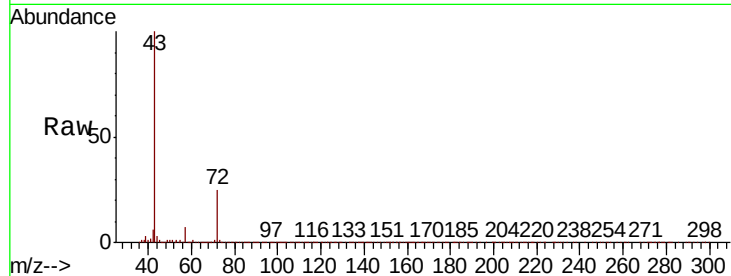
72 24.6 20.6 31.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.730 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX013971.D

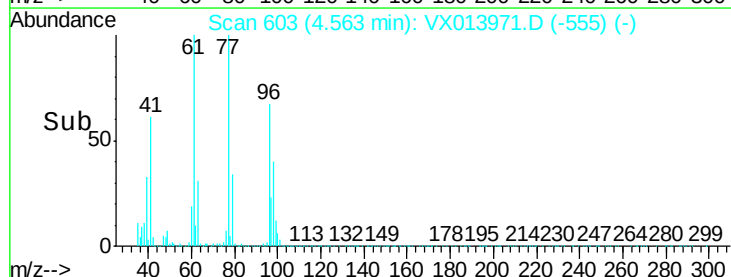
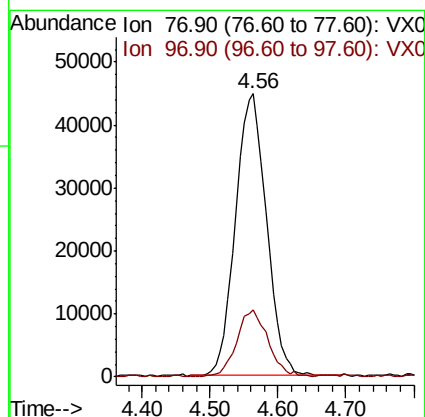
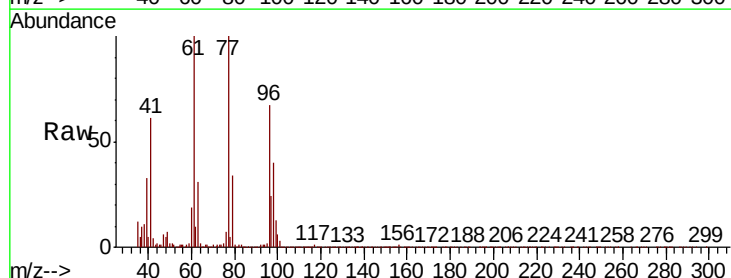
Acq: 12 Dec 2019 13:28

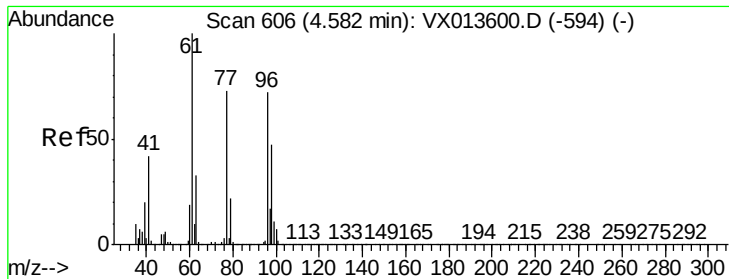
Tgt Ion: 77 Resp: 142004

Ion Ratio Lower Upper

77 100

97 24.1 12.0 36.1





#27

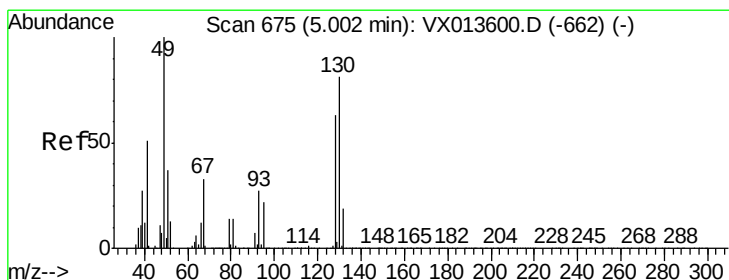
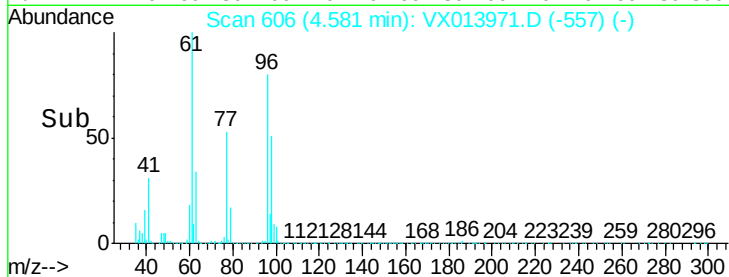
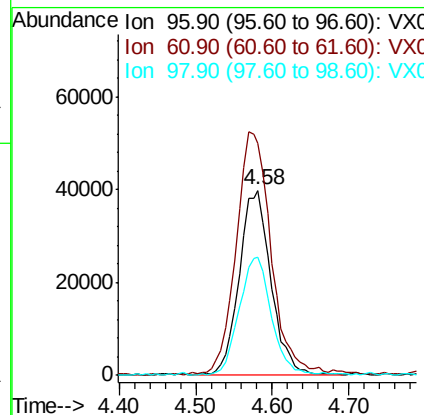
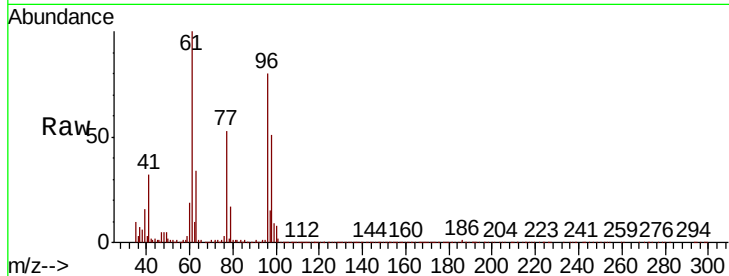
cis-1,2-Dichloroethene
 Concen: 18.941 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: VX013971.D
 Acq: 12 Dec 2019 13:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS03

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100		113674		
61	143.4	0.0	286.4		
98	65.6	0.0	127.4		

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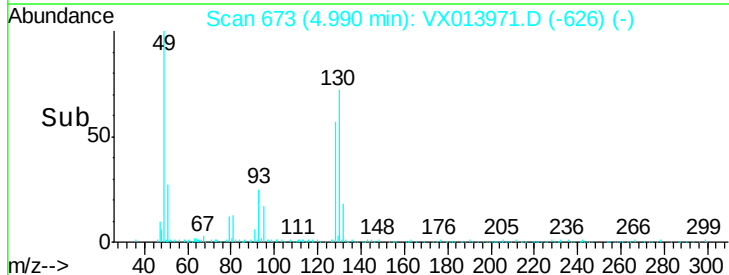
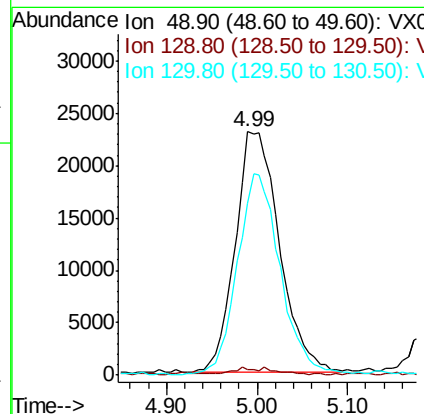
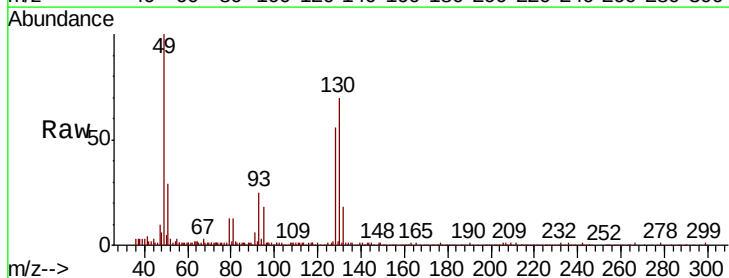
apatel
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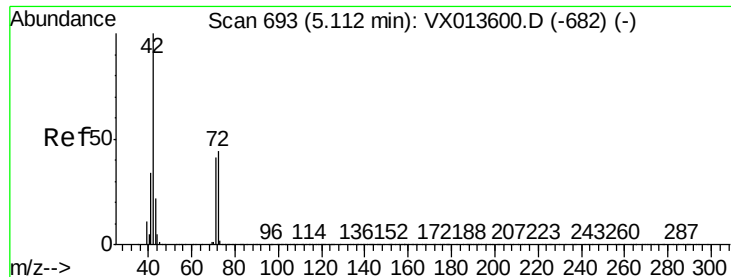


#28

Bromochloromethane
 Concen: 21.504 ug/l
 RT: 4.99 min Scan# 673
 Delta R.T. -0.01 min
 Lab File: VX013971.D
 Acq: 12 Dec 2019 13:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
49	100		77896		
129	1.2	0.0	5.0		
130	81.4	65.4	98.0		





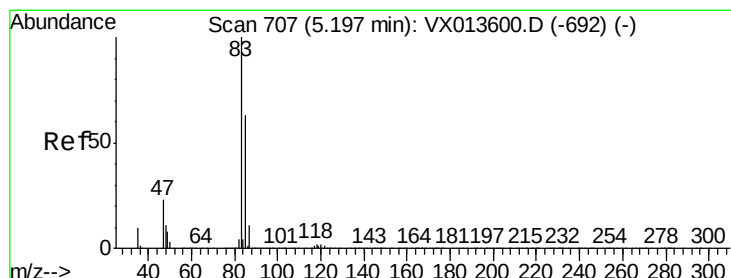
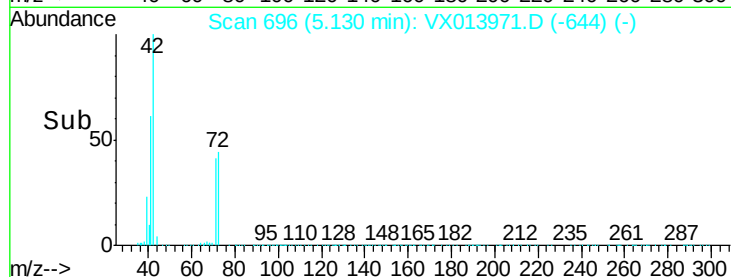
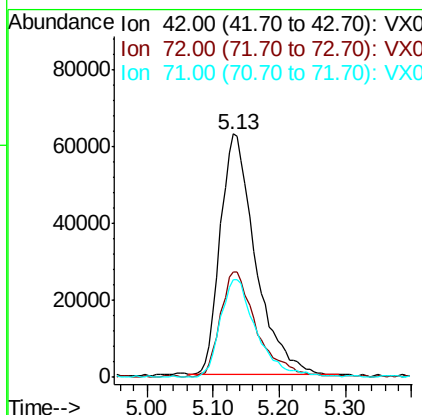
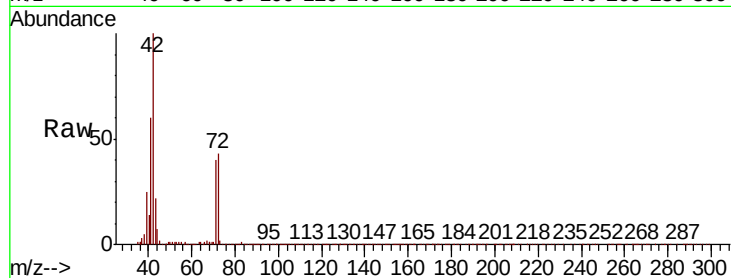
#29
Tetrahydrofuran
Concen: 87.570 ug/l
RT: 5.13 min Scan# 696
Delta R.T. 0.02 min
Lab File: VX013971.D
Acq: 12 Dec 2019 13:28

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS03

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.6	36.3	54.5
71	42.1	33.2	49.8

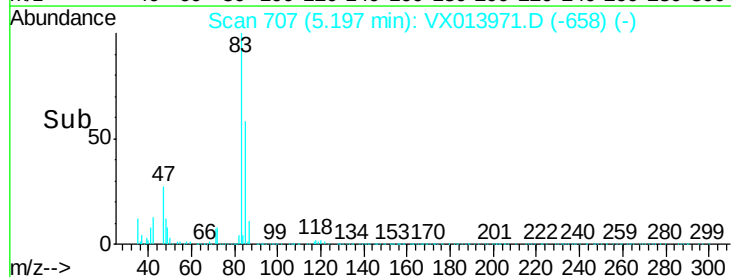
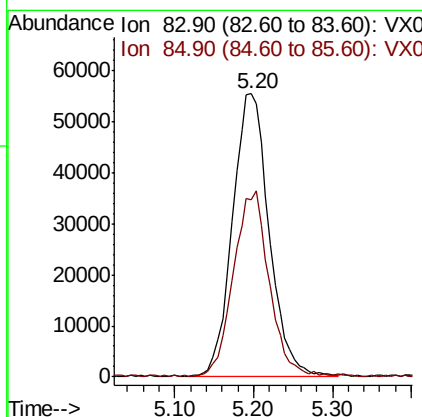
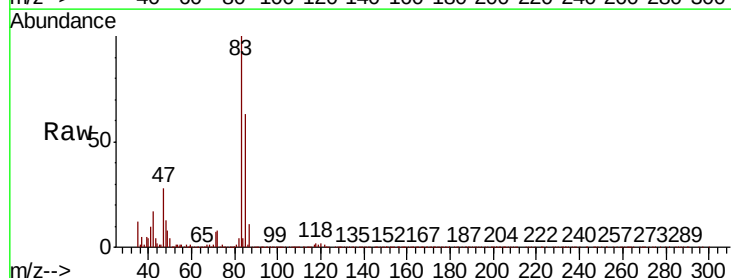
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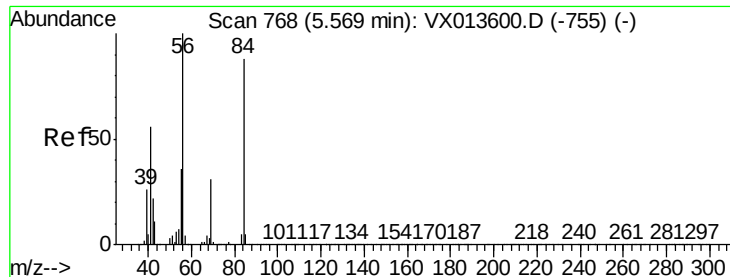
apatel
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#30
Chloroform
Concen: 19.082 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013971.D
Acq: 12 Dec 2019 13:28

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.4	50.2	75.4





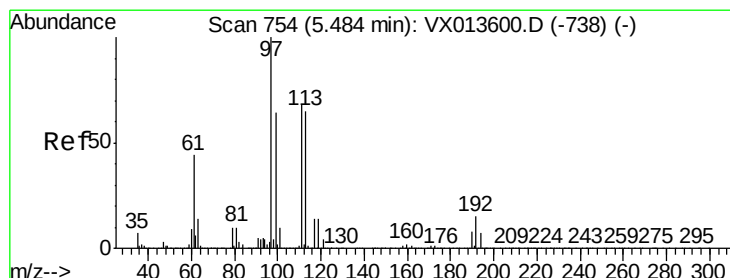
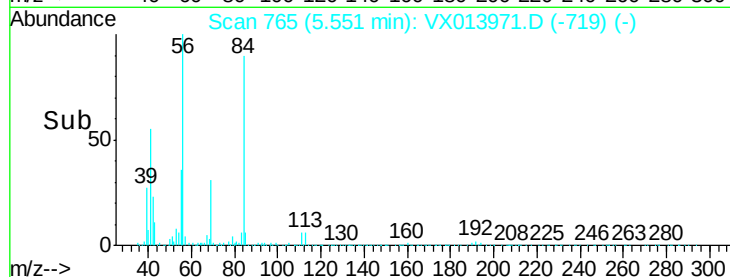
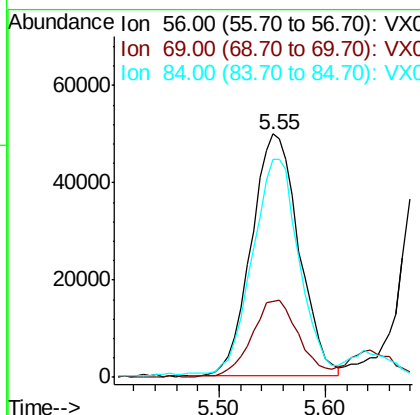
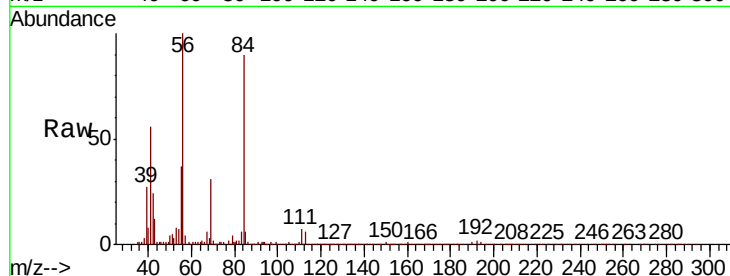
#31
Cyclohexane
Concen: 18.035 ug/l
RT: 5.55 min Scan# 765
Delta R.T. -0.02 min
Lab File: VX013971.D
Acq: 12 Dec 2019 13:28

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS03

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	30.8	24.6	36.8	
84	88.4	70.0	105.0	

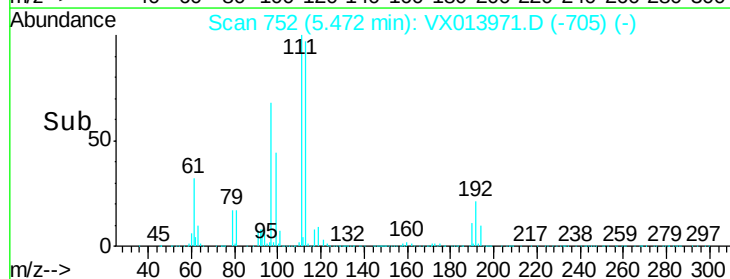
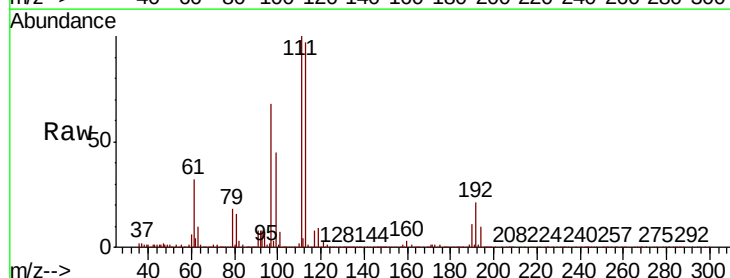
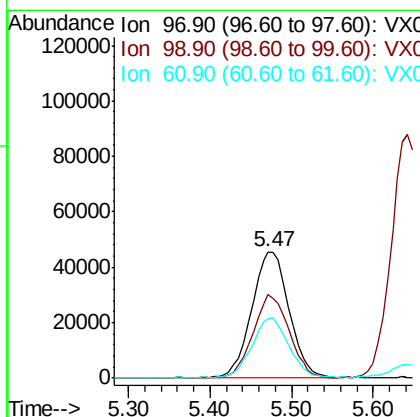
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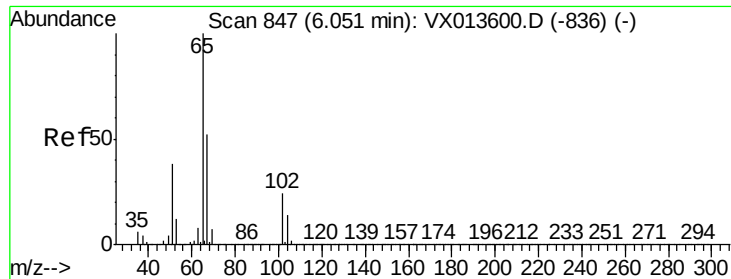
apatel
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#32
1,1,1-Trichloroethane
Concen: 18.557 ug/l
RT: 5.47 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX013971.D
Acq: 12 Dec 2019 13:28

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	64.0	51.6	77.4	
61	46.8	36.1	54.1	





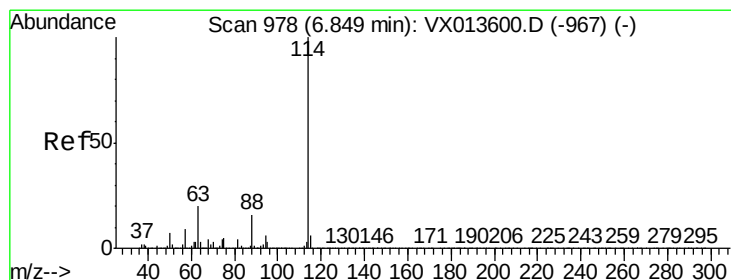
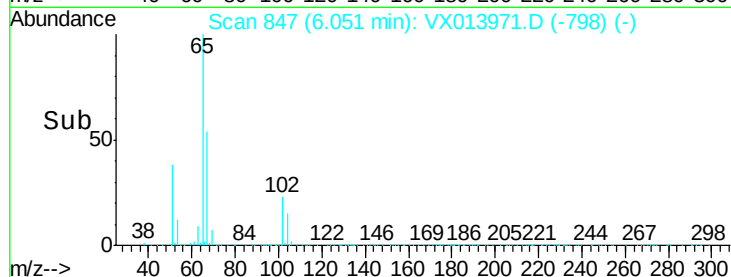
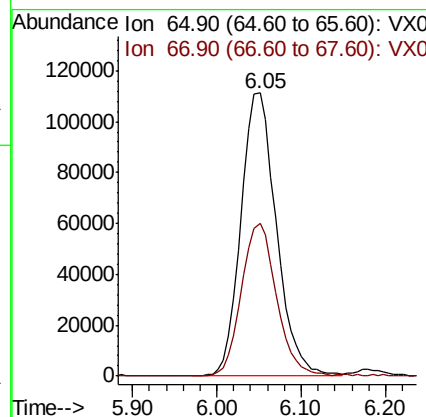
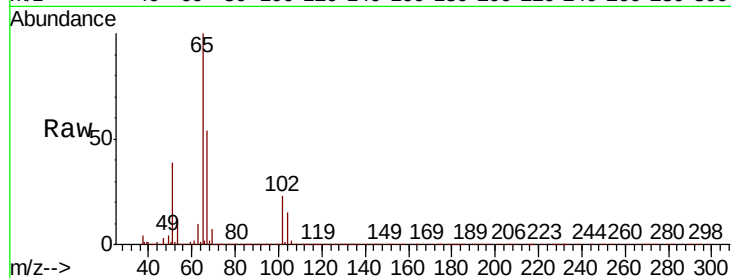
#33
 1,2-Dichloroethane-d4
 Concen: 54.001 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX013971.D
 Acq: 12 Dec 2019 13:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS03

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	104.4

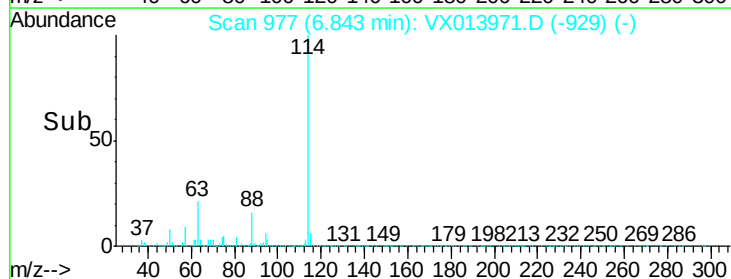
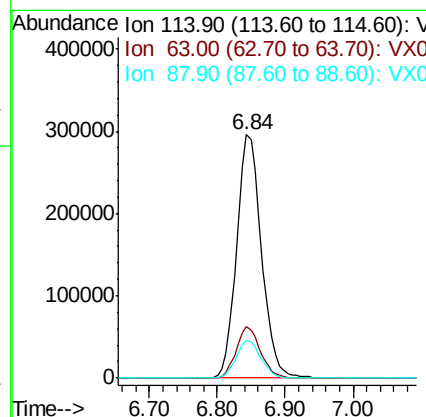
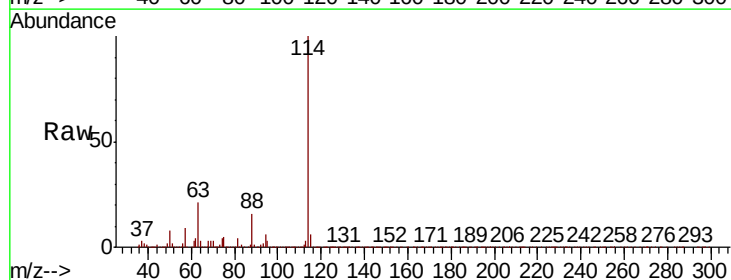
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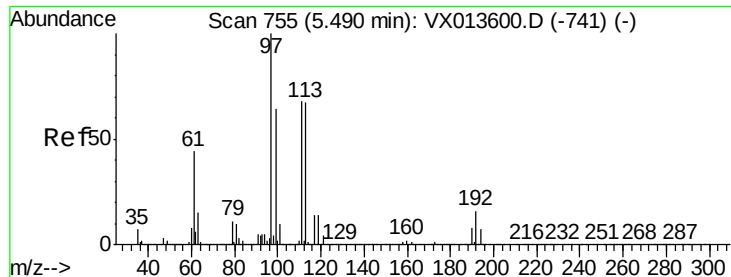
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX013971.D
 Acq: 12 Dec 2019 13:28

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	39.6
88	15.5	0.0	31.4





#35

Dibromofluoromethane

Concen: 56.530 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX013971.D

Acq: 12 Dec 2019 13:28

Instrument :

MSVOA_X

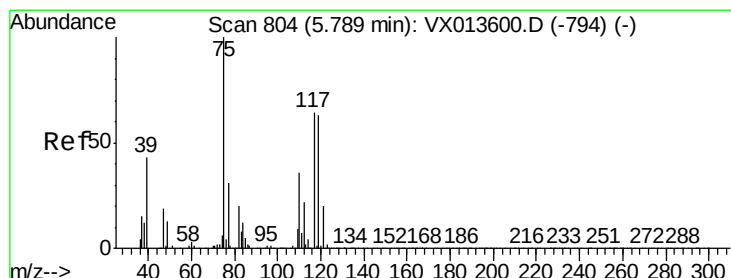
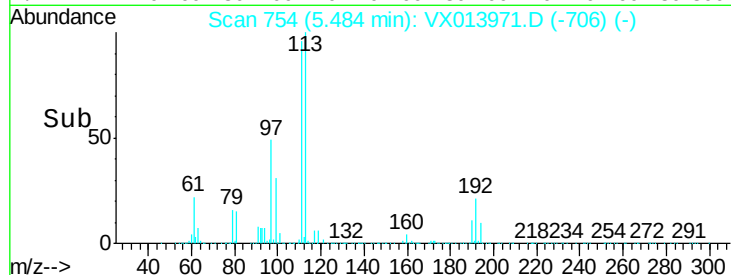
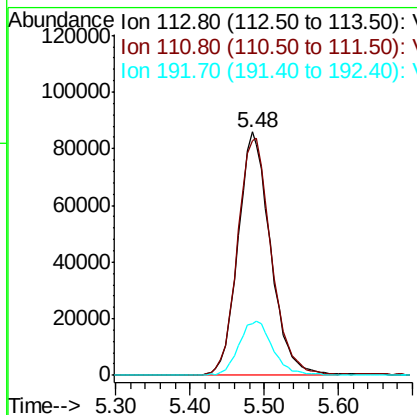
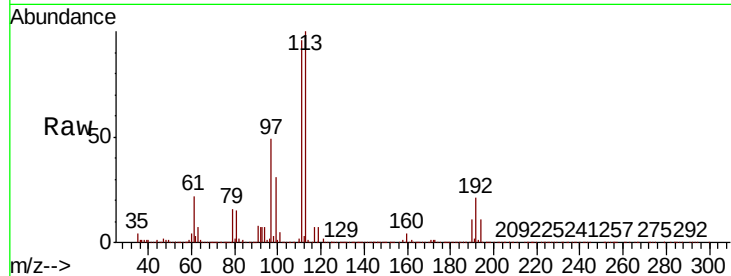
ClientSampleId :

VX1212WBS03

Tot Ion:	113	Resp:	261760
Ion Ratio	Lower	Upper	
113	100		
111	101.1	83.6	125.4
192	23.5	19.2	28.8

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#36

1,1-Dichloropropene

Concen: 19.050 ug/l

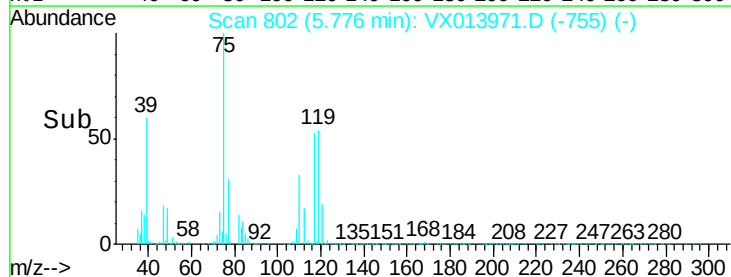
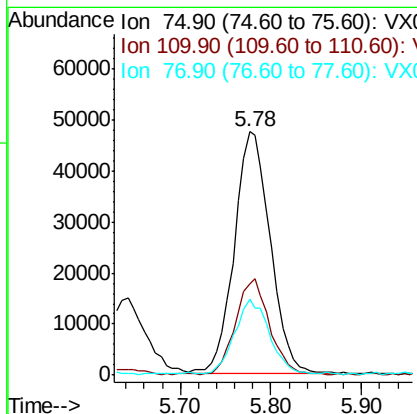
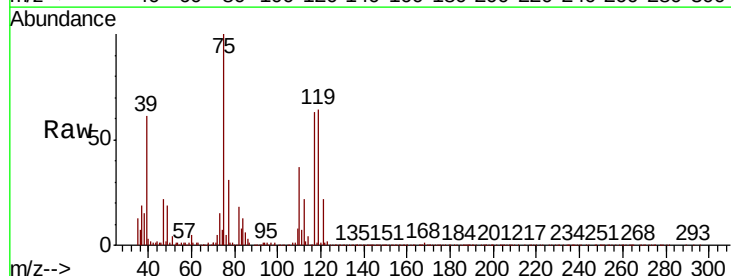
RT: 5.78 min Scan# 802

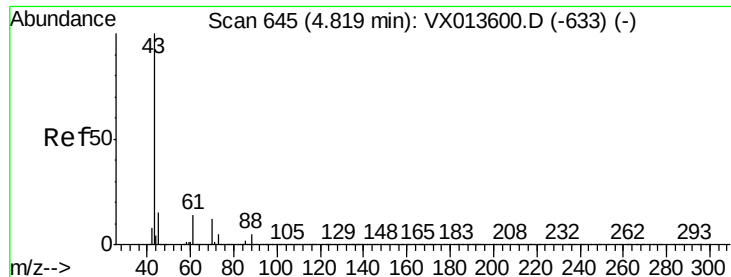
Delta R.T. -0.01 min

Lab File: VX013971.D

Acq: 12 Dec 2019 13:28

Tgt Ion:	75	Resp:	129527
Ion Ratio	Lower	Upper	
75	100		
110	37.5	18.1	54.1
77	29.3	24.5	36.7





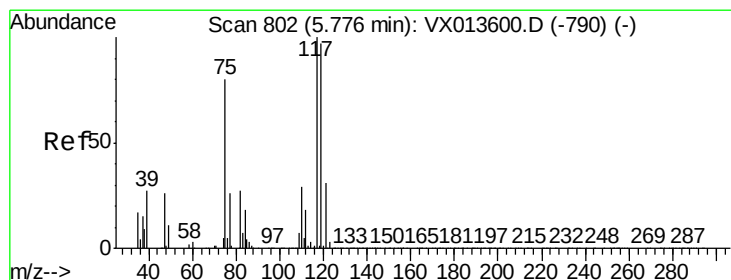
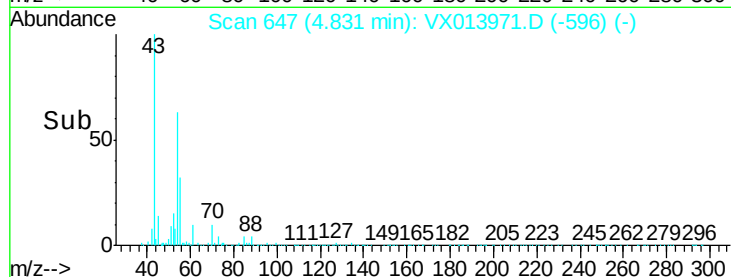
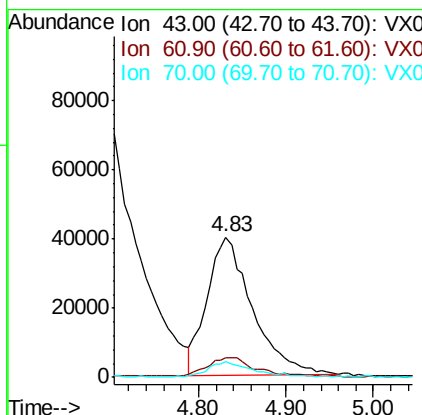
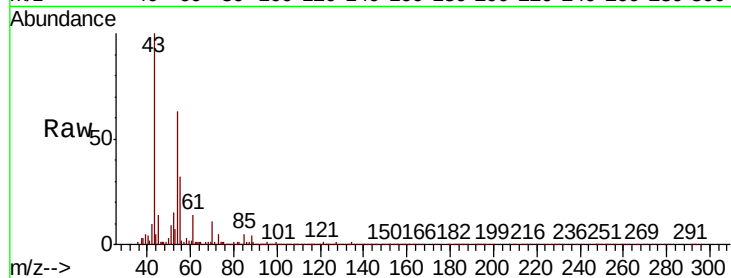
#37
Ethyl Acetate
Concen: 18.819 ug/l
RT: 4.83 min Scan# 647
Delta R.T. 0.01 min
Lab File: VX013971.D
Acq: 12 Dec 2019 13:28

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS03

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	11.0	16.4
70	10.3	8.6	12.8

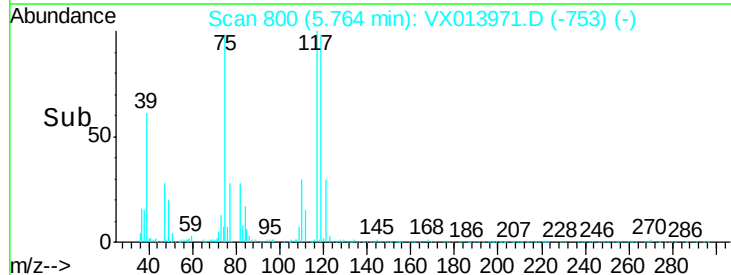
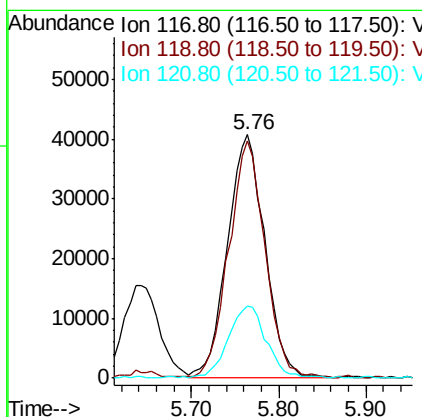
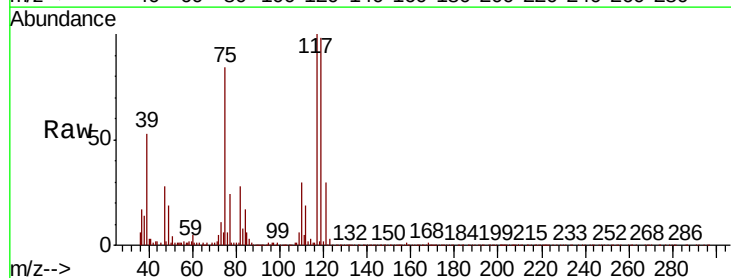
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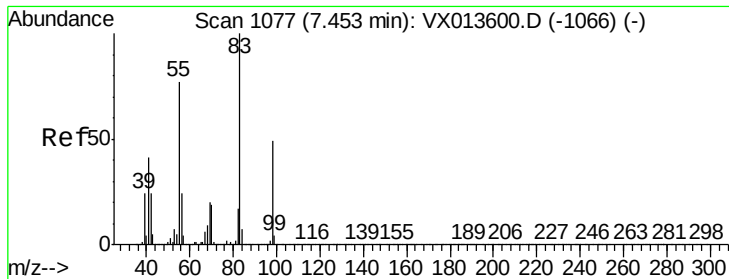
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#38
Carbon Tetrachloride
Concen: 19.182 ug/l
RT: 5.76 min Scan# 800
Delta R.T. -0.01 min
Lab File: VX013971.D
Acq: 12 Dec 2019 13:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.4	77.5	116.3
121	29.2	25.0	37.6





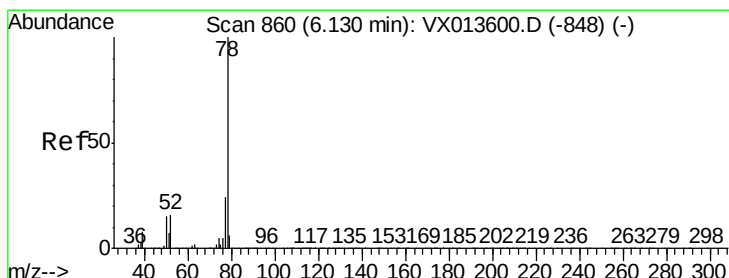
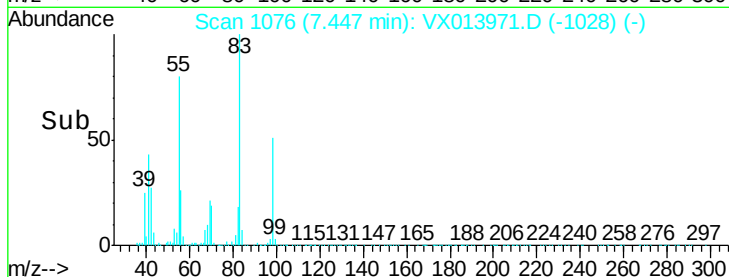
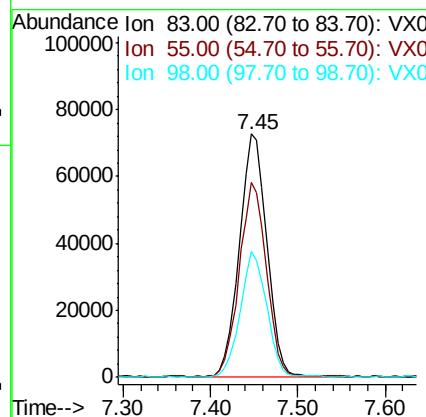
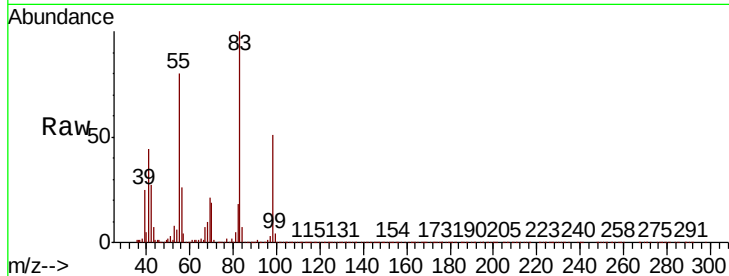
#39
Methylvlcyclohexane
Concen: 19.065 ug/l
RT: 7.45 min Scan# 1076
Delta R.T. -0.01 min
Lab File: VX013971.D
Acq: 12 Dec 2019 13:28

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS03

Tot Ion	Ratio	Resp	Lower	Upper
83	100	160229		
55	80.0		61.9	92.9
98	51.2		39.4	59.0

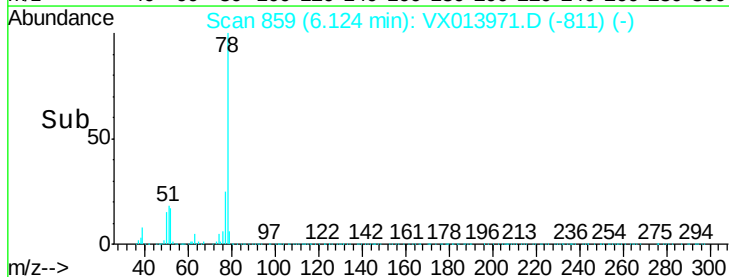
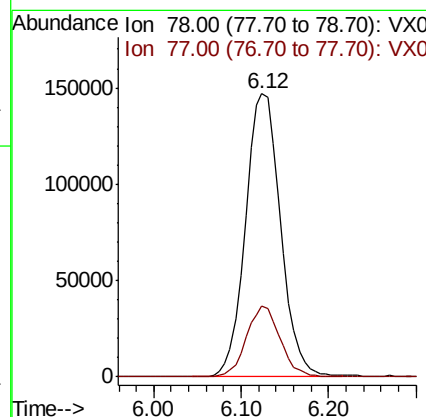
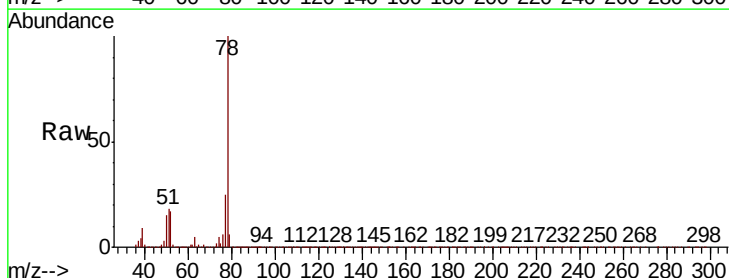
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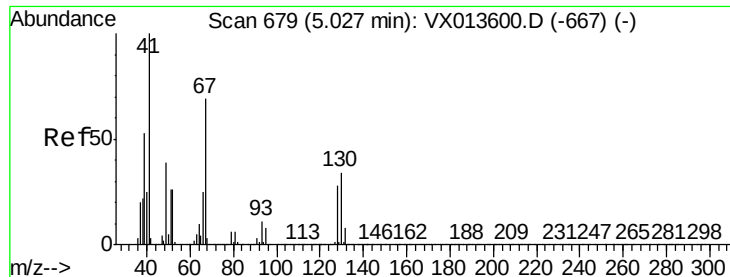
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#40
Benzene
Concen: 19.639 ug/l
RT: 6.12 min Scan# 859
Delta R.T. -0.01 min
Lab File: VX013971.D
Acq: 12 Dec 2019 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	406686		
77	25.1		19.0	28.4





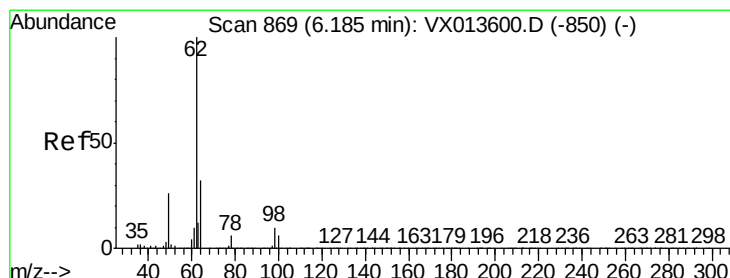
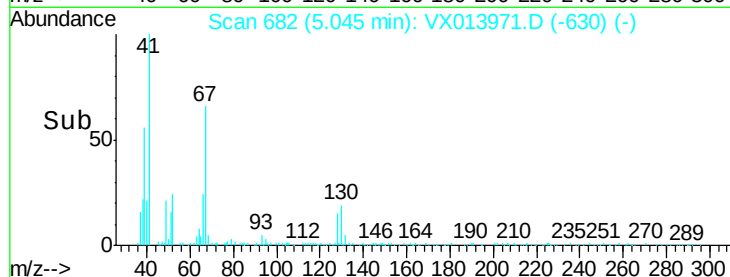
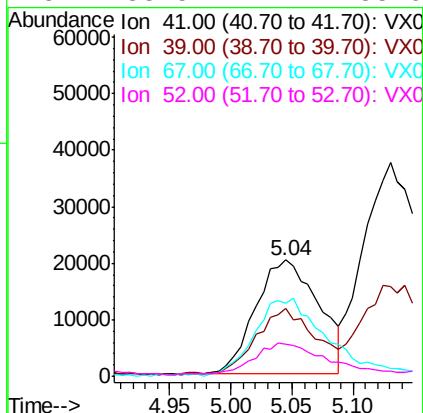
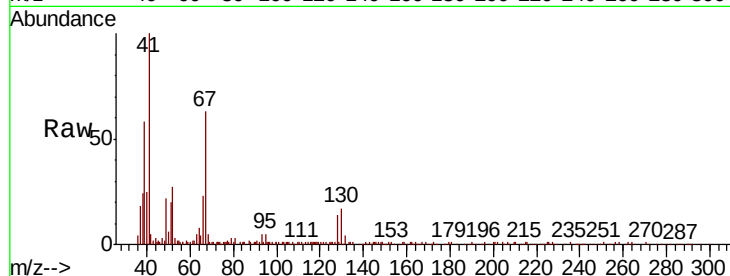
#41
Methacrylonitrile
Concen: 17.383 ug/l
RT: 5.04 min Scan# 682
Delta R.T. 0.02 min
Lab File: VX013971.D
Acq: 12 Dec 2019 13:28

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS03

Tot Ion	Ratio	Lower	Upper
41	100		
39	52.7	42.9	64.3
67	80.0	57.4	86.0
52	33.5	22.4	33.6

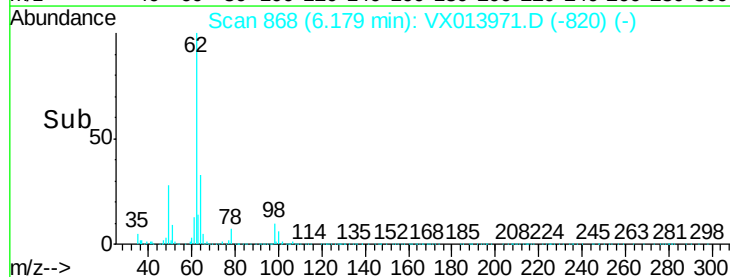
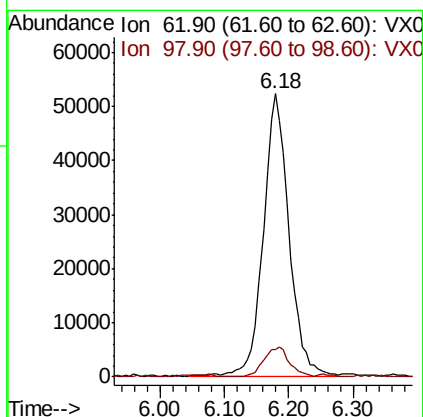
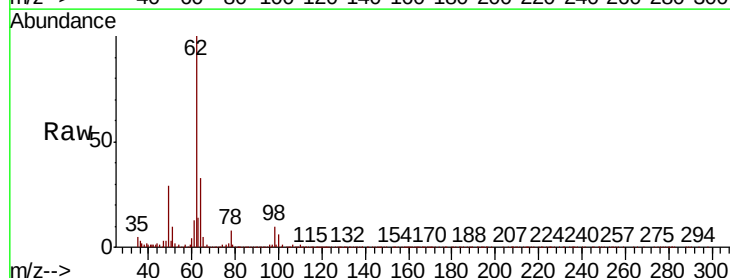
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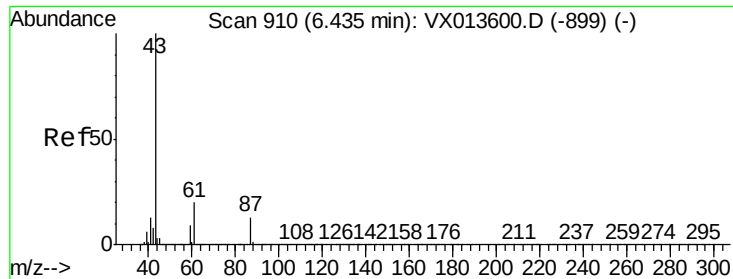
apatel
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#42
1,2-Dichloroethane
Concen: 20.689 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX013971.D
Acq: 12 Dec 2019 13:28

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.8





#43

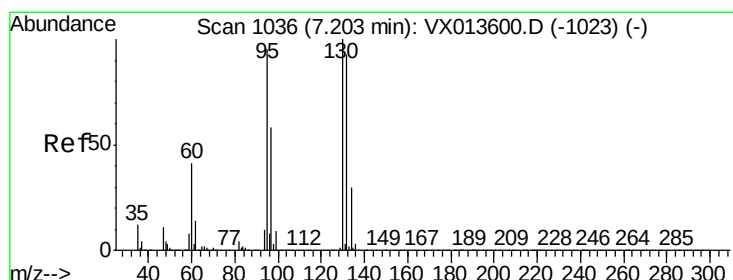
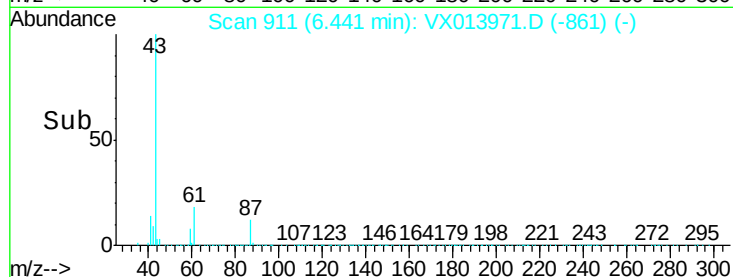
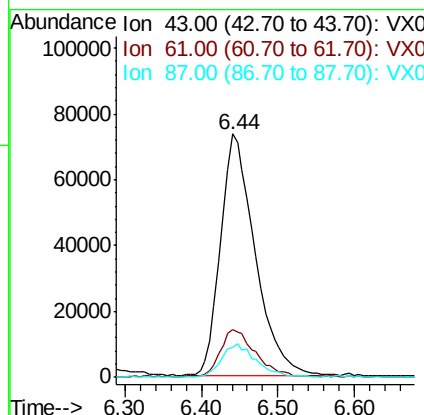
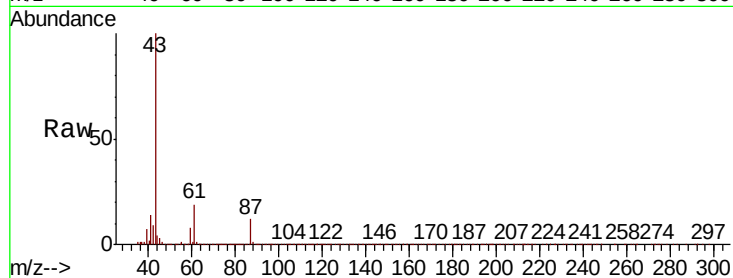
Isopropyl Acetate
 Concen: 18.188 ug/l
 RT: 6.44 min Scan# 911
 Delta R.T. 0.01 min
 Lab File: VX013971.D
 Acq: 12 Dec 2019 13:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS03

Tot Ion	43	Resp	228395
Ion Ratio	Lower	Upper	
43	100		
61	19.8	16.3	24.5
87	13.6	10.8	16.2

Manual Integrations
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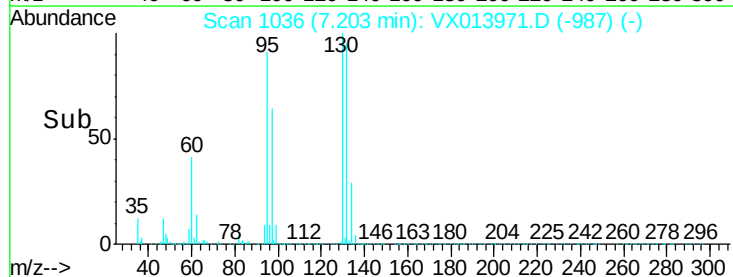
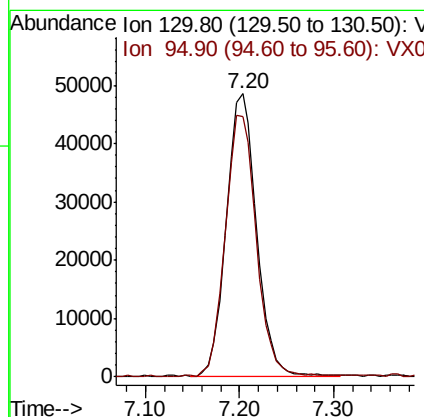
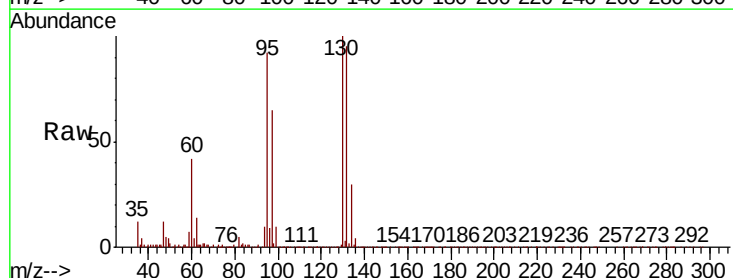
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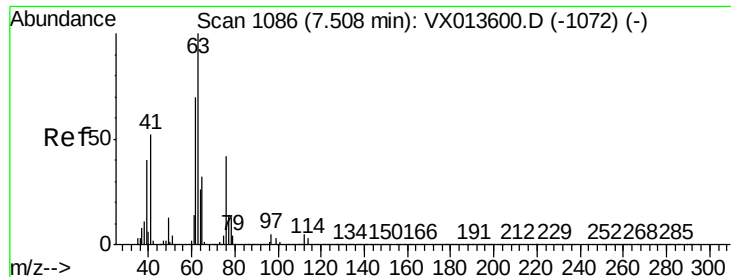


#44

Trichloroethene
 Concen: 18.899 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: VX013971.D
 Acq: 12 Dec 2019 13:28

Tgt Ion	130	Resp	107405
Ion Ratio	Lower	Upper	
130	100		
95	91.9	0.0	190.8





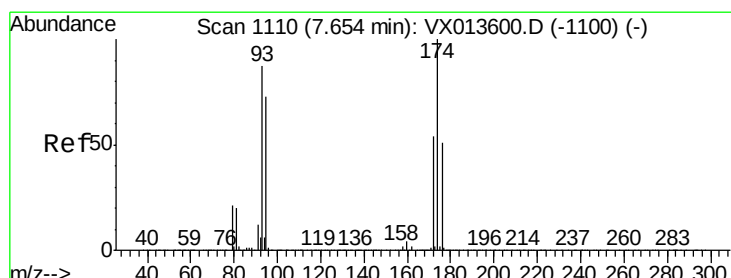
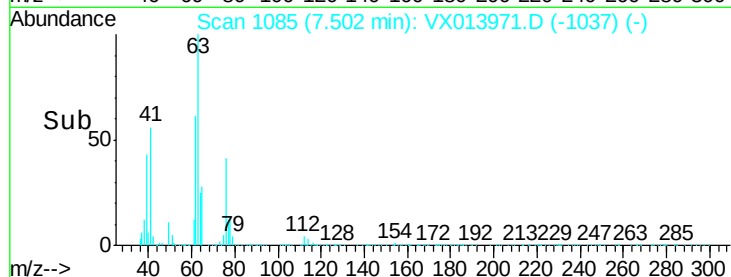
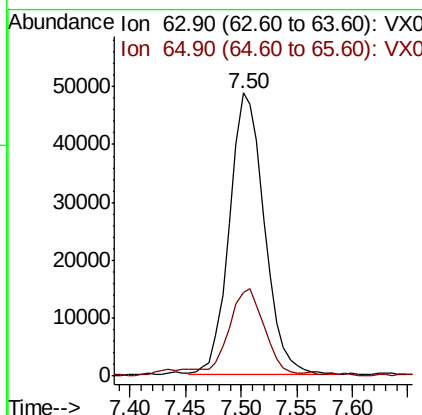
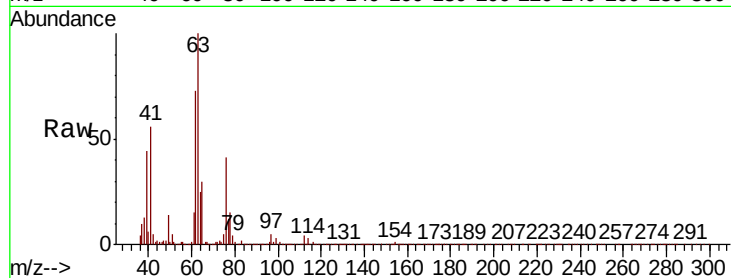
#45
 1,2-Dichloropropane
 Concen: 20.298 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX013971.D
 Acq: 12 Dec 2019 13:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS03

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.3	25.5	38.3

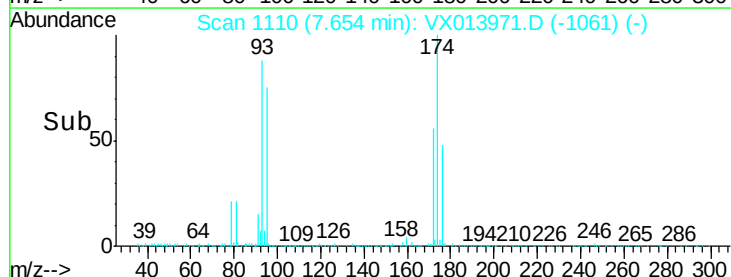
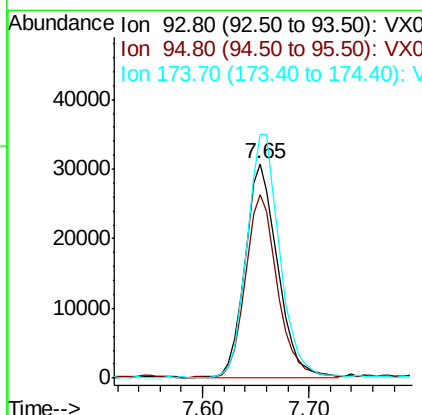
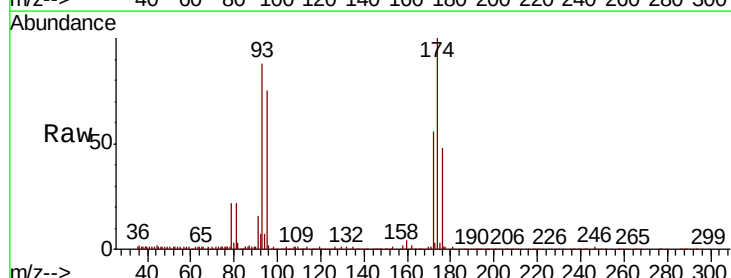
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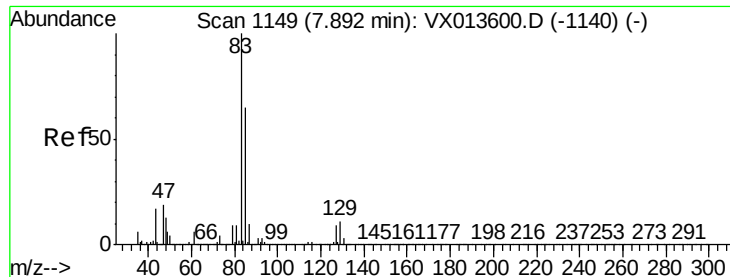
apatel
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#46
 Dibromomethane
 Concen: 18.703 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX013971.D
 Acq: 12 Dec 2019 13:28

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.5	66.2	99.2
174	114.7	93.4	140.0





#47

Bromodichloromethane

Concen: 18.657 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013971.D

Acq: 12 Dec 2019 13:28

Instrument :

MSVOA_X

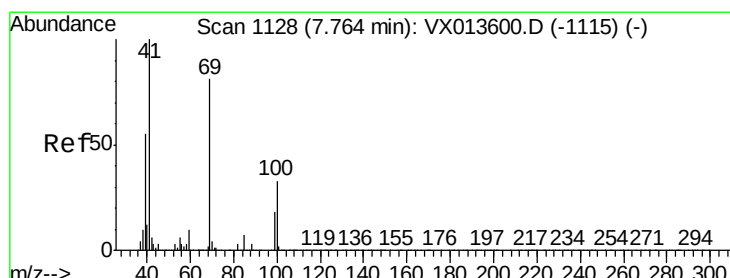
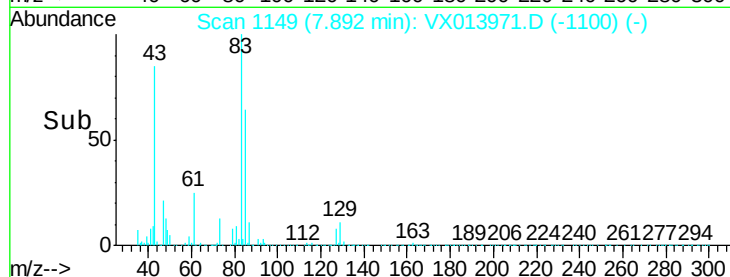
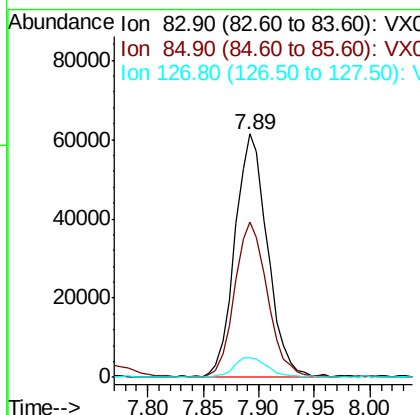
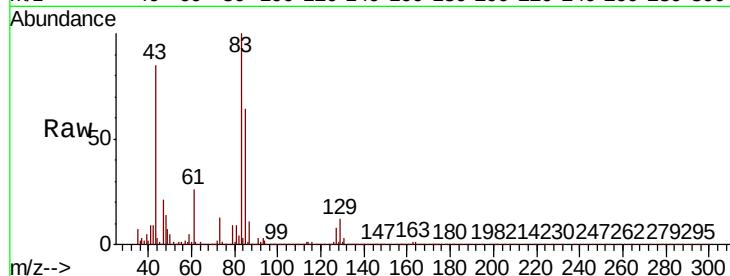
ClientSampleId :

VX1212WBS03

Tot Ion:	83	Resp:	124110
Ion Ratio	Lower	Upper	
83	100		
85	63.7	52.1	78.1
127	7.8	7.0	10.4

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#48

Methyl methacrylate

Concen: 18.678 ug/l

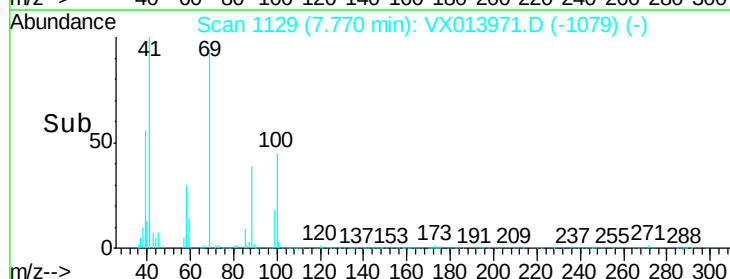
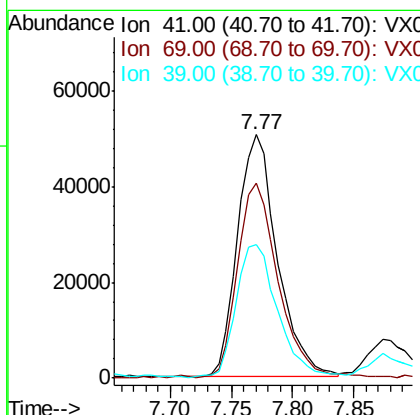
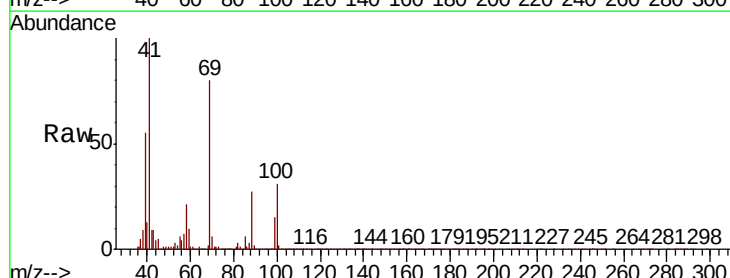
RT: 7.77 min Scan# 1129

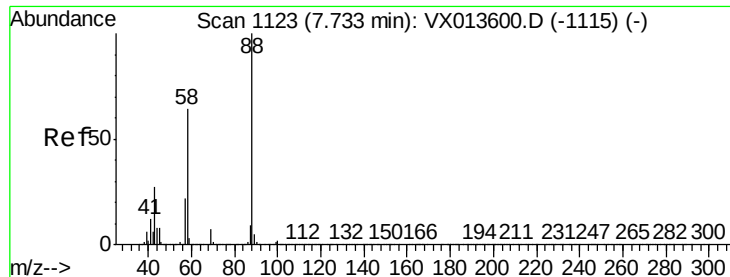
Delta R.T. 0.01 min

Lab File: VX013971.D

Acq: 12 Dec 2019 13:28

Tgt Ion:	41	Resp:	113962
Ion Ratio	Lower	Upper	
41	100		
69	82.0	64.7	97.1
39	56.9	43.8	65.6





#49

1,4-Dioxane

Concen: 317.787 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.03 min

Lab File: VX013971.D

Acq: 12 Dec 2019 13:28

Instrument :

MSVOA_X

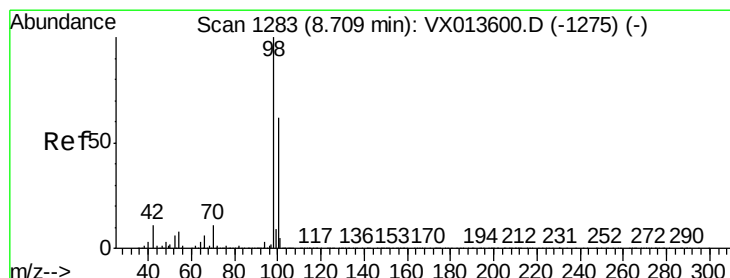
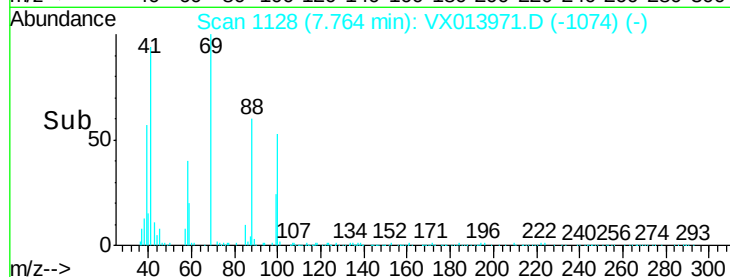
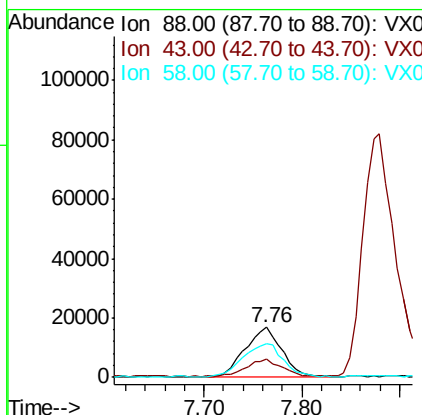
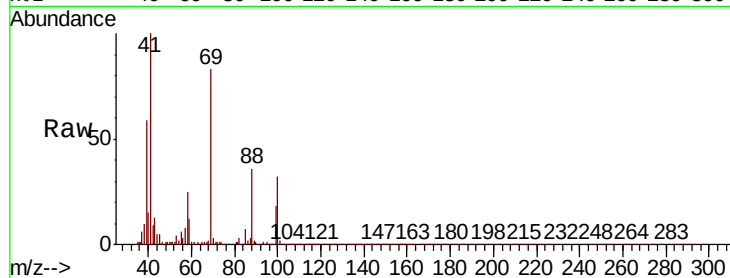
ClientSampleId :

VX1212WBS03

Tot Ion:	88	Resp:	43401
Ion Ratio	Lower	Upper	
88	100		
43	33.4	25.8	38.6
58	73.0	54.6	82.0

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#50

Toluene-d8

Concen: 54.875 ug/l

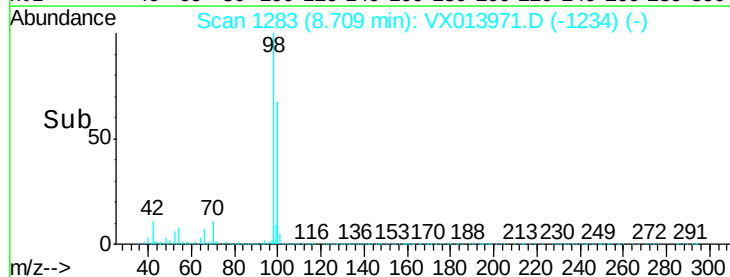
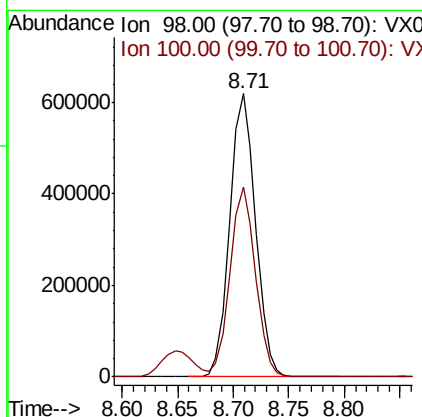
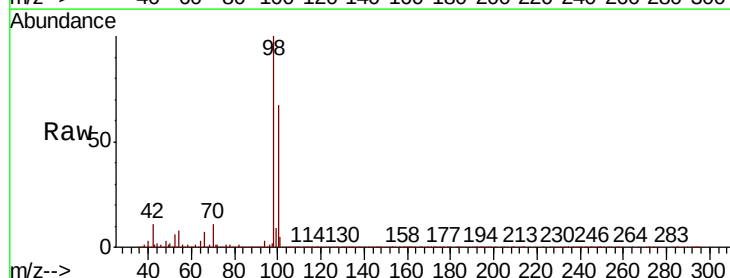
RT: 8.71 min Scan# 1283

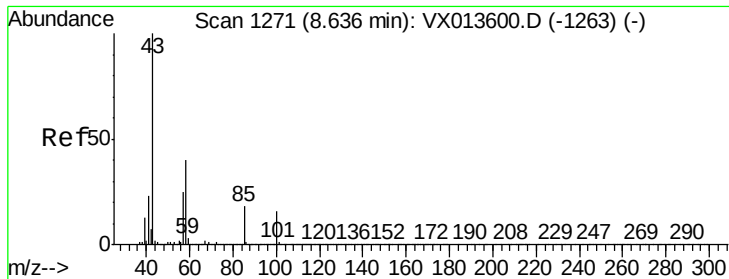
Delta R.T. -0.00 min

Lab File: VX013971.D

Acq: 12 Dec 2019 13:28

Tgt Ion:	98	Resp:	990006
Ion Ratio	Lower	Upper	
98	100		
100	65.9	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 93.422 ug/l

RT: 8.65 min Scan# 1273

Delta R.T. 0.01 min

Lab File: VX013971.D

Acq: 12 Dec 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS03

Tot Ion: 43 Resp: 737935

Ion Ratio Lower Upper

43 100

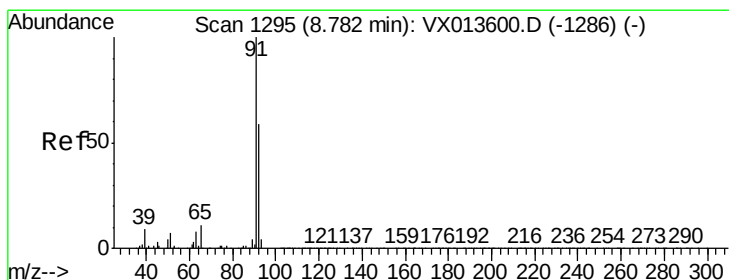
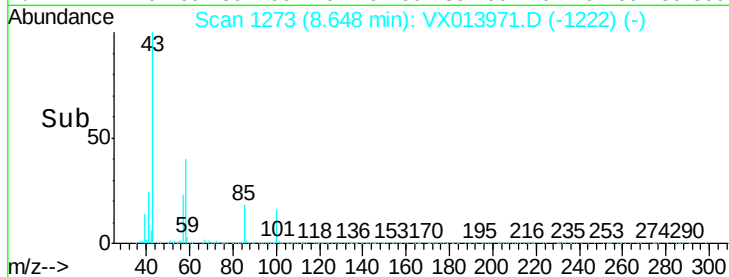
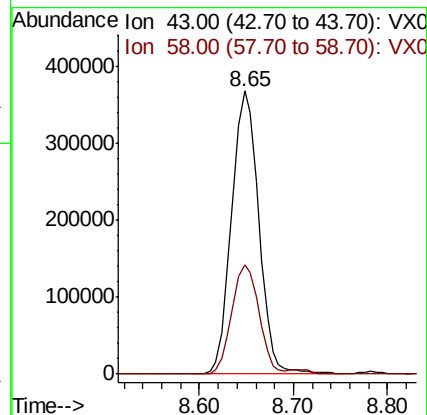
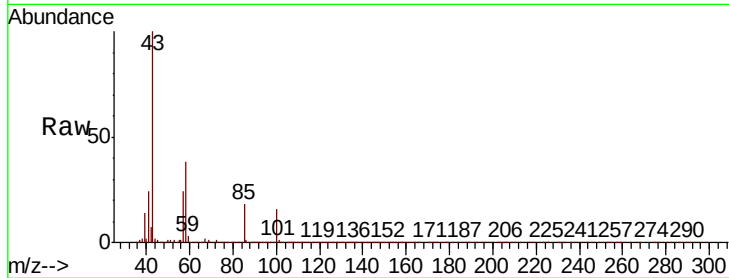
58 38.7 32.1 48.1

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#52

Toluene

Concen: 19.697 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013971.D

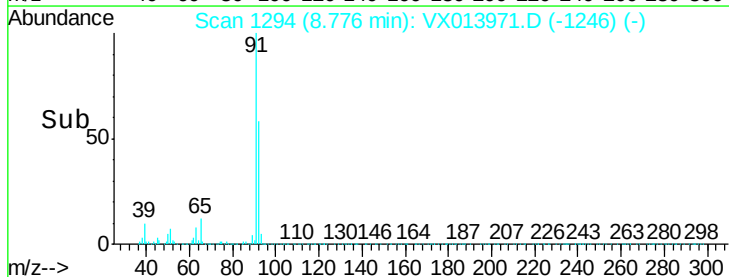
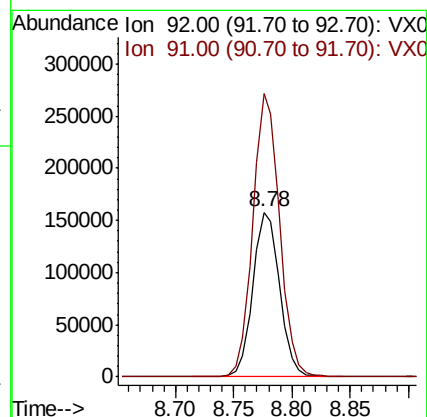
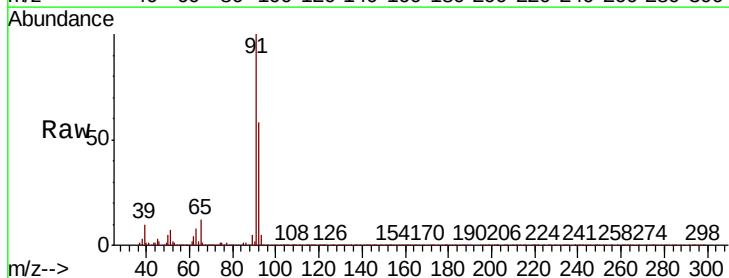
Acq: 12 Dec 2019 13:28

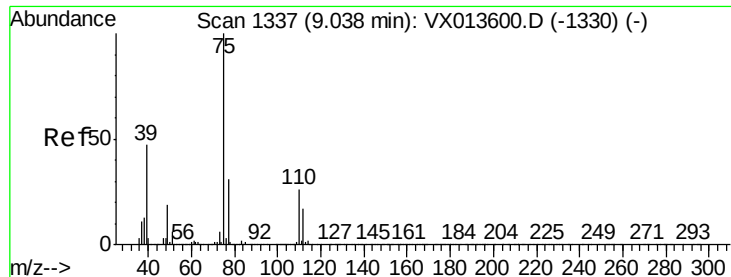
Tgt Ion: 92 Resp: 253398

Ion Ratio Lower Upper

92 100

91 172.0 136.2 204.2





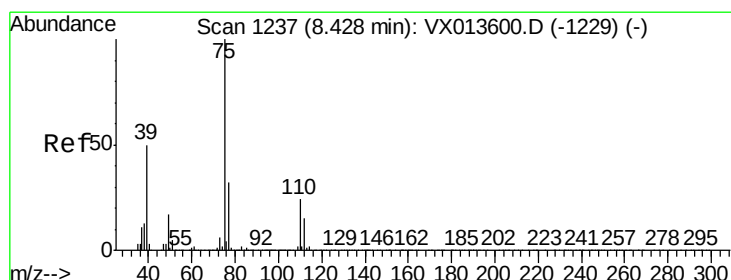
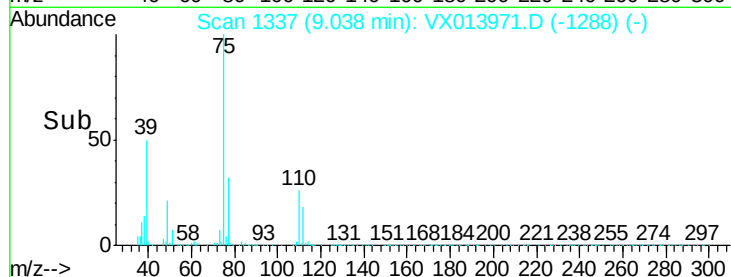
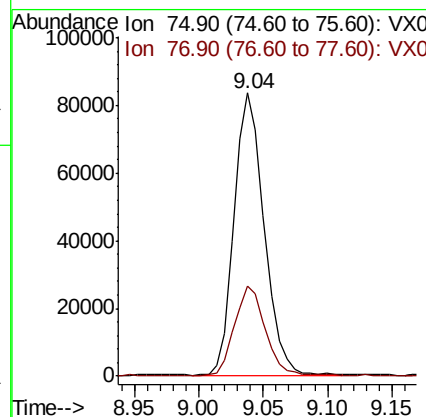
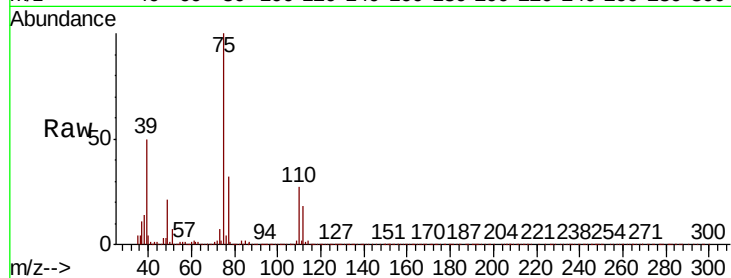
#53
t-1,3-Dichloropropene
Concen: 17.909 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX013971.D
Acq: 12 Dec 2019 13:28

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS03

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.6	24.4	36.6

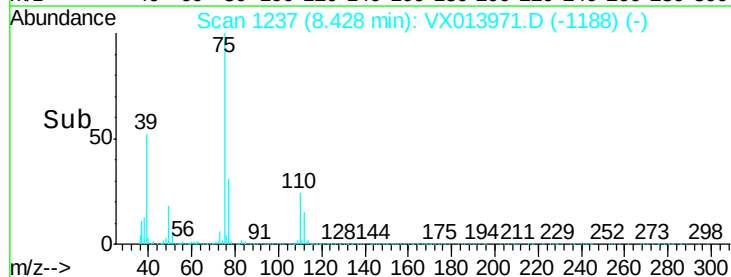
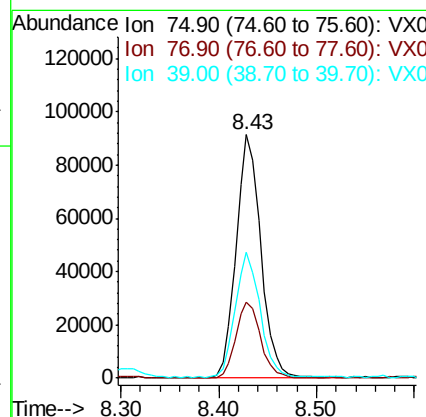
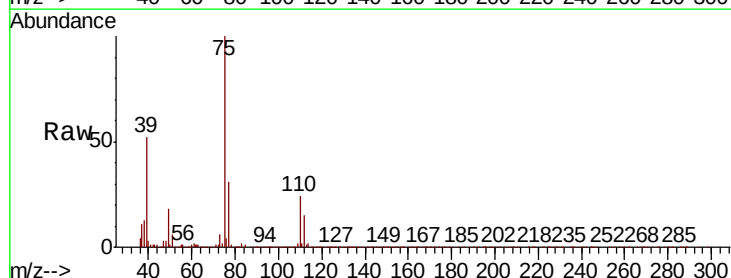
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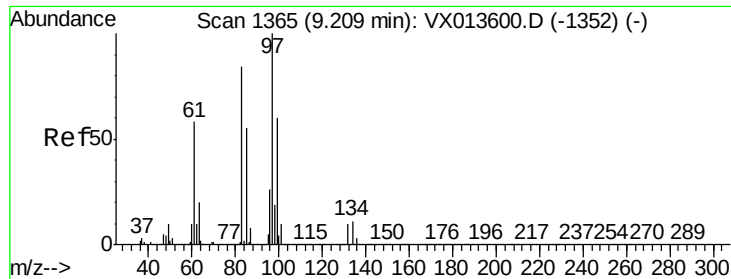
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#54
cis-1,3-Dichloropropene
Concen: 19.320 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013971.D
Acq: 12 Dec 2019 13:28

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.8	38.6
39	51.8	39.9	59.9





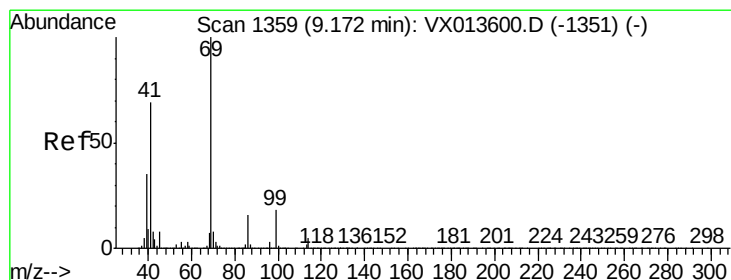
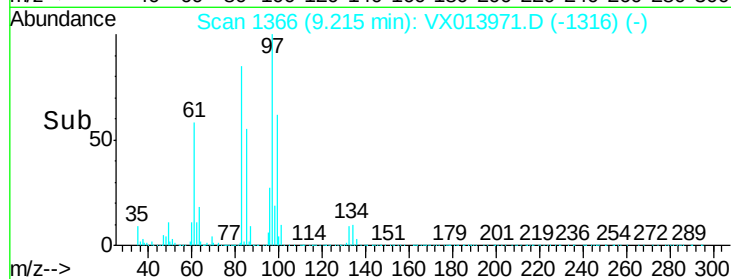
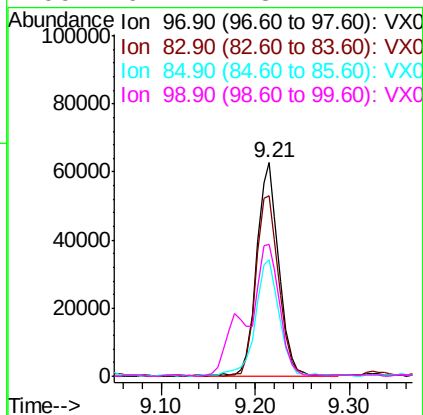
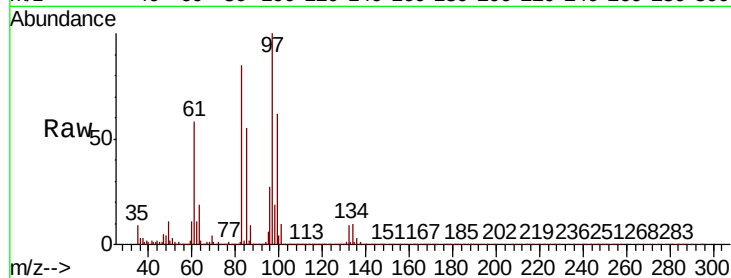
#55
 1,1,2-Trichloroethane
 Concen: 20.219 ug/l
 RT: 9.21 min Scan# 1366
 Delta R.T. 0.01 min
 Lab File: VX013971.D
 Acq: 12 Dec 2019 13:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS03

Tot Ion	Ratio	Lower	Upper
97	100		
83	84.3	67.3	100.9
85	54.5	43.6	65.4
99	61.7	48.2	72.4

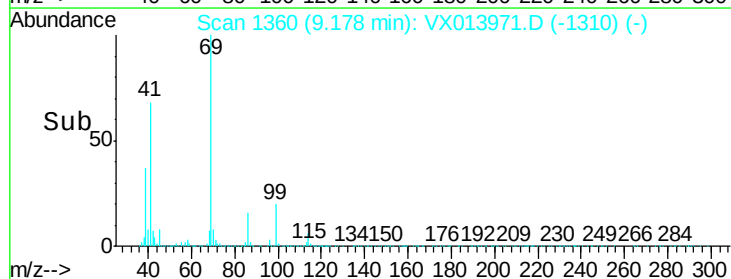
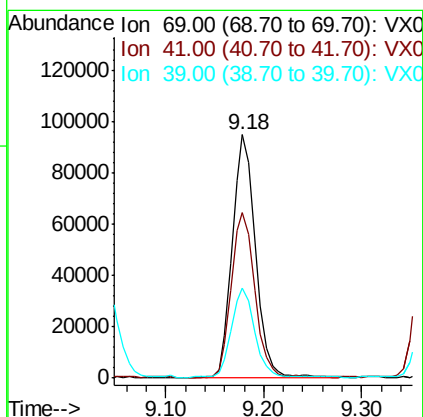
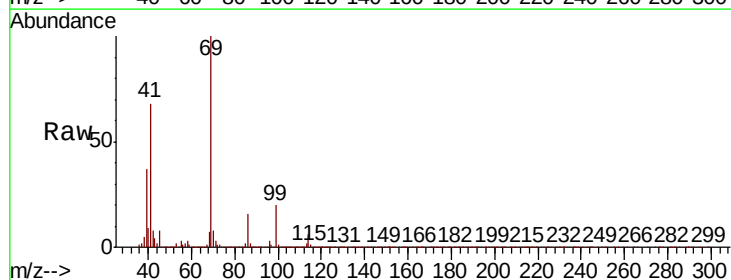
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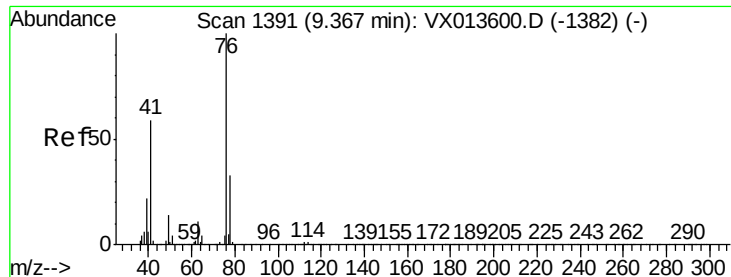
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#56
 Ethyl methacrylate
 Concen: 18.583 ug/l
 RT: 9.18 min Scan# 1360
 Delta R.T. 0.01 min
 Lab File: VX013971.D
 Acq: 12 Dec 2019 13:28

Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.8	55.0	82.4
39	37.0	28.7	43.1





#57

1,3-Dichloropropane

Concen: 20.143 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013971.D

Acq: 12 Dec 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS03

Tot Ion: 76 Resp: 179991

Ion Ratio Lower Upper

76 100

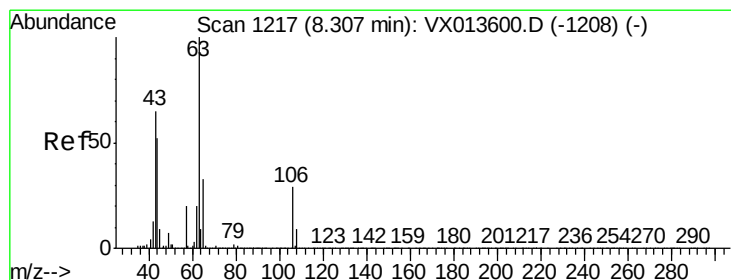
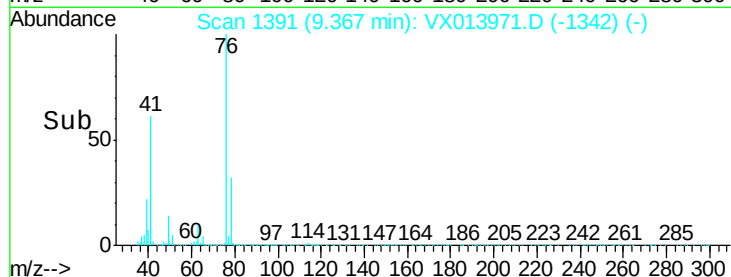
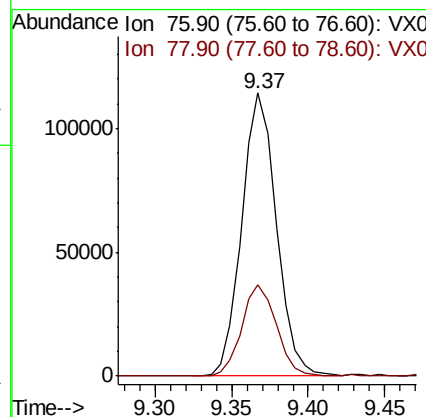
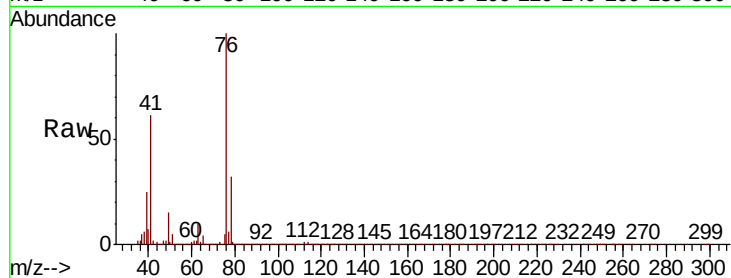
78 32.4 26.0 39.0

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#58

2-Chloroethyl Vinyl ether

Concen: 99.457 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX013971.D

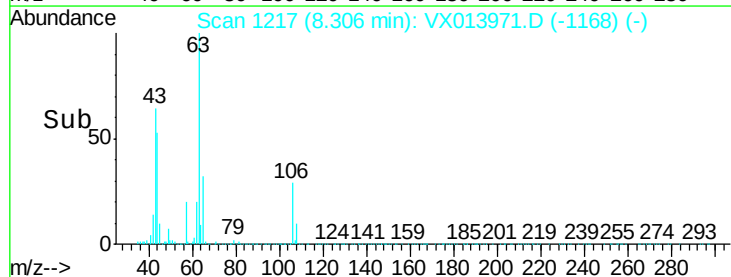
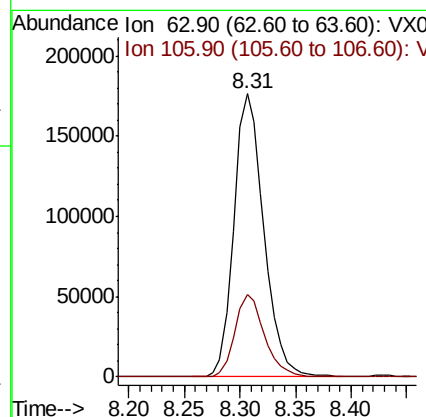
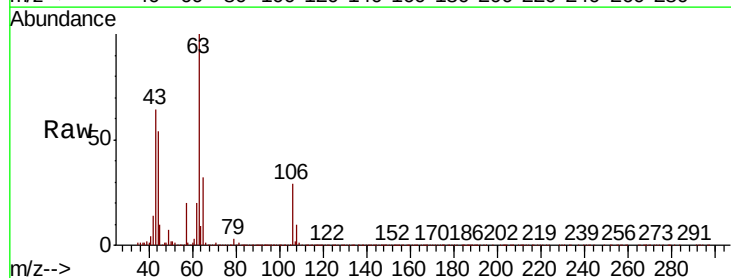
Acq: 12 Dec 2019 13:28

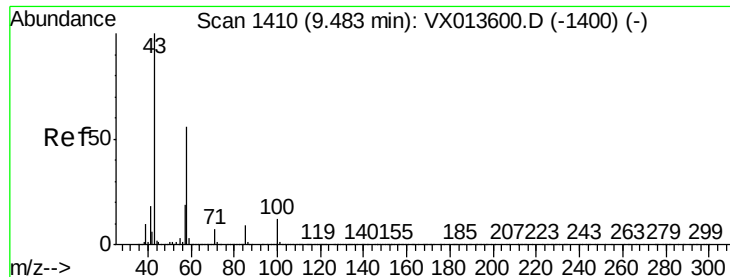
Tgt Ion: 63 Resp: 325017

Ion Ratio Lower Upper

63 100

106 28.8 23.4 35.0





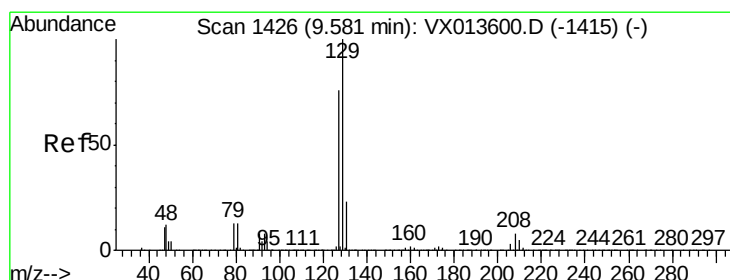
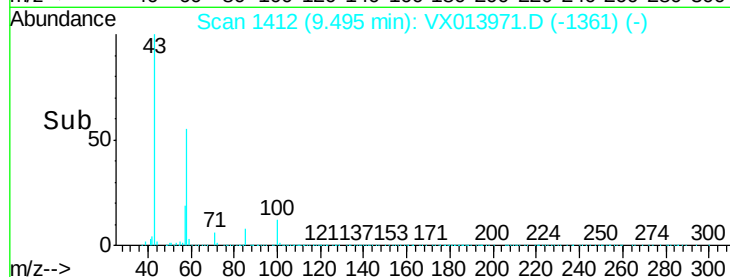
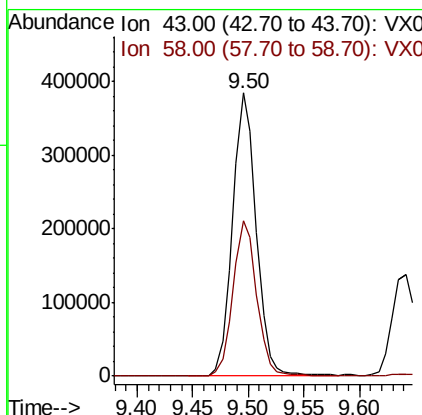
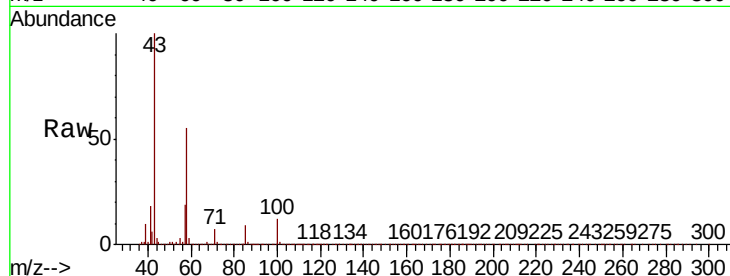
#59
2-Hexanone
Concen: 91.815 ug/l
RT: 9.50 min Scan# 1412
Delta R.T. 0.01 min
Lab File: VX013971.D
Acq: 12 Dec 2019 13:28

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS03

Tot Ion: 43 Resp: 565634
Ion Ratio Lower Upper
43 100
58 54.8 28.1 84.4

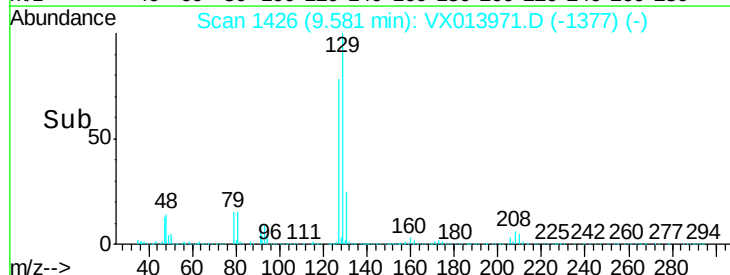
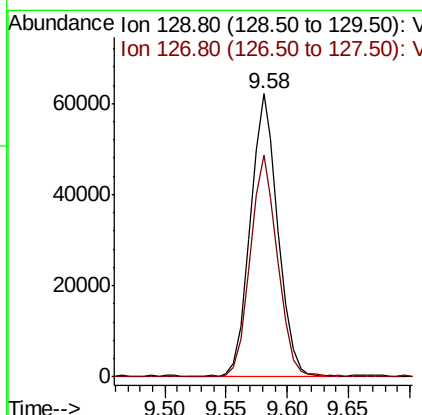
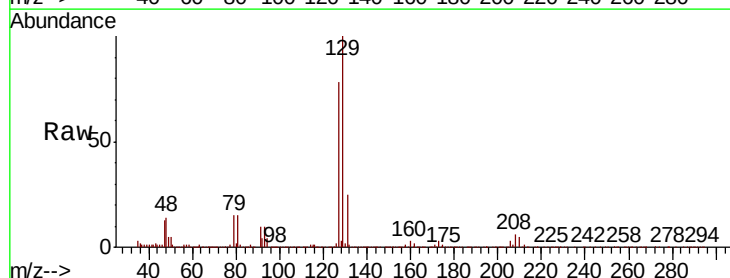
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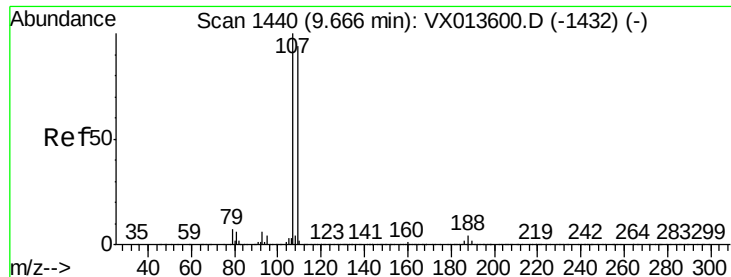
apatel
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#60
Dibromochloromethane
Concen: 18.014 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. -0.00 min
Lab File: VX013971.D
Acq: 12 Dec 2019 13:28

Tgt Ion: 129 Resp: 96916
Ion Ratio Lower Upper
129 100
127 78.5 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.312 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013971.D

Acq: 12 Dec 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS03

Tot Ion: 107 Resp: 106927

Ion Ratio Lower Upper

107 100

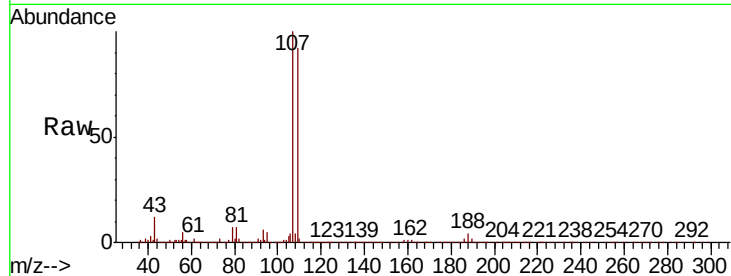
109 92.6 76.1 114.1

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

80000

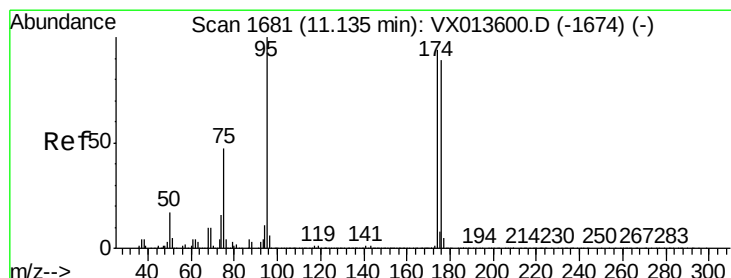
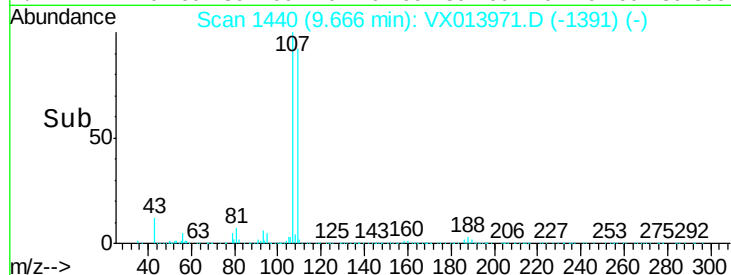
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 55.686 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013971.D

Acq: 12 Dec 2019 13:28

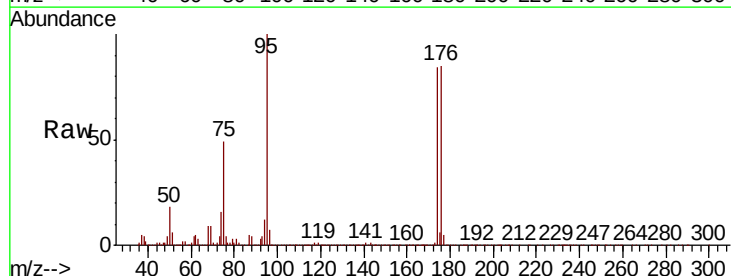
Tgt Ion: 95 Resp: 362272

Ion Ratio Lower Upper

95 100

174 87.5 0.0 180.0

176 85.8 0.0 173.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

400000

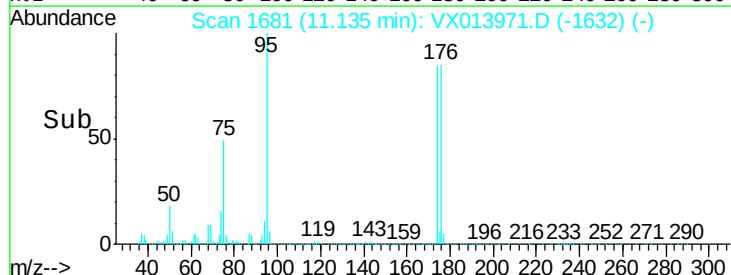
300000

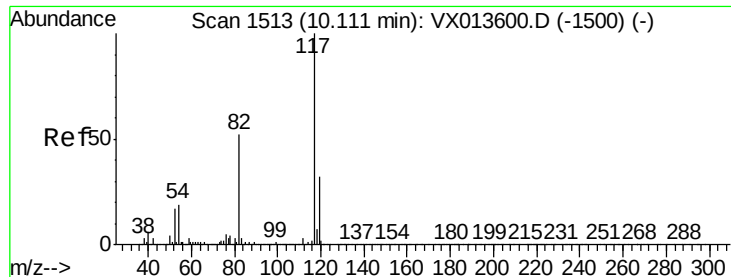
200000

100000

0

Time-->





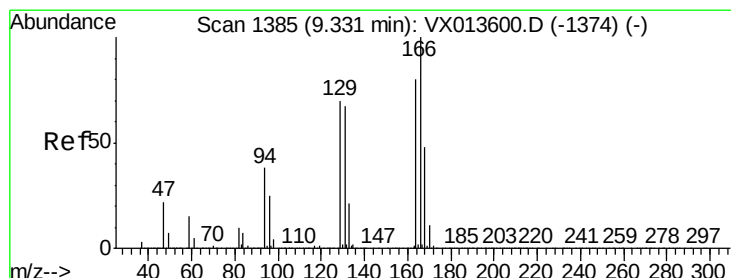
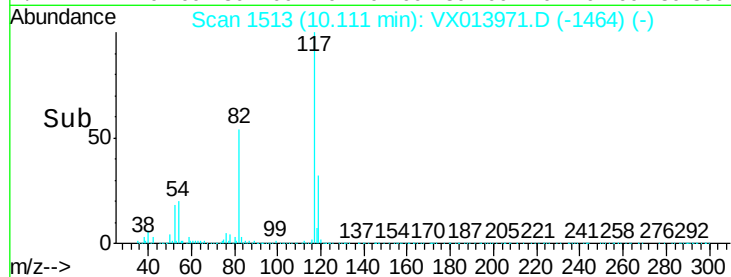
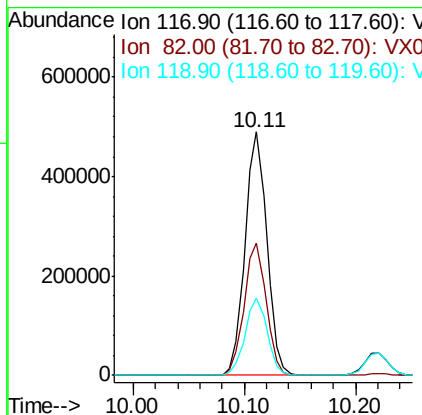
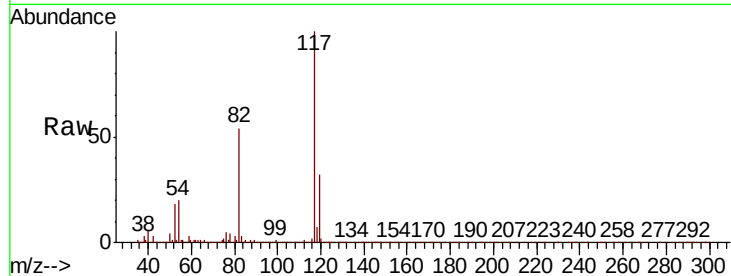
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013971.D
Acq: 12 Dec 2019 13:28

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS03

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	54.1	41.8	62.8
119	32.0	25.8	38.8

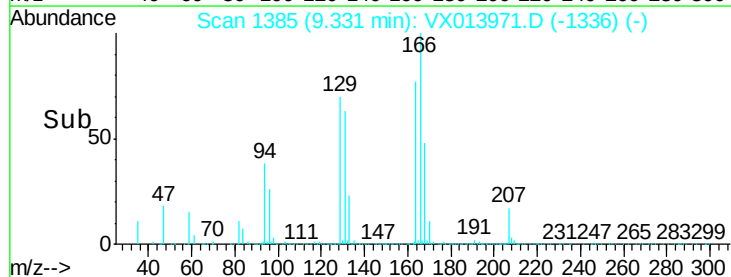
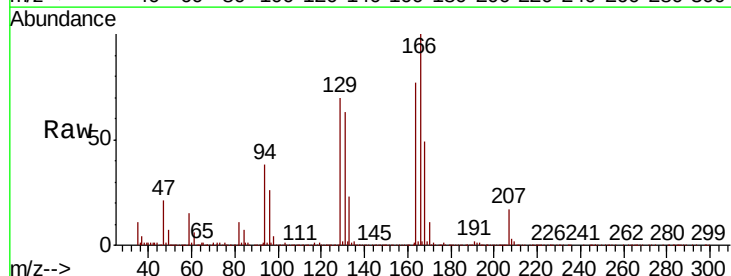
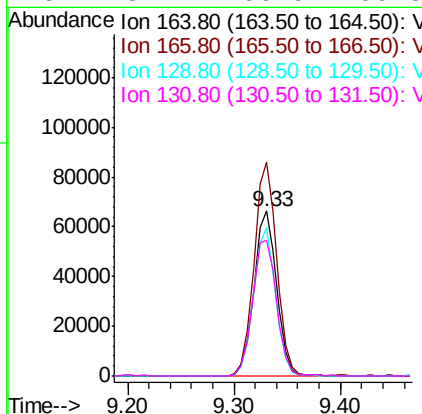
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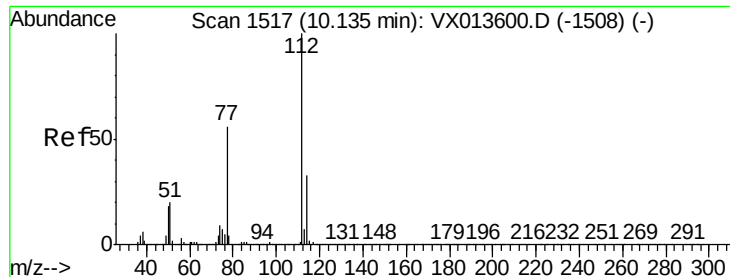
apatel
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#64
Tetrachloroethene
Concen: 19.767 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013971.D
Acq: 12 Dec 2019 13:28

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
166	129.9	99.7	149.5
129	90.4	70.1	105.1
131	82.1	66.9	100.3





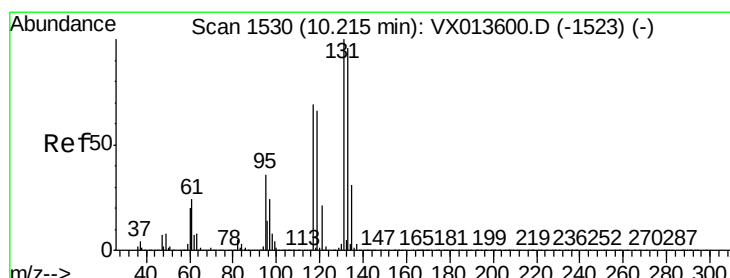
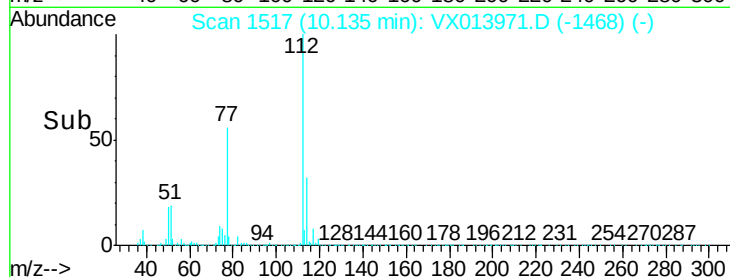
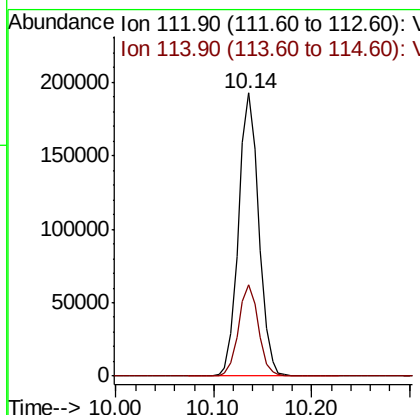
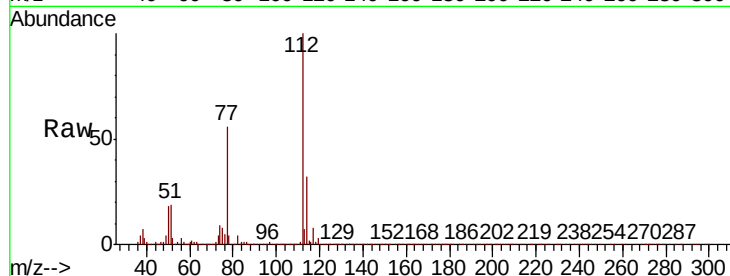
#65
Chlorobenzene
Concen: 20.000 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013971.D
Acq: 12 Dec 2019 13:28

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS03

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.2	26.1	39.1

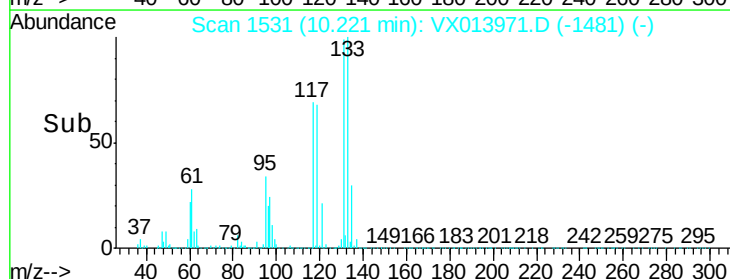
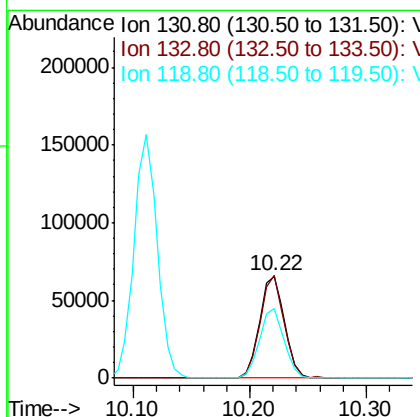
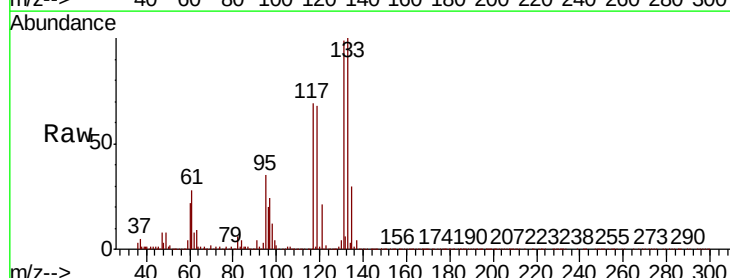
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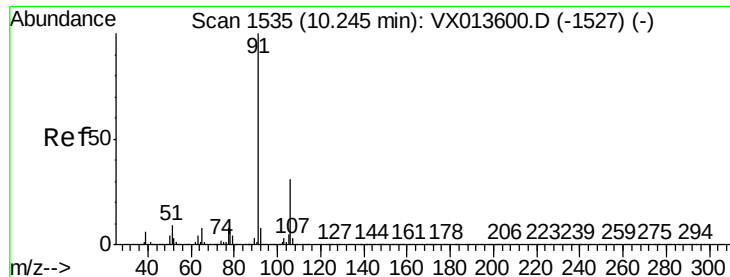
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.570 ug/l
RT: 10.22 min Scan# 1531
Delta R.T. 0.01 min
Lab File: VX013971.D
Acq: 12 Dec 2019 13:28

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.6	47.7	143.1
119	67.3	32.9	98.6





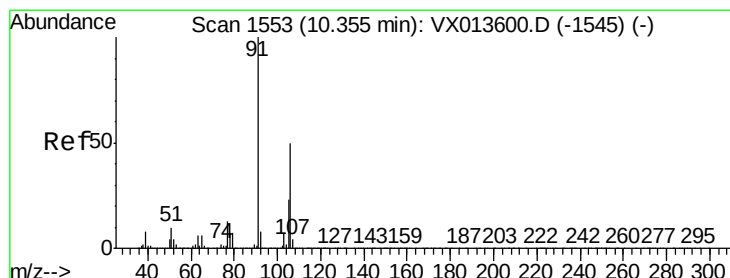
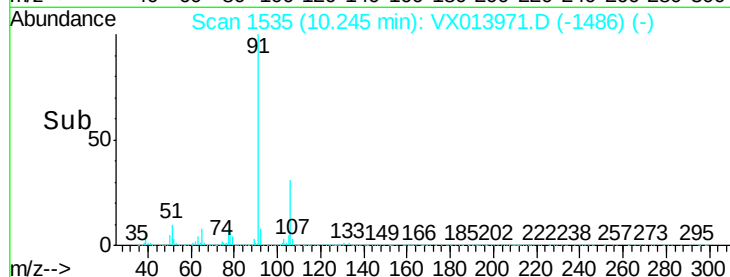
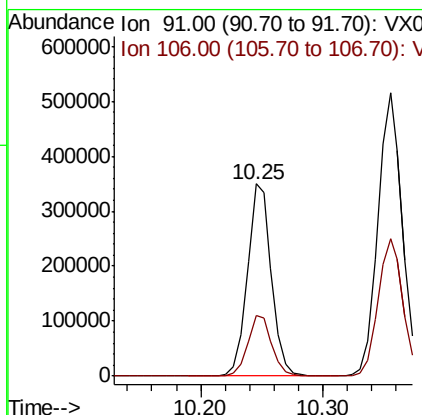
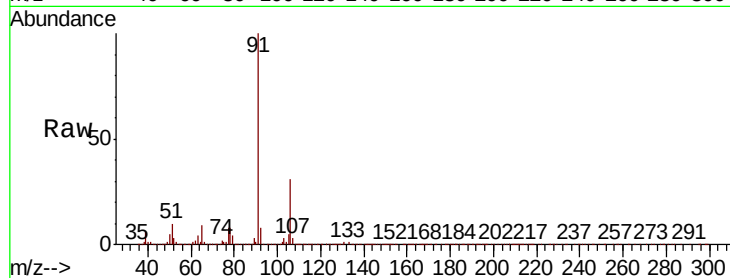
#67
Ethyl Benzene
Concen: 19.843 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX013971.D
Acq: 12 Dec 2019 13:28

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS03

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.3	24.5	36.7

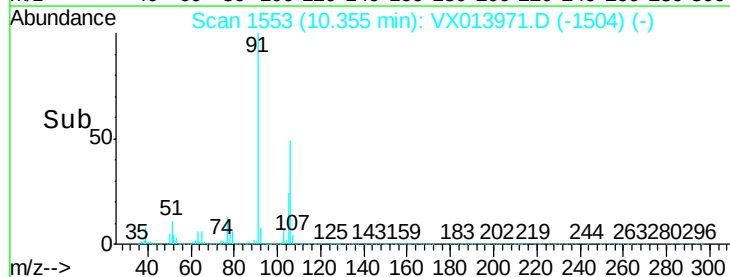
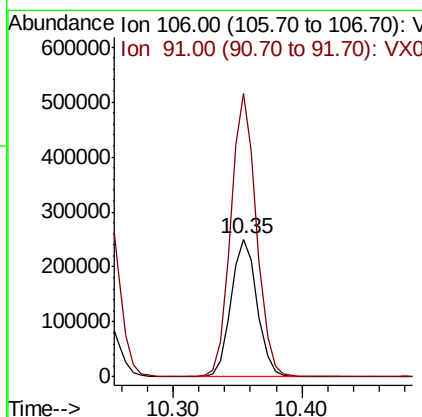
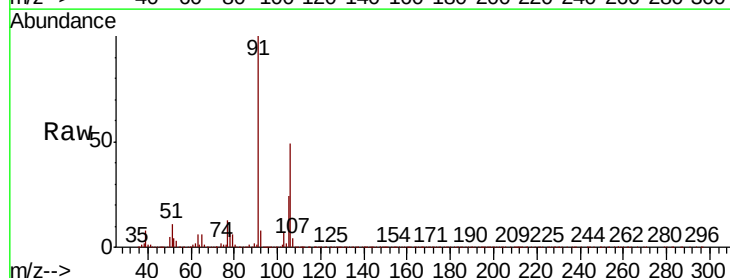
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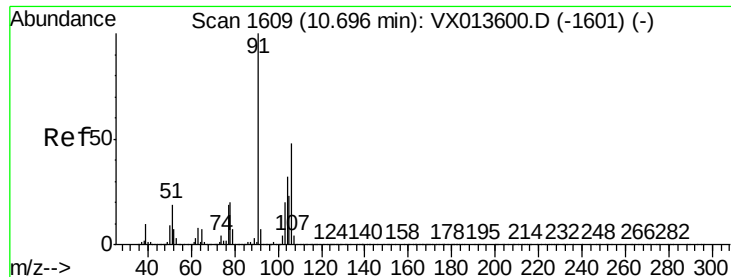
apatel
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#68
m/p-Xylenes
Concen: 38.782 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013971.D
Acq: 12 Dec 2019 13:28

Tgt Ion	Ratio	Lower	Upper
106	100		
91	201.6	159.0	238.4





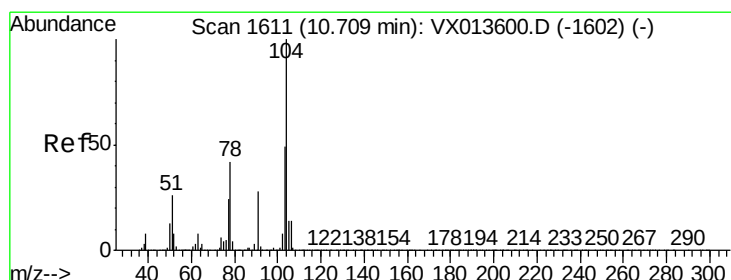
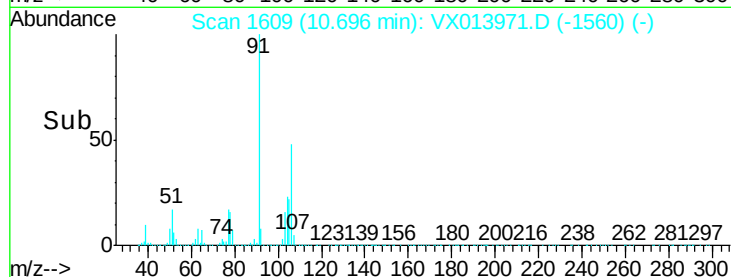
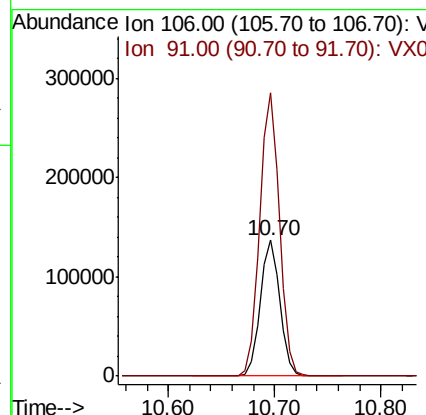
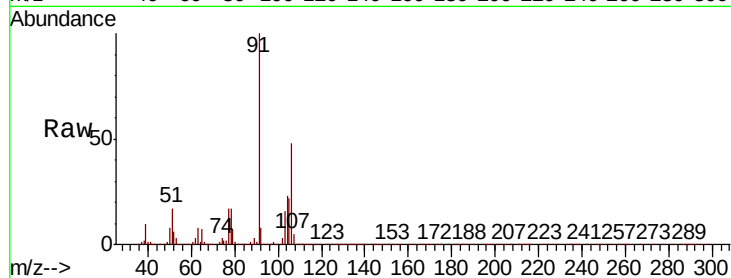
#69
o-Xylene
Concen: 19.865 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013971.D
Acq: 12 Dec 2019 13:28

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS03

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.1	104.1	312.2

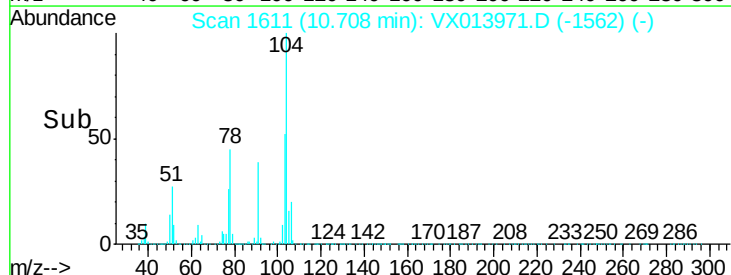
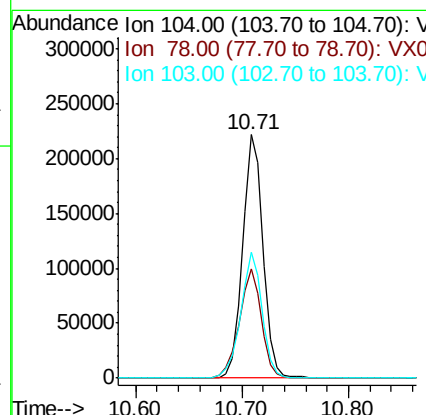
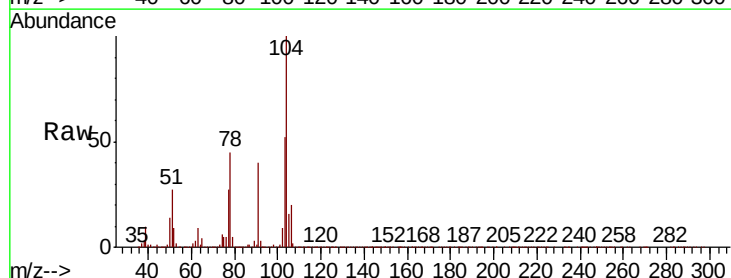
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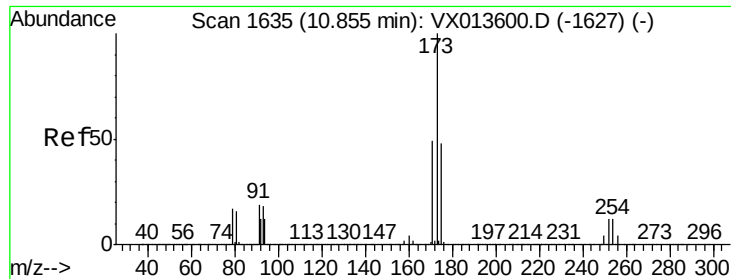
apatel
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#70
Styrene
Concen: 19.965 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013971.D
Acq: 12 Dec 2019 13:28

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.5	38.5	57.7
103	54.0	43.7	65.5





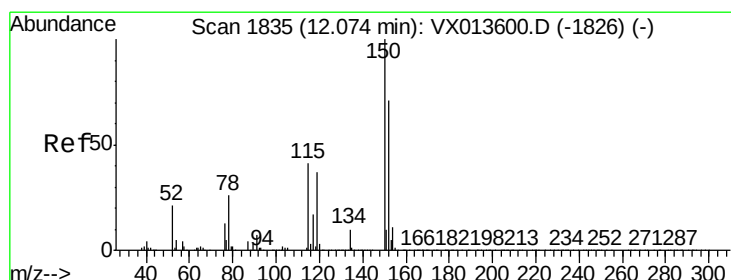
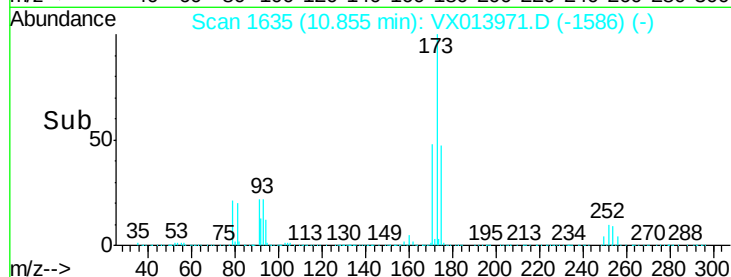
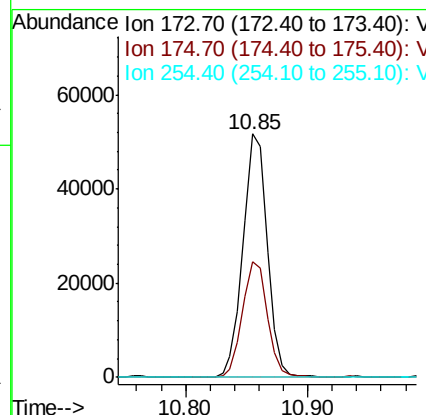
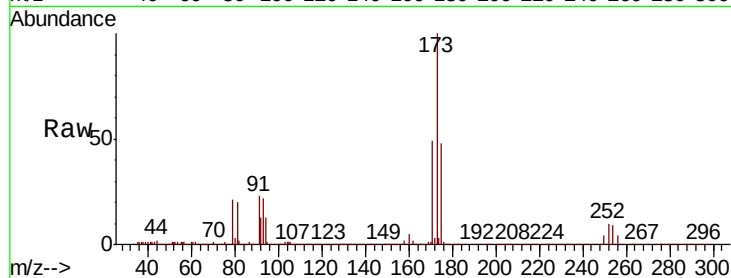
#71
Bromoform
Concen: 17.194 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX013971.D
Acq: 12 Dec 2019 13:28

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS03

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.5	24.3	72.8
254	0.3	0.2	0.4

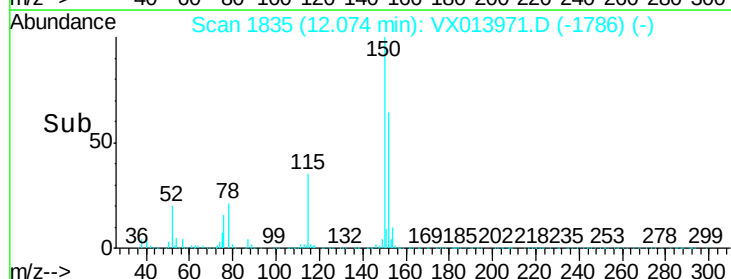
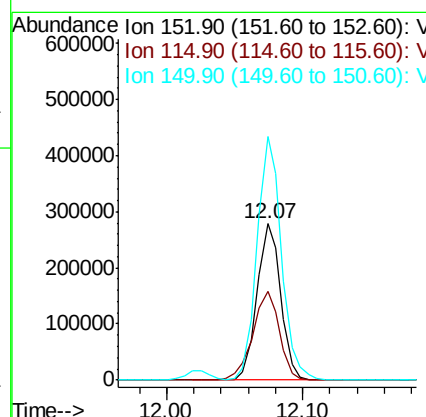
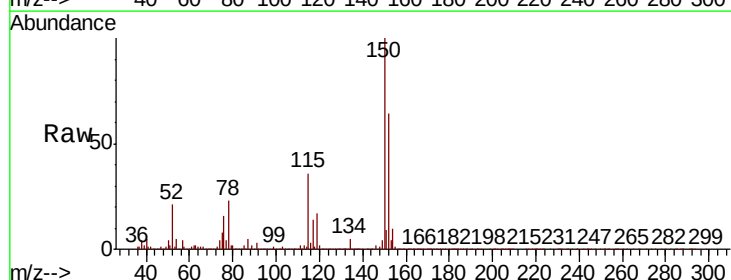
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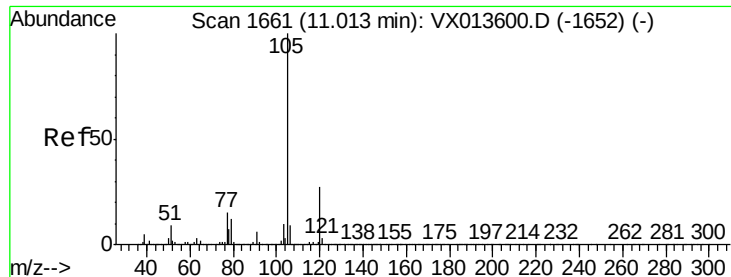
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013971.D
Acq: 12 Dec 2019 13:28

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.9	38.4	115.1
150	161.8	0.0	346.8





#73

Isopropylbenzene

Concen: 19.536 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013971.D

Acq: 12 Dec 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS03

Tot Ion: 105 Resp: 465630

Ion Ratio Lower Upper

105 100

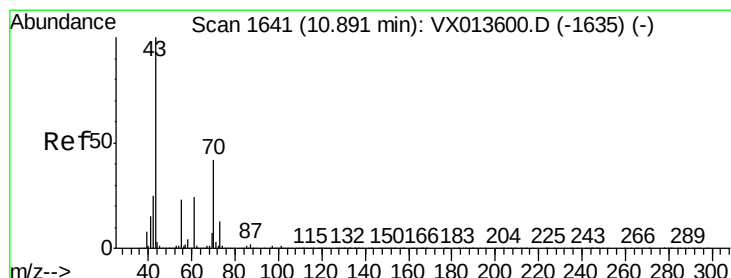
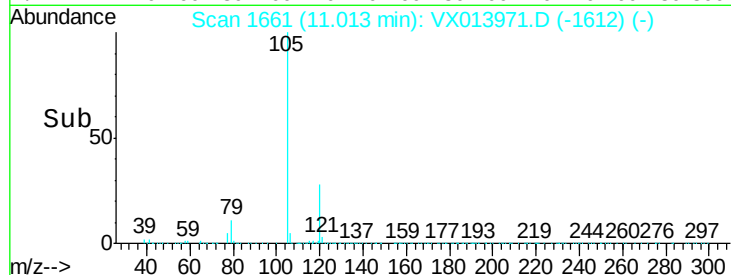
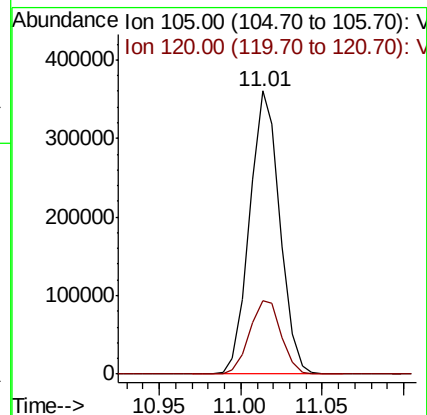
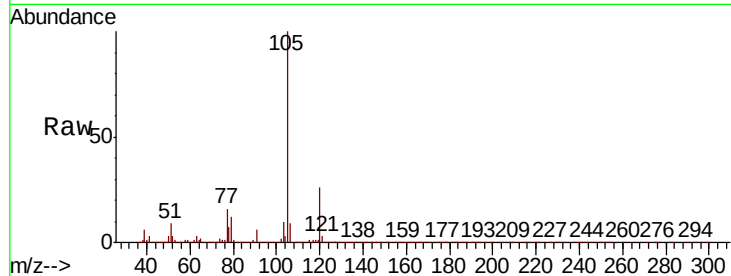
120 27.3 13.5 40.5

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#74

N-ethyl acetate

Concen: 18.561 ug/l

RT: 10.90 min Scan# 1642

Delta R.T. 0.01 min

Lab File: VX013971.D

Acq: 12 Dec 2019 13:28

Tgt Ion: 43 Resp: 202654

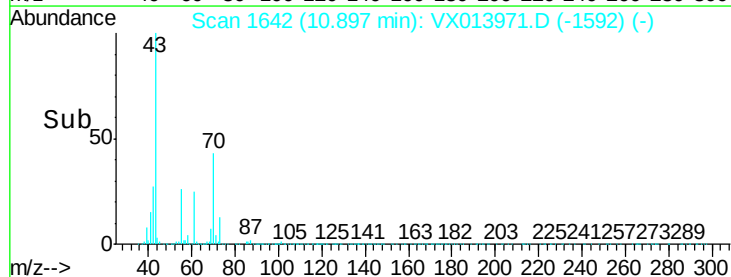
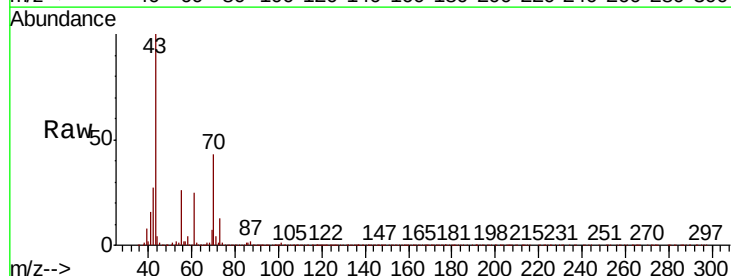
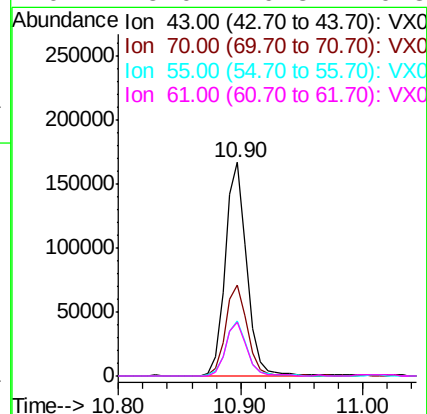
Ion Ratio Lower Upper

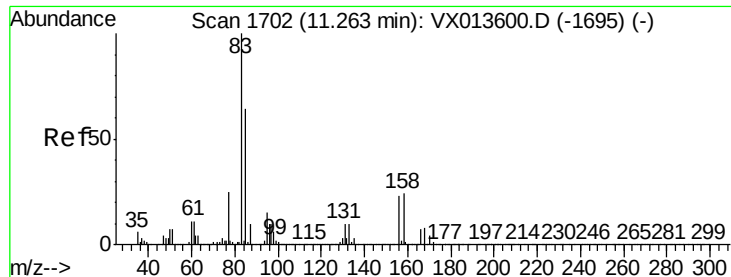
43 100

70 42.8 34.3 51.5

55 24.9 18.5 27.7

61 25.0 19.8 29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 20.123 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013971.D

Acq: 12 Dec 2019 13:28

Instrument :

MSVOA_X

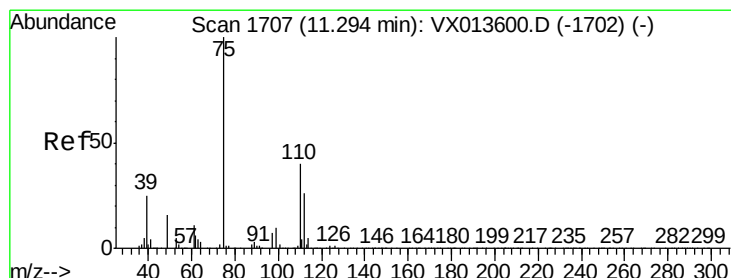
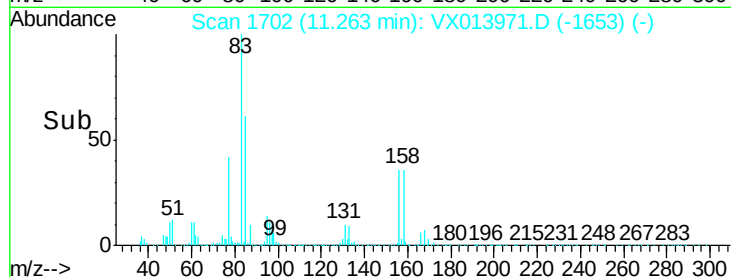
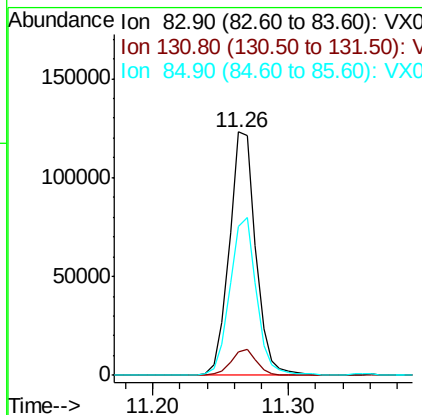
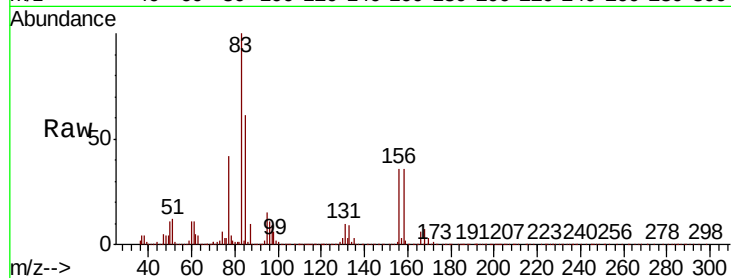
ClientSampleId :

VX1212WBS03

Tot Ion:	83	Resp:	166324
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.1	15.3
85	64.5	31.8	95.3

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#76

1,2,3-Trichloropropane

Concen: 17.978 ug/l m

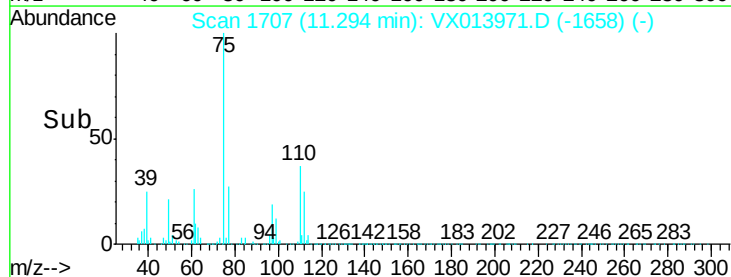
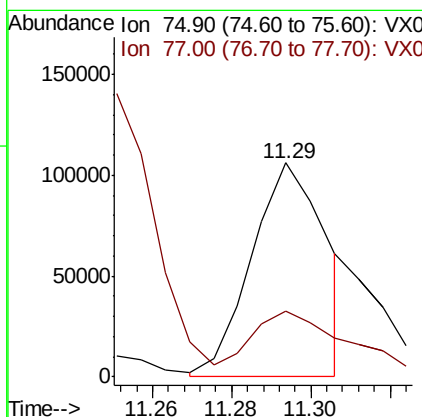
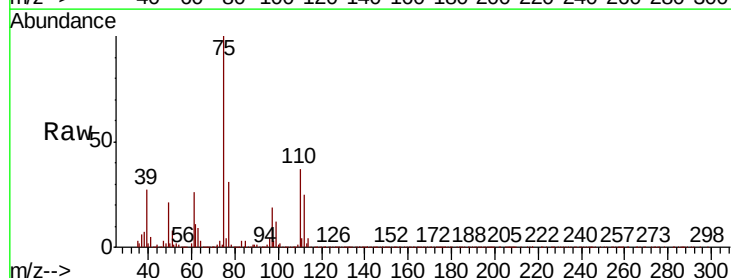
RT: 11.29 min Scan# 1707

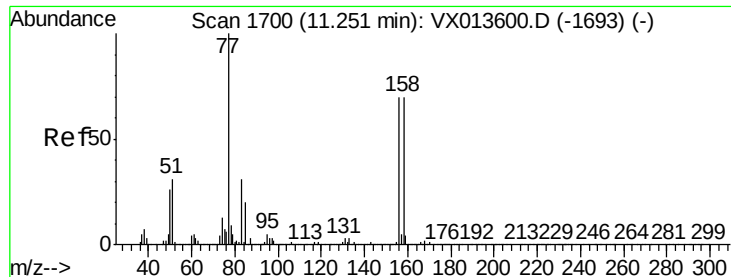
Delta R.T. -0.00 min

Lab File: VX013971.D

Acq: 12 Dec 2019 13:28

Tgt Ion:	75	Resp:	137389
Ion Ratio	Lower	Upper	
75	100		
77	40.7	19.1	57.5





#77

Bromobenzene

Concen: 19.002 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013971.D

Acq: 12 Dec 2019 13:28

Instrument :

MSVOA_X

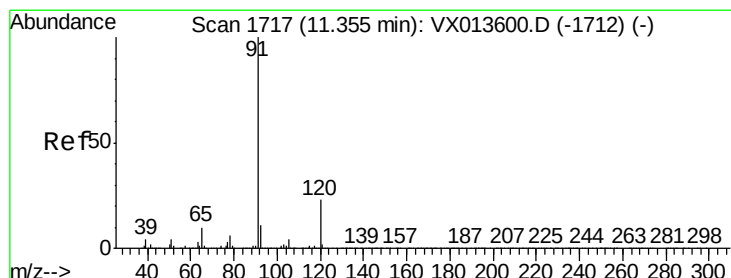
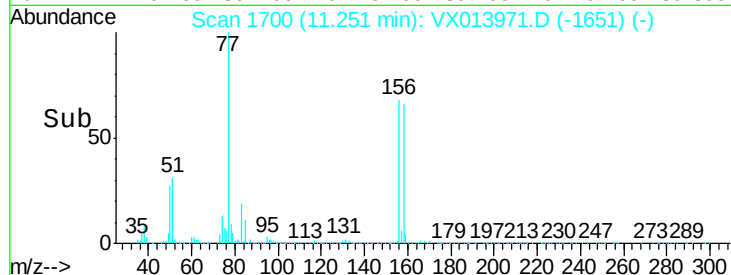
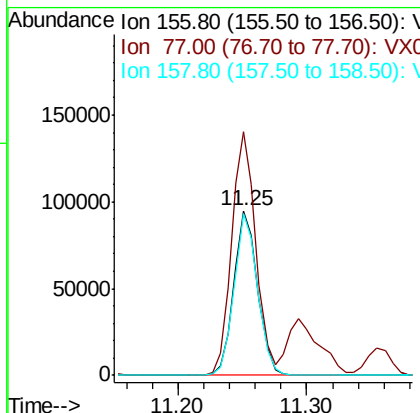
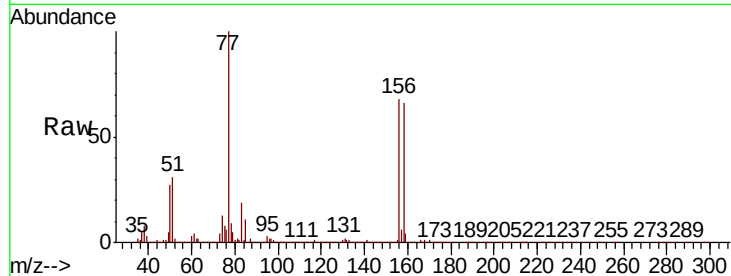
ClientSampleId :

VX1212WBS03

Tot Ion:	156	Resp:	122351
Ion Ratio	Lower	Upper	
156	100		
77	149.4	74.4	223.1
158	97.2	48.9	146.6

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#78

n-propylbenzene

Concen: 19.676 ug/l

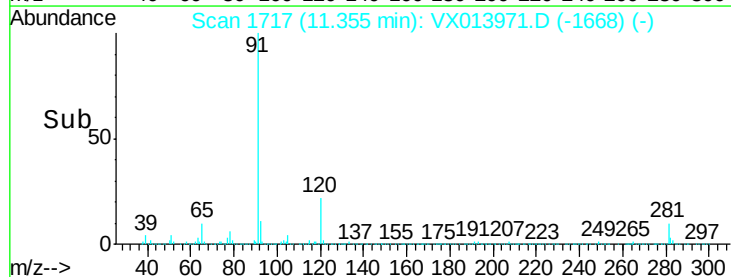
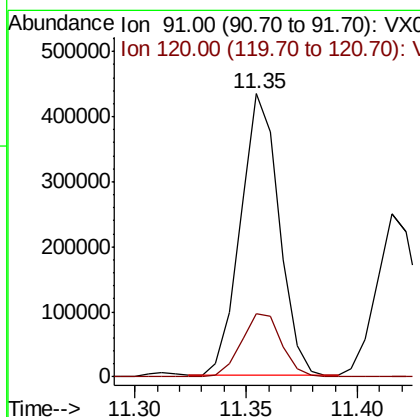
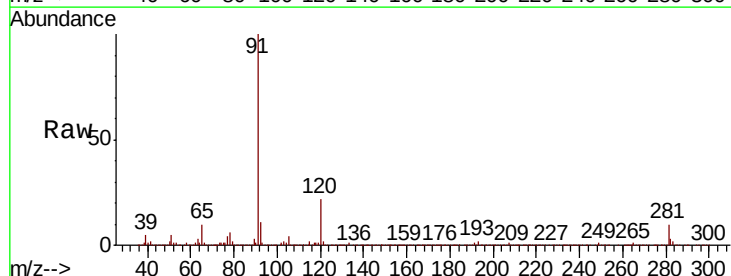
RT: 11.35 min Scan# 1717

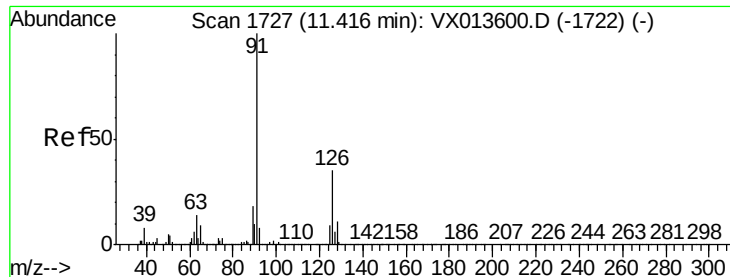
Delta R.T. -0.00 min

Lab File: VX013971.D

Acq: 12 Dec 2019 13:28

Tgt Ion:	91	Resp:	523509
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.8	35.3





#79

2-Chlorotoluene

Concen: 19.735 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013971.D

Acq: 12 Dec 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS03

Tot Ion: 91 Resp: 314971

Ion Ratio Lower Upper

91 100

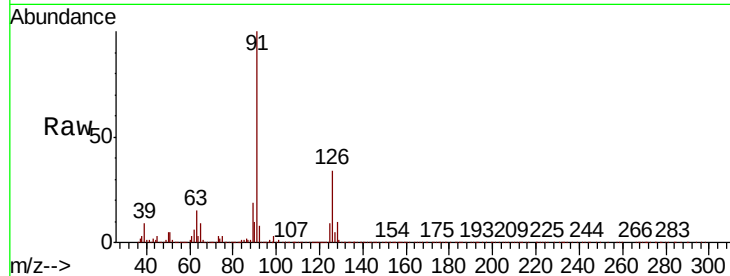
126 34.9 17.5 52.5

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

500000

400000

300000

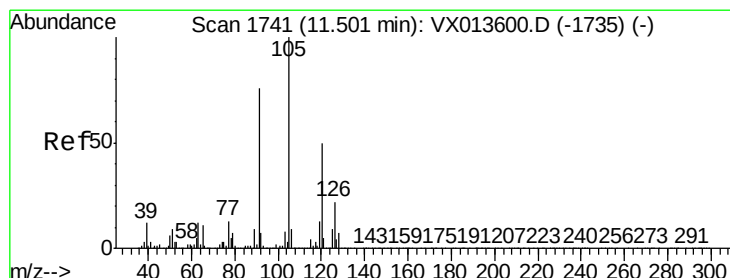
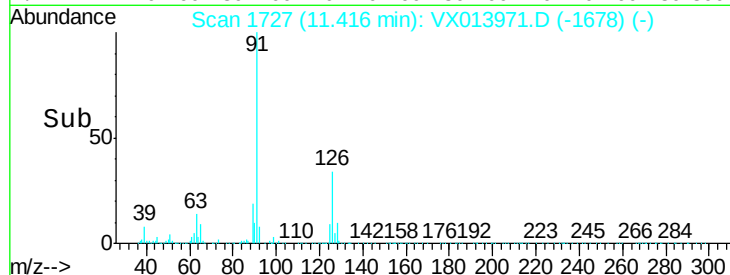
200000

100000

0

11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.077 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013971.D

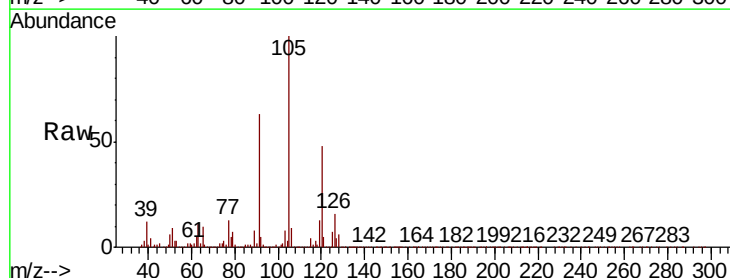
Acq: 12 Dec 2019 13:28

Tgt Ion: 105 Resp: 392185

Ion Ratio Lower Upper

105 100

120 49.4 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

300000

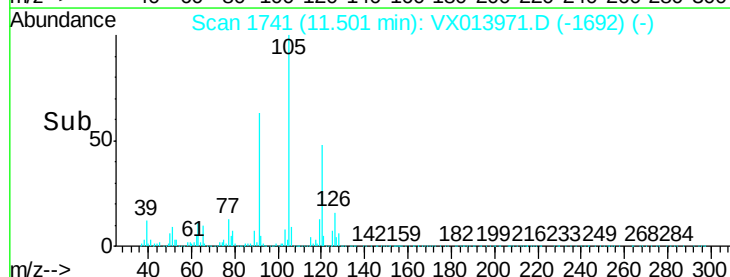
200000

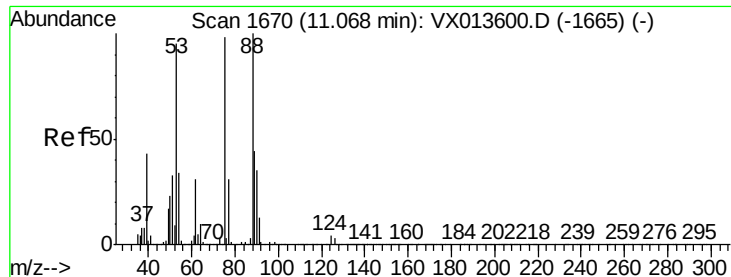
100000

0

11.50 11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 15.617 ug/l

RT: 11.07 min Scan# 1671

Delta R.T. 0.01 min

Lab File: VX013971.D

Acq: 12 Dec 2019 13:28

Instrument :

MSVOA_X

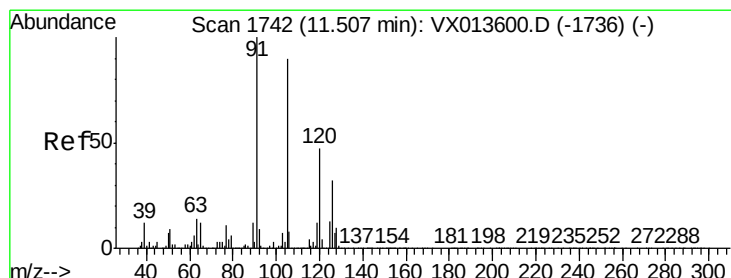
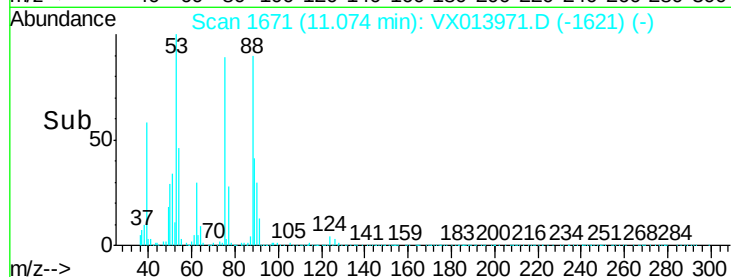
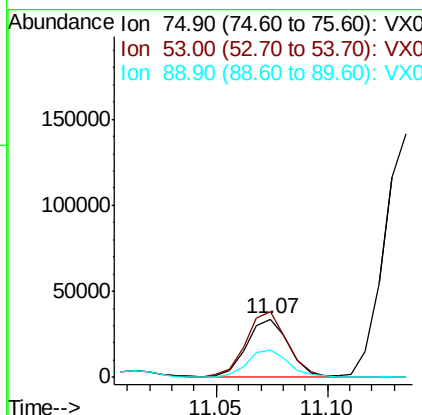
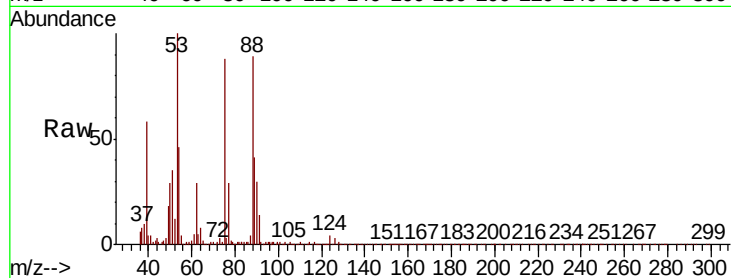
ClientSampleId :

VX1212WBS03

Tot Ion:	75	Resp:	43624
Ion	Ratio	Lower	Upper
75	100		
53	111.8	78.2	117.2
89	47.7	35.4	53.2

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.461 ug/l

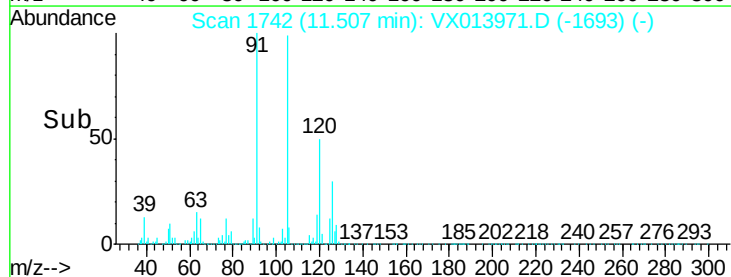
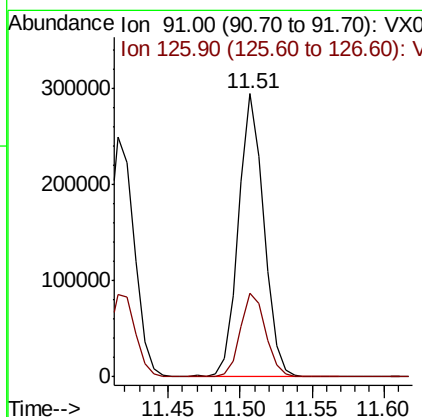
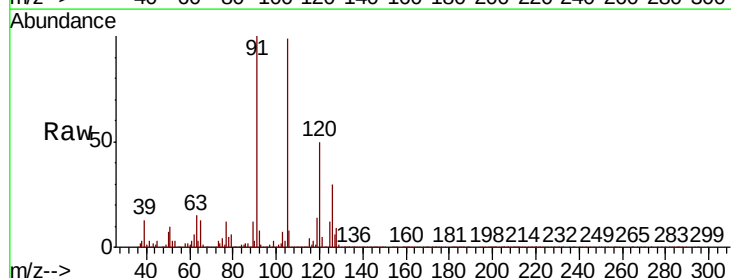
RT: 11.51 min Scan# 1742

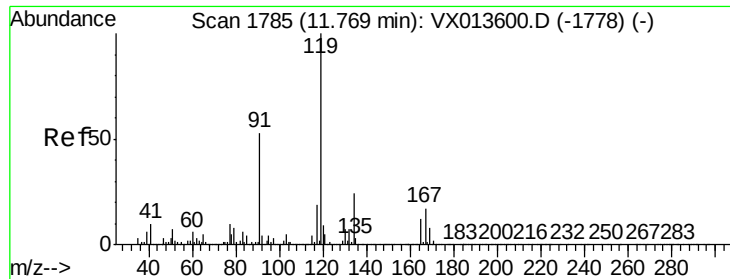
Delta R.T. -0.00 min

Lab File: VX013971.D

Acq: 12 Dec 2019 13:28

Tgt Ion:	91	Resp:	359739
Ion	Ratio	Lower	Upper
91	100		
126	29.4	15.7	47.0





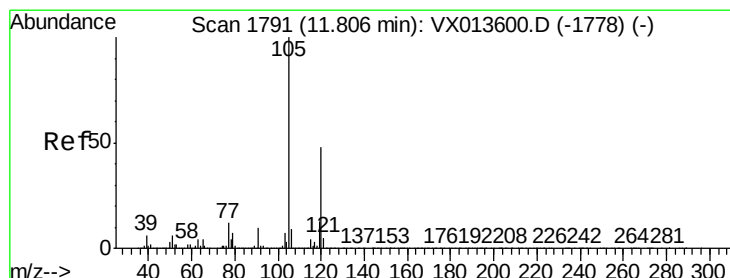
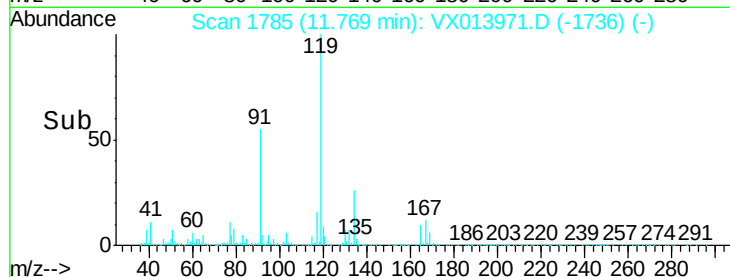
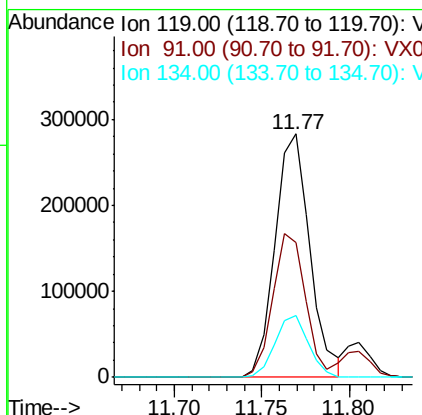
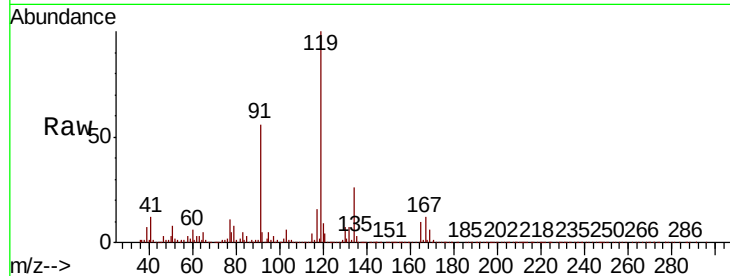
#83
tert-Butylbenzene
Concen: 19.871 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. -0.00 min
Lab File: VX013971.D
Acq: 12 Dec 2019 13:28

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS03

Tot Ion	Ratio	Resp	Lower	Upper
119	100	394485		
91	55.3	27.2	81.6	
134	24.4	11.7	35.1	

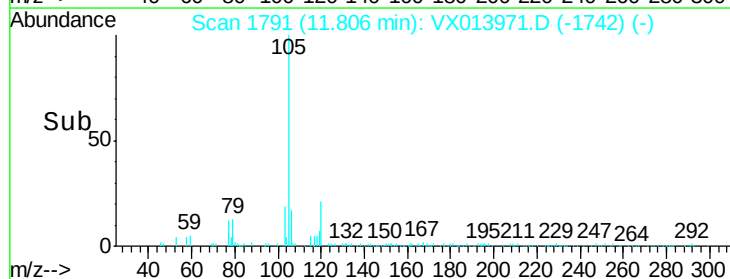
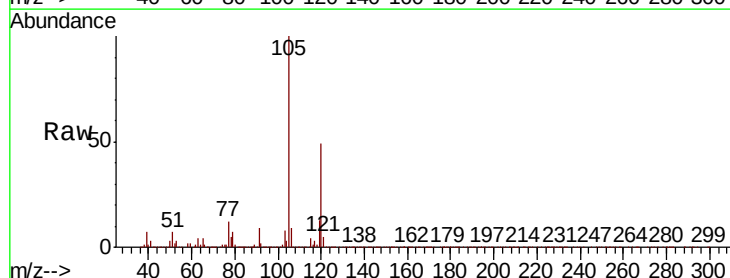
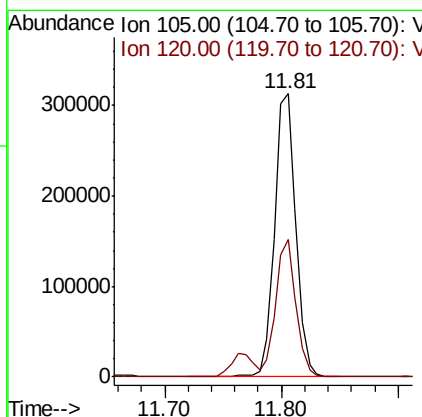
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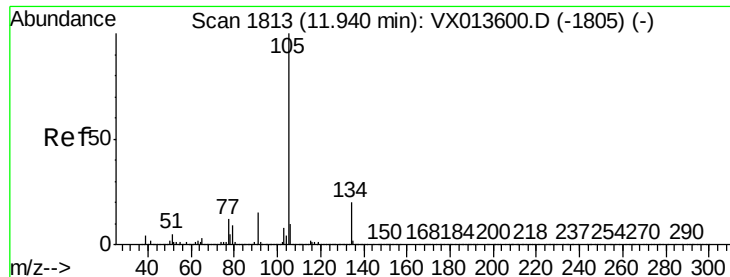
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#84
1,2,4-Trimethylbenzene
Concen: 20.047 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. -0.00 min
Lab File: VX013971.D
Acq: 12 Dec 2019 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	397429		
120	45.9	23.1	69.3	





#85

sec-Butylbenzene

Concen: 20.109 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013971.D

Acq: 12 Dec 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS03

Tot Ion:105 Resp: 455977

Ion Ratio Lower Upper

105 100

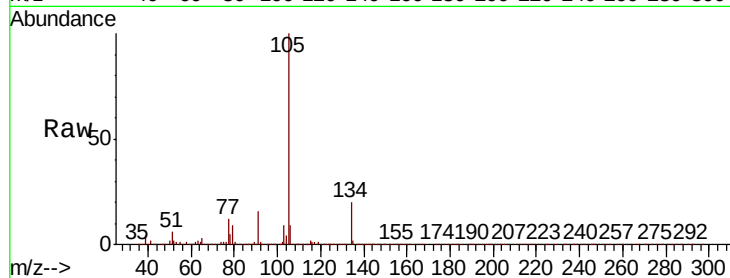
134 20.7 10.4 31.2

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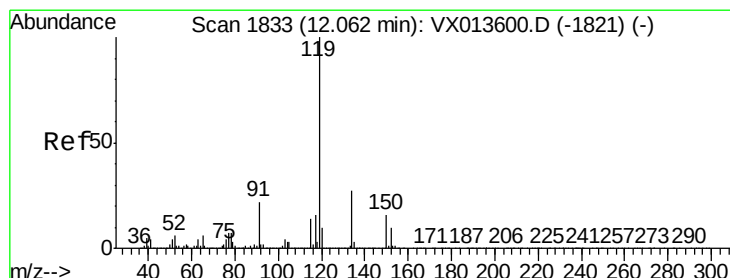
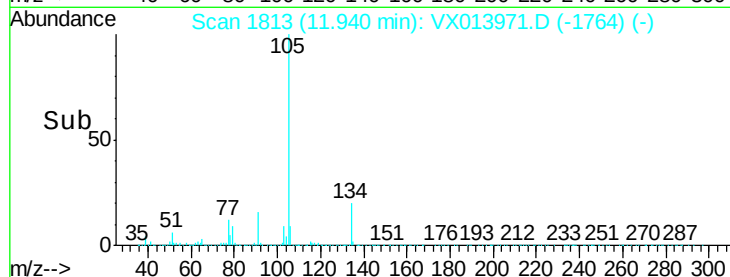
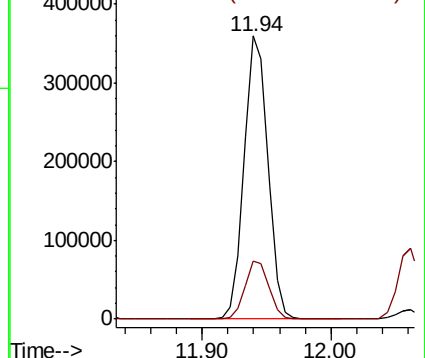
apatel

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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: 19.803 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013971.D

Acq: 12 Dec 2019 13:28

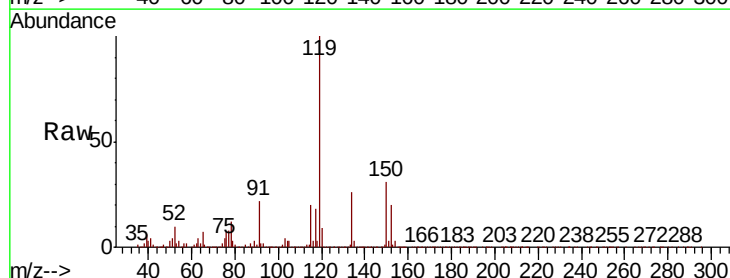
Tgt Ion:119 Resp: 417758

Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.9

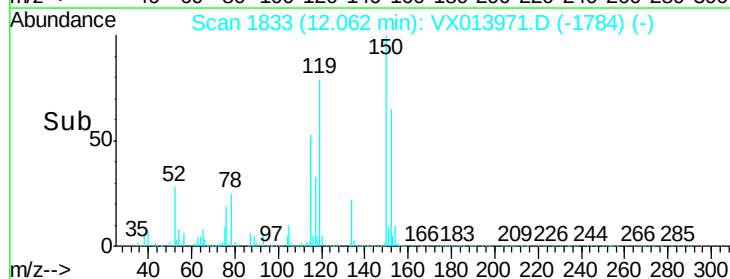
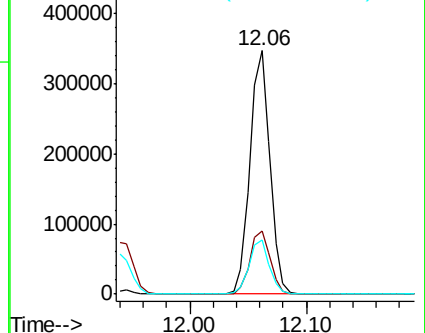
91 22.5 11.3 33.8

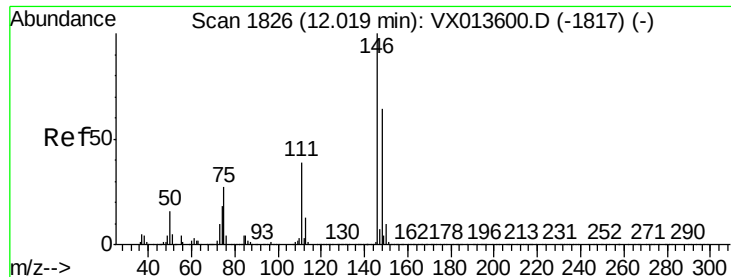


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





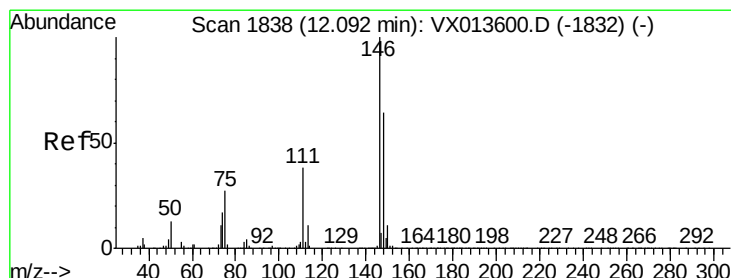
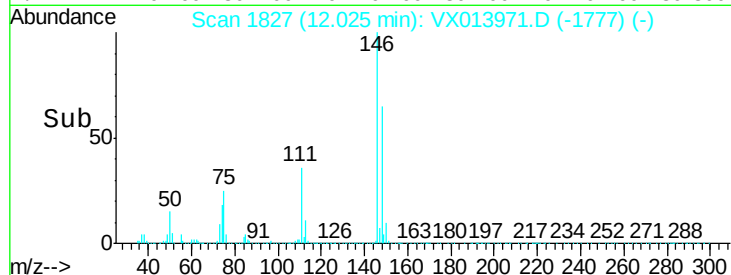
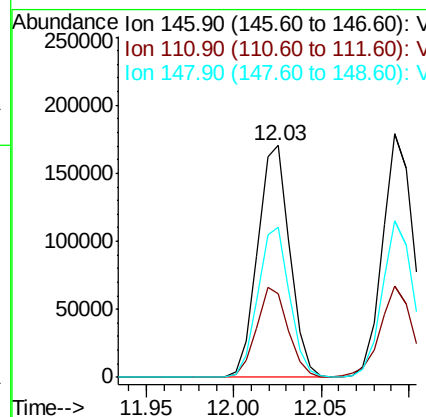
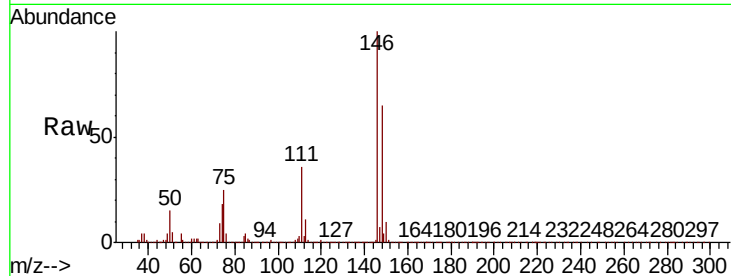
#87
 1,3-Dichlorobenzene
 Concen: 19.432 ug/l
 RT: 12.03 min Scan# 1827
 Delta R.T. 0.01 min
 Lab File: VX013971.D
 Acq: 12 Dec 2019 13:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS03

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.0	57.0
148	63.9	31.8	95.4

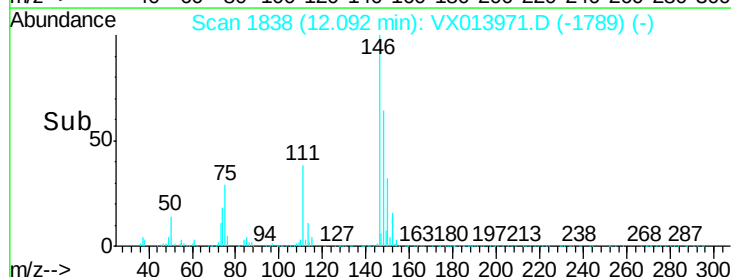
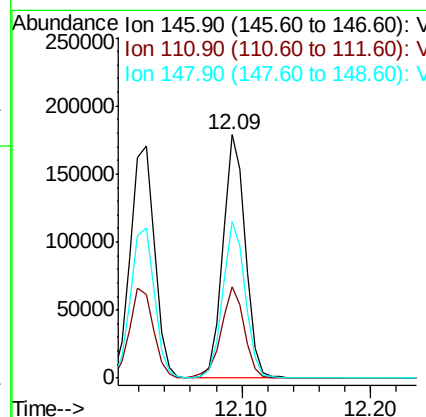
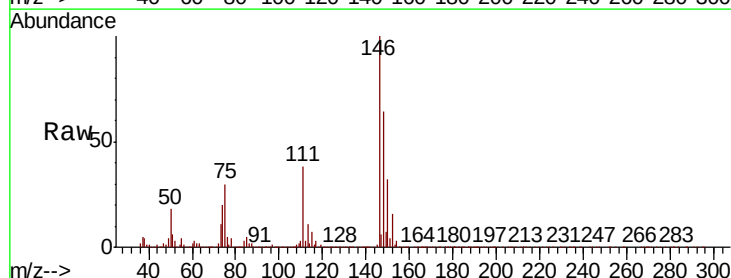
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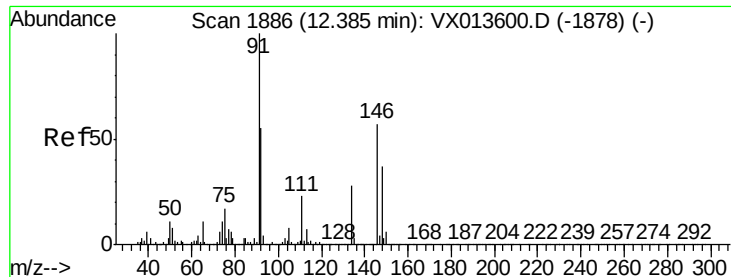
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 19.143 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013971.D
 Acq: 12 Dec 2019 13:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.9	56.9
148	64.8	31.9	95.5





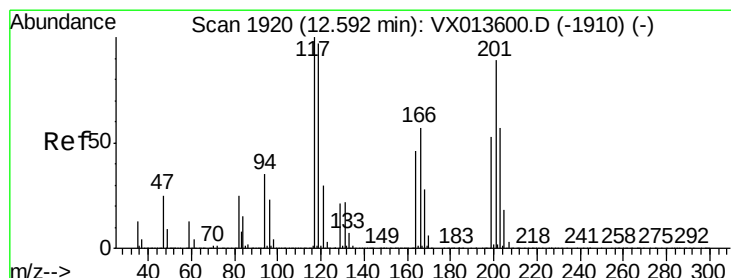
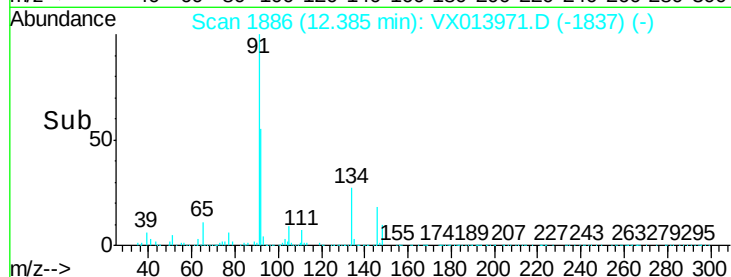
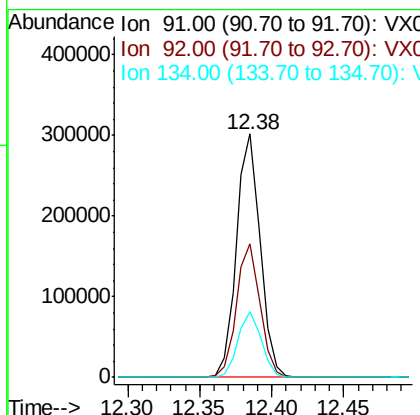
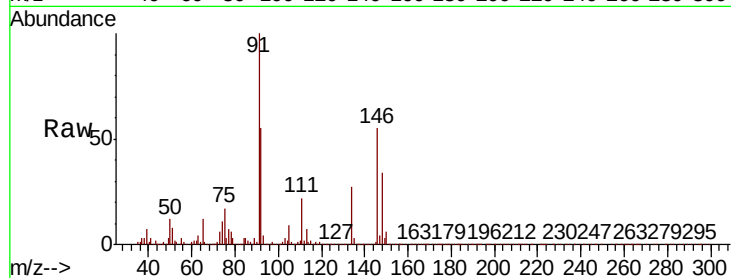
#89
n-Butylbenzene
Concen: 19.351 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013971.D
Acq: 12 Dec 2019 13:28

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS03

Tot Ion	Ratio	Resp	Lower	Upper
91	100	348174		
92	54.8	27.4	82.2	
134	26.7	13.5	40.4	

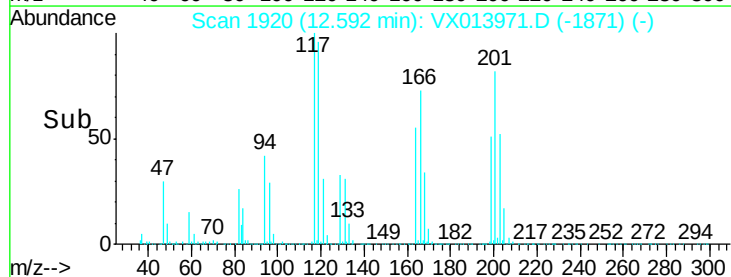
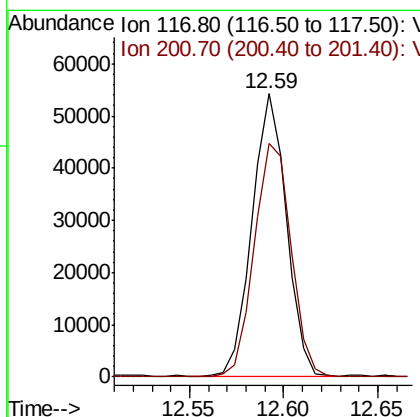
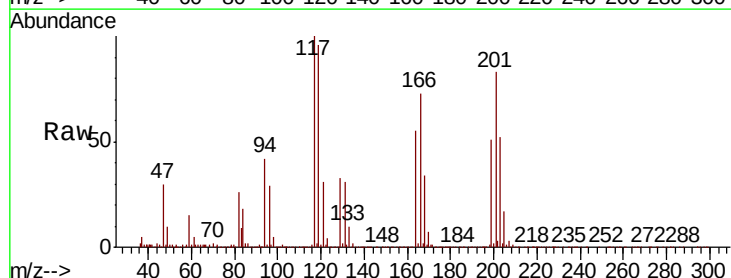
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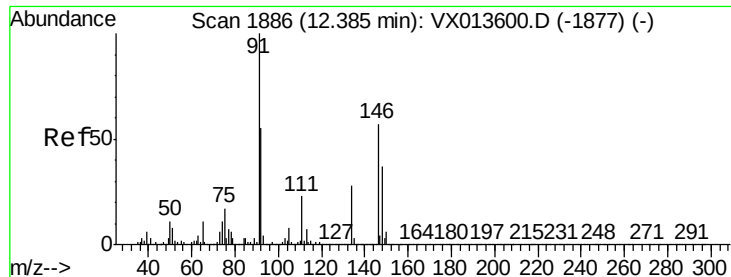
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#90
Hexachloroethane
Concen: 17.878 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013971.D
Acq: 12 Dec 2019 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	68167		
201	89.1	44.1	132.4	





#91

1,2-Dichlorobenzene

Concen: 20.214 ug/l

RT: 12.39 min Scan# 1887

Delta R.T. 0.01 min

Lab File: VX013971.D

Acq: 12 Dec 2019 13:28

Instrument :

MSVOA_X

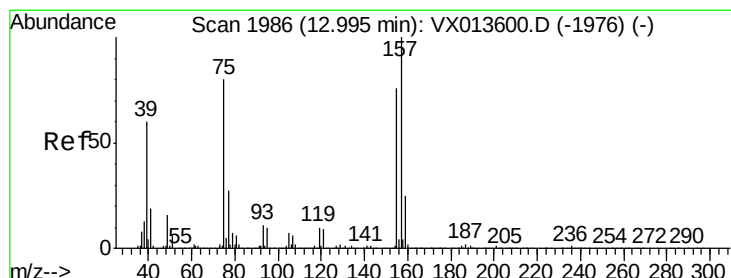
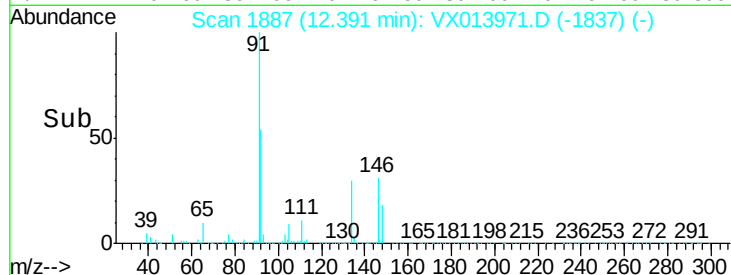
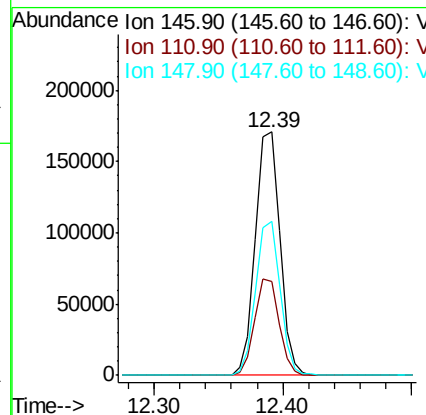
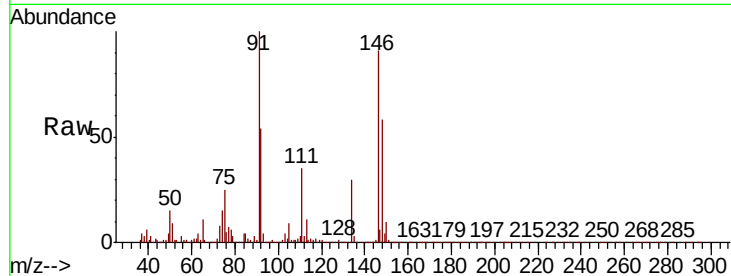
ClientSampleId :

VX1212WBS03

Tot Ion:	146	Resp:	224171
Ion Ratio	Lower	Upper	
146	100		
111	39.3	19.6	58.7
148	62.6	31.9	95.7

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#92

1,2-Dibromo-3-Chloropropane

Concen: 16.684 ug/l

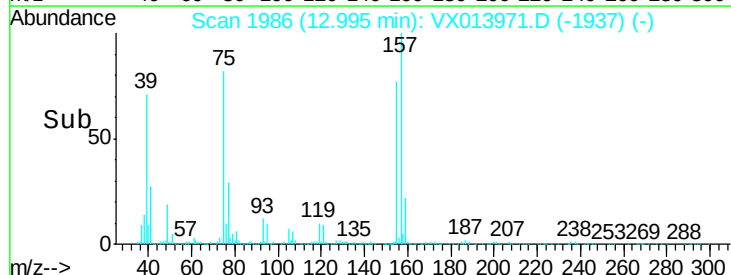
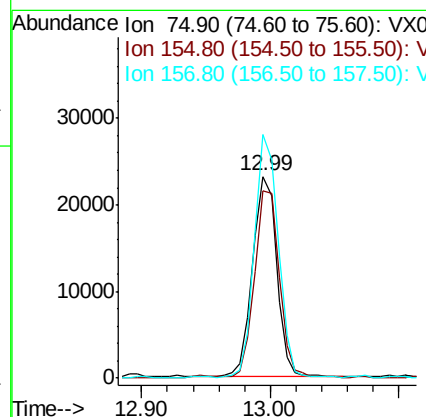
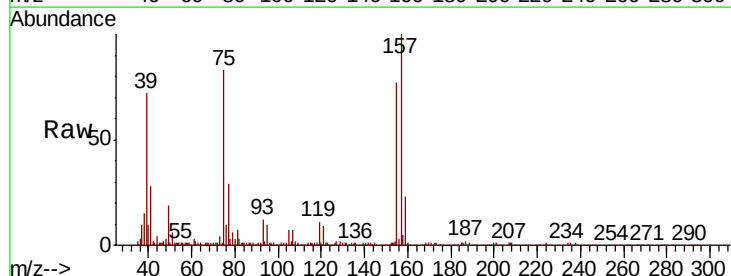
RT: 12.99 min Scan# 1986

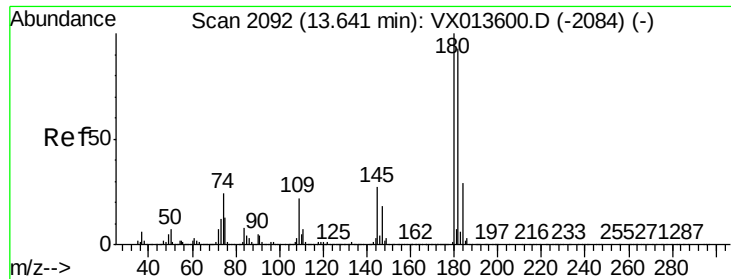
Delta R.T. -0.00 min

Lab File: VX013971.D

Acq: 12 Dec 2019 13:28

Tgt Ion:	75	Resp:	30031
Ion Ratio	Lower	Upper	
75	100		
155	95.8	47.6	142.8
157	118.3	62.1	186.2





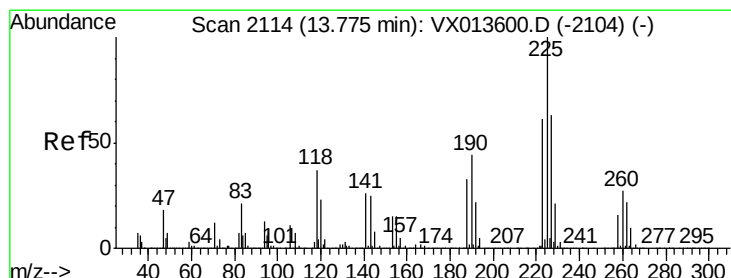
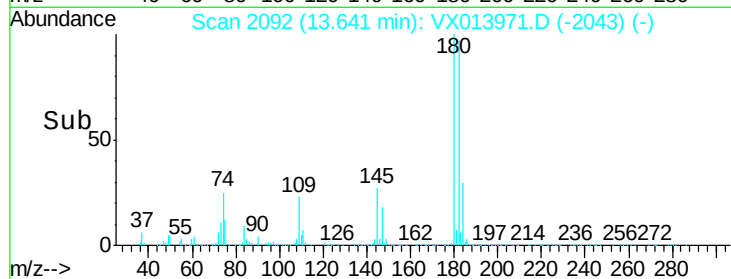
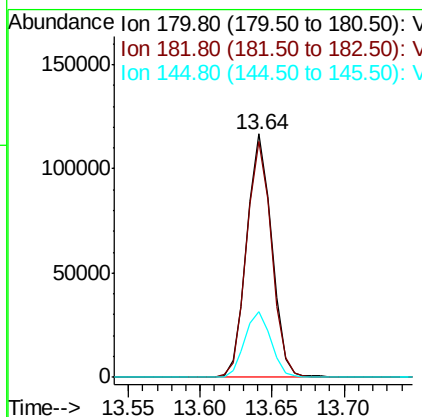
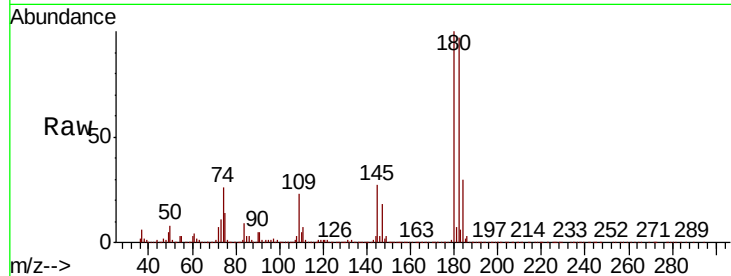
#93
 1,2,4-Trichlorobenzene
 Concen: 17.985 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013971.D
 Acq: 12 Dec 2019 13:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS03

Tot Ion	Ratio	Resp	Lower	Upper
180	100	139004		
182	98.1	47.2	141.6	
145	28.8	13.8	41.4	

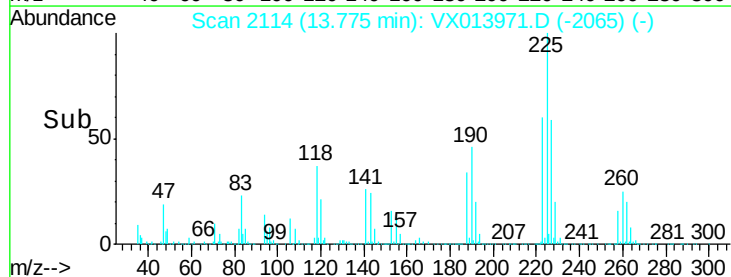
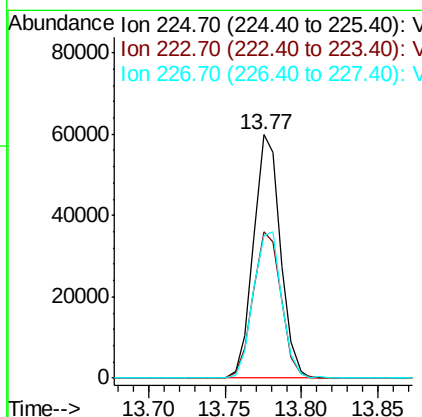
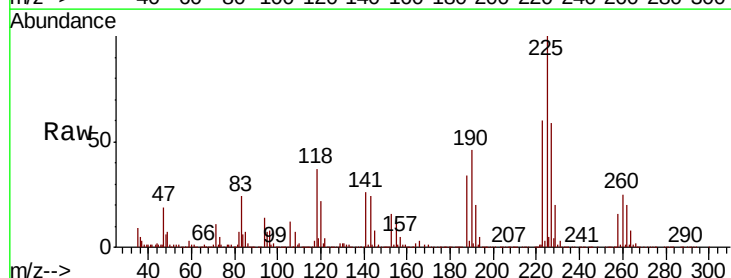
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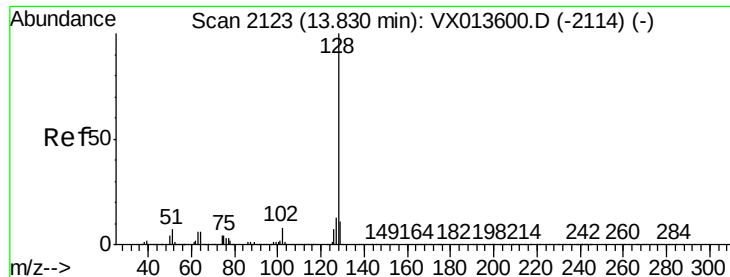
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#94
 Hexachlorobutadiene
 Concen: 19.819 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX013971.D
 Acq: 12 Dec 2019 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	73582		
223	62.8	31.9	95.5	
227	63.4	32.1	96.3	





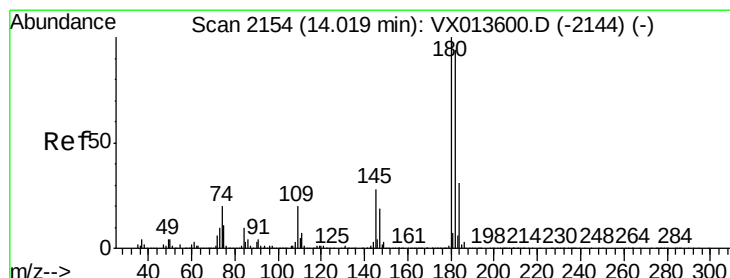
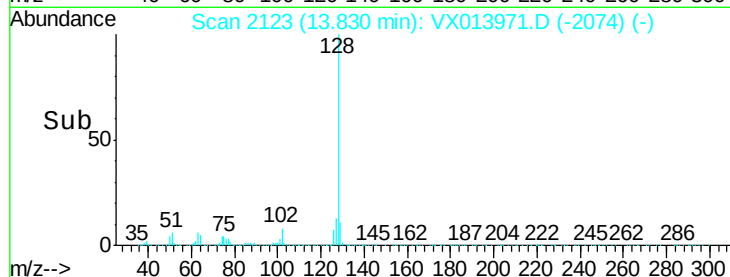
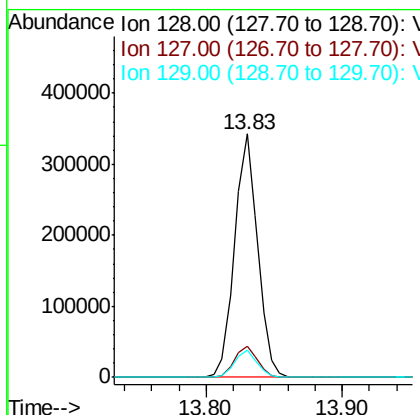
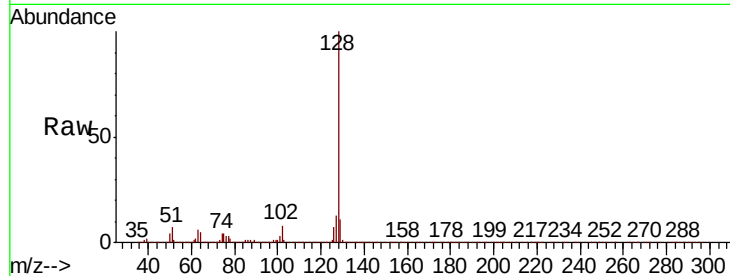
#95
Naphthalene
Concen: 17.556 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013971.D
Acq: 12 Dec 2019 13:28

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS03

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

Manual Integrations
APPROVED

apatel
12/13/2019 11:25:18 AM



#96
1,2,3-Trichlorobenzene
Concen: 18.587 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.01 min
Lab File: VX013971.D
Acq: 12 Dec 2019 13:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.6	142.8
145	30.2	15.0	45.0

