

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112619\
 Data File : VX013612.D
 Acq On : 26 Nov 2019 20:30
 Operator : JC/SP
 Sample : K6002-06MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6MSD

Manual Integrations
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 11/27/2019 3:44:24 PM

Quant Time: Nov 27 04:27:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	656304	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1013713	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	933560	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	459021	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	370334	48.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.22%	
35) Dibromofluoromethane	5.49	113	311874	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
50) Toluene-d8	8.71	98	1201133	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
62) 4-Bromofluorobenzene	11.13	95	436125	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	387997	53.114	ug/l	100
3) Chloromethane	1.32	50	426194	51.996	ug/l	97
4) Vinyl Chloride	1.40	62	488438	52.943	ug/l	99
5) Bromomethane	1.63	94	294320	47.504	ug/l	99
6) Chloroethane	1.71	64	260880	49.693	ug/l	96
7) Trichlorofluoromethane	1.92	101	512881	50.065	ug/l	99
8) Diethyl Ether	2.18	74	236812	51.097	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	310207	49.575	ug/l	98
10) Methyl Iodide	2.50	142	412621	54.513	ug/l	99
11) Tert butyl alcohol	3.03	59	475698	252.974	ug/l	99
12) 1,1-Dichloroethene	2.36	96	320691	51.345	ug/l	99
13) Acrolein	2.28	56	336785	267.378	ug/l #	15
14) Allyl chloride	2.72	41	592082	52.236	ug/l	99
15) Acrylonitrile	3.13	53	1000755	257.825	ug/l	99
16) Acetone	2.43	43	842853	224.091	ug/l	99
17) Carbon Disulfide	2.56	76	884468	49.675	ug/l	99
18) Methyl Acetate	2.76	43	552812	52.782	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	2552663	123.370	ug/l #	80
20) Methylene Chloride	2.85	84	354802	49.101	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	342116	50.280	ug/l	99
22) Diisopropyl ether	3.84	45	1161096	53.200	ug/l	98
23) Vinyl Acetate	3.80	43	4740433	261.089	ug/l	100
24) 1,1-Dichloroethane	3.69	63	615549	51.592	ug/l	99
25) 2-Butanone	4.66	43	1384799	247.734	ug/l	99
26) 2,2-Dichloropropane	4.57	77	469983	47.610	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	391217	50.067	ug/l	99
28) Bromochloromethane	5.01	49	238039	50.486	ug/l	99
29) Tetrahydrofuran	5.11	42	899353	260.986	ug/l	100
30) Chloroform	5.20	83	630165	52.080	ug/l	97
31) Cyclohexane	5.57	56	900150	79.989	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	516991	51.129	ug/l	99
36) 1,1-Dichloropropene	5.79	75	468789	50.944	ug/l	99
37) Ethyl Acetate	4.82	43	531338	51.470	ug/l	100
38) Carbon Tetrachloride	5.78	117	440713	51.940	ug/l	96

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 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	984771	86.577	ug/l	98
40) Benzene	6.14	78	25253879	901.082	ug/l #	86
41) Methacrylonitrile	5.03	41	304499	53.785	ug/l	99
42) 1,2-Dichloroethane	6.19	62	467213	48.881	ug/l	97
43) Isopropyl Acetate	6.42	43	5919231	348.287	ug/l #	28
44) Trichloroethene	7.21	130	380002	49.404	ug/l	100
45) 1,2-Dichloropropane	7.51	63	364066	51.920	ug/l	100
46) Dibromomethane	7.65	93	234402	49.219	ug/l	97
47) Bromodichloromethane	7.89	83	475246	52.786	ug/l	96
48) Methyl methacrylate	7.76	41	490326	59.379	ug/l	94
49) 1,4-Dioxane	7.73	88	173863	940.630	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2767797	258.904	ug/l	100
52) Toluene	8.78	92	5508820	316.400	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	535921	52.296	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	584383	52.196	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	344859	49.151	ug/l	98
56) Ethyl methacrylate	9.17	69	631288	55.963	ug/l	99
57) 1,3-Dichloropropane	9.37	76	603387	49.892	ug/l	100
59) 2-Hexanone	9.49	43	2099273	251.780	ug/l	100
60) Dibromochloromethane	9.58	129	379125	52.067	ug/l	99
61) 1,2-Dibromoethane	9.67	107	380302	50.750	ug/l	100
64) Tetrachloroethene	9.33	164	321725	46.212	ug/l	98
65) Chlorobenzene	10.14	112	955538	49.299	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	350509	50.360	ug/l	99
67) Ethyl Benzene	10.25	91	15785047	473.928	ug/l #	53
68) m/p-Xylenes	10.36	106	18679005	1464.823	ug/l #	1
69) o-Xylene	10.70	106	9879254	794.363	ug/l	63
70) Stvrene	10.71	104	1666647	79.665	ug/l #	4
71) Bromoform	10.85	173	296166	51.427	ug/l #	99
73) Isopropylbenzene	11.01	105	2739495	85.081	ug/l	99
74) N-amyl acetate	10.89	43	782312	53.039	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	574857	51.481	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	441994m	42.811	ug/l	
77) Bromobenzene	11.25	156	440331	50.621	ug/l	99
78) n-propylbenzene	11.35	91	3833365	106.649	ug/l	99
79) 2-Chlorotoluene	11.51	91	1804498	83.691	ug/l	77
80) 1,3,5-Trimethylbenzene	11.50	105	6356570	240.874	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	191771	50.818	ug/l	98
82) 4-Chlorotoluene	11.51	91	1804498	72.258	ug/l	83
83) tert-Butylbenzene	11.77	119	1368964	51.043	ug/l	98
84) 1,2,4-Trimethylbenzene	11.67	105	5817337	217.203	ug/l	78
85) sec-Butylbenzene	11.94	105	1592893	51.998	ug/l	97
86) p-Isopropyltoluene	12.06	119	1494986	52.458	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	762184	50.266	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	758782	49.130	ug/l	99
89) n-Butylbenzene	12.39	91	1677661	69.021	ug/l #	70
90) Hexachloroethane	12.59	117	478418	92.875	ug/l	55
91) 1,2-Dichlorobenzene	12.39	146	737682	49.239	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	151730	62.398	ug/l	84
93) 1,2,4-Trichlorobenzene	13.64	180	526602	50.435	ug/l	95

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MW-6MSD

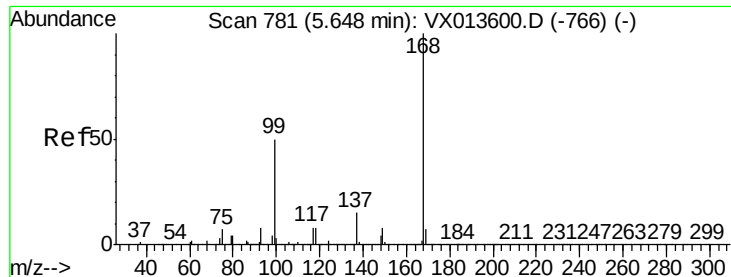
Manual Integrations
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	201652	40.204	ug/l	98
95) Naphthalene	13.83	128	10199442	328.019	ug/l	97
96) 1,2,3-Trichlorobenzene	14.01	180	524061	50.693	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

Instrument :

MSVOA_X

ClientSampled :

MW-6MSD

Tot Ion:168 Resp: 656304

Ion Ratio Lower Upper

168 100

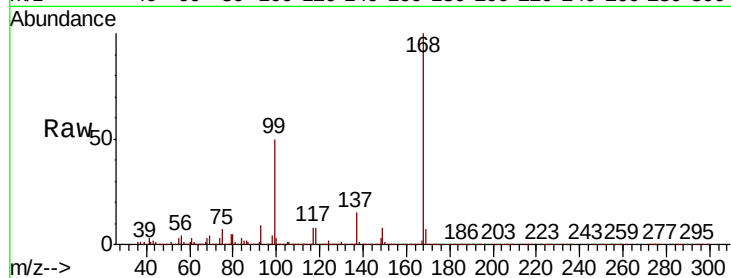
99 49.5 39.8 59.8

Manual Integrations

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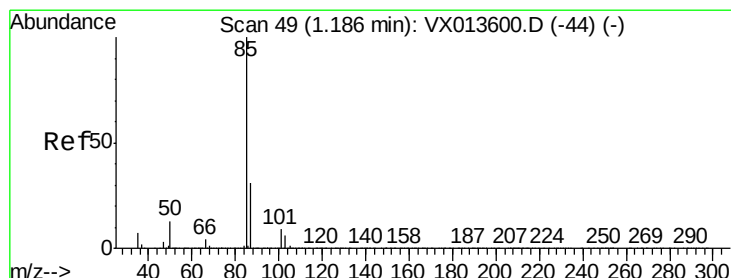
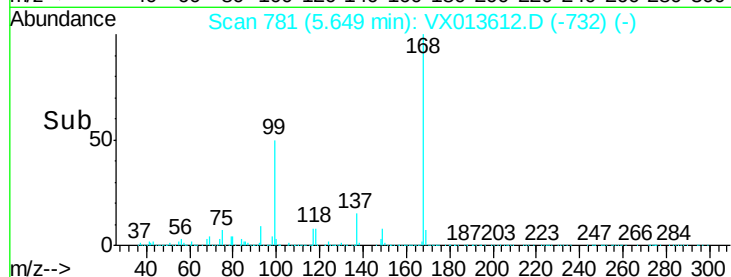
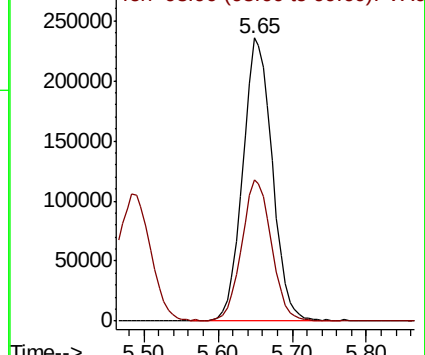
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 53.114 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX013612.D

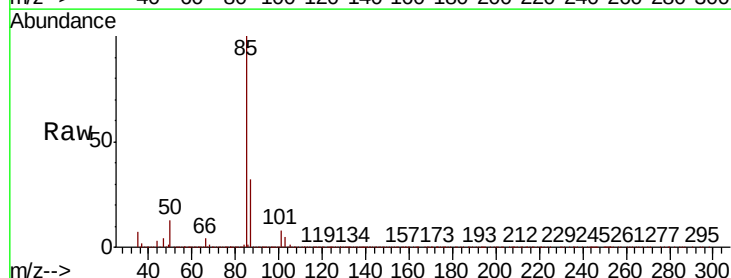
Acq: 26 Nov 2019 20:30

Tgt Ion: 85 Resp: 387997

Ion Ratio Lower Upper

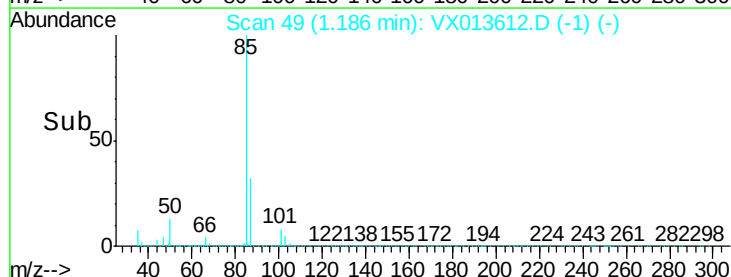
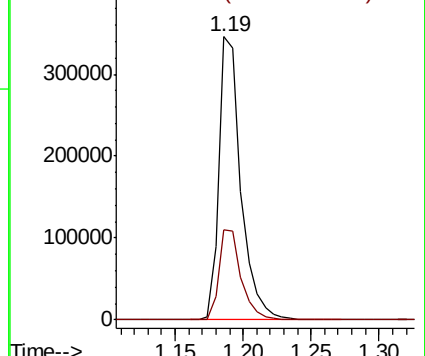
85 100

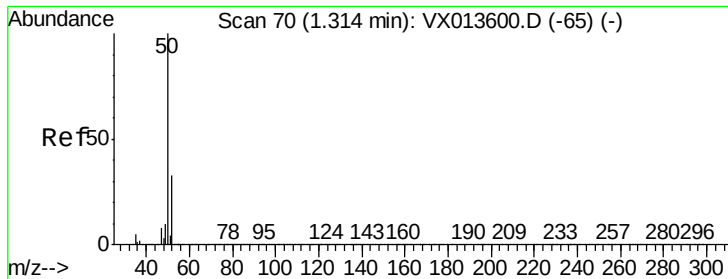
87 31.6 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 51.996 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

Instrument :

MSVOA_X

ClientSampleId :

MW-6MSD

Tot Ion: 50 Resp: 426194

Ion Ratio Lower Upper

50 100

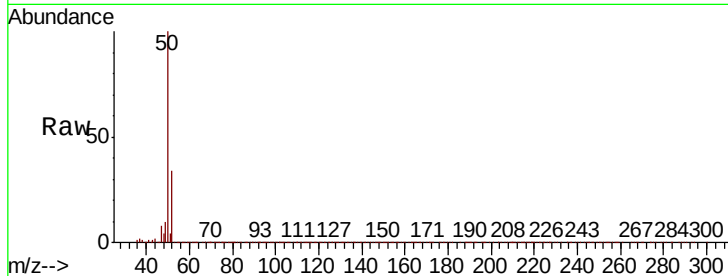
52 33.9 26.0 39.0

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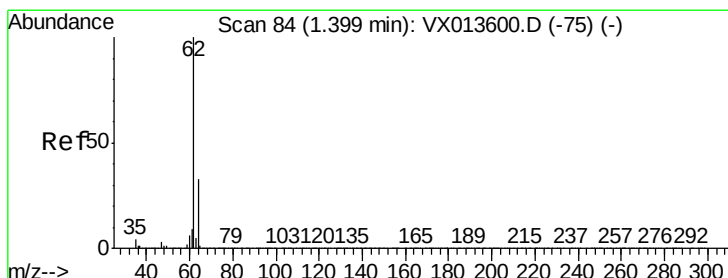
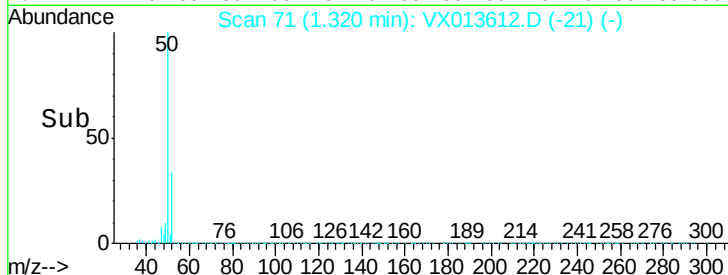
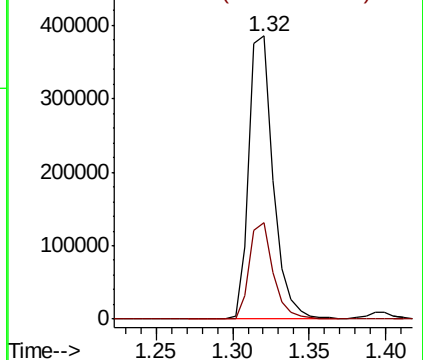
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 52.943 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013612.D

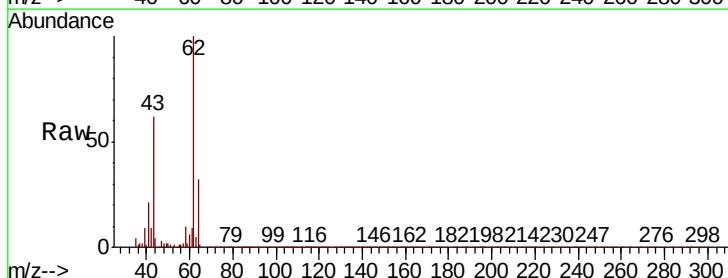
Acq: 26 Nov 2019 20:30

Tgt Ion: 62 Resp: 488438

Ion Ratio Lower Upper

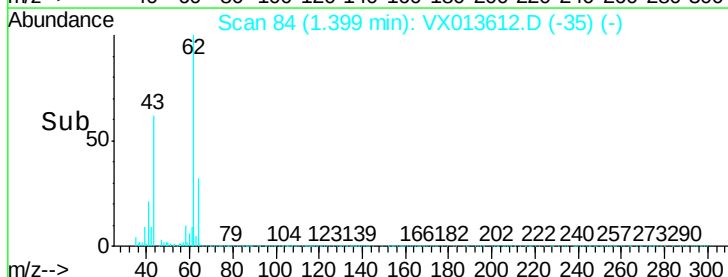
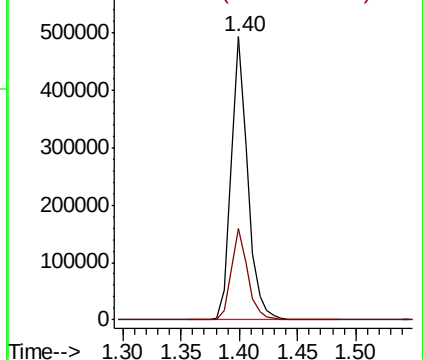
62 100

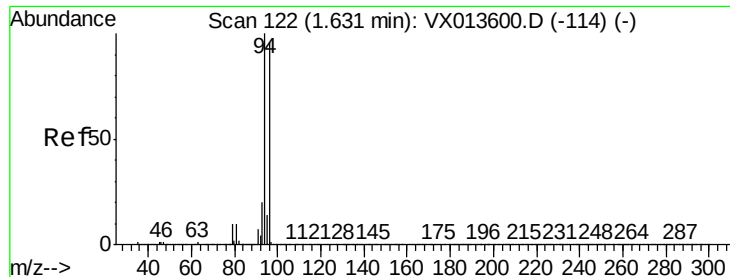
64 32.2 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 47.504 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

Instrument :

MSVOA_X

ClientSampleId :

MW-6MSD

Tot Ion: 94 Resp: 294320

Ion Ratio Lower Upper

94 100

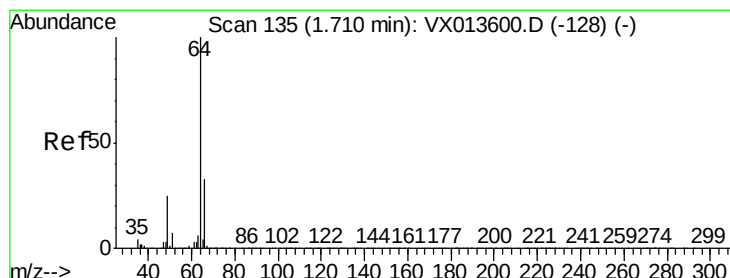
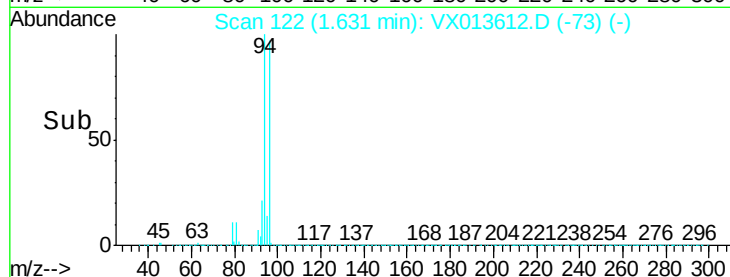
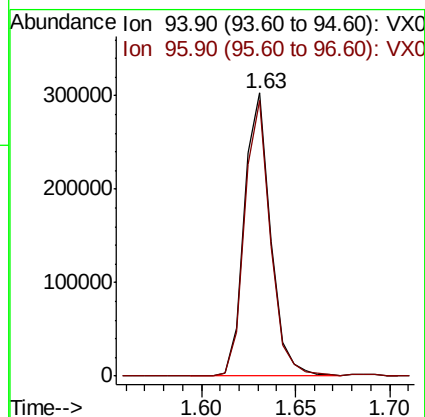
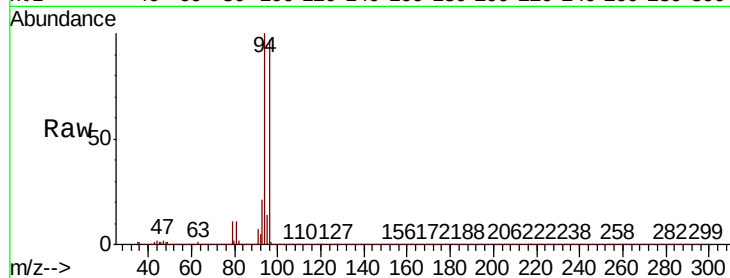
96 97.2 77.0 115.4

Manual Integrations

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#6

Chloroethane

Concen: 49.693 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX013612.D

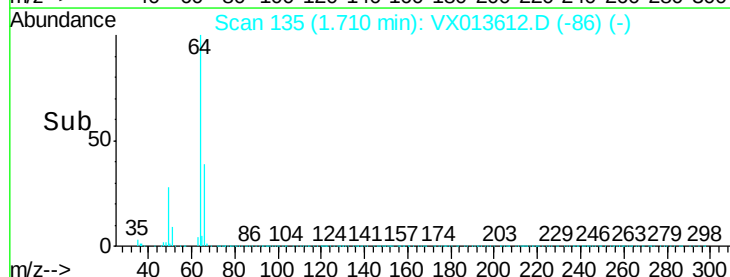
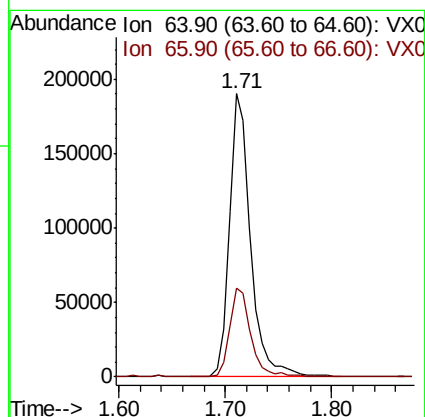
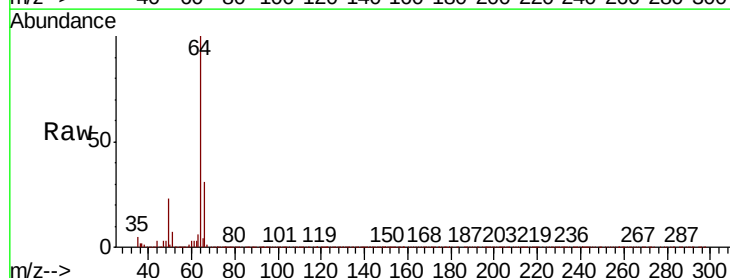
Acq: 26 Nov 2019 20:30

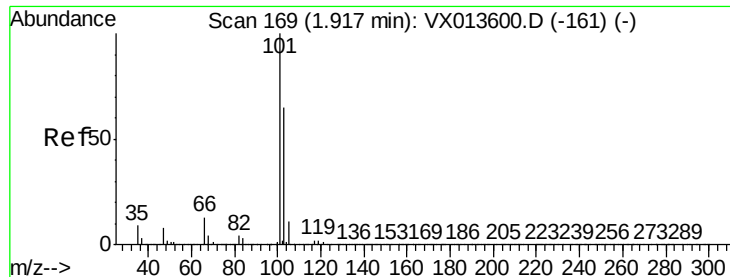
Tgt Ion: 64 Resp: 260880

Ion Ratio Lower Upper

64 100

66 31.2 26.7 40.1





#7

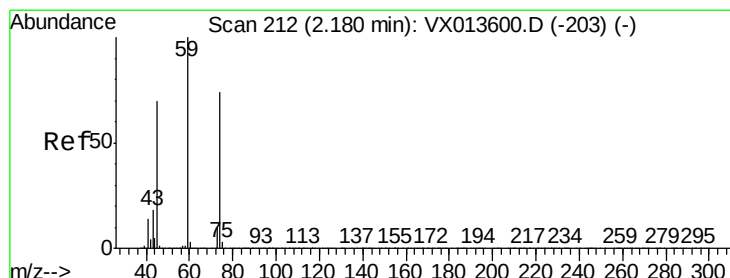
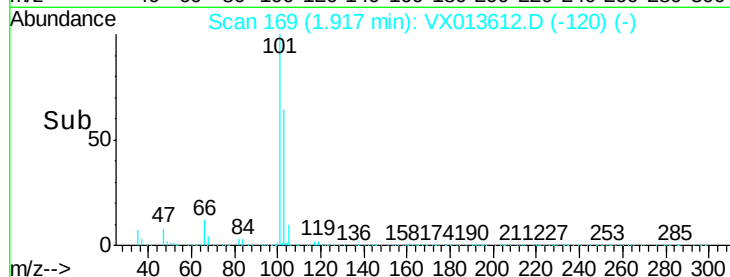
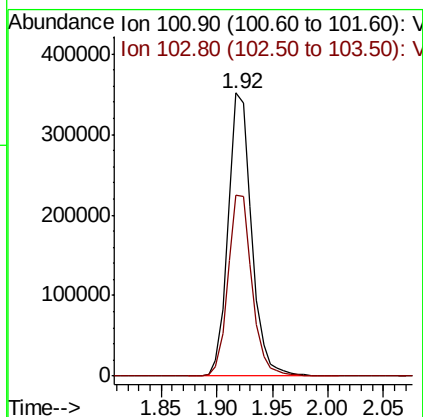
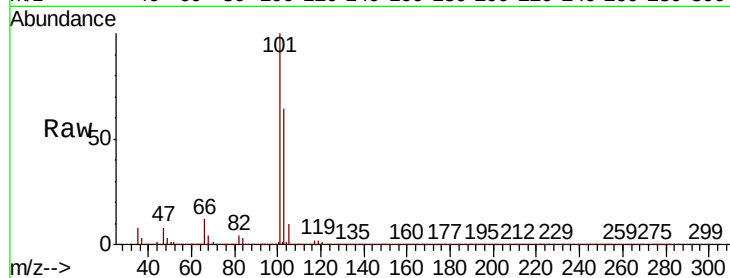
Trichlorofluoromethane
 Concen: 50.065 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX013612.D
 Acq: 26 Nov 2019 20:30

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6MSD

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.0	51.8	77.6

Manual Integrations
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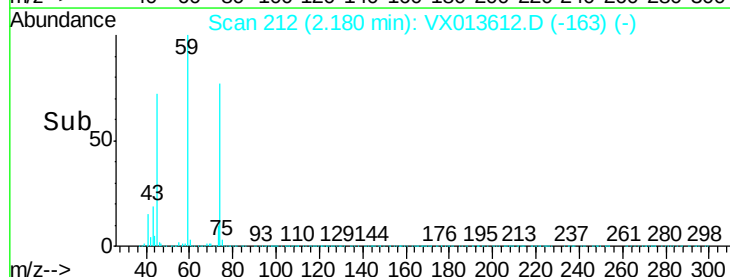
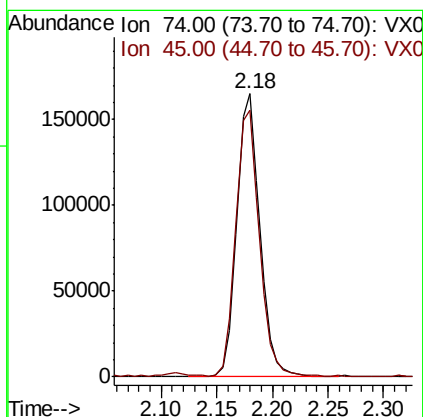
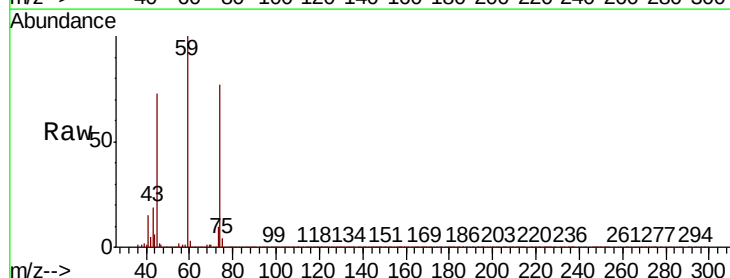
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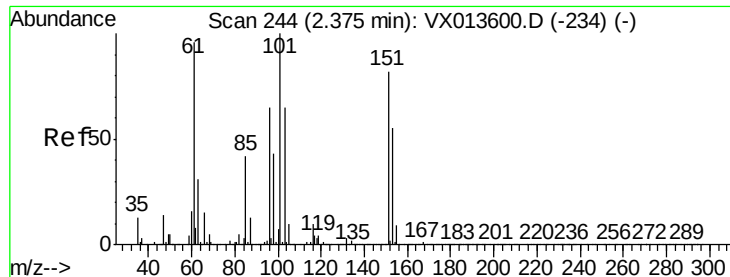


#8

Diethyl Ether
 Concen: 51.097 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX013612.D
 Acq: 26 Nov 2019 20:30

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.0	48.9	146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.575 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

Instrument :

MSVOA_X

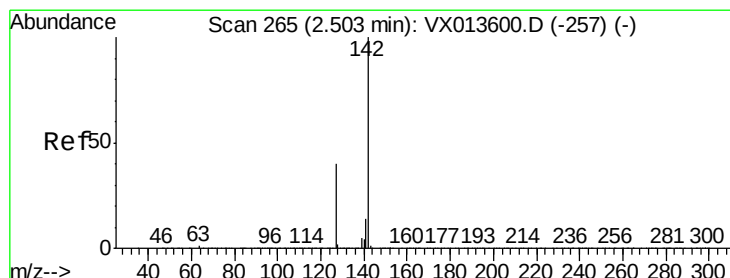
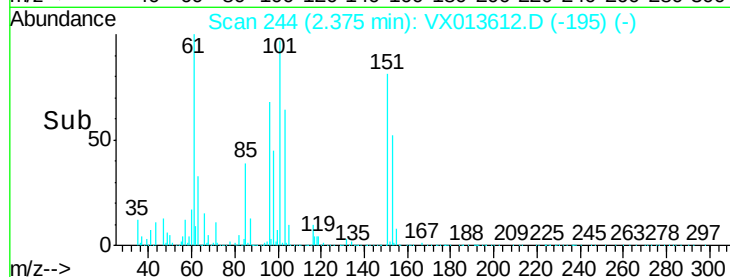
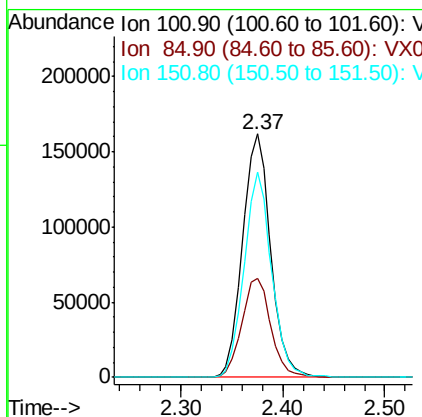
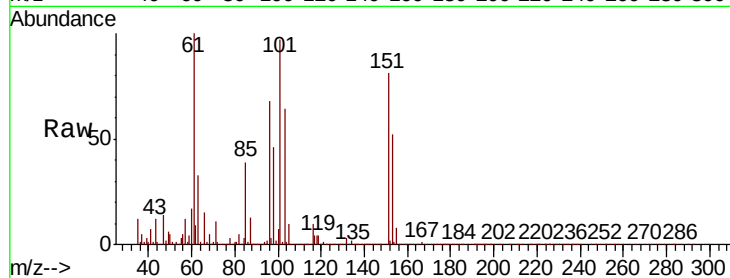
ClientSampleId :

MW-6MSD

Tot Ion:	101	Resp:	310207
Ion Ratio	Lower	Upper	
101	100		
85	41.7	33.9	50.9
151	82.6	64.2	96.2

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#10

Methyl Iodide

Concen: 54.513 ug/l

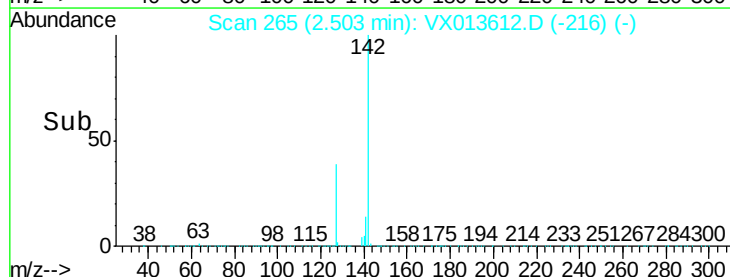
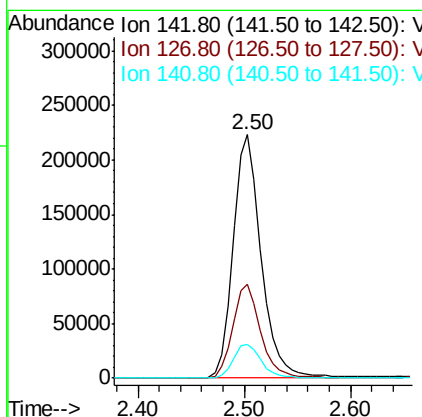
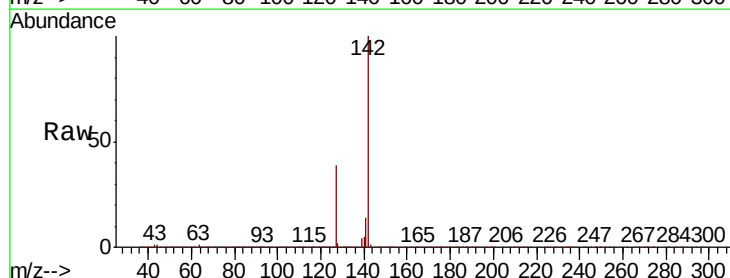
RT: 2.50 min Scan# 265

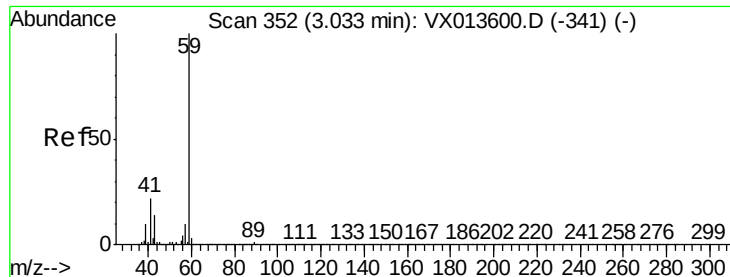
Delta R.T. 0.00 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

Tgt Ion:	142	Resp:	412621
Ion Ratio	Lower	Upper	
142	100		
127	38.5	31.0	46.4
141	14.1	11.6	17.4





#11

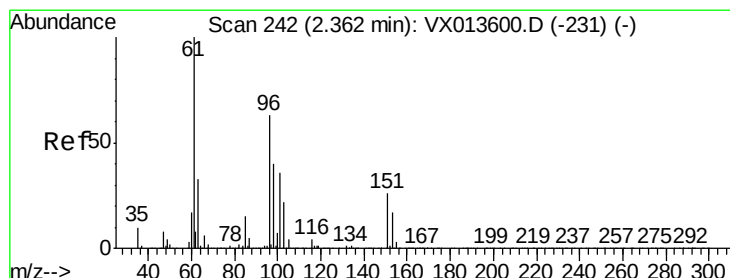
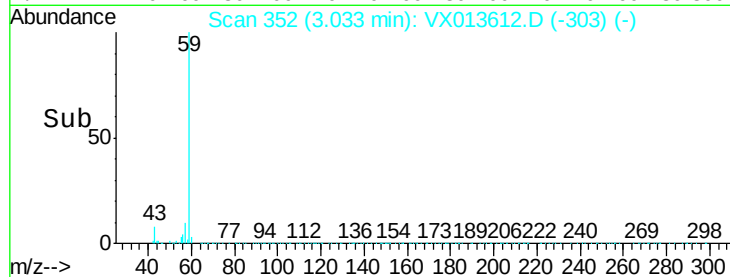
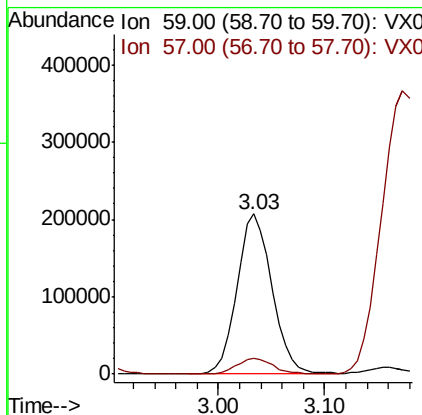
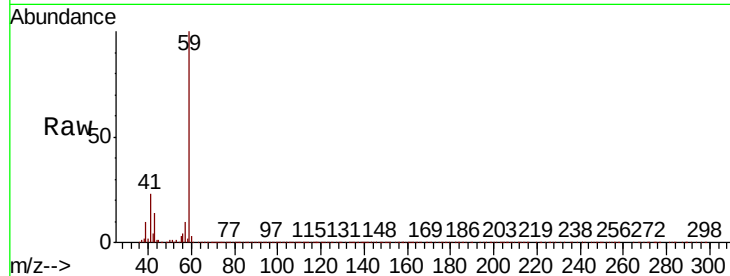
Tert butyl alcohol
Concen: 252.974 ug/l
RT: 3.03 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX013612.D
Acq: 26 Nov 2019 20:30

Instrument :
MSVOA_X
ClientSampleId :
MW-6MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	7.8	11.6

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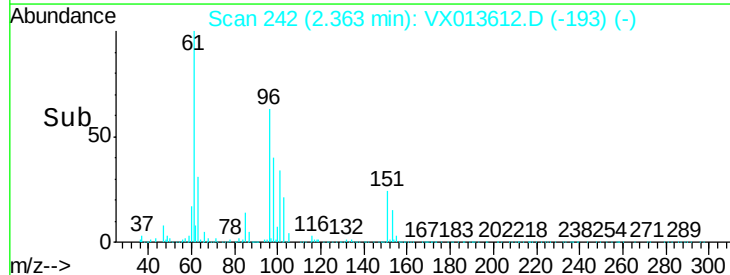
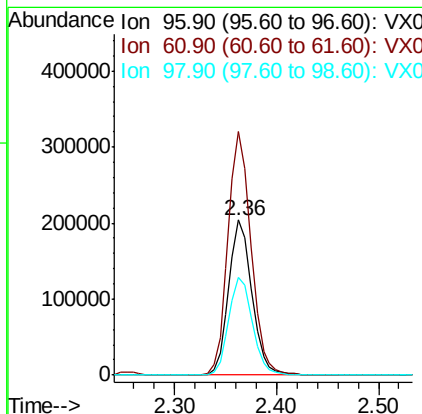
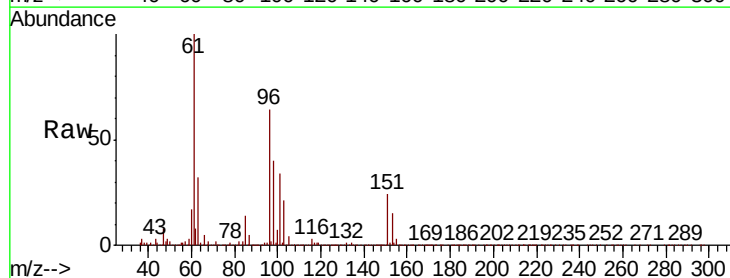
apatel
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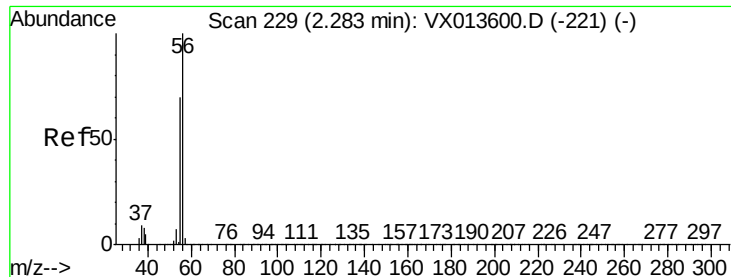


#12

1,1-Dichloroethene
Concen: 51.345 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013612.D
Acq: 26 Nov 2019 20:30

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.2	126.6	190.0
98	62.7	50.6	76.0





#13

Acrolein

Concen: 267.378 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

Instrument :

MSVOA_X

ClientSampled :

MW-6MSD

Tot Ion: 56 Resp: 336785

Ion Ratio Lower Upper

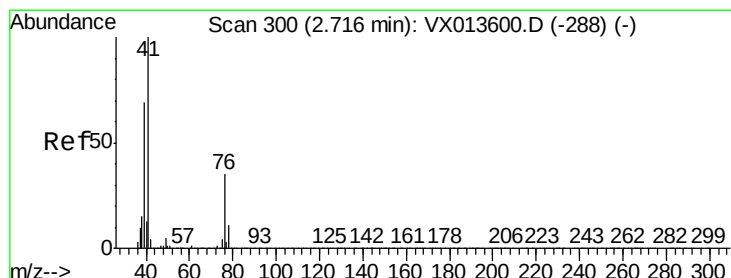
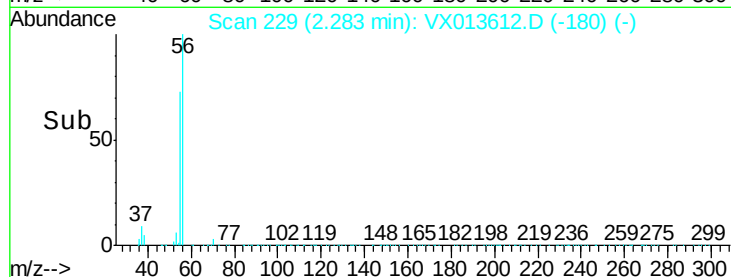
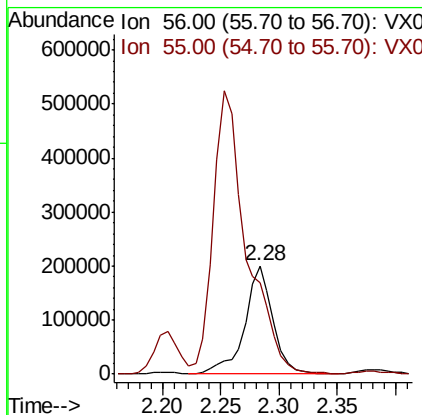
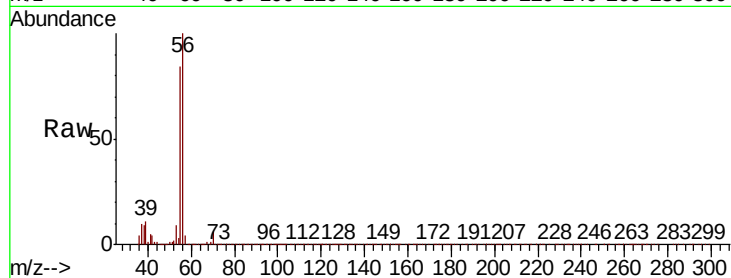
56 100

55 0.0 56.2 84.4#

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#14

Allyl chloride

Concen: 52.236 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

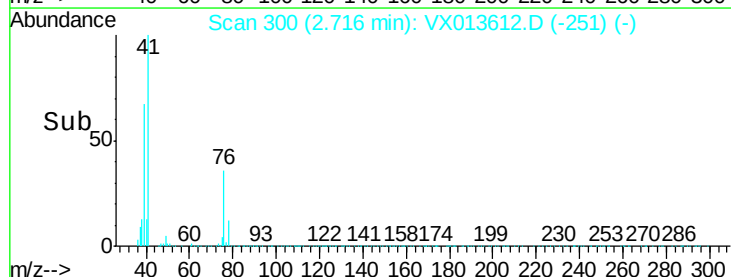
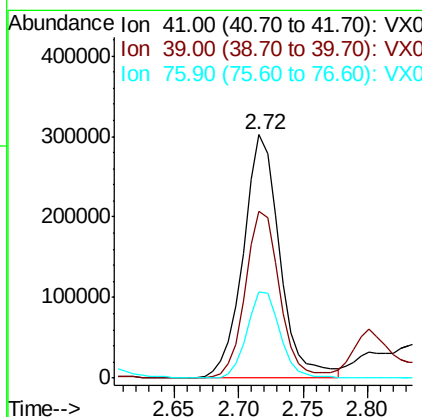
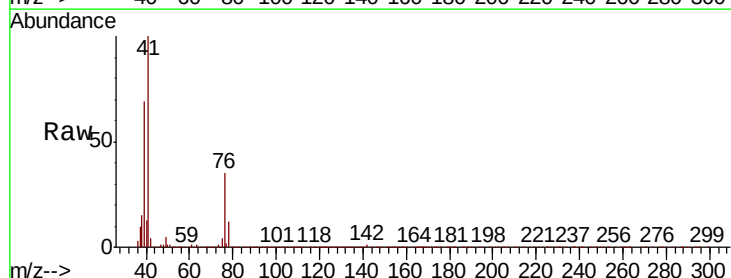
Tgt Ion: 41 Resp: 592082

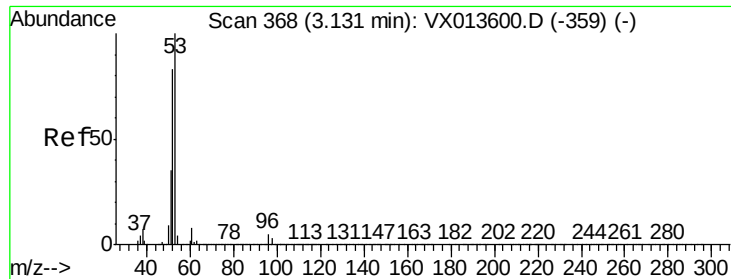
Ion Ratio Lower Upper

41 100

39 63.7 51.7 77.5

76 31.8 25.9 38.9





#15

Acrylonitrile

Concen: 257.825 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

Instrument :

MSVOA_X

ClientSampleId :

MW-6MSD

Tot Ion: 53 Resp: 1000755

Ion Ratio Lower Upper

53 100

52 81.3 66.2 99.2

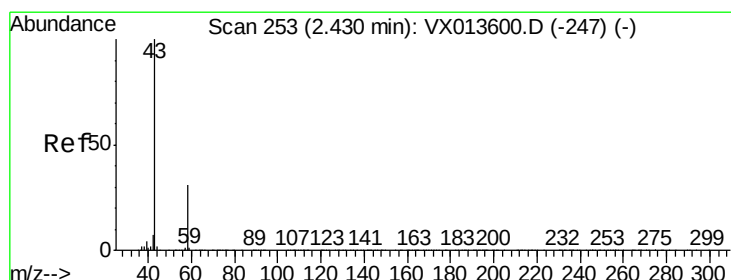
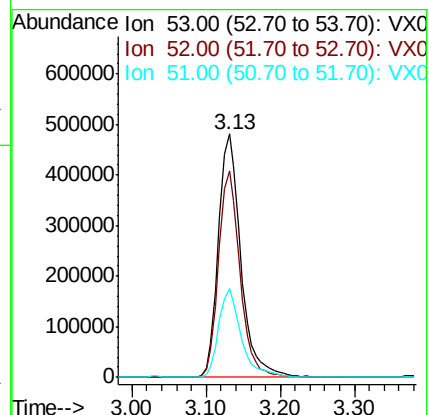
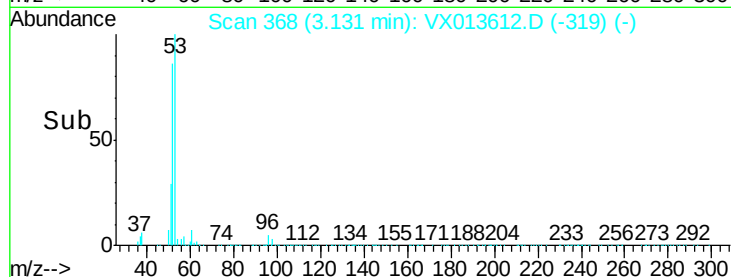
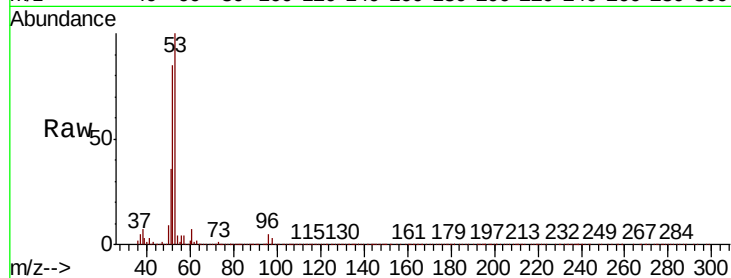
51 36.7 29.0 43.6

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#16

Acetone

Concen: 224.091 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX013612.D

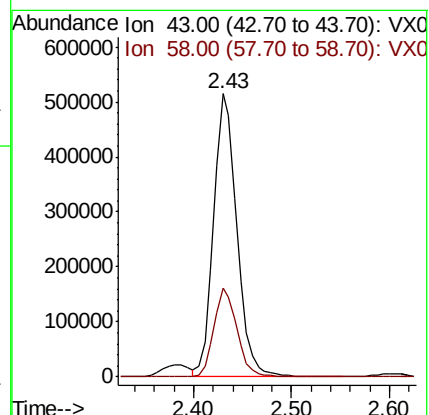
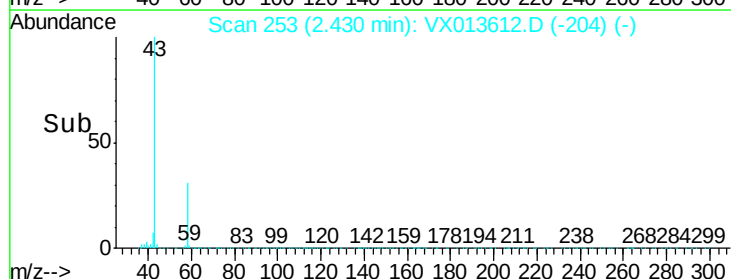
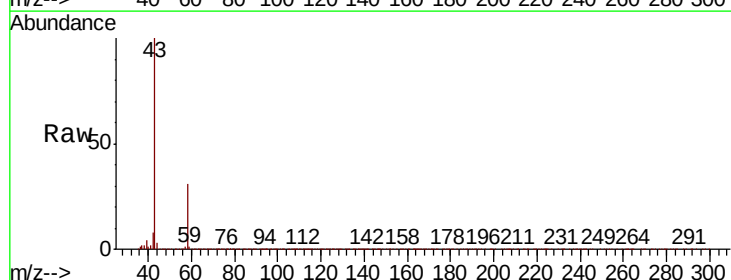
Acq: 26 Nov 2019 20:30

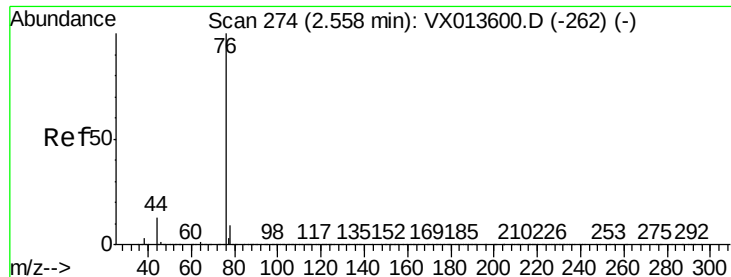
Tgt Ion: 43 Resp: 842853

Ion Ratio Lower Upper

43 100

58 31.2 24.6 36.8





#17

Carbon Disulfide

Concen: 49.675 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

Instrument :

MSVOA_X

ClientSampled :

MW-6MSD

Tot Ion: 76 Resp: 884468

Ion Ratio Lower Upper

76 100

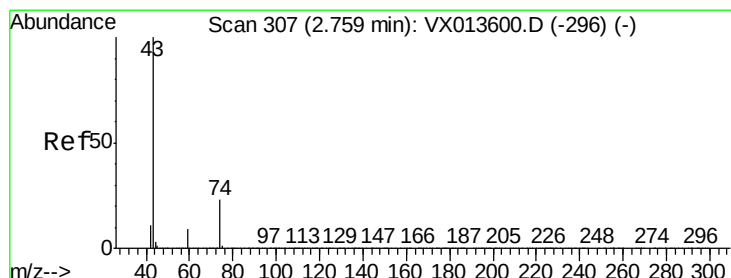
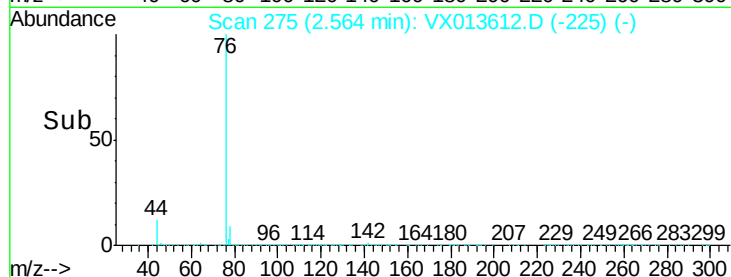
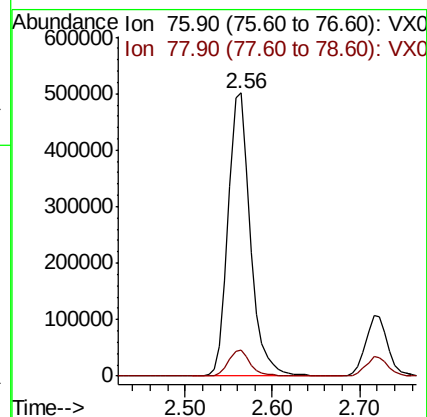
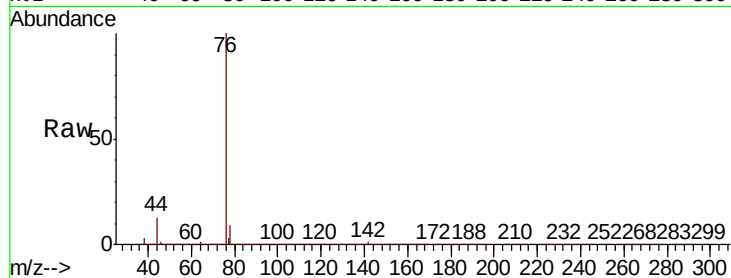
78 9.2 7.2 10.8

Manual Integrations

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#18

Methyl Acetate

Concen: 52.782 ug/l

RT: 2.76 min Scan# 307

Delta R.T. 0.00 min

Lab File: VX013612.D

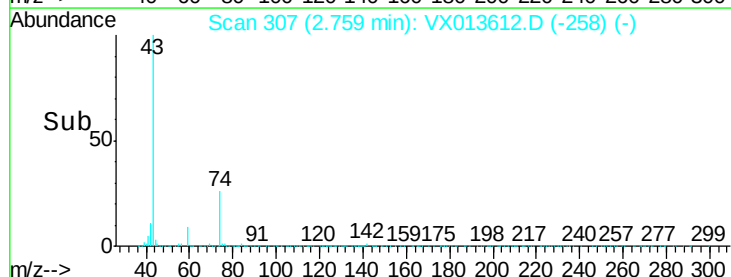
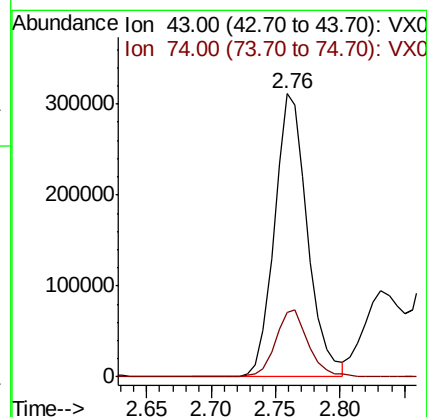
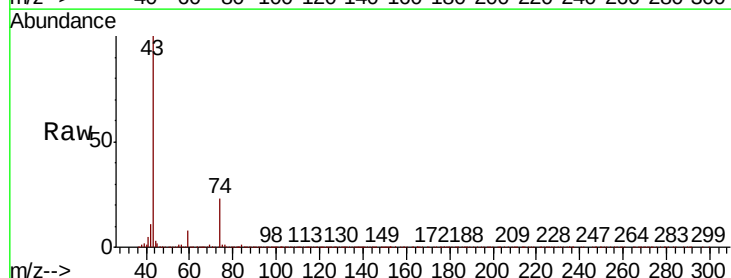
Acq: 26 Nov 2019 20:30

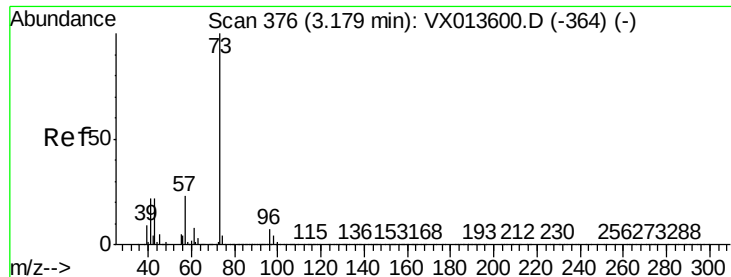
Tgt Ion: 43 Resp: 552812

Ion Ratio Lower Upper

43 100

74 23.8 19.5 29.3





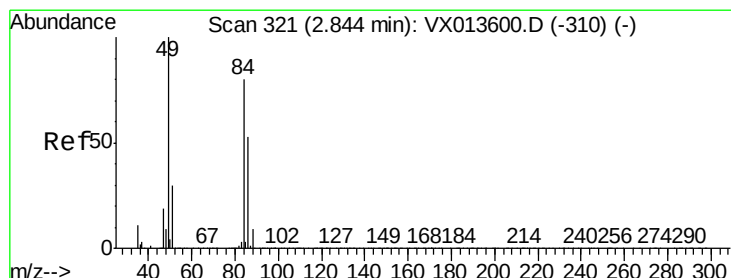
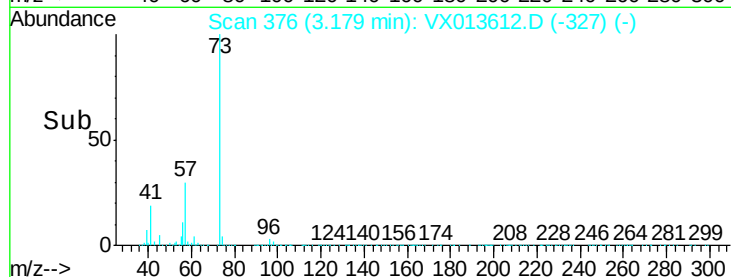
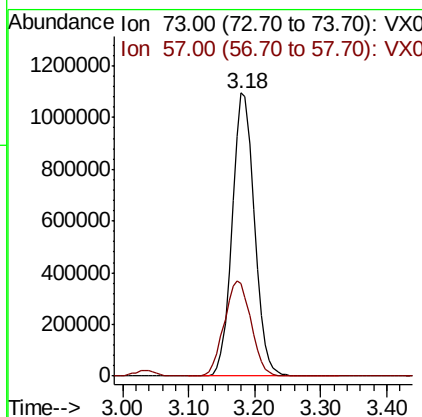
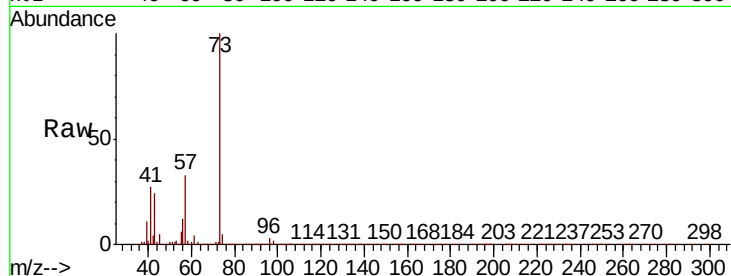
#19
Methyl tert-butyl Ether
Concen: 123.370 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX013612.D
Acq: 26 Nov 2019 20:30

Instrument :
MSVOA_X
ClientSampled :
MW-6MSD

Tot Ion: 73 Resp: 2552663
Ion Ratio Lower Upper
73 100
57 32.5 18.3 27.5#

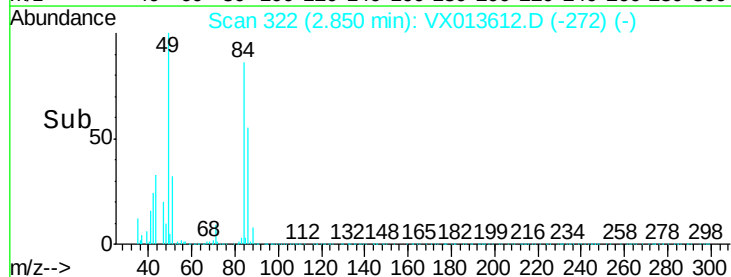
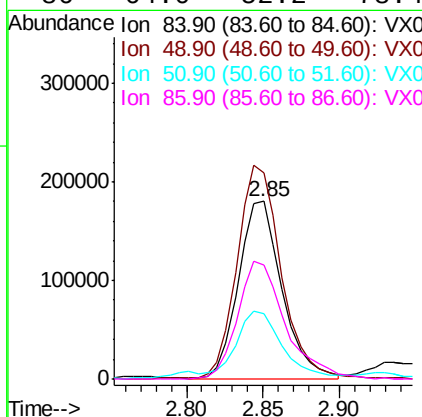
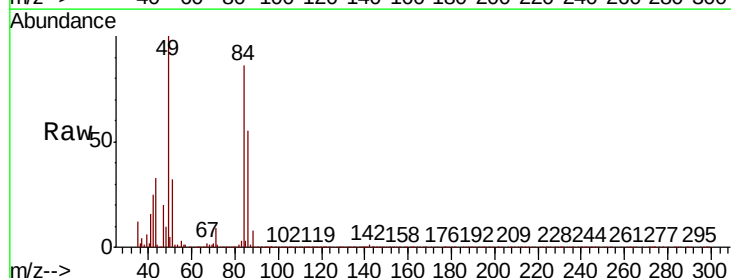
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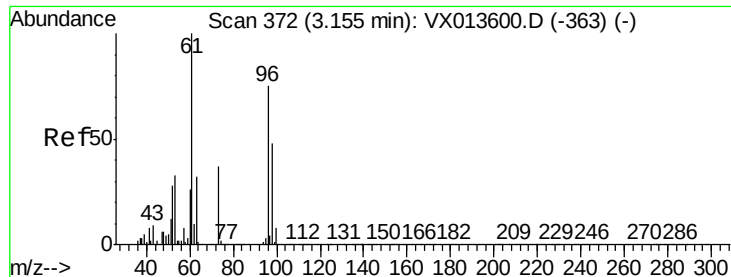
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#20
Methylene Chloride
Concen: 49.101 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013612.D
Acq: 26 Nov 2019 20:30

Tgt Ion: 84 Resp: 354802
Ion Ratio Lower Upper
84 100
49 116.0 99.7 149.5
51 35.4 29.9 44.9
86 64.0 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 50.280 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

Instrument :

MSVOA_X

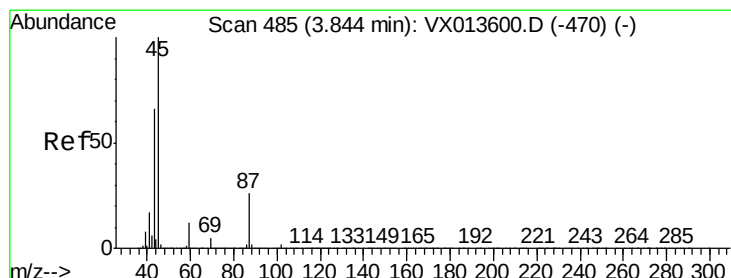
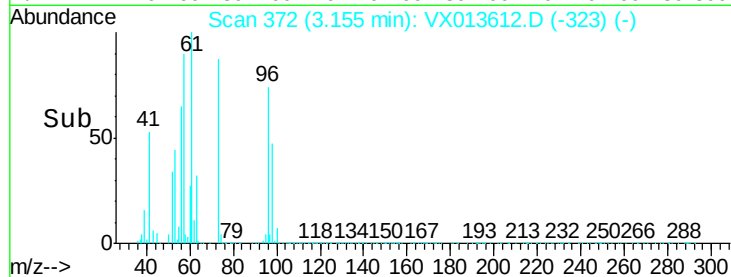
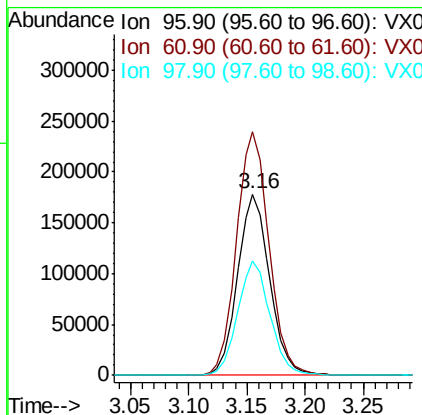
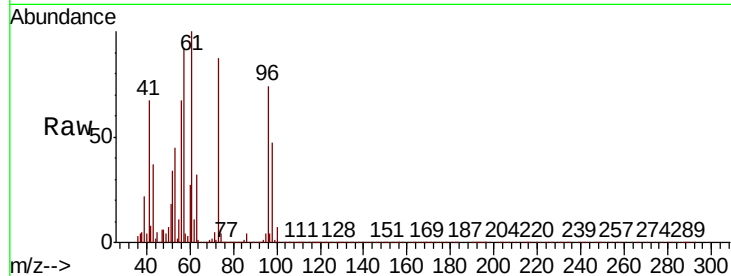
ClientSampleId :

MW-6MSD

Tot Ion:	96	Resp:	342116
Ion	Ratio	Lower	Upper
96	100		
61	134.4	107.2	160.8
98	62.7	51.4	77.0

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#22

Diisopropyl ether

Concen: 53.200 ug/l

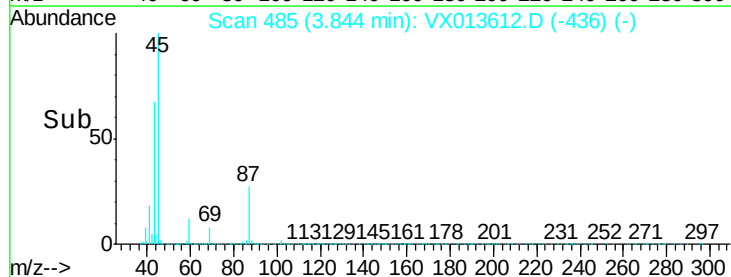
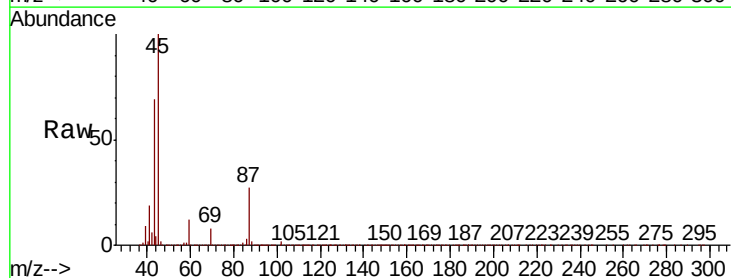
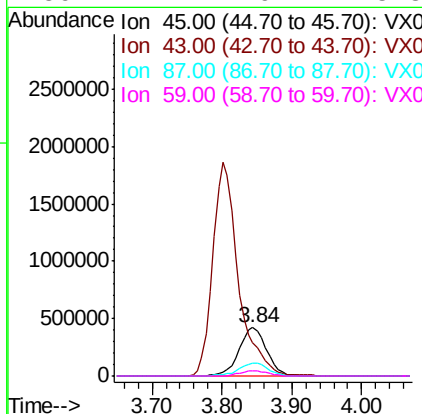
RT: 3.84 min Scan# 485

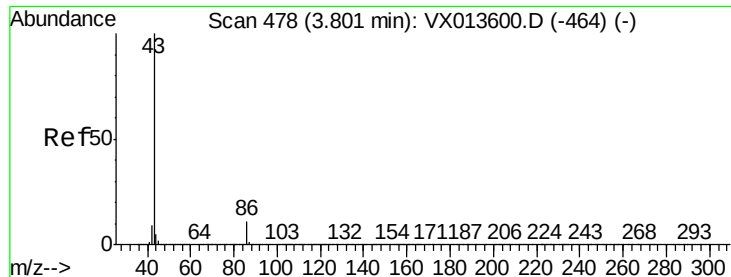
Delta R.T. 0.00 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

Tgt Ion:	45	Resp:	1161096
Ion	Ratio	Lower	Upper
45	100		
43	67.9	52.6	79.0
87	26.9	21.1	31.7
59	11.7	9.2	13.8





#23

Vinyl Acetate

Concen: 261.089 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

Instrument :

MSVOA_X

ClientSampled :

MW-6MSD

Tot Ion: 43 Resp: 4740433

Ion Ratio Lower Upper

43 100

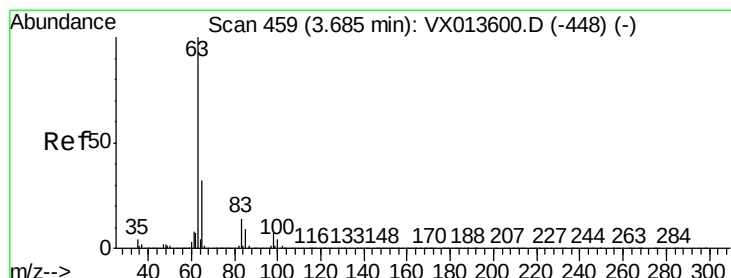
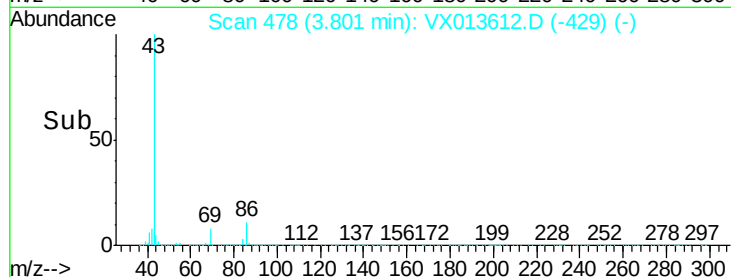
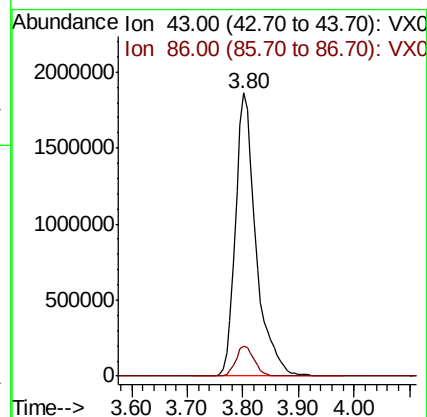
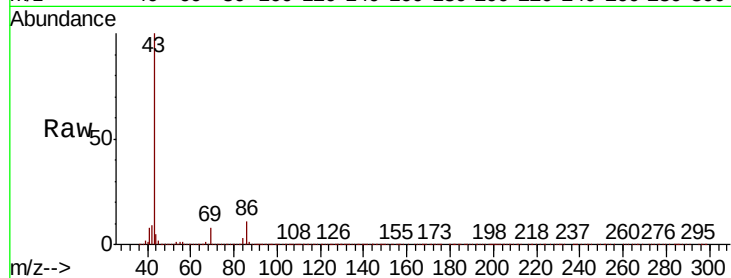
86 10.8 8.7 13.1

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#24

1,1-Dichloroethane

Concen: 51.592 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

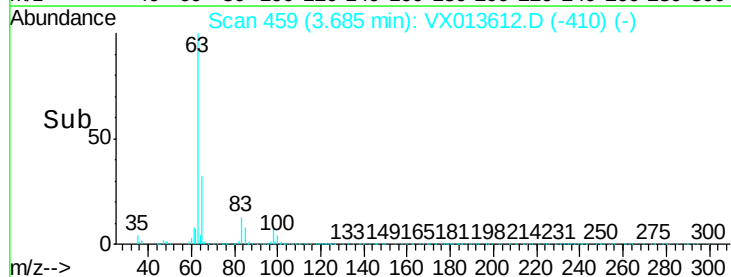
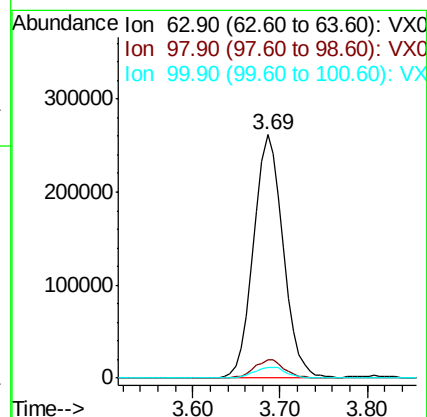
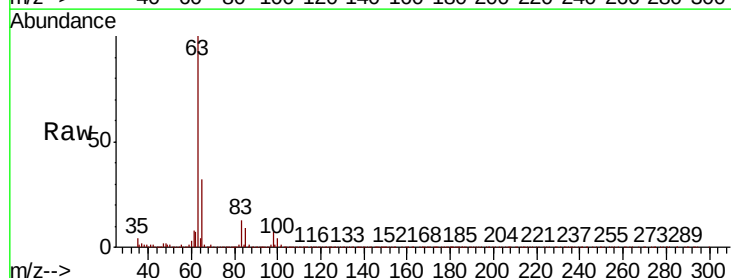
Tgt Ion: 63 Resp: 615549

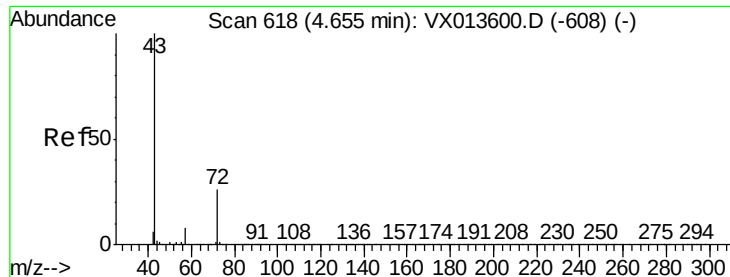
Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.4

100 4.3 2.1 6.3





#25

2-Butanone

Concen: 247.734 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

Instrument :

MSVOA_X

ClientSampleId :

MW-6MSD

Tot Ion: 43 Resp: 1384799

Ion Ratio Lower Upper

43 100

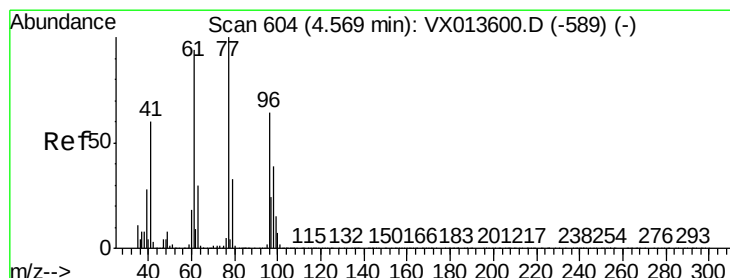
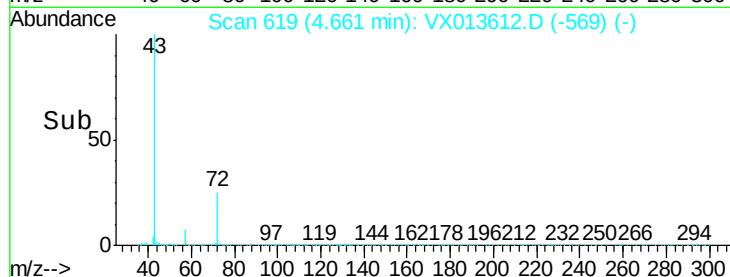
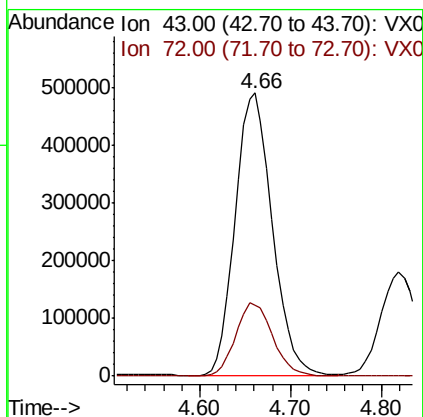
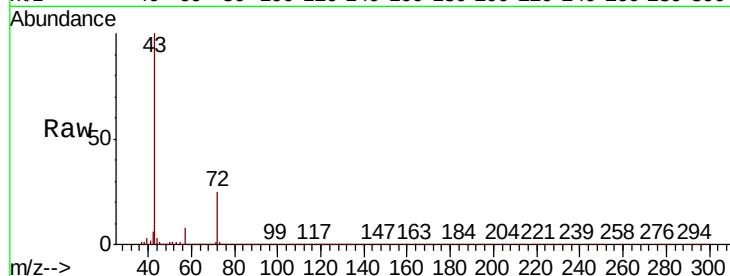
72 25.1 20.6 31.0

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#26

2,2-Dichloropropane

Concen: 47.610 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013612.D

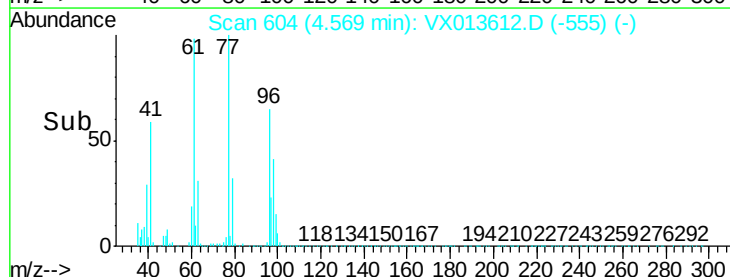
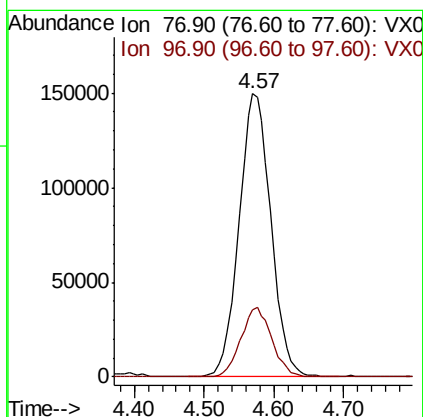
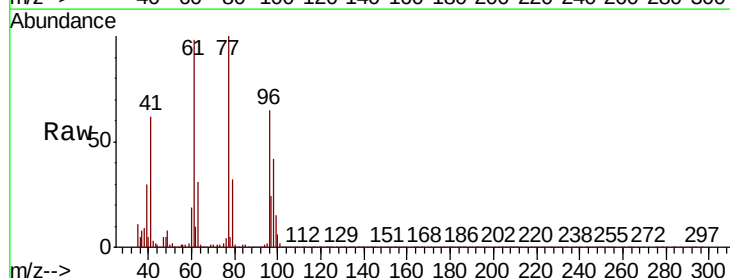
Acq: 26 Nov 2019 20:30

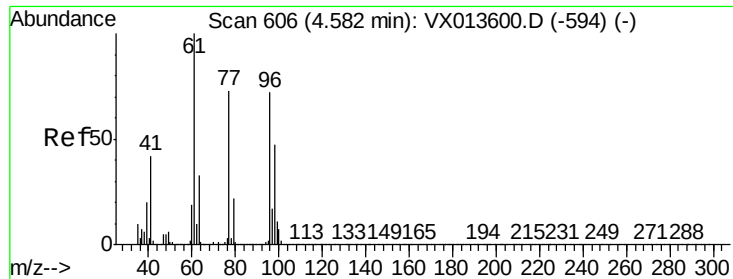
Tgt Ion: 77 Resp: 469983

Ion Ratio Lower Upper

77 100

97 24.2 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 50.067 ug/l

RT: 4.58 min Scan# 606

Delta R.T. 0.00 min

Lab File: VX013612.D

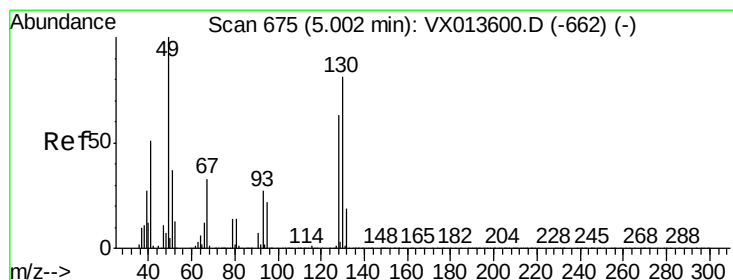
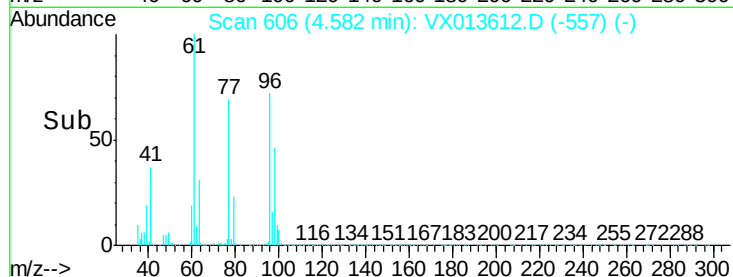
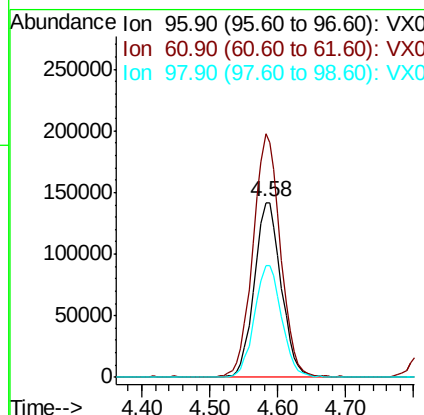
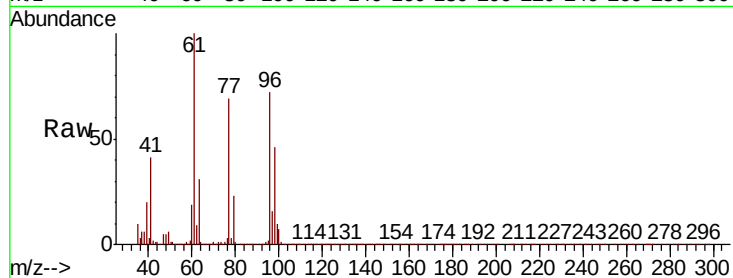
Acq: 26 Nov 2019 20:30

Instrument :
MSVOA_X
ClientSampleId :
MW-6MSD

Tot Ion	Ratio	Resp Lower	Upper
96	100		
61	141.6	0.0	286.4
98	64.7	0.0	127.4

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#28

Bromochloromethane

Concen: 50.486 ug/l

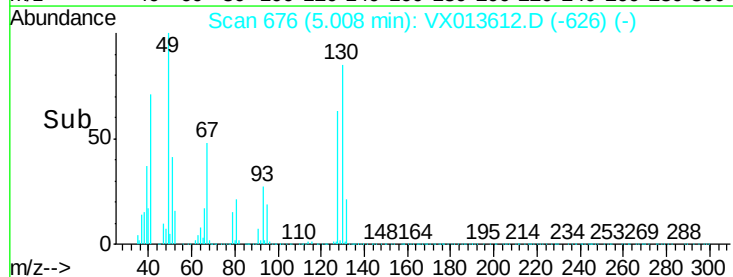
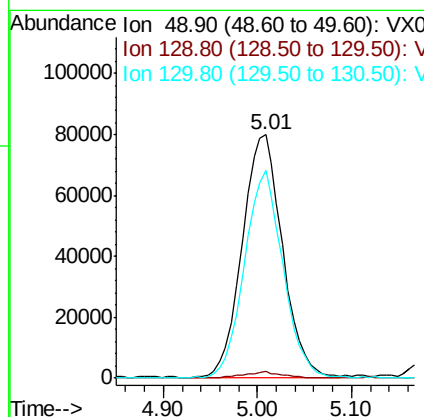
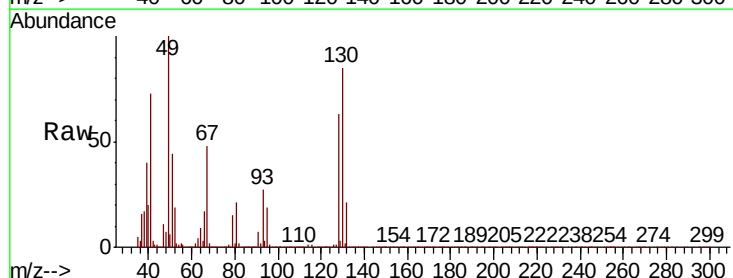
RT: 5.01 min Scan# 676

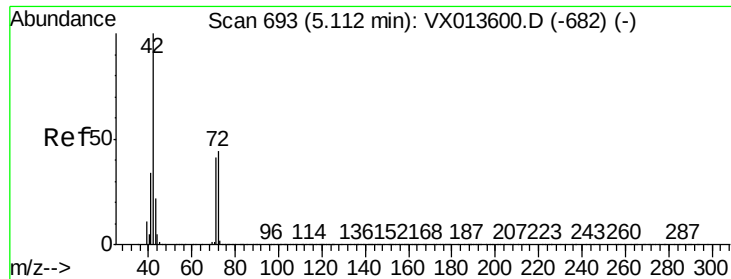
Delta R.T. 0.01 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

Tgt Ion	Ratio	Resp Lower	Upper
49	100		
129	2.4	0.0	5.0
130	82.2	65.4	98.0





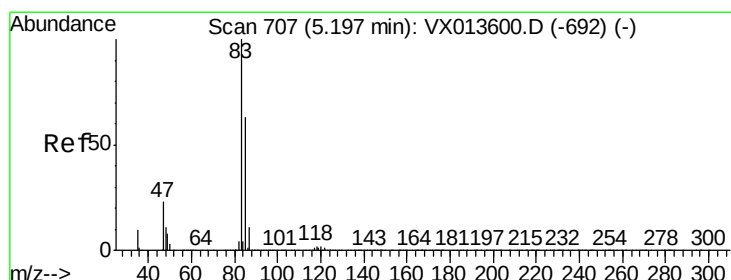
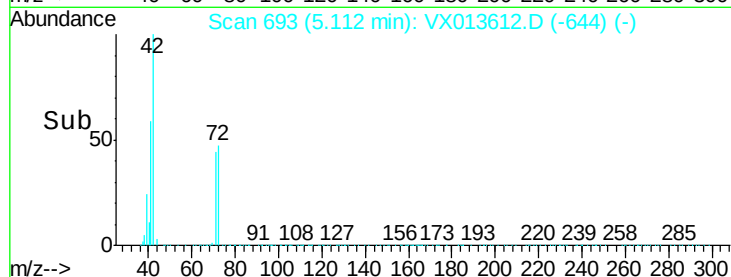
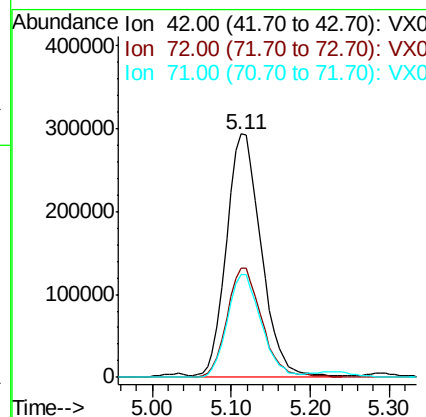
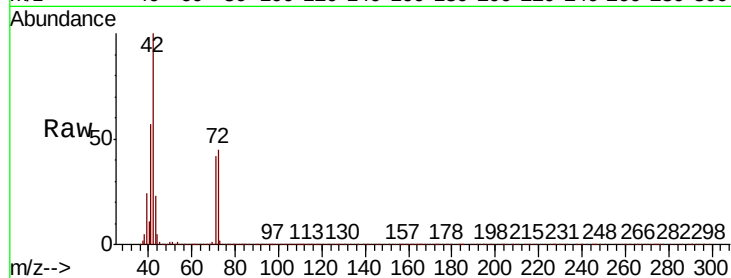
#29
Tetrahydrofuran
Concen: 260.986 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX013612.D
Acq: 26 Nov 2019 20:30

Instrument :
MSVOA_X
ClientSampleId :
MW-6MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.0	36.3	54.5
71	41.3	33.2	49.8

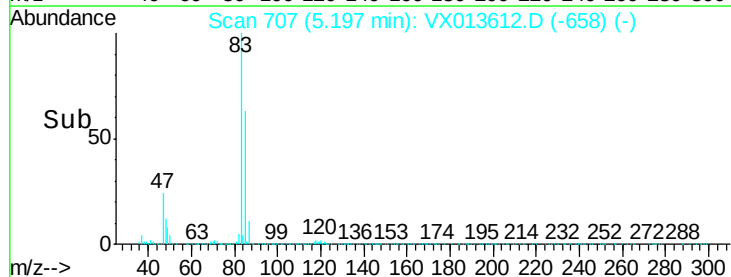
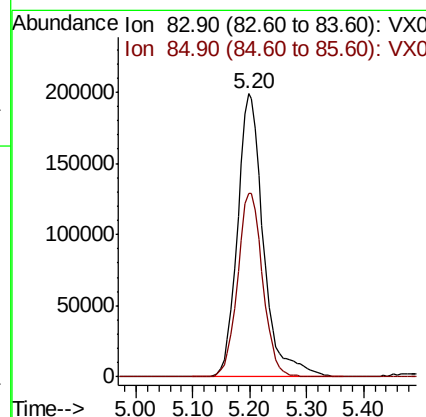
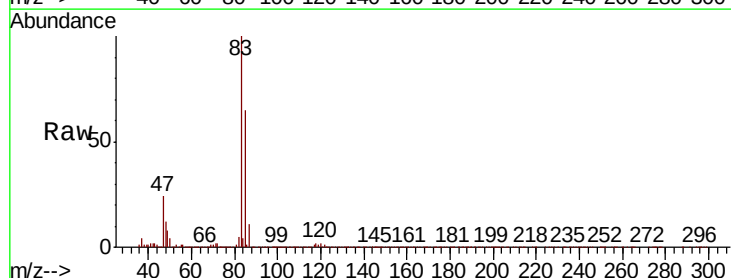
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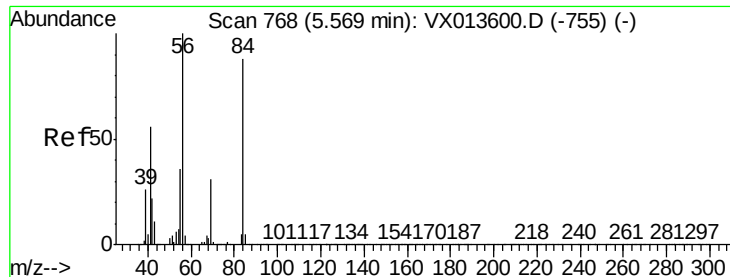
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#30
Chloroform
Concen: 52.080 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX013612.D
Acq: 26 Nov 2019 20:30

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	50.2	75.4





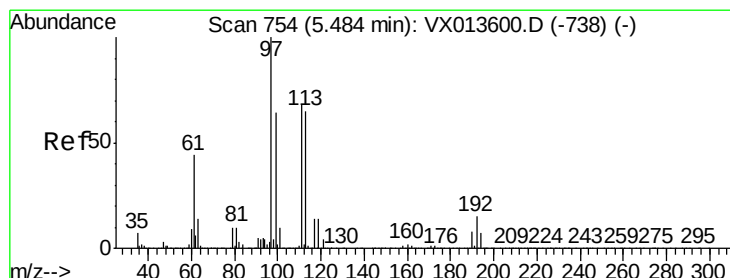
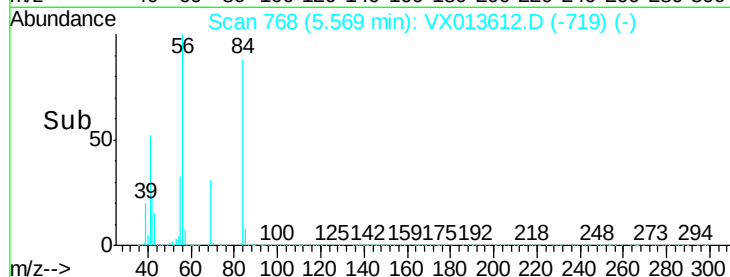
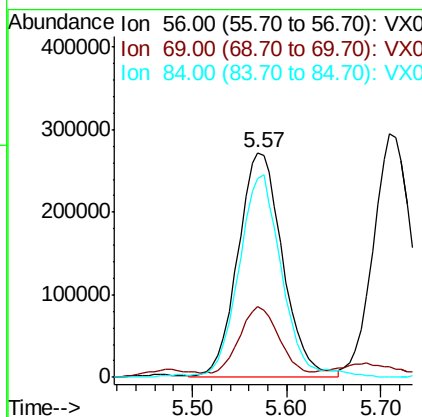
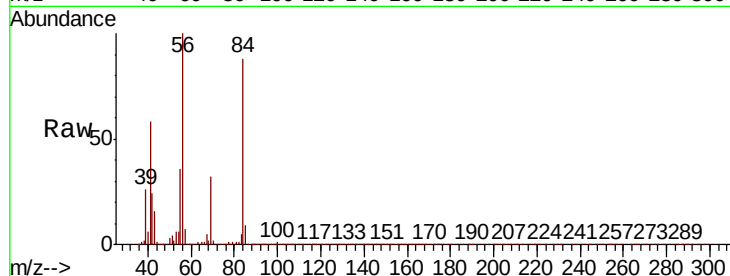
#31
Cyclohexane
Concen: 79.989 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013612.D
Acq: 26 Nov 2019 20:30

Instrument :
MSVOA_X
ClientSampleId :
MW-6MSD

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.2	24.6	36.8
84	87.8	70.0	105.0

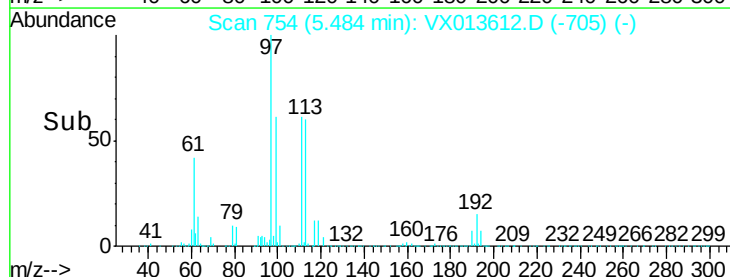
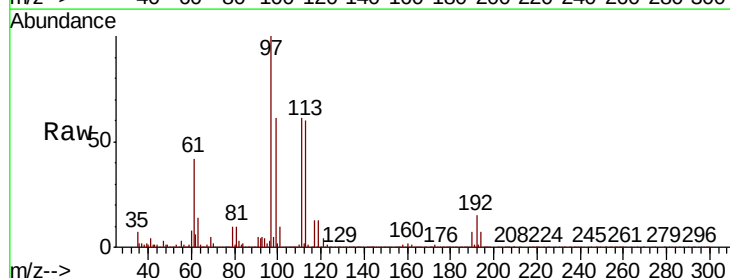
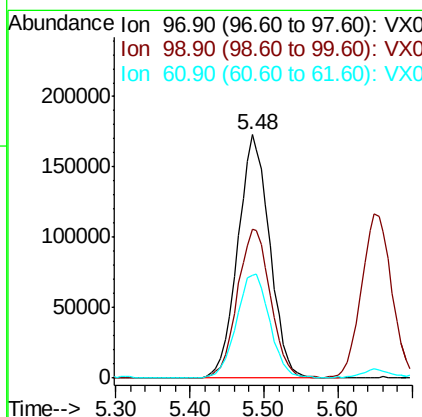
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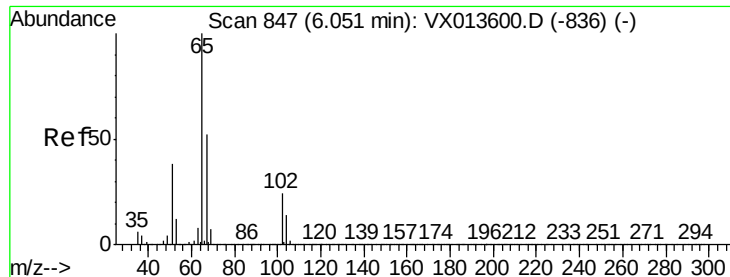
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#32
1,1,1-Trichloroethane
Concen: 51.129 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX013612.D
Acq: 26 Nov 2019 20:30

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.6	77.4
61	44.6	36.1	54.1





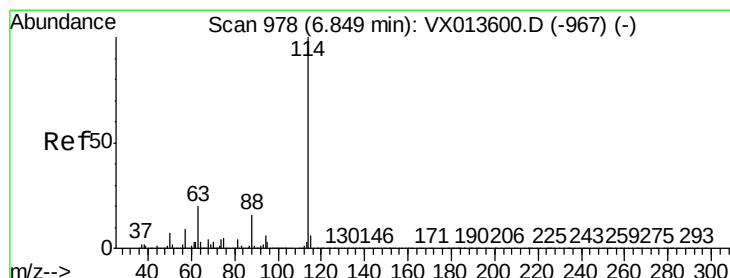
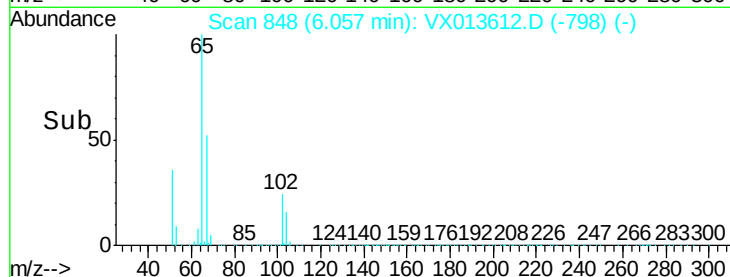
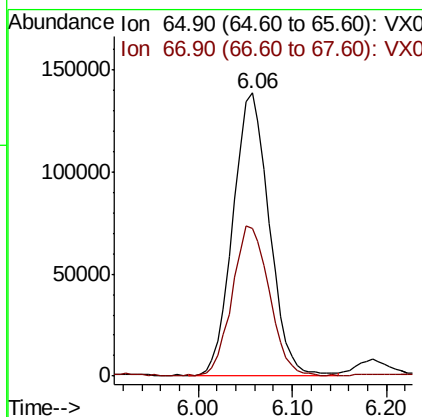
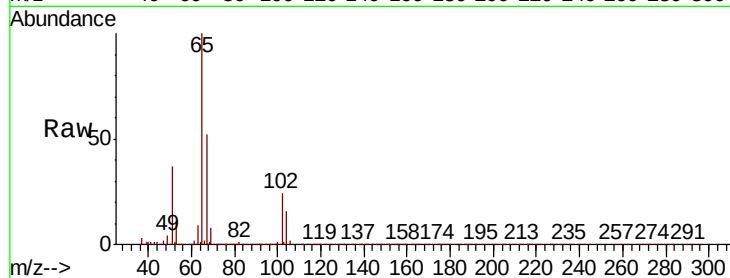
#33
 1,2-Dichloroethane-d4
 Concen: 48.612 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX013612.D
 Acq: 26 Nov 2019 20:30

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6MSD

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	104.4

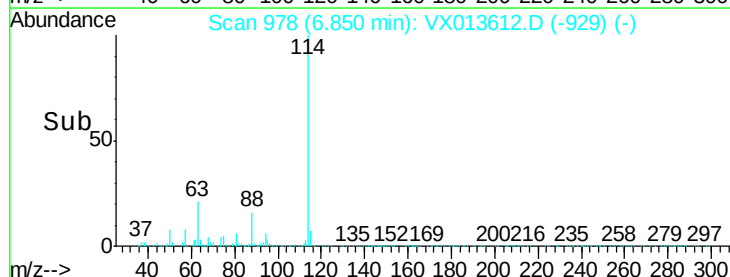
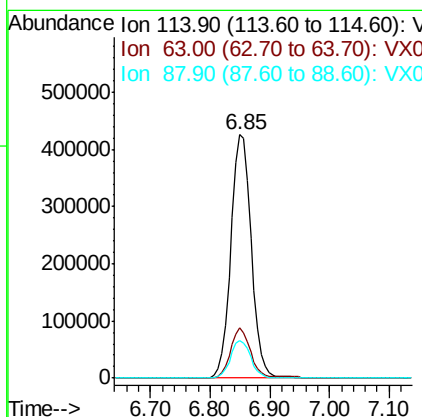
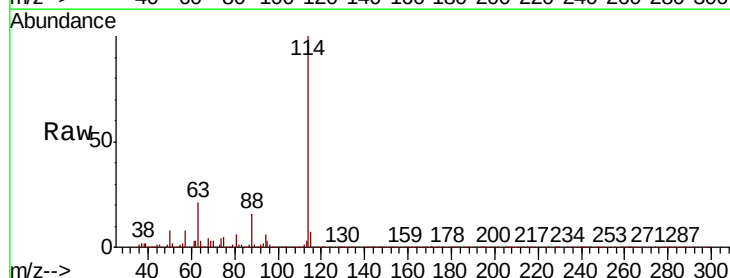
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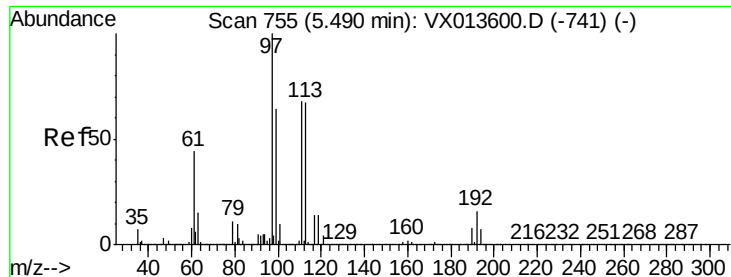
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013612.D
 Acq: 26 Nov 2019 20:30

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	39.6
88	15.6	0.0	31.4





#35

Dibromofluoromethane

Concen: 49.765 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

Instrument :

MSVOA_X

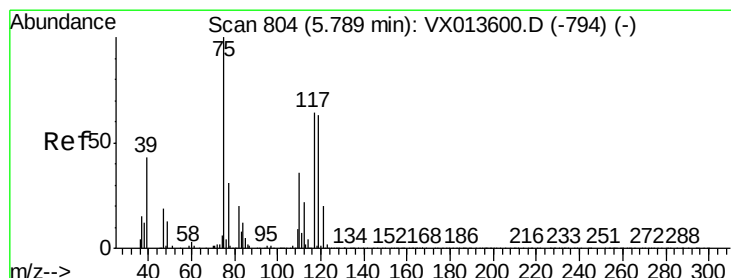
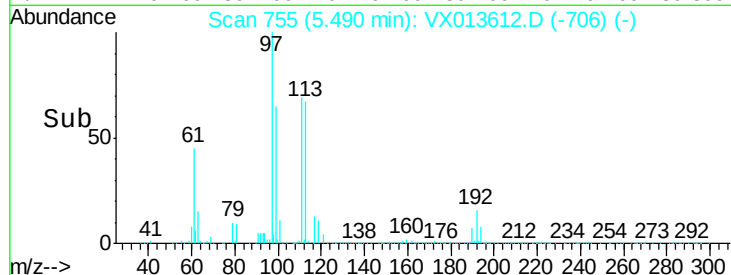
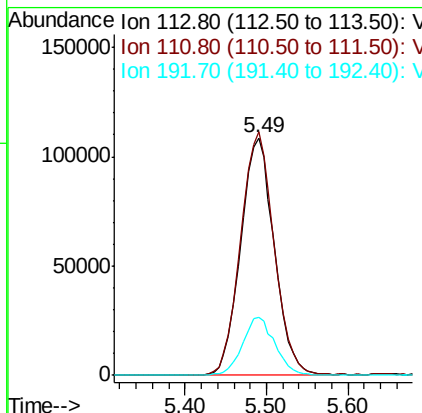
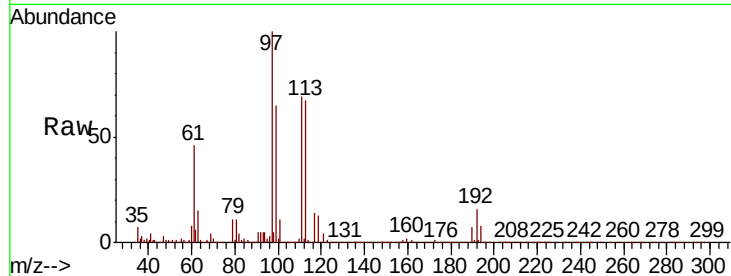
ClientSampleId :

MW-6MSD

Tot Ion:	113	Resp:	311874
Ion Ratio	Lower	Upper	
113	100		
111	101.8	83.6	125.4
192	23.5	19.2	28.8

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#36

1,1-Dichloropropene

Concen: 50.944 ug/l

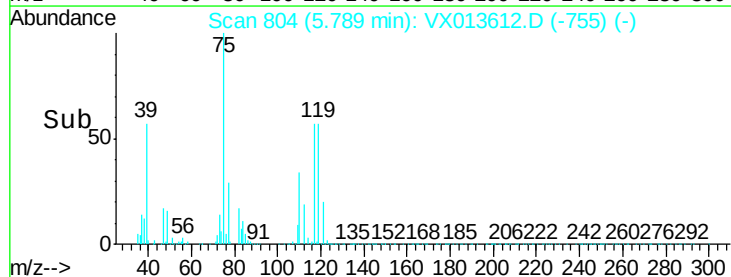
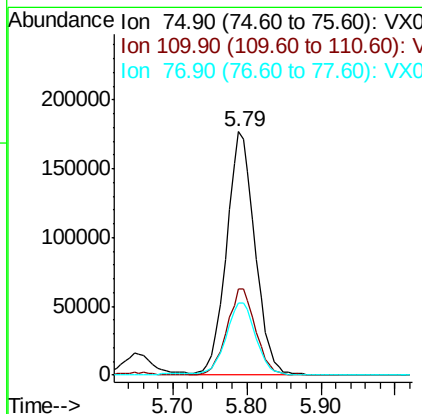
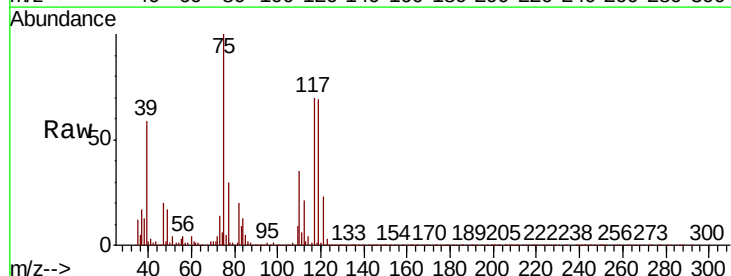
RT: 5.79 min Scan# 804

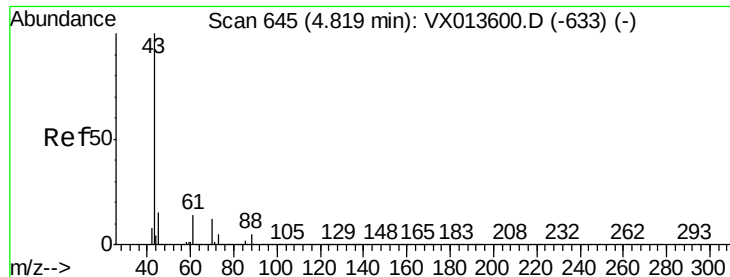
Delta R.T. 0.00 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

Tgt Ion:	75	Resp:	468789
Ion Ratio	Lower	Upper	
75	100		
110	35.5	18.1	54.1
77	31.6	24.5	36.7





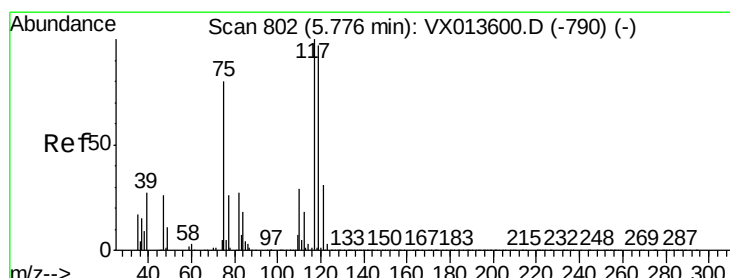
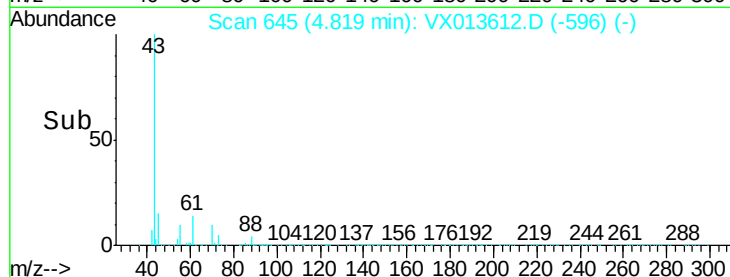
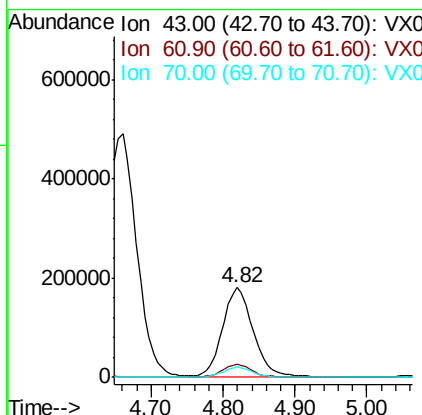
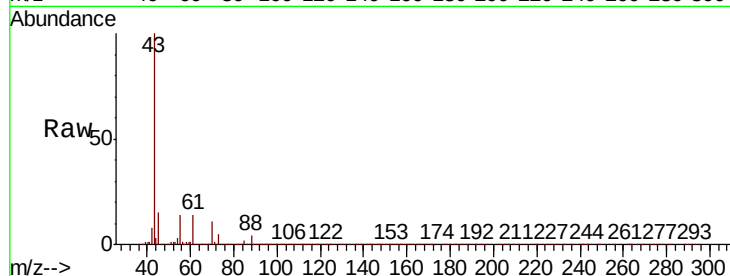
#37
Ethyl Acetate
Concen: 51.470 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013612.D
Acq: 26 Nov 2019 20:30

Instrument :
MSVOA_X
ClientSampleId :
MW-6MSD

Tot Ion	43	Resp	531338
Ion Ratio	Lower	Upper	
43	100		
61	13.9	11.0	16.4
70	10.8	8.6	12.8

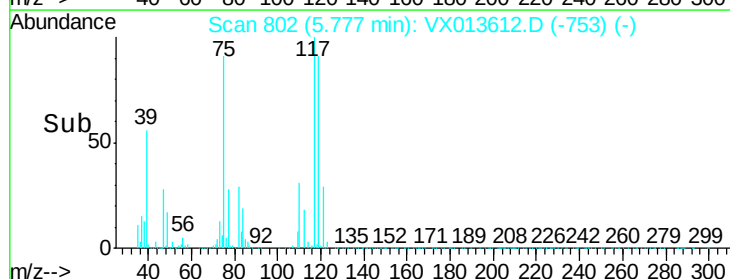
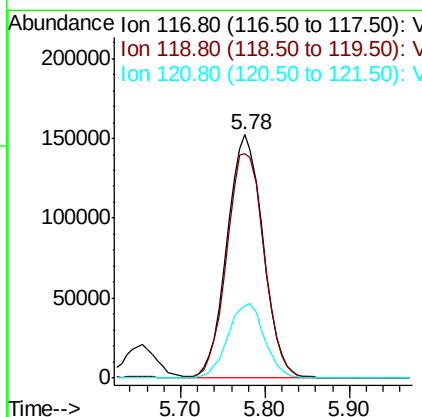
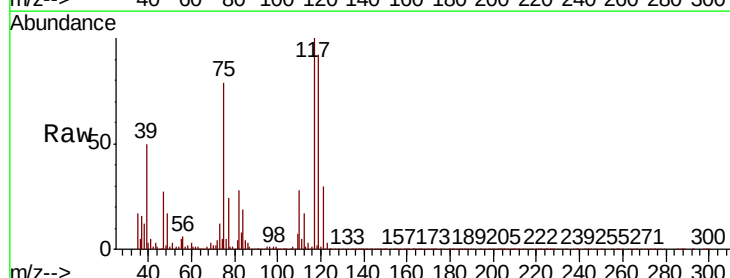
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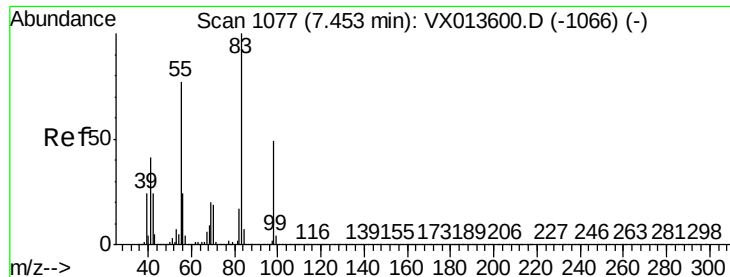
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#38
Carbon Tetrachloride
Concen: 51.940 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013612.D
Acq: 26 Nov 2019 20:30

Tgt Ion	117	Resp	440713
Ion Ratio	Lower	Upper	
117	100		
119	92.4	77.5	116.3
121	29.5	25.0	37.6





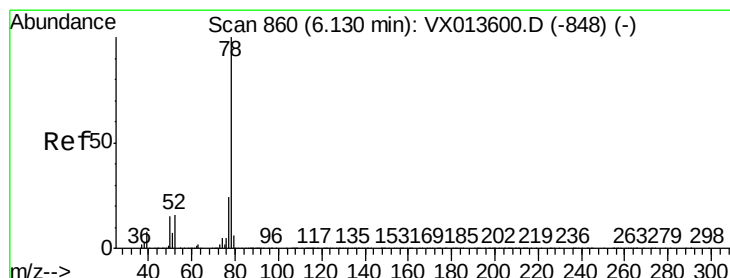
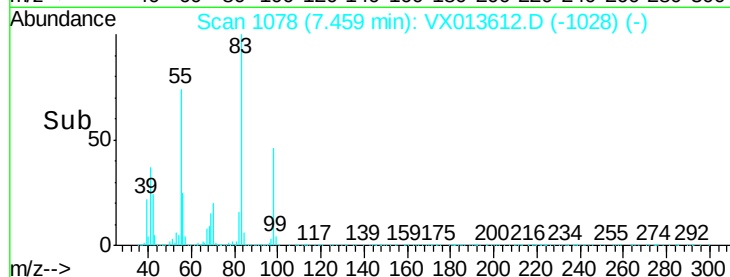
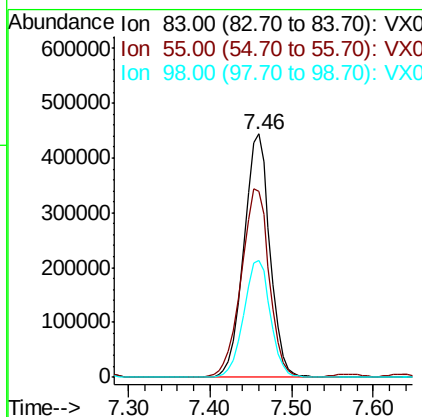
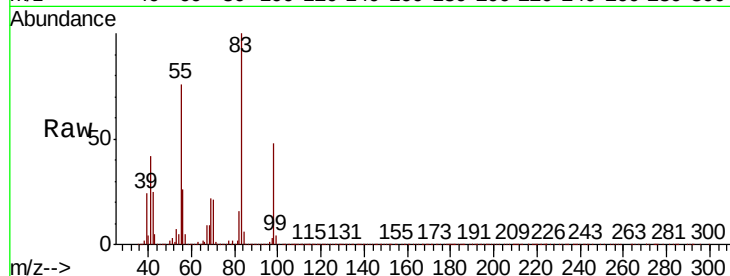
#39
Methylvlcyclohexane
Concen: 86.577 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013612.D
Acq: 26 Nov 2019 20:30

Instrument :
MSVOA_X
ClientSampleId :
MW-6MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.0	61.9	92.9
98	47.7	39.4	59.0

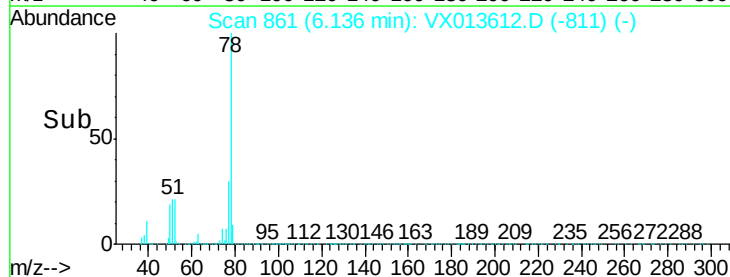
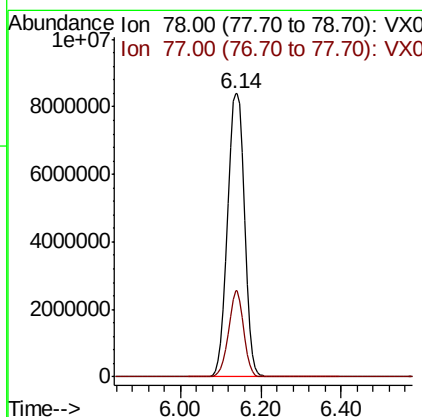
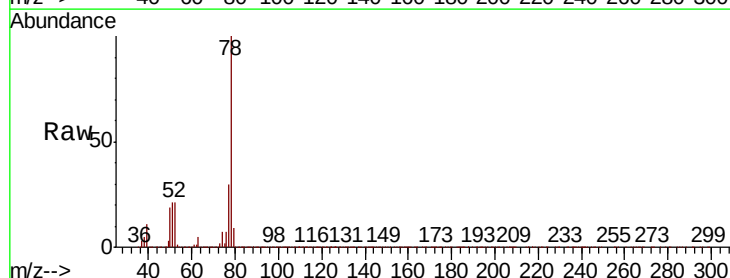
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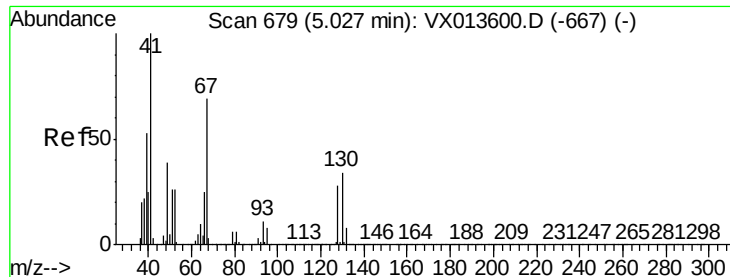
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#40
Benzene
Concen: 901.082 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013612.D
Acq: 26 Nov 2019 20:30

Tgt Ion	Ratio	Lower	Upper
78	100		
77	30.4	19.0	28.4





#41

Methacrylonitrile

Concen: 53.785 ug/l

RT: 5.03 min Scan# 679

Delta R.T. 0.00 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

Instrument :

MSVOA_X

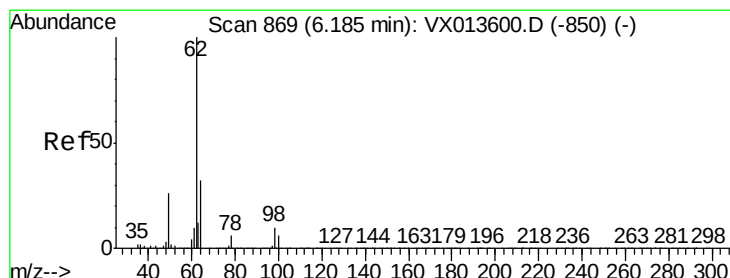
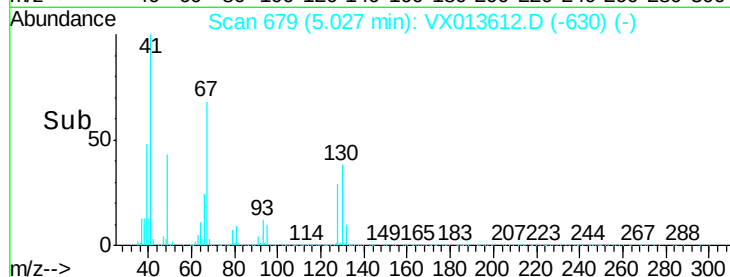
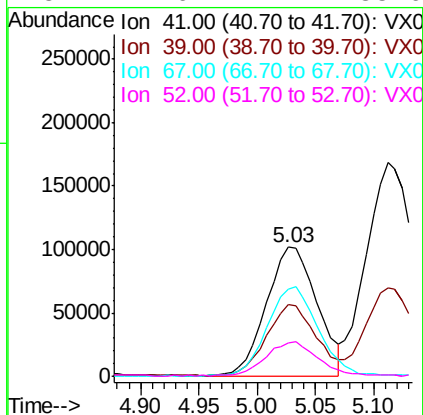
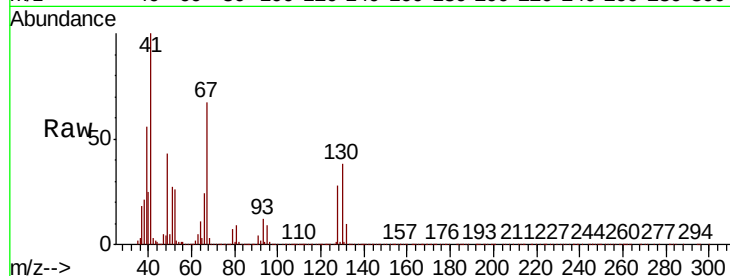
ClientSampleId :

MW-6MSD

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.0	42.9	64.3	
67	69.8	57.4	86.0	
52	27.6	22.4	33.6	

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#42

1,2-Dichloroethane

Concen: 48.881 ug/l

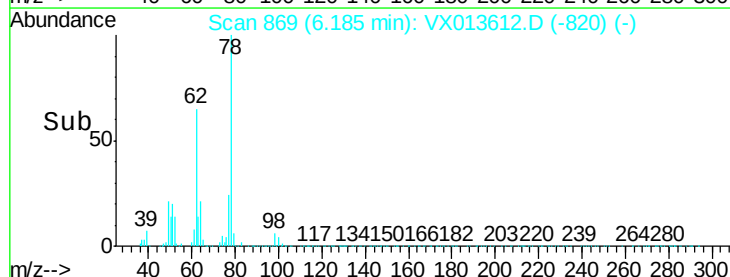
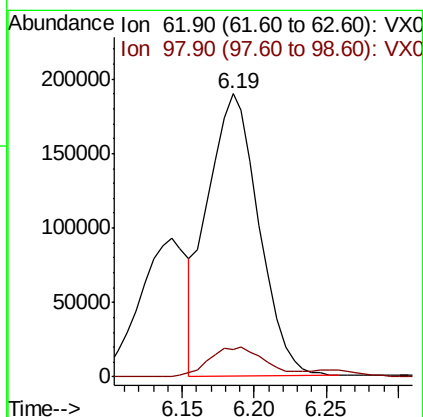
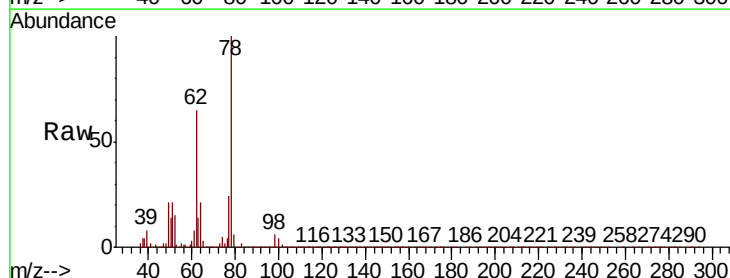
RT: 6.19 min Scan# 869

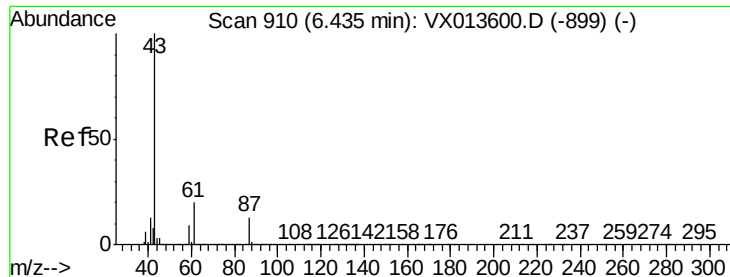
Delta R.T. 0.00 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	11.7	0.0	20.8	





#43

Isopropyl Acetate

Concen: 348.287 ug/l

RT: 6.42 min Scan# 908

Delta R.T. -0.01 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

Instrument :

MSVOA_X

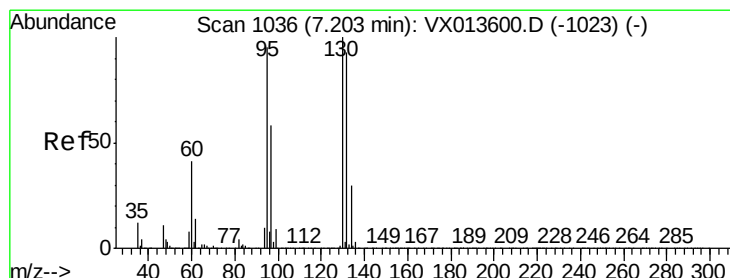
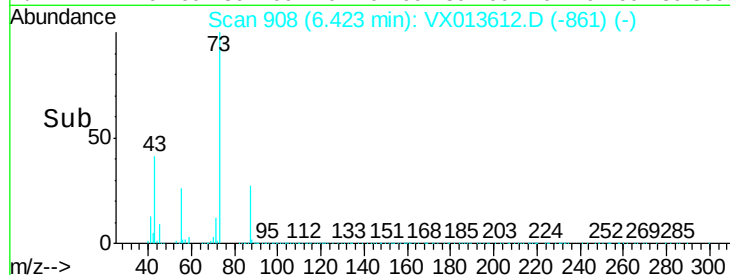
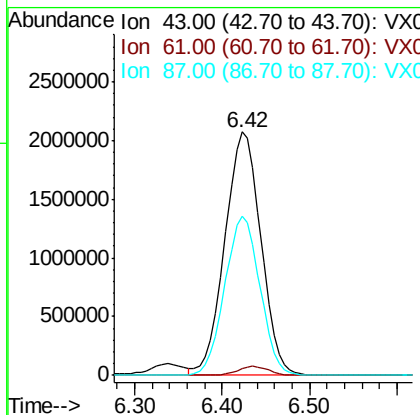
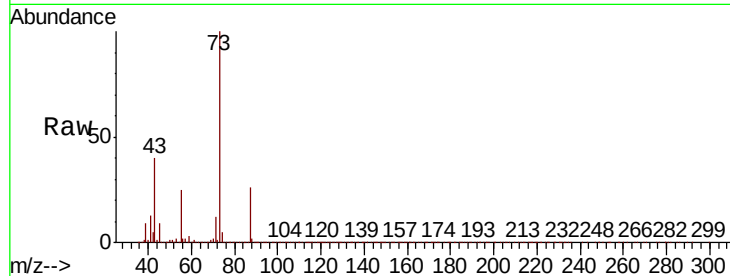
ClientSampleId :

MW-6MSD

Tot Ion:	43	Resp:	5919231
Ion	Ratio	Lower	Upper
43	100		
61	3.2	16.3	24.5#
87	64.0	10.8	16.2#

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#44

Trichloroethene

Concen: 49.404 ug/l

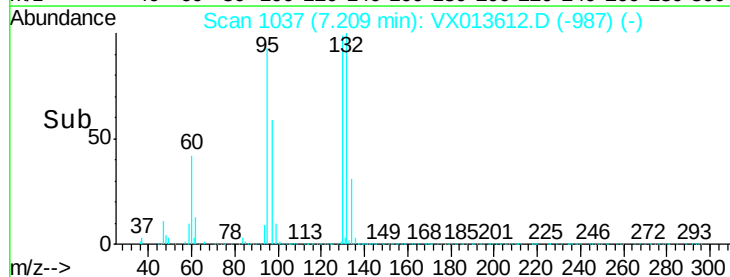
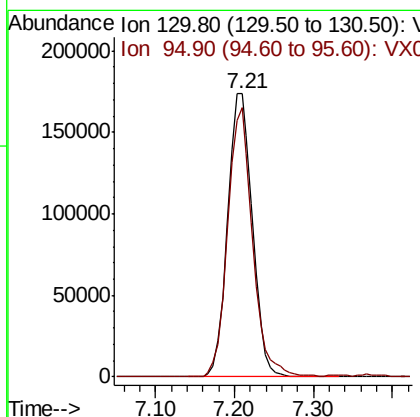
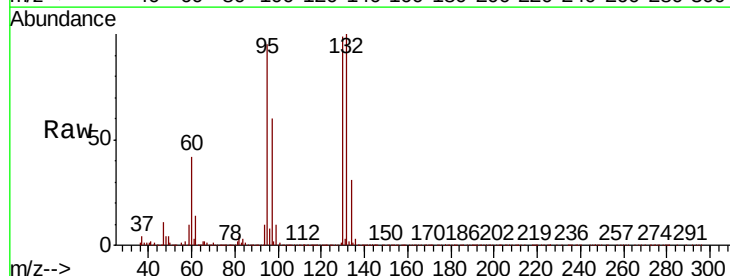
RT: 7.21 min Scan# 1037

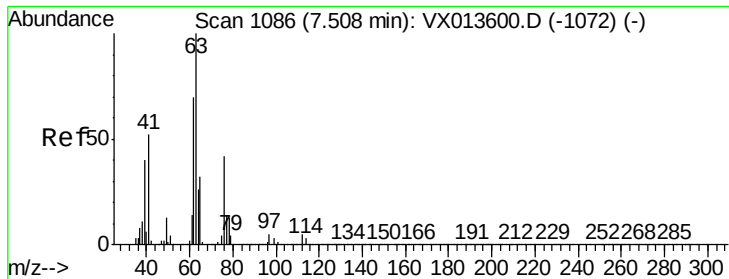
Delta R.T. 0.01 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

Tgt Ion:	130	Resp:	380002
Ion	Ratio	Lower	Upper
130	100		
95	95.1	0.0	190.8





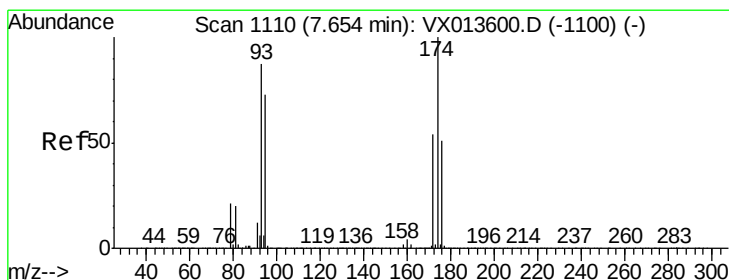
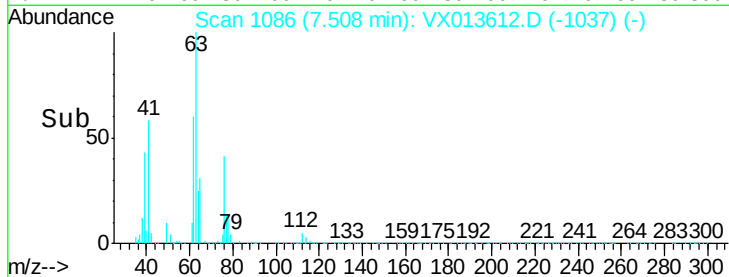
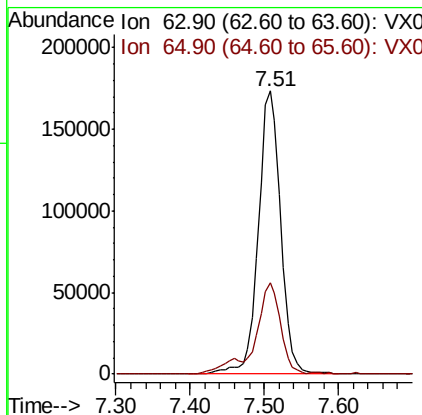
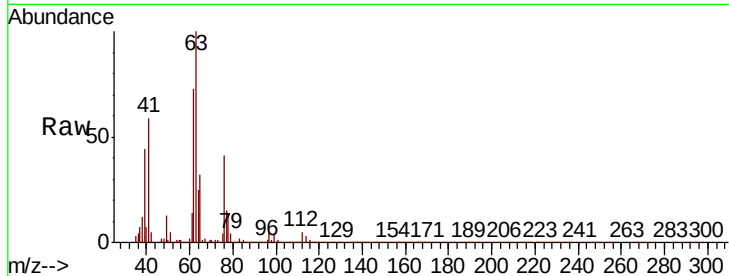
#45
 1,2-Dichloropropane
 Concen: 51.920 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX013612.D
 Acq: 26 Nov 2019 20:30

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6MSD

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.9	25.5	38.3

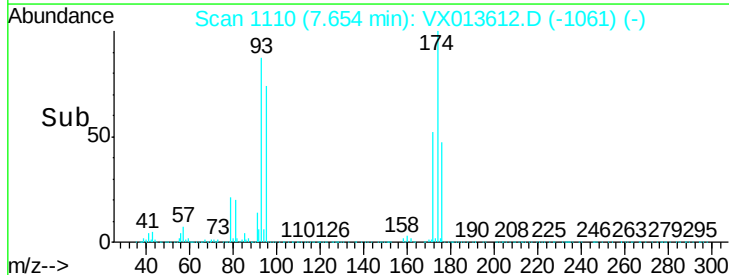
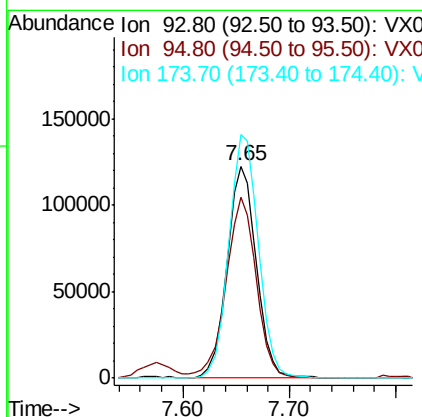
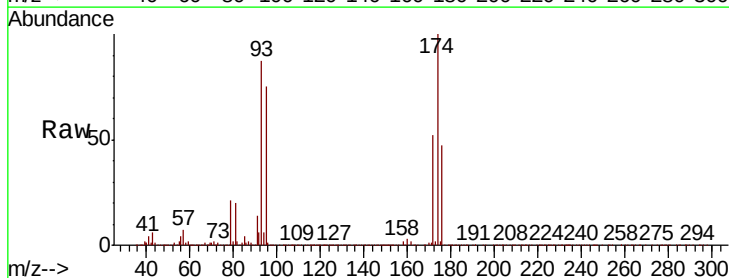
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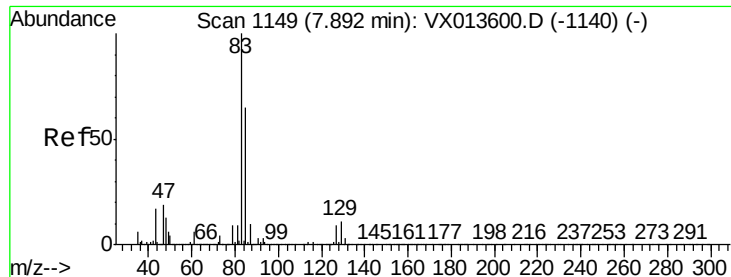
apatel
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#46
 Dibromomethane
 Concen: 49.219 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX013612.D
 Acq: 26 Nov 2019 20:30

Tgt Ion	Ratio	Lower	Upper
93	100		
95	88.0	66.2	99.2
174	117.6	93.4	140.0





#47

Bromodichloromethane

Concen: 52.786 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

Instrument :

MSVOA_X

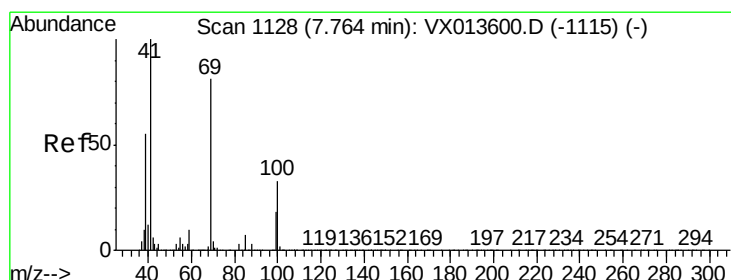
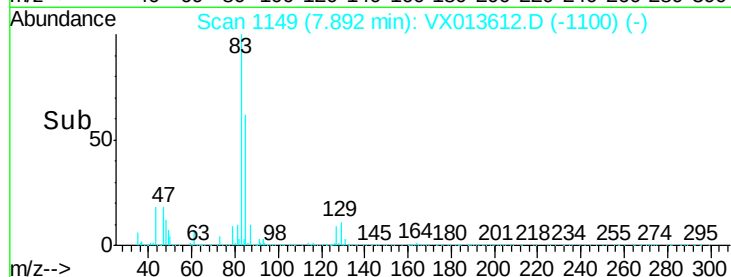
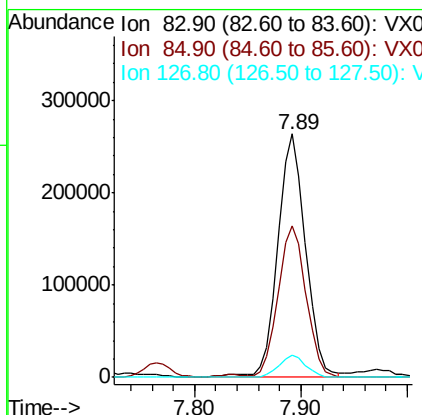
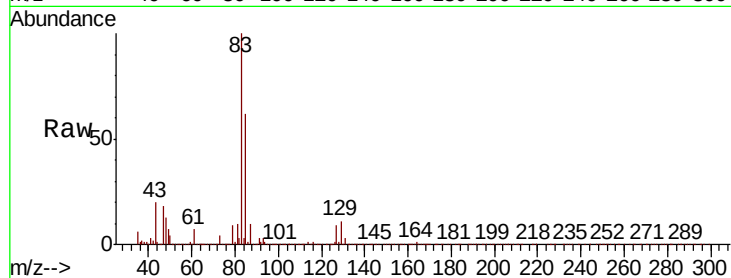
ClientSampled :

MW-6MSD

Tot Ion:	83	Resp:	475246
Ion	Ratio	Lower	Upper
83	100		
85	61.7	52.1	78.1
127	9.1	7.0	10.4

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#48

Methyl methacrylate

Concen: 59.379 ug/l

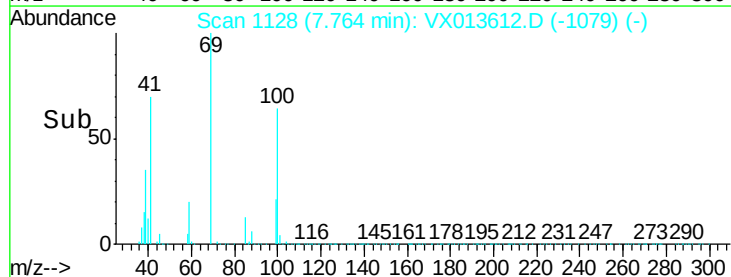
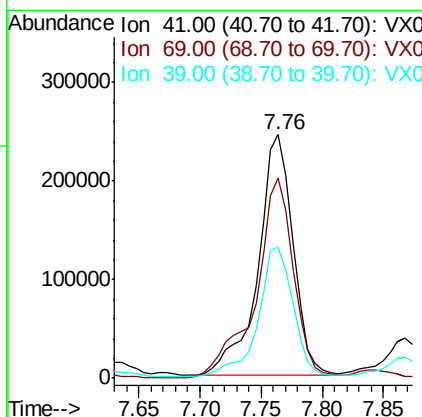
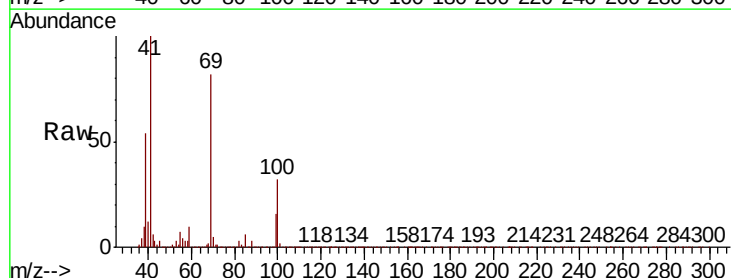
RT: 7.76 min Scan# 1128

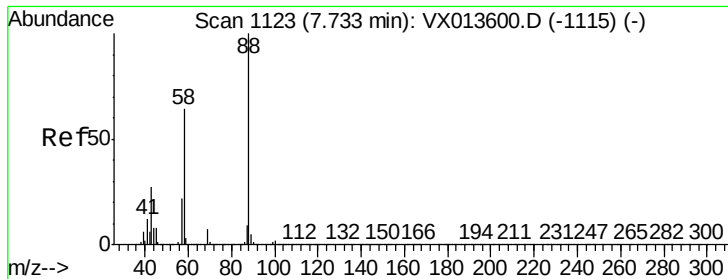
Delta R.T. 0.00 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

Tgt Ion:	41	Resp:	490326
Ion	Ratio	Lower	Upper
41	100		
69	89.8	64.7	97.1
39	53.9	43.8	65.6





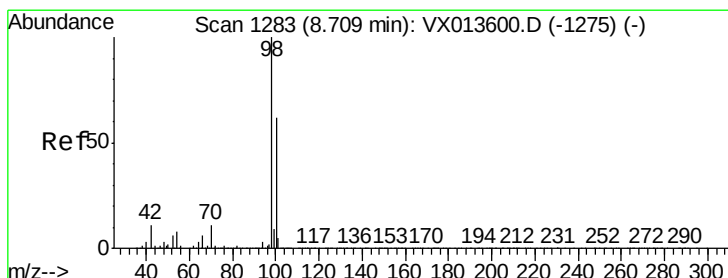
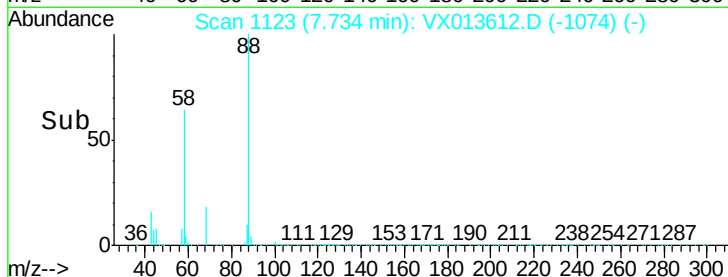
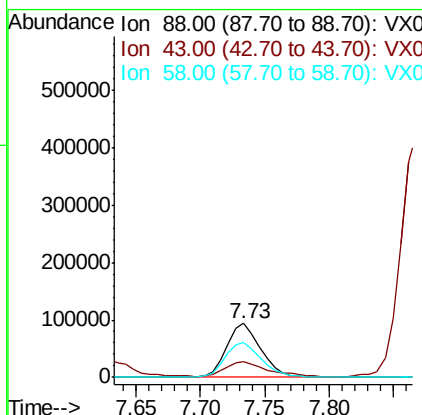
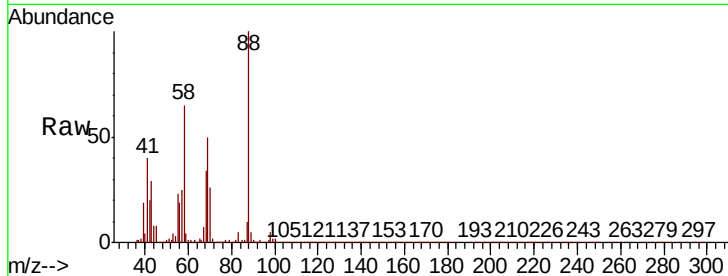
#49
1,4-Dioxane
Concen: 940.630 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013612.D
Acq: 26 Nov 2019 20:30

Instrument :
MSVOA_X
ClientSampleId :
MW-6MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.7	25.8	38.6
58	68.0	54.6	82.0

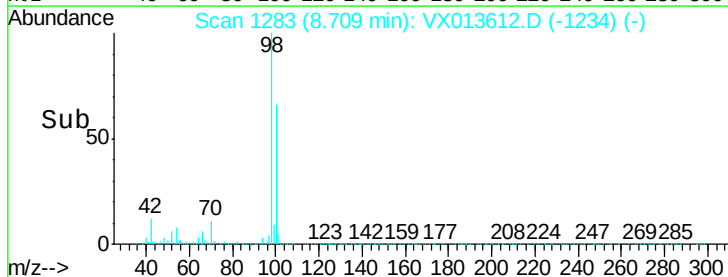
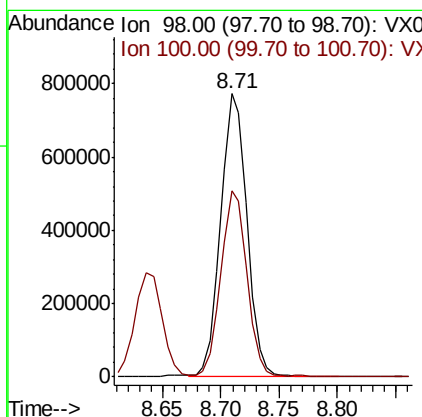
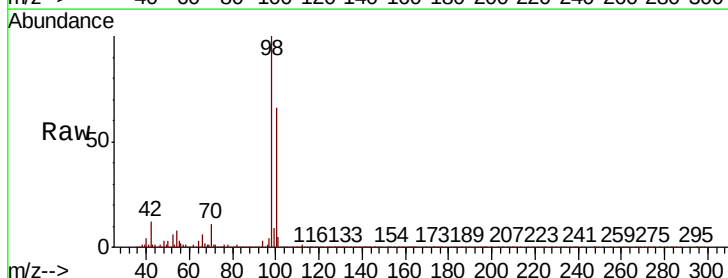
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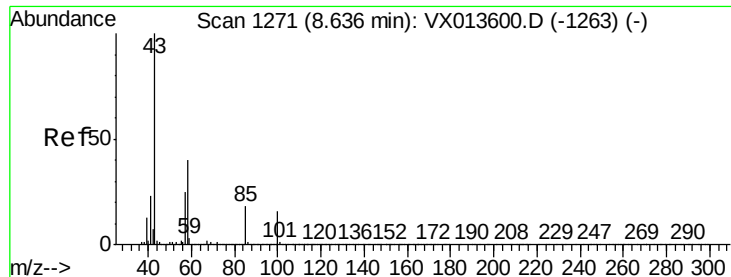
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#50
Toluene-d8
Concen: 49.193 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013612.D
Acq: 26 Nov 2019 20:30

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 258.904 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

Instrument :

MSVOA_X

ClientSampleId :

MW-6MSD

Tot Ion: 43 Resp: 2767797

Ion Ratio Lower Upper

43 100

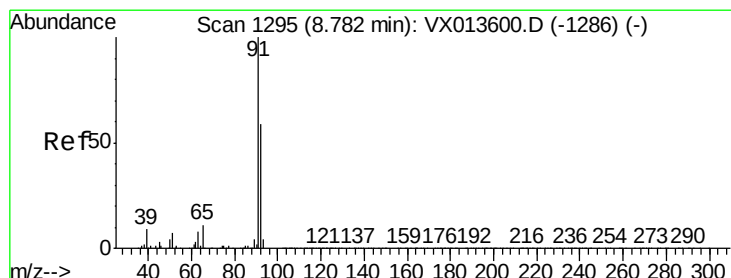
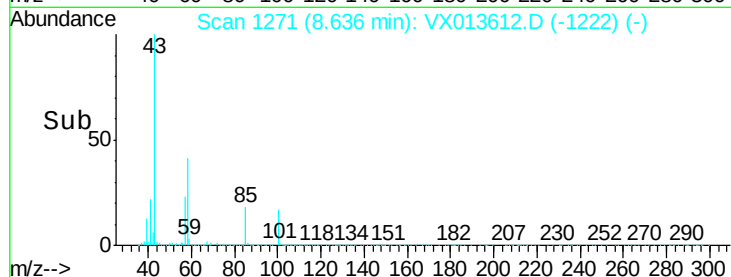
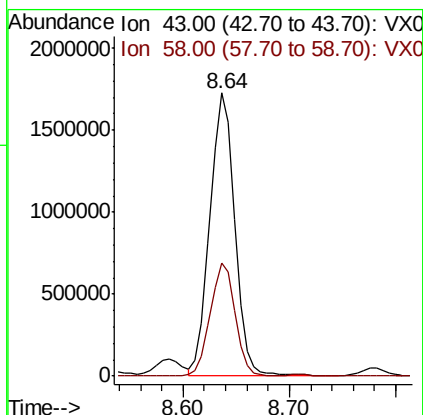
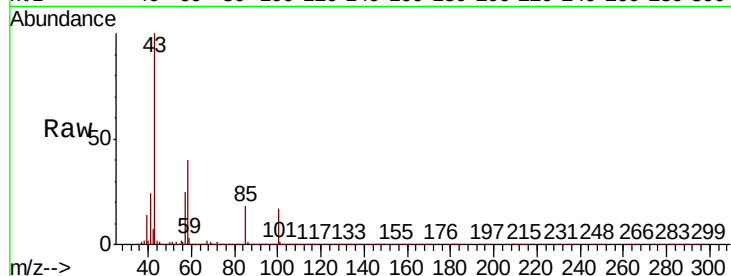
58 40.0 32.1 48.1

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#52

Toluene

Concen: 316.400 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX013612.D

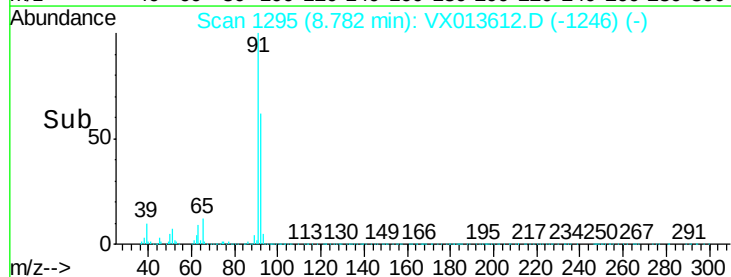
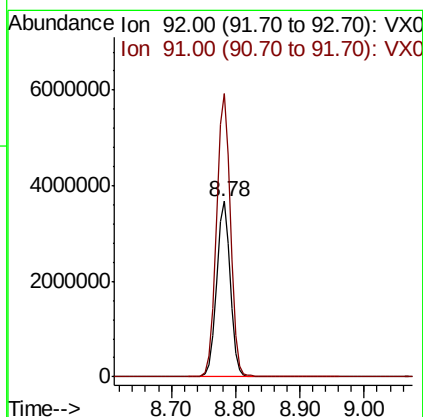
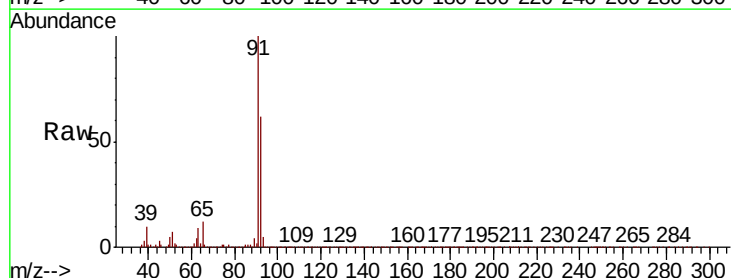
Acq: 26 Nov 2019 20:30

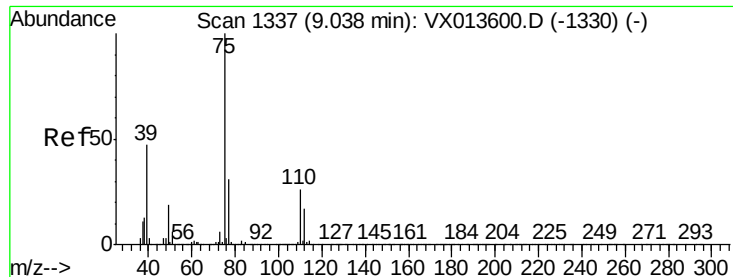
Tgt Ion: 92 Resp: 5508820

Ion Ratio Lower Upper

92 100

91 165.5 136.2 204.2





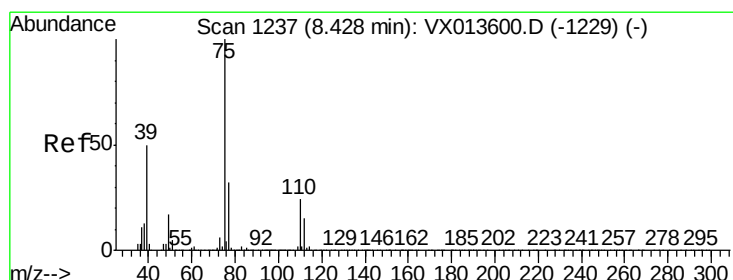
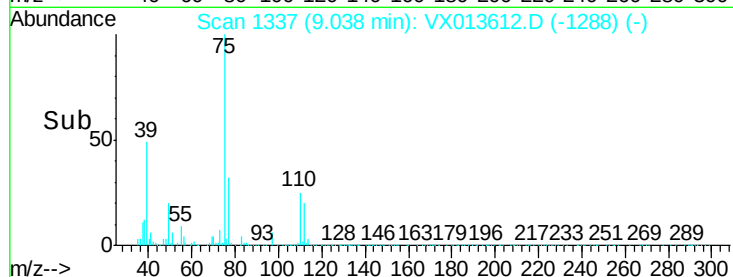
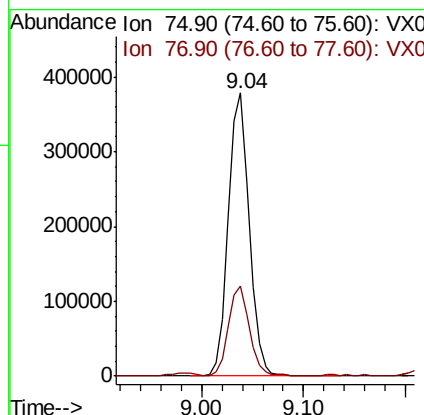
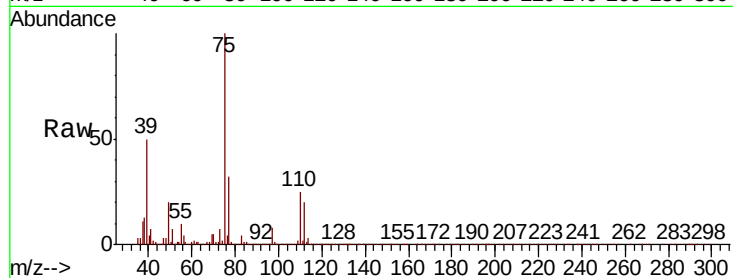
#53
t-1,3-Dichloropropene
Concen: 52.296 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX013612.D
Acq: 26 Nov 2019 20:30

Instrument :
MSVOA_X
ClientSampleId :
MW-6MSD

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.6	24.4	36.6

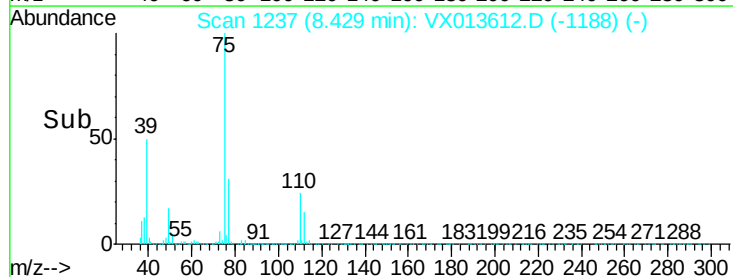
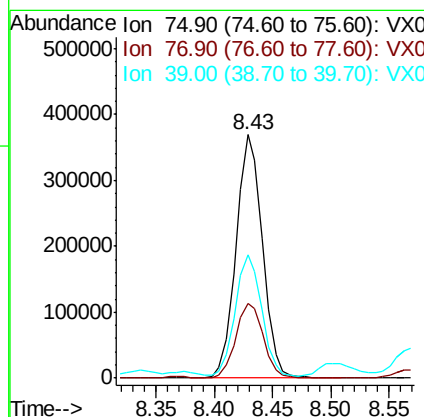
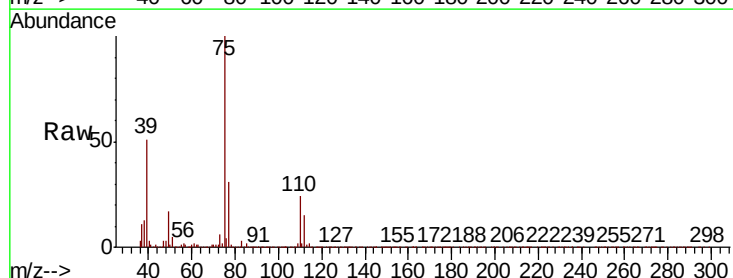
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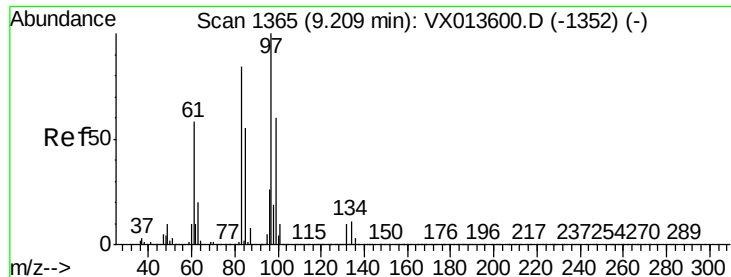
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#54
cis-1,3-Dichloropropene
Concen: 52.196 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX013612.D
Acq: 26 Nov 2019 20:30

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.6	25.8	38.6
39	48.4	39.9	59.9





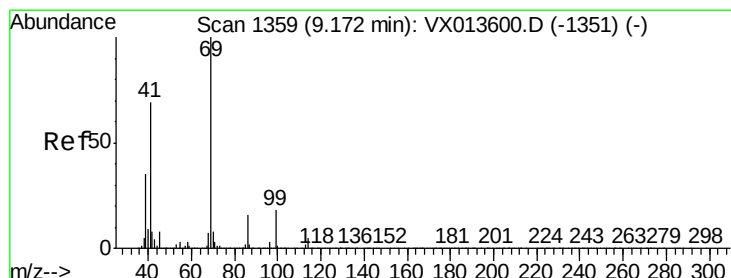
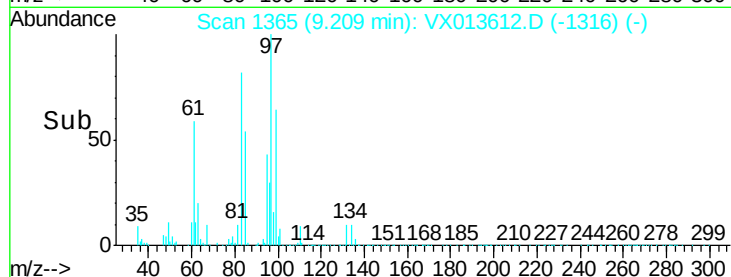
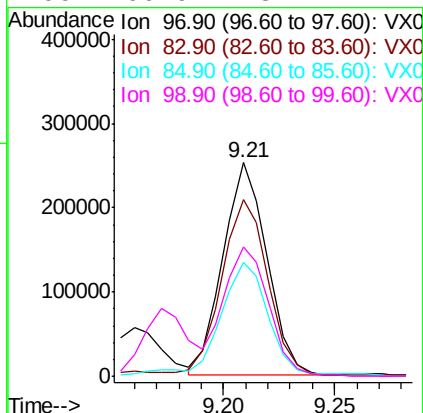
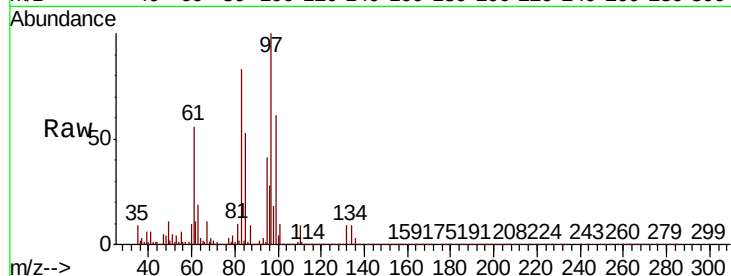
#55
 1,1,2-Trichloroethane
 Concen: 49.151 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013612.D
 Acq: 26 Nov 2019 20:30

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		344859		
83	82.9	67.3	100.9		
85	52.6	43.6	65.4		
99	60.9	48.2	72.4		

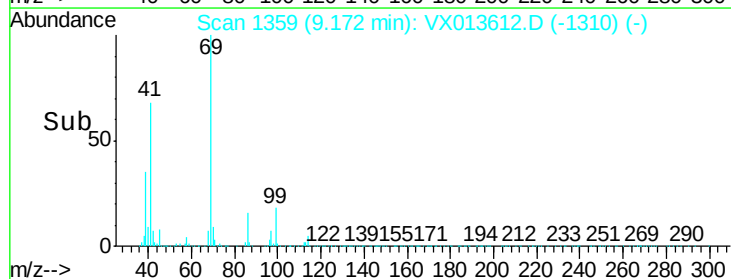
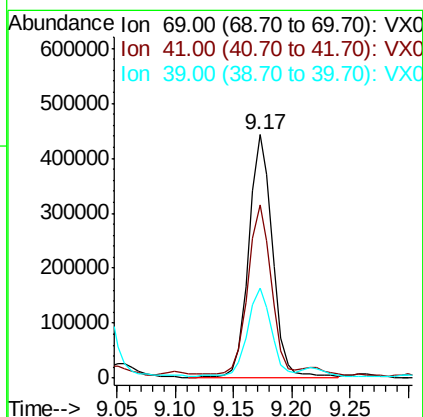
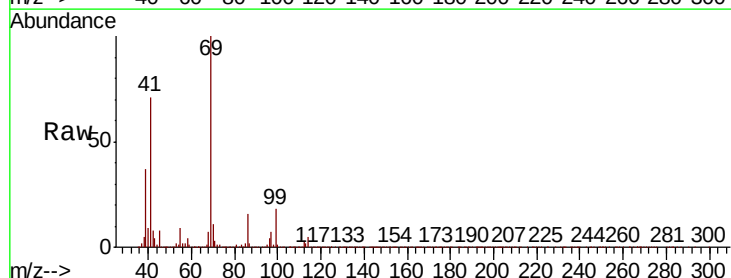
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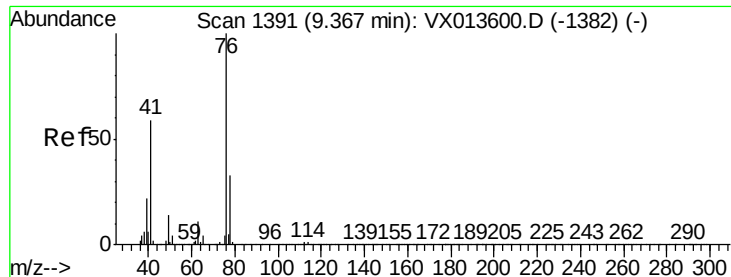
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#56
 Ethyl methacrylate
 Concen: 55.963 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013612.D
 Acq: 26 Nov 2019 20:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		631288		
41	68.2	55.0	82.4		
39	36.5	28.7	43.1		





#57

1,3-Dichloropropane

Concen: 49.892 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

Instrument :

MSVOA_X

ClientSampleId :

MW-6MSD

Tot Ion: 76 Resp: 603387

Ion Ratio Lower Upper

76 100

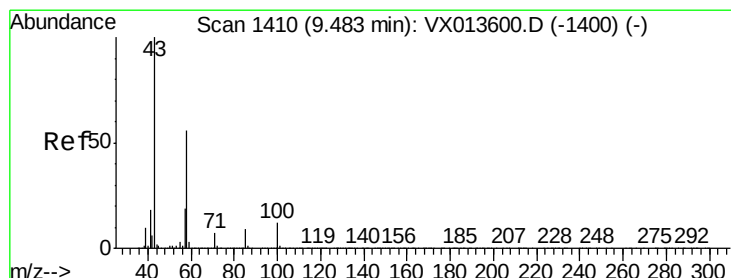
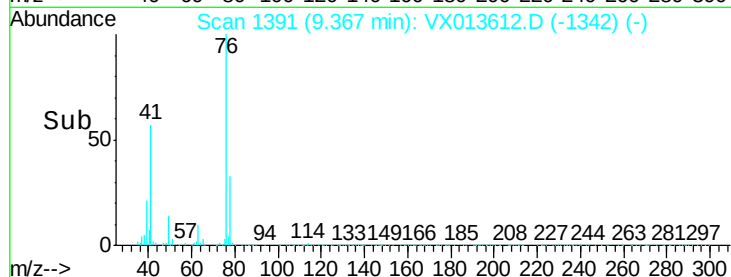
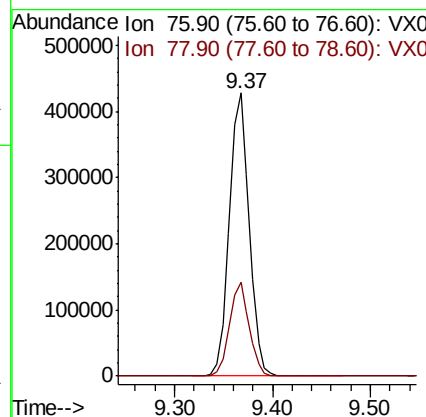
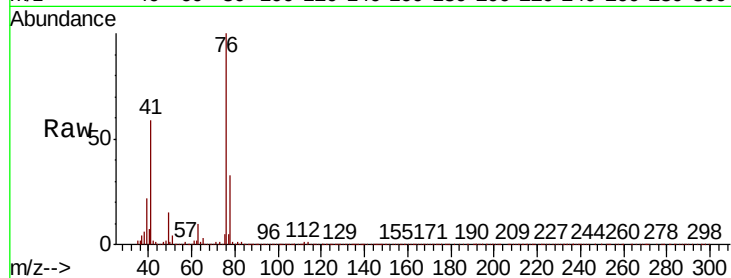
78 32.5 26.0 39.0

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#59

2-Hexanone

Concen: 251.780 ug/l

RT: 9.49 min Scan# 1411

Delta R.T. 0.01 min

Lab File: VX013612.D

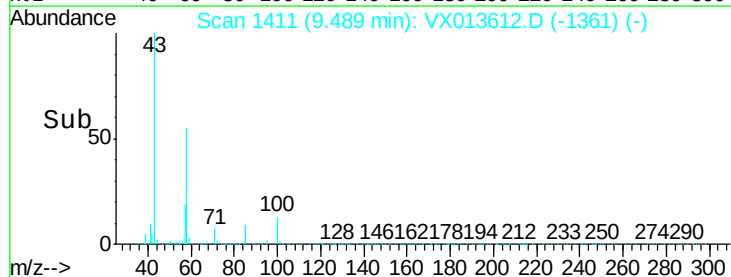
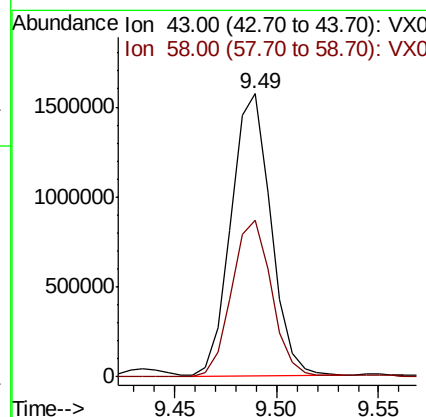
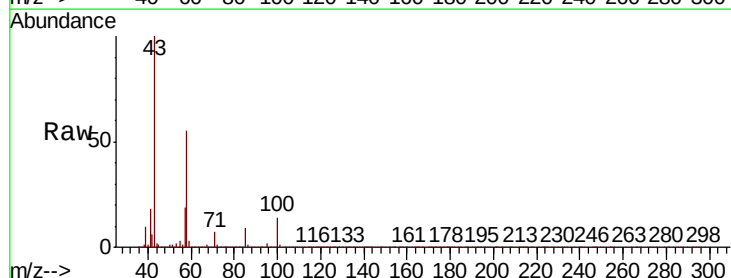
Acq: 26 Nov 2019 20:30

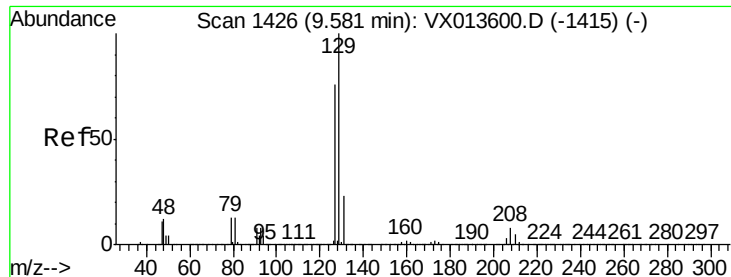
Tgt Ion: 43 Resp: 2099273

Ion Ratio Lower Upper

43 100

58 56.5 28.1 84.4





#60

Dibromochloromethane

Concen: 52.067 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. 0.00 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

Instrument :

MSVOA_X

ClientSampleId :

MW-6MSD

Tot Ion:129 Resp: 379125

Ion Ratio Lower Upper

129 100

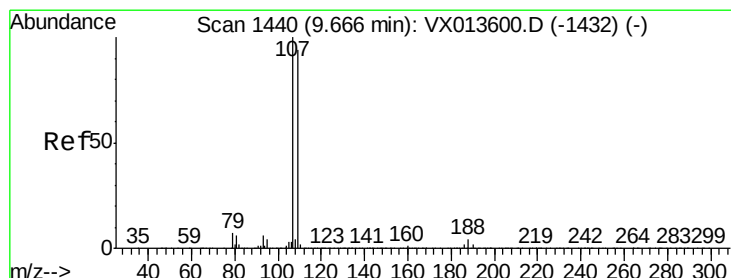
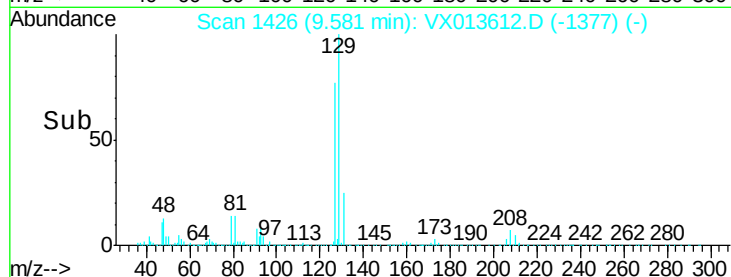
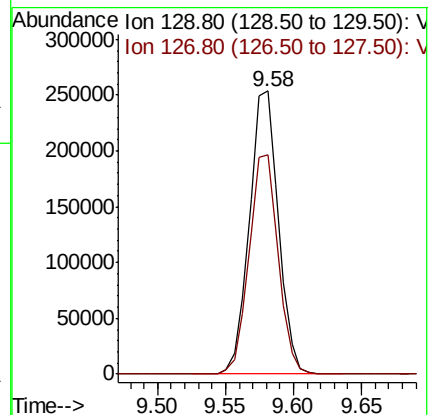
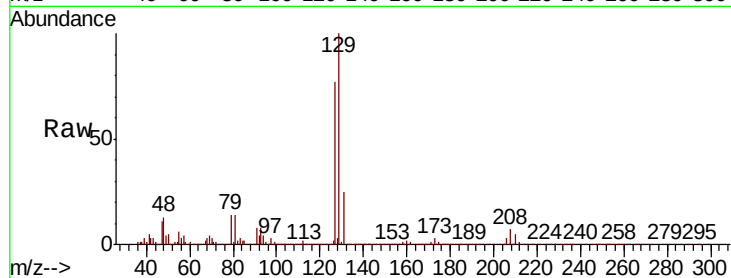
127 77.8 38.5 115.5

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#61

1,2-Dibromoethane

Concen: 50.750 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013612.D

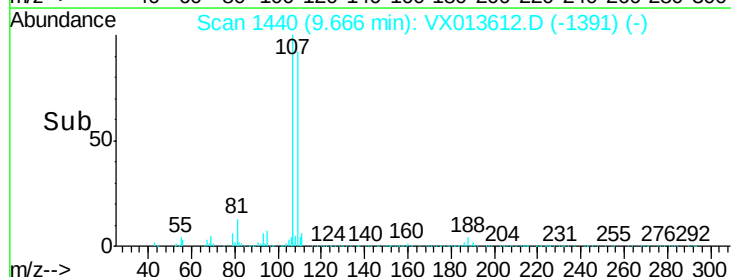
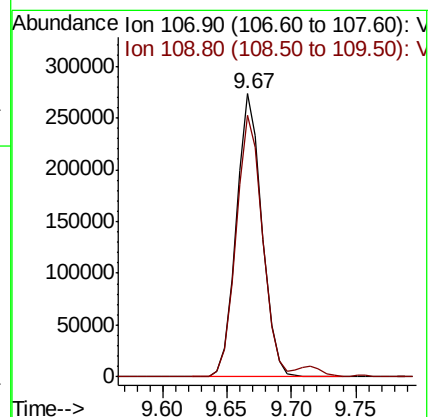
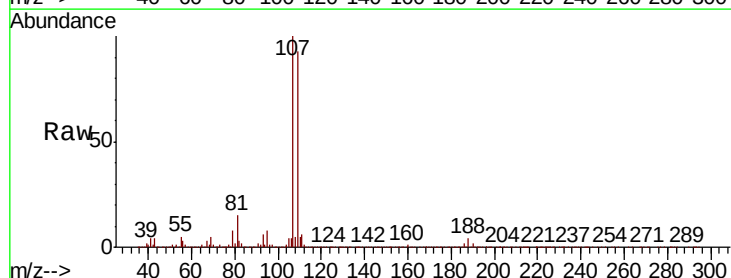
Acq: 26 Nov 2019 20:30

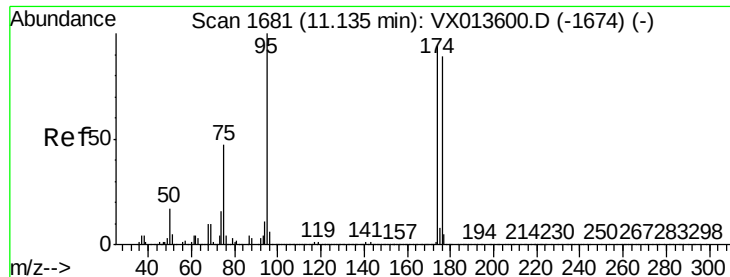
Tgt Ion:107 Resp: 380302

Ion Ratio Lower Upper

107 100

109 95.1 76.1 114.1





#62

4-Bromofluorobenzene

Concen: 49.533 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

Instrument :

MSVOA_X

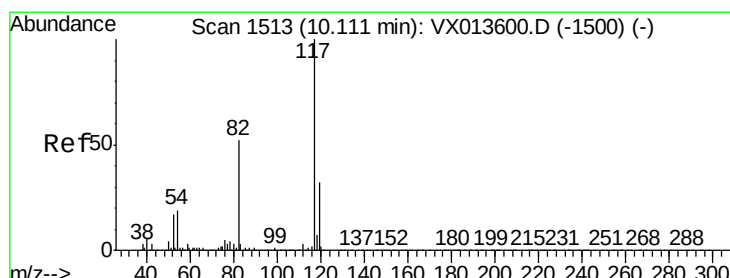
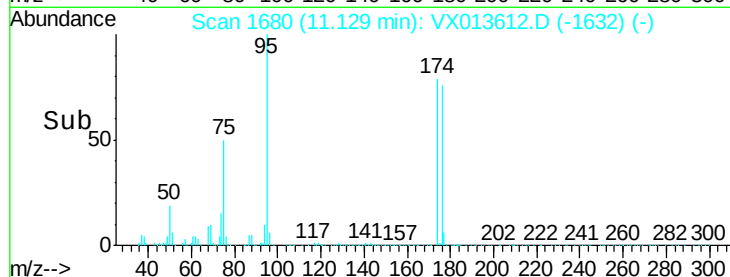
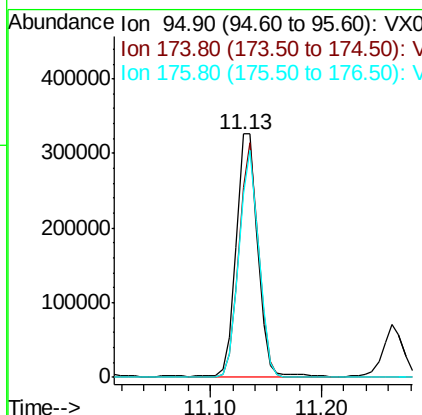
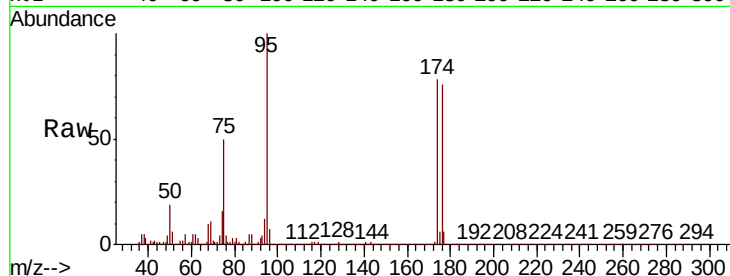
ClientSampleId :

MW-6MSD

Tot Ion:	95	Resp:	436125
Ion Ratio	Lower	Upper	
95	100		
174	87.5	0.0	180.0
176	86.5	0.0	173.6

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

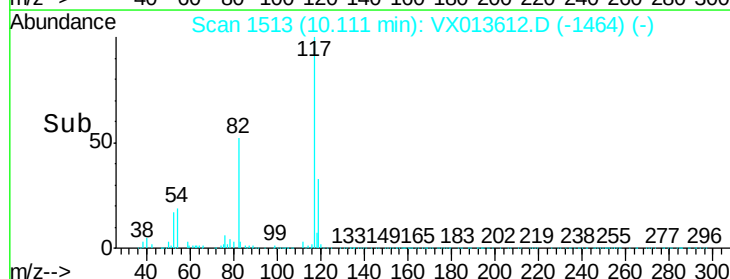
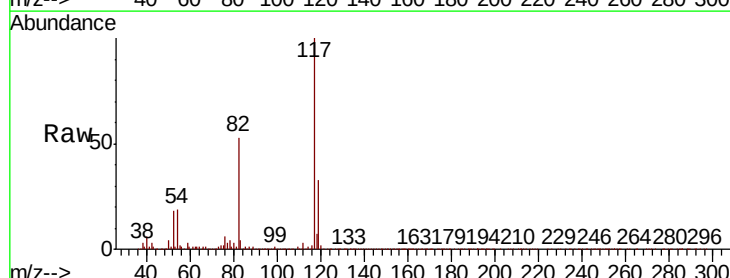
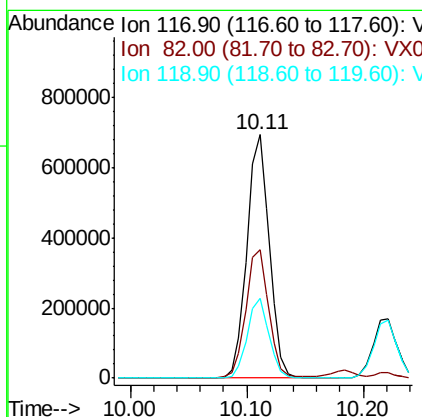
RT: 10.11 min Scan# 1513

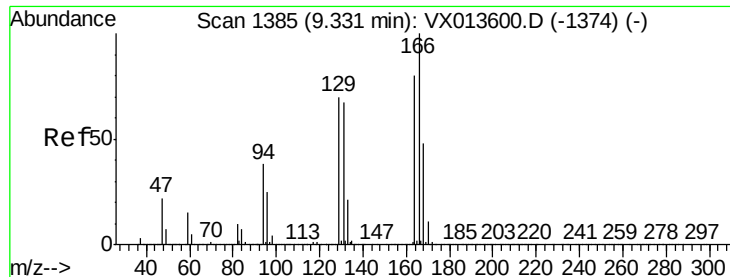
Delta R.T. 0.00 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

Tgt Ion:	117	Resp:	933560
Ion Ratio	Lower	Upper	
117	100		
82	52.3	41.8	62.8
119	32.6	25.8	38.8





#64

Tetrachloroethene

Concen: 46.212 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

Instrument :

MSVOA_X

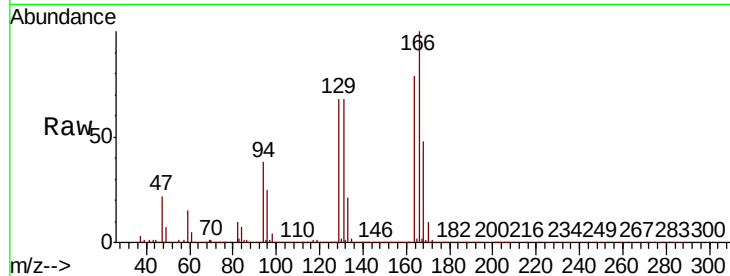
ClientSampleId :

MW-6MSD

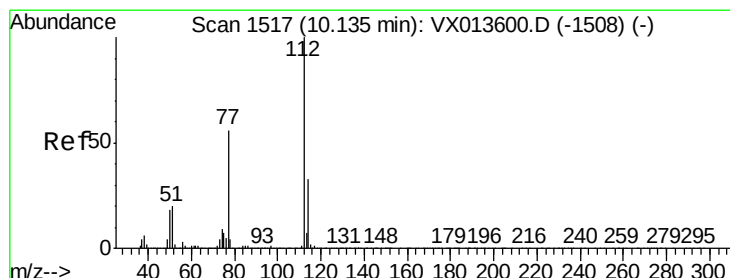
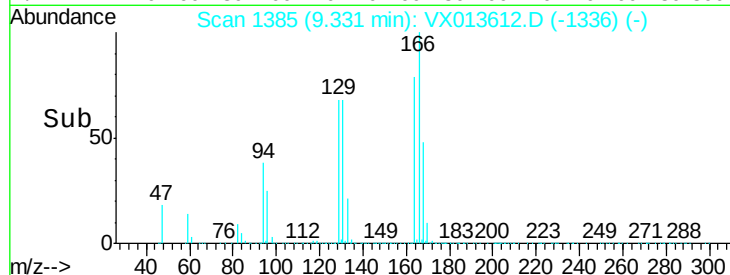
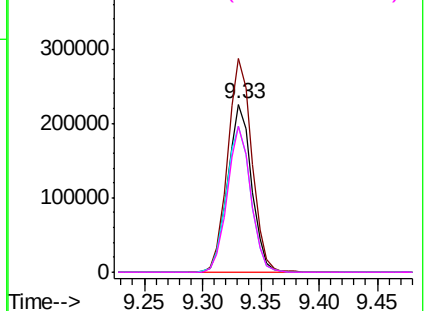
Tot Ion	Ratio	Lower	Upper
164	100		
166	126.9	99.7	149.5
129	86.5	70.1	105.1
131	86.7	66.9	100.3

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Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 49.299 ug/l

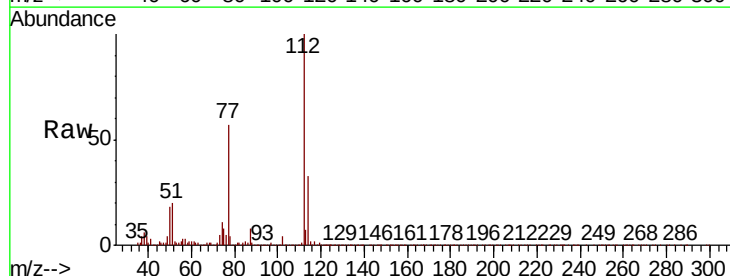
RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

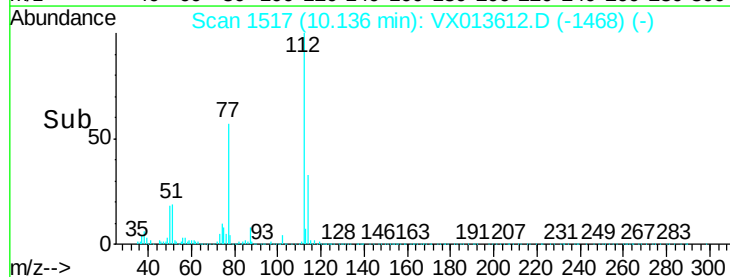
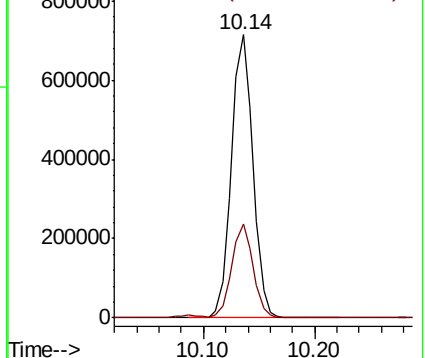
Lab File: VX013612.D

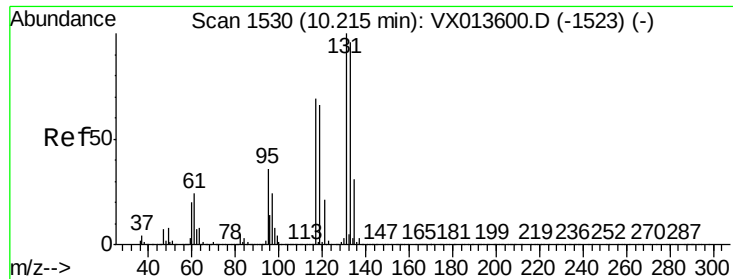
Acq: 26 Nov 2019 20:30

Tgt Ion	Ratio	Lower	Upper
112	100		
114	33.2	26.1	39.1



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





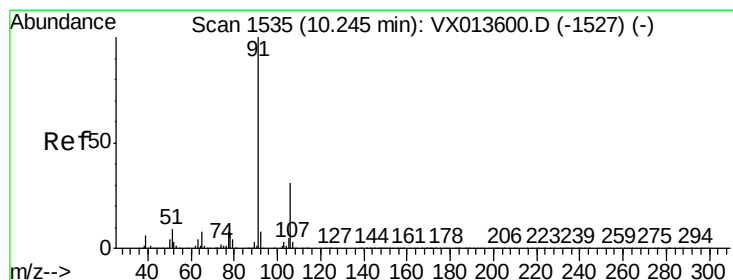
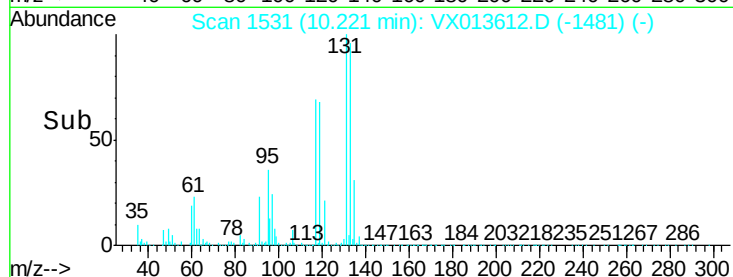
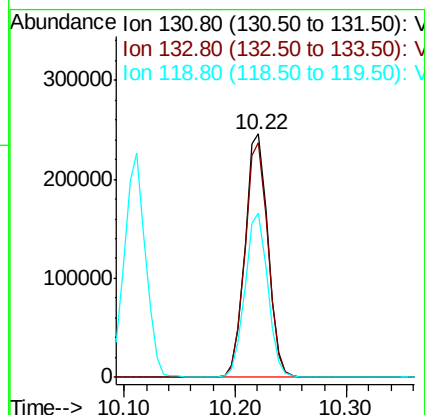
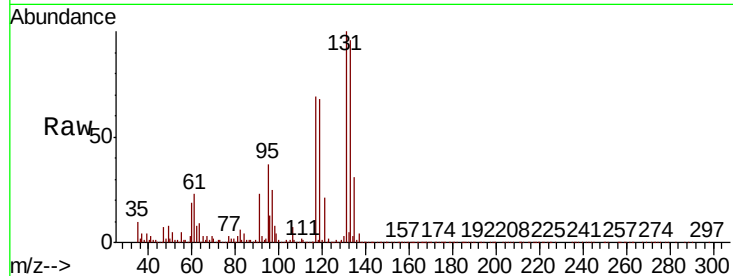
#66
 1,1,1,2-Tetrachloroethane
 Concen: 50.360 ug/l
 RT: 10.22 min Scan# 1531
 Delta R.T. 0.01 min
 Lab File: VX013612.D
 Acq: 26 Nov 2019 20:30

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6MSD

Tot Ion	Ratio	Lower	Upper
131	100		
133	96.7	47.7	143.1
119	67.1	32.9	98.6

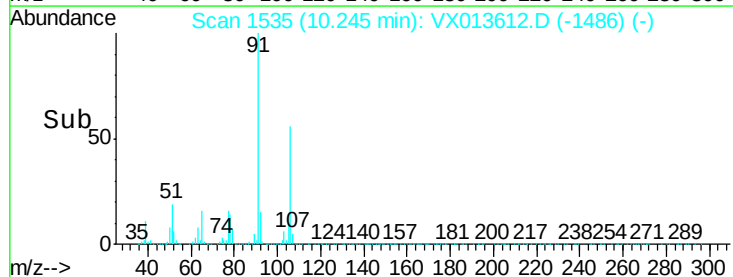
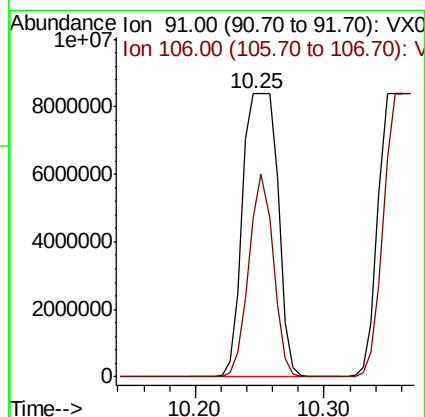
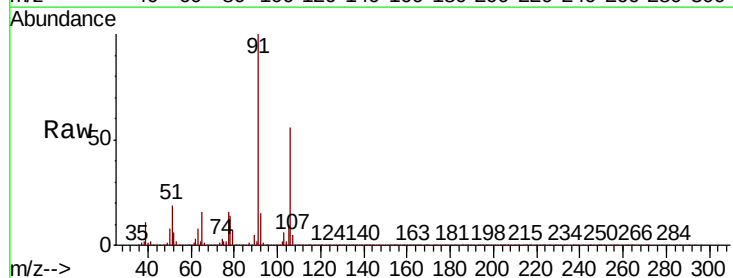
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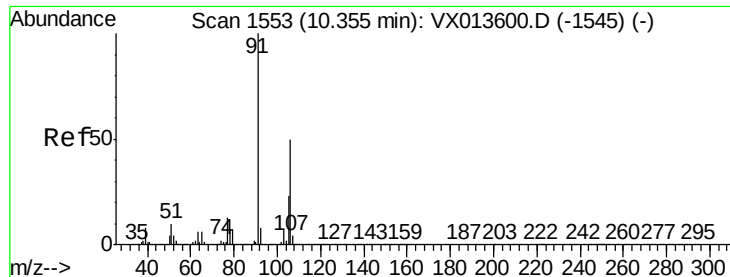
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#67
 Ethyl Benzene
 Concen: 473.928 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VX013612.D
 Acq: 26 Nov 2019 20:30

Tgt Ion	Ratio	Lower	Upper
91	100		
106	56.1	24.5	36.7#





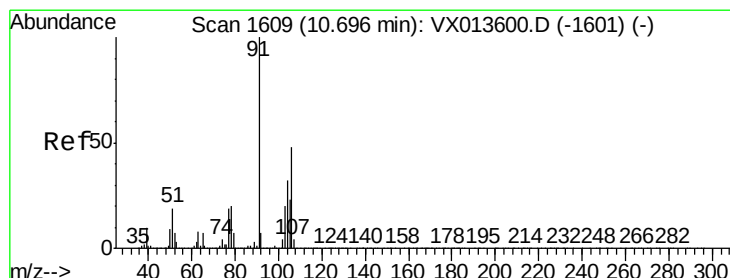
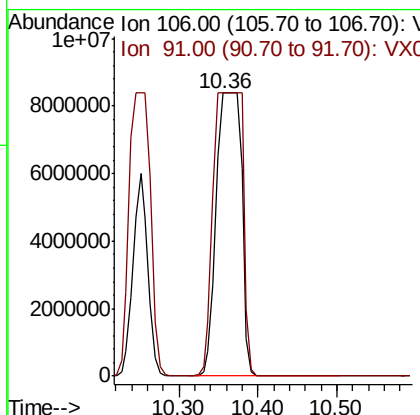
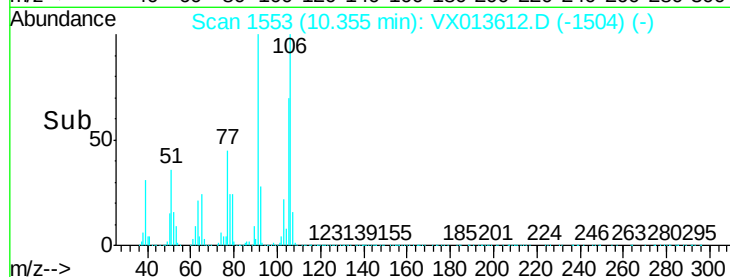
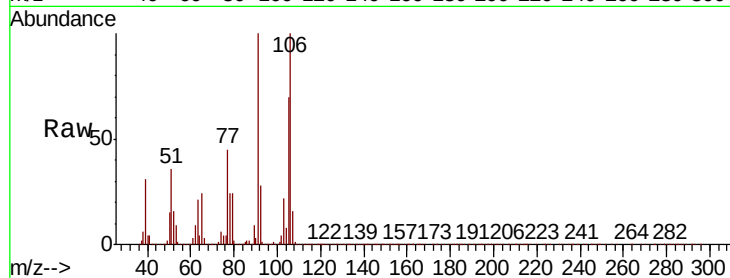
#68
m/p-Xylenes
Concen: 1464.823 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013612.D
Acq: 26 Nov 2019 20:30

Instrument :
MSVOA_X
ClientSampleId :
MW-6MSD

Tot Ion:106 Resp:18679005
Ion Ratio Lower Upper
106 100
91 0.0 159.0 238.4#

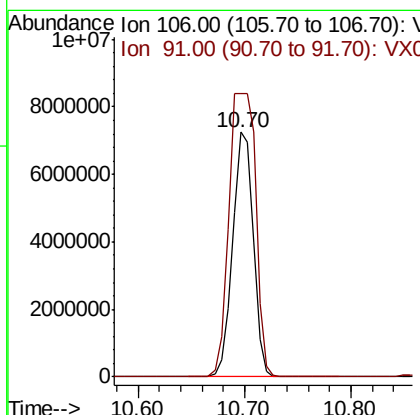
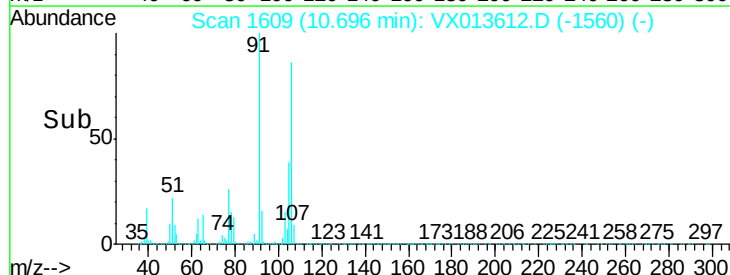
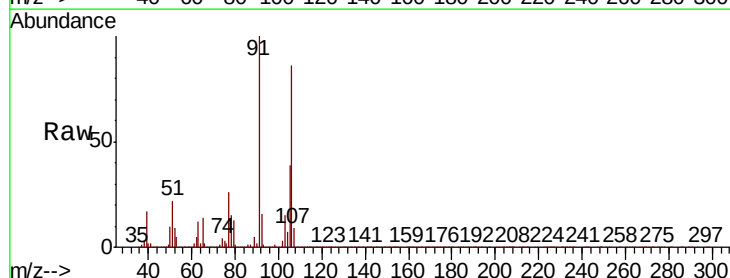
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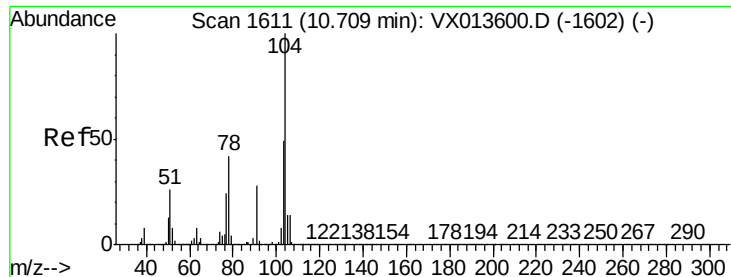
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#69
o-Xylene
Concen: 794.363 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013612.D
Acq: 26 Nov 2019 20:30

Tgt Ion:106 Resp: 9879254
Ion Ratio Lower Upper
106 100
91 150.9 104.1 312.2





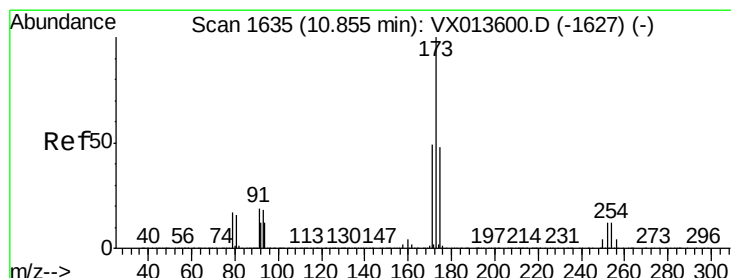
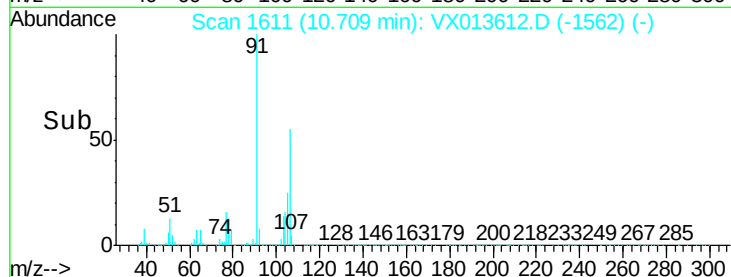
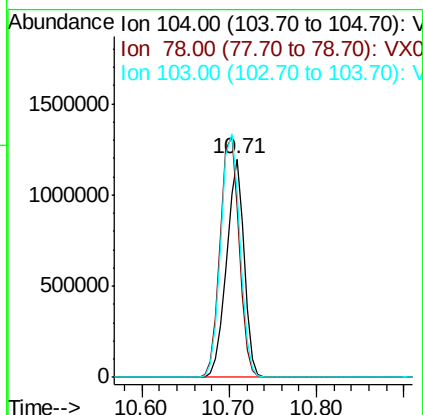
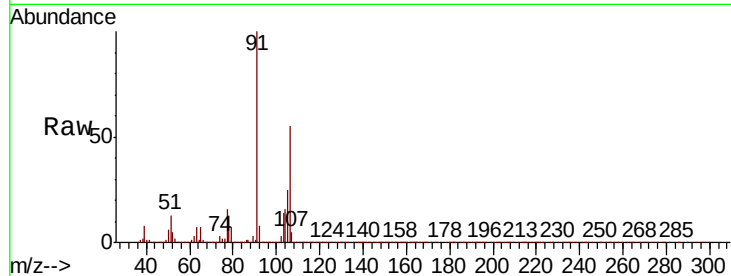
#70
Stvrene
Concen: 79.665 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013612.D
Acq: 26 Nov 2019 20:30

Instrument :
MSVOA_X
ClientSampled :
MW-6MSD

Tot Ion	Ratio	Lower	Upper
104	100		
78	117.4	38.5	57.7#
103	119.7	43.7	65.5#

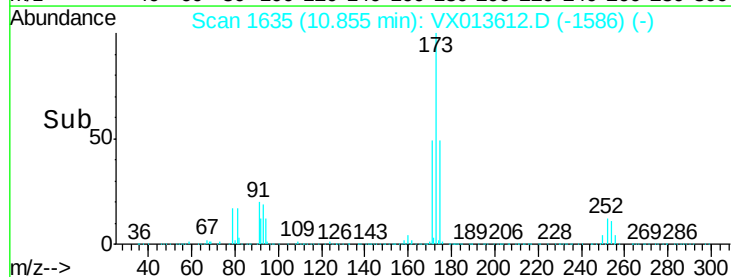
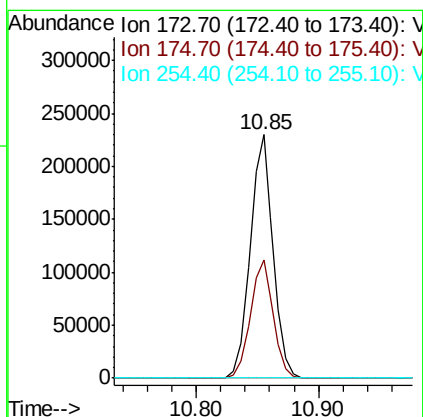
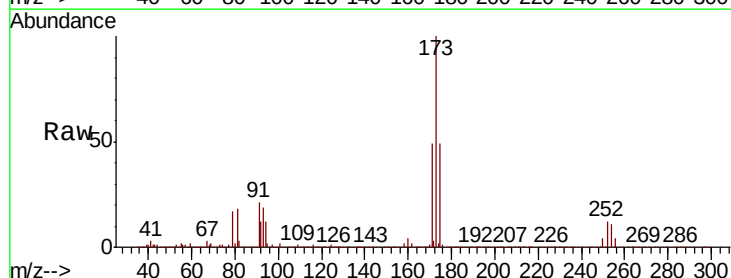
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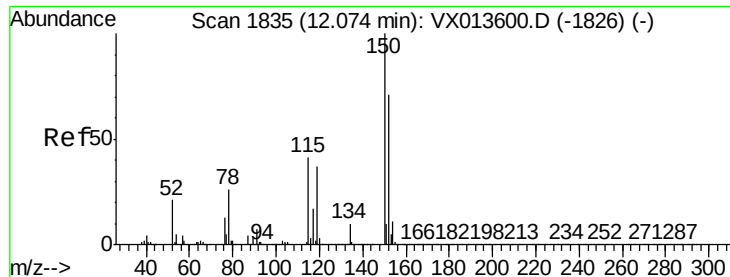
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#71
Bromoform
Concen: 51.427 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013612.D
Acq: 26 Nov 2019 20:30

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.3	72.8
254	0.2	0.2	0.4#





#72

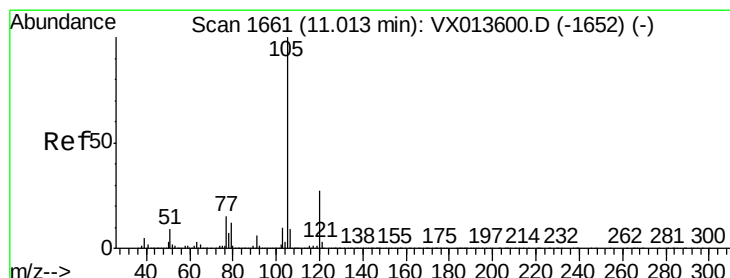
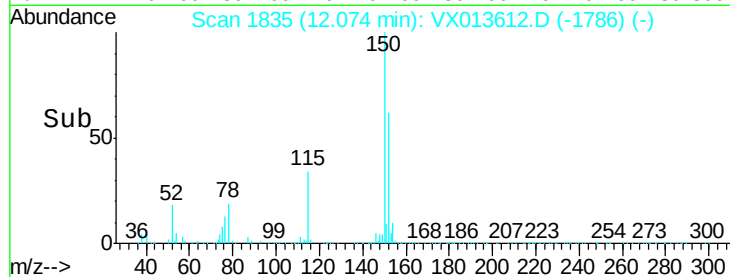
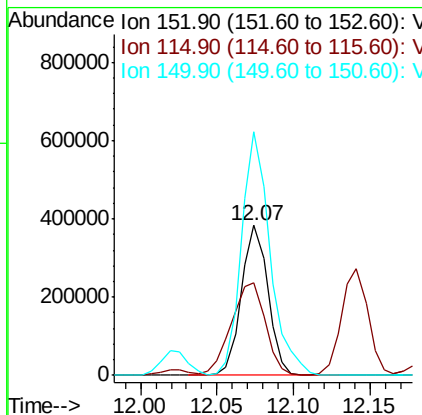
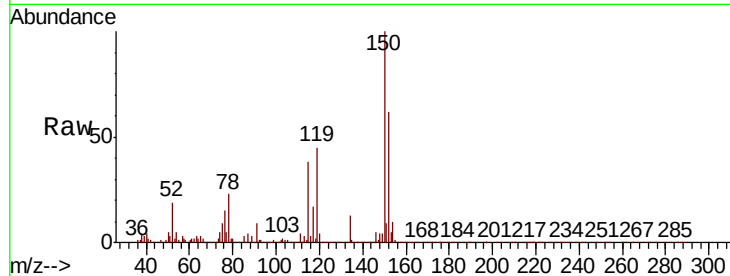
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013612.D
Acq: 26 Nov 2019 20:30

Instrument :
MSVOA_X
ClientSampleId :
MW-6MSD

Tot Ion	Ratio	Lower	Upper
152	100		
115	78.1	38.4	115.1
150	176.0	0.0	346.8

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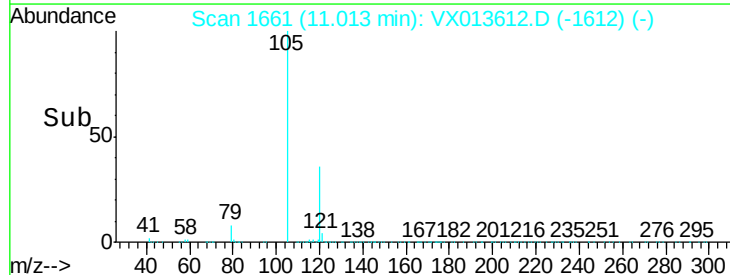
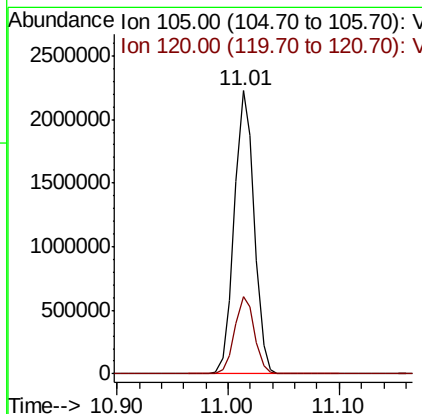
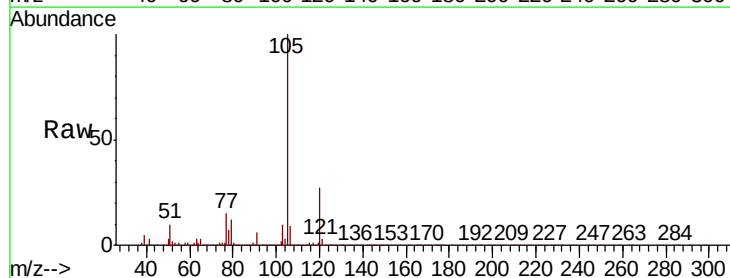
apatel
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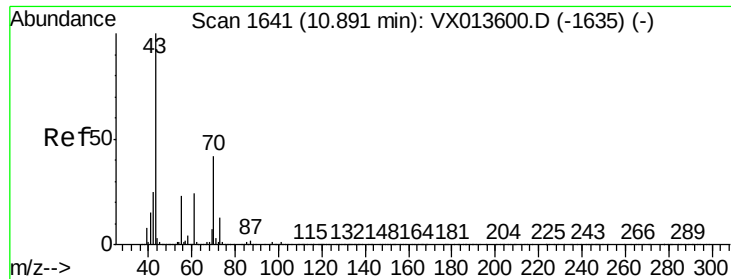


#73

Isopropylbenzene
Concen: 85.081 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX013612.D
Acq: 26 Nov 2019 20:30

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.3	13.5	40.5





#74

N-amvl acetate

Concen: 53.039 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

Instrument :

MSVOA_X

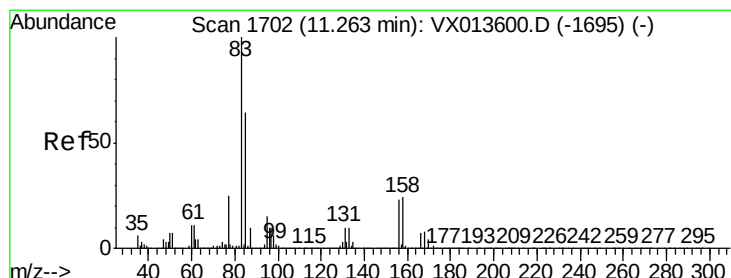
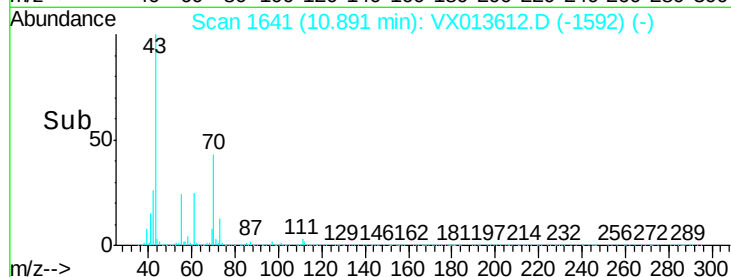
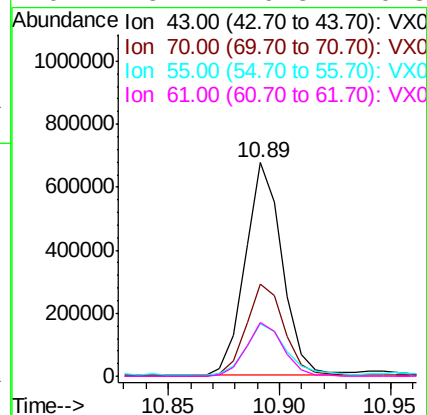
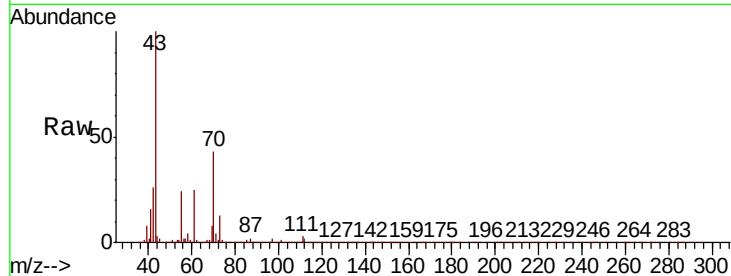
ClientSampled :

MW-6MSD

Tot Ion	43	Resp	782312
Ion Ratio	Lower	Upper	
43	100		
70	44.7	34.3	51.5
55	25.6	18.5	27.7
61	25.2	19.8	29.8

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#75

1,1,2,2-Tetrachloroethane

Concen: 51.481 ug/l

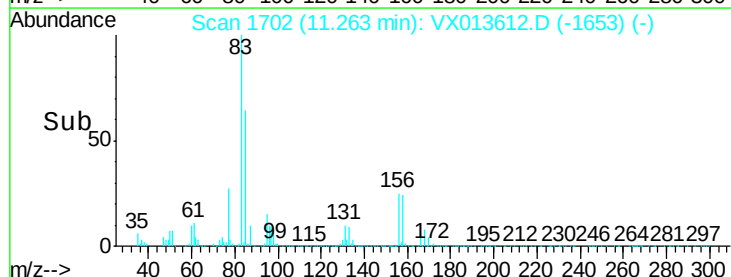
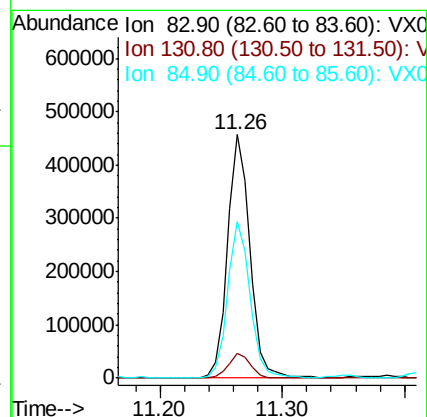
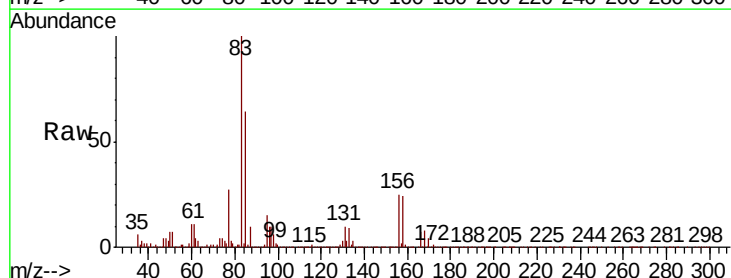
RT: 11.26 min Scan# 1702

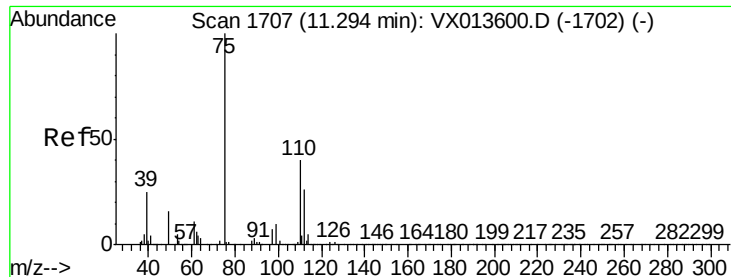
Delta R.T. 0.00 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

Tgt Ion	83	Resp	574857
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.1	15.3
85	65.0	31.8	95.3





#76

1,2,3-Trichloropropane

Concen: 42.811 ug/l m

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

Instrument :

MSVOA_X

ClientSampleId :

MW-6MSD

Tot Ion: 75 Resp: 441994

Ion Ratio Lower Upper

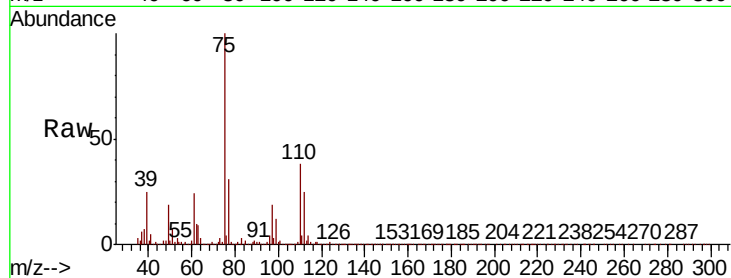
75 100

77 45.7 19.1 57.5

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

500000

400000

300000

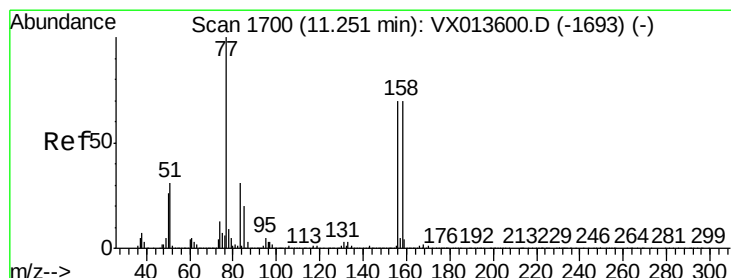
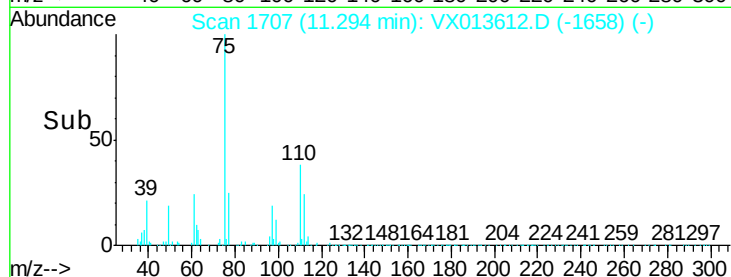
200000

100000

0

11.26 11.28 11.30

Time-->



#77

Bromobenzene

Concen: 50.621 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

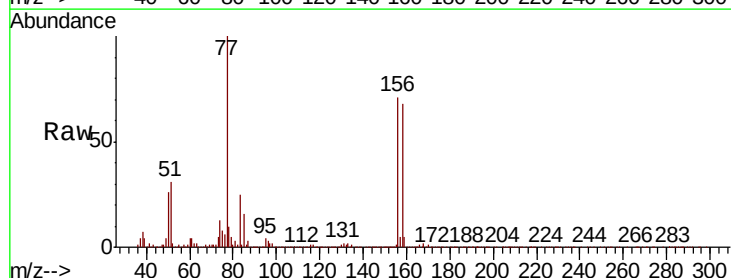
Tgt Ion: 156 Resp: 440331

Ion Ratio Lower Upper

156 100

77 148.2 74.4 223.1

158 95.4 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V

600000

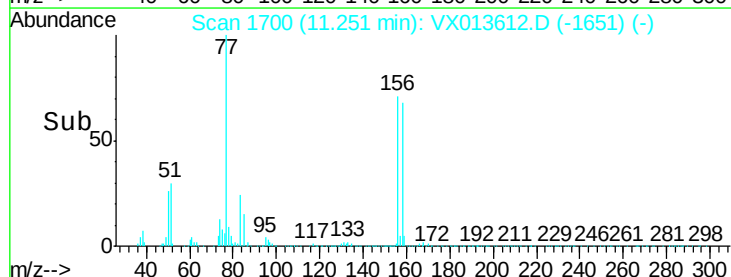
400000

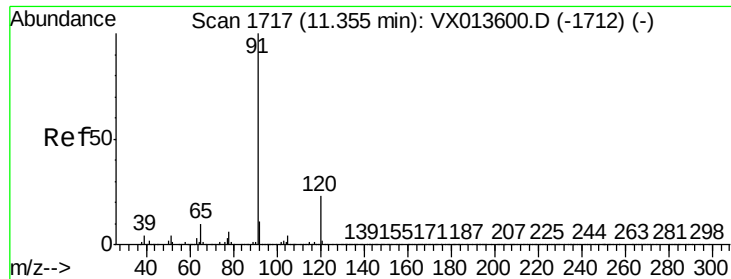
200000

0

11.20 11.25 11.30

Time-->





#78

n-propylbenzene

Concen: 106.649 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

Instrument :

MSVOA_X

ClientSampleId :

MW-6MSD

Tot Ion: 91 Resp: 3833365

Ion Ratio Lower Upper

91 100

120 23.9

11.8

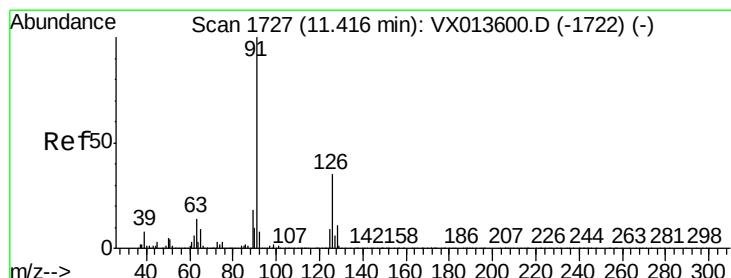
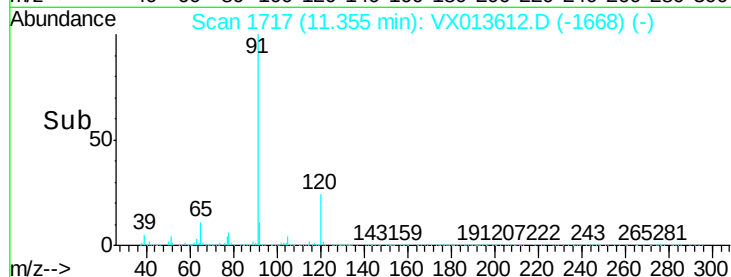
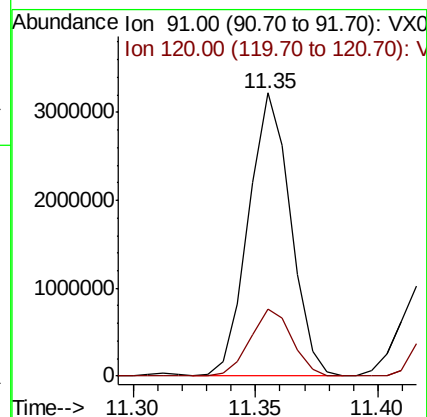
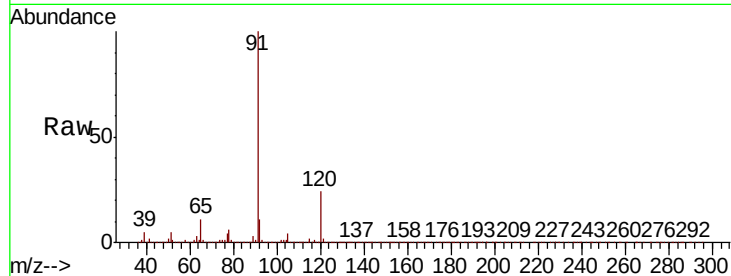
35.3

Manual Integrations

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#79

2-Chlorotoluene

Concen: 83.691 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.09 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

Tgt Ion: 91 Resp: 1804498

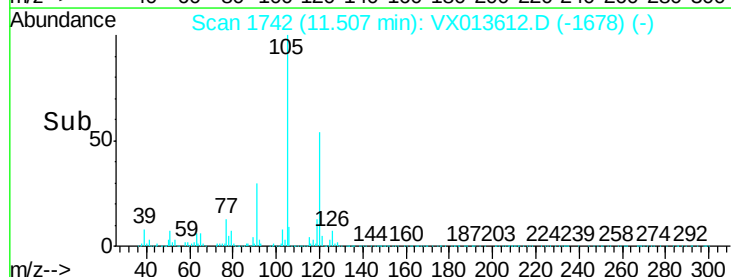
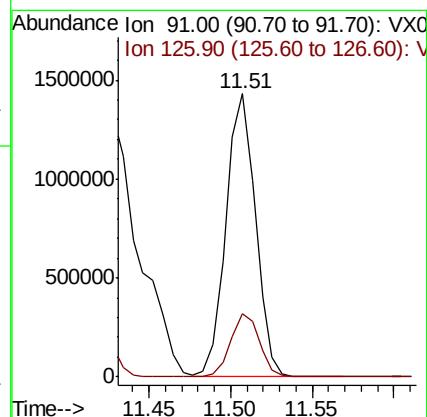
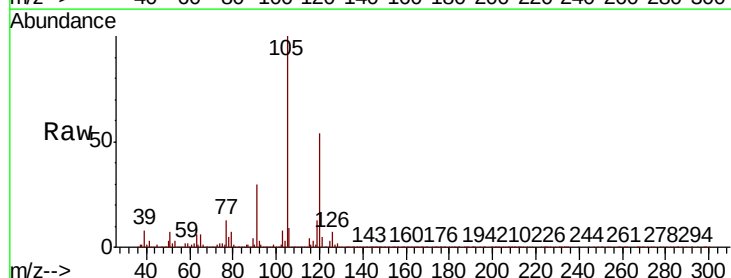
Ion Ratio Lower Upper

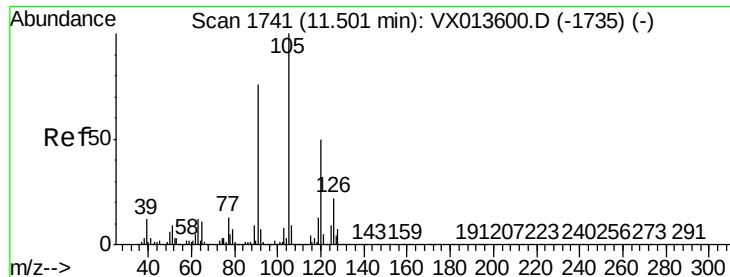
91 100

126 21.7

17.5

52.5





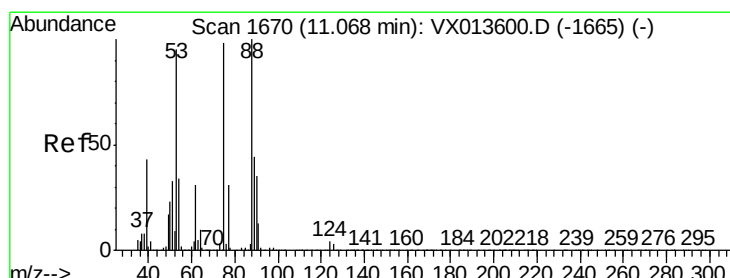
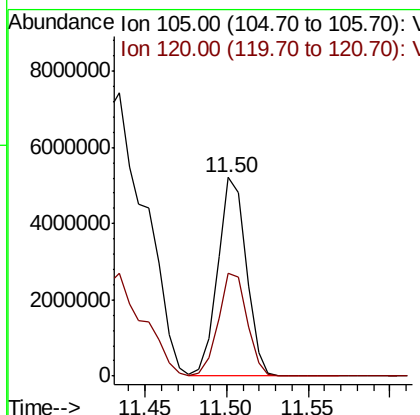
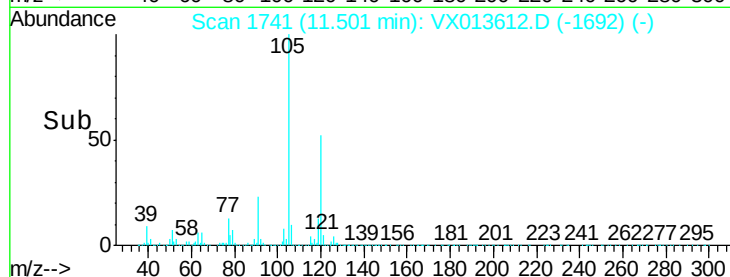
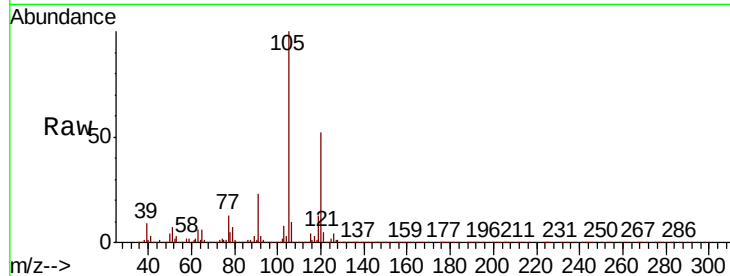
#80
 1,3,5-Trimethylbenzene
 Concen: 240.874 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX013612.D
 Acq: 26 Nov 2019 20:30

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6MSD

Tot Ion:105 Resp: 6356570
 Ion Ratio Lower Upper
 105 100
 120 52.0 25.3 75.9

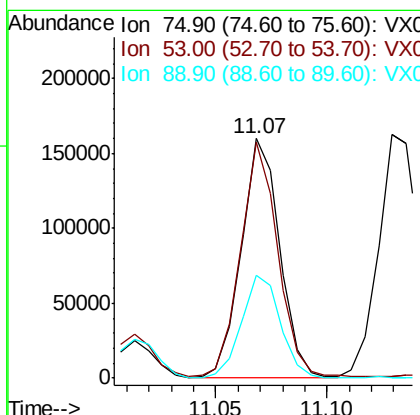
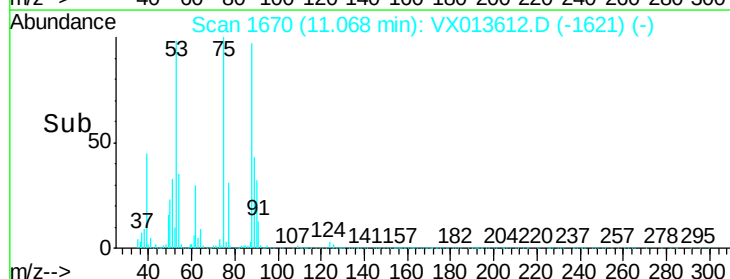
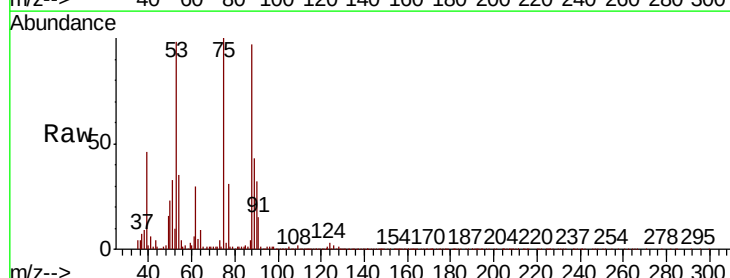
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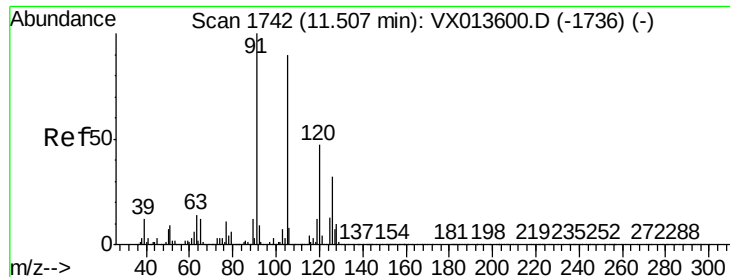
apatel
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 50.818 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: VX013612.D
 Acq: 26 Nov 2019 20:30

Tgt Ion: 75 Resp: 191771
 Ion Ratio Lower Upper
 75 100
 53 94.8 78.2 117.2
 89 43.4 35.4 53.2





#82

4-Chlorotoluene

Concen: 72.258 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

Instrument :

MSVOA_X

ClientSampleId :

MW-6MSD

Tot Ion: 91 Resp: 1804498

Ion Ratio Lower Upper

91 100

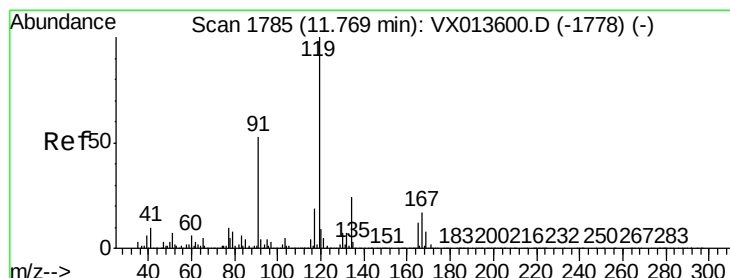
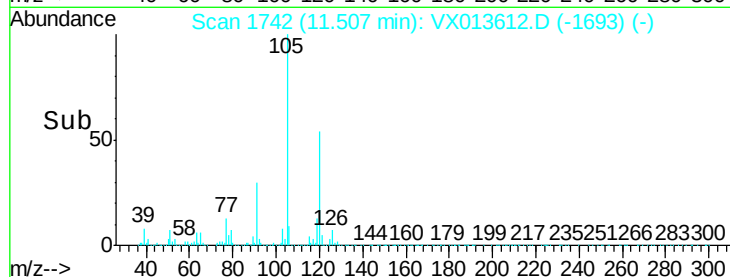
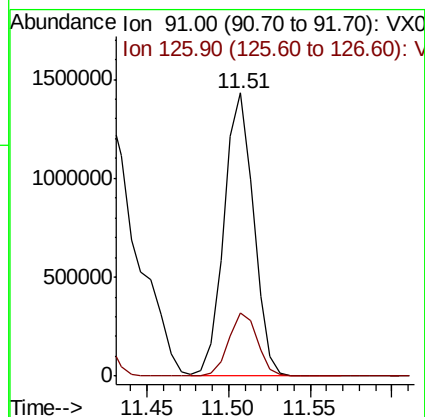
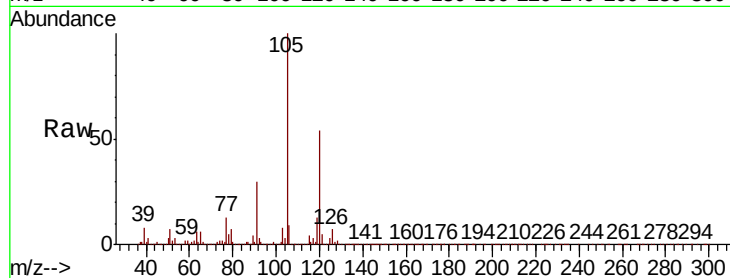
126 21.7 15.7 47.0

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#83

tert-Butylbenzene

Concen: 51.043 ug/l

RT: 11.77 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

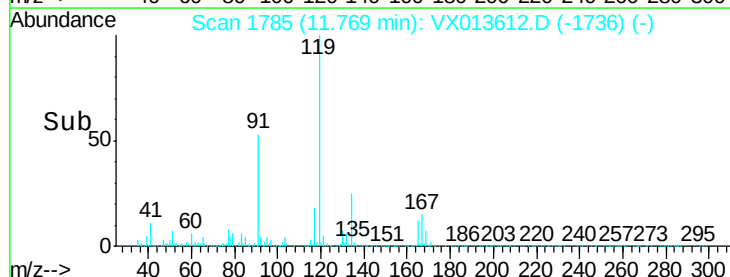
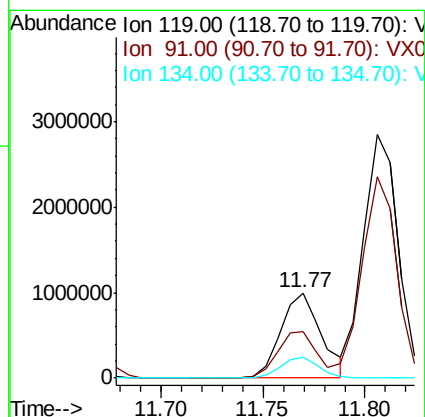
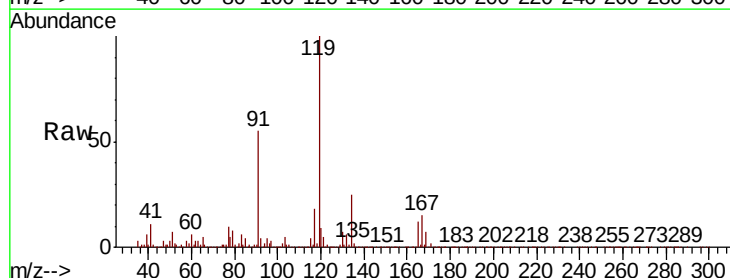
Tgt Ion: 119 Resp: 1368964

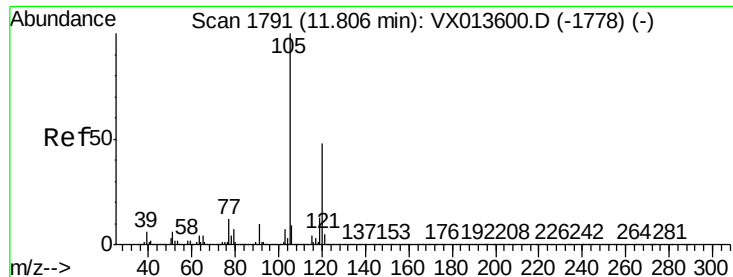
Ion Ratio Lower Upper

119 100

91 52.7 27.2 81.6

134 23.4 11.7 35.1





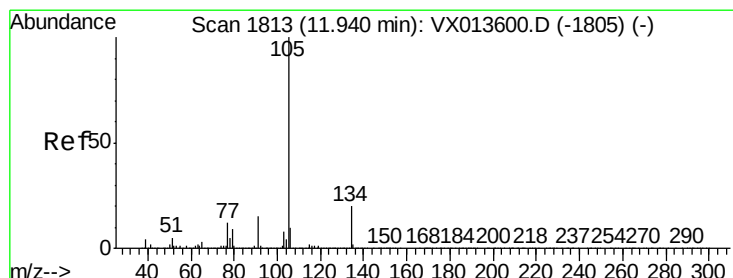
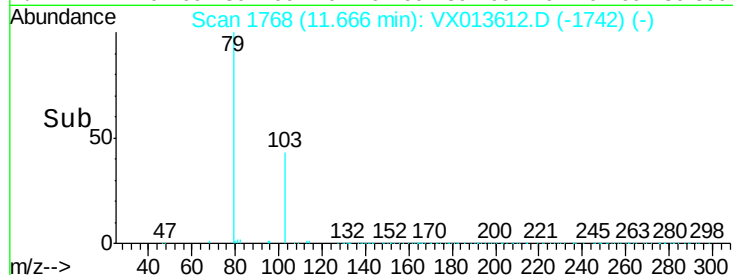
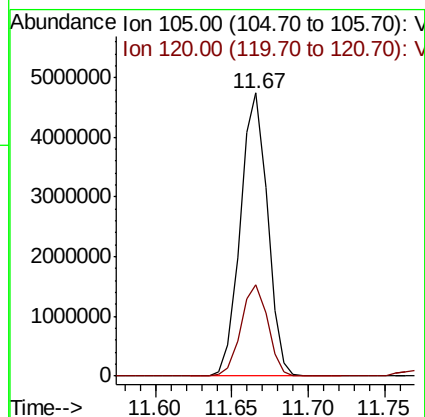
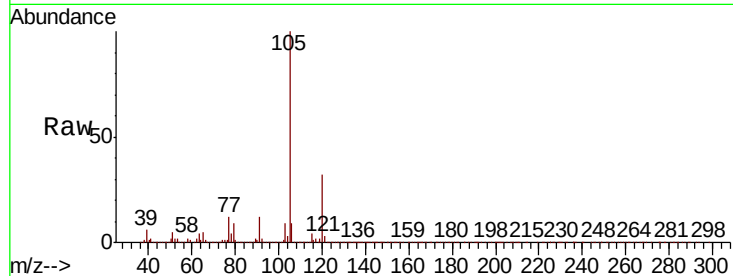
#84
 1,2,4-Trimethylbenzene
 Concen: 217.203 ug/l
 RT: 11.67 min Scan# 1768
 Delta R.T. -0.14 min
 Lab File: VX013612.D
 Acq: 26 Nov 2019 20:30

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6MSD

Tot Ion:105 Resp: 5817337
 Ion Ratio Lower Upper
 105 100
 120 31.8 23.1 69.3

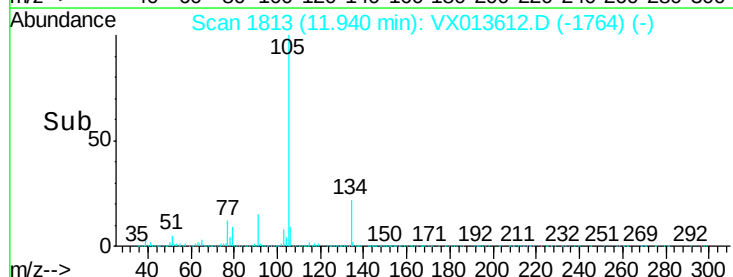
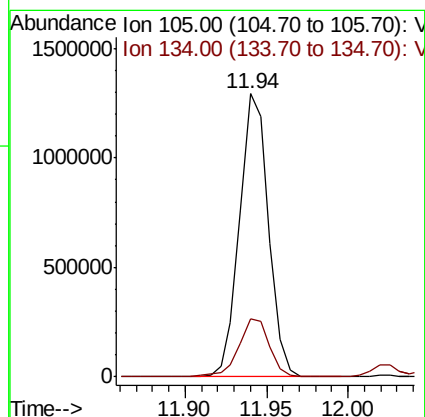
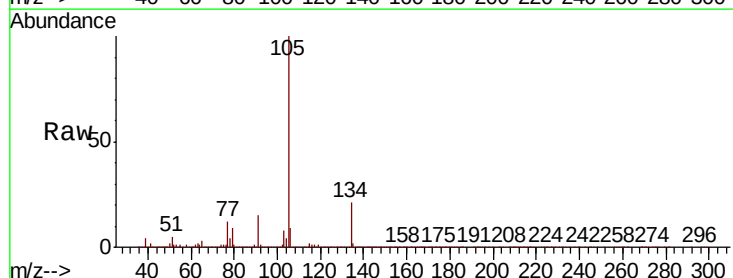
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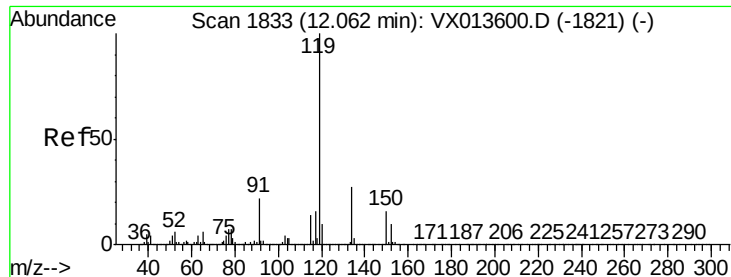
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#85
 sec-Butylbenzene
 Concen: 51.998 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX013612.D
 Acq: 26 Nov 2019 20:30

Tgt Ion:105 Resp: 1592893
 Ion Ratio Lower Upper
 105 100
 134 22.0 10.4 31.2





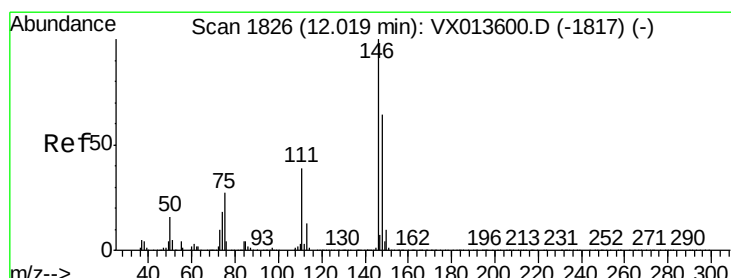
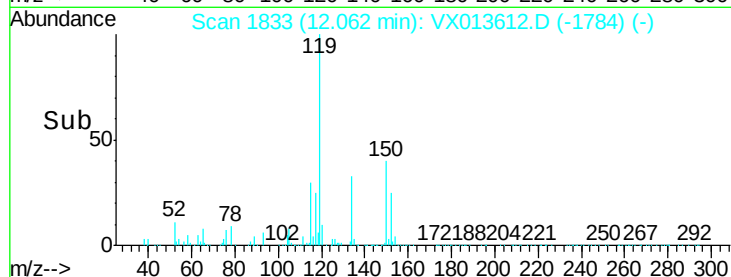
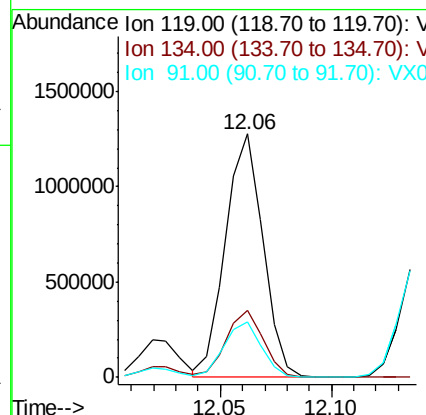
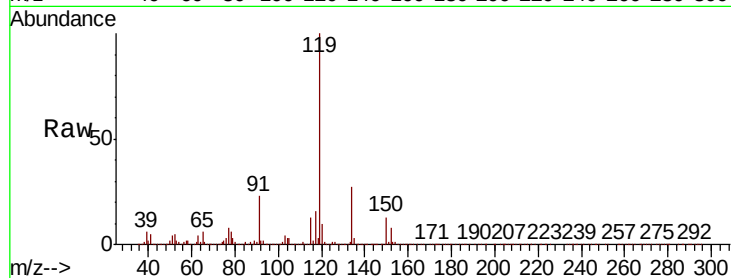
#86
p-Isopropyltoluene
Concen: 52.458 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX013612.D
Acq: 26 Nov 2019 20:30

Instrument :
MSVOA_X
ClientSampleId :
MW-6MSD

Tot Ion	Ratio	Lower	Upper
119	100		
134	27.1	13.3	39.9
91	22.7	11.3	33.8

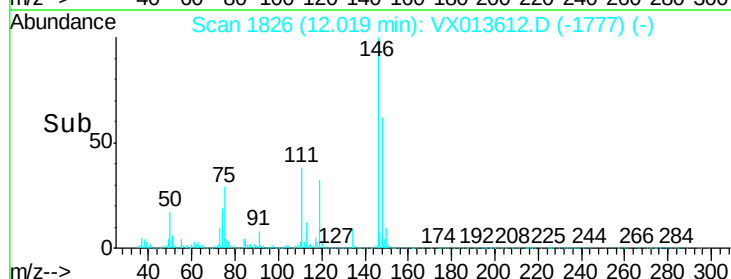
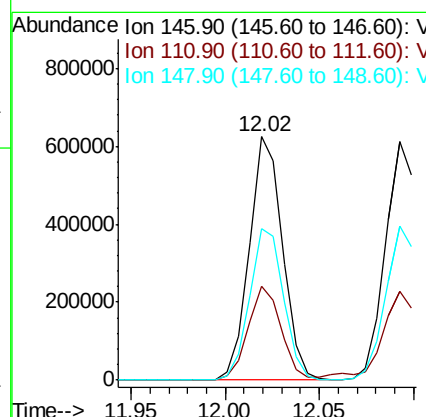
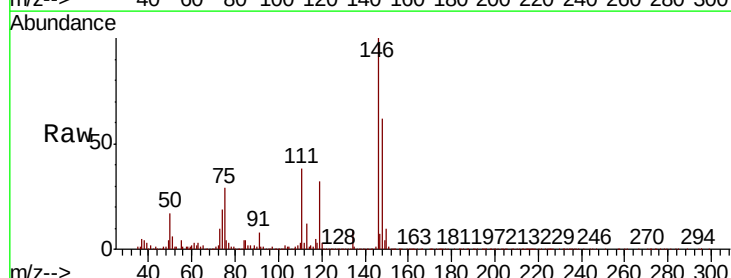
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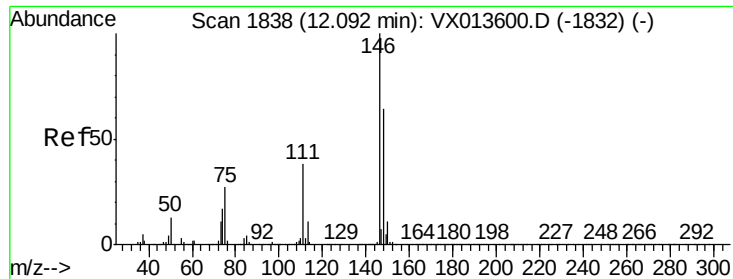
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#87
1,3-Dichlorobenzene
Concen: 50.266 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VX013612.D
Acq: 26 Nov 2019 20:30

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.0	57.0
148	63.8	31.8	95.4





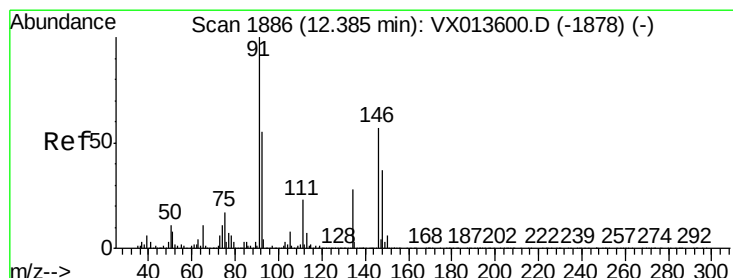
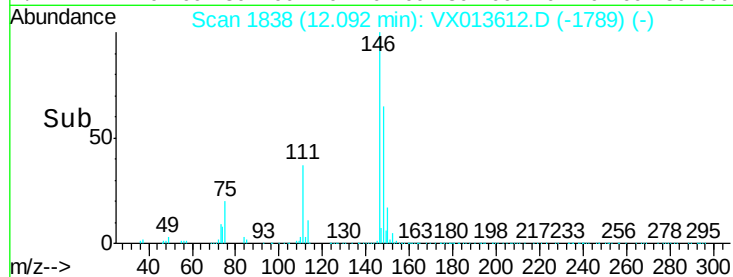
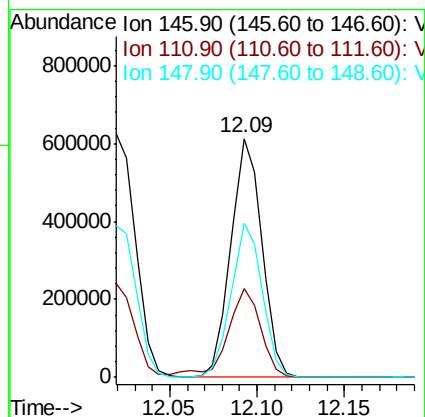
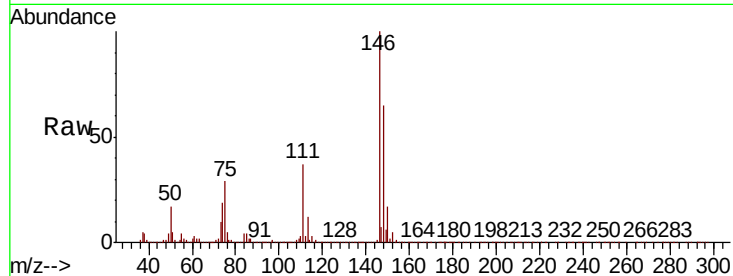
#88
 1,4-Dichlorobenzene
 Concen: 49.130 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013612.D
 Acq: 26 Nov 2019 20:30

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	18.9	56.9
148	64.5	31.9	95.5

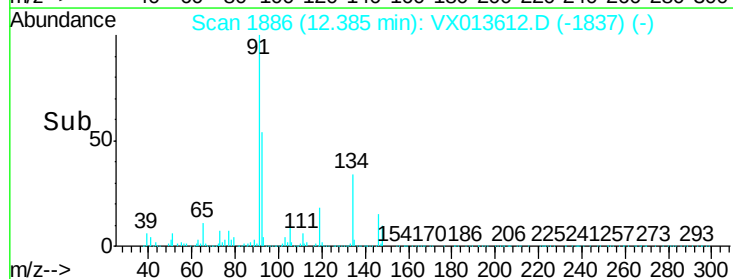
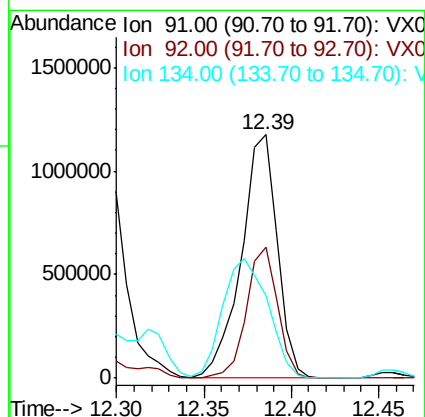
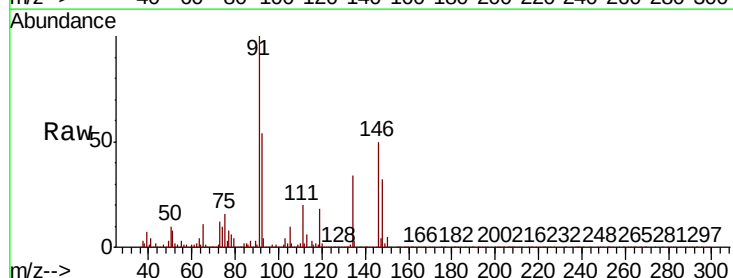
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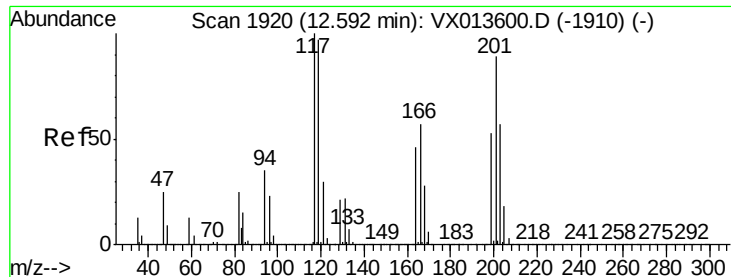
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#89
 n-Butylbenzene
 Concen: 69.021 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013612.D
 Acq: 26 Nov 2019 20:30

Tgt Ion	Ratio	Lower	Upper
91	100		
92	46.4	27.4	82.2
134	62.0	13.5	40.4





#90

Hexachloroethane

Concen: 92.875 ug/l

RT: 12.59 min Scan# 1919

Delta R.T. -0.01 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

Instrument :

MSVOA_X

ClientSampleId :

MW-6MSD

Tot Ion:117 Resp: 478418

Ion Ratio Lower Upper

117 100

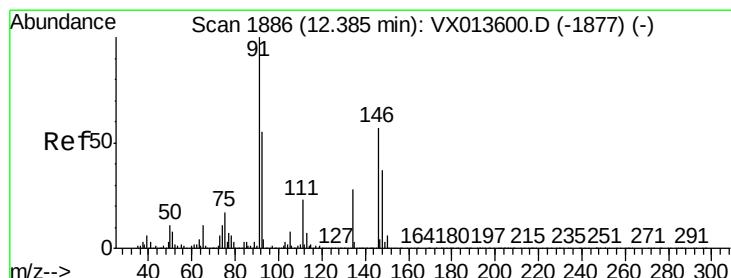
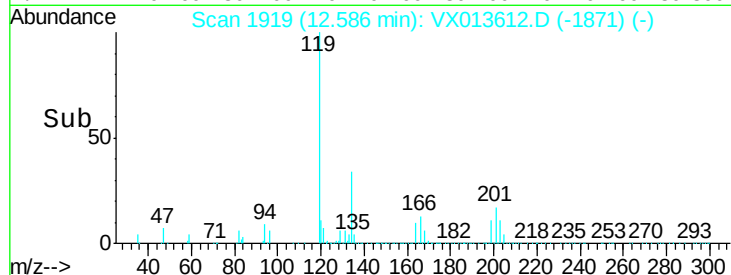
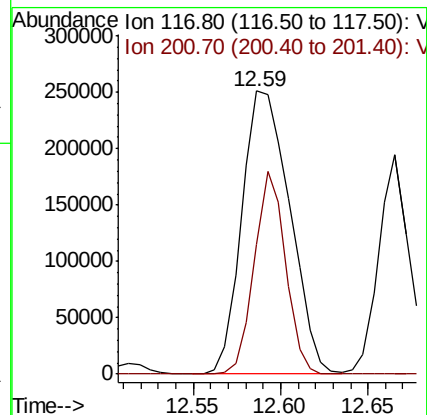
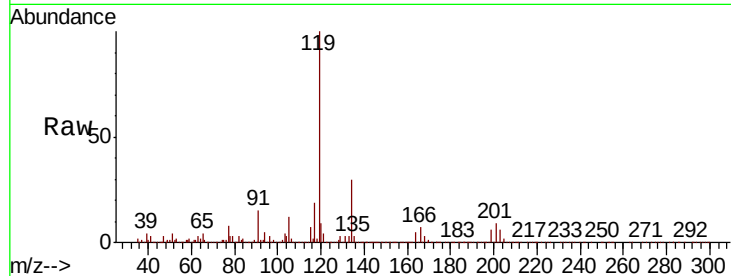
201 46.6 44.1 132.4

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#91

1,2-Dichlorobenzene

Concen: 49.239 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

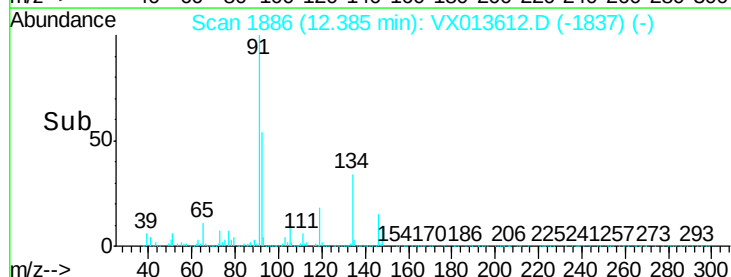
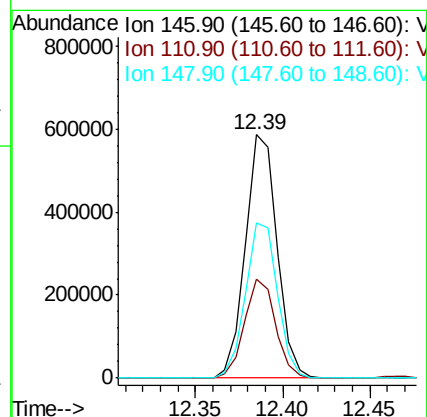
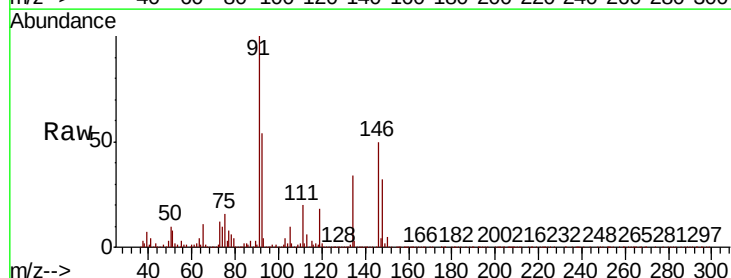
Tgt Ion:146 Resp: 737682

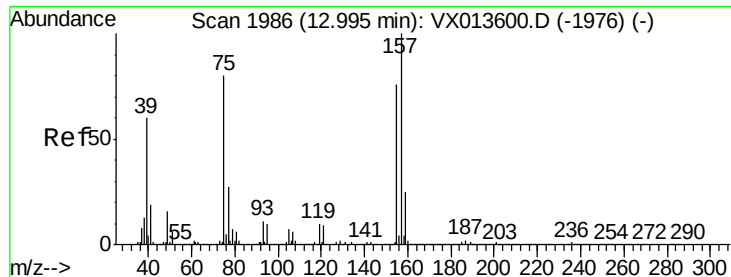
Ion Ratio Lower Upper

146 100

111 39.8 19.6 58.7

148 64.7 31.9 95.7





#92

1,2-Dibromo-3-Chloropropane

Concen: 62.398 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

Instrument :

MSVOA_X

ClientSampleId :

MW-6MSD

Tot Ion: 75 Resp: 151730

Ion Ratio Lower Upper

75 100

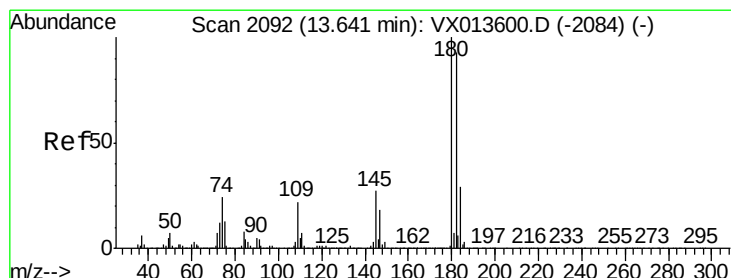
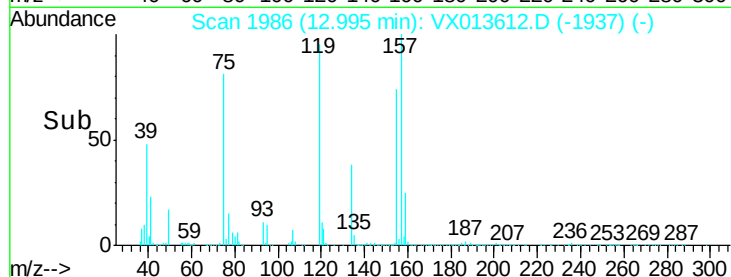
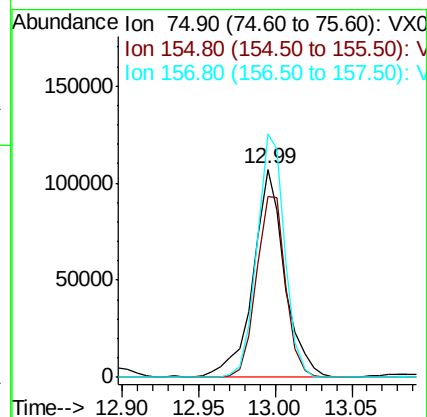
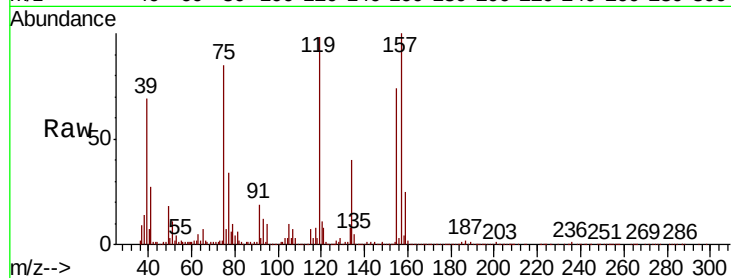
155 80.8 47.6 142.8

157 104.0 62.1 186.2

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#93

1,2,4-Trichlorobenzene

Concen: 50.435 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

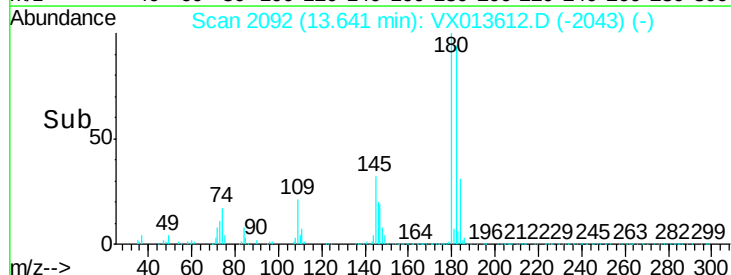
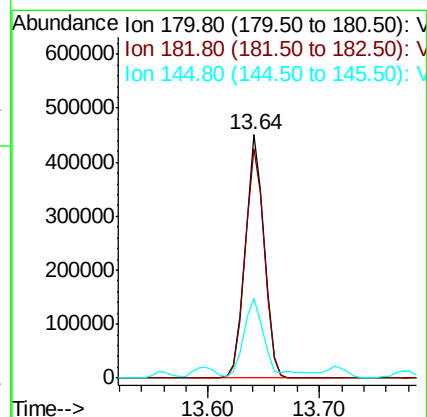
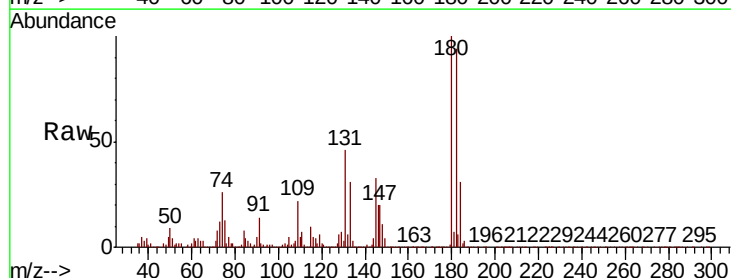
Tgt Ion: 180 Resp: 526602

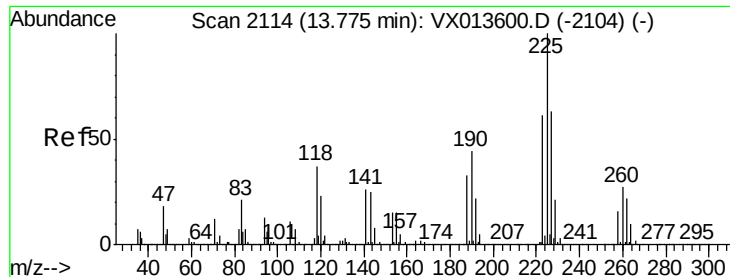
Ion Ratio Lower Upper

180 100

182 96.2 47.2 141.6

145 36.6 13.8 41.4





#94

Hexachlorobutadiene

Concen: 40.204 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

Instrument :

MSVOA_X

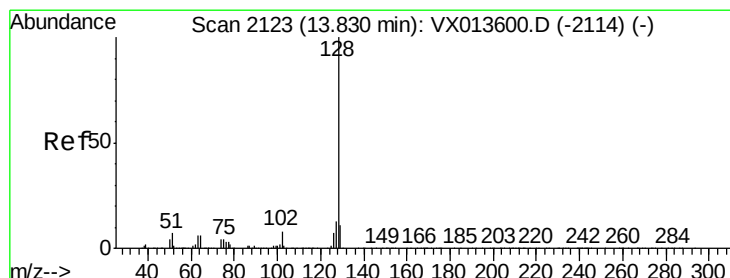
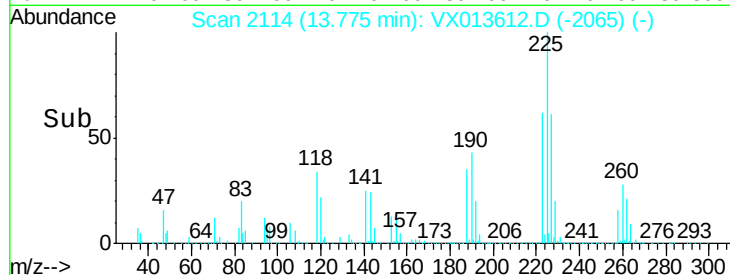
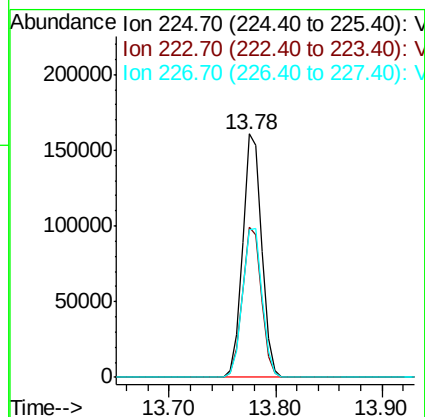
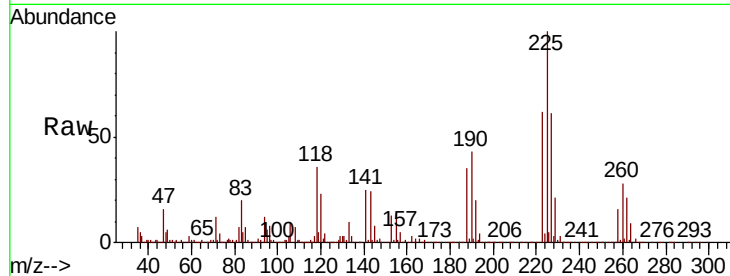
ClientSampleId :

MW-6MSD

Tot Ion:	225	Resp:	201652
Ion Ratio		Lower	Upper
225	100		
223	62.0	31.9	95.5
227	63.0	32.1	96.3

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#95

Naphthalene

Concen: 328.019 ug/l

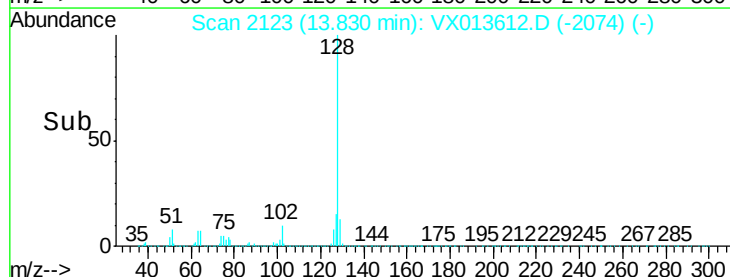
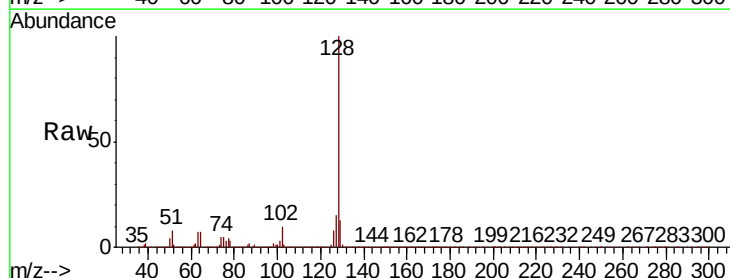
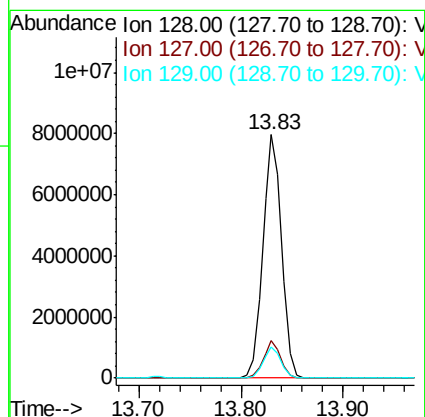
RT: 13.83 min Scan# 2123

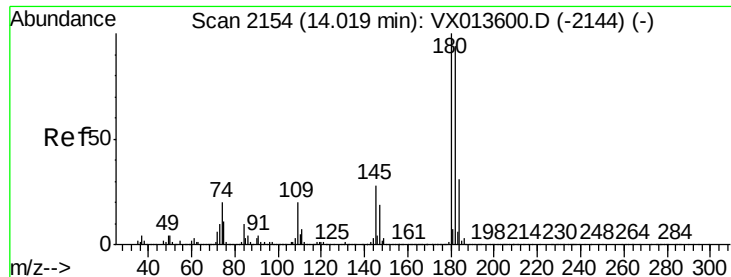
Delta R.T. 0.00 min

Lab File: VX013612.D

Acq: 26 Nov 2019 20:30

Tgt Ion:	128	Resp:	10199442
Ion Ratio		Lower	Upper
128	100		
127	14.1	10.3	15.5
129	12.2	8.7	13.1





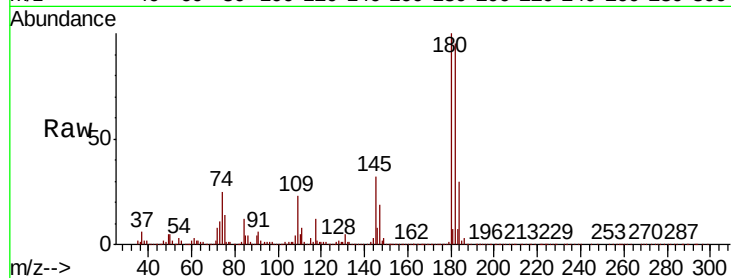
#96
 1,2,3-Trichlorobenzene
 Concen: 50.693 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. -0.01 min
 Lab File: VX013612.D
 Acq: 26 Nov 2019 20:30

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6MSD

Tot Ion	Ratio	Resp	Lower	Upper
180	100	524061		
182	95.1	47.6	142.8	
145	31.7	15.0	45.0	

Manual Integrations
 APPROVED

apatel
 11/27/2019 3:44:24 PM



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

