

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112719\
 Data File : VX013658.D
 Acq On : 27 Nov 2019 17:47
 Operator : JC/SP
 Sample : VX1127WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1127WBSD01

Manual Integrations
 APPROVED

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 12/2/2019 3:17:34 PM

Quant Time: Nov 28 04:11:49 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	649892	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1000972	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	898952	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	448738	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	368280	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	
35) Dibromofluoromethane	5.49	113	299356	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	
50) Toluene-d8	8.71	98	1178909	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	
62) 4-Bromofluorobenzene	11.13	95	422302	48.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	148861	20.579	ug/l	99
3) Chloromethane	1.32	50	165029	20.332	ug/l	98
4) Vinyl Chloride	1.40	62	191039	20.912	ug/l	98
5) Bromomethane	1.64	94	102698	16.739	ug/l	95
6) Chloroethane	1.72	64	107921	20.760	ug/l	96
7) Trichlorofluoromethane	1.92	101	204844	20.193	ug/l	99
8) Diethyl Ether	2.18	74	92782	20.217	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	121171	19.556	ug/l	98
10) Methyl Iodide	2.50	142	138669	18.501	ug/l	99
11) Tert butyl alcohol	3.03	59	174863	93.909	ug/l	98
12) 1,1-Dichloroethene	2.37	96	125021	20.214	ug/l	97
13) Acrolein	2.28	56	103964	87.485	ug/l	99
14) Allyl chloride	2.72	41	218347	19.454	ug/l	98
15) Acrylonitrile	3.13	53	399426	103.920	ug/l	99
16) Acetone	2.43	43	441879	118.642	ug/l	100
17) Carbon Disulfide	2.56	76	328667	18.641	ug/l	99
18) Methyl Acetate	2.76	43	231539	22.325	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	410590	20.040	ug/l	100
20) Methylene Chloride	2.85	84	138764	19.393	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	135667	20.136	ug/l	95
22) Diisopropyl ether	3.84	45	438472	20.288	ug/l	99
23) Vinyl Acetate	3.80	43	1208265	67.204	ug/l	99
24) 1,1-Dichloroethane	3.69	63	242166	20.497	ug/l	98
25) 2-Butanone	4.65	43	610382	110.272	ug/l	98
26) 2,2-Dichloropropane	4.57	77	167635	17.149	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	151642	19.598	ug/l	99
28) Bromochloromethane	5.00	49	99281	21.257	ug/l	99
29) Tetrahydrofuran	5.11	42	363975	106.665	ug/l	99
30) Chloroform	5.20	83	233099	19.454	ug/l	98
31) Cyclohexane	5.57	56	216449	19.424	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	195946	19.570	ug/l	99
36) 1,1-Dichloropropene	5.79	75	174352	19.188	ug/l	98
37) Ethyl Acetate	4.82	43	209270	20.530	ug/l	99
38) Carbon Tetrachloride	5.78	117	166163	19.832	ug/l	98

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	218494	19.454	ug/l	98
40) Benzene	6.13	78	551385	19.924	ug/l	99
41) Methacrylonitrile	5.03	41	114145	20.418	ug/l	99
42) 1,2-Dichloroethane	6.18	62	188966	20.022	ug/l	100
43) Isopropyl Acetate	6.43	43	332433	19.809	ug/l	99
44) Trichloroethene	7.20	130	154658	20.363	ug/l	97
45) 1,2-Dichloropropane	7.51	63	137351	19.837	ug/l	99
46) Dibromomethane	7.65	93	92825	19.739	ug/l	100
47) Bromodichloromethane	7.89	83	173351	19.500	ug/l	96
48) Methyl methacrylate	7.76	41	165796	20.334	ug/l	99
49) 1,4-Dioxane	7.73	88	71891	393.894	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1098300	104.045	ug/l	99
52) Toluene	8.78	92	344040	20.011	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	189298	18.707	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	208852	18.892	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	140109	20.223	ug/l	97
56) Ethyl methacrylate	9.17	69	222412	19.968	ug/l	100
57) 1,3-Dichloropropane	9.37	76	235403	19.713	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	407239	93.250	ug/l	99
59) 2-Hexanone	9.48	43	875416	106.331	ug/l	98
60) Dibromochloromethane	9.57	129	140812	19.585	ug/l	100
61) 1,2-Dibromoethane	9.67	107	148778	20.107	ug/l	99
64) Tetrachloroethene	9.33	164	215802	32.191	ug/l	98
65) Chlorobenzene	10.14	112	372967	19.983	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	134981	20.140	ug/l	98
67) Ethyl Benzene	10.25	91	646873	20.169	ug/l	98
68) m/p-Xylenes	10.35	106	491257	40.008	ug/l	99
69) o-Xylene	10.70	106	238756	19.937	ug/l	98
70) Styrene	10.71	104	400214	19.867	ug/l	99
71) Bromoform	10.85	173	106408	19.188	ug/l	100
73) Isopropylbenzene	11.01	105	626618	19.907	ug/l	100
74) N-amyl acetate	10.89	43	282918	19.621	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	206627	18.929	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	177668m	17.603	ug/l	
77) Bromobenzene	11.25	156	167360	19.681	ug/l	100
78) n-propylbenzene	11.35	91	715012	20.348	ug/l	100
79) 2-Chlorotoluene	11.42	91	421196	19.982	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	528224	20.475	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	64538	17.494	ug/l	95
82) 4-Chlorotoluene	11.51	91	482545	19.766	ug/l	100
83) tert-Butylbenzene	11.76	119	447739	17.077	ug/l	89
84) 1,2,4-Trimethylbenzene	11.80	105	533316	20.369	ug/l	99
85) sec-Butylbenzene	11.94	105	608949	20.334	ug/l	99
86) p-Isopropyltoluene	12.06	119	556758	19.984	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	289999	19.564	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	292712	19.387	ug/l	99
89) n-Butylbenzene	12.38	91	471295	19.834	ug/l	99
90) Hexachloroethane	12.59	117	93314	18.530	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	288838	19.721	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	47968	20.179	ug/l	98

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VX1127WBSD01

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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)
93) 1,2,4-Trichlorobenzene	13.64	180	202776	19.866	ug/l	99
94) Hexachlorobutadiene	13.77	225	94635	19.300	ug/l	98
95) Naphthalene	13.83	128	635254	20.898	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	198692	19.660	ug/l	97

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

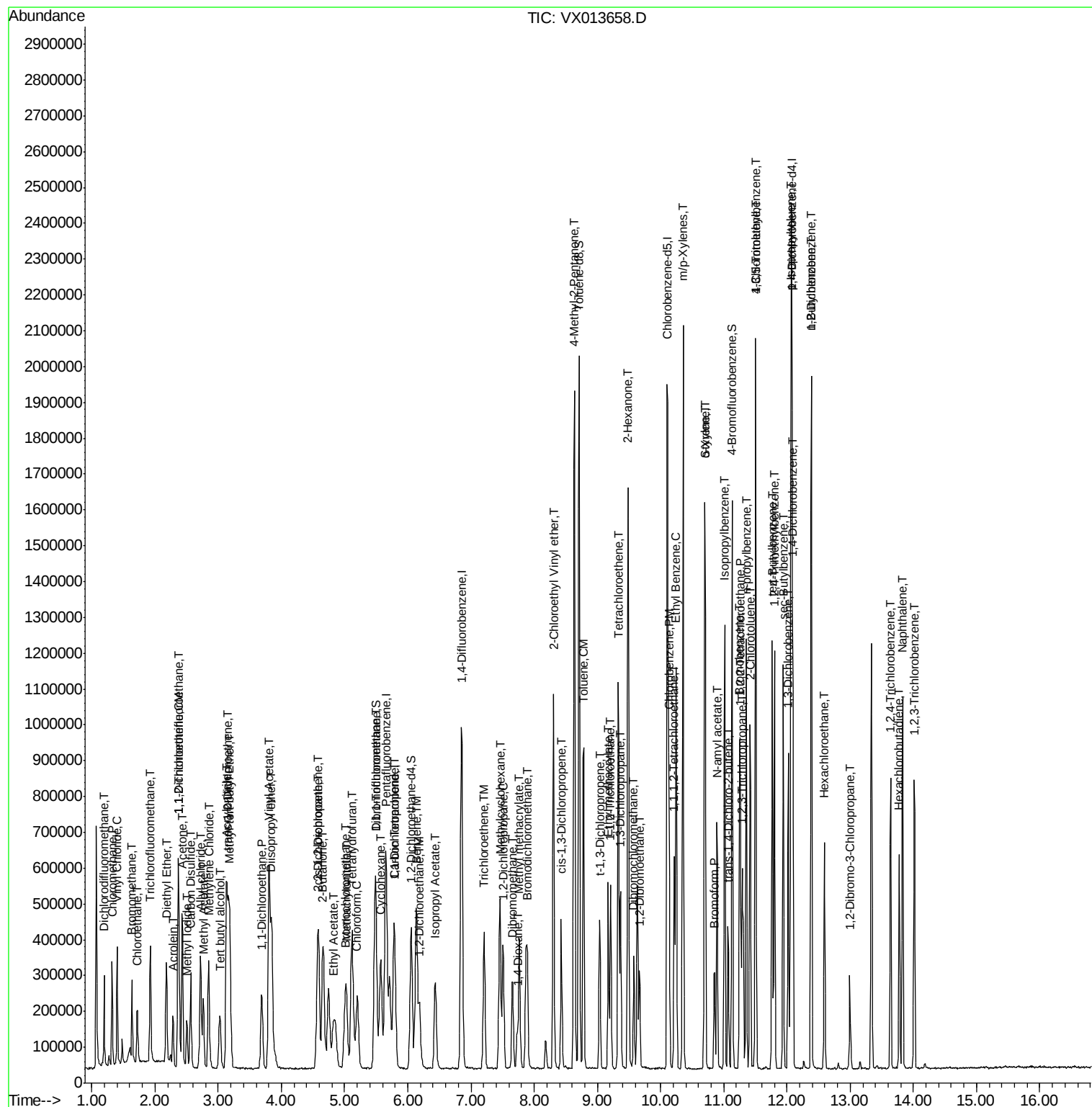
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 Data File : VX013658.D
 Acq On : 27 Nov 2019 17:47
 Operator : JC/SP
 Sample : VX1127WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

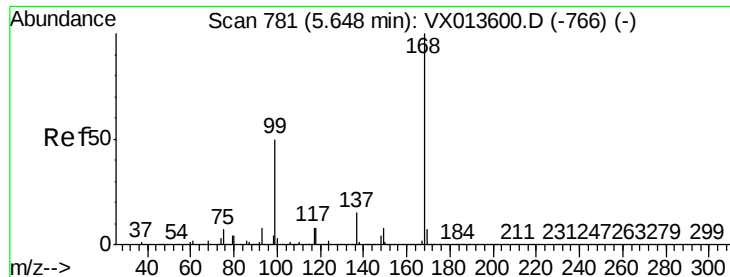
Instrument :
 MSVOA_X
 ClientSampleID :
 VX1127WBSD01

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#1

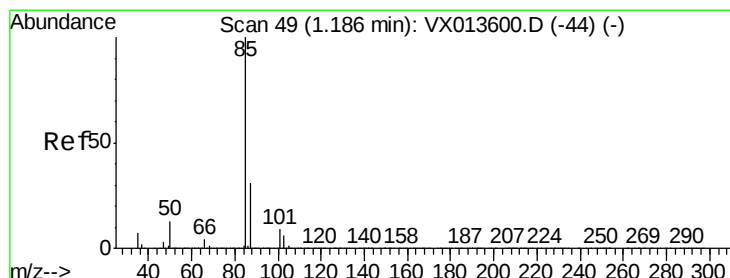
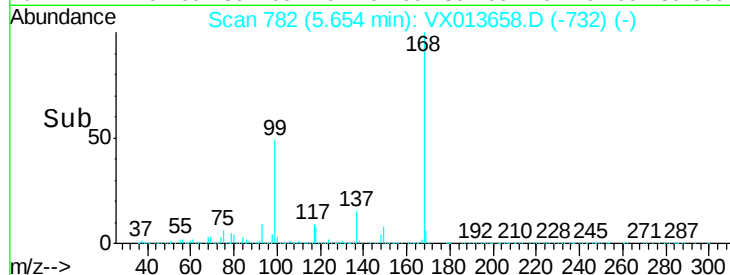
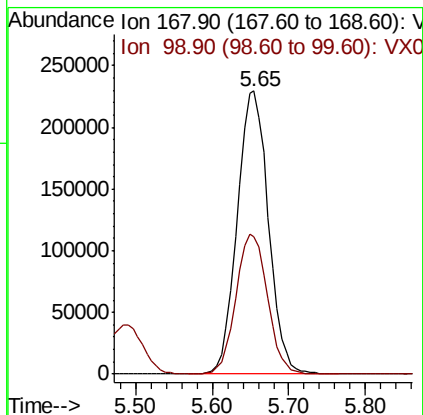
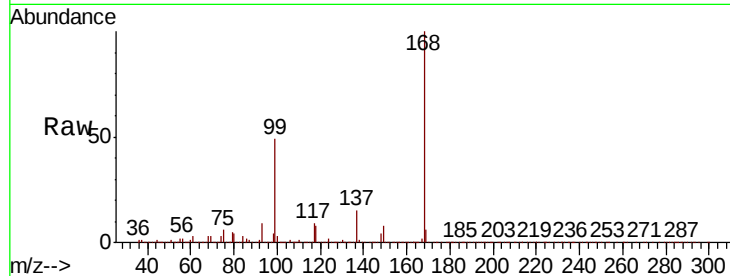
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. 0.01 min
 Lab File: VX013658.D
 Acq: 27 Nov 2019 17:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1127WBSD01

Tot Ion	Ratio	Lower	Upper
168	100		
99	48.6	39.8	59.8

Manual Integrations
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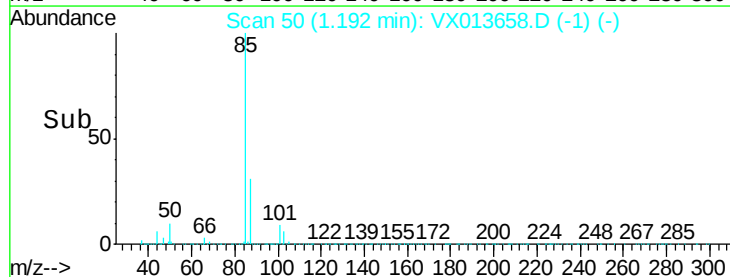
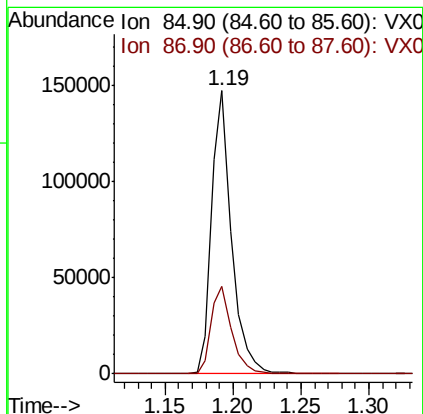
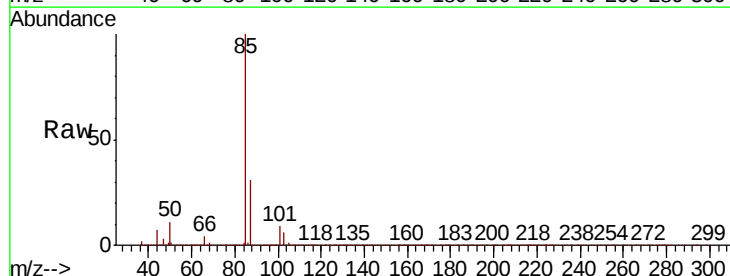
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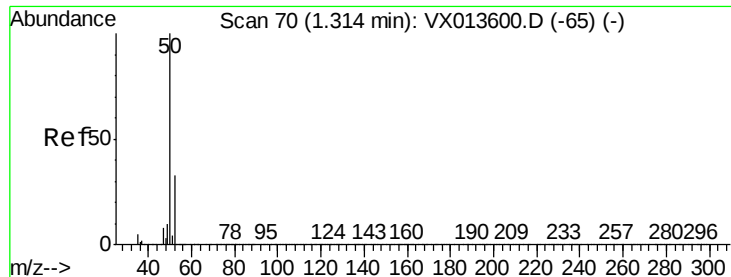


#2

Dichlorodifluoromethane
 Concen: 20.579 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.01 min
 Lab File: VX013658.D
 Acq: 27 Nov 2019 17:47

Tgt Ion	Ratio	Lower	Upper
85	100		
87	30.9	15.7	47.1





#3

Chloromethane

Concen: 20.332 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013658.D

Acq: 27 Nov 2019 17:47

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBSD01

Tot Ion: 50 Resp: 165029

Ion Ratio Lower Upper

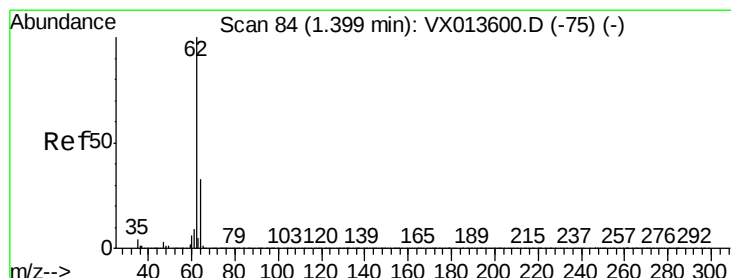
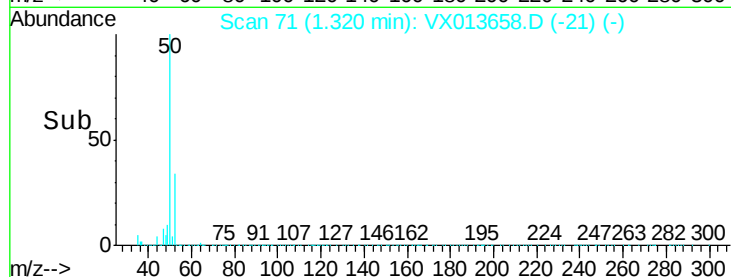
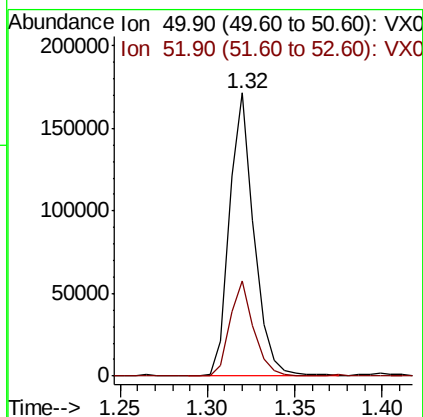
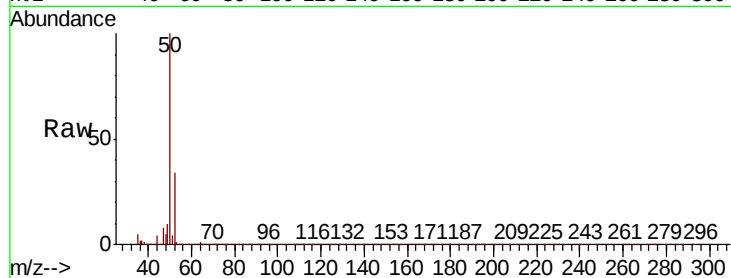
50 100

52 33.5 26.0 39.0

Manual Integrations
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#4

Vinyl Chloride

Concen: 20.912 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013658.D

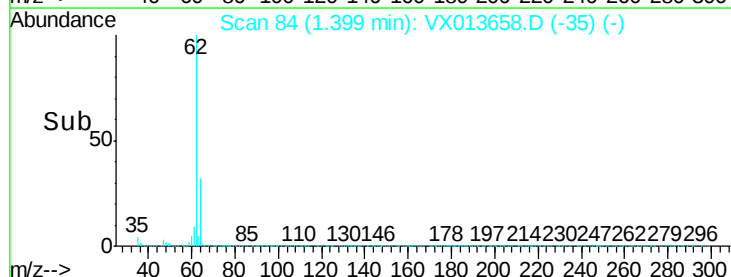
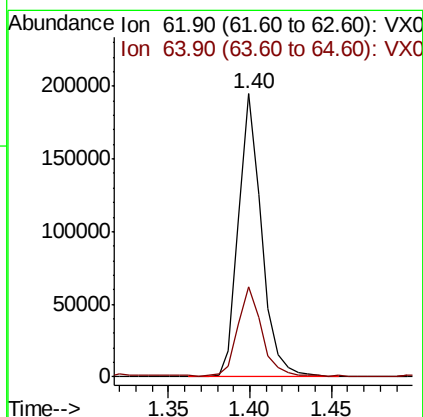
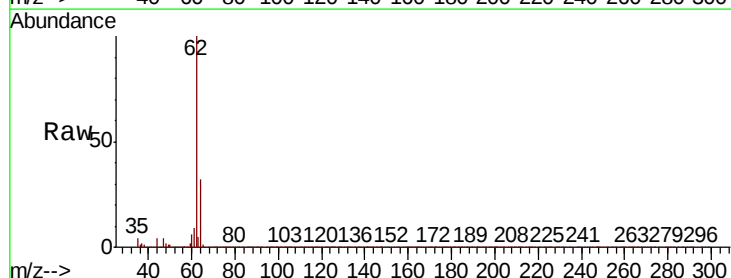
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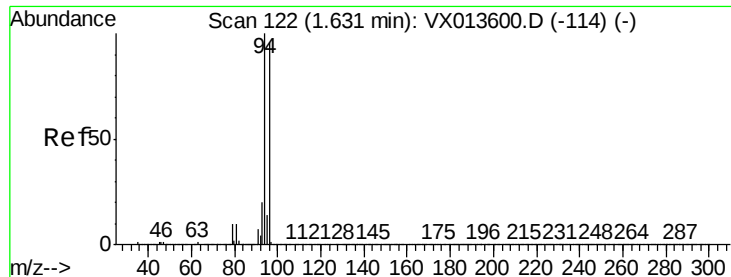
Tgt Ion: 62 Resp: 191039

Ion Ratio Lower Upper

62 100

64 31.6 26.0 39.0





#5

Bromomethane

Concen: 16.739 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX013658.D

Acq: 27 Nov 2019 17:47

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBSD01

Tot Ion: 94 Resp: 102698

Ion Ratio Lower Upper

94 100

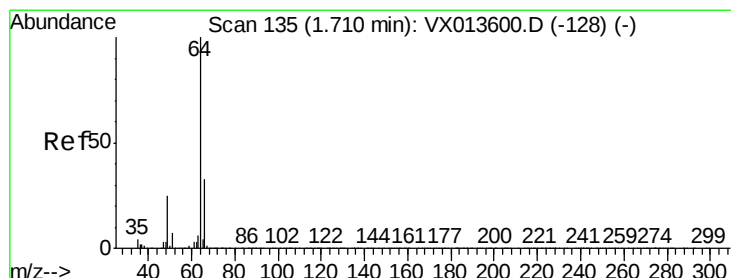
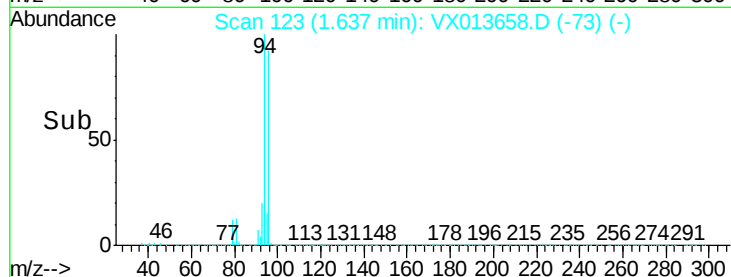
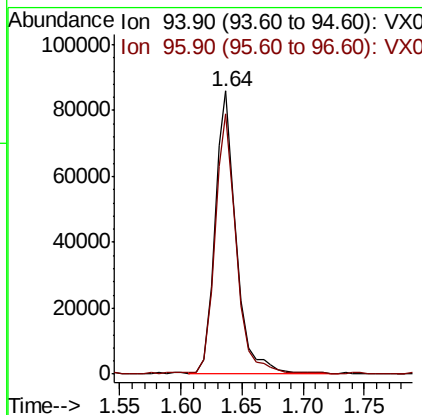
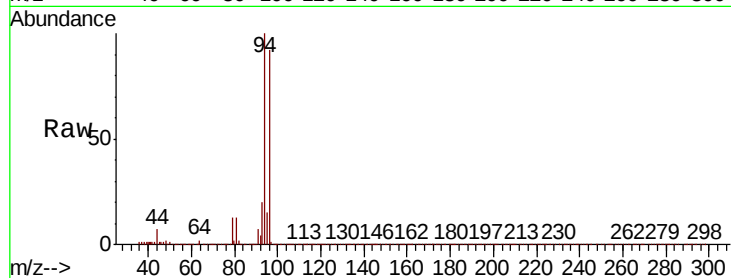
96 91.8 77.0 115.4

Manual Integrations

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#6

Chloroethane

Concen: 20.760 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.01 min

Lab File: VX013658.D

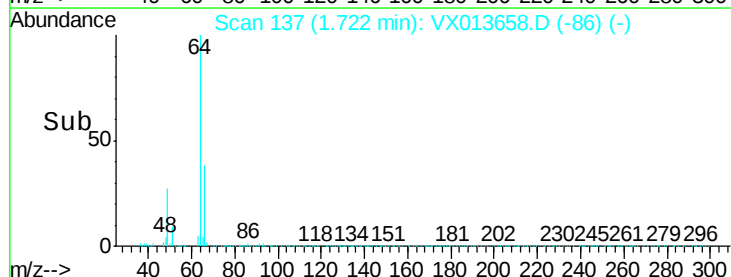
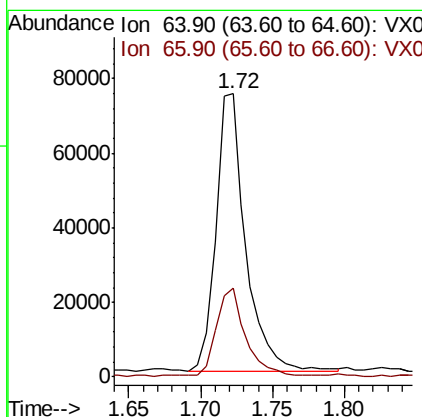
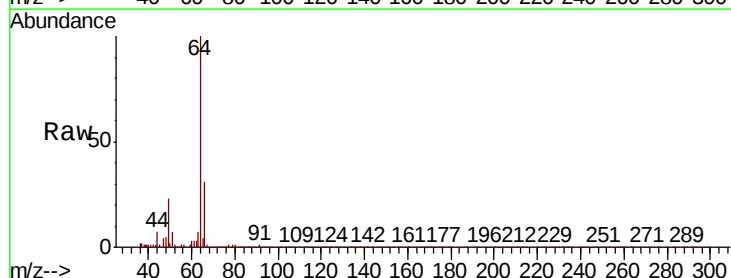
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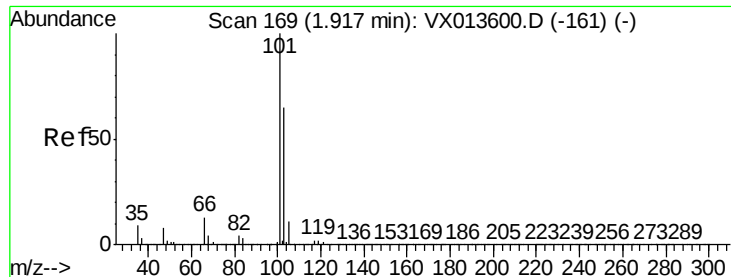
Tgt Ion: 64 Resp: 107921

Ion Ratio Lower Upper

64 100

66 31.2 26.7 40.1





#7

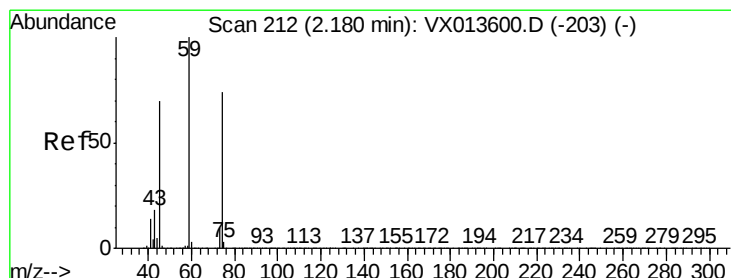
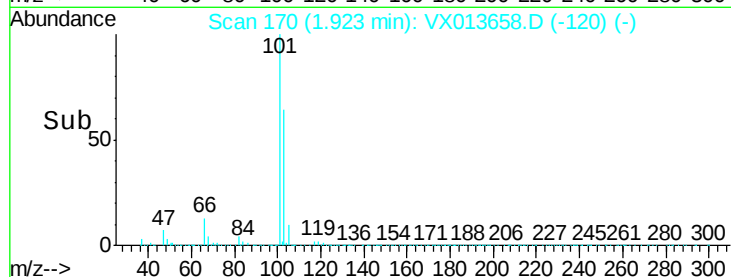
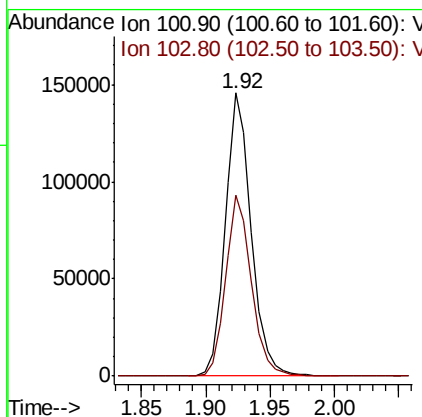
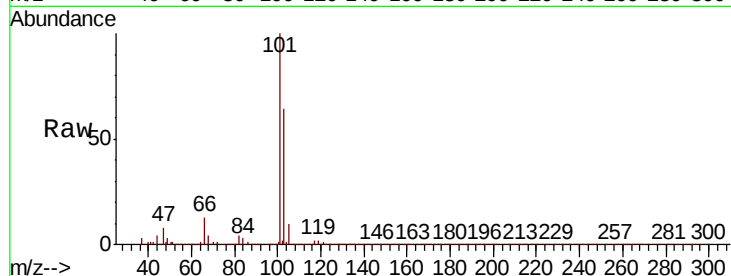
Trichlorofluoromethane
Concen: 20.193 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013658.D
Acq: 27 Nov 2019 17:47

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.8	51.8	77.6

Manual Integrations
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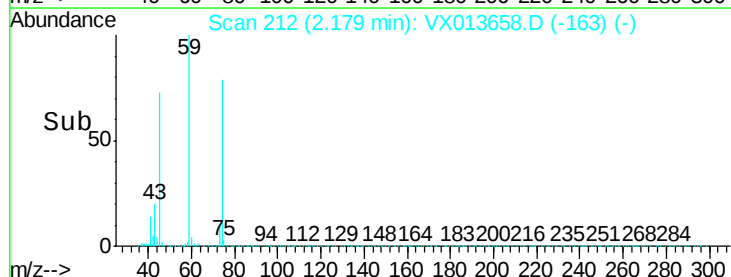
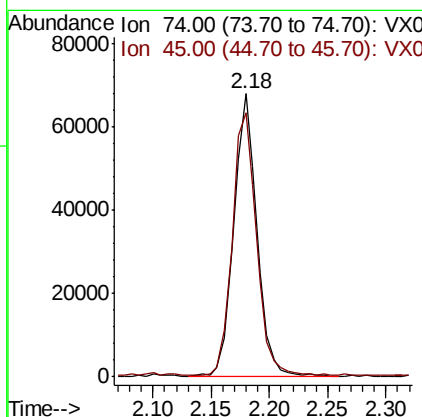
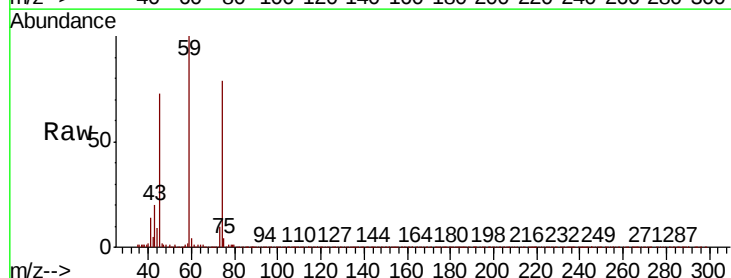
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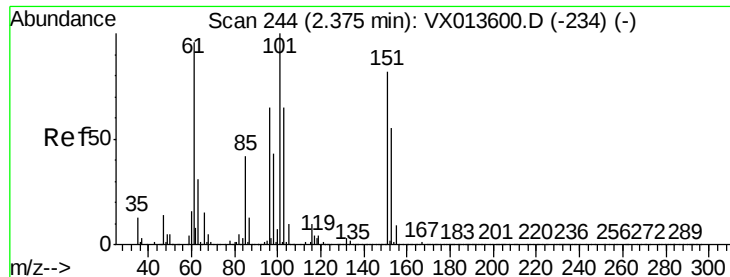


#8

Diethyl Ether
Concen: 20.217 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013658.D
Acq: 27 Nov 2019 17:47

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.6	48.9	146.8





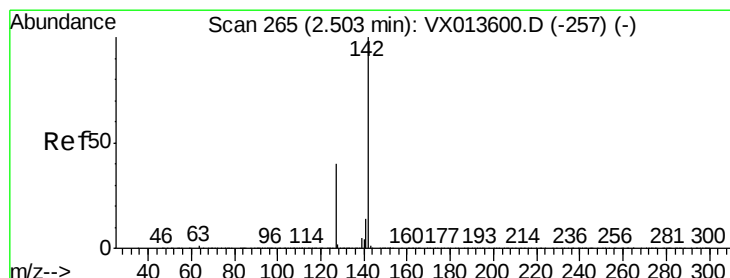
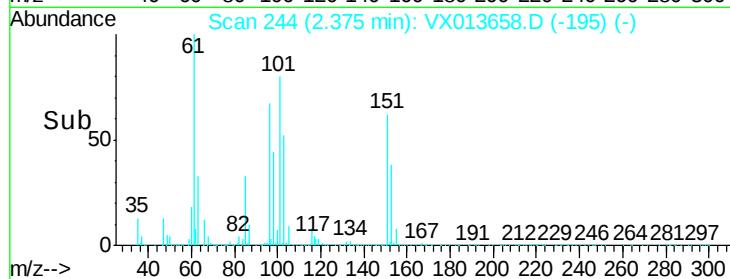
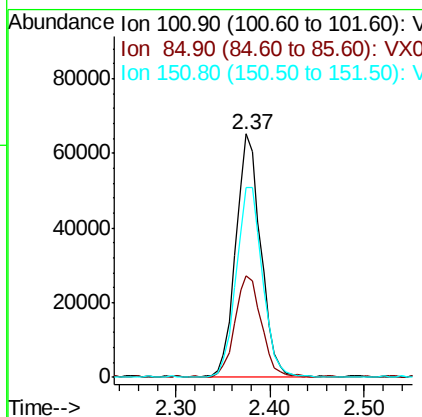
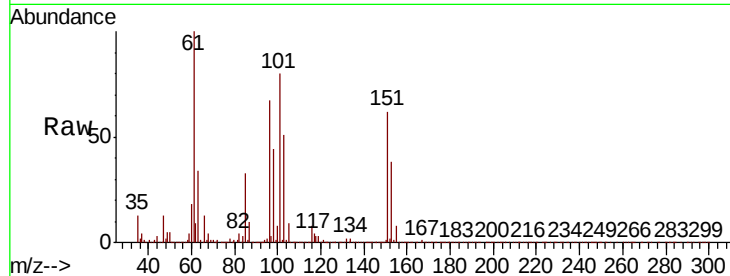
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.556 ug/l
RT: 2.37 min Scan# 244
Delta R.T. -0.00 min
Lab File: VX013658.D
Acq: 27 Nov 2019 17:47

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD01

Tot Ion	Ratio	Resp Lower	Upper
101	100		
85	44.1	33.9	50.9
151	82.0	64.2	96.2

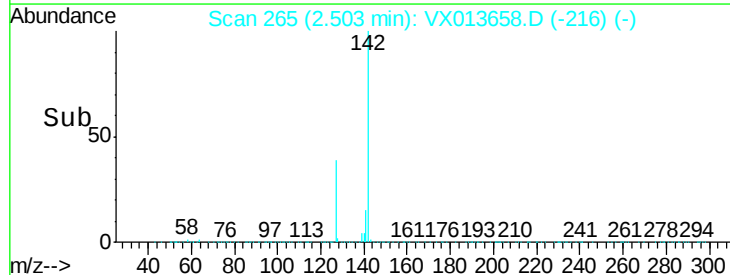
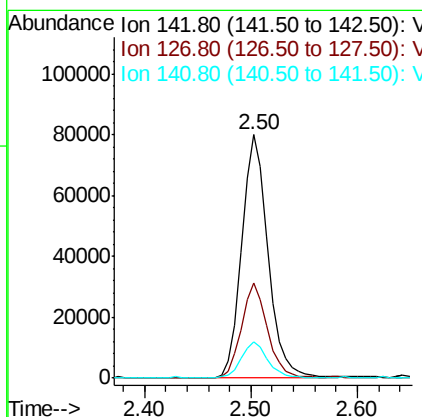
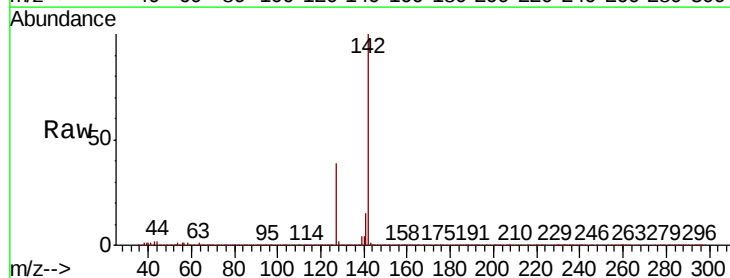
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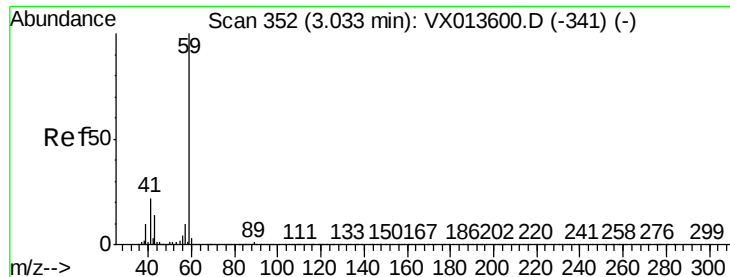
apatel
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#10
Methyl Iodide
Concen: 18.501 ug/l
RT: 2.50 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX013658.D
Acq: 27 Nov 2019 17:47

Tgt Ion	Ratio	Resp Lower	Upper
142	100		
127	38.9	31.0	46.4
141	15.2	11.6	17.4





#11

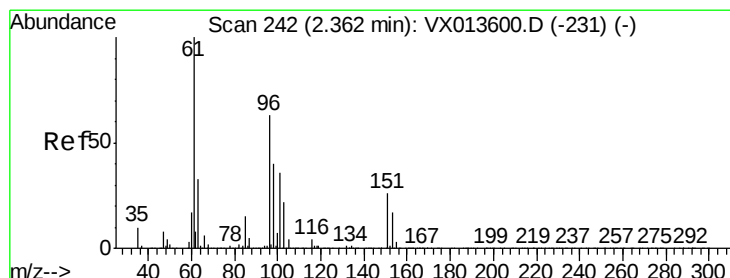
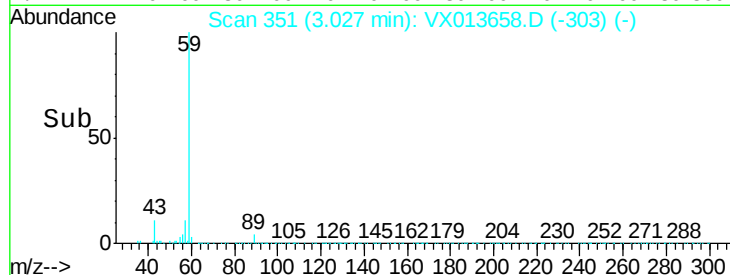
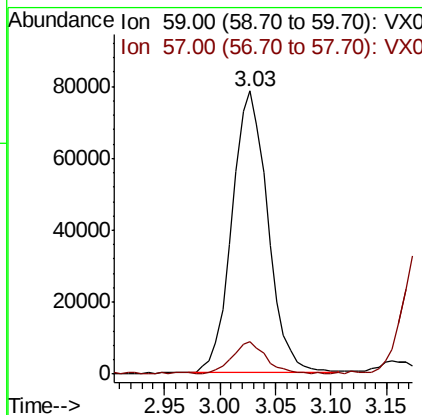
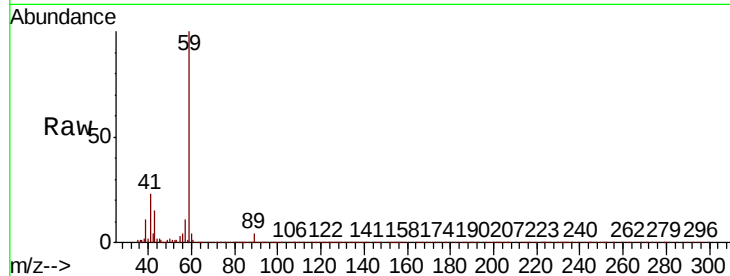
Tert butyl alcohol
Concen: 93.909 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013658.D
Acq: 27 Nov 2019 17:47

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	7.8	11.6

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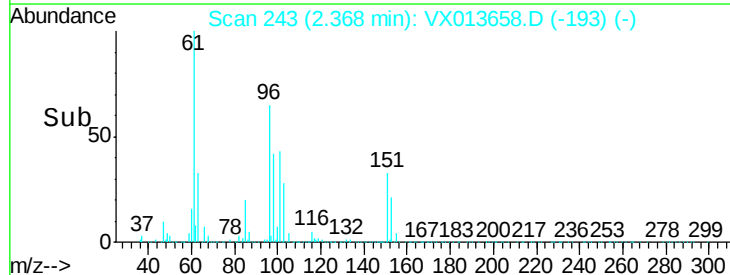
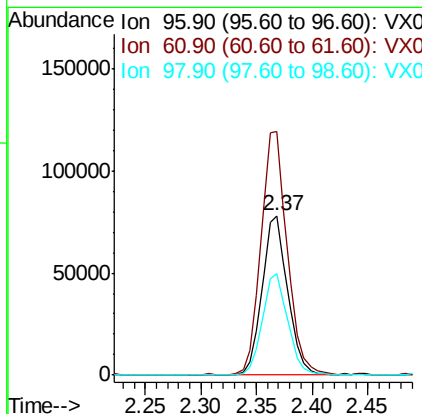
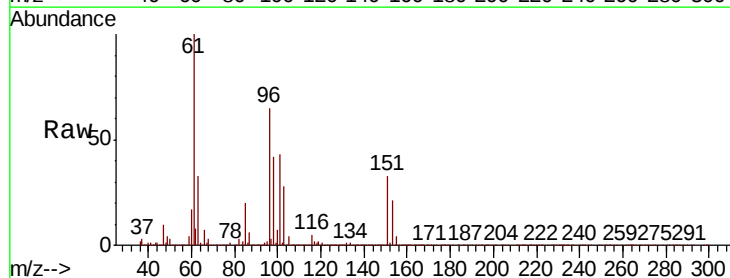
apatel
12/2/2019 3:17:34 PM

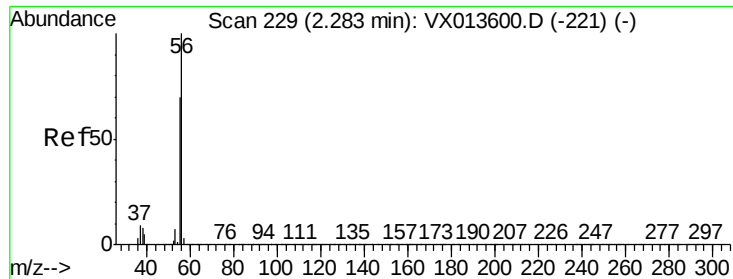


#12

1,1-Dichloroethene
Concen: 20.214 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX013658.D
Acq: 27 Nov 2019 17:47

Tgt Ion	Ratio	Lower	Upper
96	100		
61	152.9	126.6	190.0
98	63.9	50.6	76.0





#13

Acrolein

Concen: 87.485 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013658.D

Acq: 27 Nov 2019 17:47

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBSD01

Tot Ion: 56 Resp: 103964

Ion Ratio Lower Upper

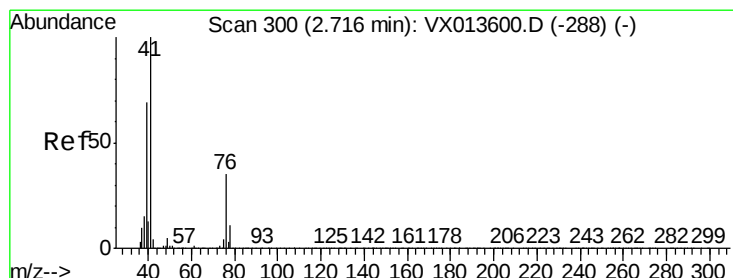
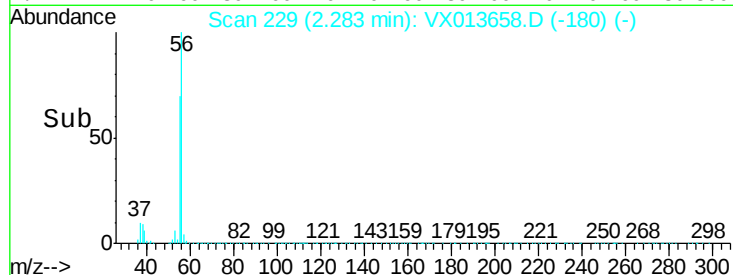
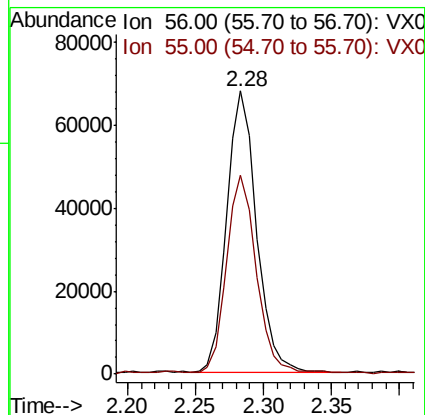
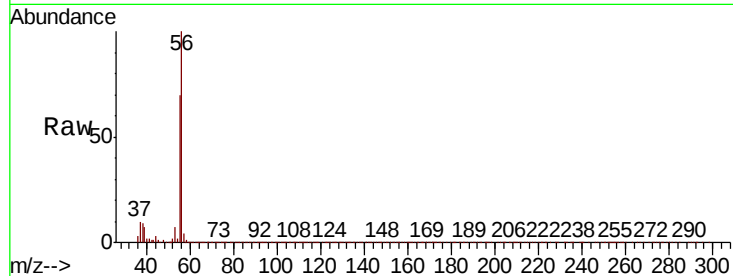
56 100

55 69.8 56.2 84.4

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#14

Allyl chloride

Concen: 19.454 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.01 min

Lab File: VX013658.D

Acq: 27 Nov 2019 17:47

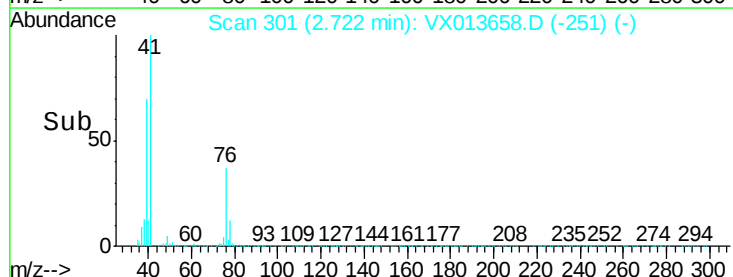
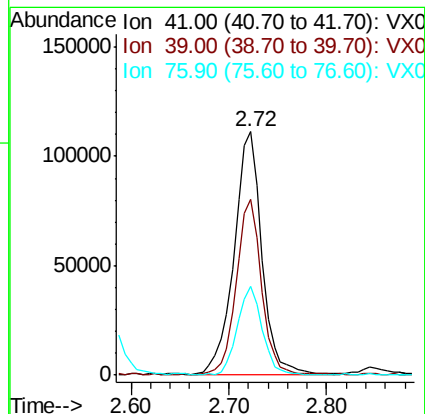
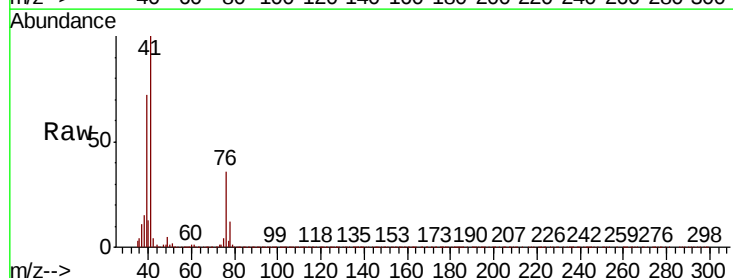
Tgt Ion: 41 Resp: 218347

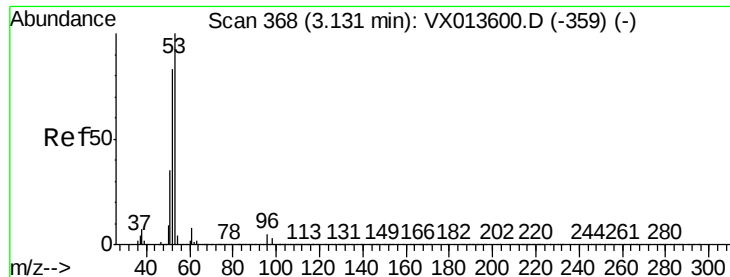
Ion Ratio Lower Upper

41 100

39 66.9 51.7 77.5

76 32.5 25.9 38.9





#15

Acrylonitrile

Concen: 103.920 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013658.D

Acq: 27 Nov 2019 17:47

Instrument :

MSVOA_X

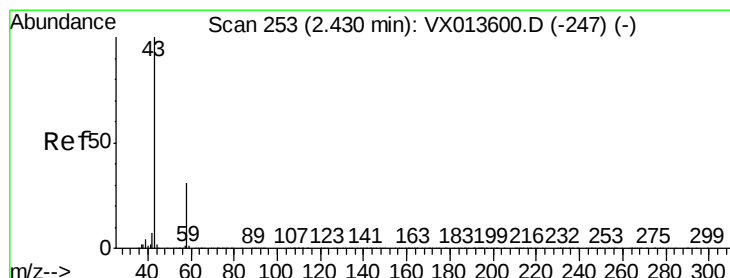
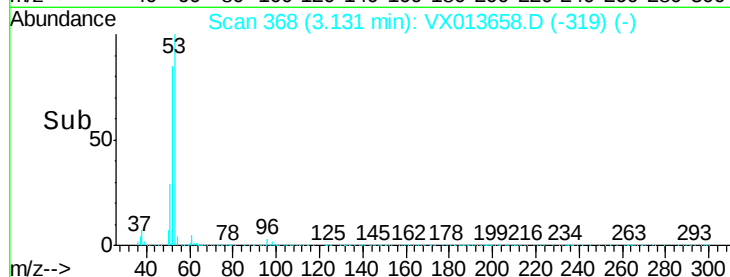
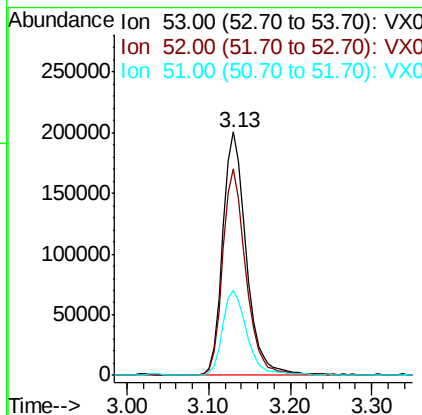
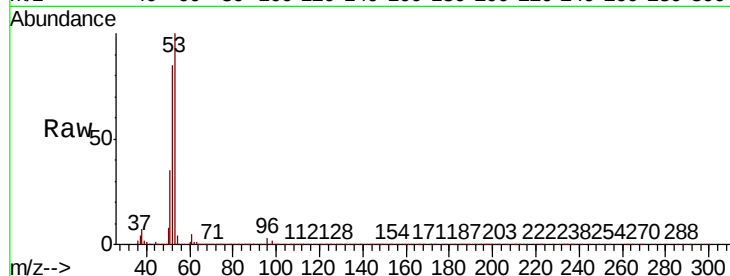
ClientSampleId :

VX1127WBSD01

Tot Ion:	53	Resp:	399426
Ion Ratio		Lower	Upper
53	100		
52	83.4	66.2	99.2
51	35.9	29.0	43.6

Manual Integrations
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#16

Acetone

Concen: 118.642 ug/l

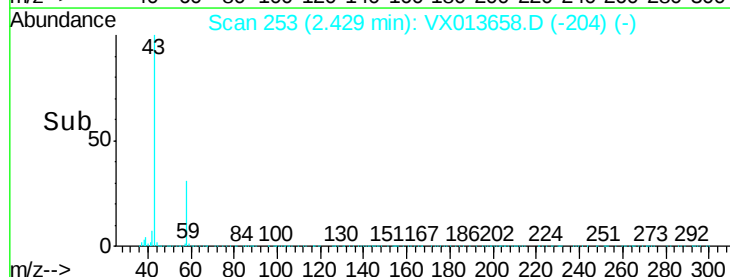
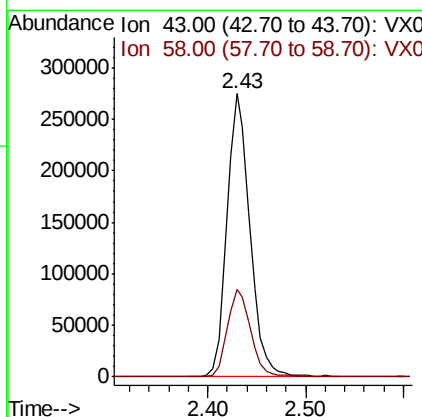
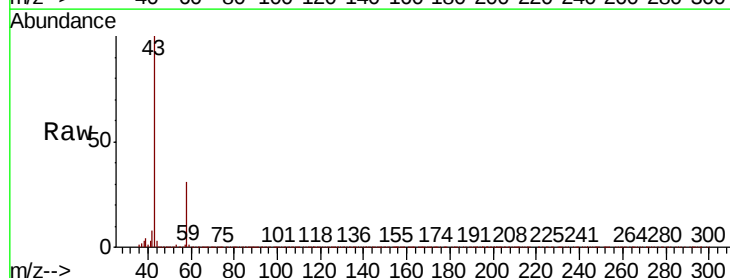
RT: 2.43 min Scan# 253

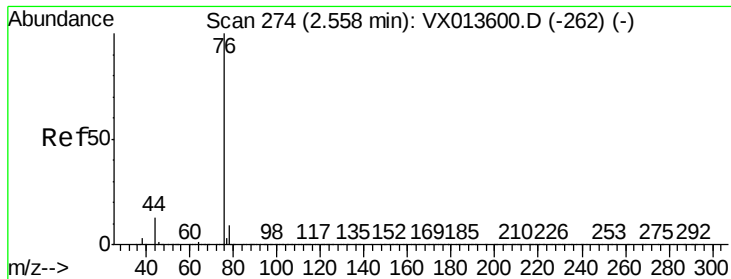
Delta R.T. -0.00 min

Lab File: VX013658.D

Acq: 27 Nov 2019 17:47

Tgt Ion:	43	Resp:	441879
Ion Ratio		Lower	Upper
43	100		
58	30.7	24.6	36.8





#17

Carbon Disulfide

Concen: 18.641 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX013658.D

Acq: 27 Nov 2019 17:47

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBSD01

Tot Ion: 76 Resp: 328667

Ion Ratio Lower Upper

76 100

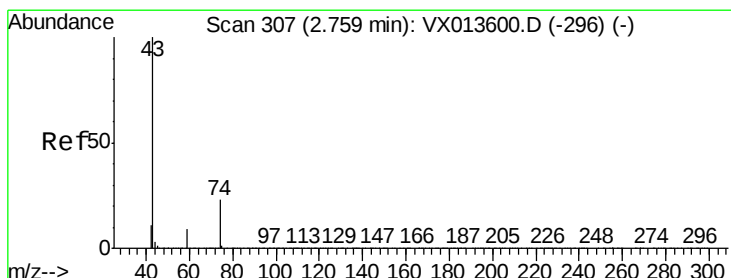
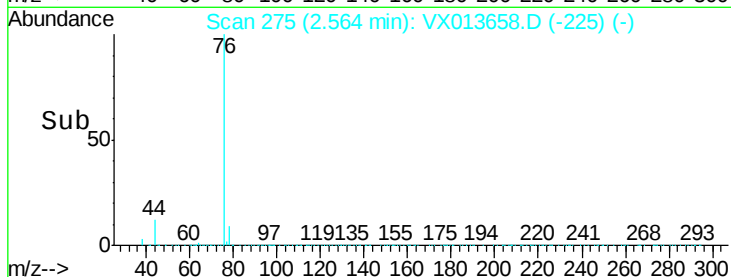
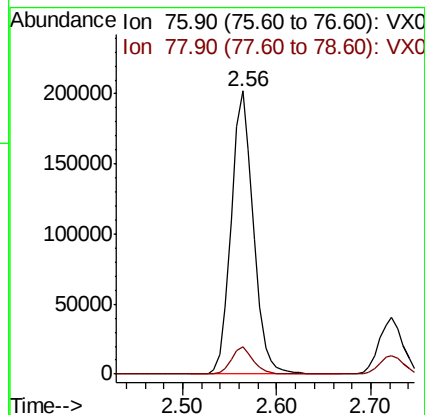
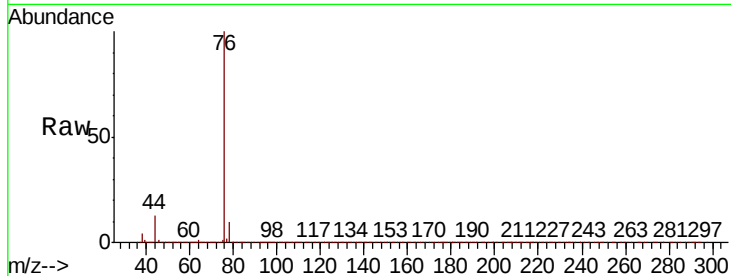
78 9.4 7.2 10.8

Manual Integrations

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#18

Methyl Acetate

Concen: 22.325 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.01 min

Lab File: VX013658.D

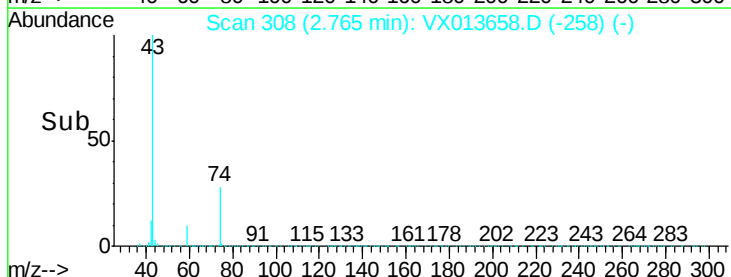
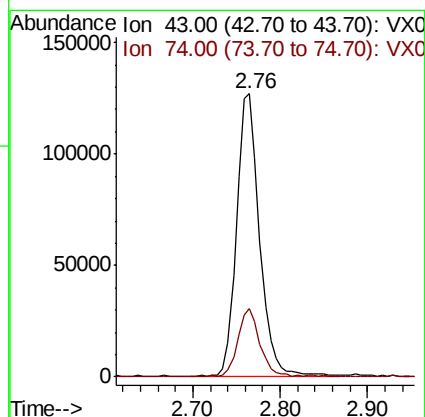
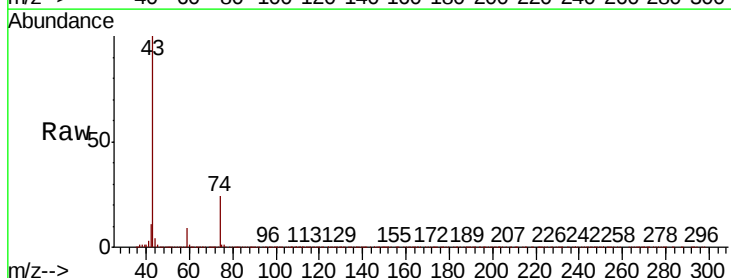
Acq: 27 Nov 2019 17:47

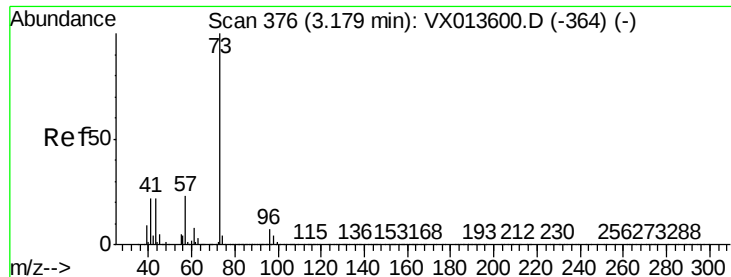
Tgt Ion: 43 Resp: 231539

Ion Ratio Lower Upper

43 100

74 23.2 19.5 29.3





#19

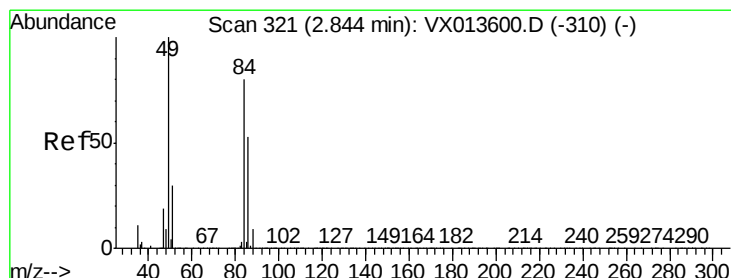
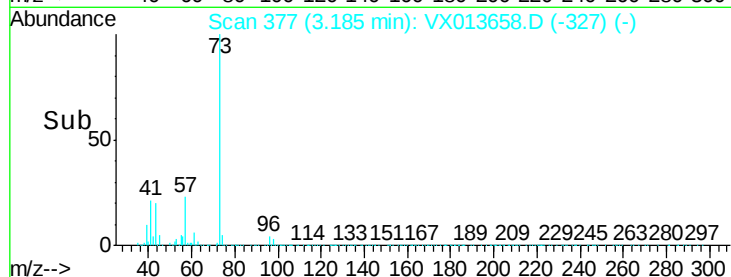
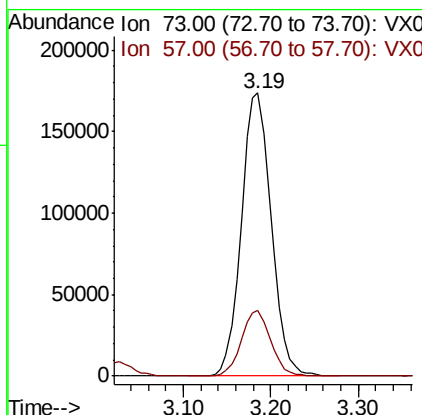
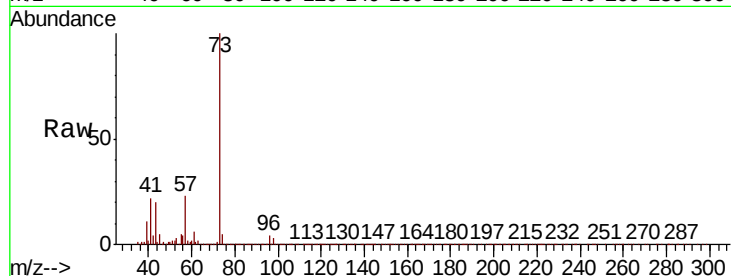
Methyl tert-butyl Ether
 Concen: 20.040 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.01 min
 Lab File: VX013658.D
 Acq: 27 Nov 2019 17:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1127WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.8	18.3	27.5

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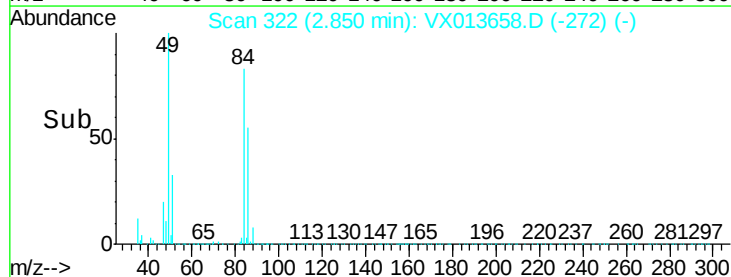
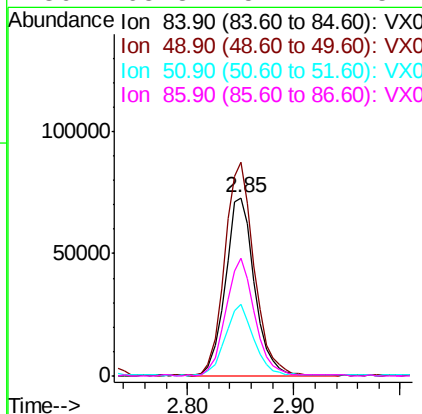
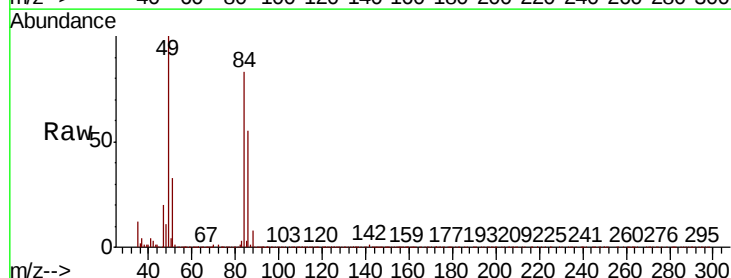
apatel
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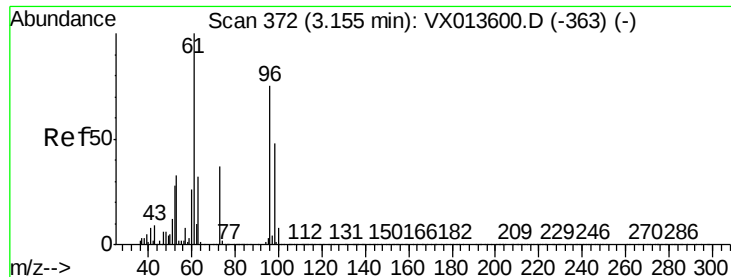


#20

Methylene Chloride
 Concen: 19.393 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. 0.01 min
 Lab File: VX013658.D
 Acq: 27 Nov 2019 17:47

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.9	99.7	149.5
51	39.8	29.9	44.9
86	65.8	52.2	78.4





#21

trans-1,2-Dichloroethene

Concen: 20.136 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013658.D

Acq: 27 Nov 2019 17:47

Instrument :

MSVOA_X

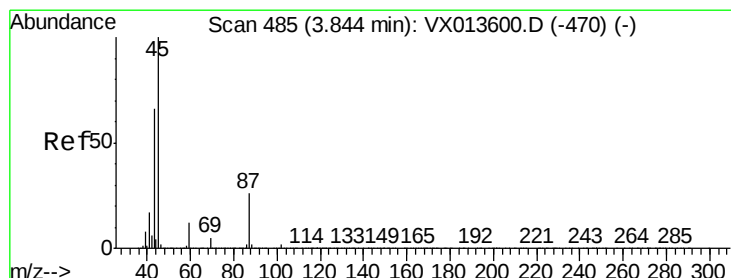
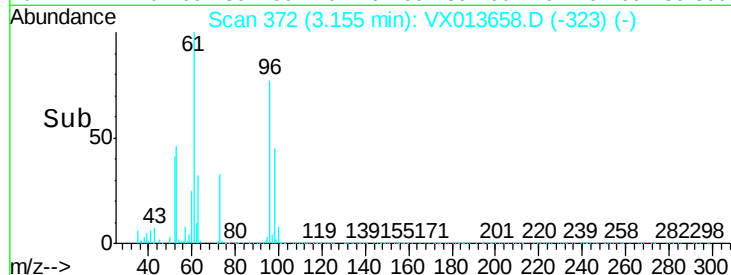
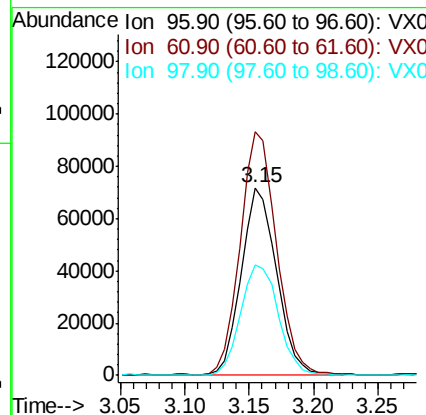
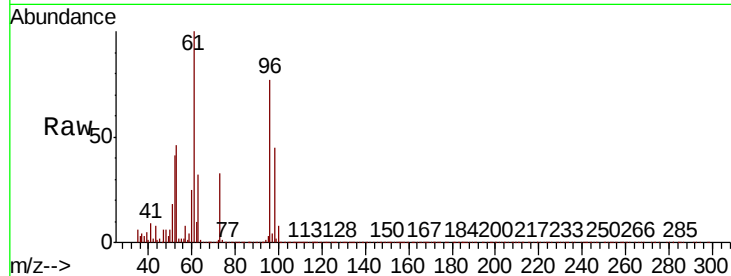
ClientSampleId :

VX1127WBSD01

Tot Ion:	96	Resp:	135667
Ion	Ratio	Lower	Upper
96	100		
61	129.8	107.2	160.8
98	58.7	51.4	77.0

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#22

Diisopropyl ether

Concen: 20.288 ug/l

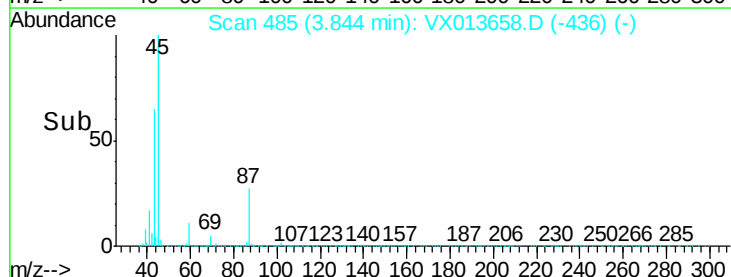
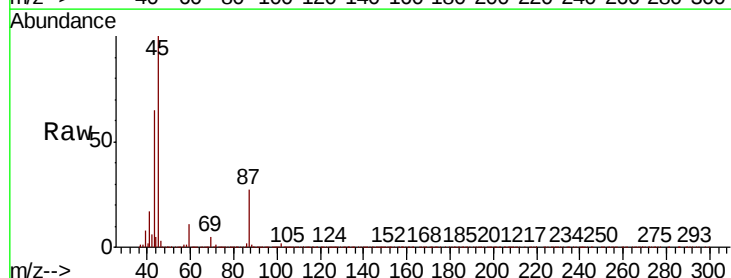
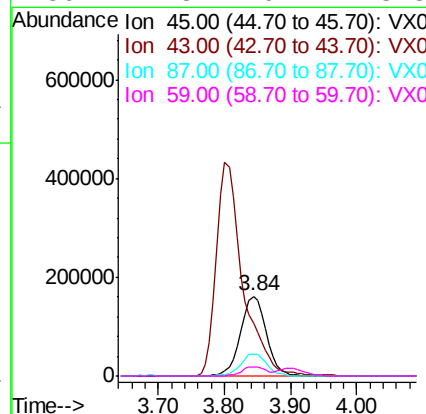
RT: 3.84 min Scan# 485

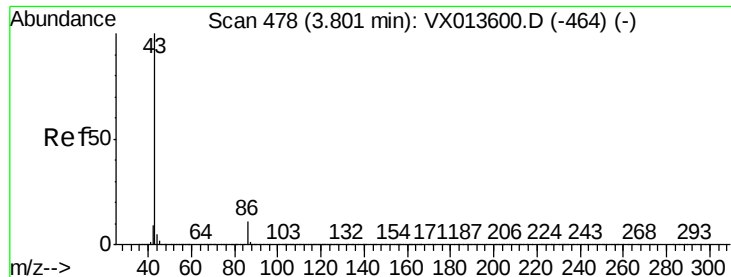
Delta R.T. -0.00 min

Lab File: VX013658.D

Acq: 27 Nov 2019 17:47

Tgt Ion:	45	Resp:	438472
Ion	Ratio	Lower	Upper
45	100		
43	65.1	52.6	79.0
87	27.4	21.1	31.7
59	11.3	9.2	13.8





#23

Vinyl Acetate

Concen: 67.204 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013658.D

Acq: 27 Nov 2019 17:47

Instrument :

MSVOA_X

ClientSampleID :

VX1127WBSD01

Tot Ion: 43 Resp: 1208265

Ion Ratio Lower Upper

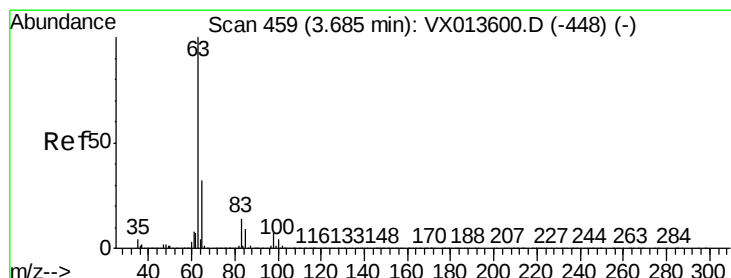
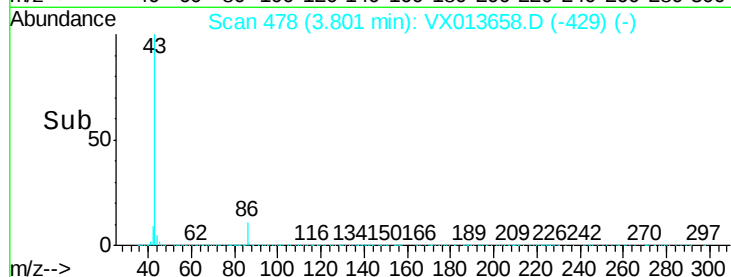
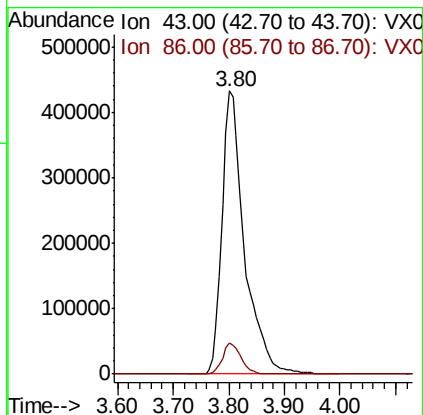
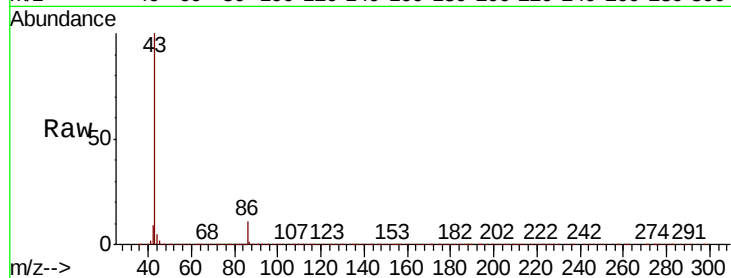
43 100

86 11.1 8.7 13.1

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#24

1,1-Dichloroethane

Concen: 20.497 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013658.D

Acq: 27 Nov 2019 17:47

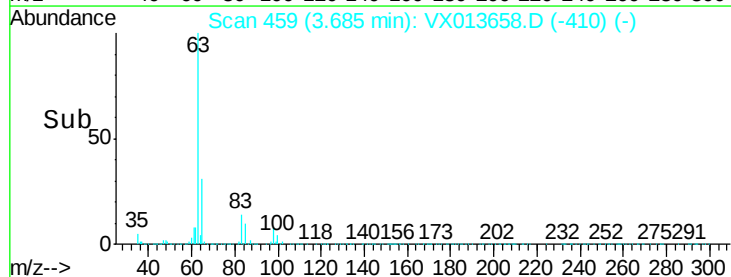
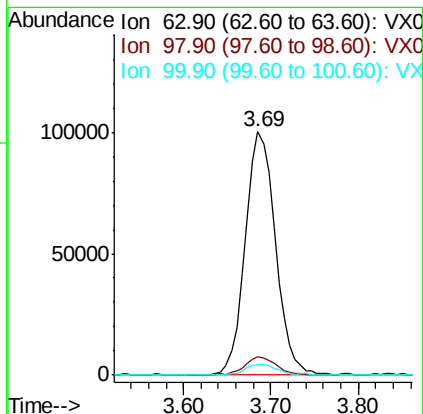
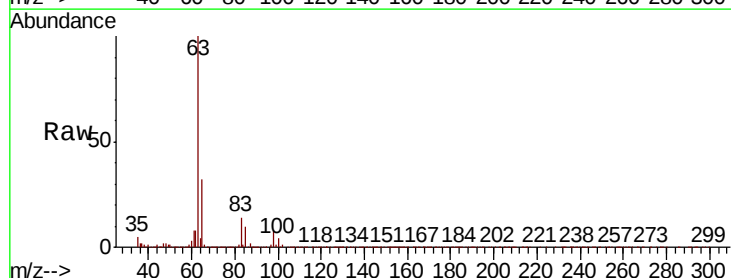
Tgt Ion: 63 Resp: 242166

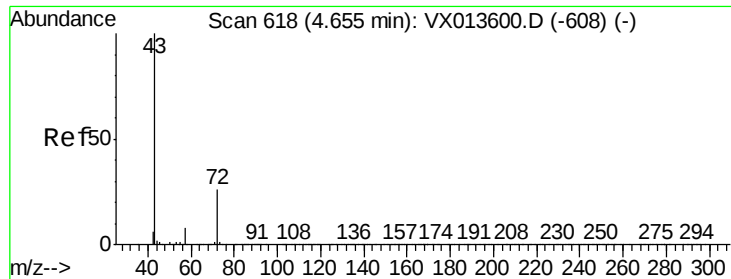
Ion Ratio Lower Upper

63 100

98 7.8 3.5 10.4

100 4.2 2.1 6.3





#25

2-Butanone

Concen: 110.272 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX013658.D

Acq: 27 Nov 2019 17:47

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBSD01

Tot Ion: 43 Resp: 610382

Ion Ratio Lower Upper

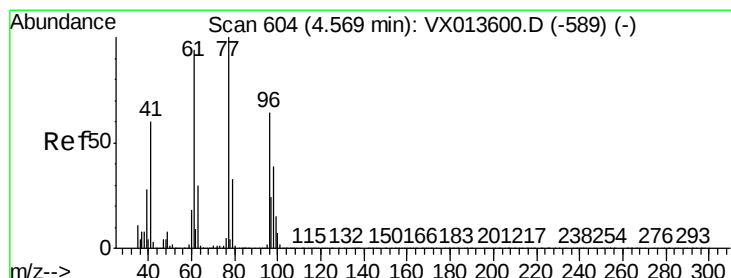
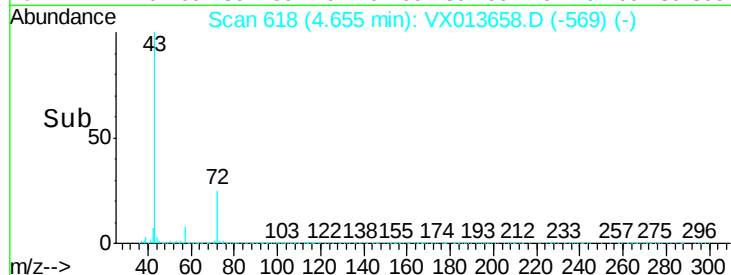
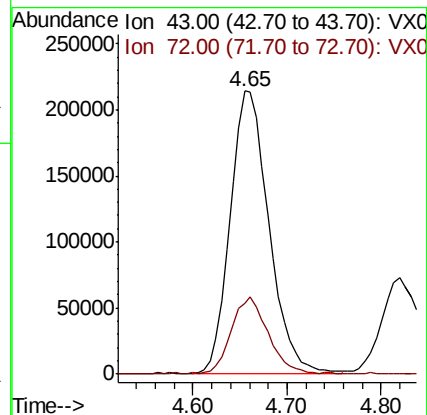
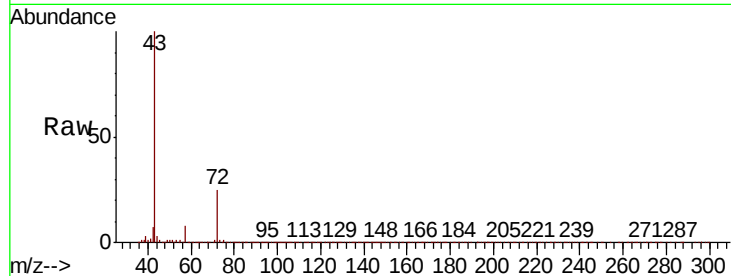
43 100

72 25.0 20.6 31.0

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 17.149 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013658.D

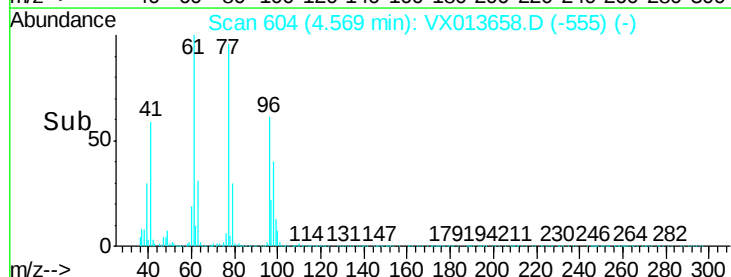
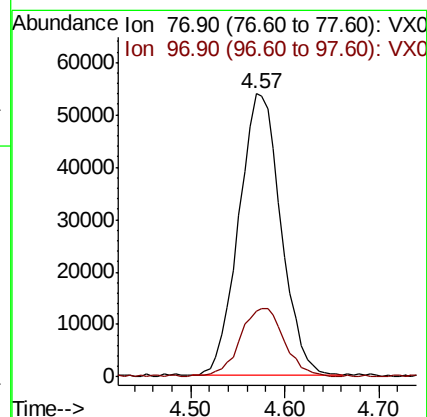
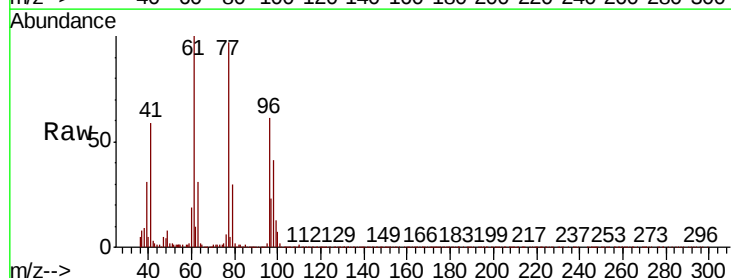
Acq: 27 Nov 2019 17:47

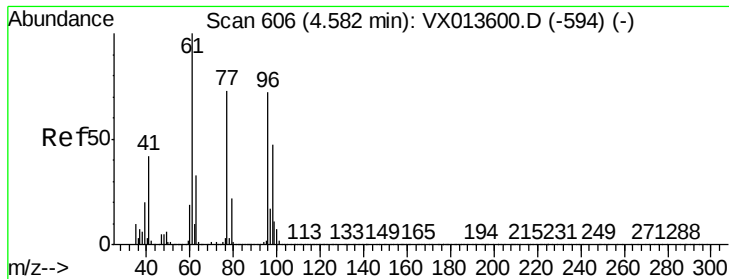
Tgt Ion: 77 Resp: 167635

Ion Ratio Lower Upper

77 100

97 25.2 12.0 36.1





#27

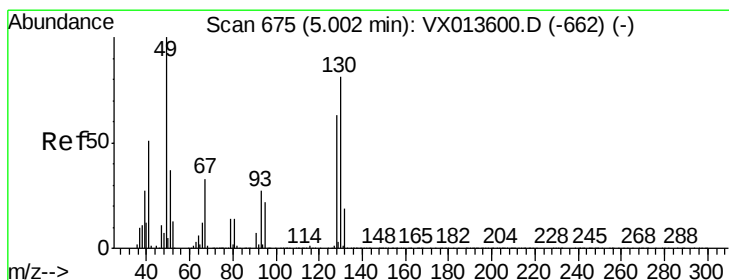
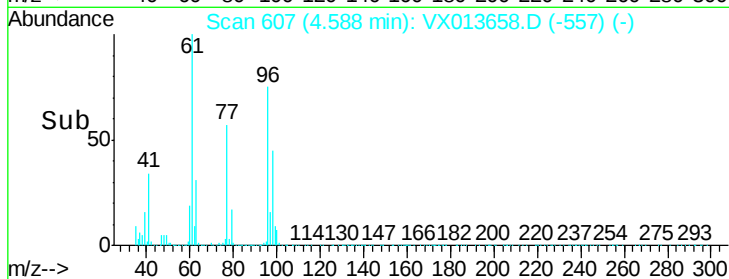
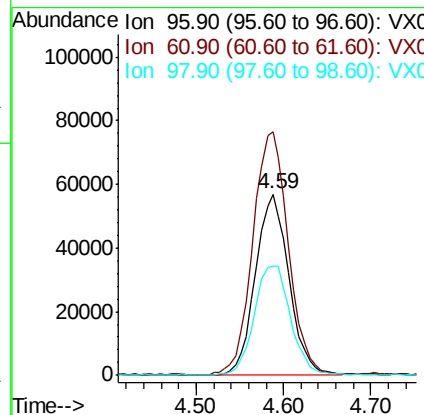
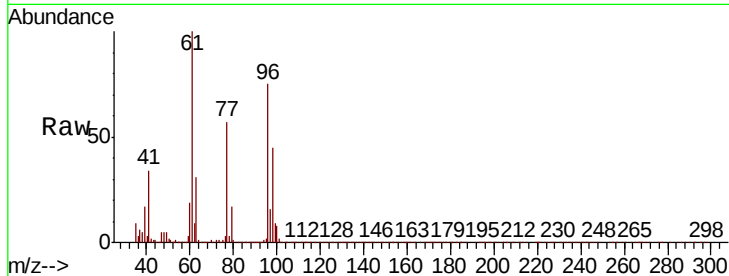
cis-1,2-Dichloroethene
Concen: 19.598 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013658.D
Acq: 27 Nov 2019 17:47

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.6	0.0	286.4
98	65.2	0.0	127.4

Manual Integrations
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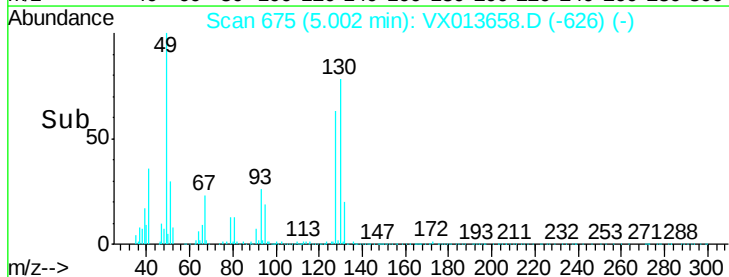
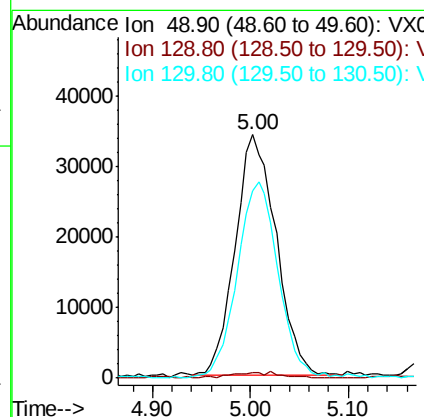
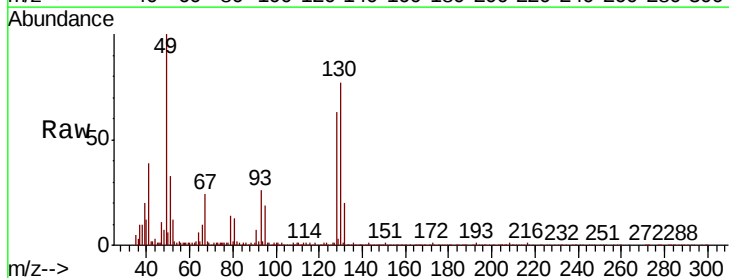
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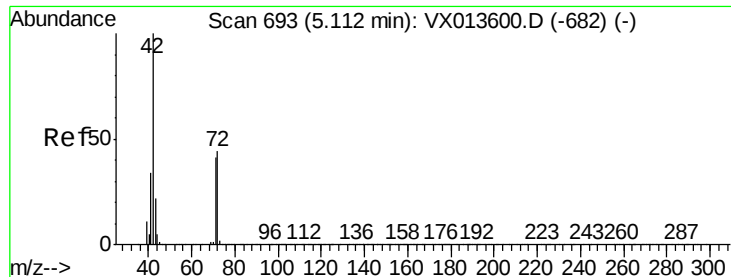


#28

Bromochloromethane
Concen: 21.257 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013658.D
Acq: 27 Nov 2019 17:47

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	5.0
130	81.0	65.4	98.0





#29

Tetrahydrofuran

Concen: 106.665 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.00 min

Lab File: VX013658.D

Acq: 27 Nov 2019 17:47

Instrument :

MSVOA_X

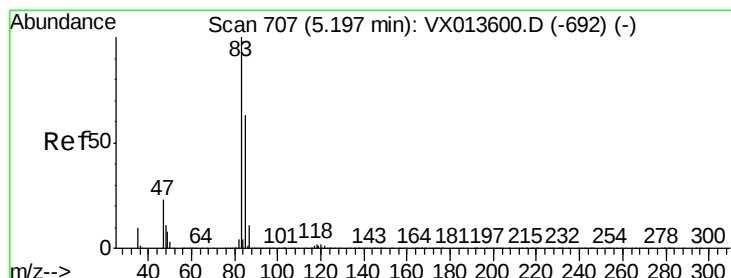
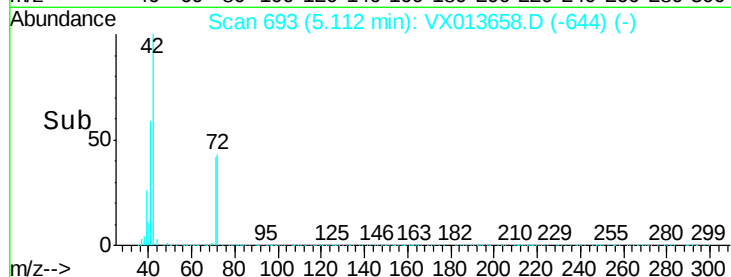
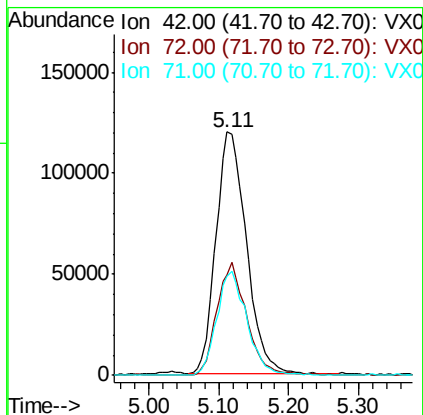
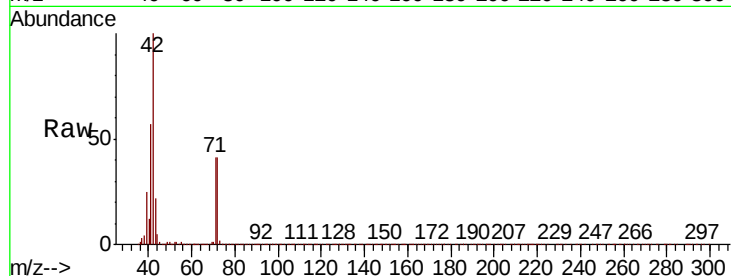
ClientSampleId :

VX1127WBSD01

Tot Ion:	42	Resp:	363975
Ion Ratio		Lower	Upper
42	100		
72	45.0	36.3	54.5
71	42.0	33.2	49.8

Manual Integrations
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#30

Chloroform

Concen: 19.454 ug/l

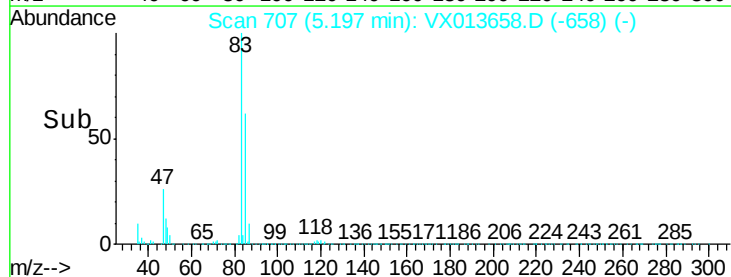
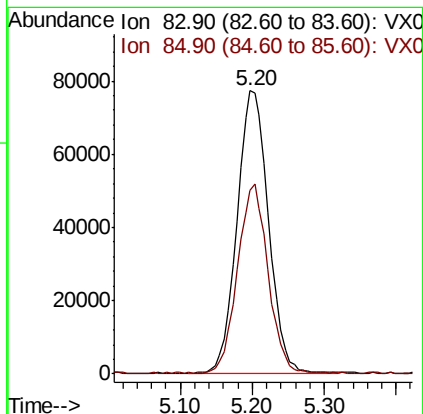
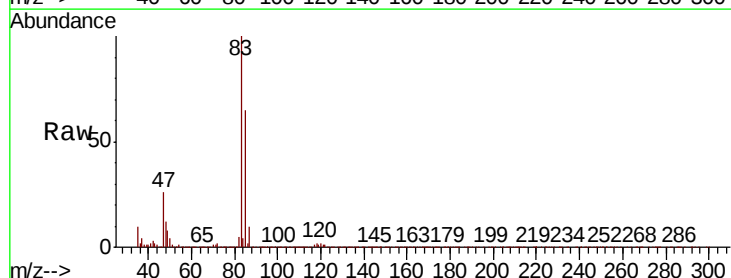
RT: 5.20 min Scan# 707

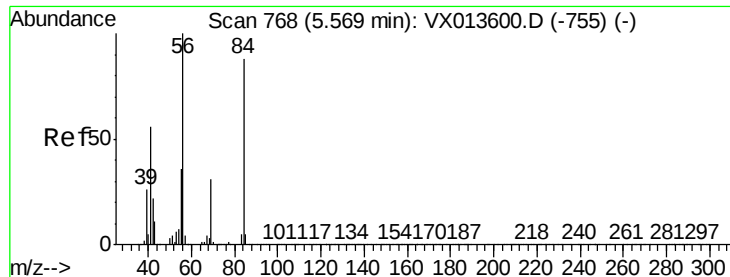
Delta R.T. -0.00 min

Lab File: VX013658.D

Acq: 27 Nov 2019 17:47

Tgt Ion:	83	Resp:	233099
Ion Ratio		Lower	Upper
83	100		
85	64.7	50.2	75.4





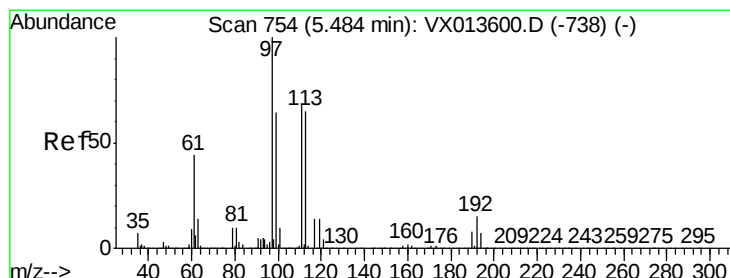
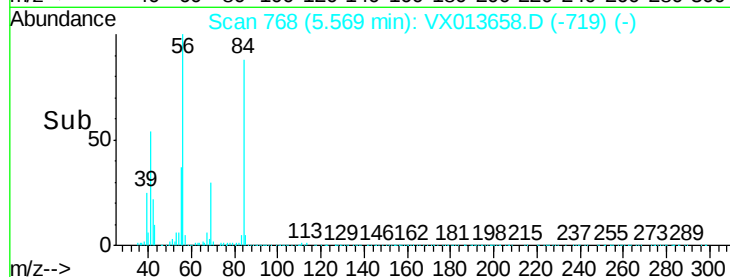
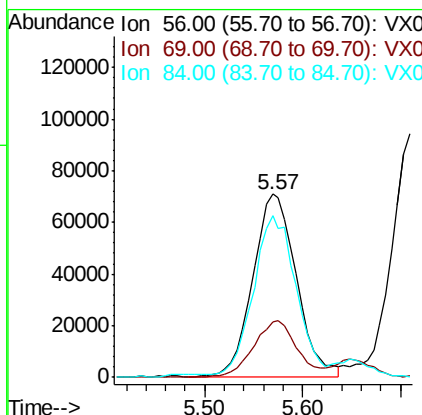
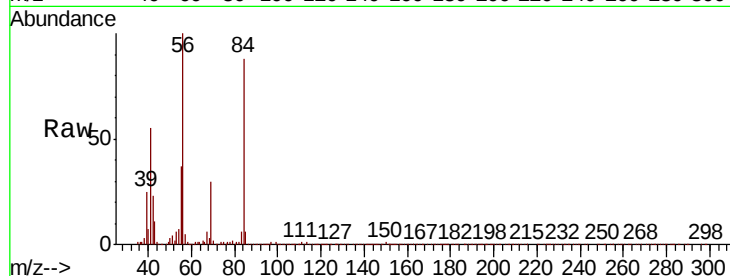
#31
Cyclohexane
Concen: 19.424 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013658.D
Acq: 27 Nov 2019 17:47

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.0	24.6	36.8
84	87.3	70.0	105.0

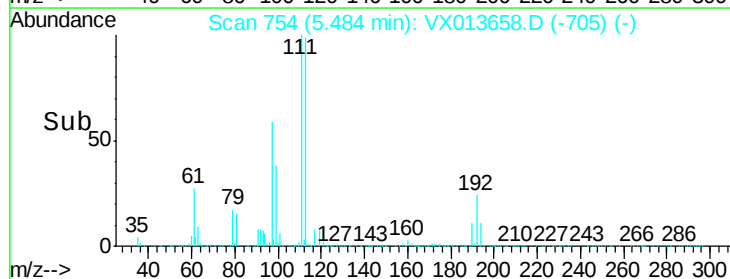
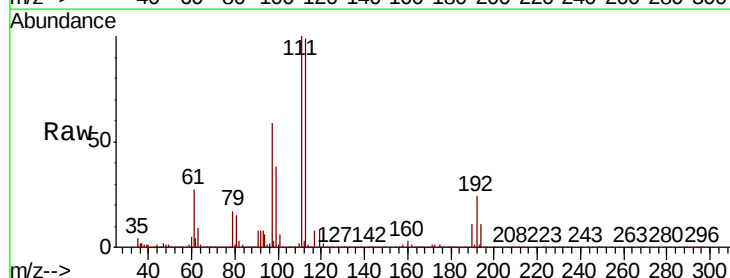
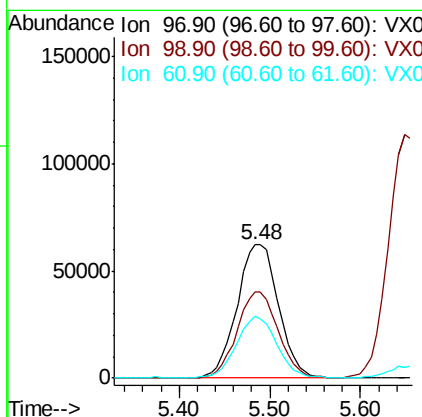
Manual Integrations
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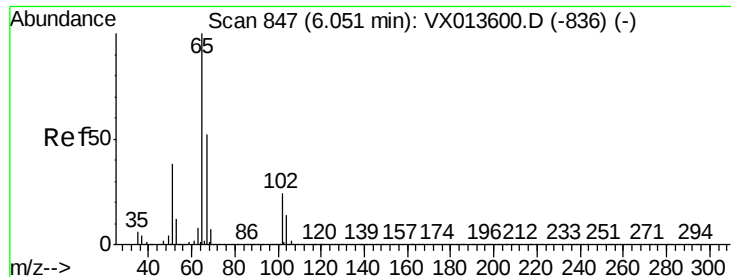
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#32
1,1,1-Trichloroethane
Concen: 19.570 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX013658.D
Acq: 27 Nov 2019 17:47

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.6	77.4
61	45.8	36.1	54.1





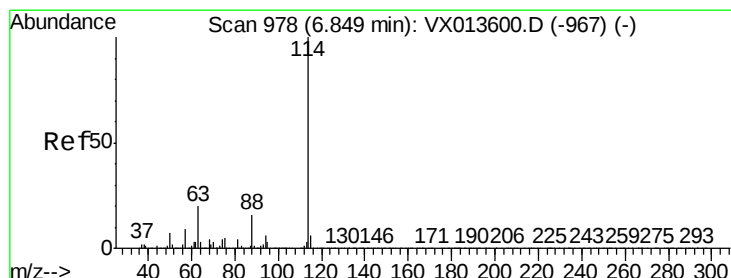
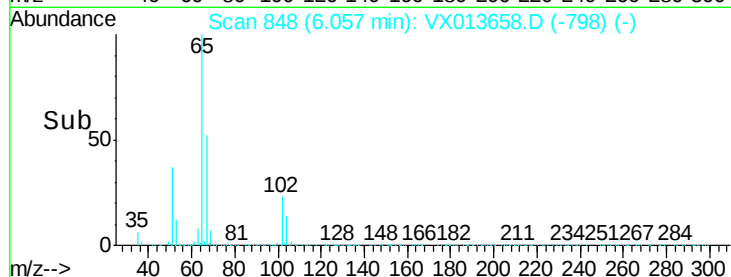
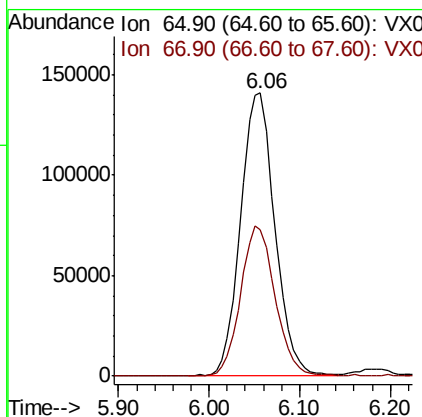
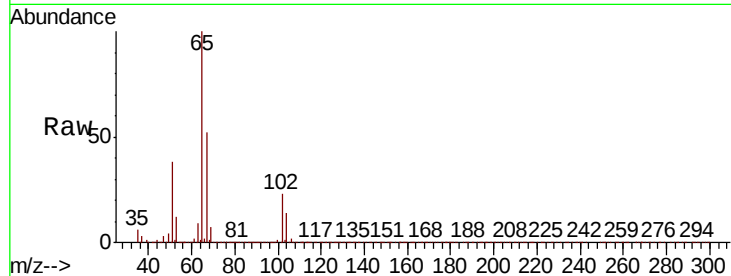
#33
 1,2-Dichloroethane-d4
 Concen: 48.819 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX013658.D
 Acq: 27 Nov 2019 17:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1127WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	368280		
67	53.0	0.0	104.4	

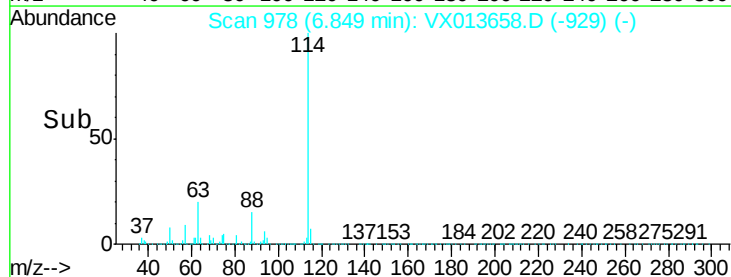
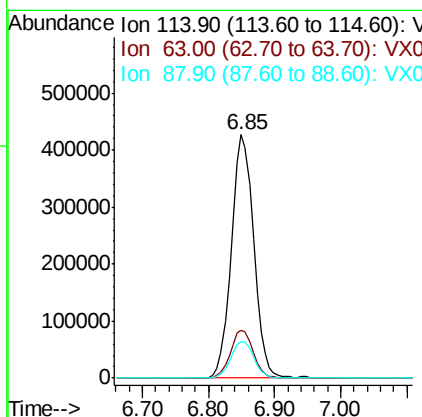
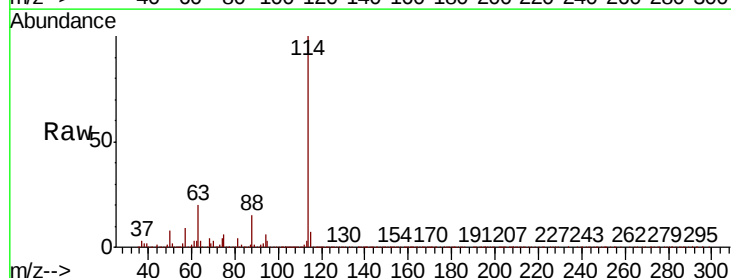
Manual Integrations
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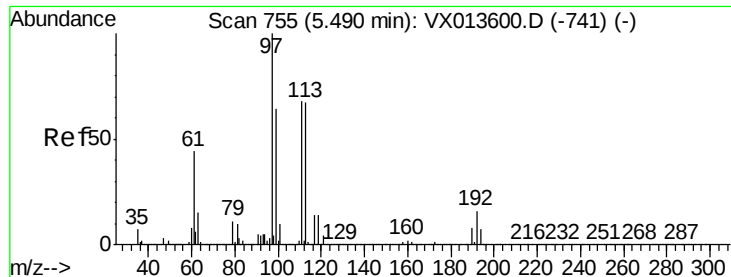
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013658.D
 Acq: 27 Nov 2019 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	1000972		
63	19.6	0.0	39.6	
88	15.1	0.0	31.4	





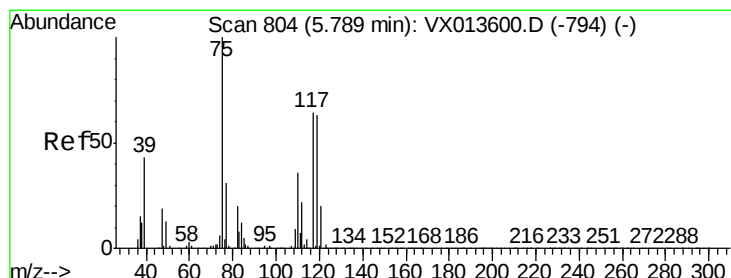
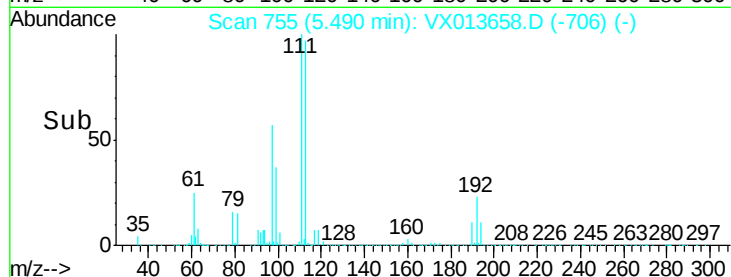
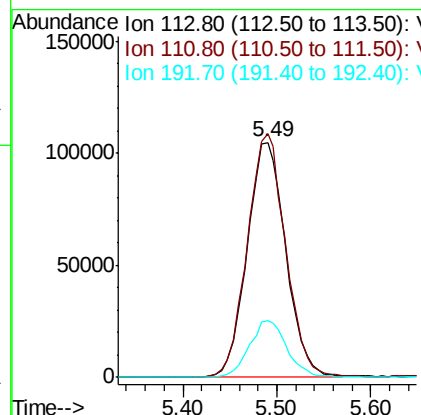
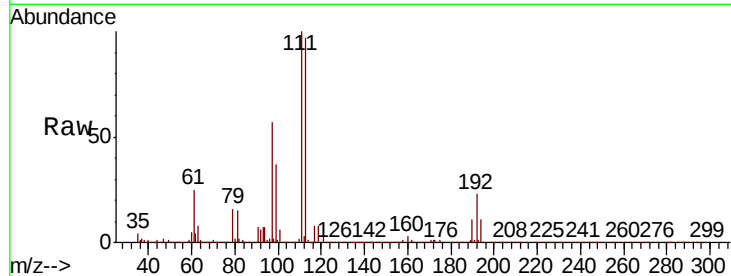
#35
 Dibromofluoromethane
 Concen: 48.376 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: VX013658.D
 Acq: 27 Nov 2019 17:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1127WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	299356		
111	103.3	83.6	125.4	
192	24.0	19.2	28.8	

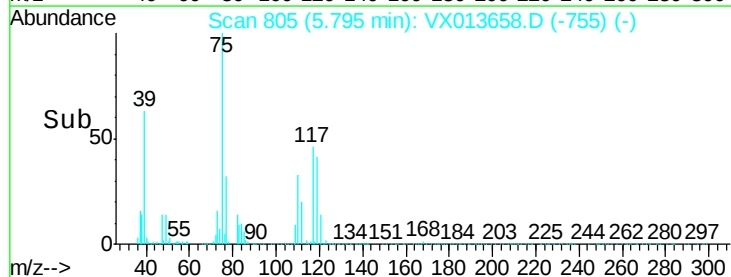
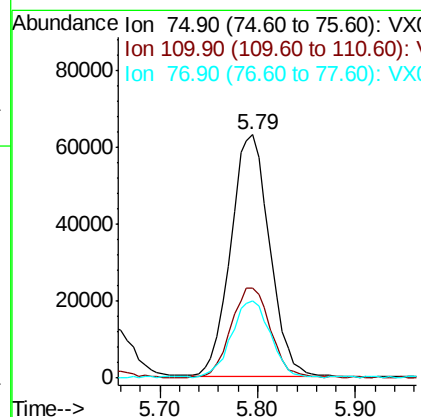
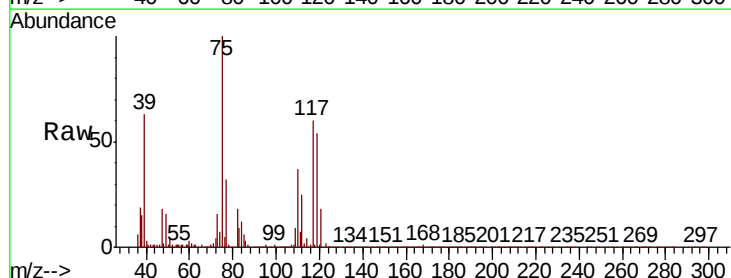
Manual Integrations
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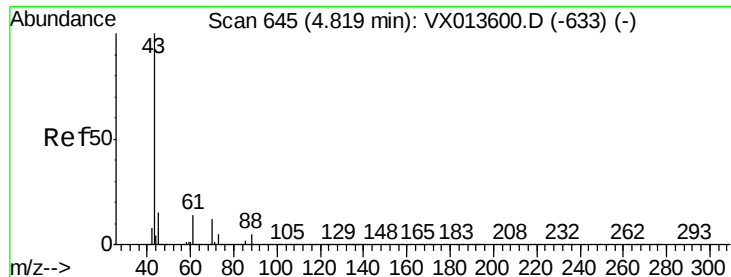
apatel
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#36
 1,1-Dichloropropene
 Concen: 19.188 ug/l
 RT: 5.79 min Scan# 805
 Delta R.T. 0.01 min
 Lab File: VX013658.D
 Acq: 27 Nov 2019 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	174352		
110	37.5	18.1	54.1	
77	31.6	24.5	36.7	





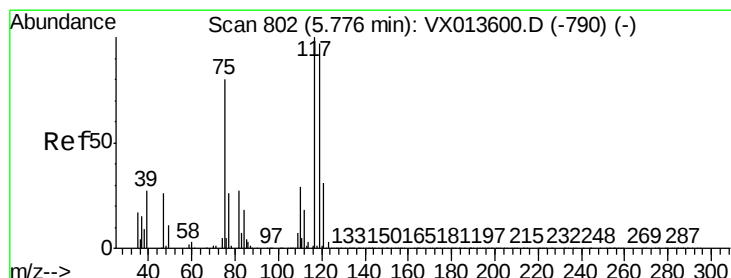
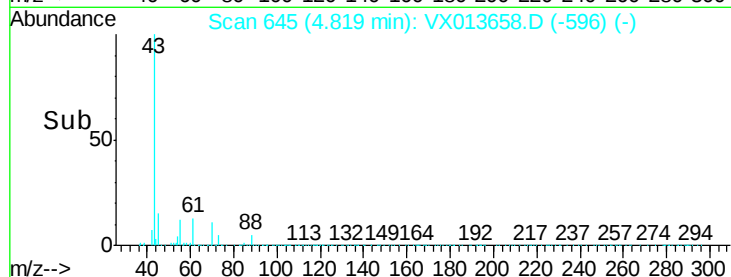
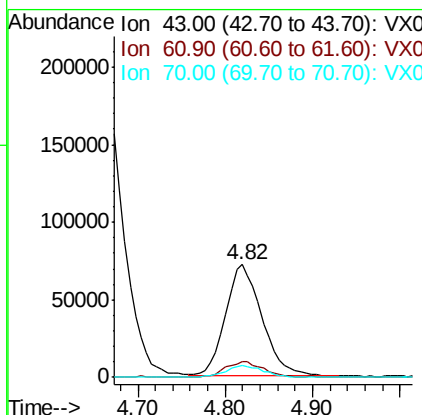
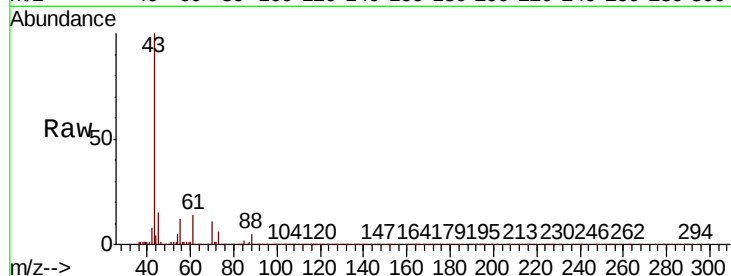
#37
Ethyl Acetate
Concen: 20.530 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013658.D
Acq: 27 Nov 2019 17:47

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD01

Tot Ion:	43	Resp:	209270
Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.0	16.4
70	11.1	8.6	12.8

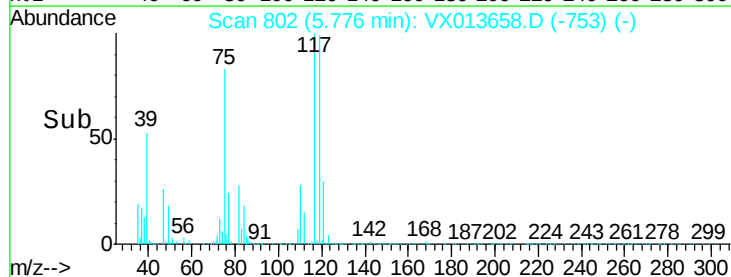
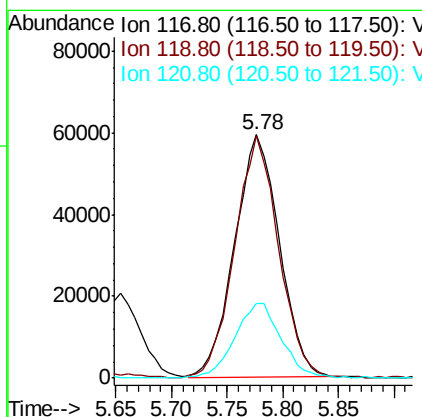
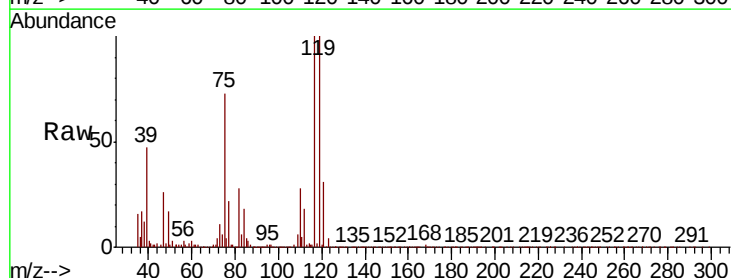
Manual Integrations
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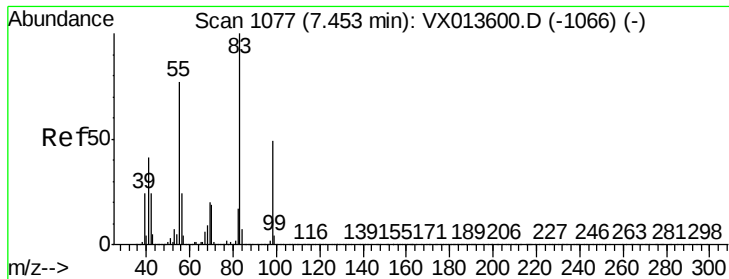
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#38
Carbon Tetrachloride
Concen: 19.832 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013658.D
Acq: 27 Nov 2019 17:47

Tgt Ion:	117	Resp:	166163
Ion	Ratio	Lower	Upper
117	100		
119	99.4	77.5	116.3
121	30.6	25.0	37.6





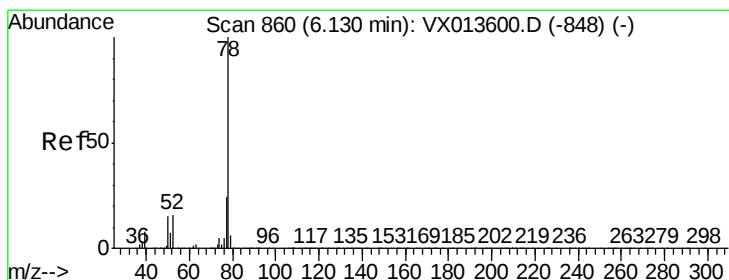
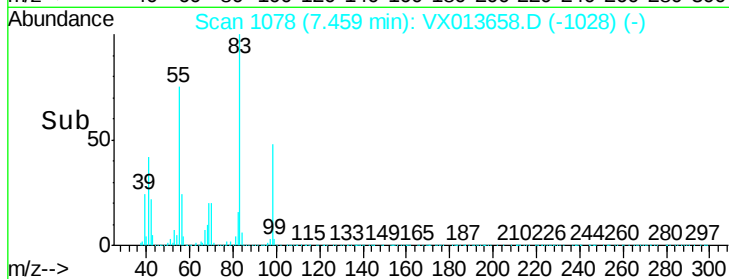
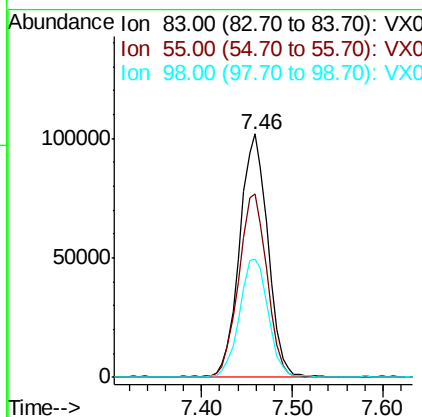
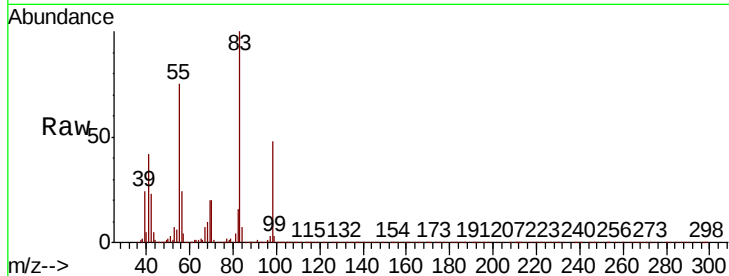
#39
Methvlcvclohexane
Concen: 19.454 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013658.D
Acq: 27 Nov 2019 17:47

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.3	61.9	92.9
98	48.2	39.4	59.0

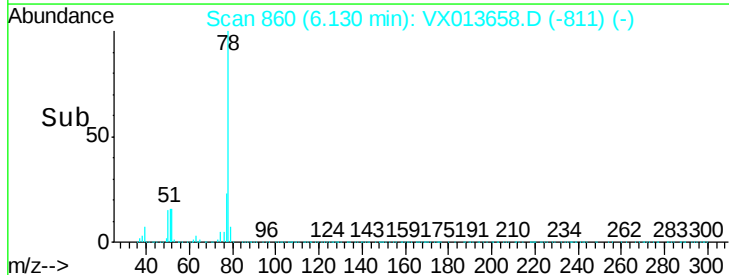
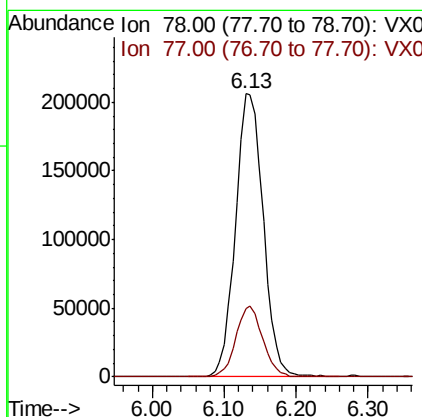
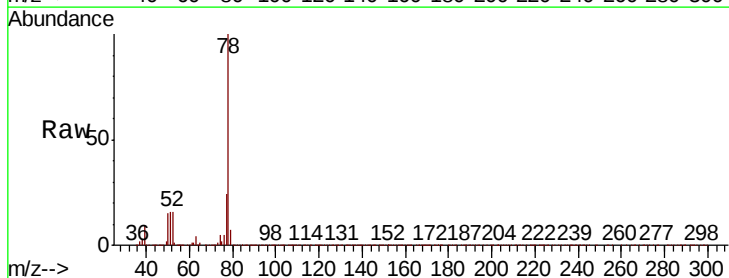
Manual Integrations
APPROVED

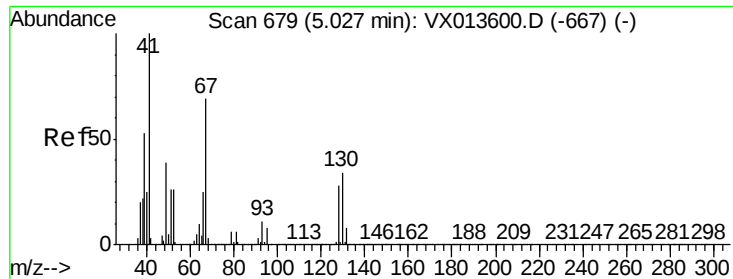
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#40
Benzene
Concen: 19.924 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX013658.D
Acq: 27 Nov 2019 17:47

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.0	28.4





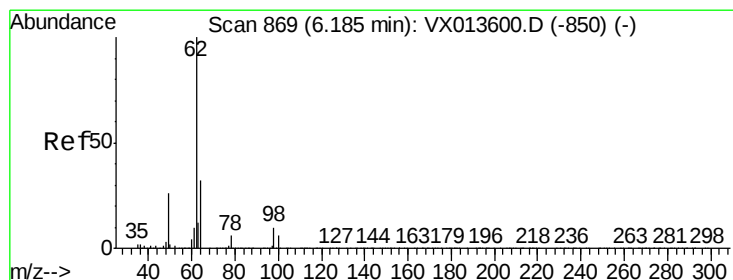
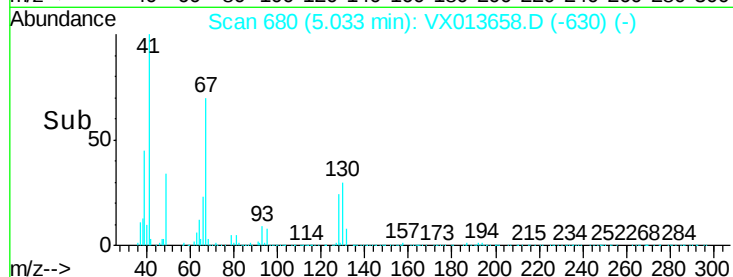
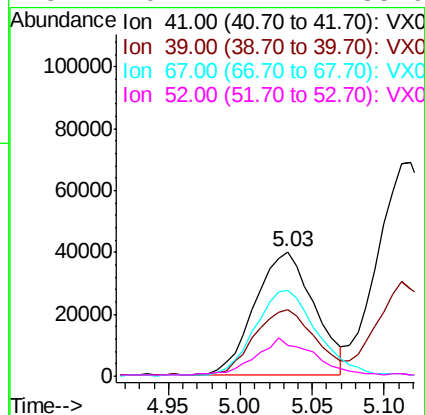
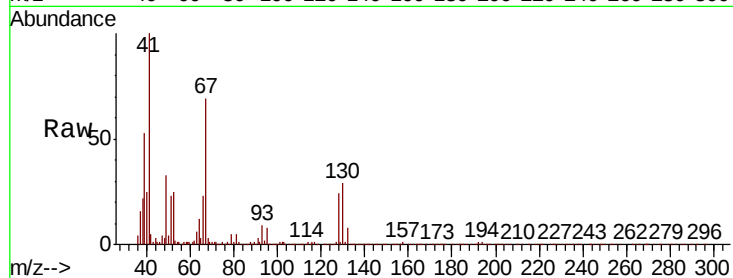
#41
Methacrylonitrile
Concen: 20.418 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX013658.D
Acq: 27 Nov 2019 17:47

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		114145		
39	54.1	42.9	64.3		
67	72.4	57.4	86.0		
52	29.7	22.4	33.6		

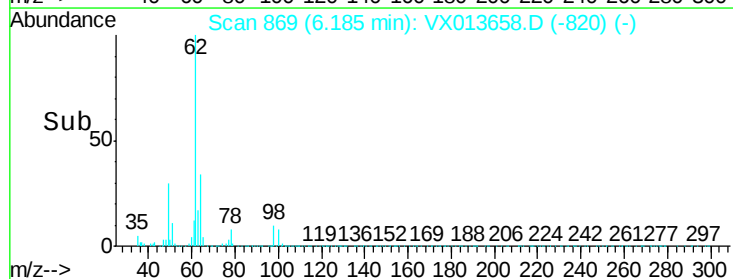
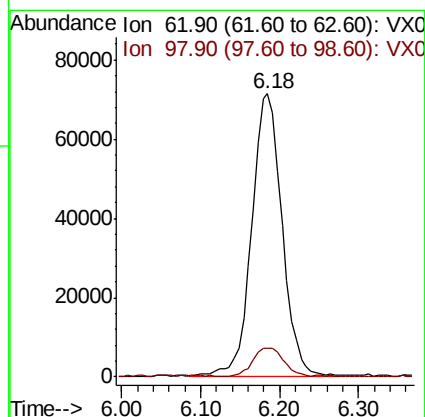
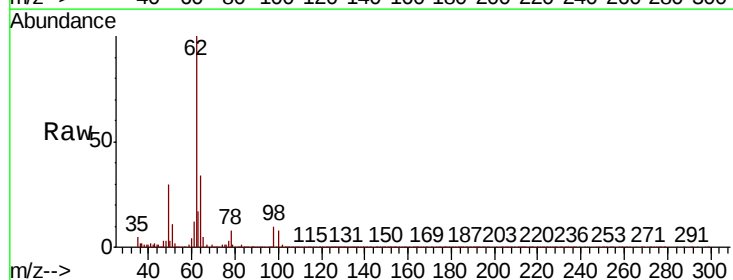
Manual Integrations
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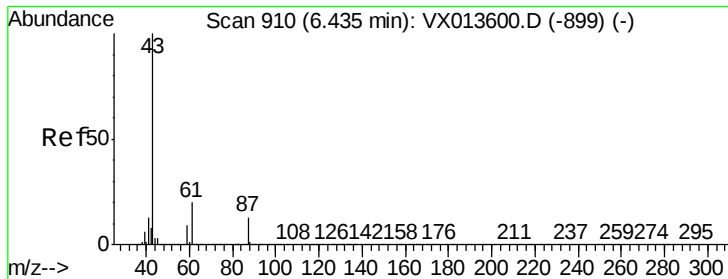
apatel
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#42
1,2-Dichloroethane
Concen: 20.022 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX013658.D
Acq: 27 Nov 2019 17:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		188966		
98	10.4	0.0	20.8		





#43

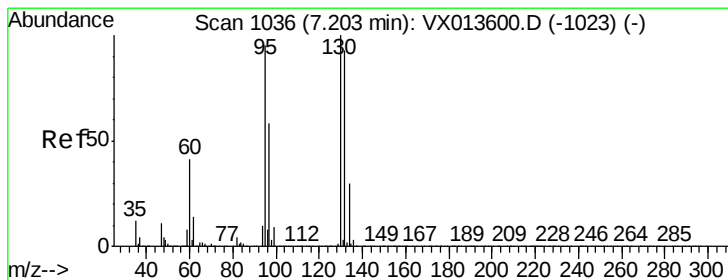
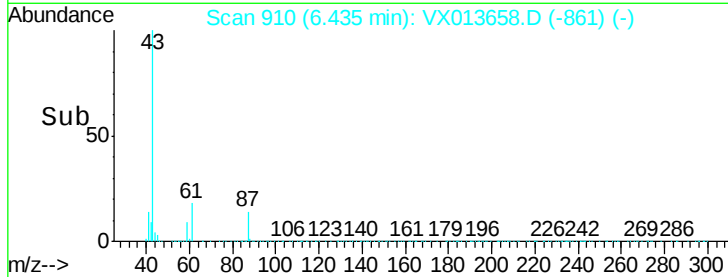
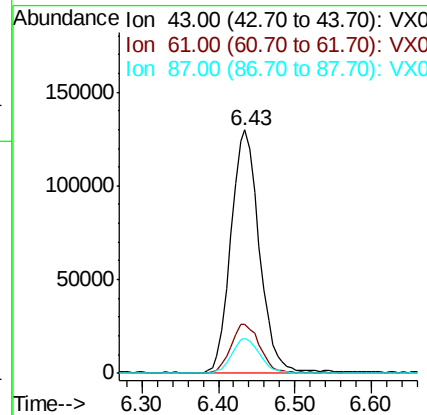
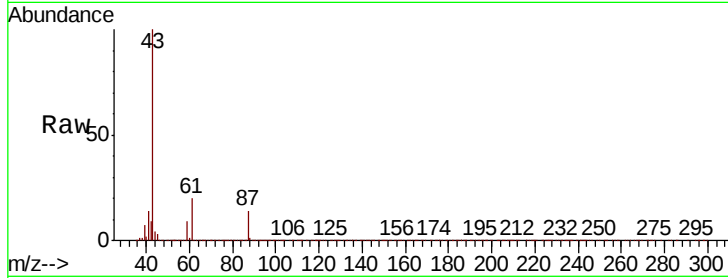
Isopropyl Acetate
 Concen: 19.809 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: VX013658.D
 Acq: 27 Nov 2019 17:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1127WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.3	16.3	24.5
87	14.3	10.8	16.2

Manual Integrations
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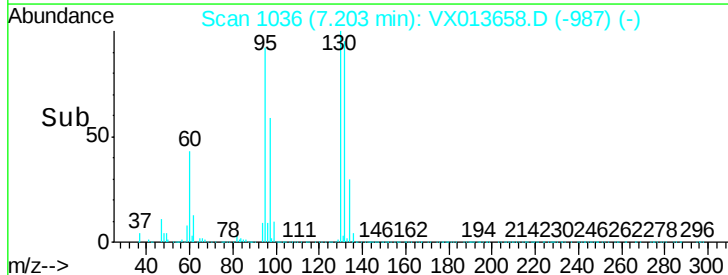
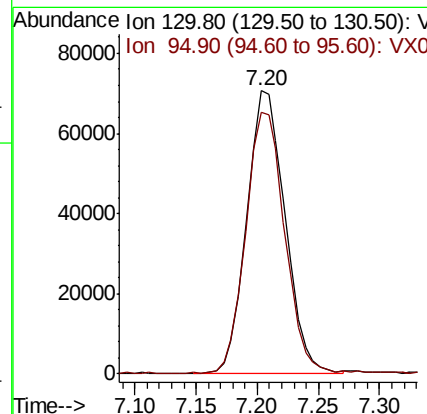
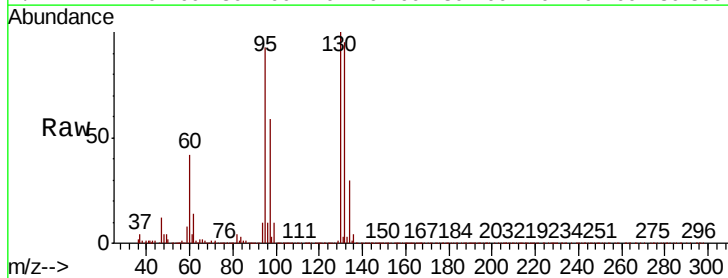
apatel
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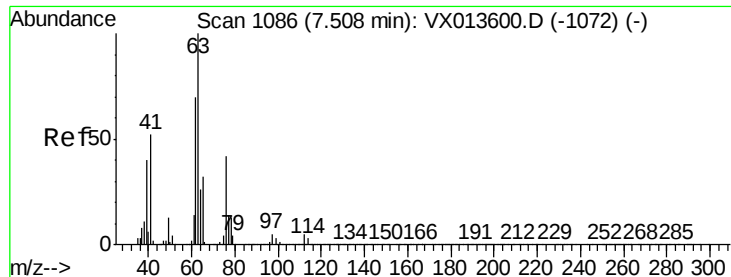


#44

Trichloroethene
 Concen: 20.363 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: VX013658.D
 Acq: 27 Nov 2019 17:47

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.3	0.0	190.8





#45

1,2-Dichloropropane

Concen: 19.837 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX013658.D

Acq: 27 Nov 2019 17:47

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBSD01

Tot Ion: 63 Resp: 137351

Ion Ratio Lower Upper

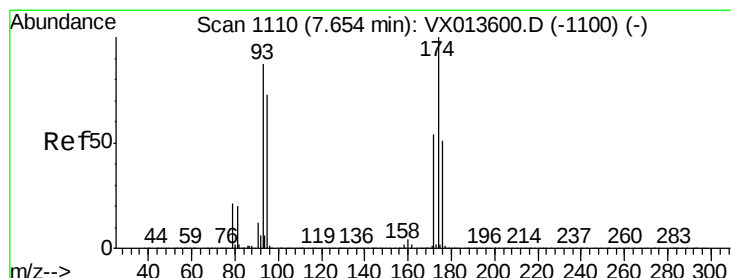
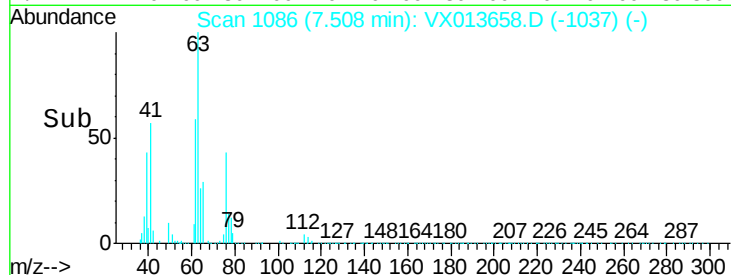
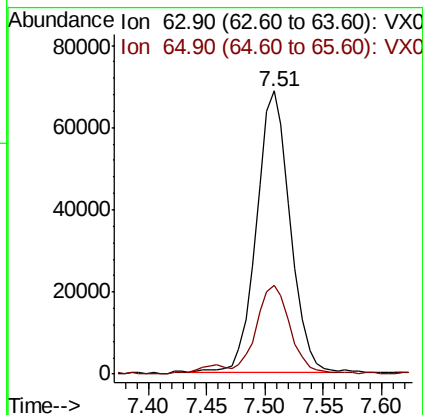
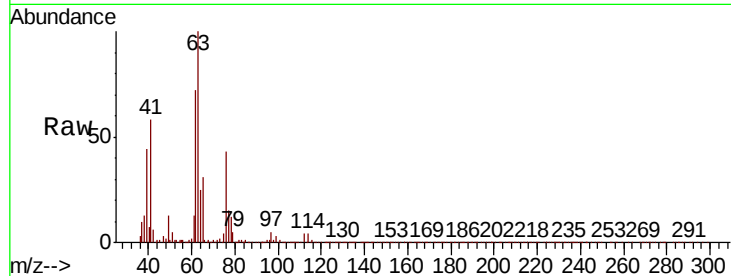
63 100

65 31.1 25.5 38.3

Manual Integrations
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#46

Dibromomethane

Concen: 19.739 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX013658.D

Acq: 27 Nov 2019 17:47

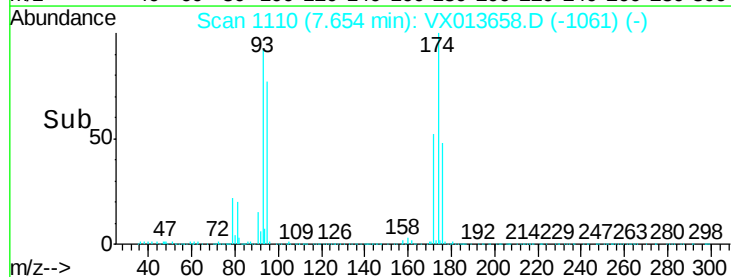
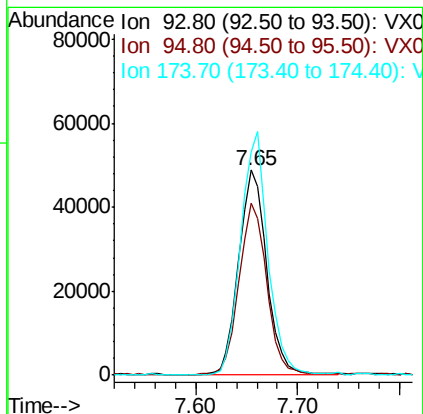
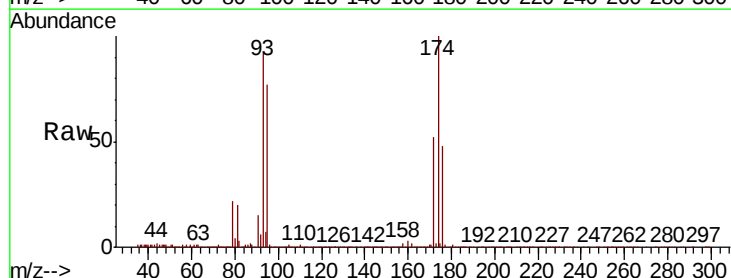
Tgt Ion: 93 Resp: 92825

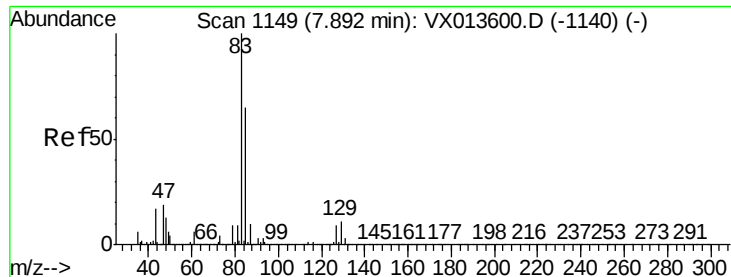
Ion Ratio Lower Upper

93 100

95 82.5 66.2 99.2

174 116.1 93.4 140.0





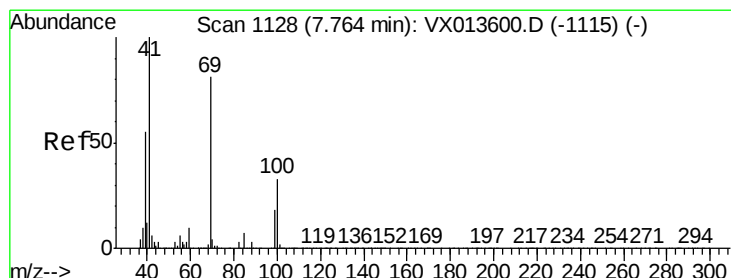
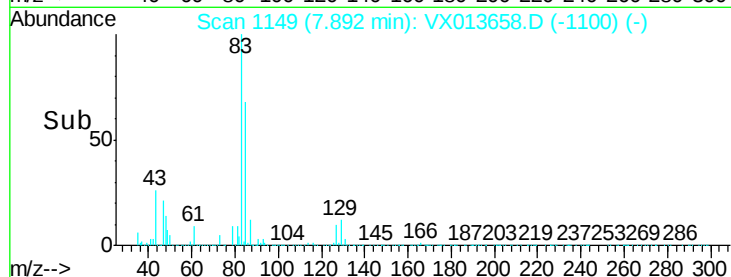
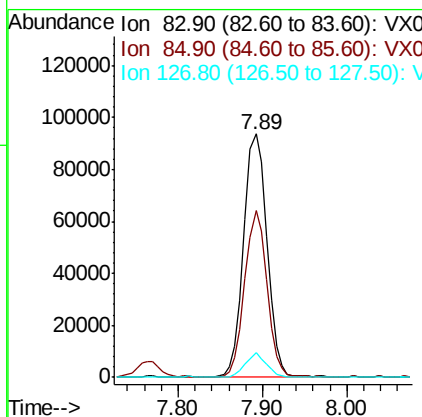
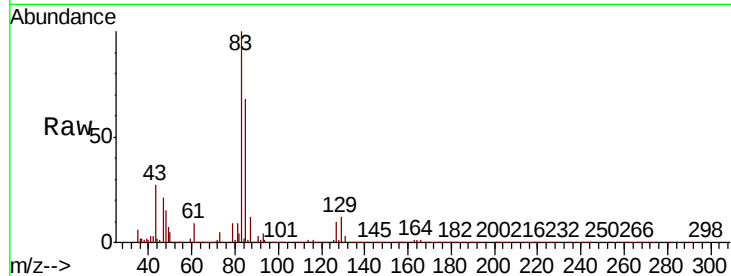
#47
Bromodichloromethane
Concen: 19.500 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. -0.00 min
Lab File: VX013658.D
Acq: 27 Nov 2019 17:47

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD01

Tot Ion:	83	Resp:	173351
Ion	Ratio	Lower	Upper
83	100		
85	68.1	52.1	78.1
127	10.1	7.0	10.4

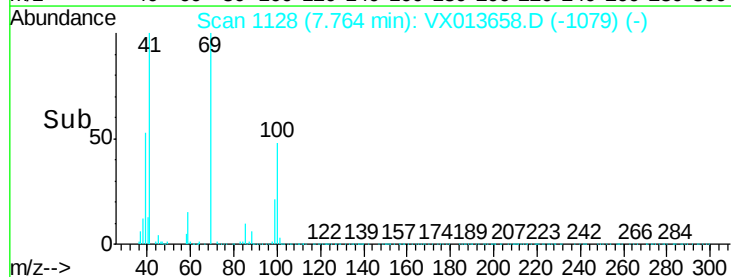
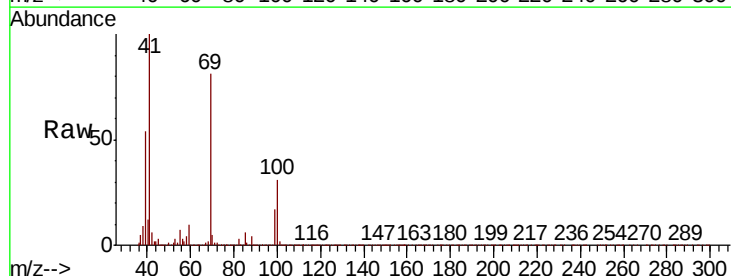
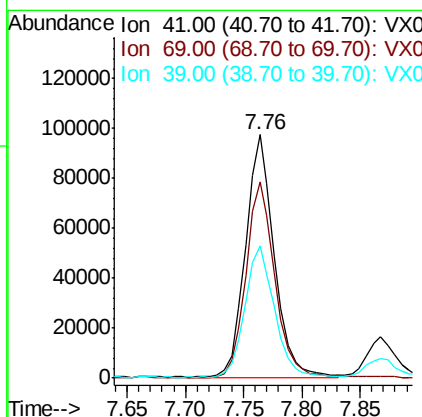
Manual Integrations
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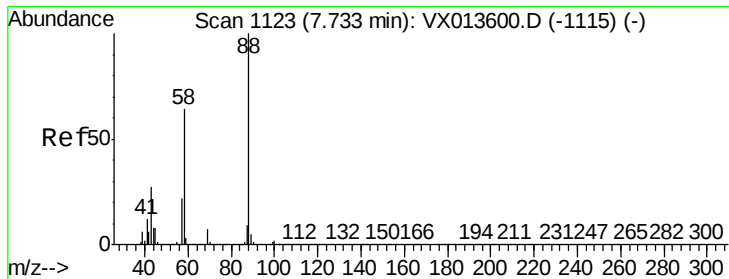
apatel
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#48
Methyl methacrylate
Concen: 20.334 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX013658.D
Acq: 27 Nov 2019 17:47

Tgt Ion:	41	Resp:	165796
Ion	Ratio	Lower	Upper
41	100		
69	81.7	64.7	97.1
39	55.9	43.8	65.6





#49

1,4-Dioxane

Concen: 393.894 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VX013658.D

Acq: 27 Nov 2019 17:47

Instrument :

MSVOA_X

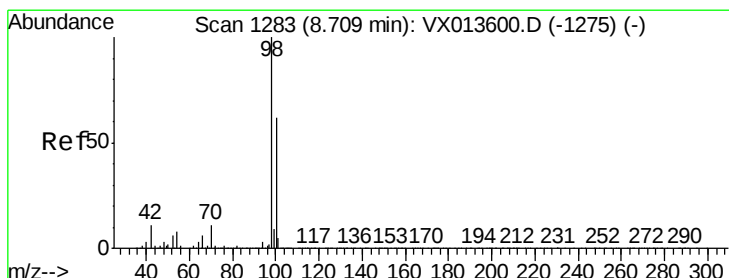
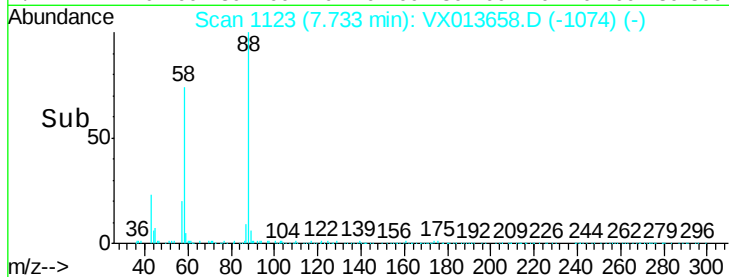
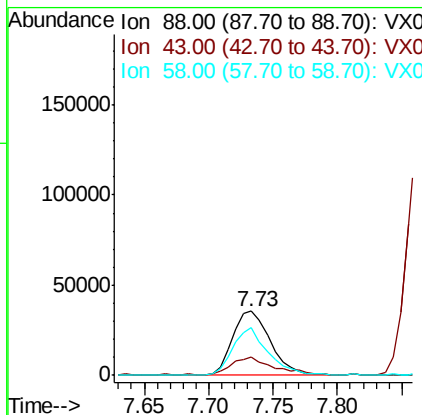
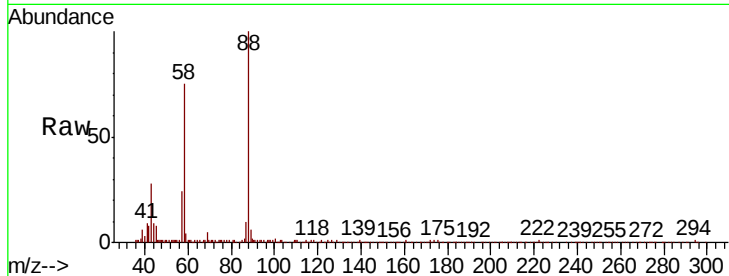
ClientSampleId :

VX1127WBSD01

Tot Ion:	88	Resp:	71891
Ion	Ratio	Lower	Upper
88	100		
43	31.1	25.8	38.6
58	70.3	54.6	82.0

Manual Integrations
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#50

Toluene-d8

Concen: 48.898 ug/l

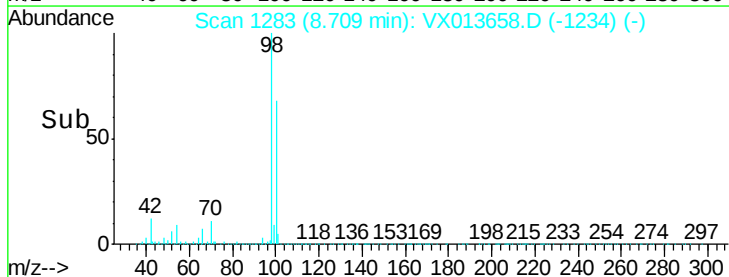
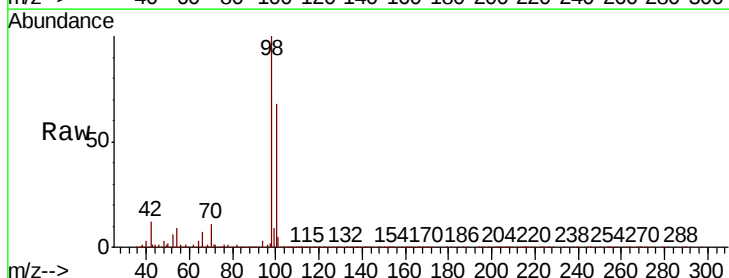
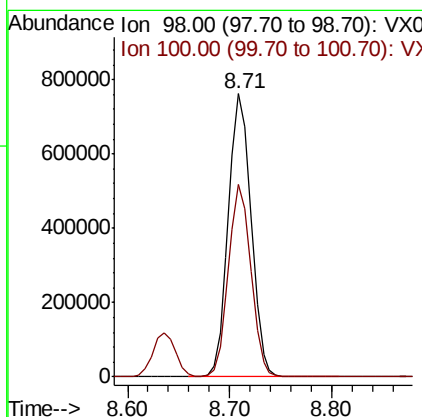
RT: 8.71 min Scan# 1283

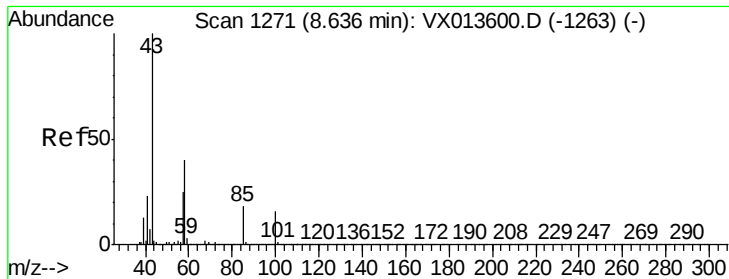
Delta R.T. -0.00 min

Lab File: VX013658.D

Acq: 27 Nov 2019 17:47

Tgt Ion:	98	Resp:	1178909
Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 104.045 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013658.D

Acq: 27 Nov 2019 17:47

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBSD01

Tot Ion: 43 Resp: 1098300

Ion Ratio Lower Upper

43 100

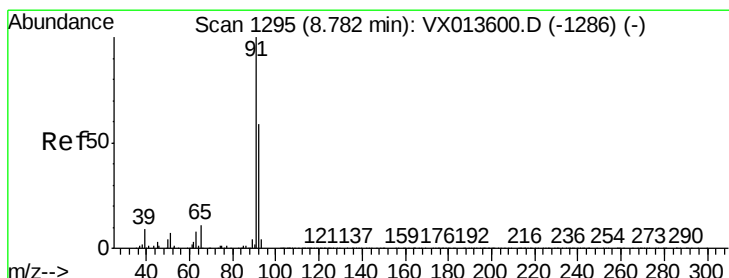
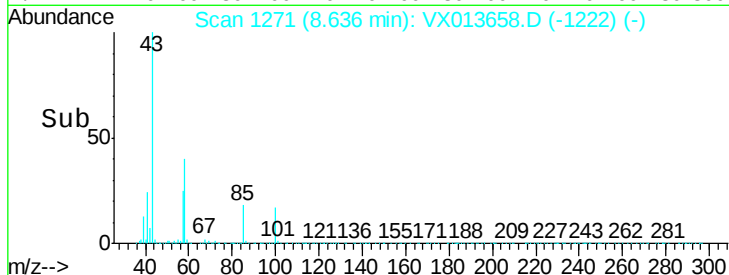
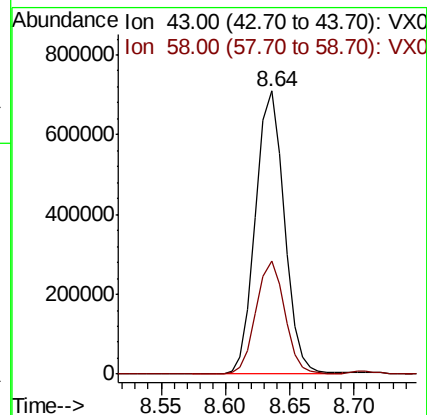
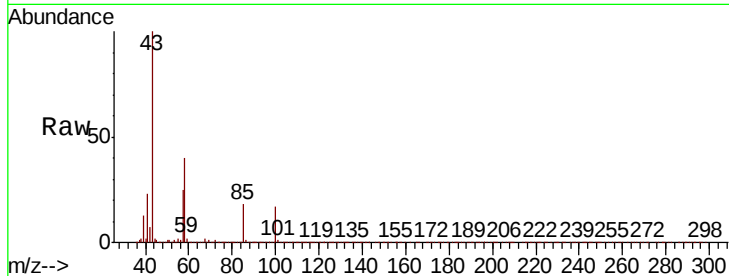
58 39.6 32.1 48.1

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#52

Toluene

Concen: 20.011 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX013658.D

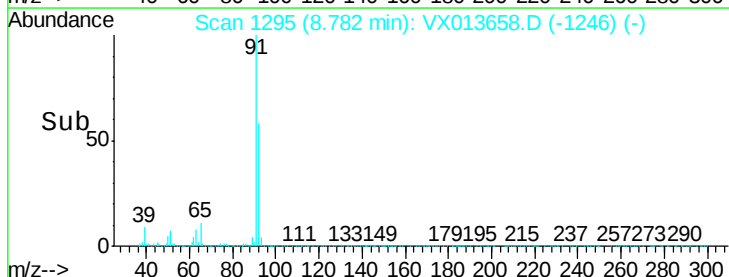
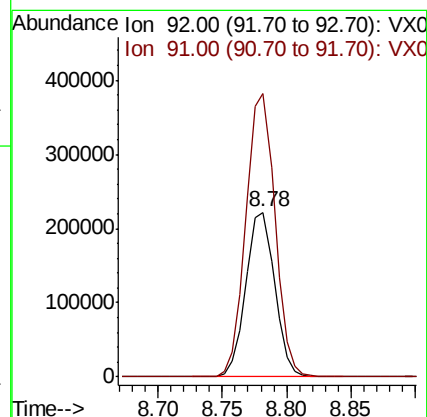
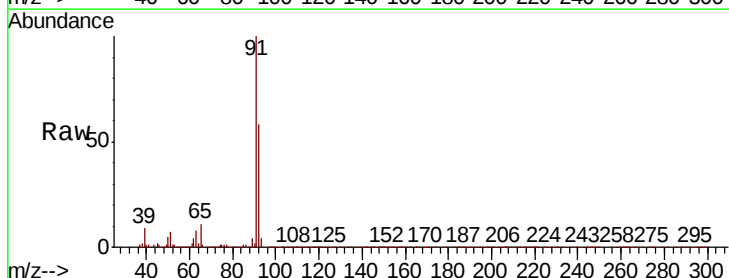
Acq: 27 Nov 2019 17:47

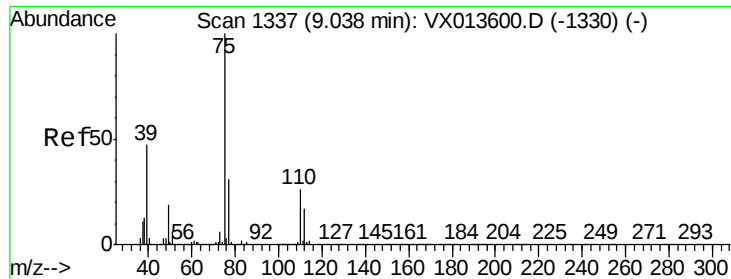
Tgt Ion: 92 Resp: 344040

Ion Ratio Lower Upper

92 100

91 173.2 136.2 204.2





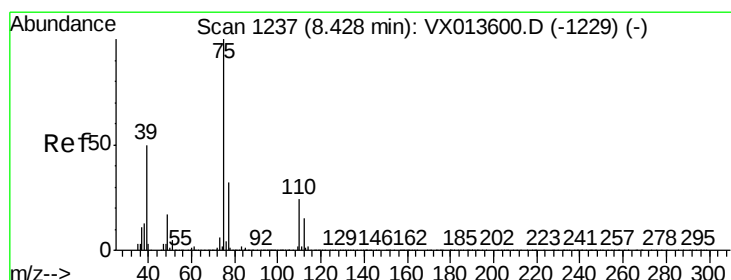
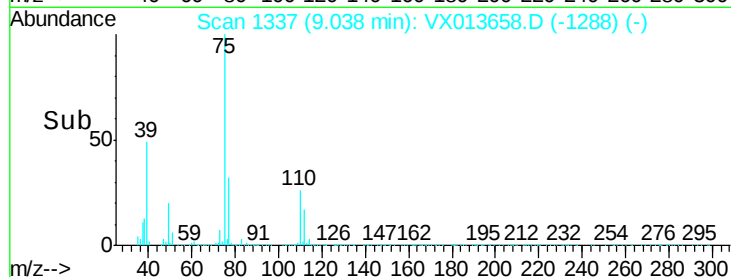
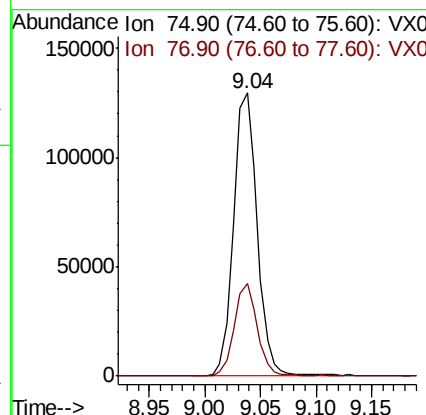
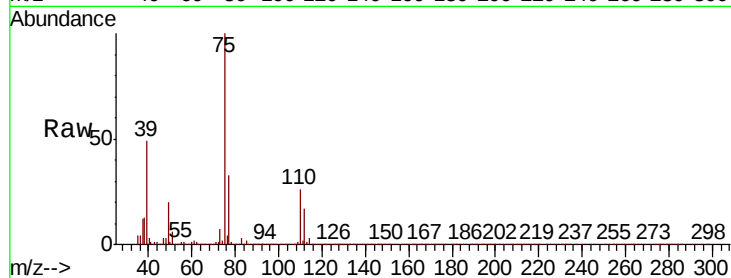
#53
t-1,3-Dichloropropene
Concen: 18.707 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX013658.D
Acq: 27 Nov 2019 17:47

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.4	24.4	36.6

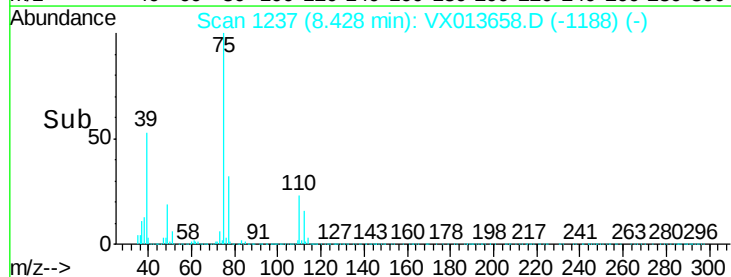
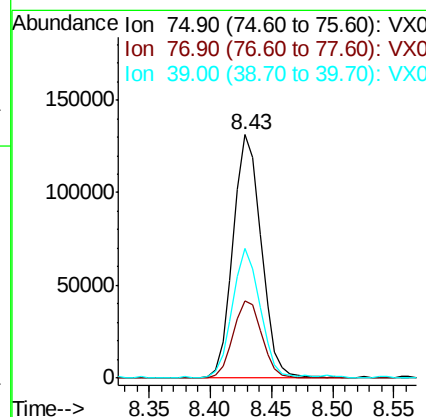
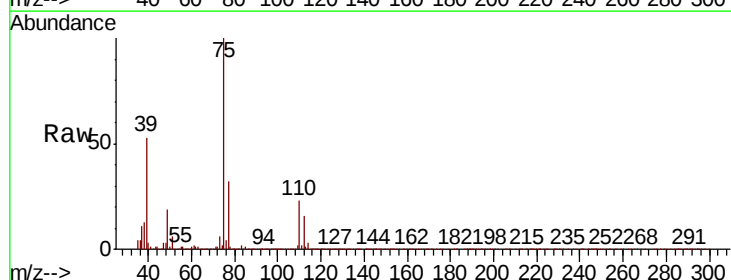
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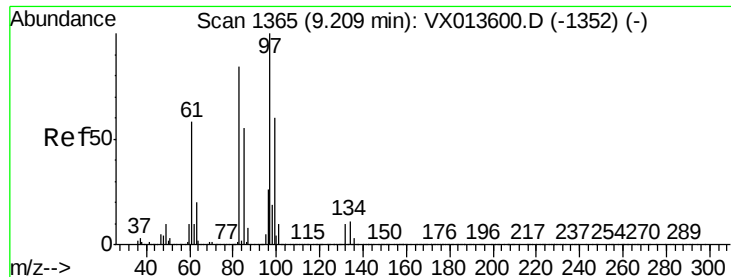
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#54
cis-1,3-Dichloropropene
Concen: 18.892 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013658.D
Acq: 27 Nov 2019 17:47

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.8	38.6
39	52.8	39.9	59.9





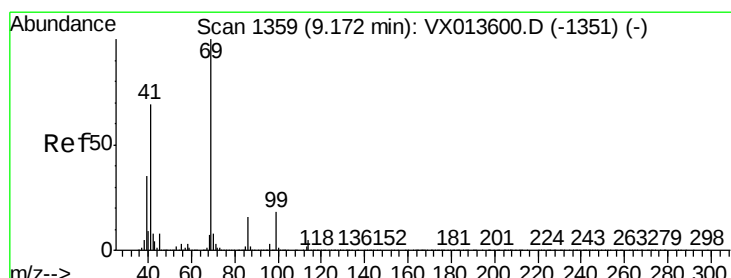
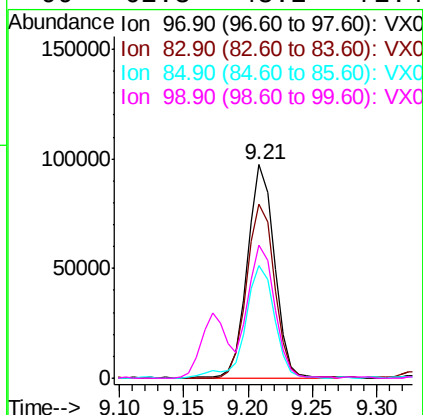
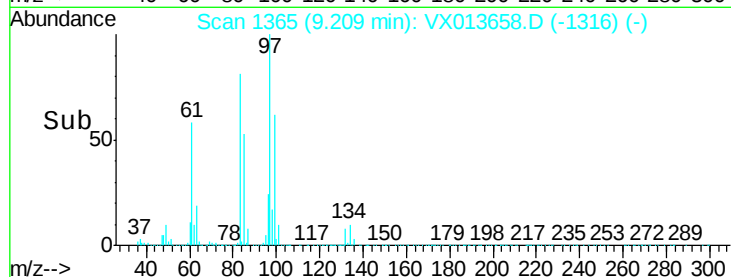
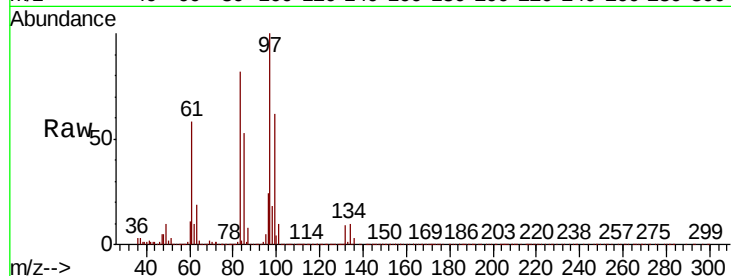
#55
1,1,2-Trichloroethane
Concen: 20.223 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. -0.00 min
Lab File: VX013658.D
Acq: 27 Nov 2019 17:47

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		140109		
83	81.5	67.3	100.9		
85	52.6	43.6	65.4		
99	62.3	48.2	72.4		

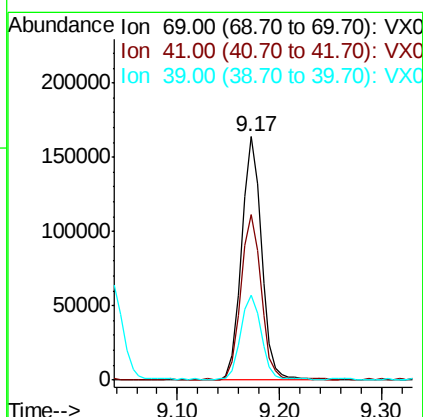
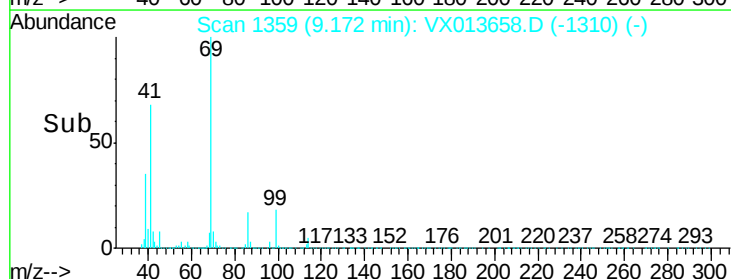
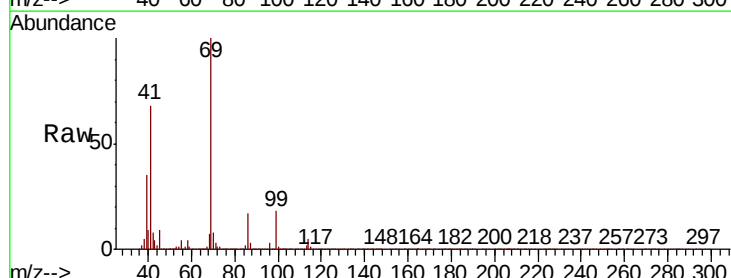
Manual Integrations
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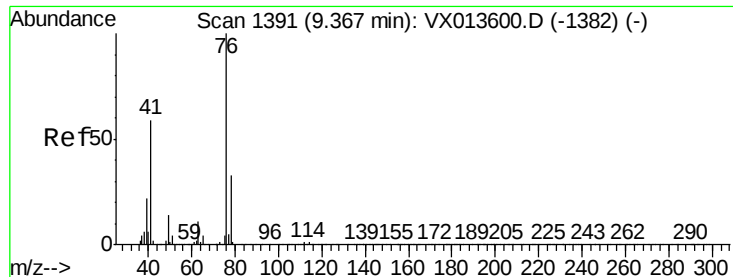
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#56
Ethyl methacrylate
Concen: 19.968 ug/l
RT: 9.17 min Scan# 1359
Delta R.T. -0.00 min
Lab File: VX013658.D
Acq: 27 Nov 2019 17:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		222412		
41	68.5	55.0	82.4		
39	35.3	28.7	43.1		





#57

1,3-Dichloropropane

Concen: 19.713 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013658.D

Acq: 27 Nov 2019 17:47

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBSD01

Tot Ion: 76 Resp: 235403

Ion Ratio Lower Upper

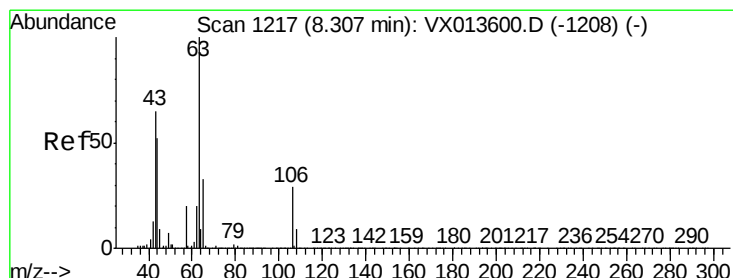
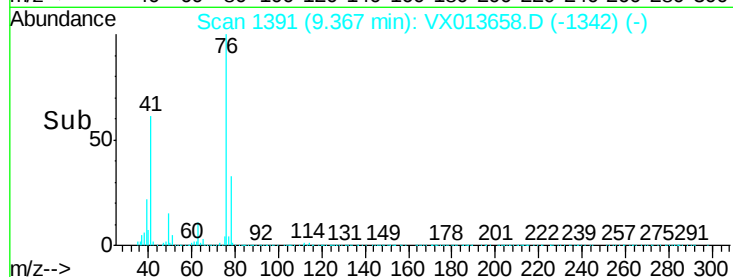
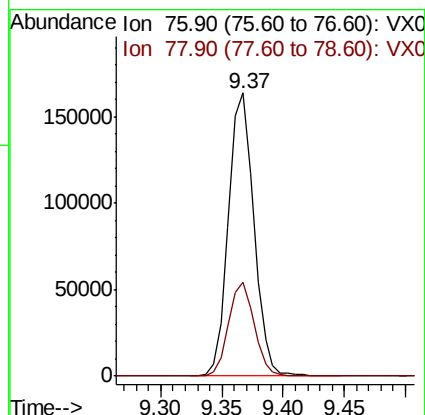
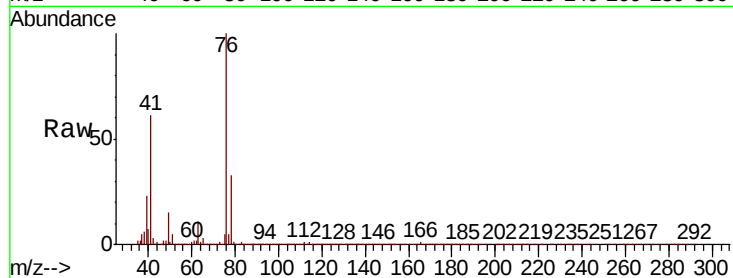
76 100

78 33.5 26.0 39.0

Manual Integrations
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#58

2-Chloroethyl Vinyl ether

Concen: 93.250 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX013658.D

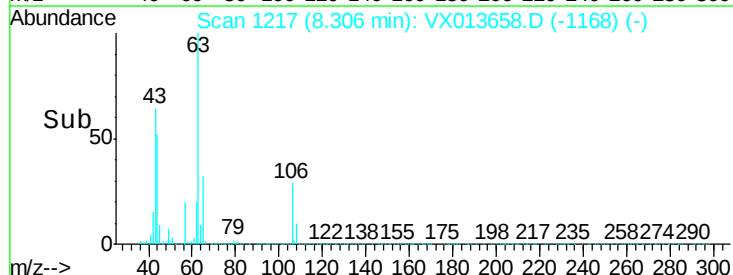
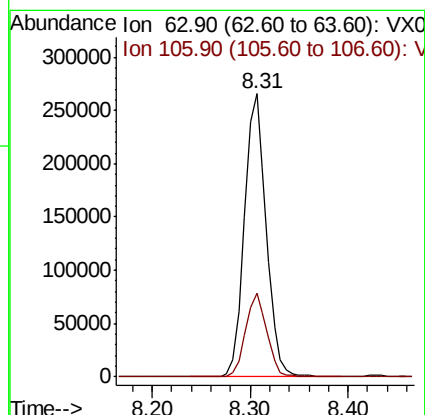
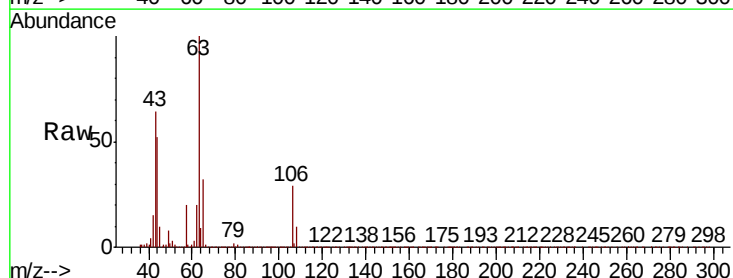
Acq: 27 Nov 2019 17:47

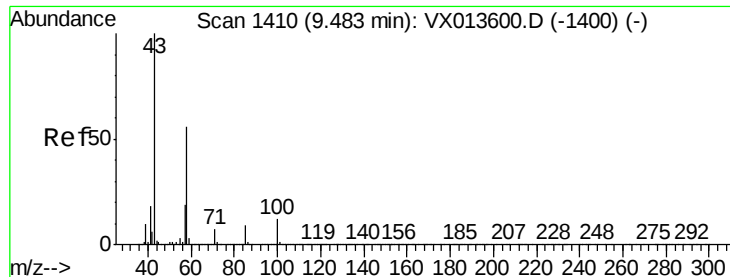
Tgt Ion: 63 Resp: 407239

Ion Ratio Lower Upper

63 100

106 29.5 23.4 35.0





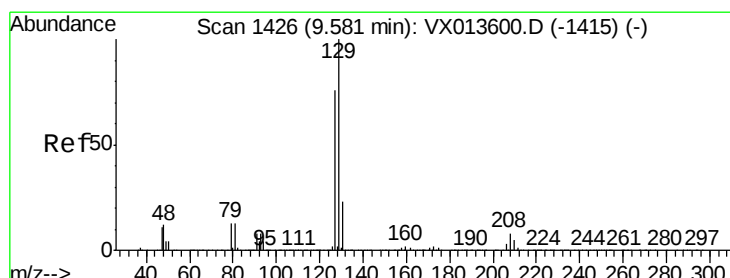
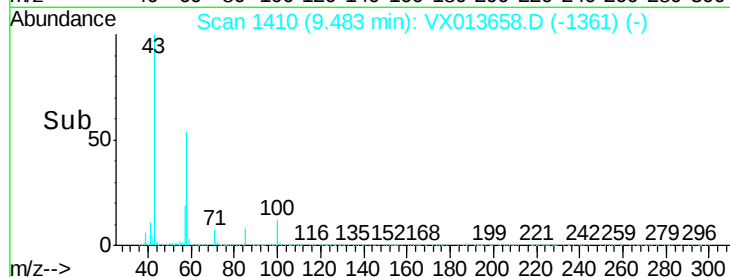
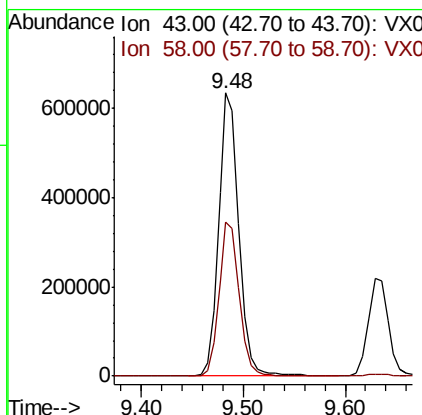
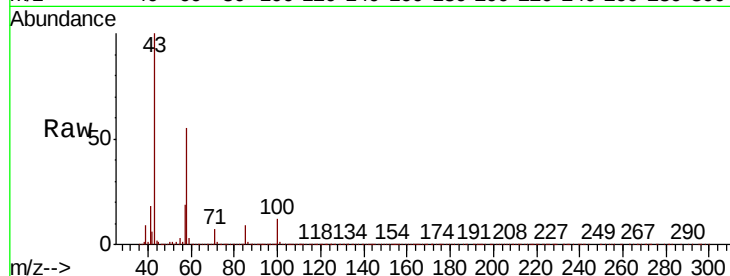
#59
2-Hexanone
Concen: 106.331 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX013658.D
Acq: 27 Nov 2019 17:47

Instrument :
MSVOA_X
ClientSampled :
VX1127WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.0	28.1	84.4

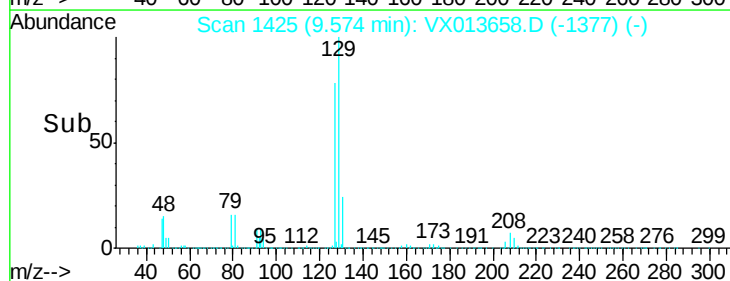
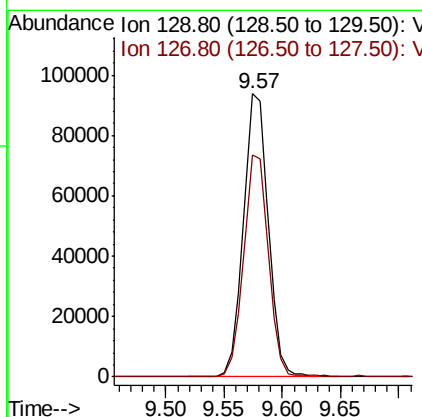
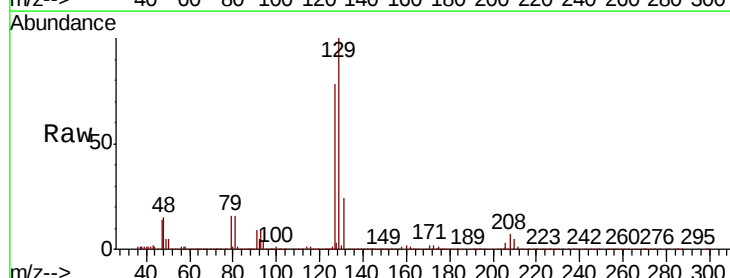
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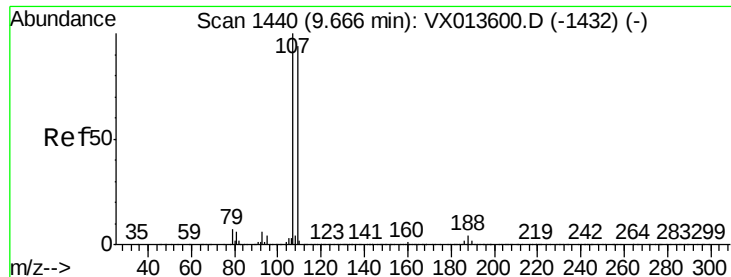
apatel
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#60
Dibromochloromethane
Concen: 19.585 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013658.D
Acq: 27 Nov 2019 17:47

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.2	38.5	115.5





#61

1,2-Dibromoethane

Concen: 20.107 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013658.D

Acq: 27 Nov 2019 17:47

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBSD01

Tot Ion: 107 Resp: 148778

Ion Ratio Lower Upper

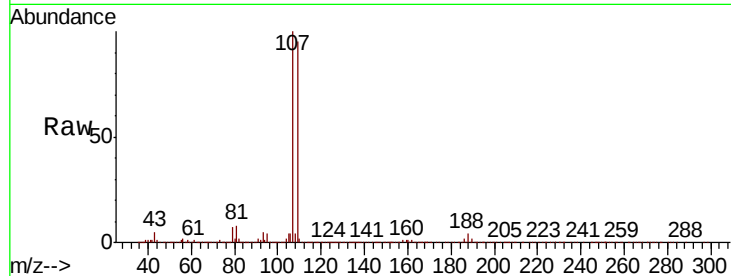
107 100

109 94.3 76.1 114.1

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

120000

100000

80000

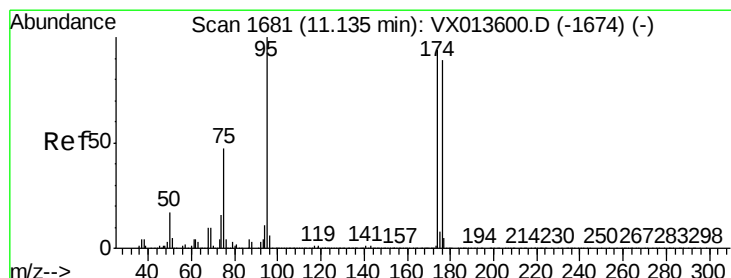
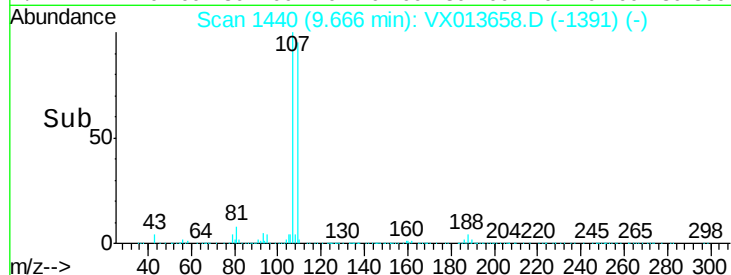
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.574 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX013658.D

Acq: 27 Nov 2019 17:47

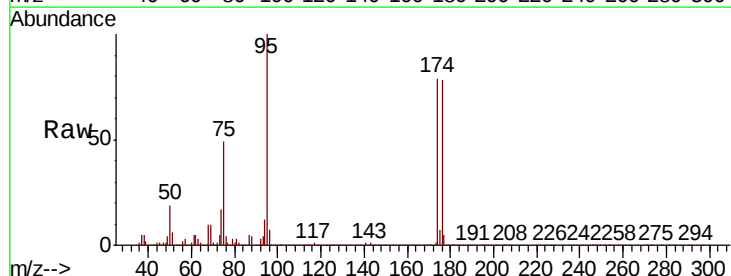
Tgt Ion: 95 Resp: 422302

Ion Ratio Lower Upper

95 100

174 89.2 0.0 180.0

176 86.4 0.0 173.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

400000

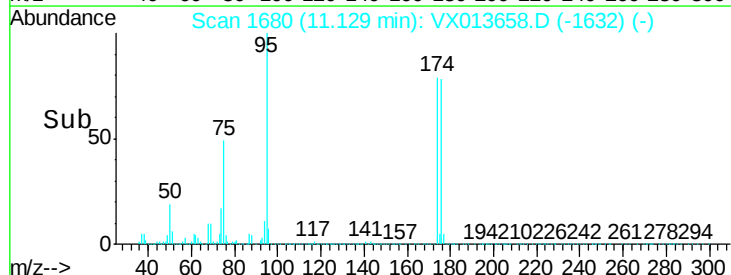
300000

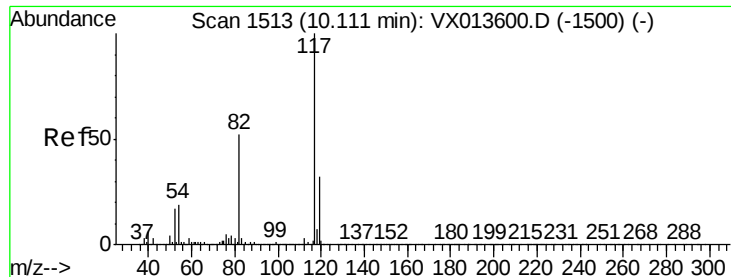
200000

100000

0

Time-->





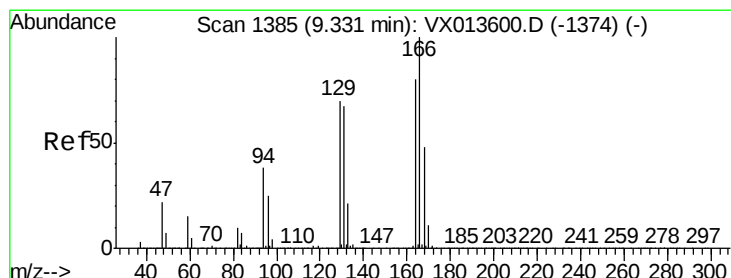
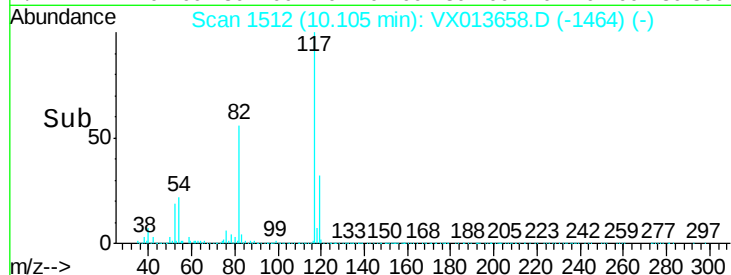
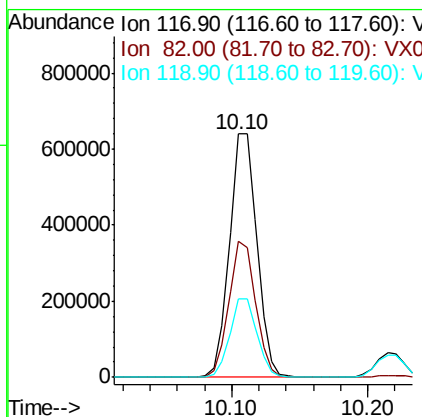
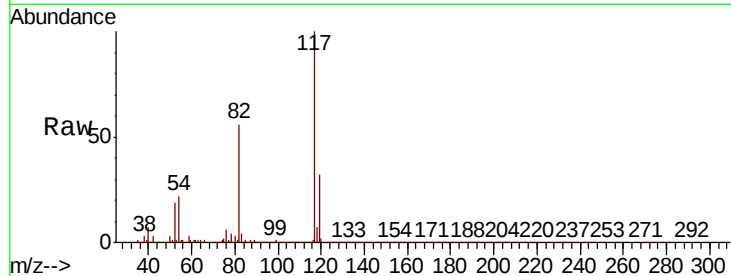
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013658.D
Acq: 27 Nov 2019 17:47

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD01

Tot Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	56.0	41.8	62.8
119	32.3	25.8	38.8

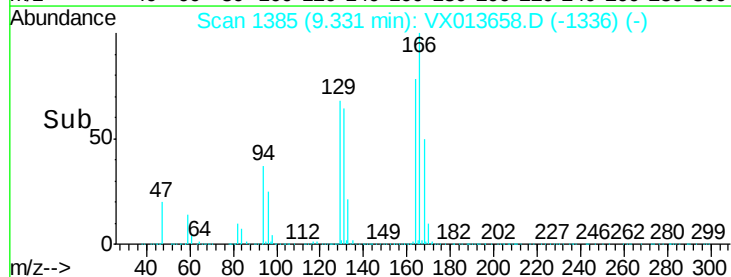
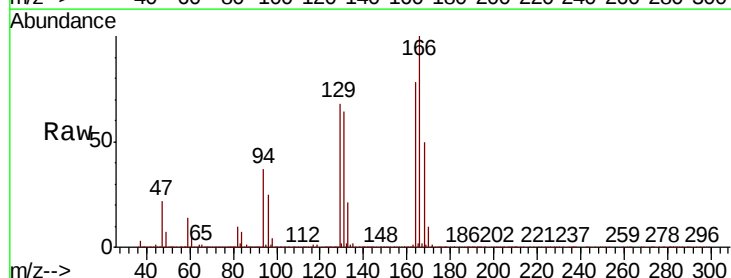
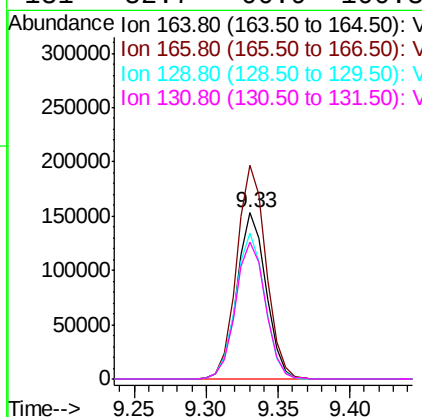
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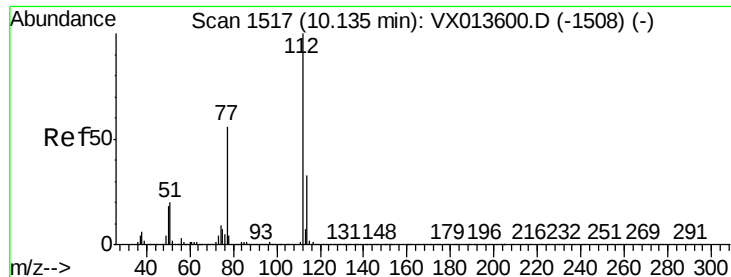
apatel
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#64
Tetrachloroethene
Concen: 32.191 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013658.D
Acq: 27 Nov 2019 17:47

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	128.4	99.7	149.5
129	87.5	70.1	105.1
131	82.7	66.9	100.3





#65

Chlorobenzene

Concen: 19.983 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX013658.D

Acq: 27 Nov 2019 17:47

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBSD01

Tot Ion:112 Resp: 372967

Ion Ratio Lower Upper

112 100

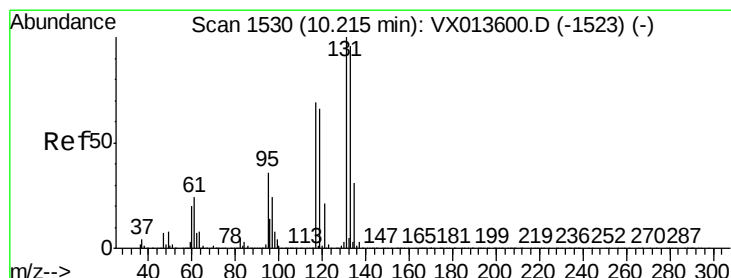
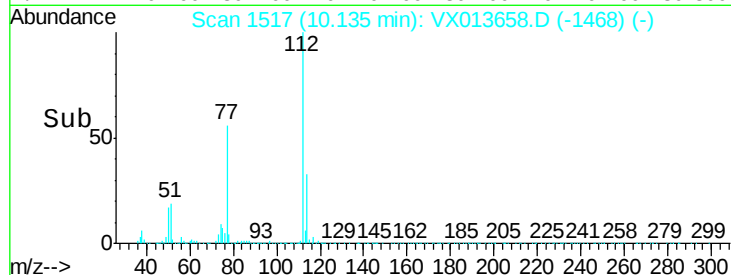
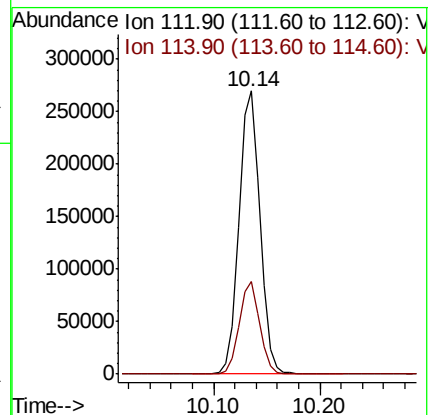
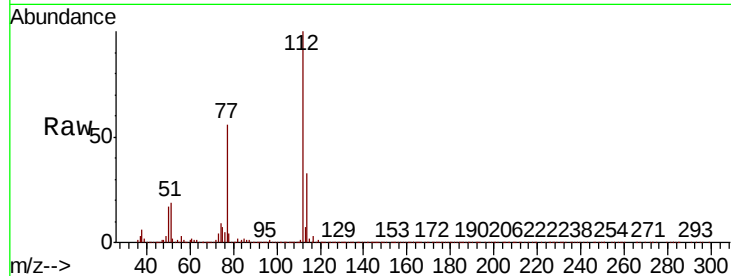
114 32.9 26.1 39.1

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#66

1,1,1,2-Tetrachloroethane

Concen: 20.140 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX013658.D

Acq: 27 Nov 2019 17:47

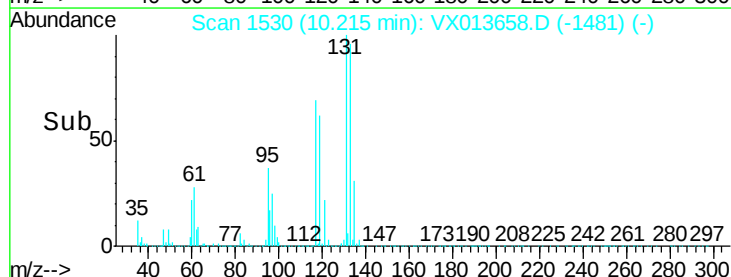
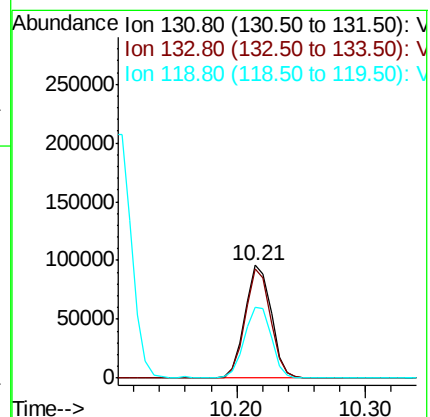
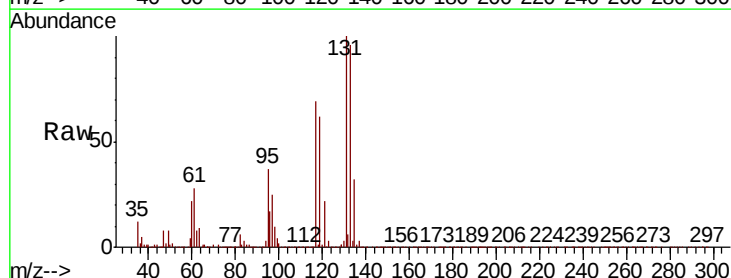
Tgt Ion:131 Resp: 134981

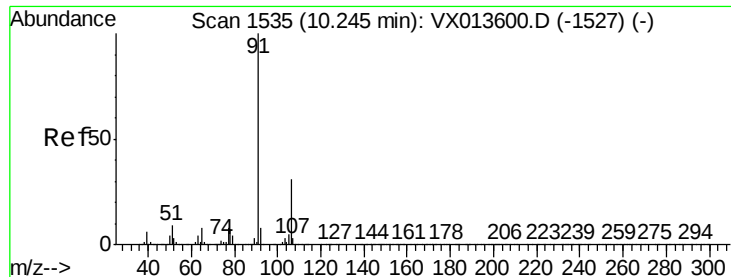
Ion Ratio Lower Upper

131 100

133 93.2 47.7 143.1

119 63.7 32.9 98.6





#67

Ethyl Benzene

Concen: 20.169 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013658.D

Acq: 27 Nov 2019 17:47

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBSD01

Tot Ion: 91 Resp: 646873

Ion Ratio Lower Upper

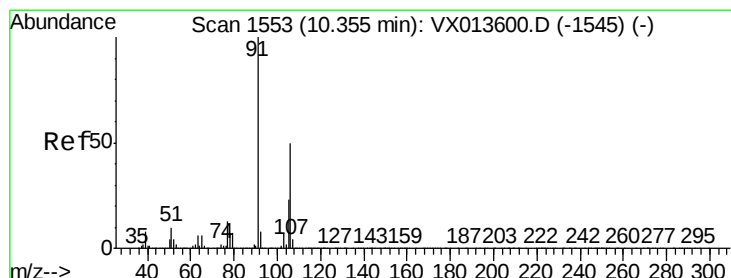
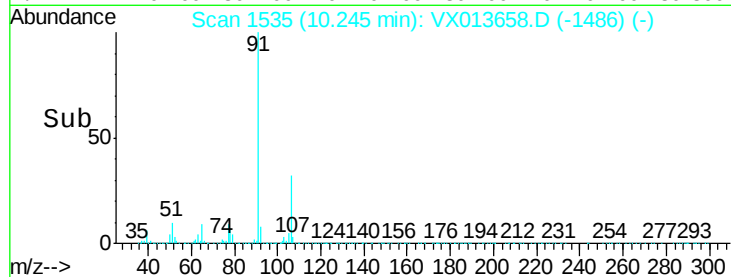
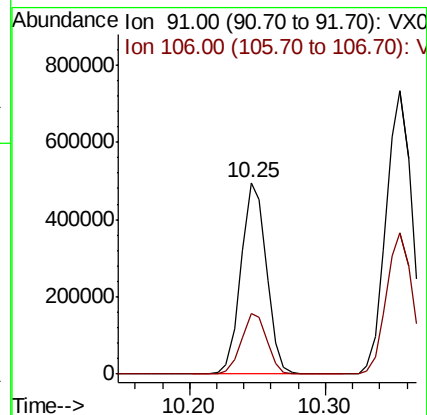
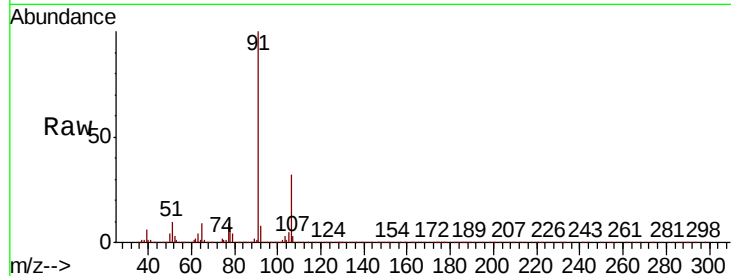
91 100

106 31.7 24.5 36.7

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#68

m/p-Xylenes

Concen: 40.008 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013658.D

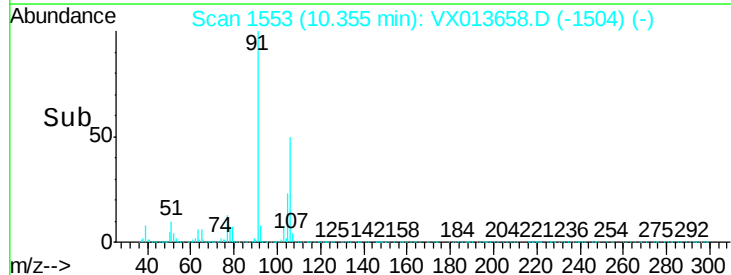
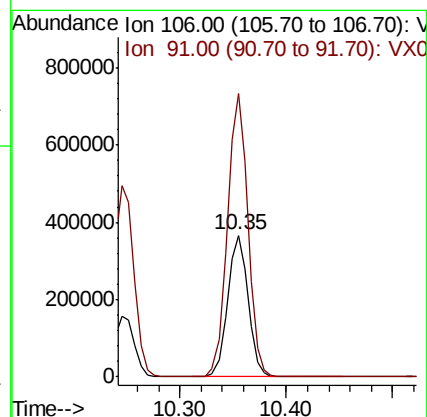
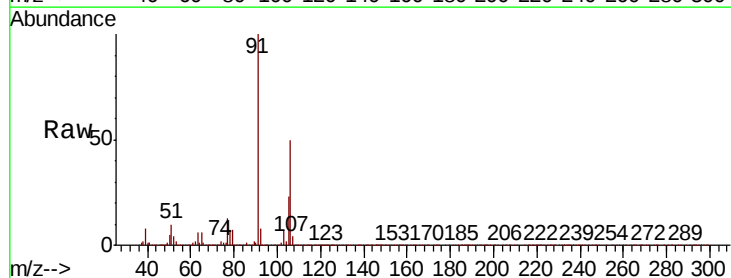
Acq: 27 Nov 2019 17:47

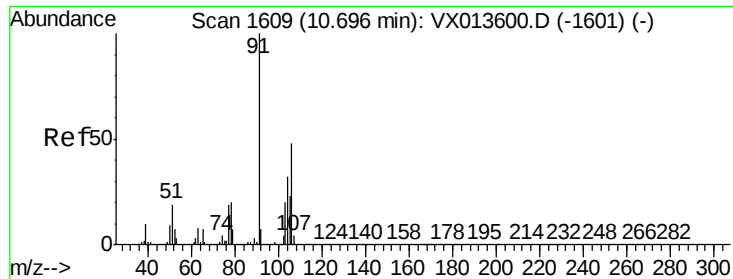
Tgt Ion: 106 Resp: 491257

Ion Ratio Lower Upper

106 100

91 200.3 159.0 238.4





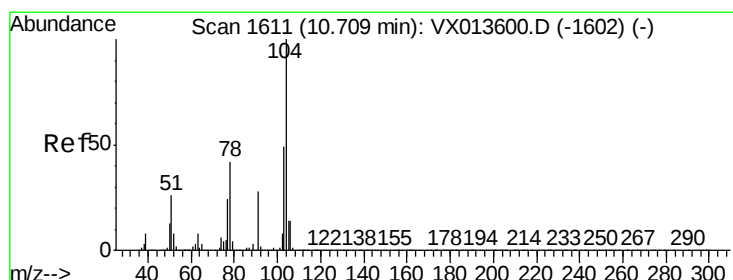
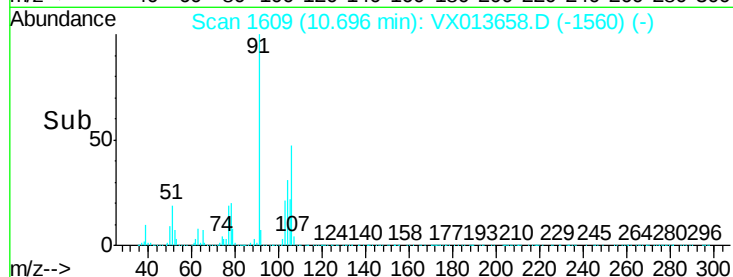
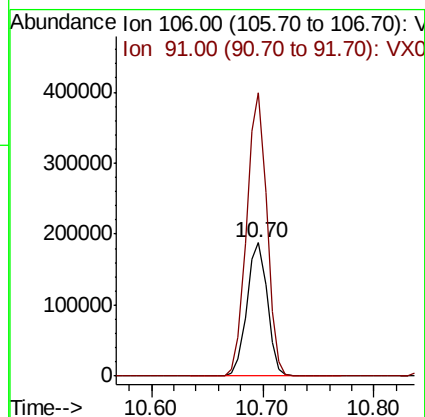
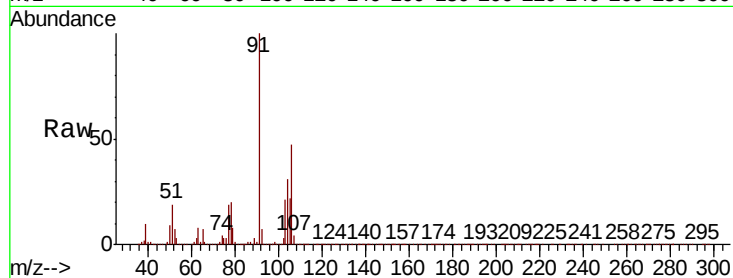
#69
o-Xylene
Concen: 19.937 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013658.D
Acq: 27 Nov 2019 17:47

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD01

Tot Ion:106 Resp: 238756
Ion Ratio Lower Upper
106 100
91 210.7 104.1 312.2

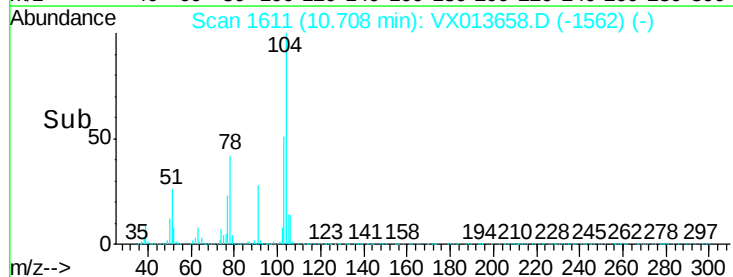
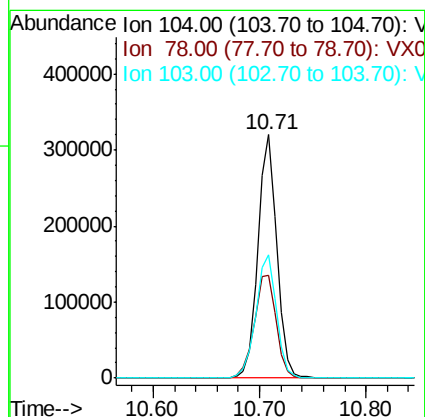
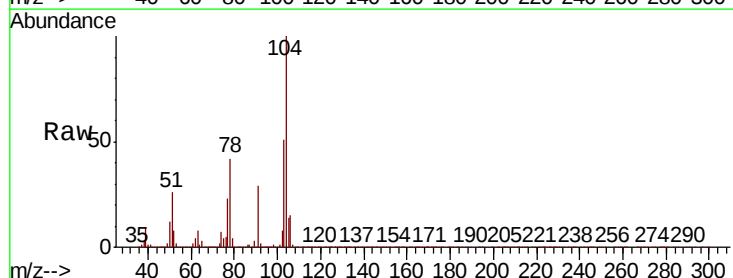
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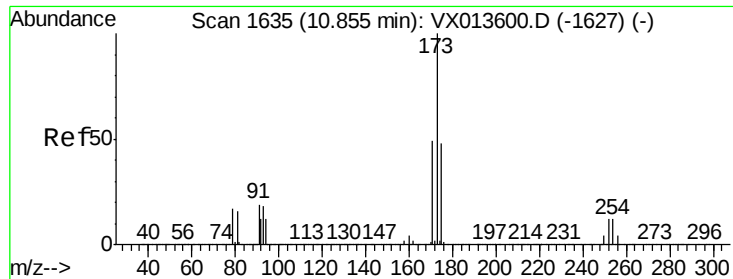
apatel
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#70
Styrene
Concen: 19.867 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013658.D
Acq: 27 Nov 2019 17:47

Tgt Ion:104 Resp: 400214
Ion Ratio Lower Upper
104 100
78 48.8 38.5 57.7
103 55.4 43.7 65.5





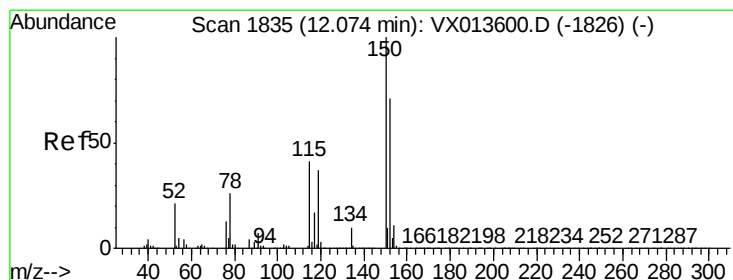
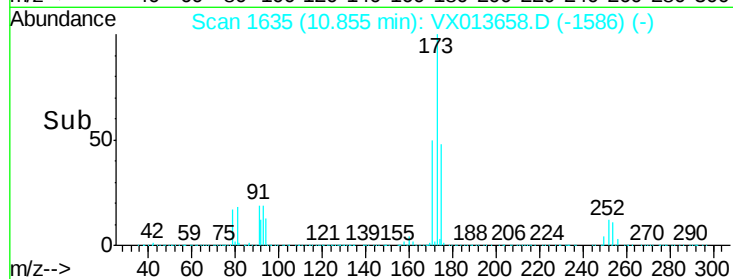
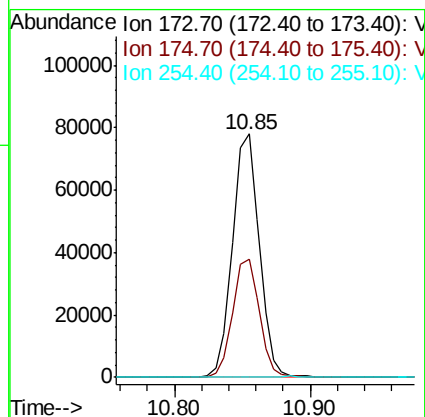
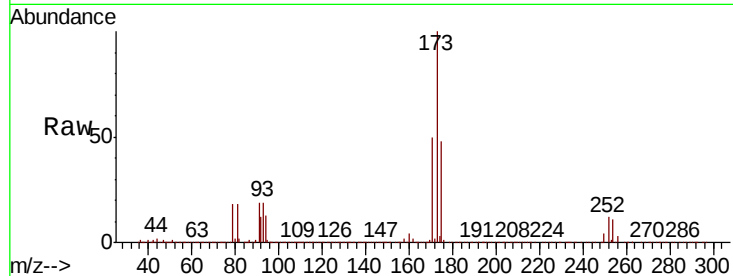
#71
Bromoform
Concen: 19.188 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX013658.D
Acq: 27 Nov 2019 17:47

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.3	72.8
254	0.3	0.2	0.4

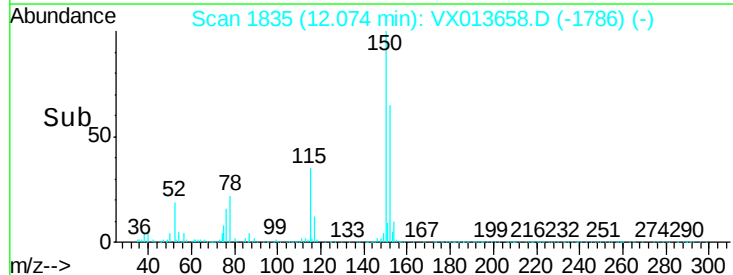
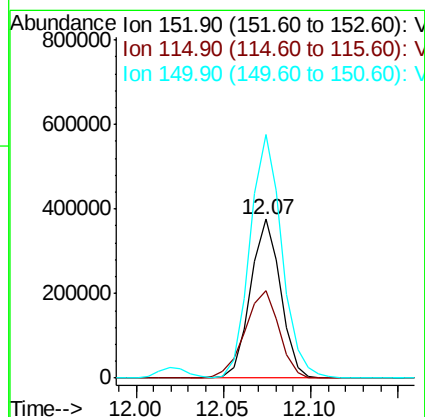
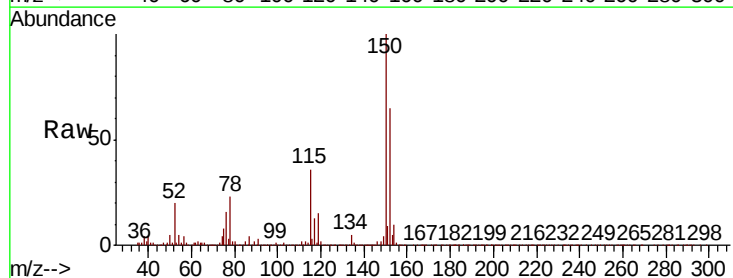
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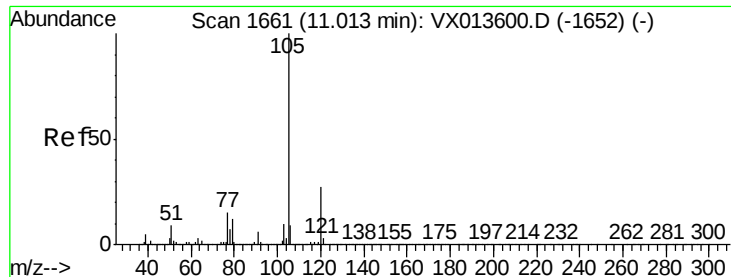
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013658.D
Acq: 27 Nov 2019 17:47

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.9	38.4	115.1
150	162.8	0.0	346.8





#73

Isopropylbenzene

Concen: 19.907 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013658.D

Acq: 27 Nov 2019 17:47

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBSD01

Tot Ion: 105 Resp: 626618

Ion Ratio Lower Upper

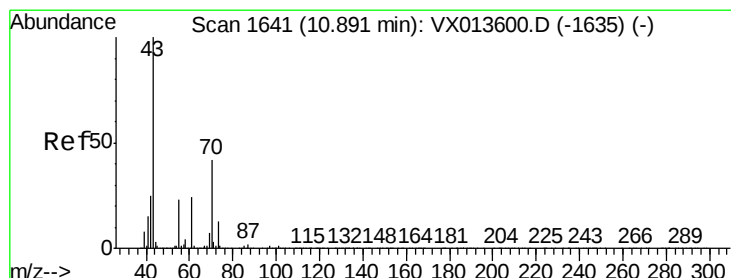
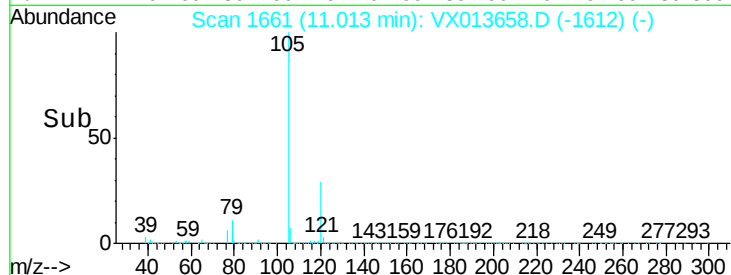
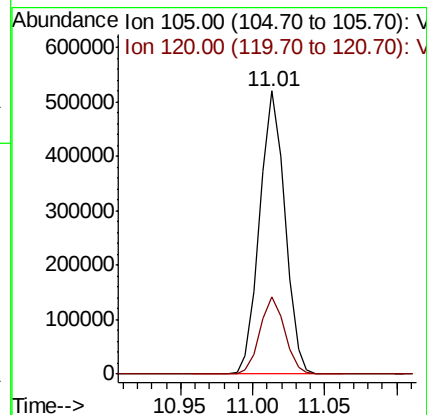
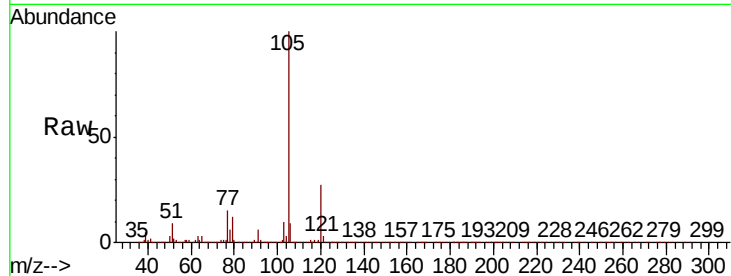
105 100

120 27.0 13.5 40.5

Manual Integrations
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#74

N-ethyl acetate

Concen: 19.621 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013658.D

Acq: 27 Nov 2019 17:47

Tgt Ion: 43 Resp: 282918

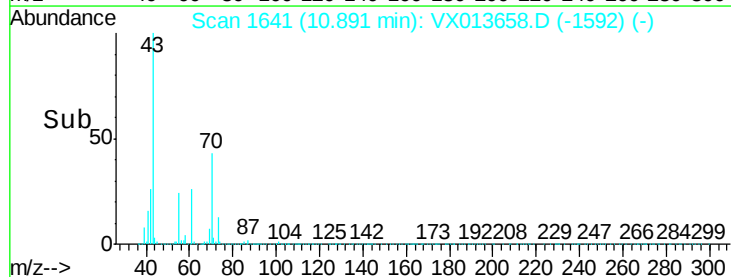
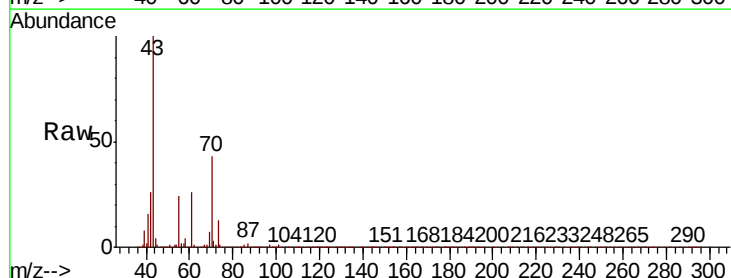
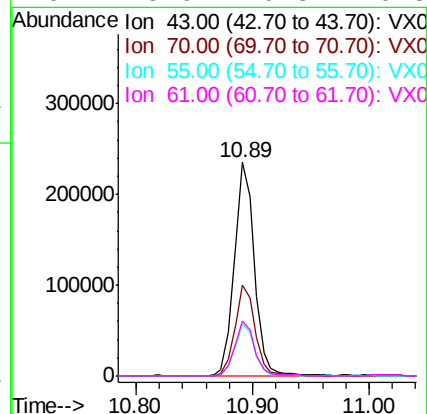
Ion Ratio Lower Upper

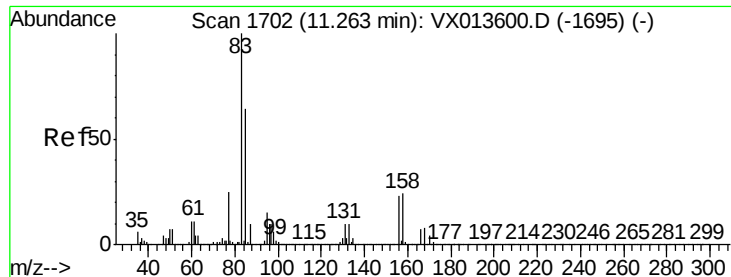
43 100

70 42.5 34.3 51.5

55 23.6 18.5 27.7

61 25.6 19.8 29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 18.929 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013658.D

Acq: 27 Nov 2019 17:47

Instrument :

MSVOA_X

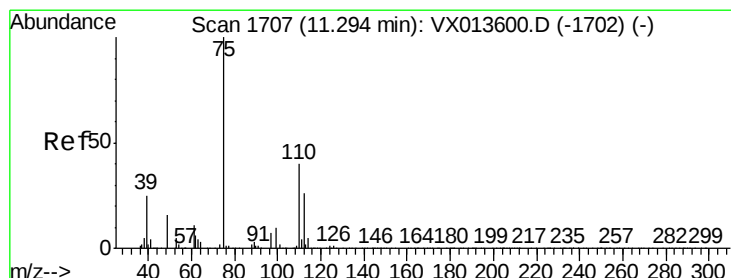
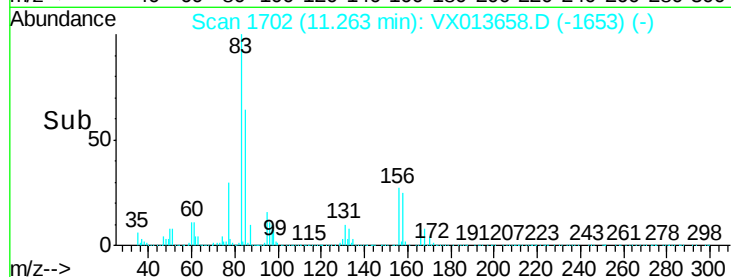
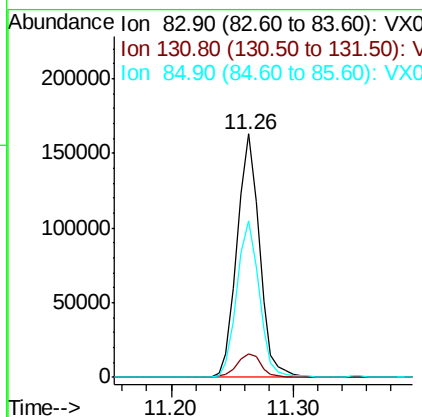
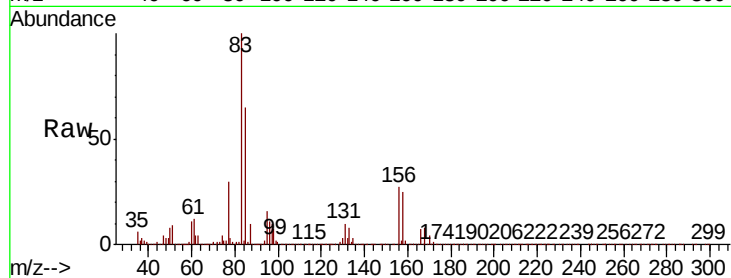
ClientSampleId :

VX1127WBSD01

Tot Ion:	83	Resp:	206627
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.1	15.3
85	63.9	31.8	95.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 17.603 ug/l m

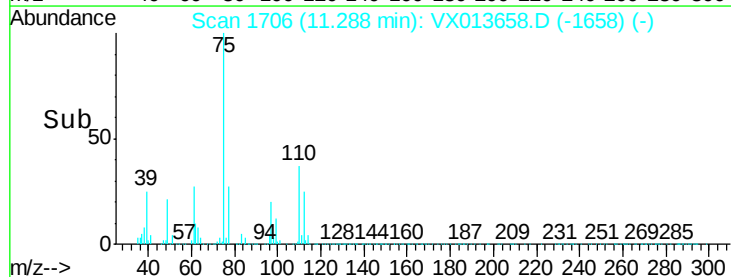
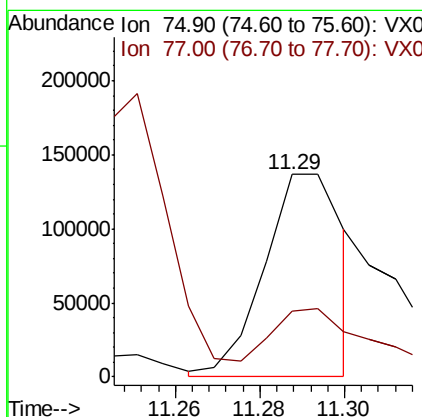
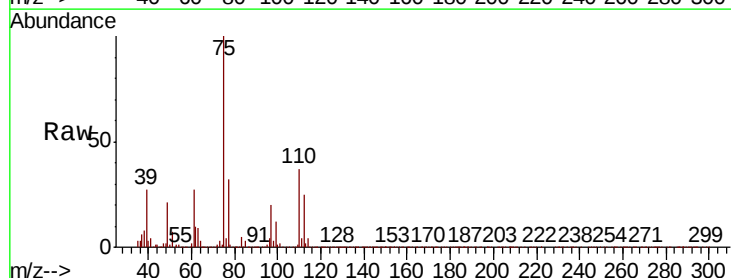
RT: 11.29 min Scan# 1706

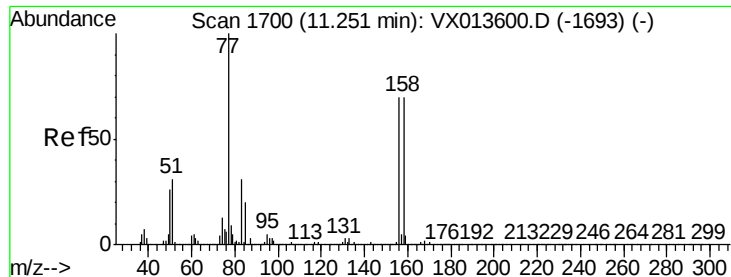
Delta R.T. -0.01 min

Lab File: VX013658.D

Acq: 27 Nov 2019 17:47

Tgt Ion:	75	Resp:	177668
Ion Ratio	Lower	Upper	
75	100		
77	43.0	19.1	57.5





#77

Bromobenzene

Concen: 19.681 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013658.D

Acq: 27 Nov 2019 17:47

Instrument :

MSVOA_X

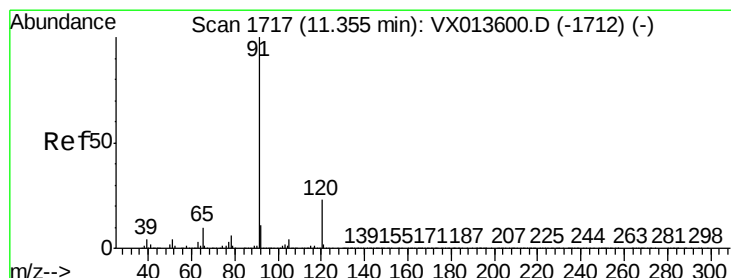
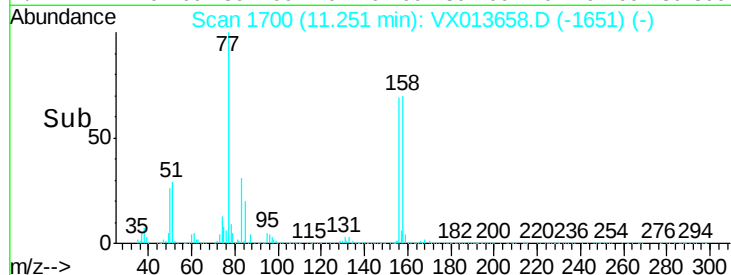
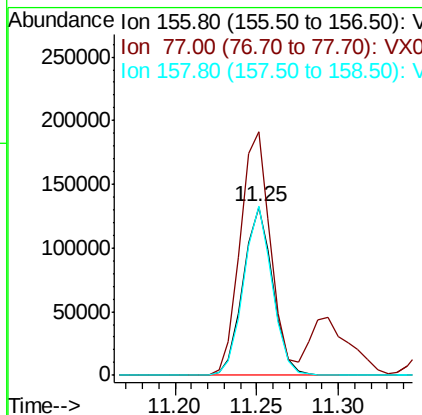
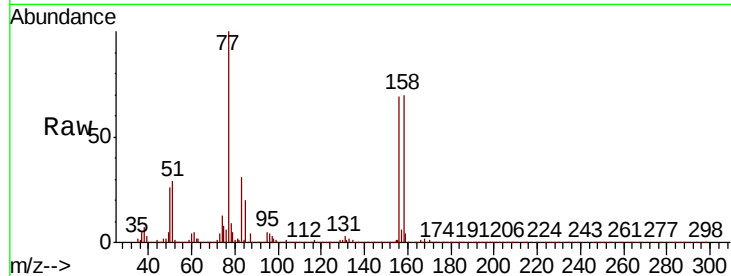
ClientSampleId :

VX1127WBSD01

Tot Ion:	156	Resp:	167360
Ion Ratio	Lower	Upper	
156	100		
77	149.3	74.4	223.1
158	97.6	48.9	146.6

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#78

n-propylbenzene

Concen: 20.348 ug/l

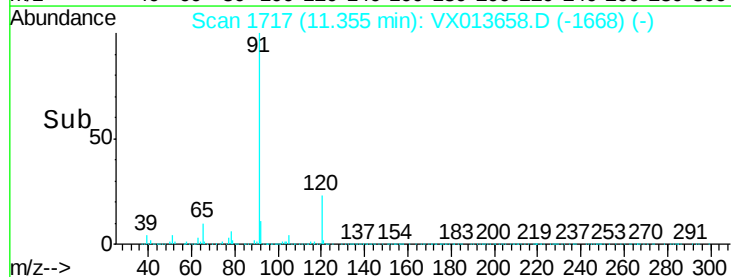
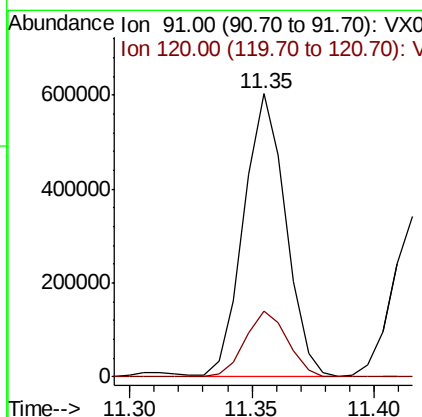
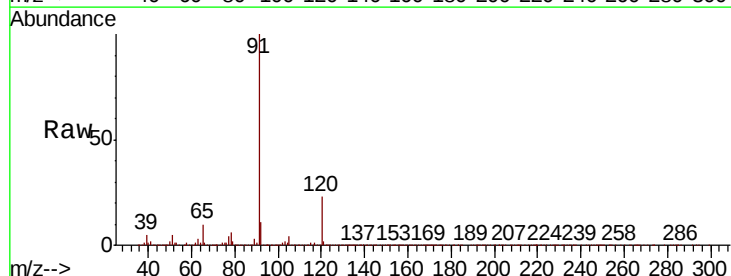
RT: 11.35 min Scan# 1717

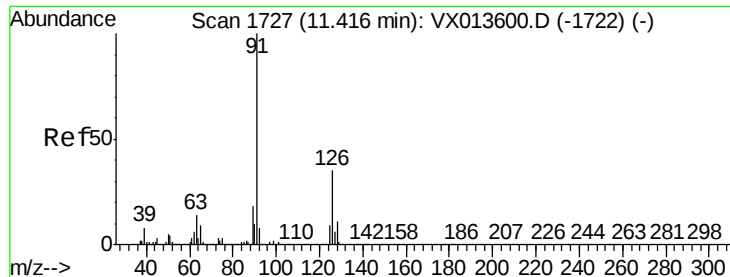
Delta R.T. -0.00 min

Lab File: VX013658.D

Acq: 27 Nov 2019 17:47

Tgt Ion:	91	Resp:	715012
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.8	35.3





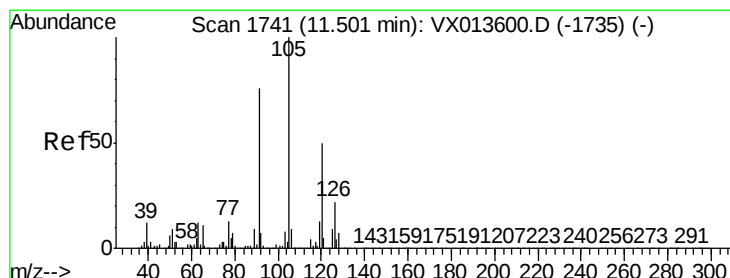
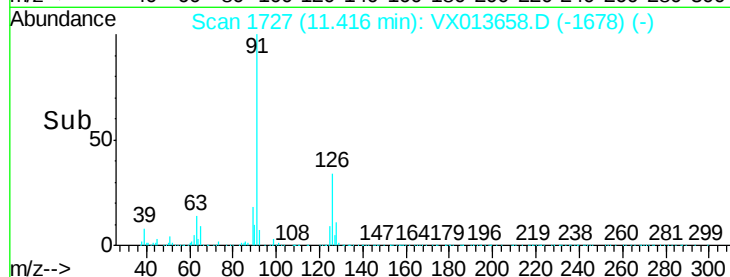
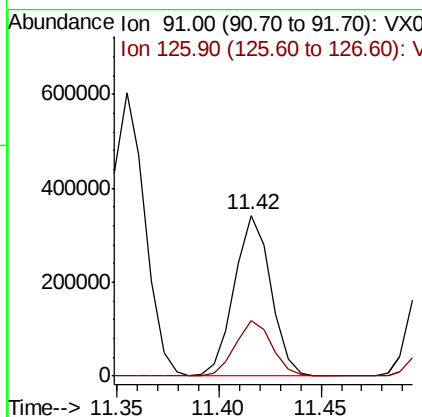
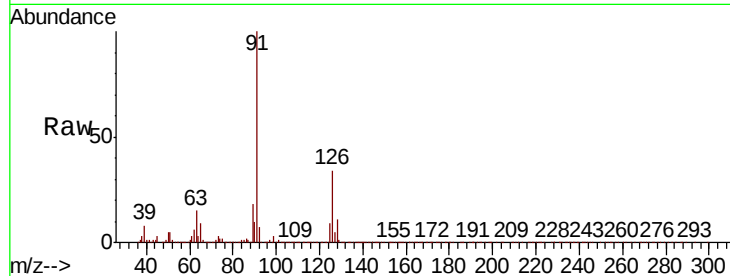
#79
2-Chlorotoluene
Concen: 19.982 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VX013658.D
Acq: 27 Nov 2019 17:47

Instrument :
MSVOA_X
ClientSampled :
VX1127WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
126	35.2	17.5	52.5

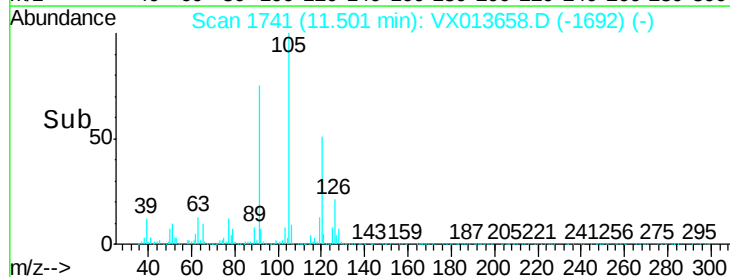
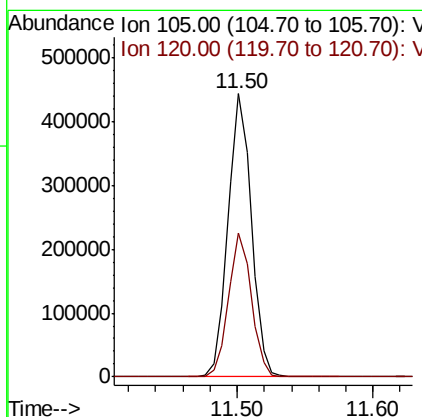
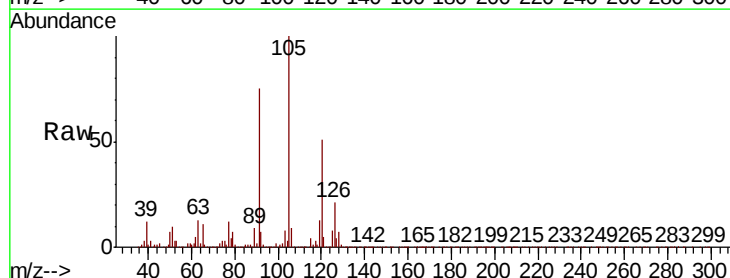
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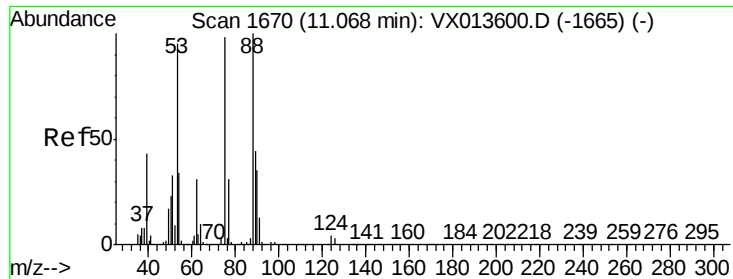
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#80
1,3,5-Trimethylbenzene
Concen: 20.475 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX013658.D
Acq: 27 Nov 2019 17:47

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.5	25.3	75.9





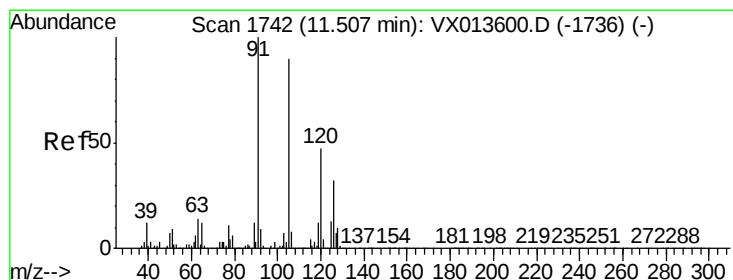
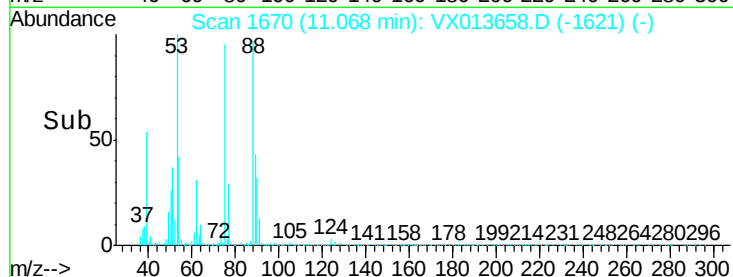
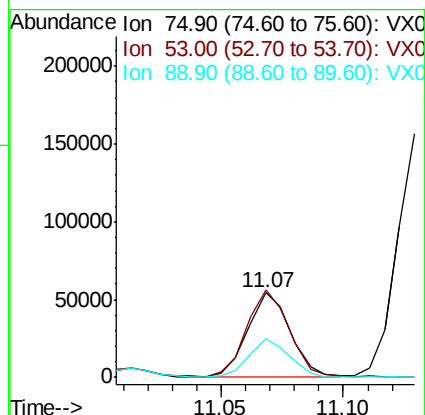
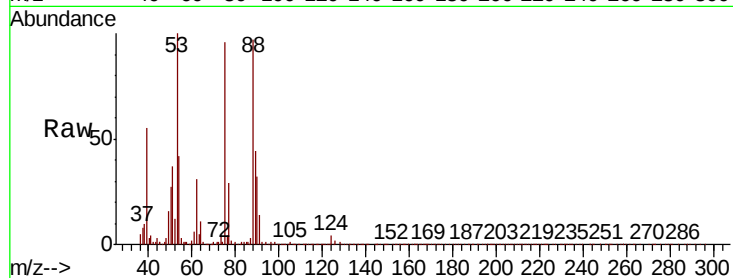
#81
trans-1,4-Dichloro-2-butene
Concen: 17.494 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX013658.D
Acq: 27 Nov 2019 17:47

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	104.8	78.2	117.2
89	45.2	35.4	53.2

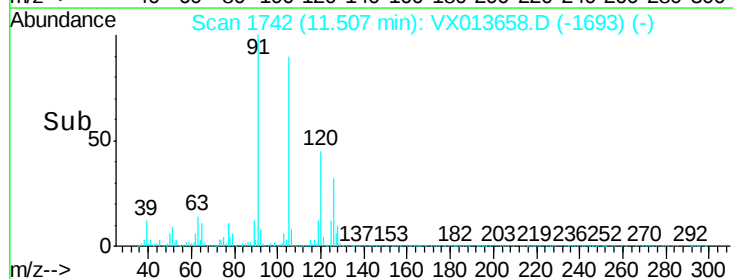
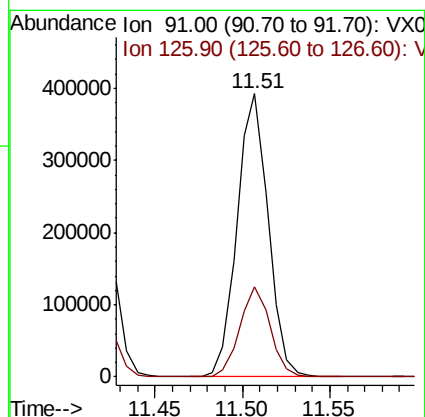
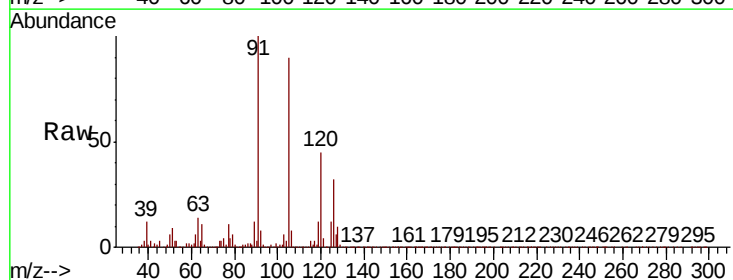
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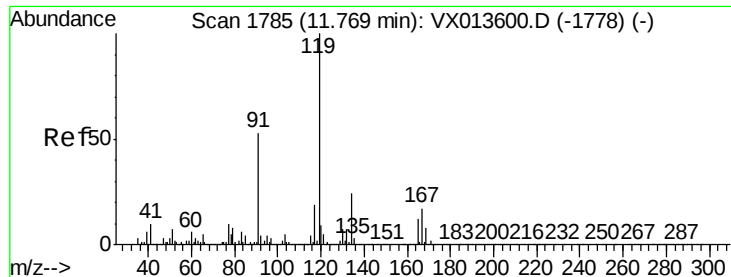
apatel
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#82
4-Chlorotoluene
Concen: 19.766 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013658.D
Acq: 27 Nov 2019 17:47

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.4	15.7	47.0





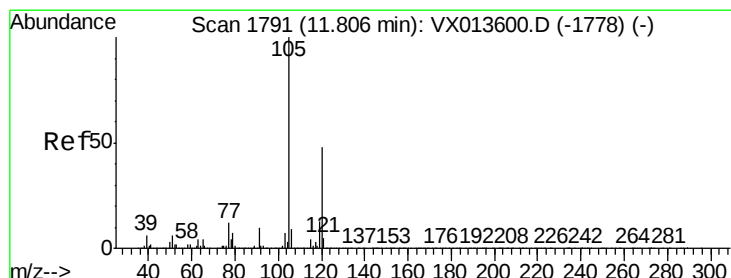
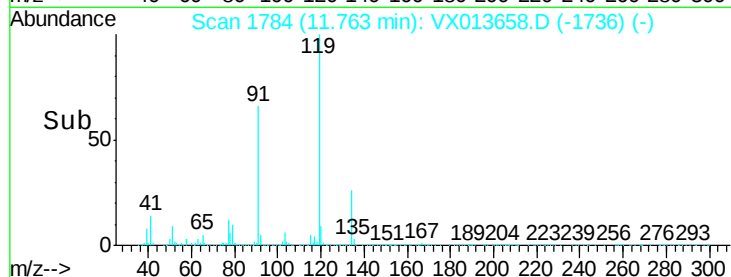
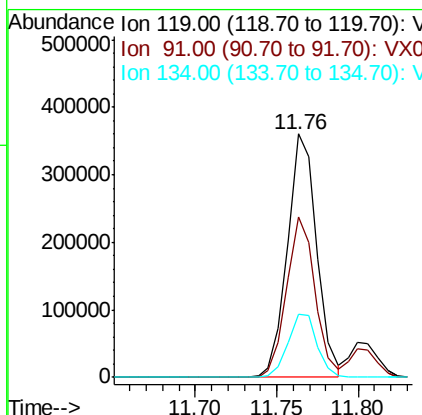
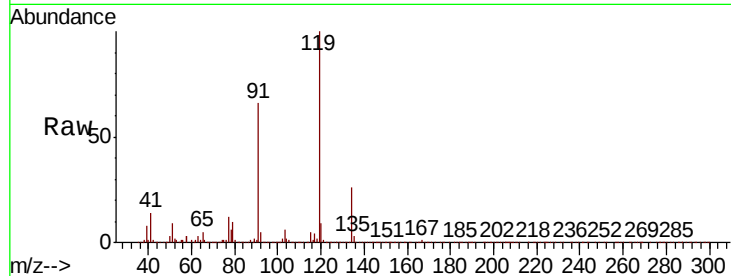
#83
tert-Butylbenzene
Concen: 17.077 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VX013658.D
Acq: 27 Nov 2019 17:47

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	447739		
91	64.2	27.2	81.6	
134	26.2	11.7	35.1	

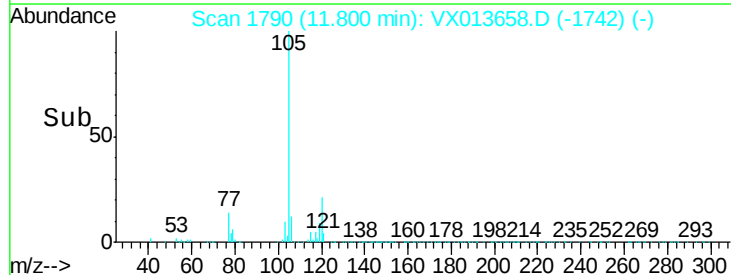
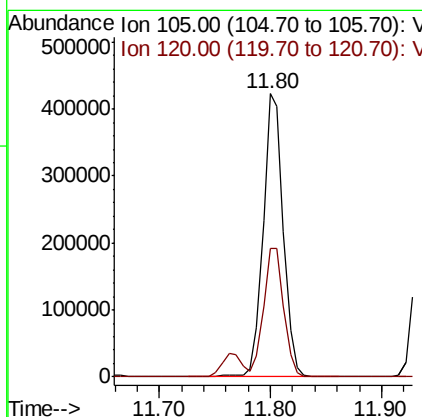
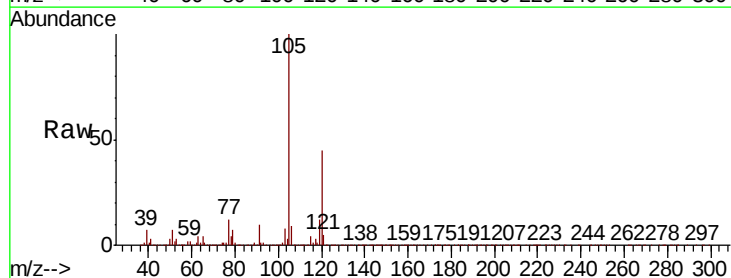
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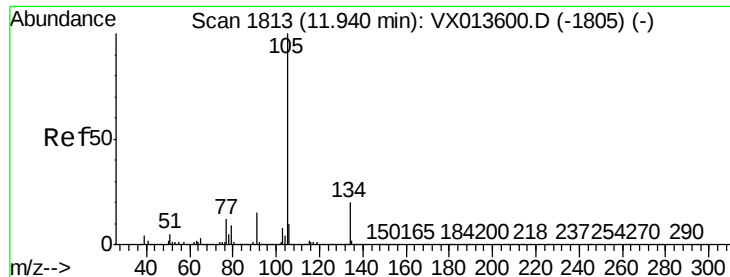
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#84
1,2,4-Trimethylbenzene
Concen: 20.369 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX013658.D
Acq: 27 Nov 2019 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	533316		
120	45.7	23.1	69.3	





#85

sec-Butylbenzene

Concen: 20.334 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013658.D

Acq: 27 Nov 2019 17:47

Instrument :

MSVOA_X

ClientSampleId :

VX1127WBSD01

Tot Ion:105 Resp: 608949

Ion Ratio Lower Upper

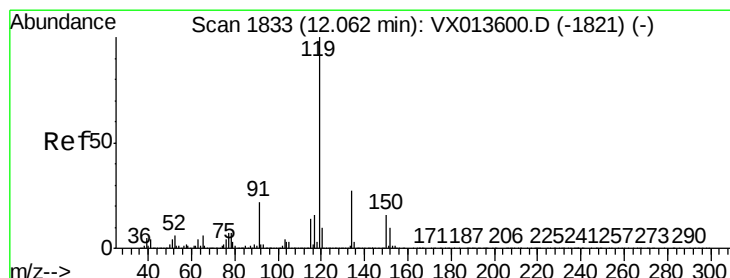
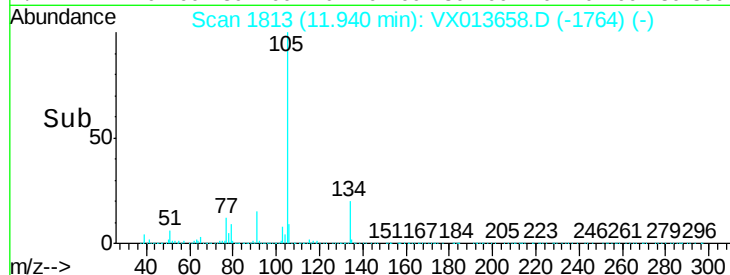
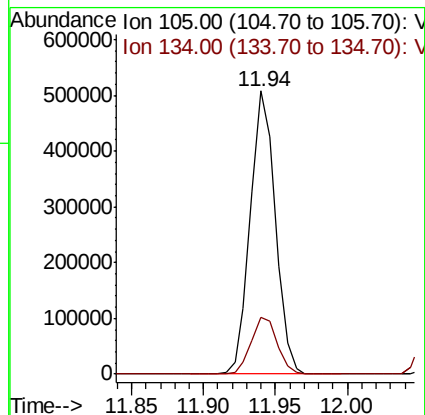
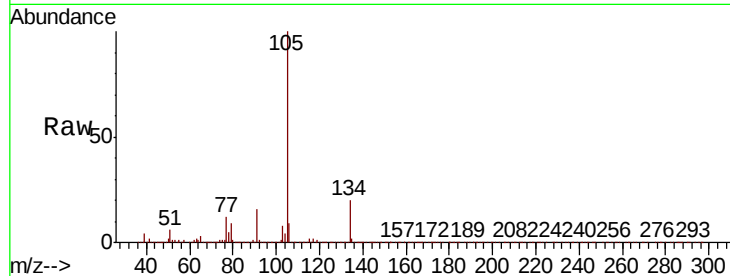
105 100

134 21.0 10.4 31.2

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#86

p-Isopropyltoluene

Concen: 19.984 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013658.D

Acq: 27 Nov 2019 17:47

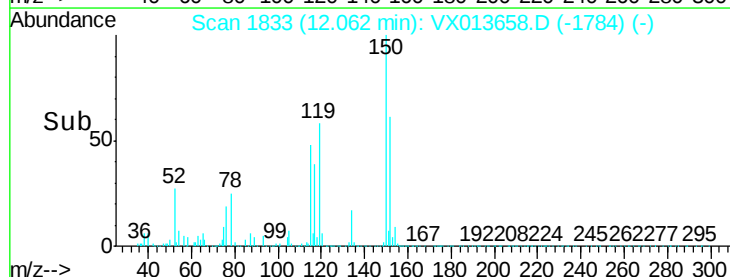
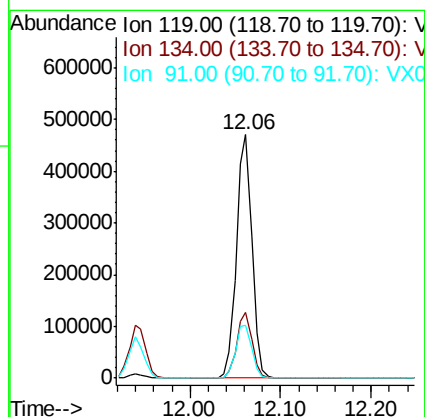
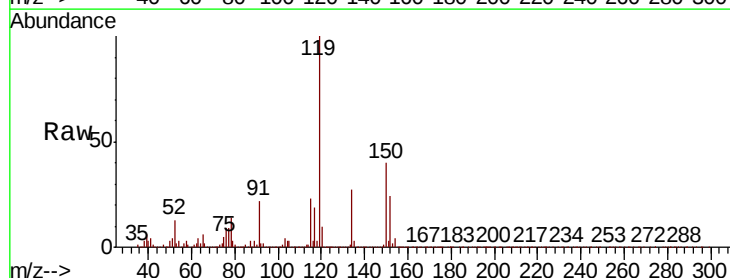
Tgt Ion:119 Resp: 556758

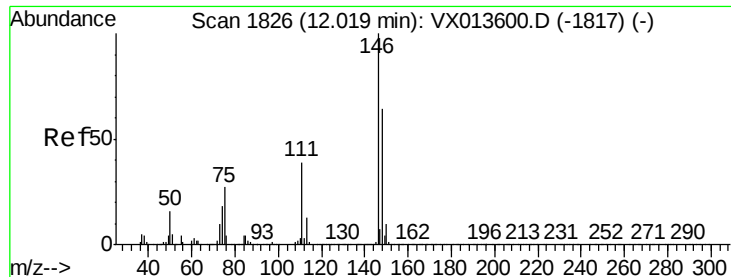
Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.9

91 22.6 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 19.564 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX013658.D

Acq: 27 Nov 2019 17:47

Instrument :

MSVOA_X

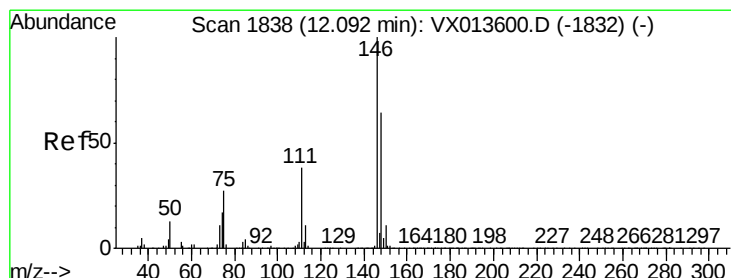
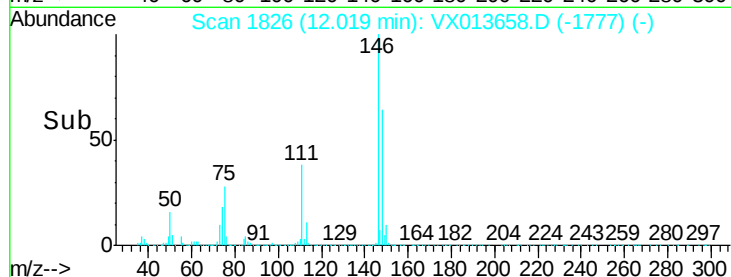
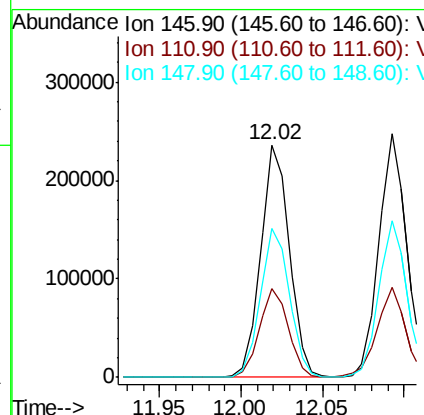
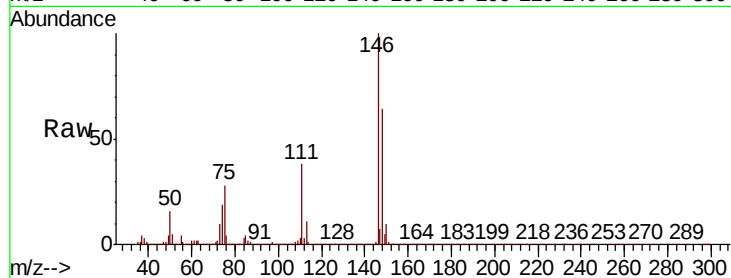
ClientSampleId :

VX1127WBSD01

Tot Ion:	146	Resp:	289999
Ion Ratio	Lower	Upper	
146	100		
111	38.7	19.0	57.0
148	64.9	31.8	95.4

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#88

1,4-Dichlorobenzene

Concen: 19.387 ug/l

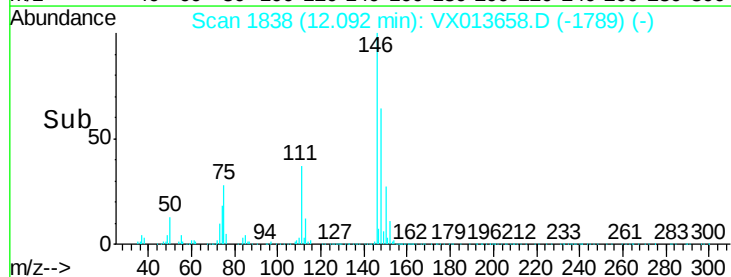
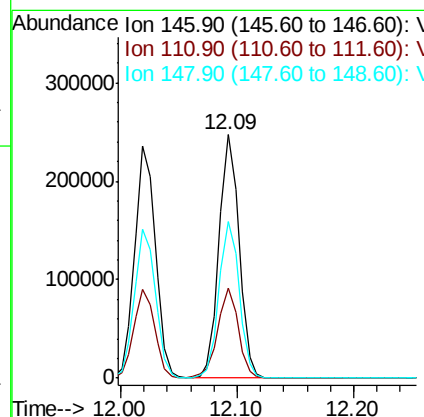
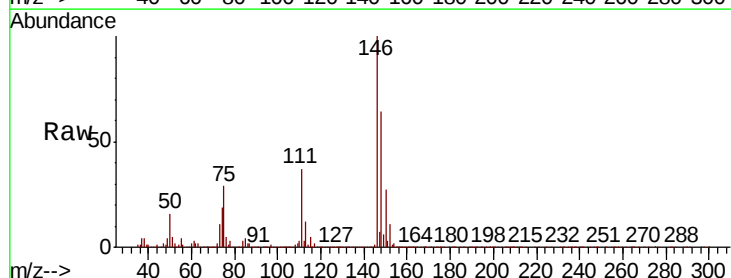
RT: 12.09 min Scan# 1838

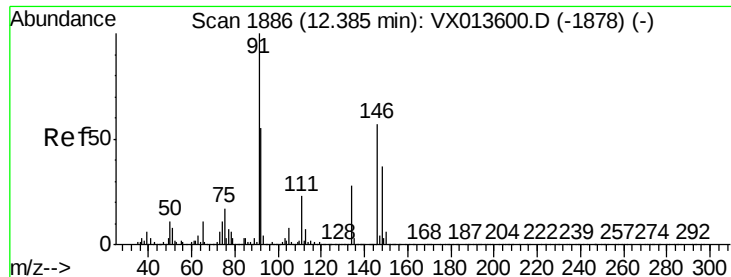
Delta R.T. -0.00 min

Lab File: VX013658.D

Acq: 27 Nov 2019 17:47

Tgt Ion:	146	Resp:	292712
Ion Ratio	Lower	Upper	
146	100		
111	37.9	18.9	56.9
148	65.2	31.9	95.5





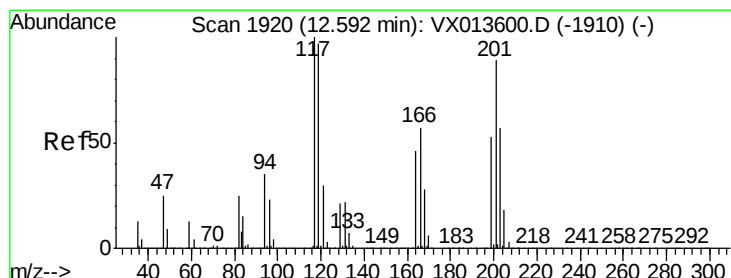
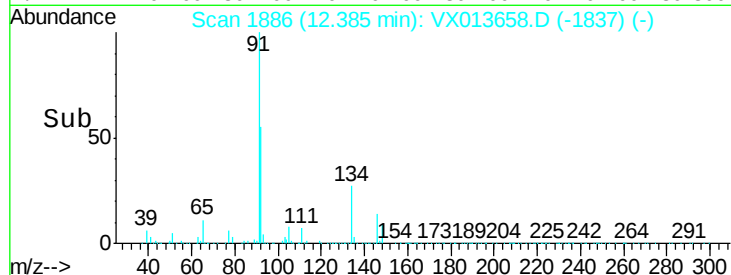
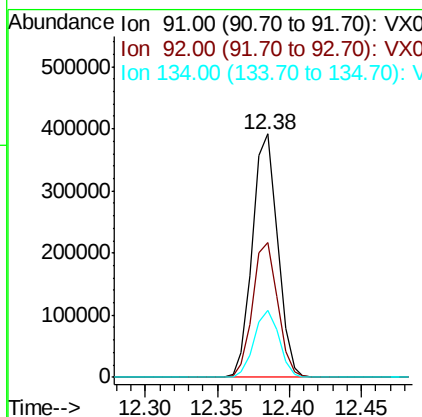
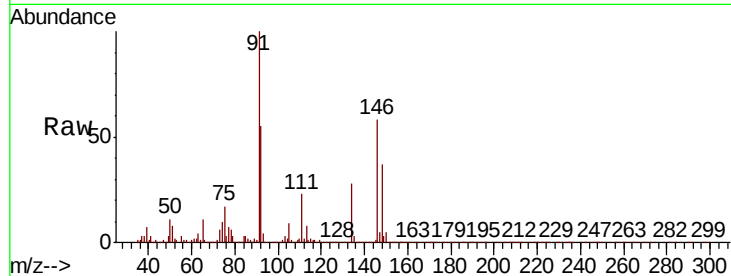
#89
n-Butylbenzene
Concen: 19.834 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013658.D
Acq: 27 Nov 2019 17:47

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.1	27.4	82.2
134	27.3	13.5	40.4

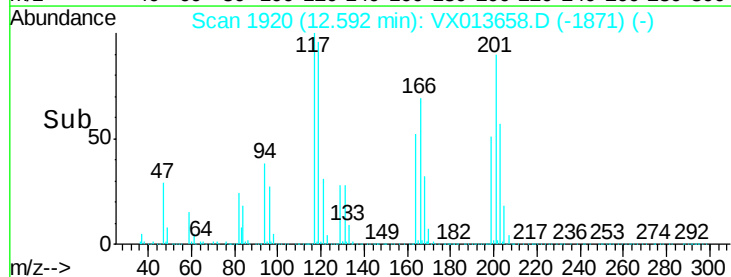
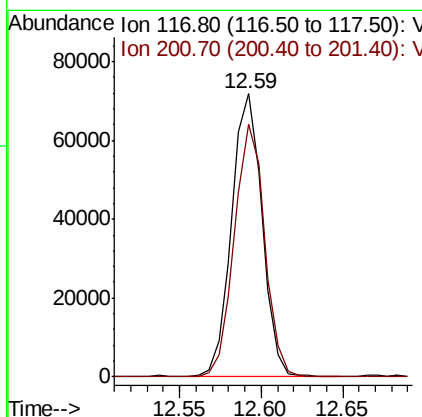
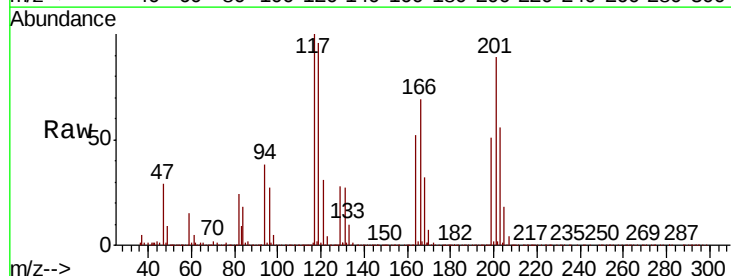
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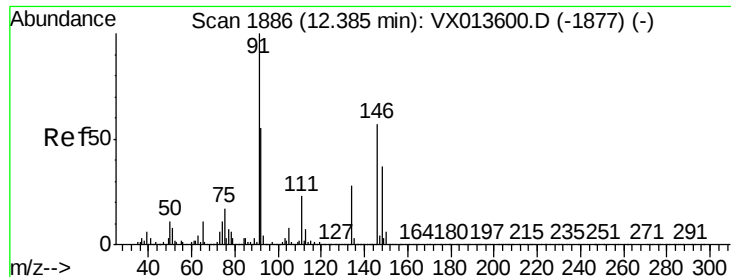
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#90
Hexachloroethane
Concen: 18.530 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013658.D
Acq: 27 Nov 2019 17:47

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.1	44.1	132.4





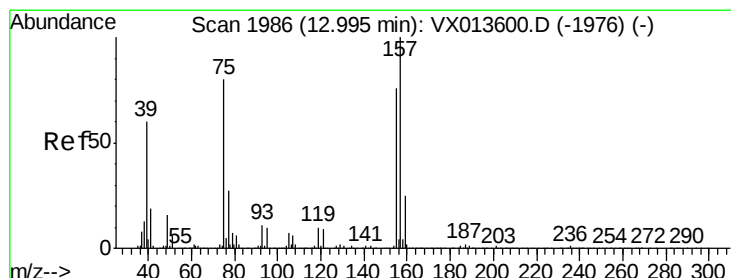
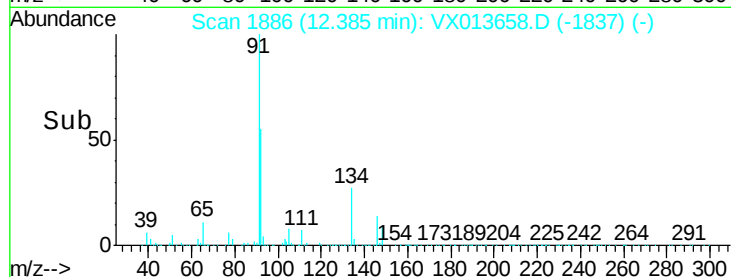
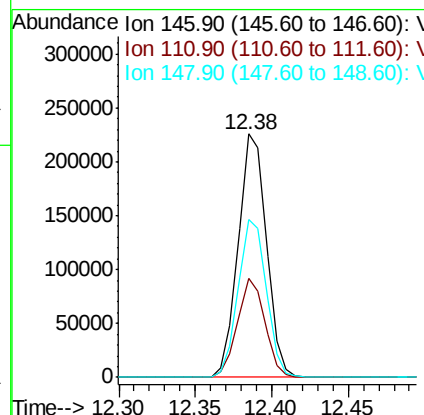
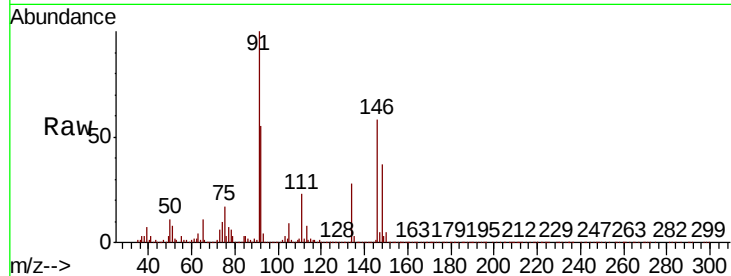
#91
 1,2-Dichlorobenzene
 Concen: 19.721 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013658.D
 Acq: 27 Nov 2019 17:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1127WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	288838		
111	39.6	19.6	58.7	
148	64.9	31.9	95.7	

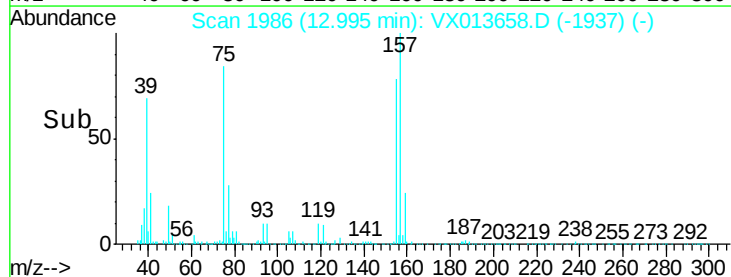
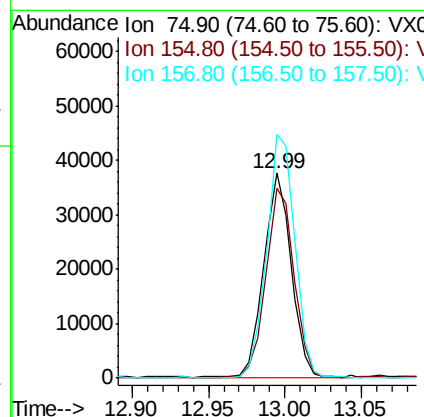
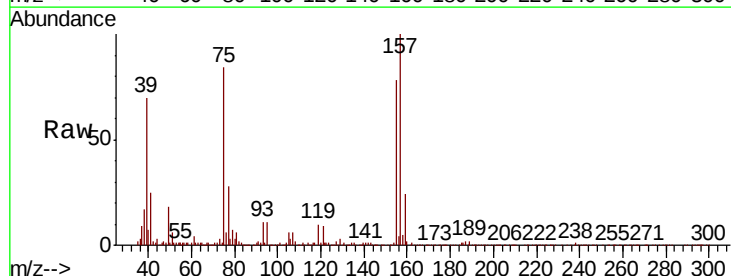
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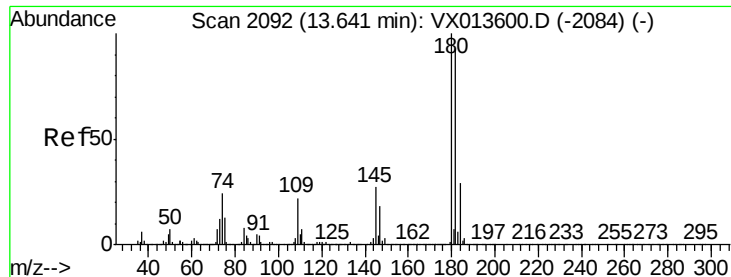
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.179 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013658.D
 Acq: 27 Nov 2019 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	47968		
155	95.0	47.6	142.8	
157	121.1	62.1	186.2	





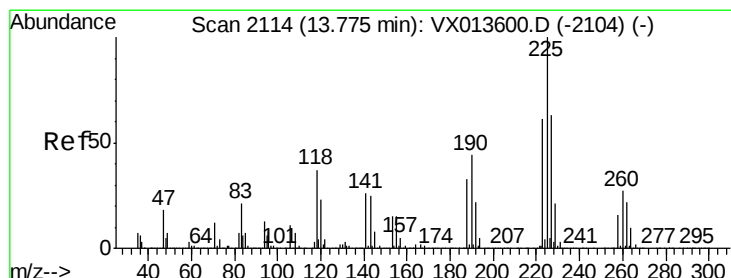
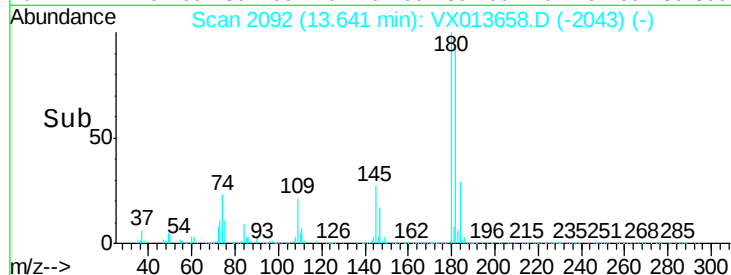
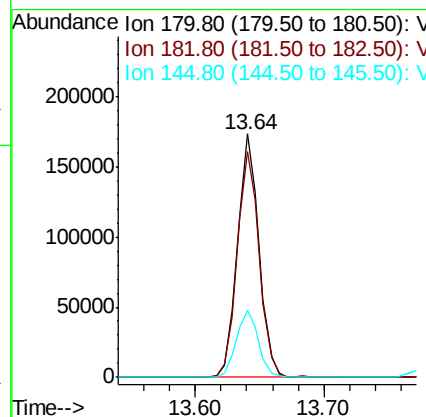
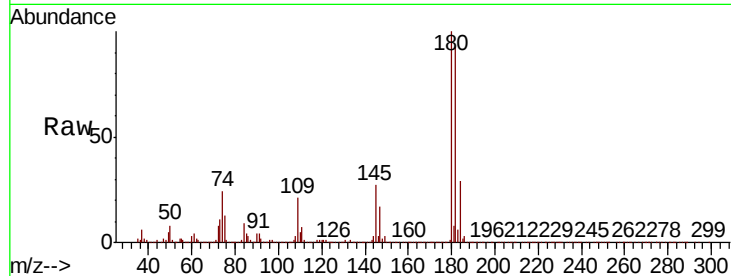
#93
 1,2,4-Trichlorobenzene
 Concen: 19.866 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013658.D
 Acq: 27 Nov 2019 17:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1127WBSD01

Tot Ion:	180	Resp:	202776
Ion Ratio	Lower	Upper	
180	100		
182	94.6	47.2	141.6
145	28.8	13.8	41.4

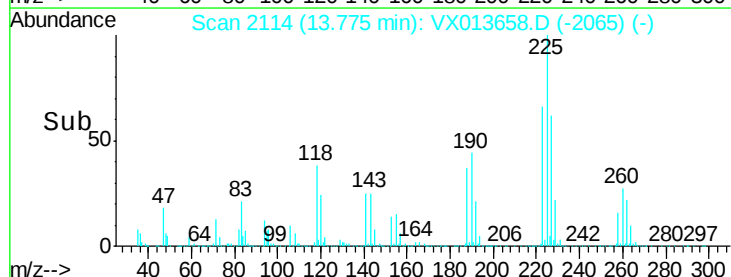
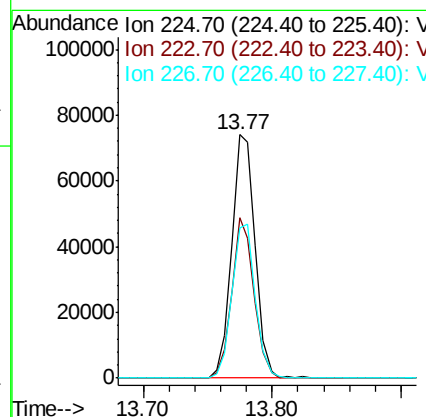
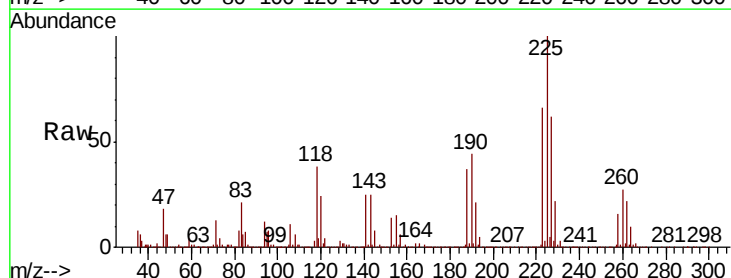
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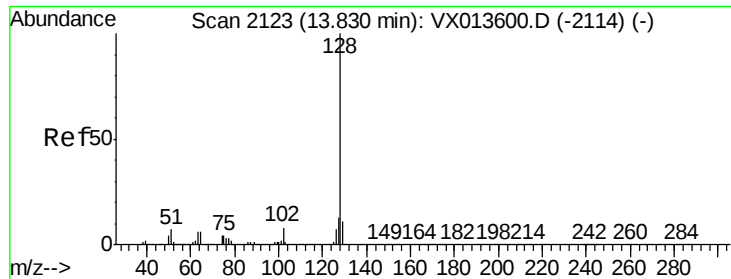
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#94
 Hexachlorobutadiene
 Concen: 19.300 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX013658.D
 Acq: 27 Nov 2019 17:47

Tgt Ion:	225	Resp:	94635
Ion Ratio	Lower	Upper	
225	100		
223	62.5	31.9	95.5
227	62.8	32.1	96.3





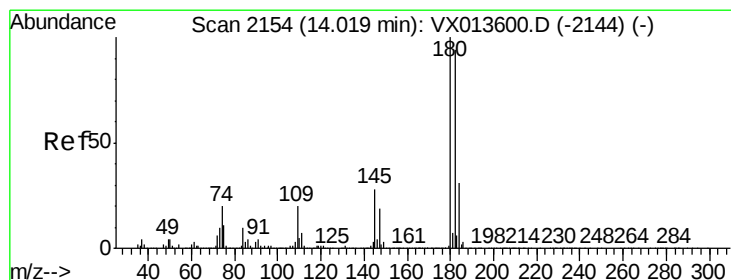
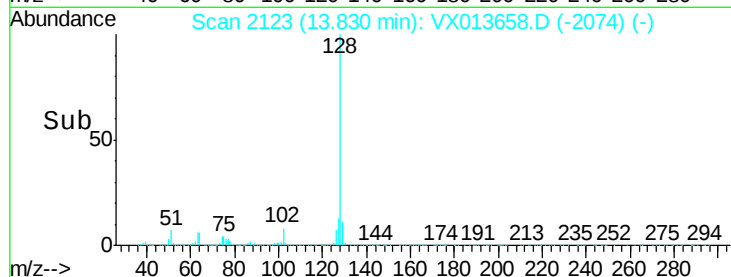
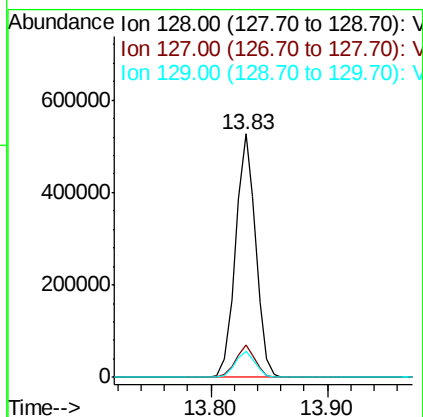
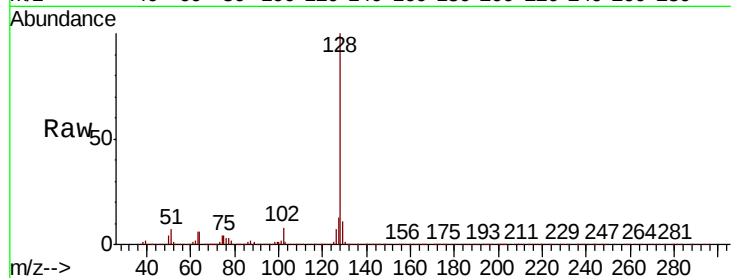
#95
Naphthalene
Concen: 20.898 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013658.D
Acq: 27 Nov 2019 17:47

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	11.0	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.660 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.01 min
Lab File: VX013658.D
Acq: 27 Nov 2019 17:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.3	47.6	142.8
145	30.3	15.0	45.0

