

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121219\
 Data File : VX013969.D
 Acq On : 12 Dec 2019 12:16
 Operator : JC/SP
 Sample : VX1212WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS01

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

Quant Time: Dec 13 03:01:34 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	615836	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	944194	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	832318	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	414476	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	356825	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	
35) Dibromofluoromethane	5.49	113	295514	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	
50) Toluene-d8	8.71	98	1124289	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	
62) 4-Bromofluorobenzene	11.14	95	407810	49.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	138106	20.148	ug/l	99
3) Chloromethane	1.31	50	150684	19.591	ug/l	97
4) Vinyl Chloride	1.40	62	167019	19.293	ug/l	98
5) Bromomethane	1.62	94	104146	17.914	ug/l	94
6) Chloroethane	1.70	64	90231	18.317	ug/l	96
7) Trichlorofluoromethane	1.87	101	196535	20.446	ug/l	99
8) Diethyl Ether	2.19	74	91970	21.148	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.34	101	123624	21.055	ug/l	99
10) Methyl Iodide	2.48	142	127745	17.986	ug/l	98
11) Tert butyl alcohol	3.01	59	10923	6.191	ug/l #	74
12) 1,1-Dichloroethene	2.33	96	117514	20.051	ug/l	98
13) Acrolein	2.30	56	86739	77.744	ug/l	99
14) Allyl chloride	2.70	41	198934	18.704	ug/l	97
15) Acrylonitrile	3.15	53	354767	97.405	ug/l	99
16) Acetone	2.47	43	321935	91.218	ug/l	99
17) Carbon Disulfide	2.53	76	254118	15.210	ug/l	99
18) Methyl Acetate	2.78	43	214651	21.841	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	416024	21.428	ug/l	100
20) Methylene Chloride	2.84	84	172404	25.427	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	125085	19.592	ug/l	96
22) Diisopropyl ether	3.86	45	465186	22.715	ug/l #	88
23) Vinyl Acetate	3.81	43	1766506	103.687	ug/l	98
24) 1,1-Dichloroethane	3.67	63	242363	21.648	ug/l	99
25) 2-Butanone	4.69	43	480034	91.519	ug/l	99
26) 2,2-Dichloropropane	4.56	77	189626	20.472	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	150026	20.462	ug/l	95
28) Bromochloromethane	5.00	49	87792	19.836	ug/l	99
29) Tetrahydrofuran	5.14	42	317264	98.118	ug/l	98
30) Chloroform	5.20	83	234106	20.619	ug/l	98
31) Cyclohexane	5.55	56	215981	20.454	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	192351	20.273	ug/l	99
36) 1,1-Dichloropropene	5.78	75	169468	19.772	ug/l	98
37) Ethyl Acetate	4.84	43	203205	21.134	ug/l	99
38) Carbon Tetrachloride	5.76	117	158863	20.101	ug/l	99

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Instrument :
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 ClientSampleID :
 VX1212WBS01

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

Quant Time: Dec 13 03:01:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	216161	20.403	ug/l	99
40) Benzene	6.12	78	550645	21.094	ug/l	99
41) Methacrylonitrile	5.05	41	91308	17.316	ug/l	90
42) 1,2-Dichloroethane	6.18	62	189625	21.300	ug/l	100
43) Isopropyl Acetate	6.45	43	316303	19.982	ug/l	99
44) Trichloroethene	7.20	130	142652	19.912	ug/l	99
45) 1,2-Dichloropropane	7.51	63	139323	21.332	ug/l	98
46) Dibromomethane	7.65	93	89094	20.085	ug/l	97
47) Bromodichloromethane	7.89	83	169252	20.183	ug/l	97
48) Methyl methacrylate	7.77	41	157802	20.517	ug/l	99
49) 1,4-Dioxane	7.76	88	57555	334.309	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	989333	99.358	ug/l	99
52) Toluene	8.78	92	338057	20.846	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	183126	19.185	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	213923	20.514	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	140239	21.459	ug/l	97
56) Ethyl methacrylate	9.18	69	212822	20.256	ug/l	100
57) 1,3-Dichloropropane	9.37	76	239817	21.290	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	447489	108.628	ug/l	98
59) 2-Hexanone	9.50	43	735744	94.740	ug/l	98
60) Dibromochloromethane	9.58	129	133481	19.681	ug/l	99
61) 1,2-Dibromoethane	9.67	107	141467	20.268	ug/l	99
64) Tetrachloroethene	9.33	164	131416	21.172	ug/l	96
65) Chlorobenzene	10.14	112	360244	20.847	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	134110	21.612	ug/l	99
67) Ethyl Benzene	10.25	91	638454	21.501	ug/l	99
68) m/p-Xylenes	10.36	106	476289	41.894	ug/l	99
69) o-Xylene	10.70	106	236105	21.294	ug/l	99
70) Styrene	10.71	104	394775	21.165	ug/l	99
71) Bromoform	10.85	173	95509	18.602	ug/l	98
73) Isopropylbenzene	11.01	105	630360	21.681	ug/l	99
74) N-amyl acetate	10.90	43	277599	20.843	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	224009	22.217	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	183832m	19.720	ug/l	
77) Bromobenzene	11.25	156	162218	20.653	ug/l	98
78) n-propylbenzene	11.35	91	688107	21.202	ug/l	100
79) 2-Chlorotoluene	11.42	91	418942	21.518	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	525671	22.060	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	61411	18.022	ug/l	92
82) 4-Chlorotoluene	11.51	91	476696	21.140	ug/l	98
83) tert-Butylbenzene	11.77	119	528755	21.834	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	525513	21.730	ug/l	99
85) sec-Butylbenzene	11.94	105	606541	21.928	ug/l	100
86) p-Isopropyltoluene	12.06	119	554669	21.555	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	284345	20.768	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	282470	20.255	ug/l	98
89) n-Butylbenzene	12.39	91	457928	20.865	ug/l	99
90) Hexachloroethane	12.59	117	94737	20.368	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	294430	21.765	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	40077	18.253	ug/l	98

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ClientSampleId :
VX1212WBS01

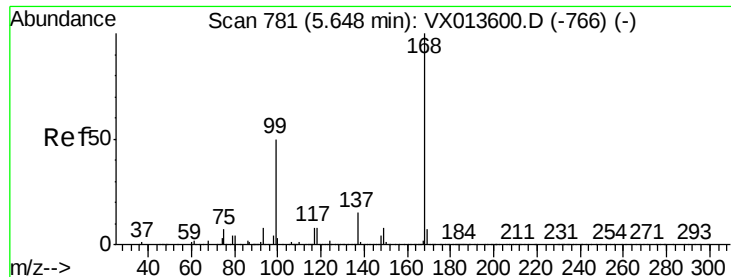
Manual Integrations
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Quant Time: Dec 13 03:01:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	184327	19.551	ug/l	98
94) Hexachlorobutadiene	13.78	225	96086	21.216	ug/l	99
95) Naphthalene	13.83	128	547850	19.513	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	188691	20.214	ug/l	99

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



#1

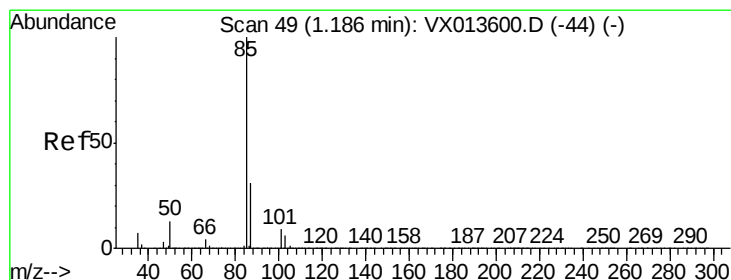
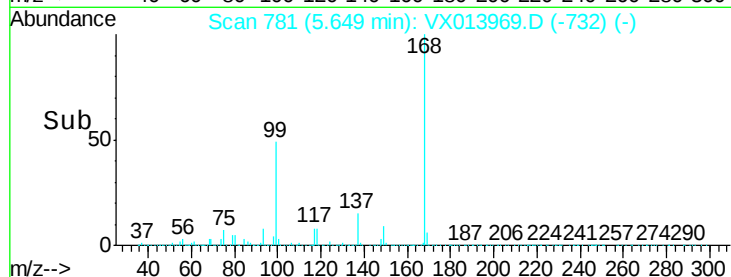
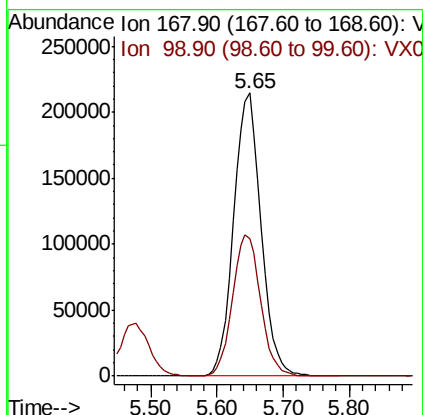
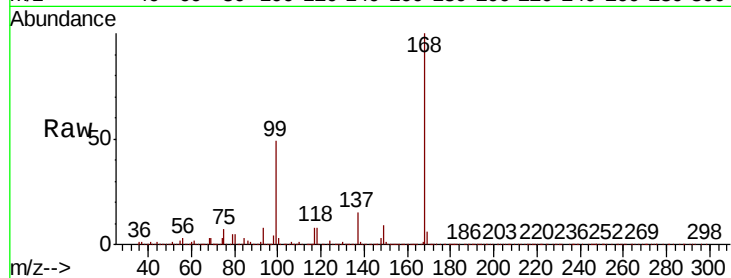
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. 0.00 min
 Lab File: VX013969.D
 Acq: 12 Dec 2019 12:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS01

Tot Ion	Ratio	Lower	Upper
168	100		
99	48.5	39.8	59.8

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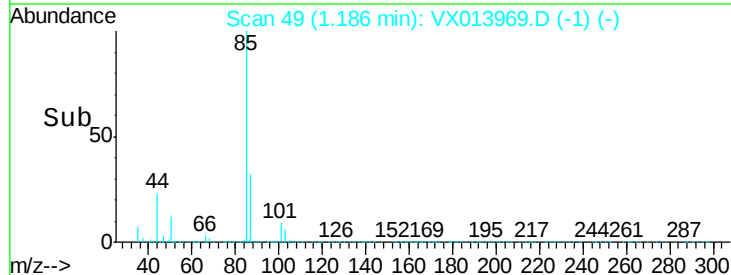
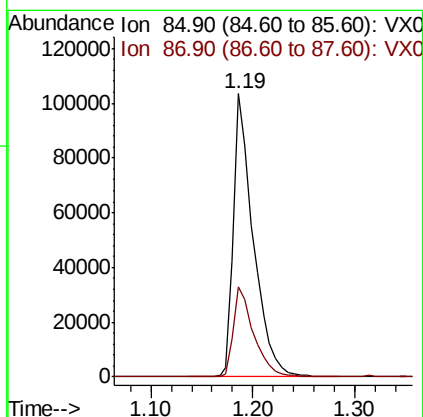
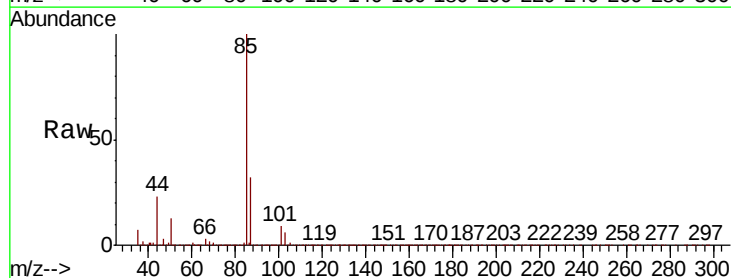
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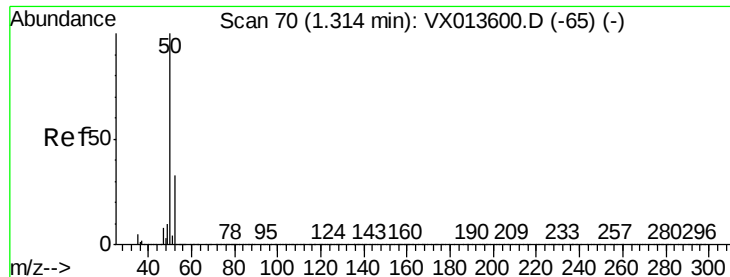


#2

Dichlorodifluoromethane
 Concen: 20.148 ug/l
 RT: 1.19 min Scan# 49
 Delta R.T. 0.00 min
 Lab File: VX013969.D
 Acq: 12 Dec 2019 12:16

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.9	15.7	47.1





#3

Chloromethane

Concen: 19.591 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX013969.D

Acq: 12 Dec 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS01

Tot Ion: 50 Resp: 150684

Ion Ratio Lower Upper

50 100

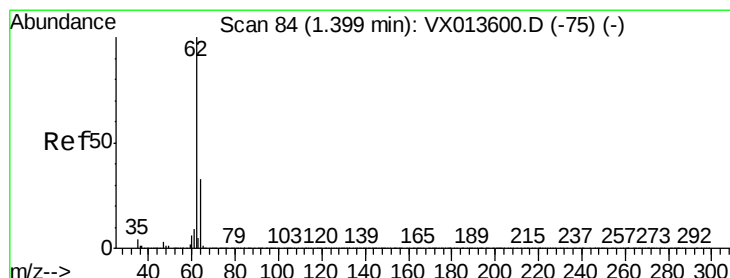
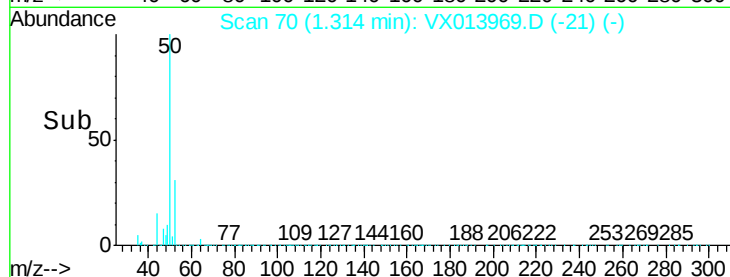
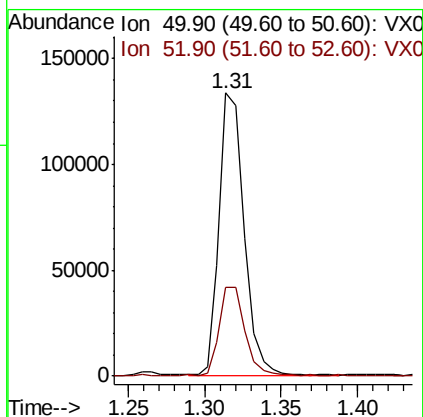
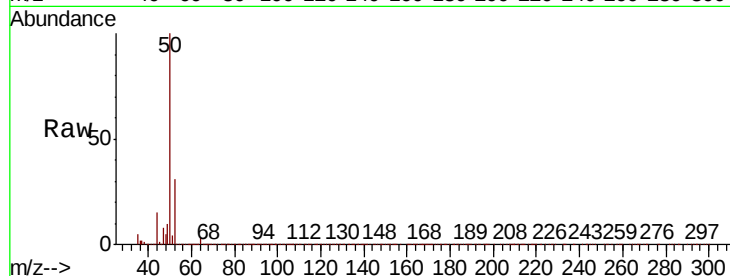
52 31.0 26.0 39.0

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#4

Vinyl Chloride

Concen: 19.293 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013969.D

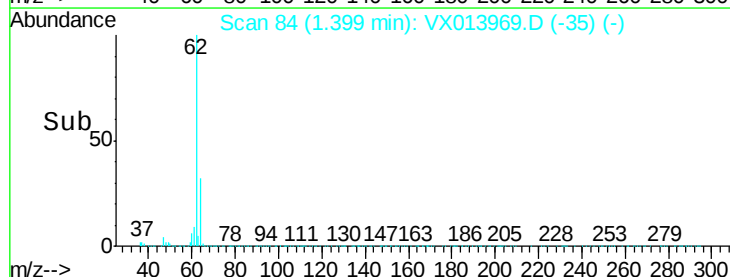
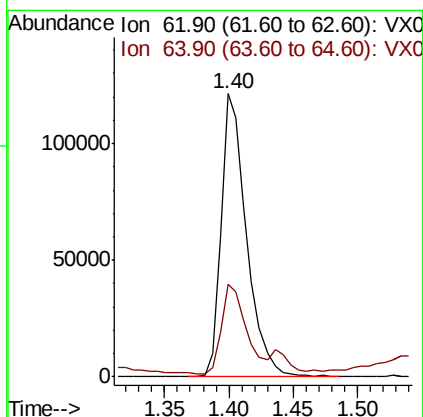
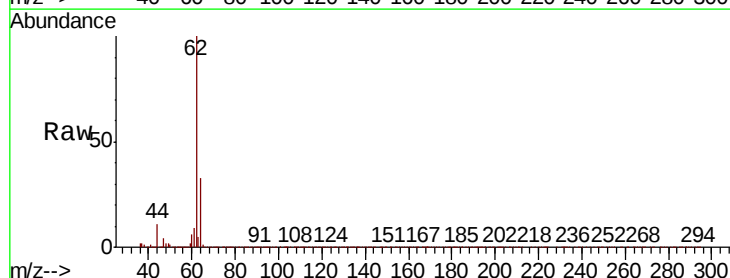
Acq: 12 Dec 2019 12:16

Tgt Ion: 62 Resp: 167019

Ion Ratio Lower Upper

62 100

64 31.3 26.0 39.0





#5

Bromomethane

Concen: 17.914 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.01 min

Lab File: VX013969.D

Acq: 12 Dec 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS01

Tot Ion: 94 Resp: 104146

Ion Ratio Lower Upper

94 100

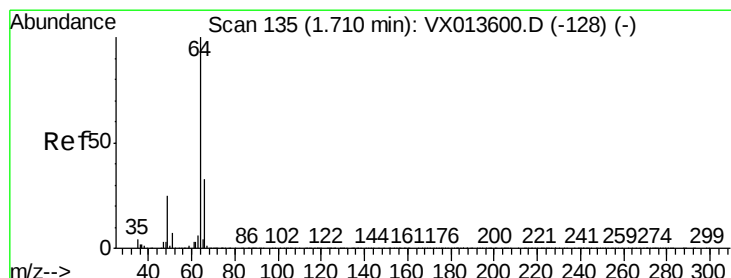
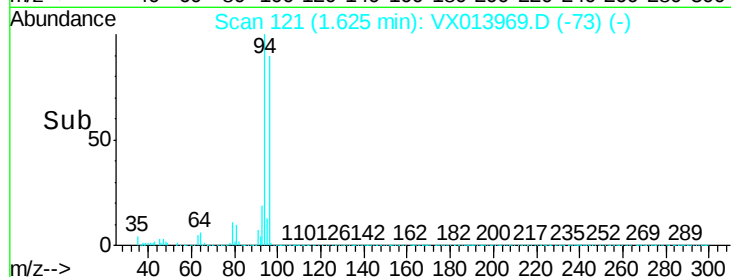
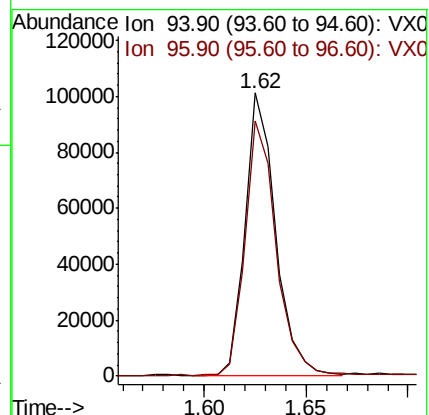
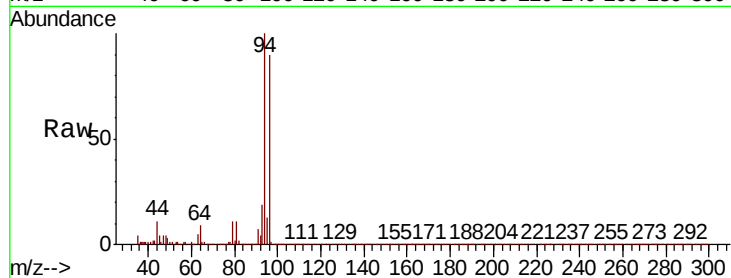
96 90.0 77.0 115.4

Manual Integrations

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#6

Chloroethane

Concen: 18.317 ug/l

RT: 1.70 min Scan# 133

Delta R.T. -0.01 min

Lab File: VX013969.D

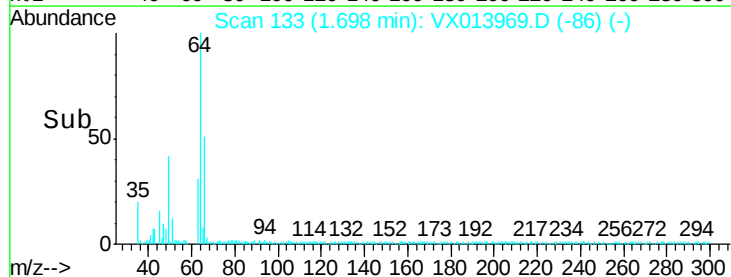
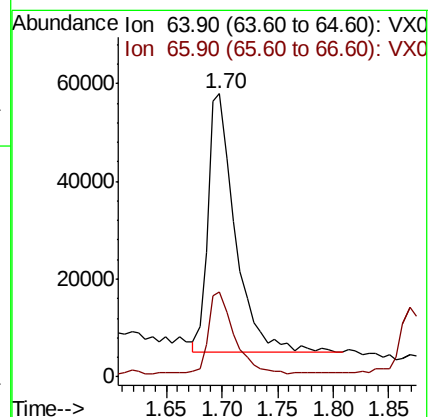
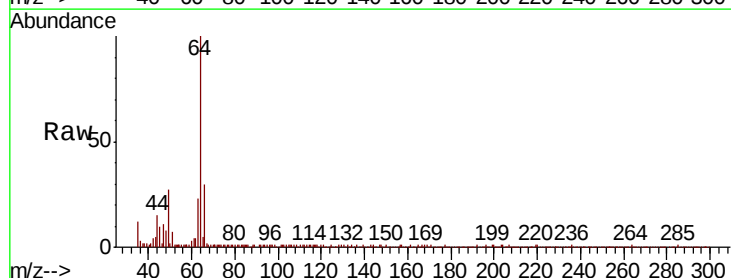
Acq: 12 Dec 2019 12:16

Tgt Ion: 64 Resp: 90231

Ion Ratio Lower Upper

64 100

66 31.4 26.7 40.1





#7

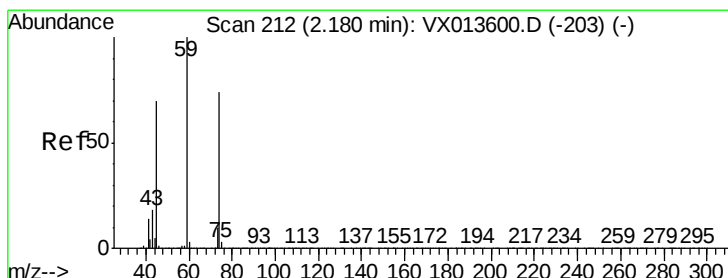
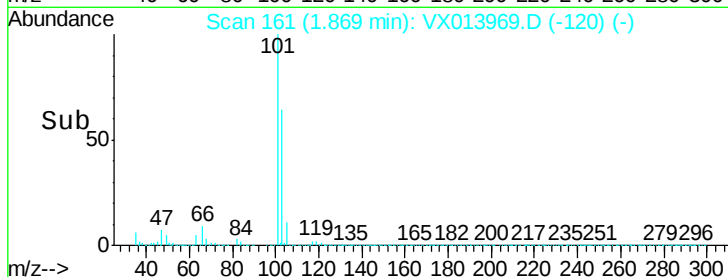
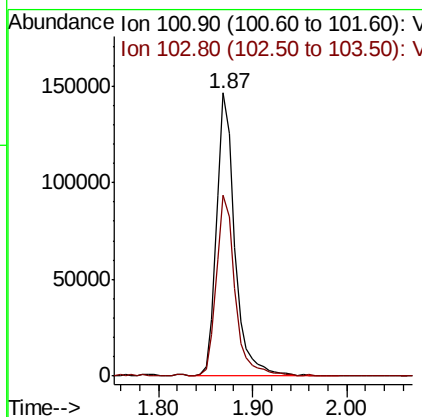
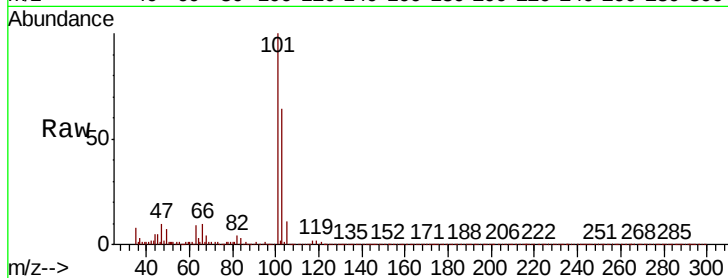
Trichlorofluoromethane
Concen: 20.446 ug/l
RT: 1.87 min Scan# 161
Delta R.T. -0.05 min
Lab File: VX013969.D
Acq: 12 Dec 2019 12:16

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.8	51.8	77.6

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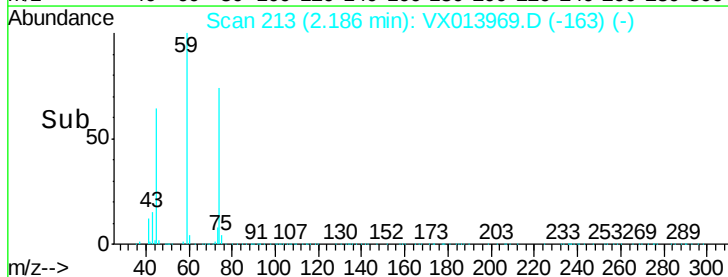
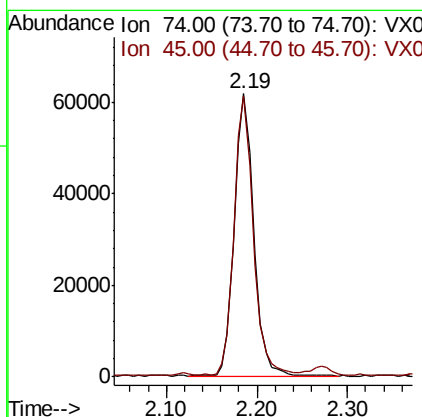
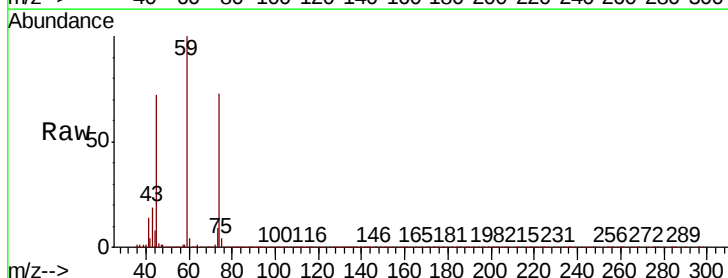
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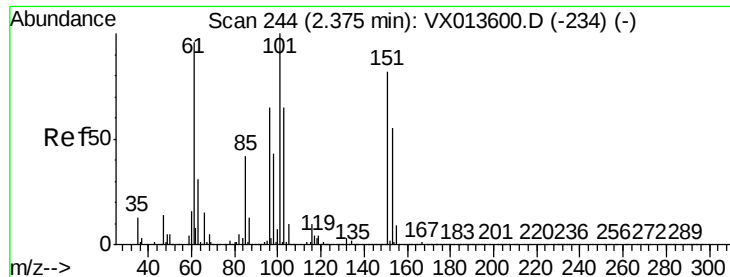


#8

Diethyl Ether
Concen: 21.148 ug/l
RT: 2.19 min Scan# 213
Delta R.T. 0.01 min
Lab File: VX013969.D
Acq: 12 Dec 2019 12:16

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.5	48.9	146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.055 ug/l

RT: 2.34 min Scan# 238

Delta R.T. -0.04 min

Lab File: VX013969.D

Acq: 12 Dec 2019 12:16

Instrument :

MSVOA_X

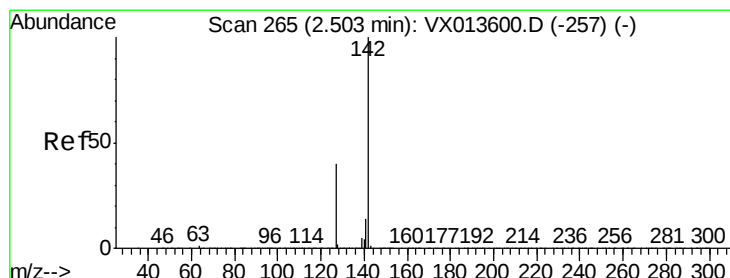
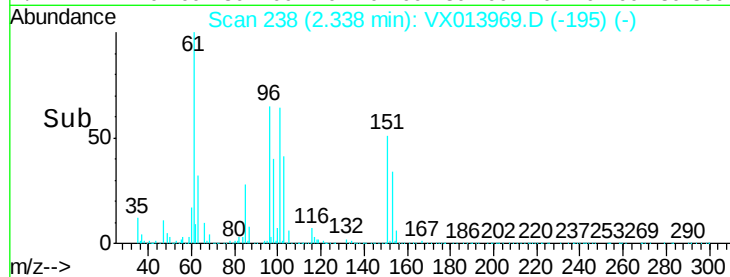
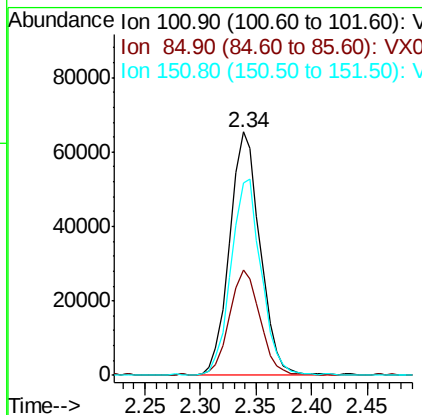
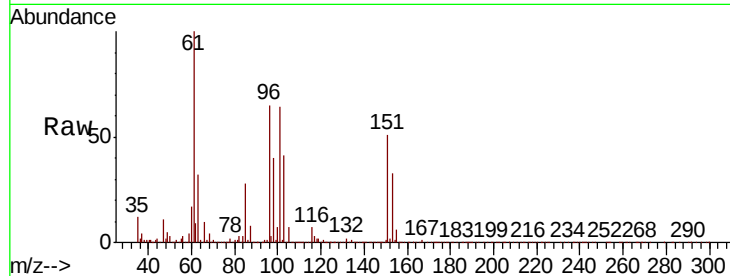
ClientSampleId :

VX1212WBS01

Tot Ion:	101	Resp:	123624
Ion Ratio	Lower	Upper	
101	100		
85	43.9	33.9	50.9
151	80.1	64.2	96.2

Manual Integrations
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#10

Methyl Iodide

Concen: 17.986 ug/l

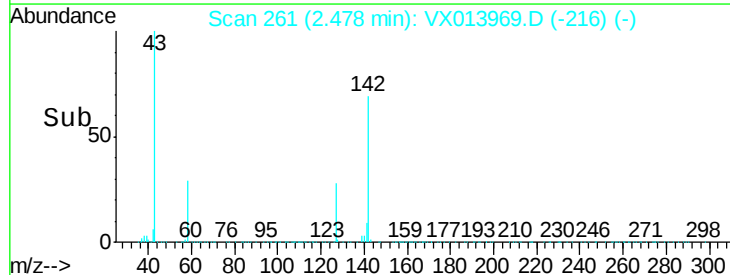
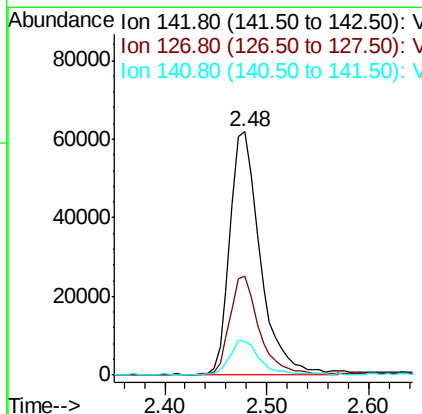
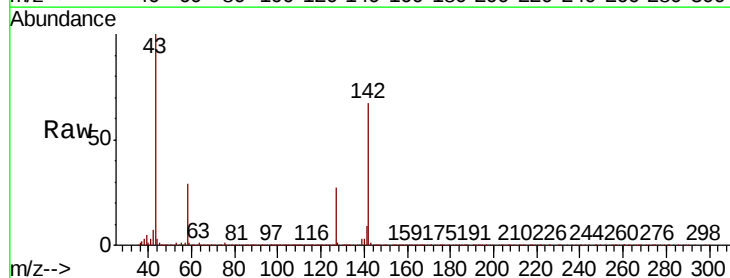
RT: 2.48 min Scan# 261

Delta R.T. -0.02 min

Lab File: VX013969.D

Acq: 12 Dec 2019 12:16

Tgt Ion:	142	Resp:	127745
Ion Ratio	Lower	Upper	
142	100		
127	39.8	31.0	46.4
141	14.1	11.6	17.4





#11

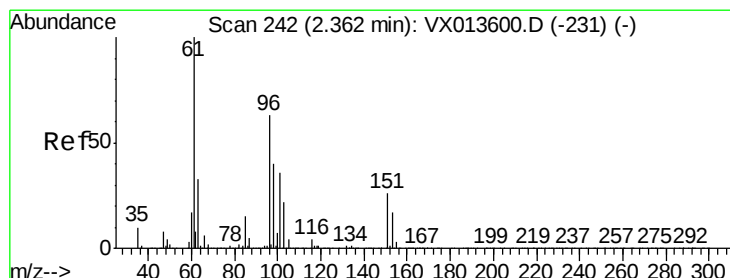
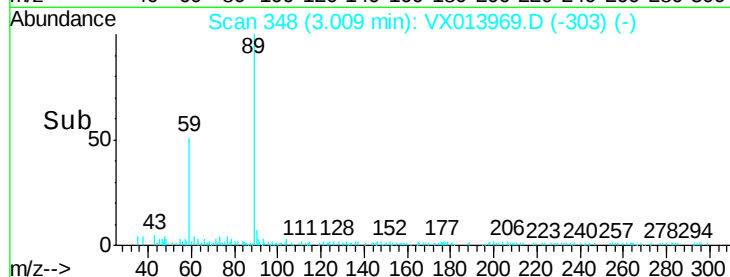
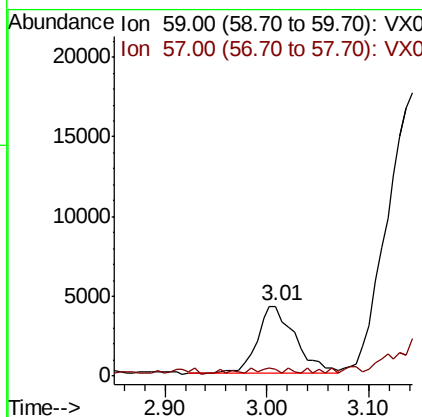
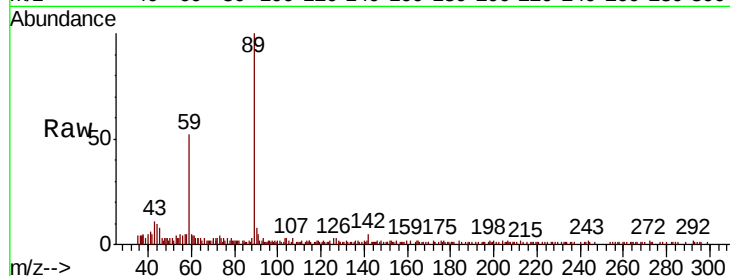
Tert butyl alcohol
Concen: 6.191 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.02 min
Lab File: VX013969.D
Acq: 12 Dec 2019 12:16

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

Tot Ion: 59 Resp: 10923
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

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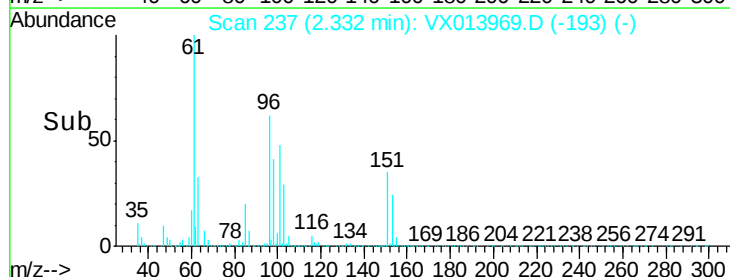
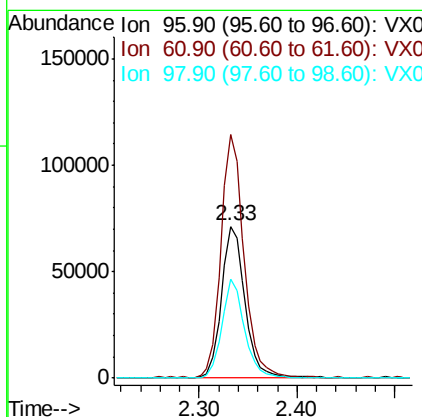
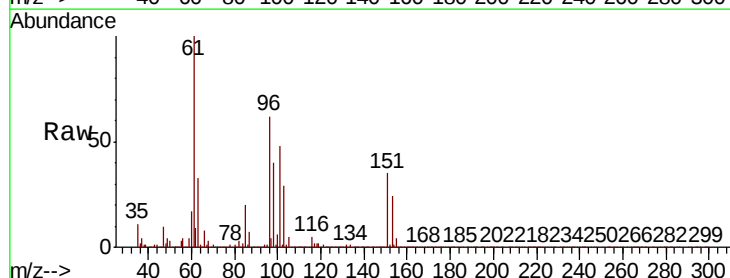
apatel
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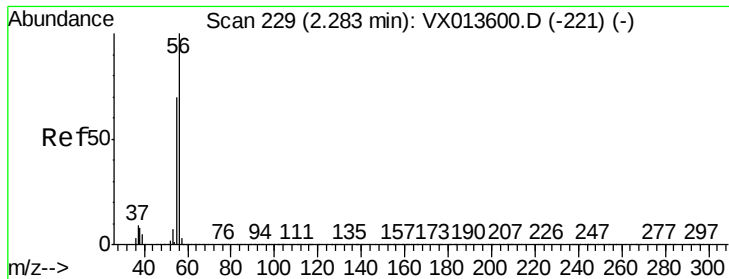


#12

1,1-Dichloroethene
Concen: 20.051 ug/l
RT: 2.33 min Scan# 237
Delta R.T. -0.03 min
Lab File: VX013969.D
Acq: 12 Dec 2019 12:16

Tgt Ion: 96 Resp: 117514
Ion Ratio Lower Upper
96 100
61 160.8 126.6 190.0
98 64.9 50.6 76.0





#13

Acrolein

Concen: 77.744 ug/l

RT: 2.30 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX013969.D

Acq: 12 Dec 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS01

Tot Ion: 56 Resp: 86739

Ion Ratio Lower Upper

56 100

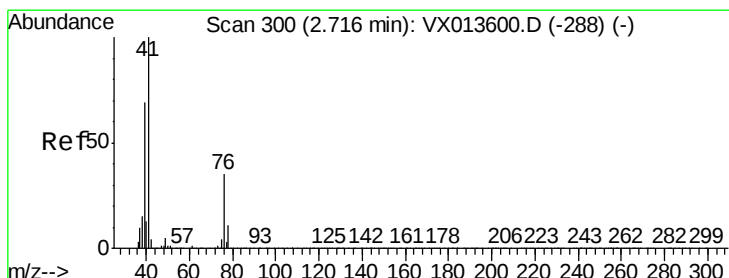
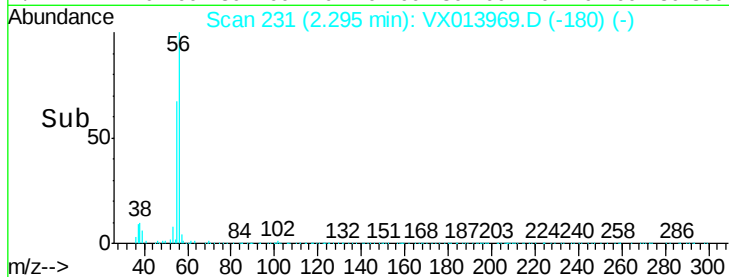
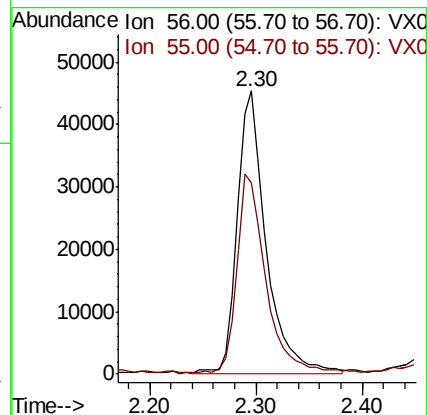
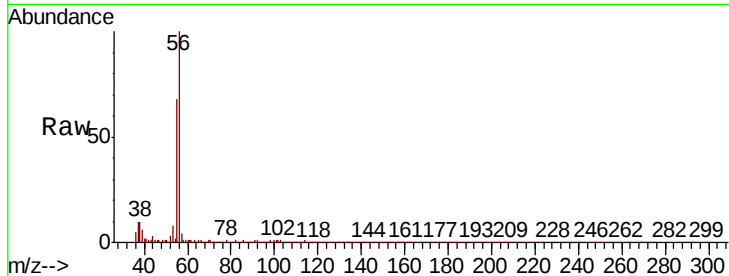
55 69.1 56.2 84.4

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#14

Allyl chloride

Concen: 18.704 ug/l

RT: 2.70 min Scan# 297

Delta R.T. -0.02 min

Lab File: VX013969.D

Acq: 12 Dec 2019 12:16

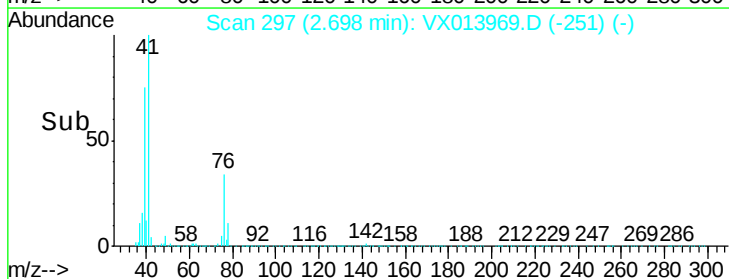
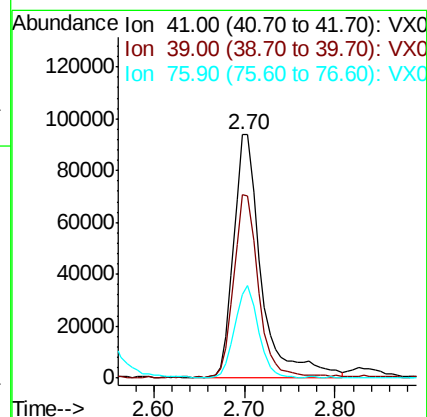
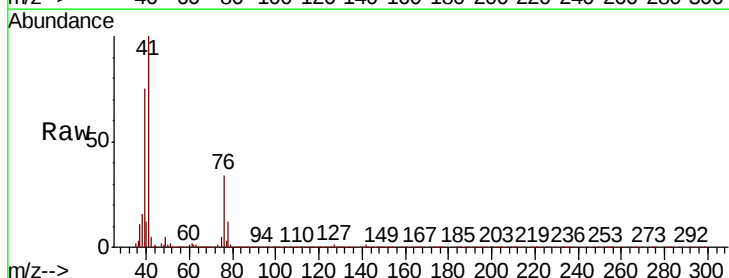
Tgt Ion: 41 Resp: 198934

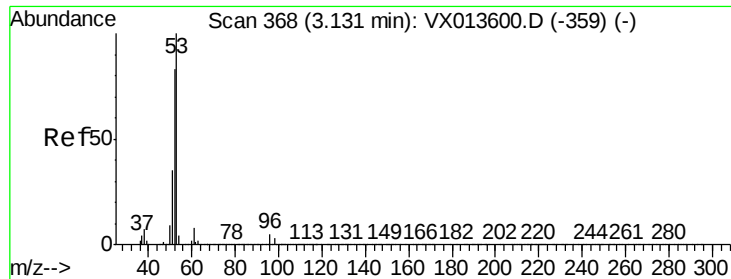
Ion Ratio Lower Upper

41 100

39 67.6 51.7 77.5

76 31.7 25.9 38.9





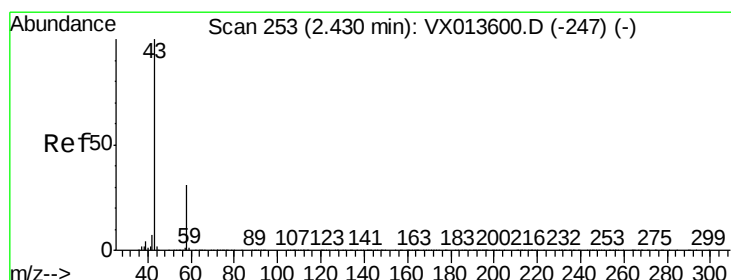
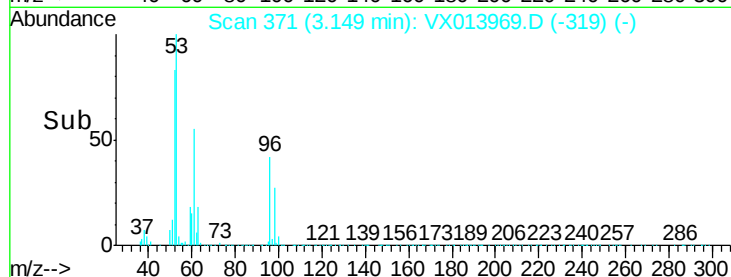
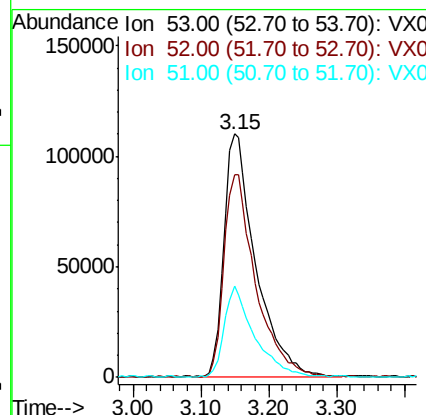
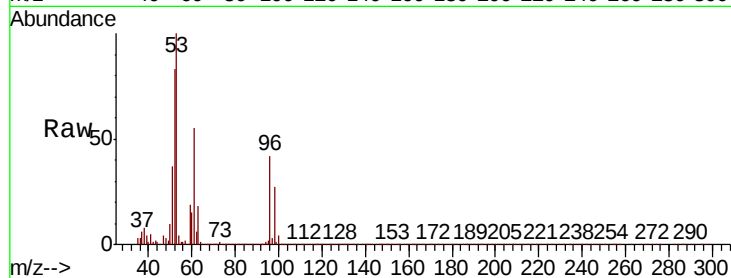
#15
 Acrylonitrile
 Concen: 97.405 ug/l
 RT: 3.15 min Scan# 371
 Delta R.T. 0.02 min
 Lab File: VX013969.D
 Acq: 12 Dec 2019 12:16

Instrument :
 MSVOA_X
 ClientSampleID :
 VX1212WBS01

Tot Ion:	53	Resp:	354767
Ion Ratio	Lower	Upper	
53	100		
52	83.6	66.2	99.2
51	35.5	29.0	43.6

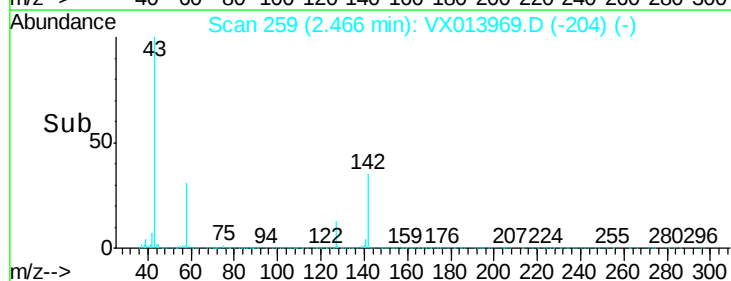
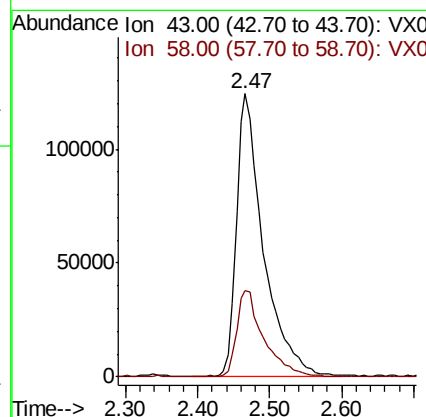
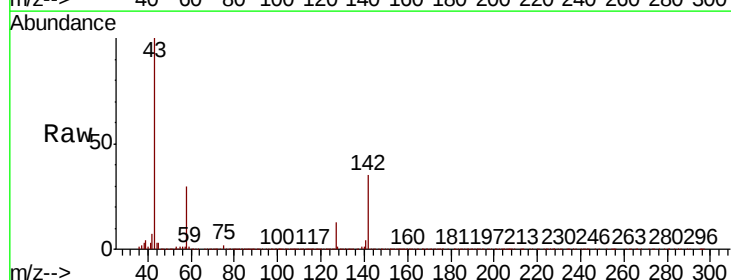
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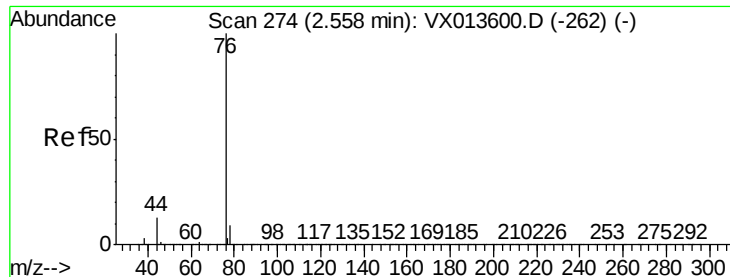
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#16
 Acetone
 Concen: 91.218 ug/l
 RT: 2.47 min Scan# 259
 Delta R.T. 0.04 min
 Lab File: VX013969.D
 Acq: 12 Dec 2019 12:16

Tgt Ion:	43	Resp:	321935
Ion Ratio	Lower	Upper	
43	100		
58	30.4	24.6	36.8





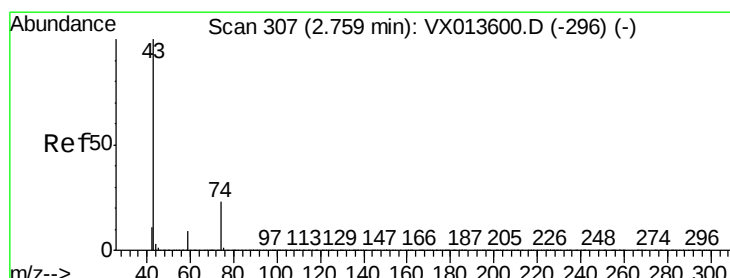
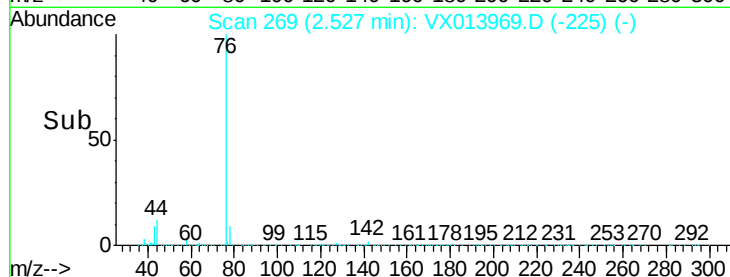
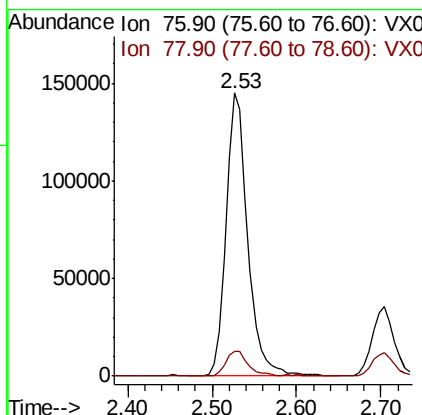
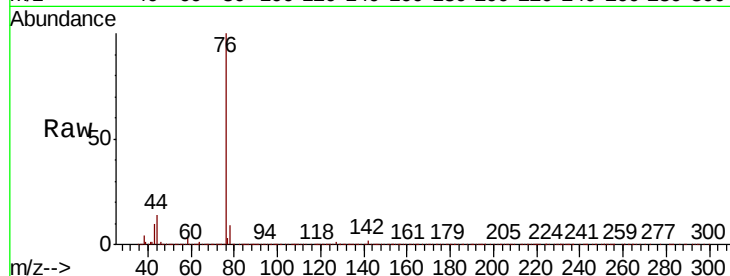
#17
Carbon Disulfide
Concen: 15.210 ug/l
RT: 2.53 min Scan# 269
Delta R.T. -0.03 min
Lab File: VX013969.D
Acq: 12 Dec 2019 12:16

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.2	10.8

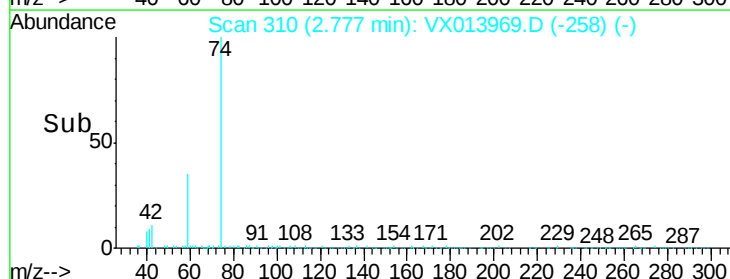
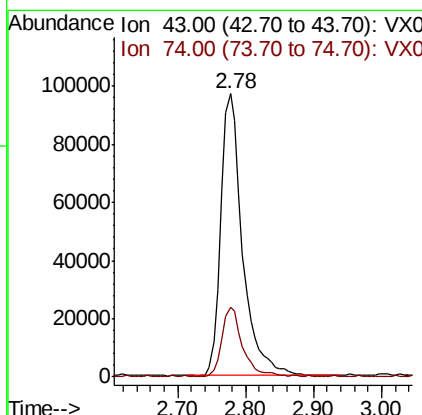
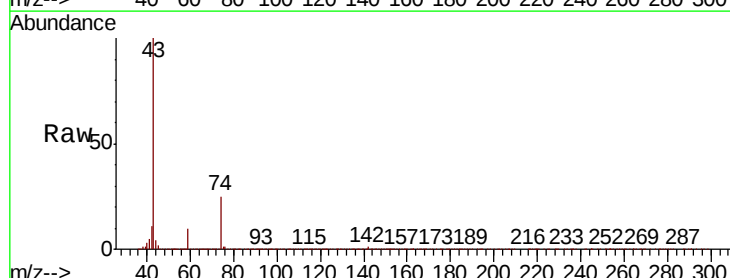
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#18
Methyl Acetate
Concen: 21.841 ug/l
RT: 2.78 min Scan# 310
Delta R.T. 0.02 min
Lab File: VX013969.D
Acq: 12 Dec 2019 12:16

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.7	19.5	29.3





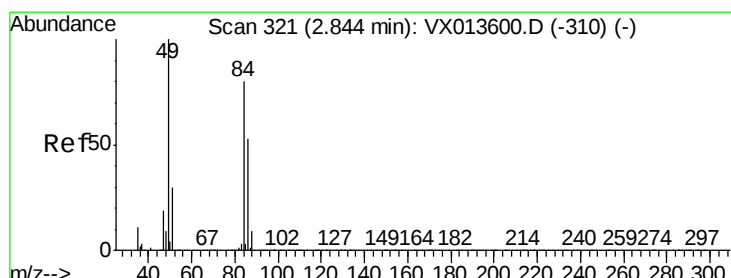
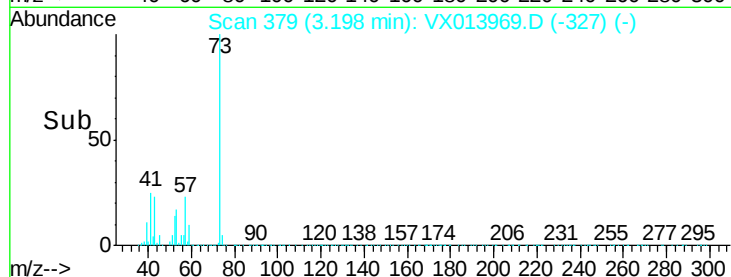
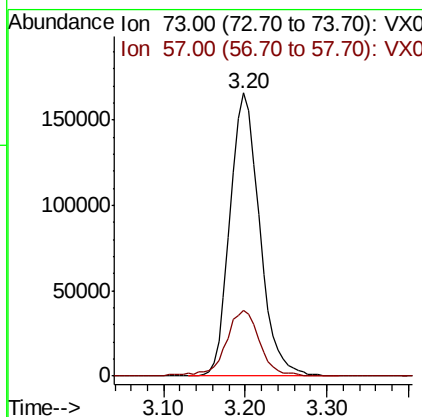
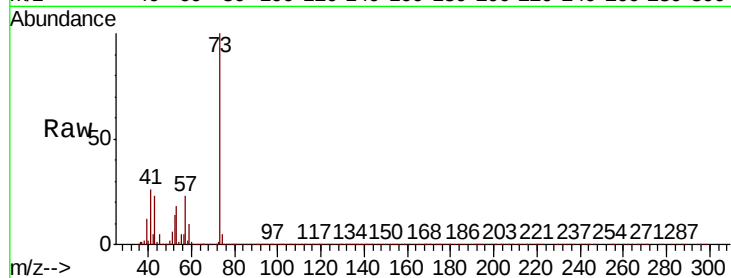
#19
Methvl tert-butvl Ether
Concen: 21.428 ug/l
RT: 3.20 min Scan# 379
Delta R.T. 0.02 min
Lab File: VX013969.D
Acq: 12 Dec 2019 12:16

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.0	18.3	27.5

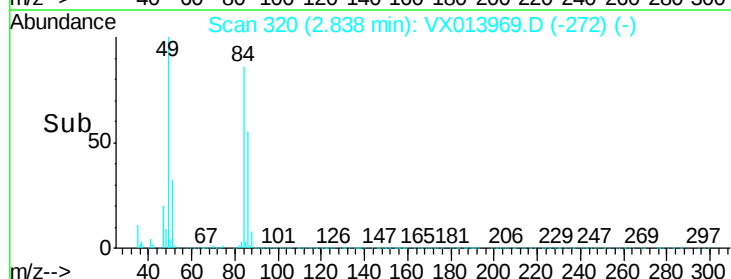
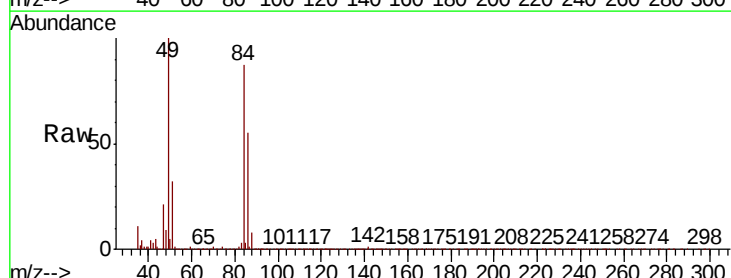
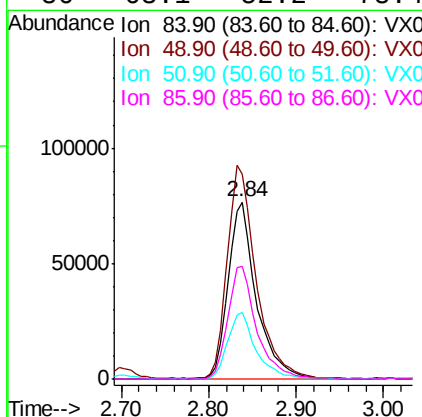
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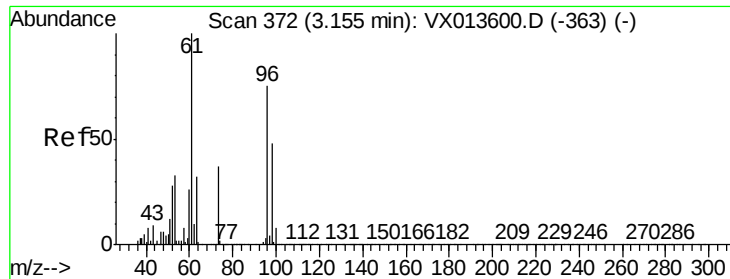
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#20
Methylene Chloride
Concen: 25.427 ug/l
RT: 2.84 min Scan# 320
Delta R.T. -0.01 min
Lab File: VX013969.D
Acq: 12 Dec 2019 12:16

Tgt Ion	Ratio	Lower	Upper
84	100		
49	115.2	99.7	149.5
51	36.9	29.9	44.9
86	63.1	52.2	78.4





#21

trans-1,2-Dichloroethene

Concen: 19.592 ug/l

RT: 3.14 min Scan# 369

Delta R.T. -0.02 min

Lab File: VX013969.D

Acq: 12 Dec 2019 12:16

Instrument :

MSVOA_X

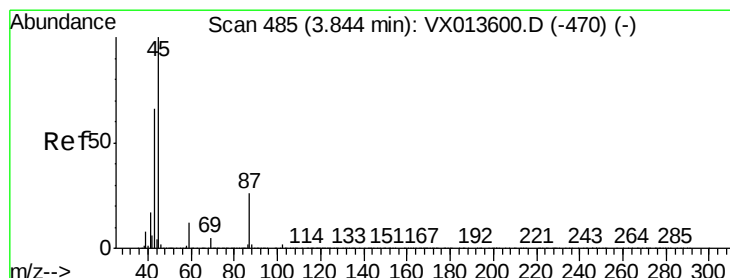
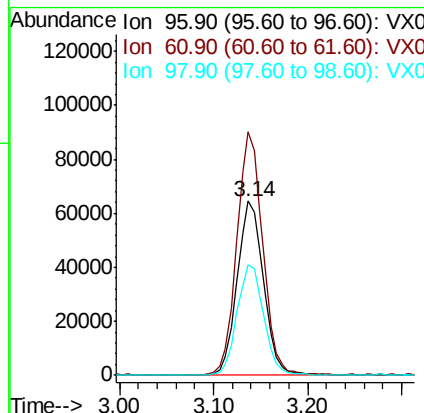
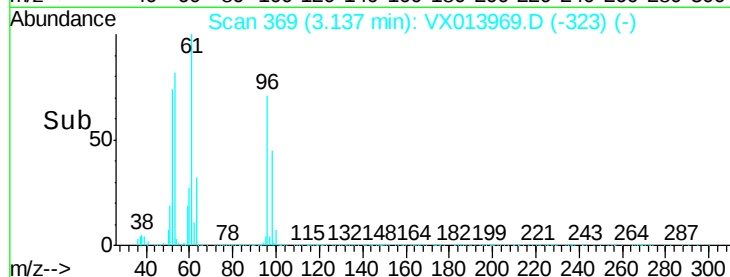
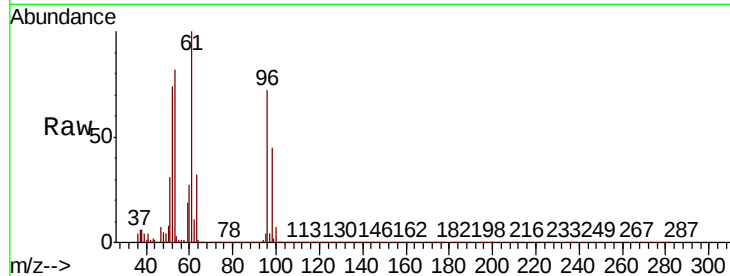
ClientSampleId :

VX1212WBS01

Tot Ion:	96	Resp:	125085
Ion Ratio	Lower	Upper	
96	100		
61	139.8	107.2	160.8
98	63.1	51.4	77.0

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#22

Diisopropyl ether

Concen: 22.715 ug/l

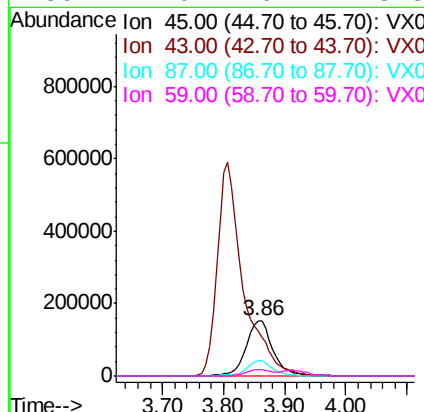
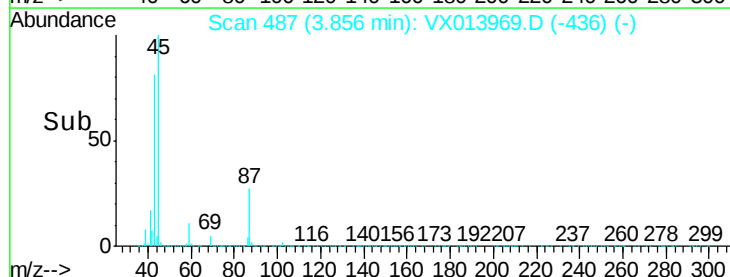
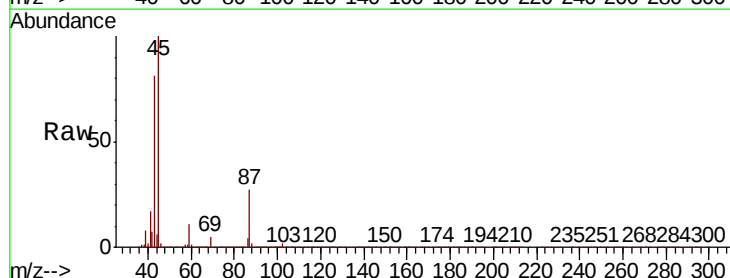
RT: 3.86 min Scan# 487

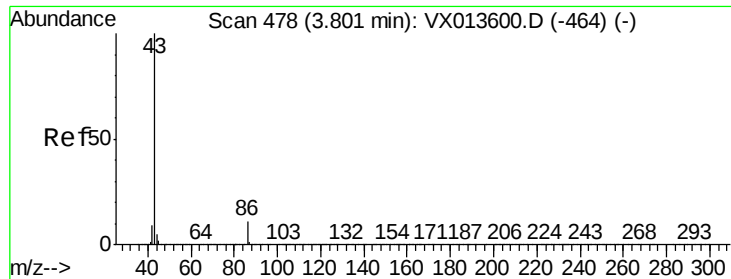
Delta R.T. 0.01 min

Lab File: VX013969.D

Acq: 12 Dec 2019 12:16

Tgt Ion:	45	Resp:	465186
Ion Ratio	Lower	Upper	
45	100		
43	80.6	52.6	79.0#
87	27.1	21.1	31.7
59	11.0	9.2	13.8





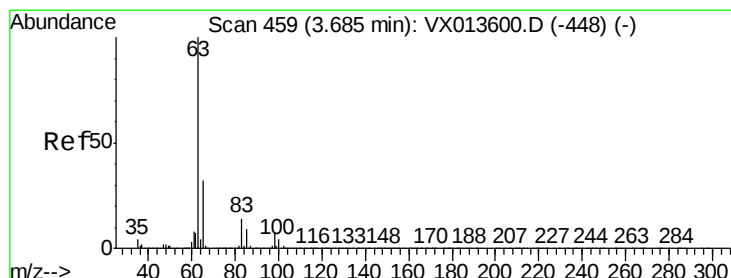
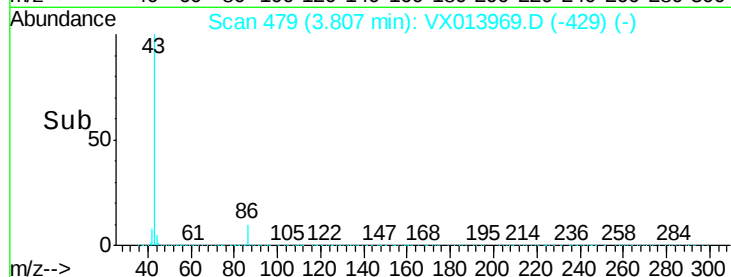
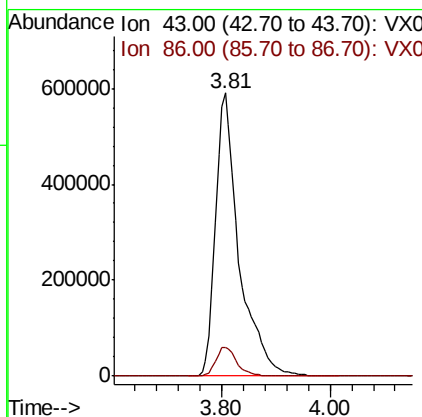
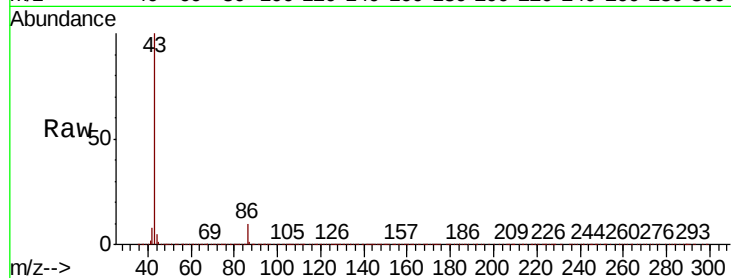
#23
 Vinyl Acetate
 Concen: 103.687 ug/l
 RT: 3.81 min Scan# 479
 Delta R.T. 0.01 min
 Lab File: VX013969.D
 Acq: 12 Dec 2019 12:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS01

Tot Ion: 43 Resp: 1766506
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.7 13.1

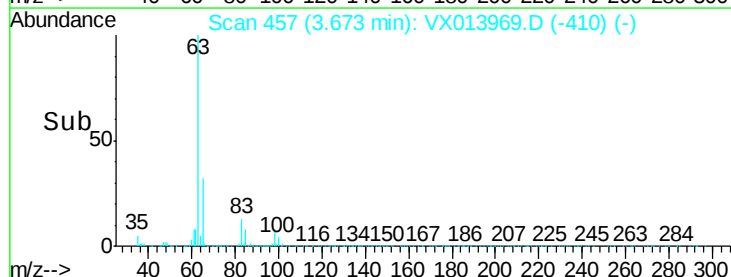
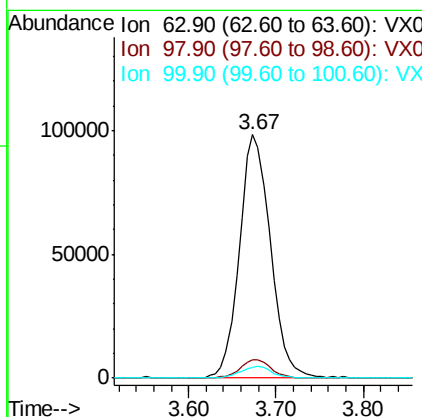
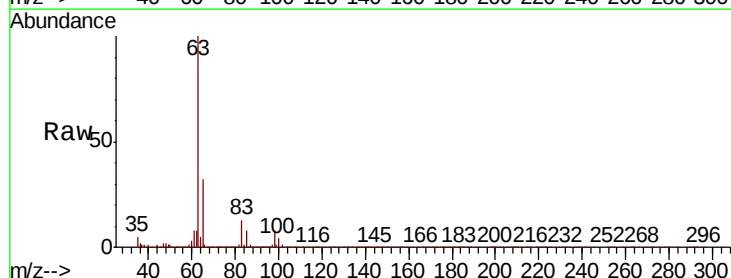
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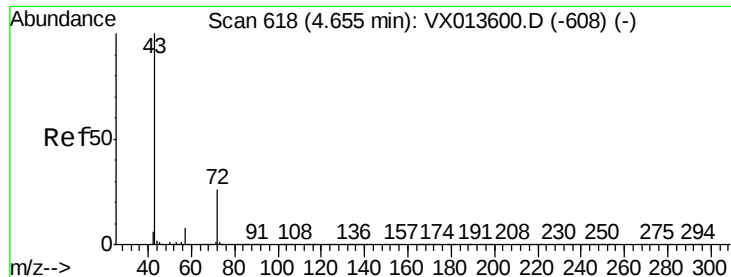
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#24
 1,1-Dichloroethane
 Concen: 21.648 ug/l
 RT: 3.67 min Scan# 457
 Delta R.T. -0.01 min
 Lab File: VX013969.D
 Acq: 12 Dec 2019 12:16

Tgt Ion: 63 Resp: 242363
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.5 10.4
 100 4.1 2.1 6.3





#25

2-Butanone

Concen: 91.519 ug/l

RT: 4.69 min Scan# 623

Delta R.T. 0.03 min

Lab File: VX013969.D

Acq: 12 Dec 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS01

Tot Ion: 43 Resp: 480034

Ion Ratio Lower Upper

43 100

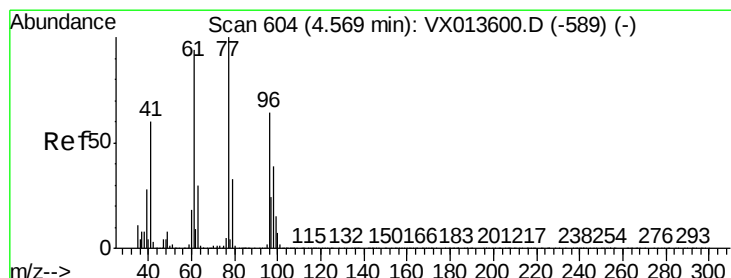
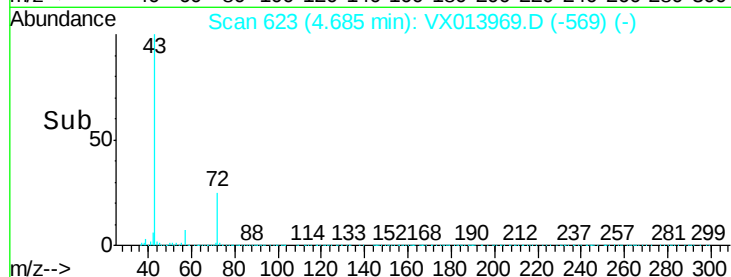
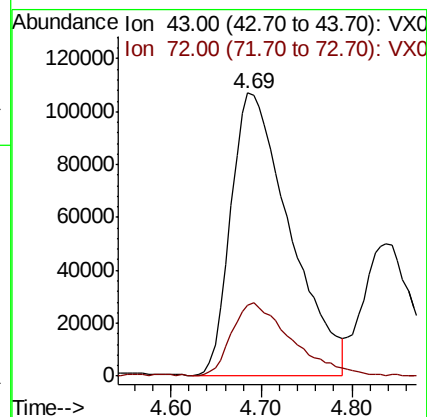
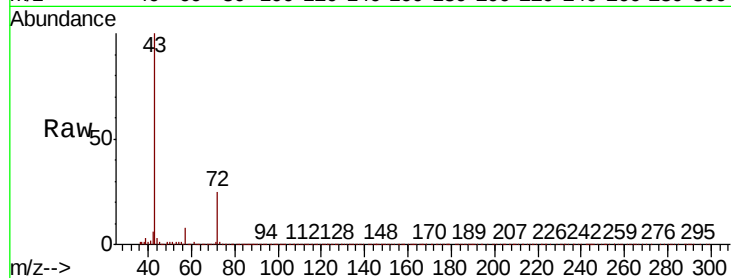
72 25.2 20.6 31.0

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#26

2,2-Dichloropropane

Concen: 20.472 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX013969.D

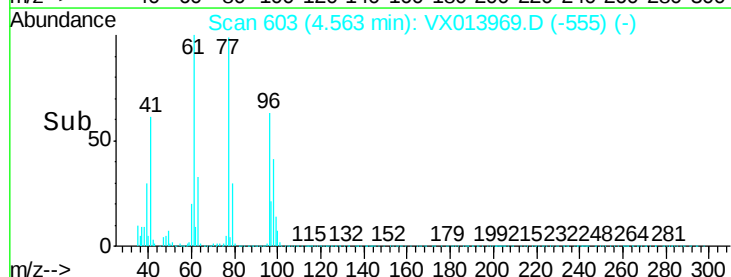
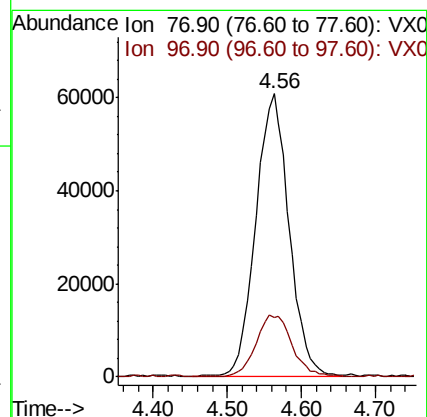
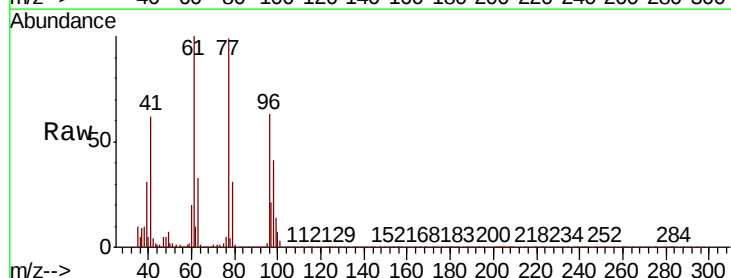
Acq: 12 Dec 2019 12:16

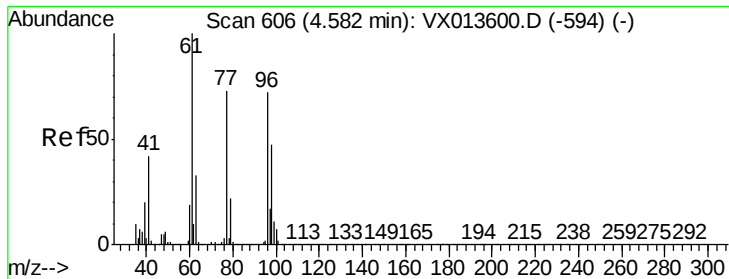
Tgt Ion: 77 Resp: 189626

Ion Ratio Lower Upper

77 100

97 23.6 12.0 36.1





#27

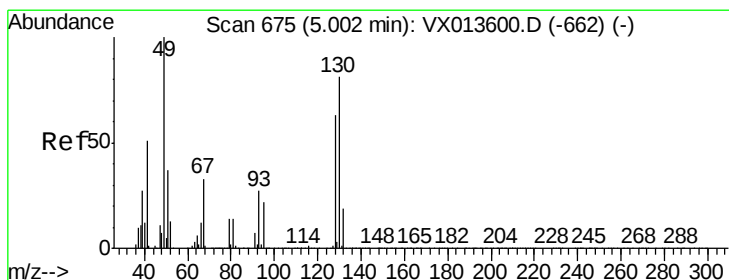
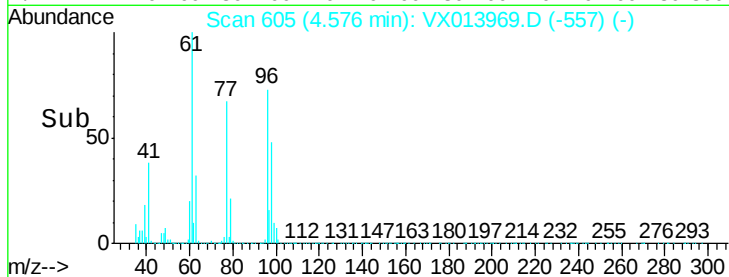
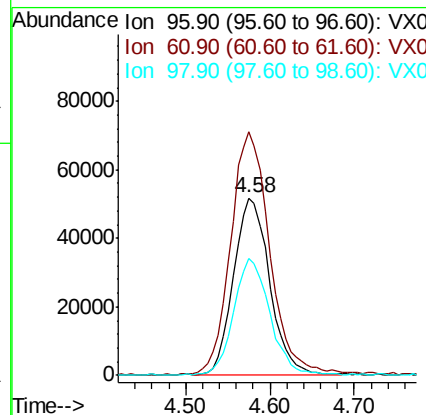
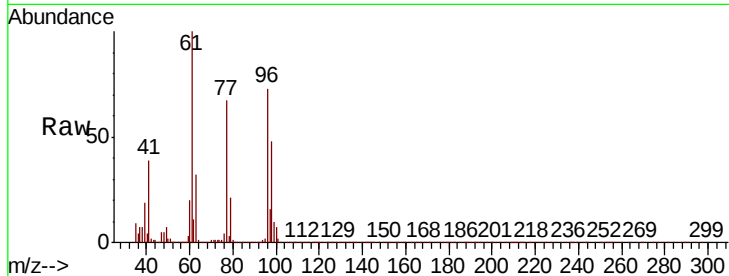
cis-1,2-Dichloroethene
Concen: 20.462 ug/l
RT: 4.58 min Scan# 605
Delta R.T. -0.01 min
Lab File: VX013969.D
Acq: 12 Dec 2019 12:16

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	150.7	0.0	286.4	
98	66.5	0.0	127.4	

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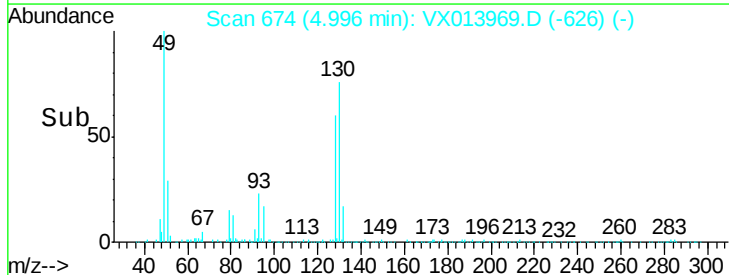
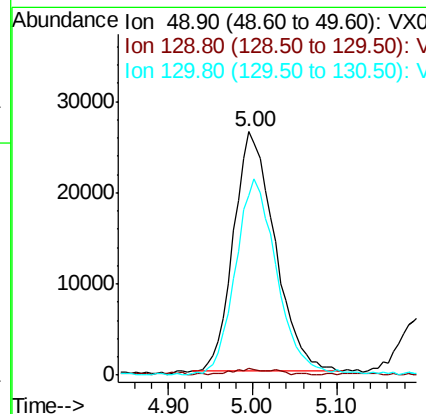
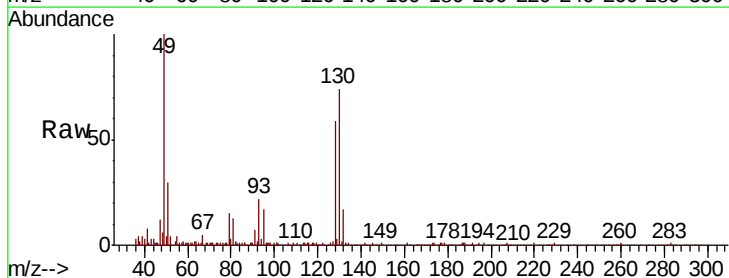
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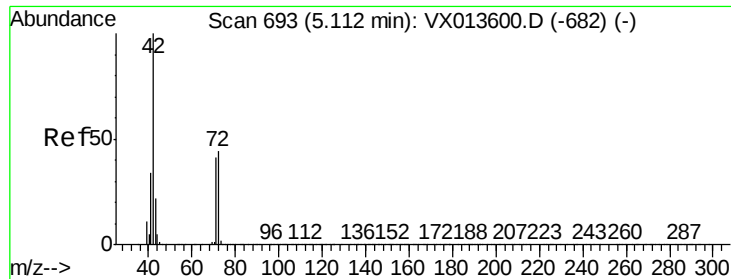


#28

Bromochloromethane
Concen: 19.836 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX013969.D
Acq: 12 Dec 2019 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.8	0.0	5.0	
130	82.4	65.4	98.0	





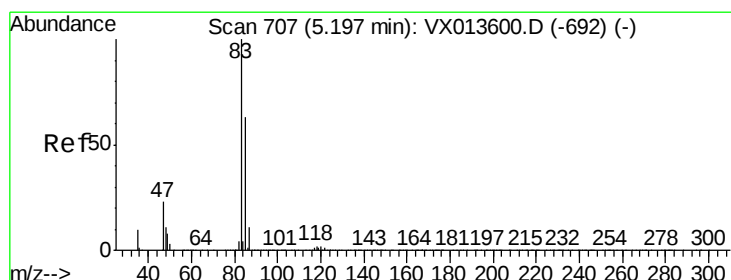
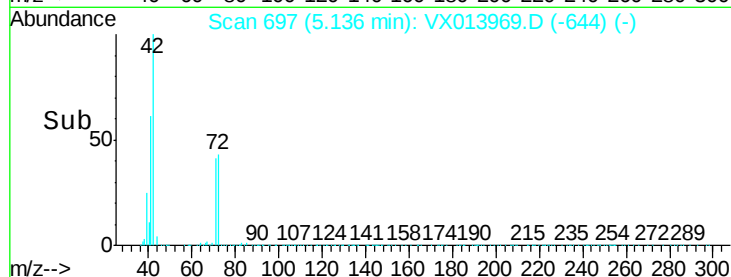
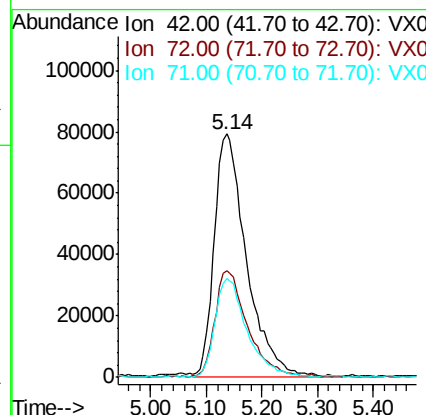
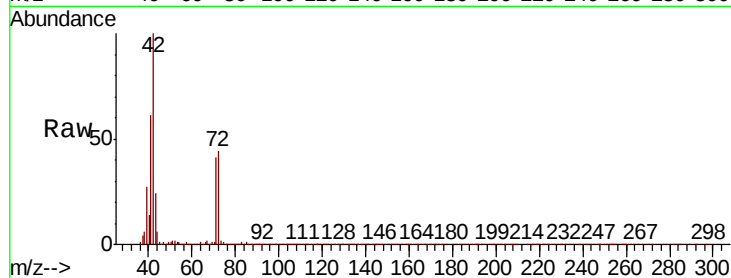
#29
Tetrahydrofuran
Concen: 98.118 ug/l
RT: 5.14 min Scan# 697
Delta R.T. 0.02 min
Lab File: VX013969.D
Acq: 12 Dec 2019 12:16

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.9	36.3	54.5
71	40.3	33.2	49.8

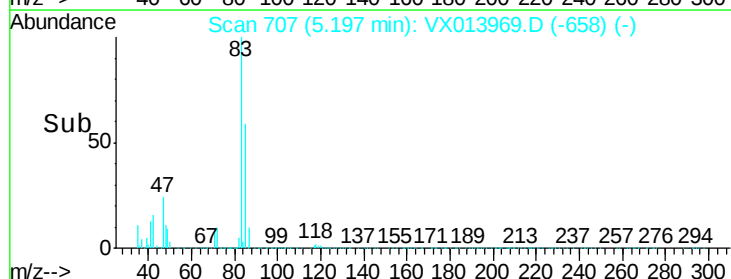
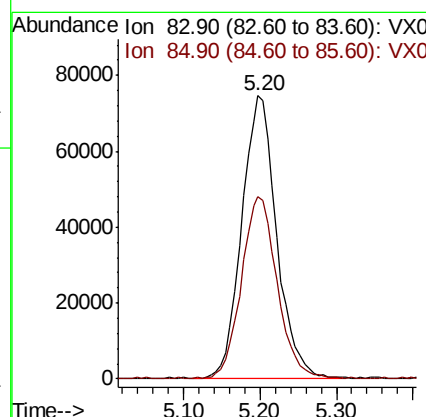
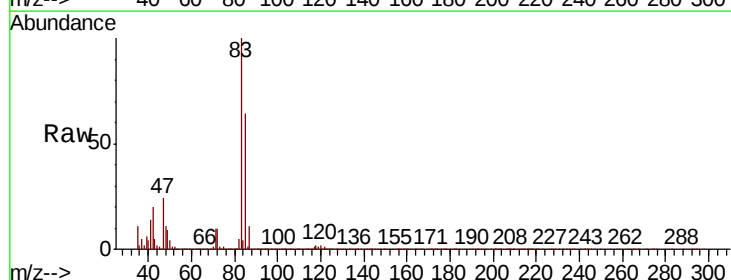
Manual Integrations
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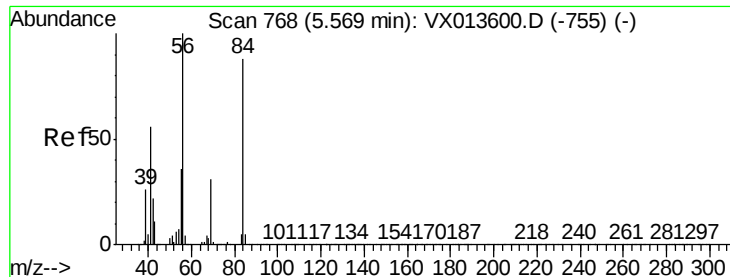
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#30
Chloroform
Concen: 20.619 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX013969.D
Acq: 12 Dec 2019 12:16

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	50.2	75.4





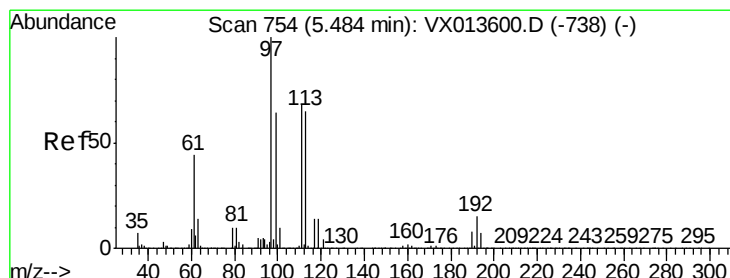
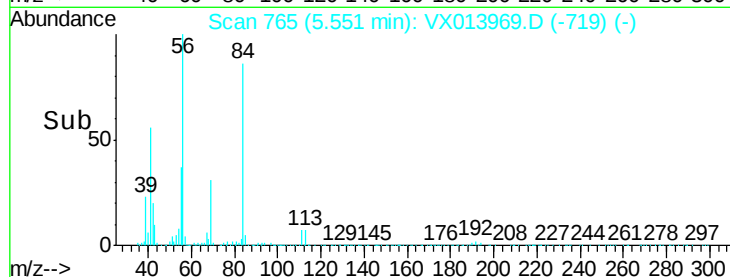
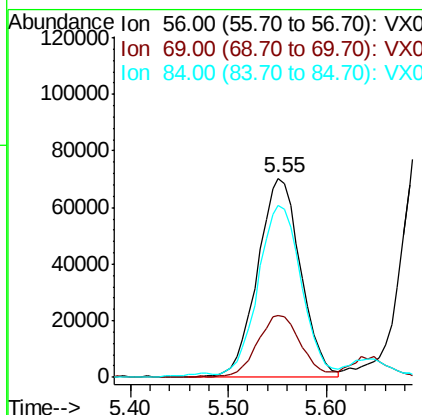
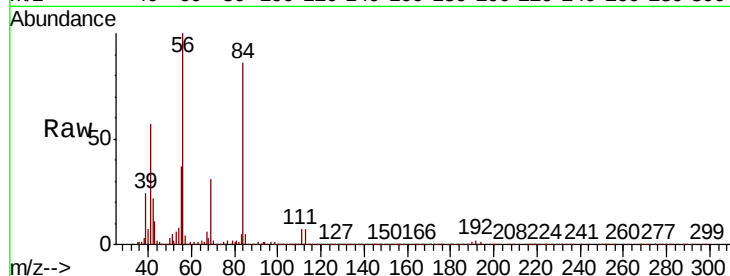
#31
Cyclohexane
Concen: 20.454 ug/l
RT: 5.55 min Scan# 765
Delta R.T. -0.02 min
Lab File: VX013969.D
Acq: 12 Dec 2019 12:16

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.9	24.6	36.8
84	84.7	70.0	105.0

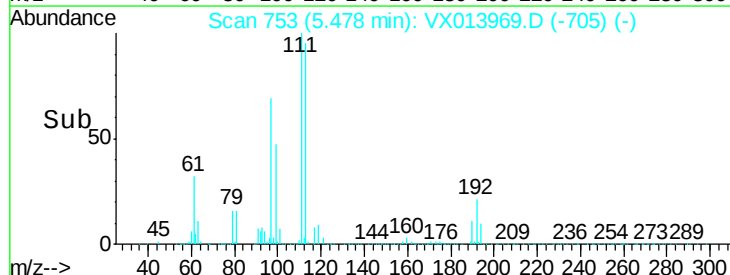
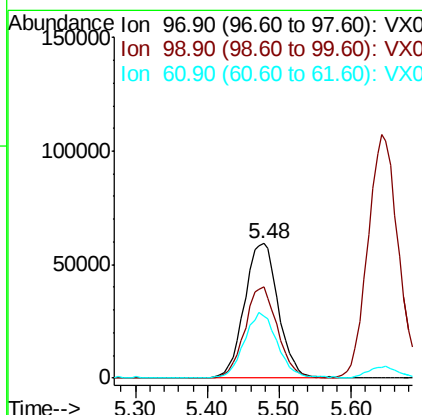
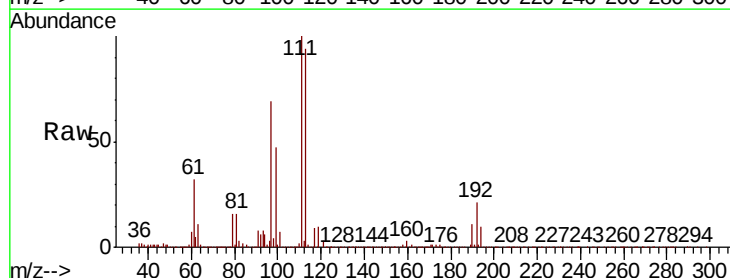
Manual Integrations
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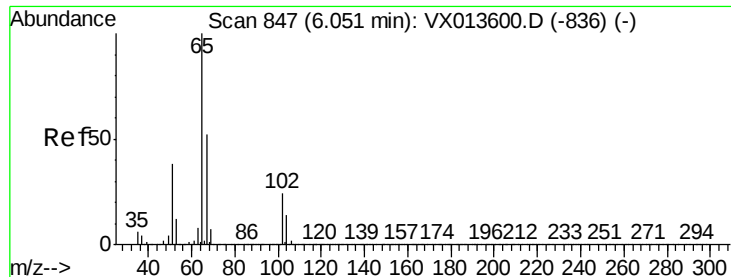
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#32
1,1,1-Trichloroethane
Concen: 20.273 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX013969.D
Acq: 12 Dec 2019 12:16

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.6	77.4
61	46.8	36.1	54.1





#33

1,2-Dichloroethane-d4

Concen: 49.916 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013969.D

Acq: 12 Dec 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS01

Tot Ion: 65 Resp: 356825

Ion Ratio Lower Upper

65 100

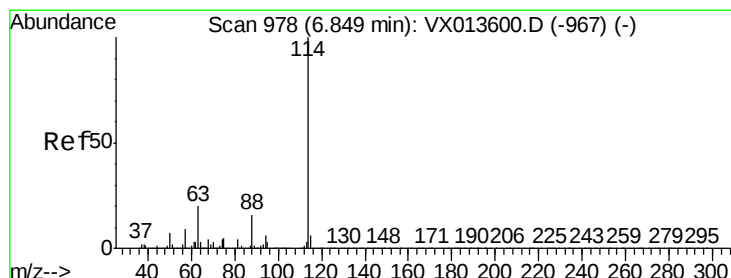
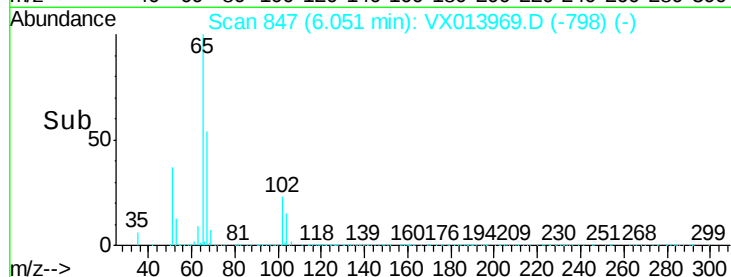
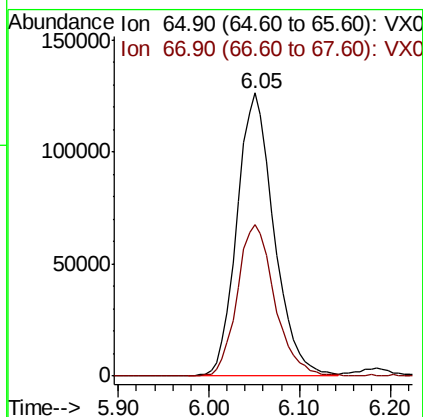
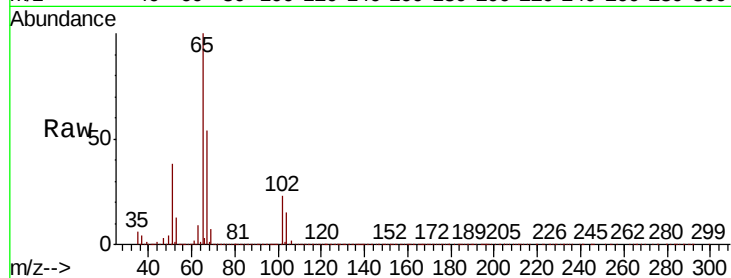
67 53.8 0.0 104.4

Manual Integrations

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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: VX013969.D

Acq: 12 Dec 2019 12:16

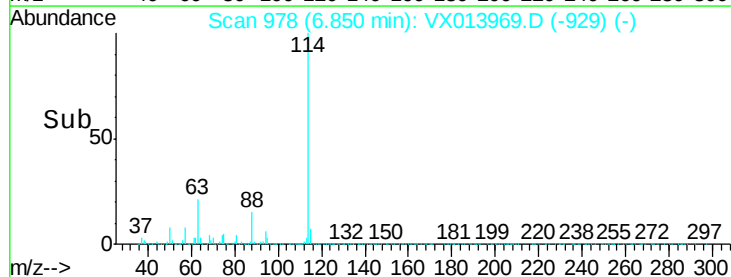
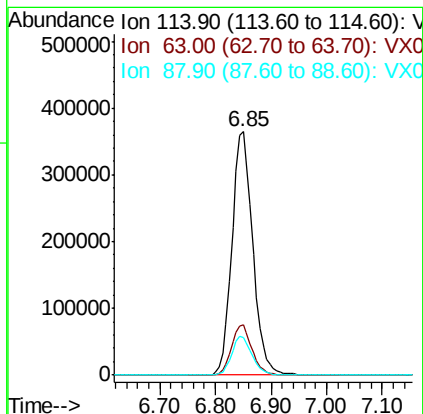
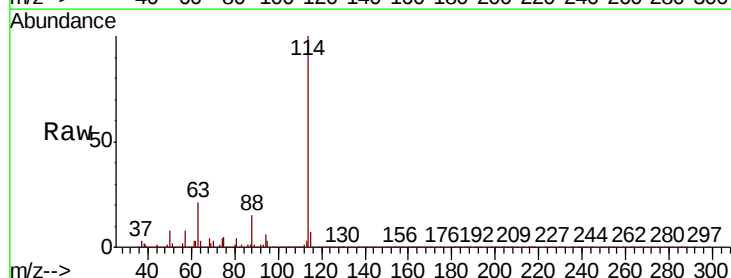
Tgt Ion: 114 Resp: 944194

Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.6

88 15.3 0.0 31.4





#35

Dibromofluoromethane

Concen: 50.627 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX013969.D

Acq: 12 Dec 2019 12:16

Instrument :

MSVOA_X

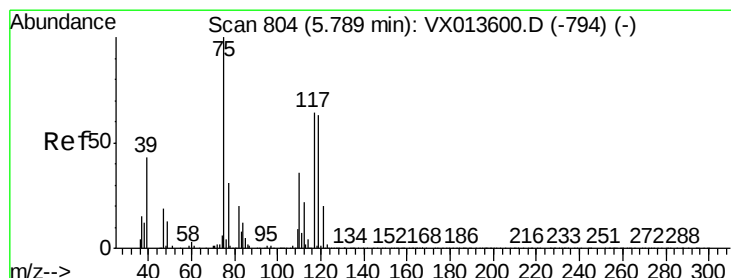
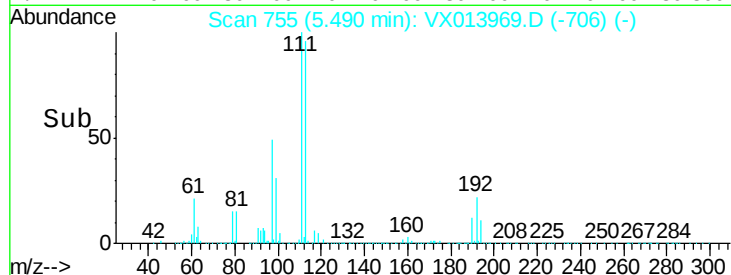
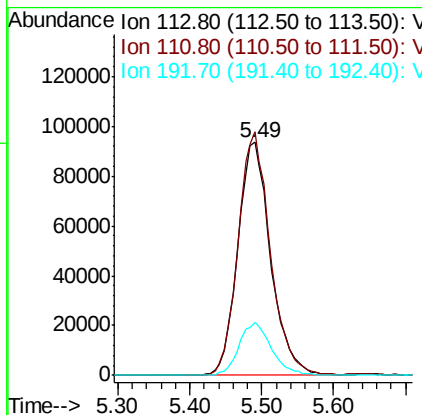
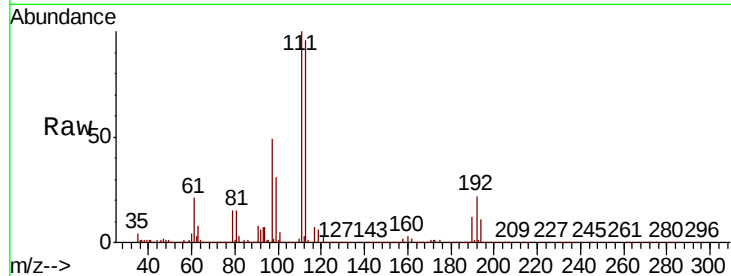
ClientSampleId :

VX1212WBS01

Tot Ion:	113	Resp:	295514
Ion Ratio	Lower	Upper	
113	100		
111	102.2	83.6	125.4
192	22.8	19.2	28.8

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#36

1,1-Dichloropropene

Concen: 19.772 ug/l

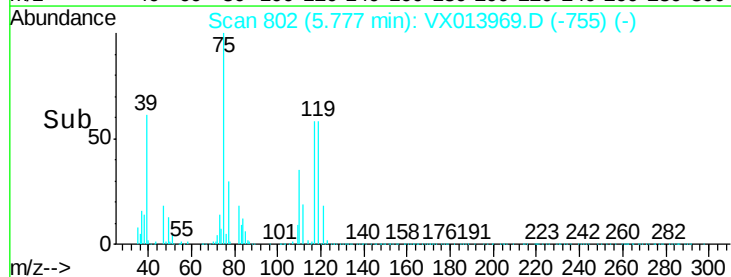
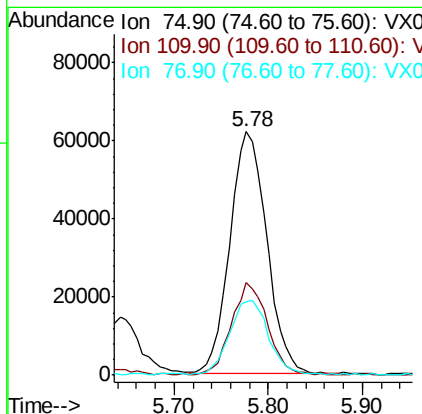
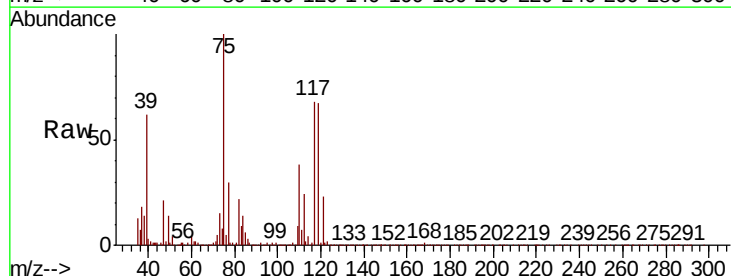
RT: 5.78 min Scan# 802

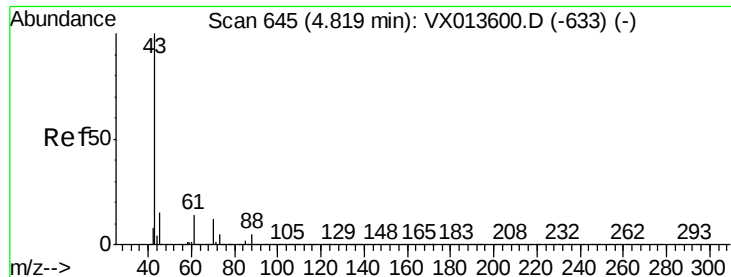
Delta R.T. -0.01 min

Lab File: VX013969.D

Acq: 12 Dec 2019 12:16

Tgt Ion:	75	Resp:	169468
Ion Ratio	Lower	Upper	
75	100		
110	37.0	18.1	54.1
77	31.7	24.5	36.7





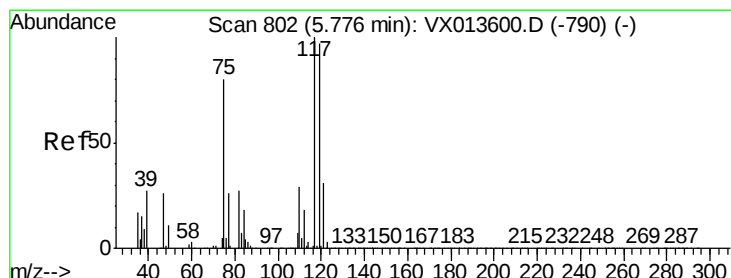
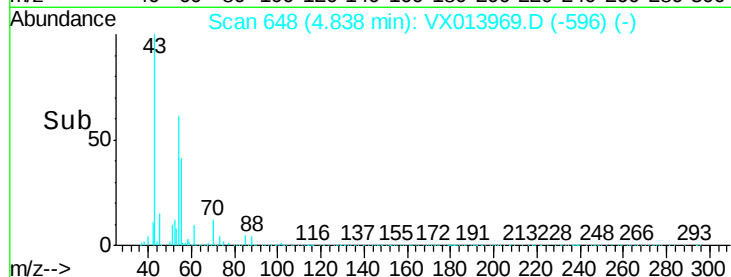
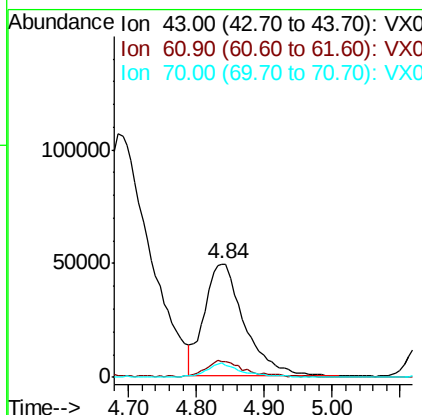
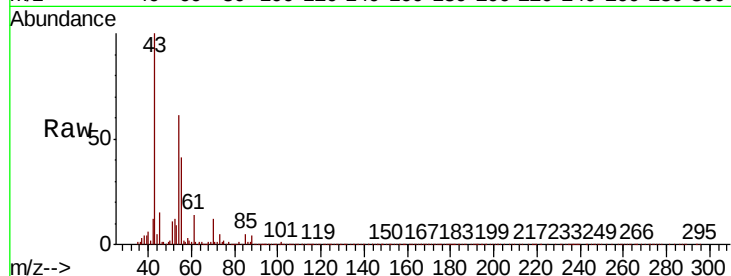
#37
Ethyl Acetate
Concen: 21.134 ug/l
RT: 4.84 min Scan# 648
Delta R.T. 0.02 min
Lab File: VX013969.D
Acq: 12 Dec 2019 12:16

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

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

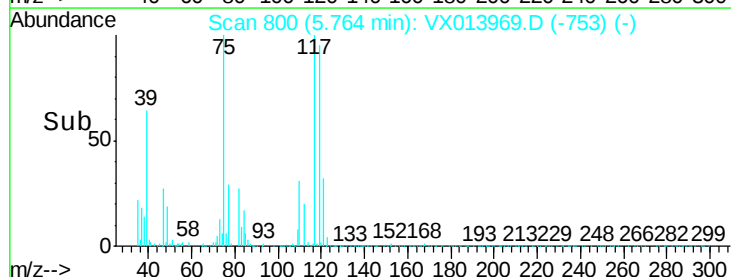
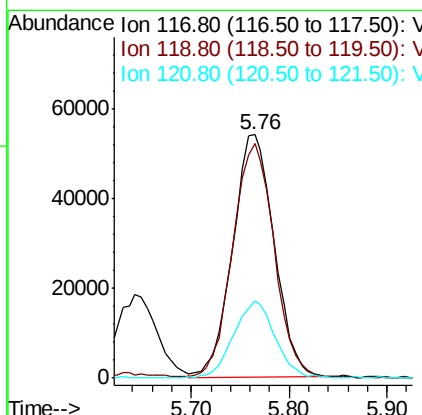
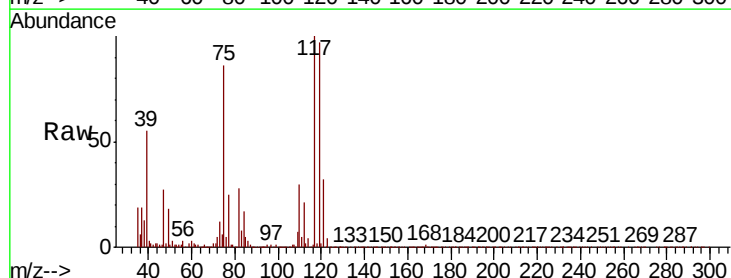
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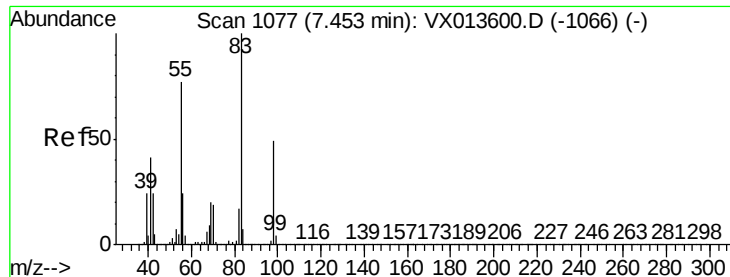
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#38
Carbon Tetrachloride
Concen: 20.101 ug/l
RT: 5.76 min Scan# 800
Delta R.T. -0.01 min
Lab File: VX013969.D
Acq: 12 Dec 2019 12:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.5	116.3
121	31.9	25.0	37.6





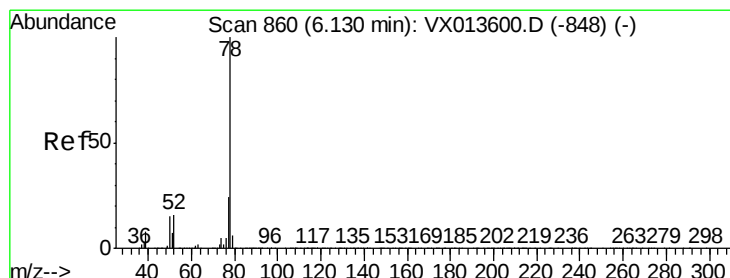
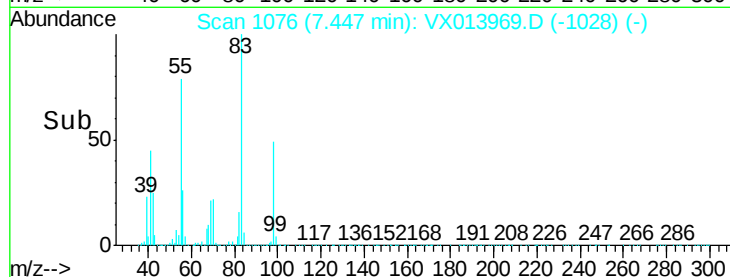
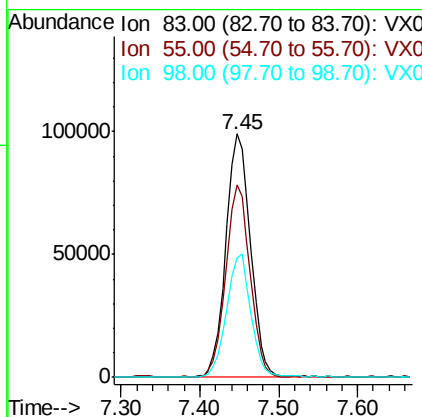
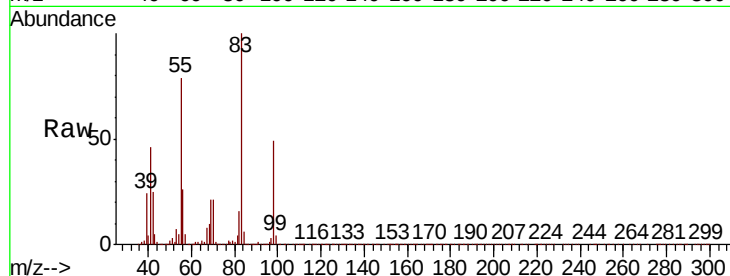
#39
Methvlcvclohexane
Concen: 20.403 ug/l
RT: 7.45 min Scan# 1076
Delta R.T. -0.01 min
Lab File: VX013969.D
Acq: 12 Dec 2019 12:16

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.9	61.9	92.9
98	48.9	39.4	59.0

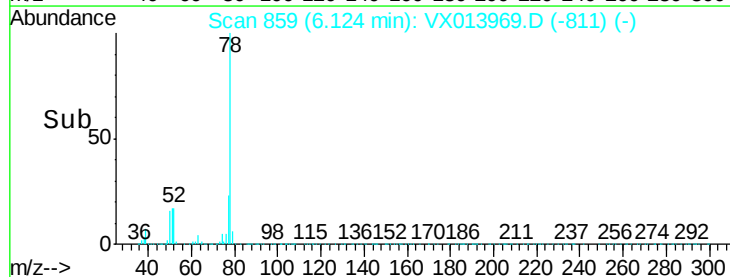
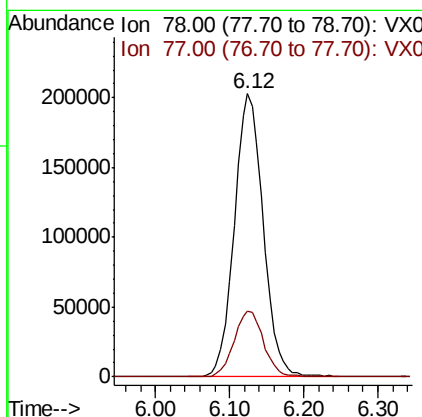
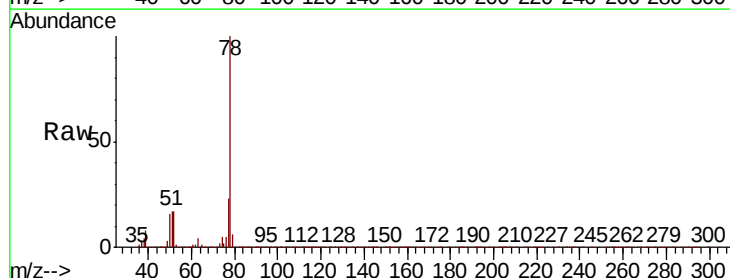
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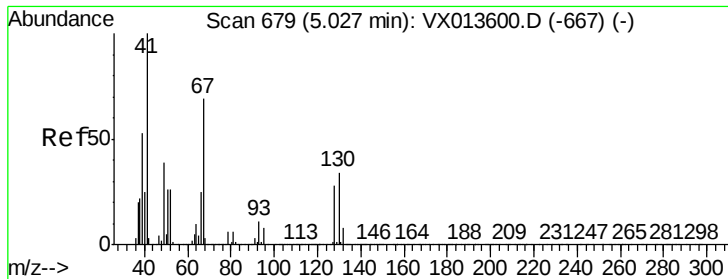
apatel
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#40
Benzene
Concen: 21.094 ug/l
RT: 6.12 min Scan# 859
Delta R.T. -0.01 min
Lab File: VX013969.D
Acq: 12 Dec 2019 12:16

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.0	28.4





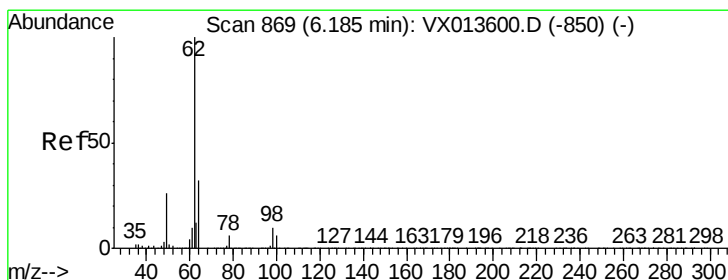
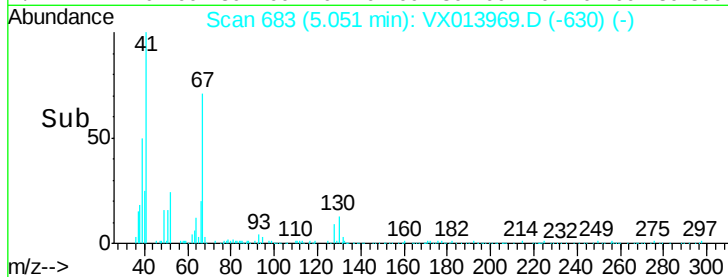
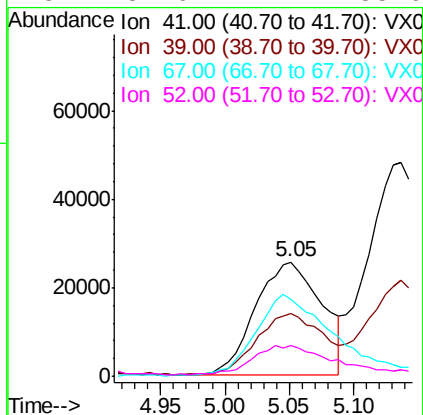
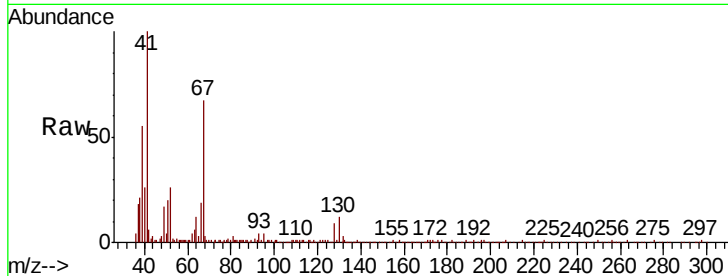
#41
Methacrylonitrile
Concen: 17.316 ug/l
RT: 5.05 min Scan# 683
Delta R.T. 0.02 min
Lab File: VX013969.D
Acq: 12 Dec 2019 12:16

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.8	42.9	64.3	
67	85.8	57.4	86.0	
52	32.6	22.4	33.6	

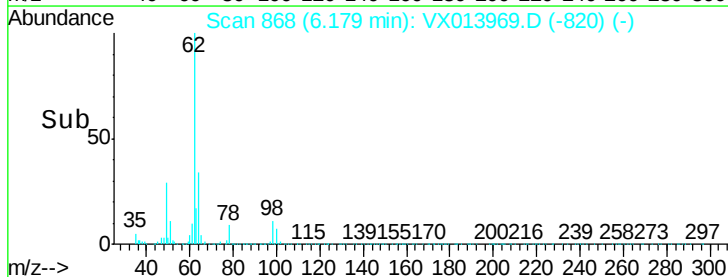
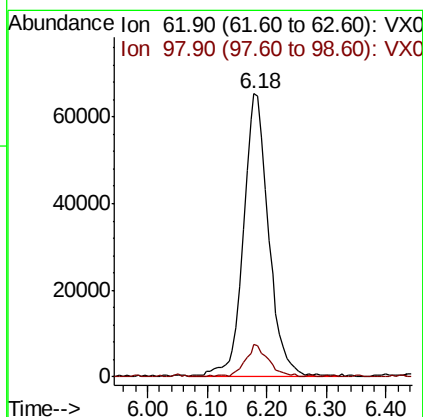
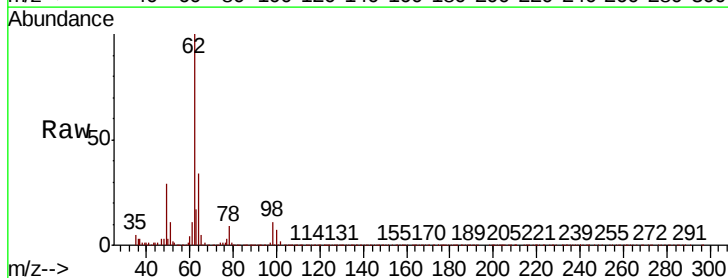
Manual Integrations
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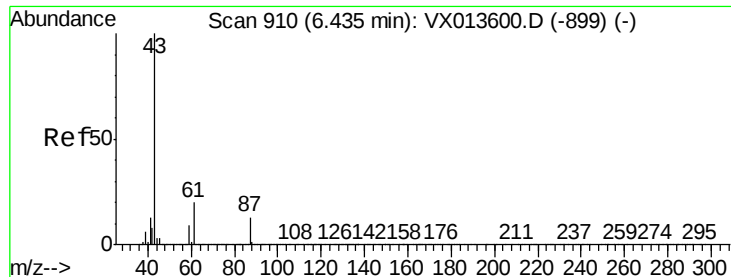
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#42
1,2-Dichloroethane
Concen: 21.300 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX013969.D
Acq: 12 Dec 2019 12:16

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.5	0.0	20.8	





#43

Isopropyl Acetate

Concen: 19.982 ug/l

RT: 6.45 min Scan# 912

Delta R.T. 0.01 min

Lab File: VX013969.D

Acq: 12 Dec 2019 12:16

Instrument :

MSVOA_X

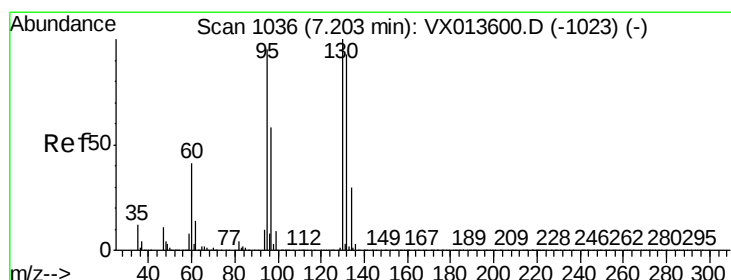
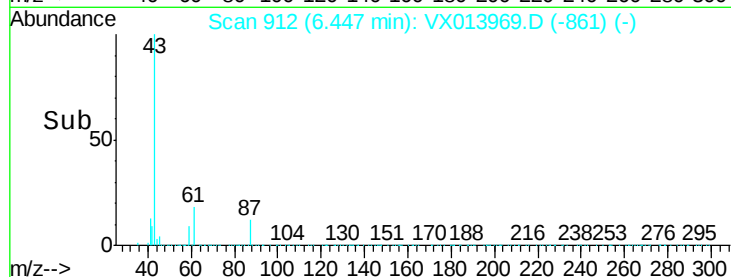
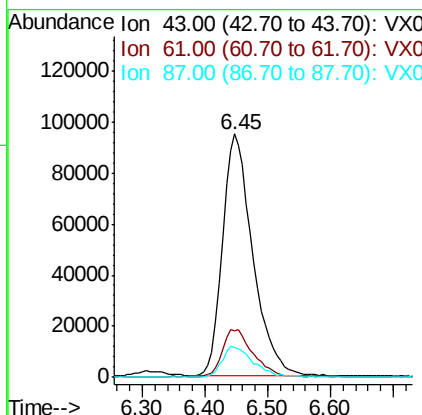
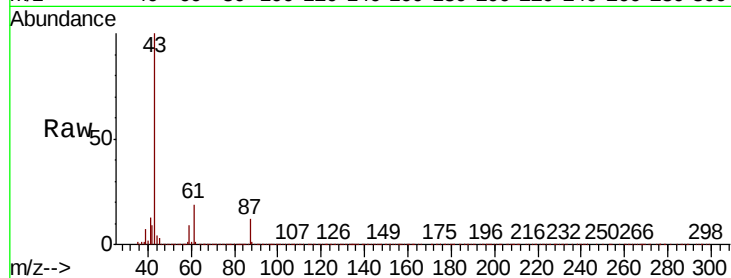
ClientSampleId :

VX1212WBS01

Tot Ion:	43	Resp:	316303
Ion	Ratio	Lower	Upper
43	100		
61	20.1	16.3	24.5
87	13.3	10.8	16.2

Manual Integrations
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#44

Trichloroethene

Concen: 19.912 ug/l

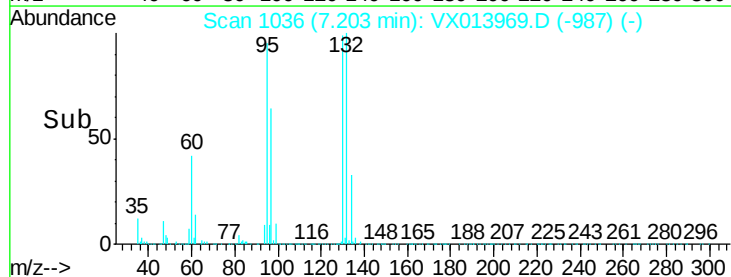
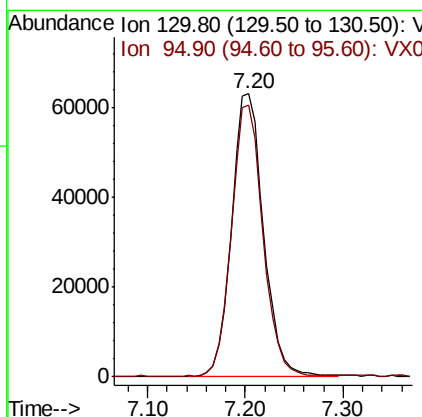
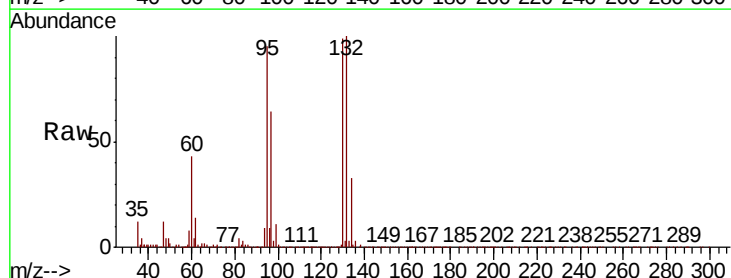
RT: 7.20 min Scan# 1036

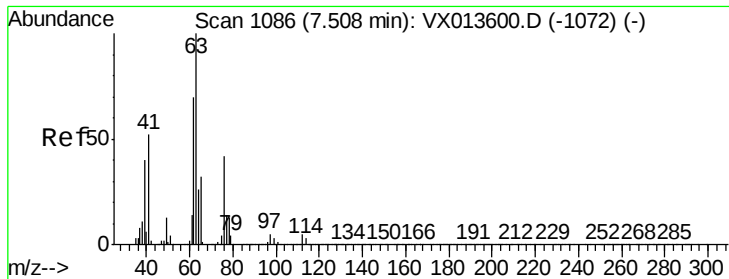
Delta R.T. 0.00 min

Lab File: VX013969.D

Acq: 12 Dec 2019 12:16

Tgt Ion:	130	Resp:	142652
Ion	Ratio	Lower	Upper
130	100		
95	96.0	0.0	190.8





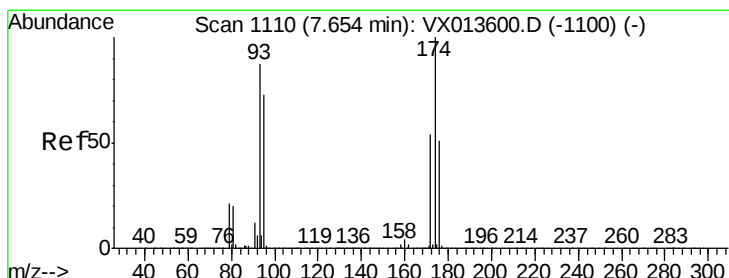
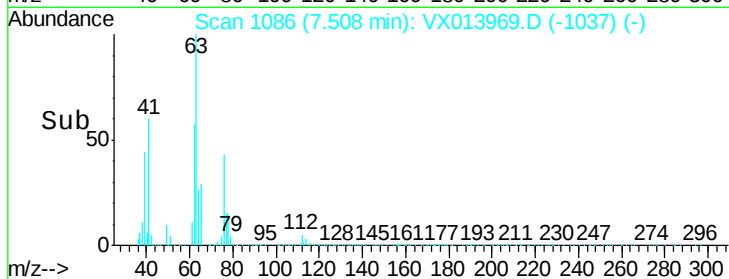
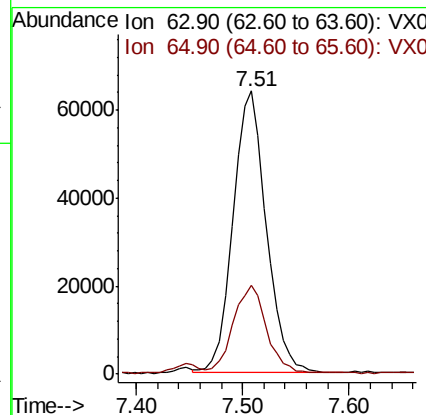
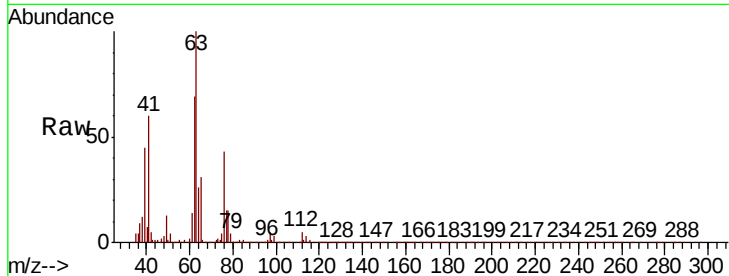
#45
 1,2-Dichloropropane
 Concen: 21.332 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX013969.D
 Acq: 12 Dec 2019 12:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.9	25.5	38.3

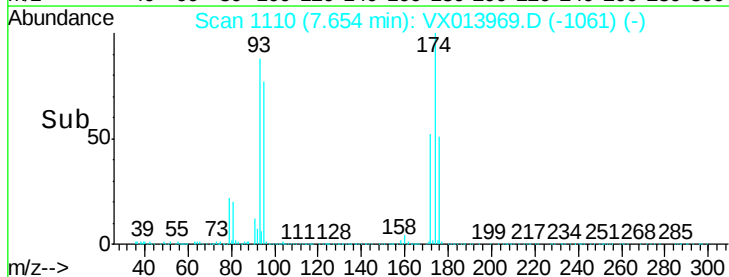
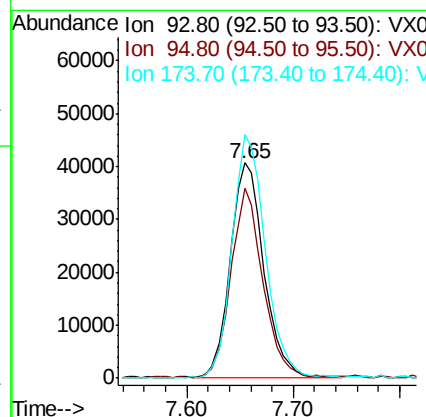
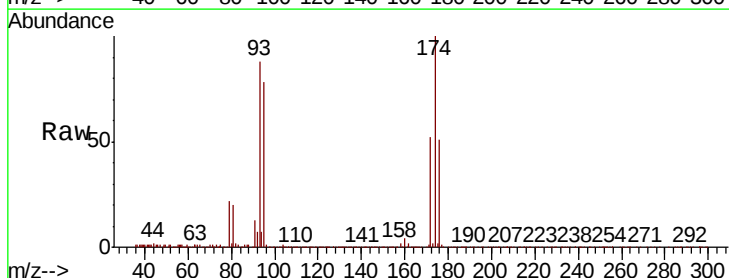
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#46
 Dibromomethane
 Concen: 20.085 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX013969.D
 Acq: 12 Dec 2019 12:16

Tgt Ion	Ratio	Lower	Upper
93	100		
95	85.4	66.2	99.2
174	114.0	93.4	140.0





#47

Bromodichloromethane

Concen: 20.183 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013969.D

Acq: 12 Dec 2019 12:16

Instrument :

MSVOA_X

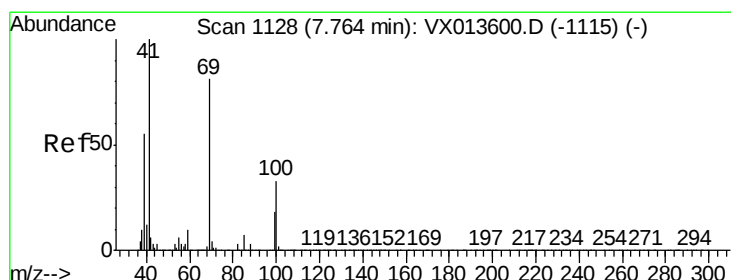
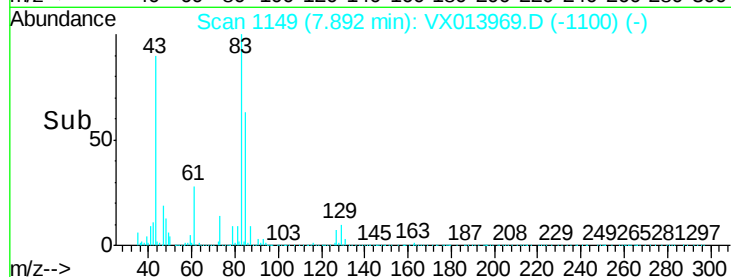
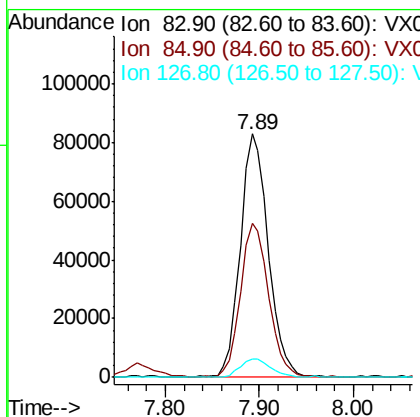
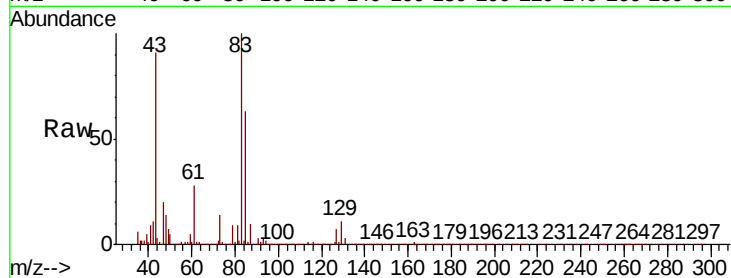
ClientSampleId :

VX1212WBS01

Tot Ion:	83	Resp:	169252
Ion Ratio	Lower	Upper	
83	100		
85	63.0	52.1	78.1
127	7.2	7.0	10.4

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#48

Methyl methacrylate

Concen: 20.517 ug/l

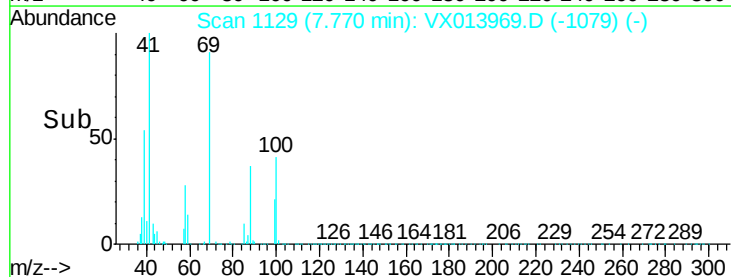
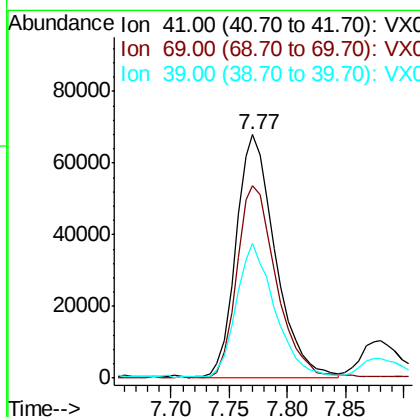
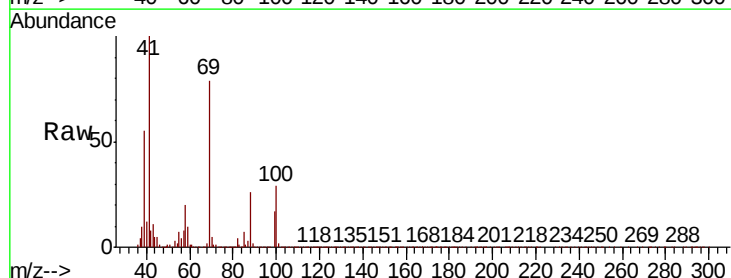
RT: 7.77 min Scan# 1129

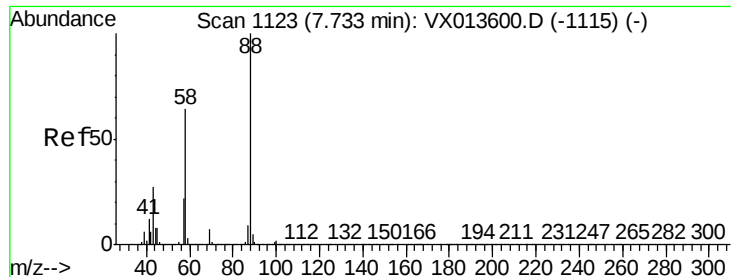
Delta R.T. 0.01 min

Lab File: VX013969.D

Acq: 12 Dec 2019 12:16

Tgt Ion:	41	Resp:	157802
Ion Ratio	Lower	Upper	
41	100		
69	80.1	64.7	97.1
39	54.0	43.8	65.6





#49

1,4-Dioxane

Concen: 334.309 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. 0.02 min

Lab File: VX013969.D

Acq: 12 Dec 2019 12:16

Instrument :

MSVOA_X

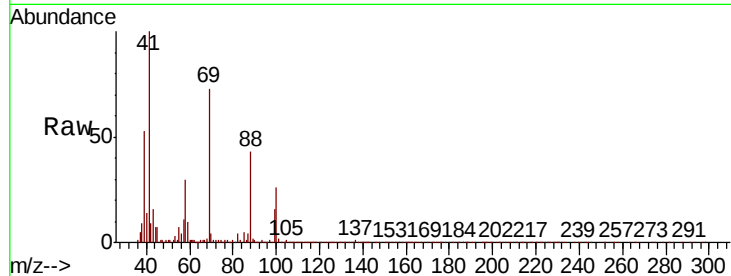
ClientSampleId :

VX1212WBS01

Tot Ion:	88	Resp:	57555
Ion Ratio	Lower	Upper	
88	100		
43	37.6	25.8	38.6
58	71.5	54.6	82.0

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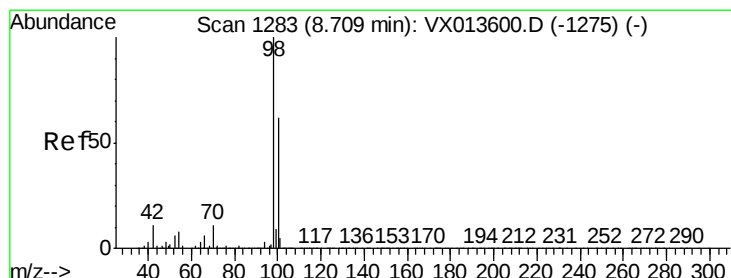
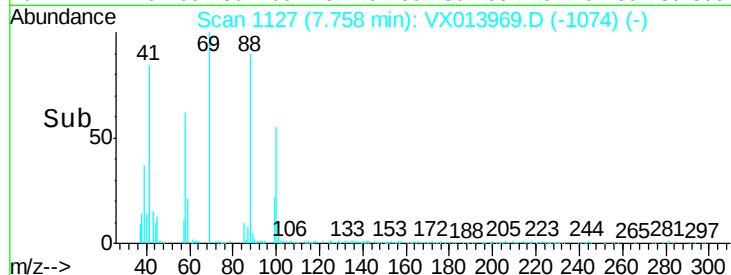
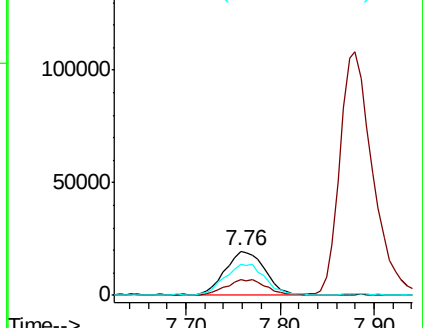


Abundance

Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.436 ug/l

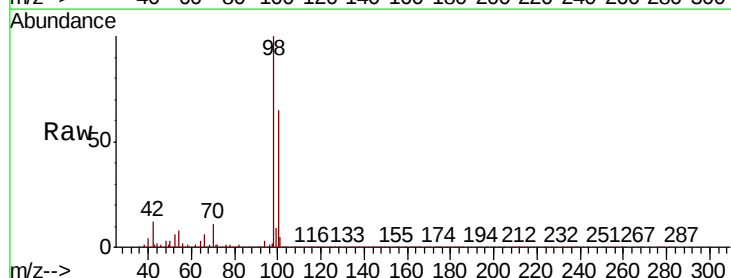
RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013969.D

Acq: 12 Dec 2019 12:16

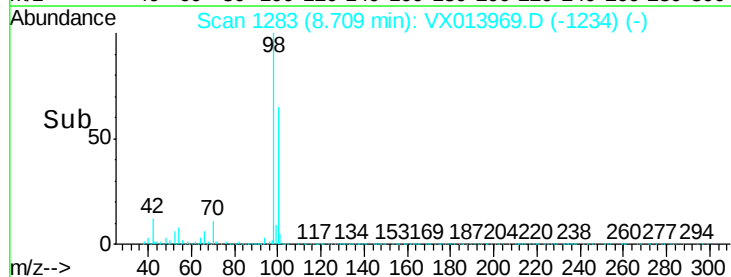
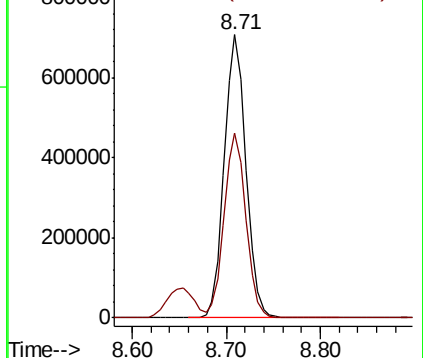
Tgt Ion:	98	Resp:	1124289
Ion Ratio	Lower	Upper	
98	100		
100	65.5	53.1	79.7

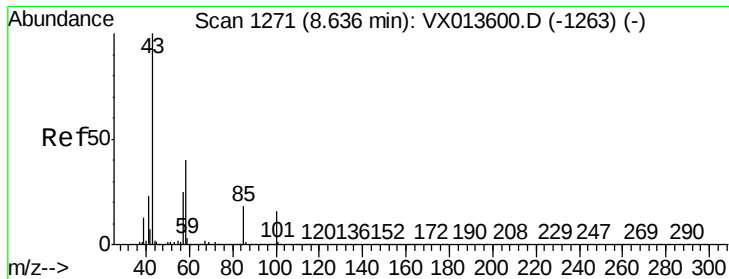


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





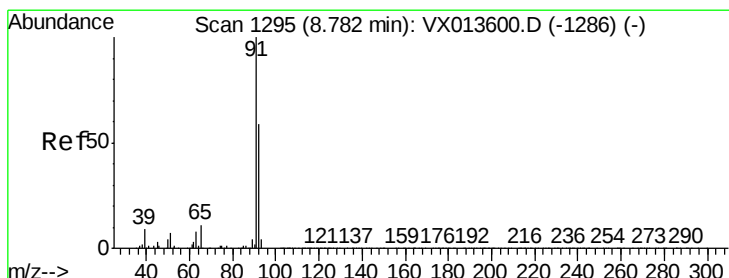
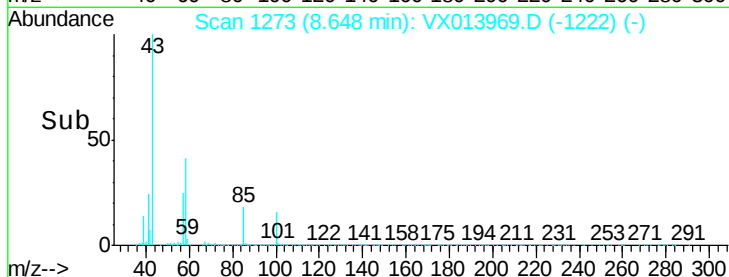
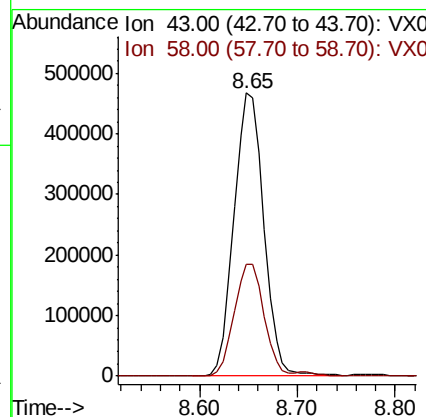
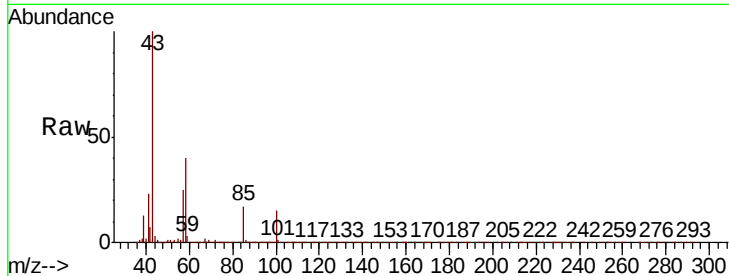
#51
4-Methyl-2-Pentanone
Concen: 99.358 ug/l
RT: 8.65 min Scan# 1273
Delta R.T. 0.01 min
Lab File: VX013969.D
Acq: 12 Dec 2019 12:16

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.4	32.1	48.1

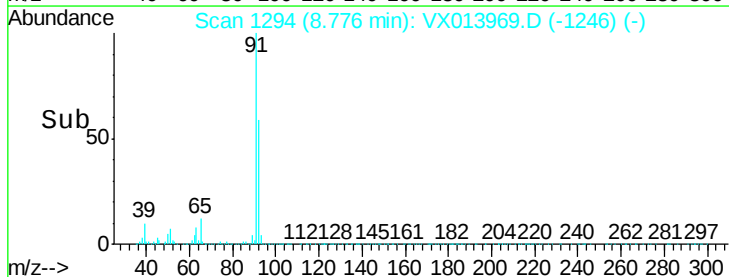
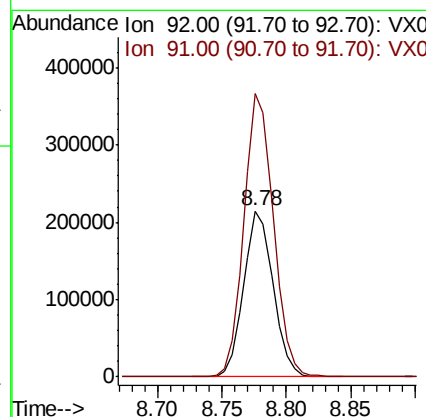
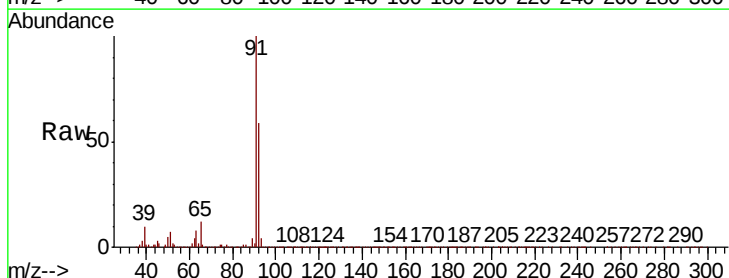
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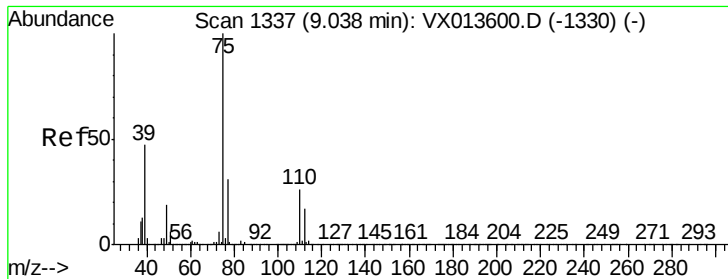
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#52
Toluene
Concen: 20.846 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX013969.D
Acq: 12 Dec 2019 12:16

Tgt Ion	Ratio	Lower	Upper
92	100		
91	171.6	136.2	204.2





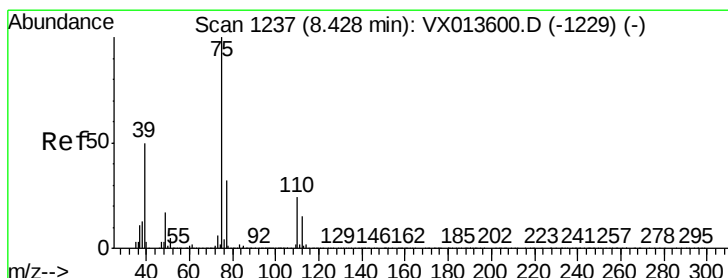
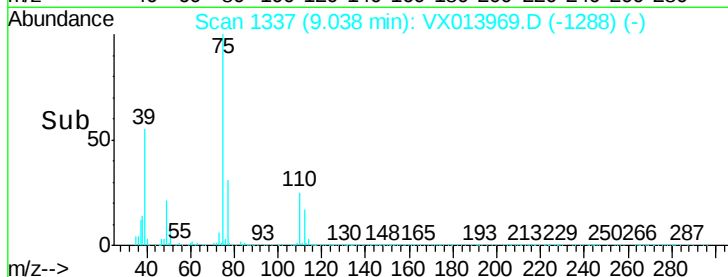
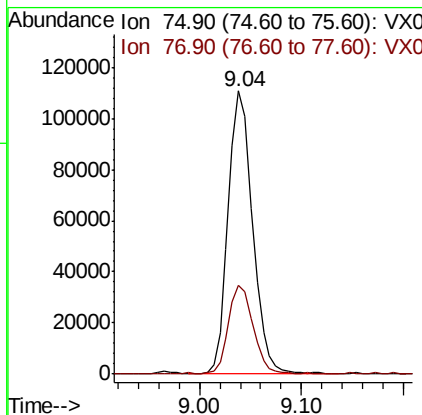
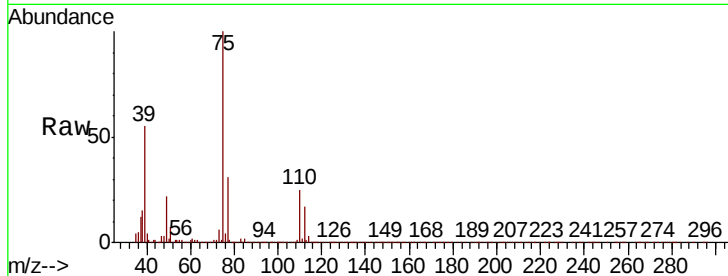
#53
t-1,3-Dichloropropene
Concen: 19.185 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX013969.D
Acq: 12 Dec 2019 12:16

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.1	24.4	36.6

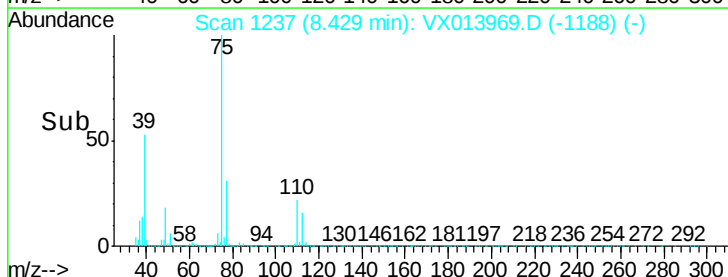
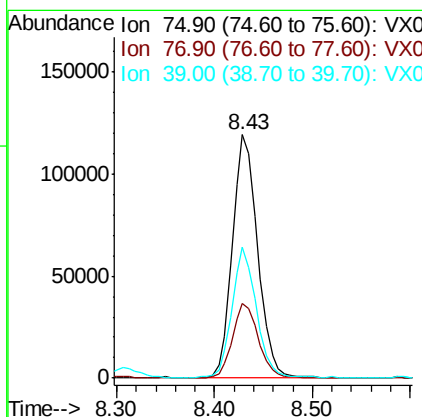
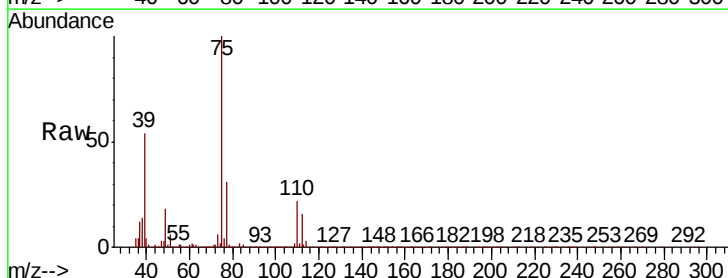
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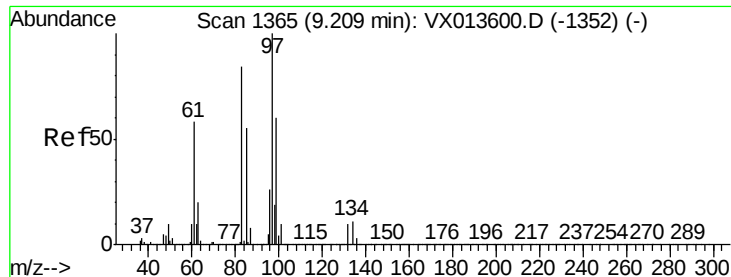
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#54
cis-1,3-Dichloropropene
Concen: 20.514 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX013969.D
Acq: 12 Dec 2019 12:16

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.7	25.8	38.6
39	53.3	39.9	59.9





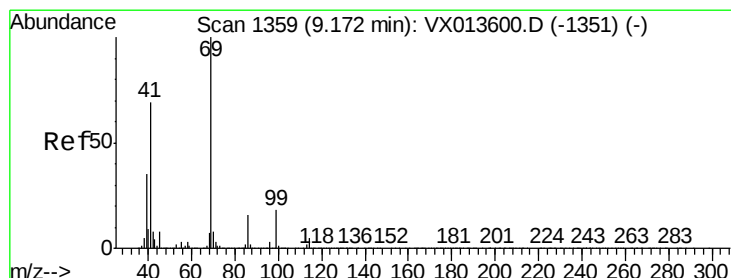
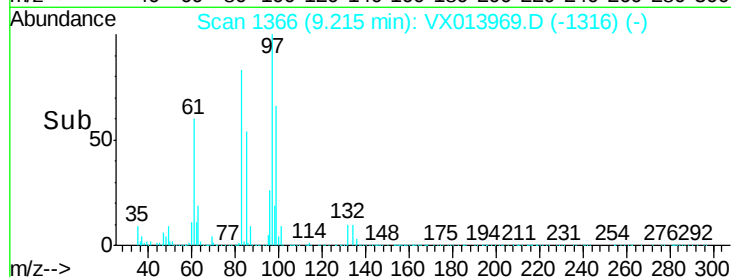
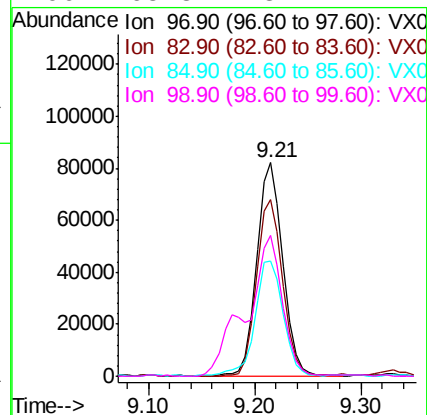
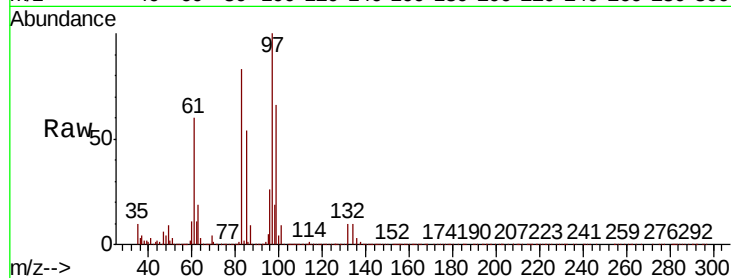
#55
 1,1,2-Trichloroethane
 Concen: 21.459 ug/l
 RT: 9.21 min Scan# 1366
 Delta R.T. 0.01 min
 Lab File: VX013969.D
 Acq: 12 Dec 2019 12:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		140239		
83	82.7	67.3	100.9		
85	53.7	43.6	65.4		
99	65.8	48.2	72.4		

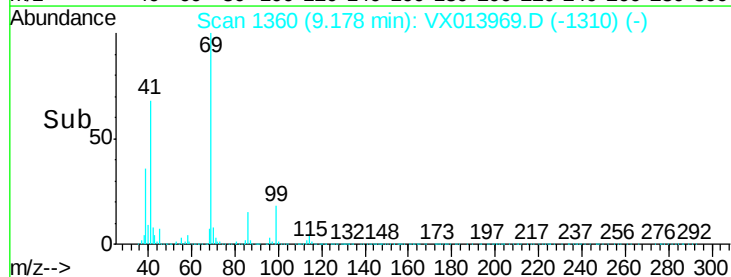
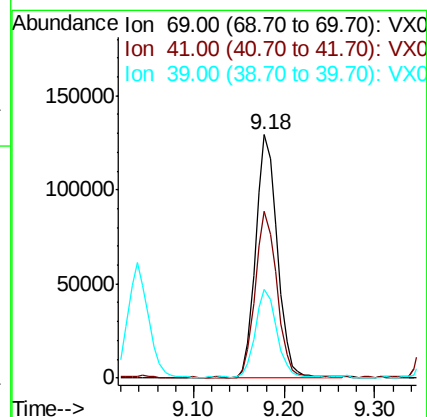
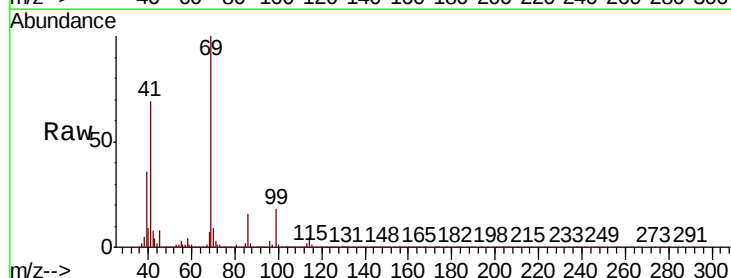
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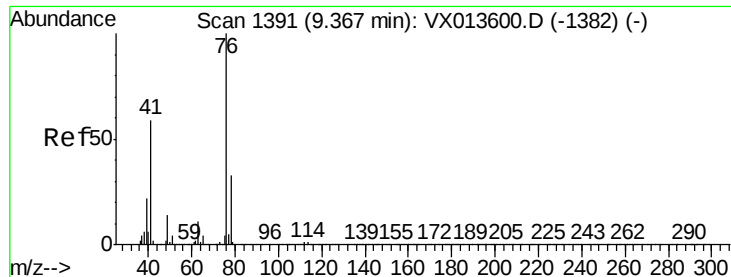
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#56
 Ethyl methacrylate
 Concen: 20.256 ug/l
 RT: 9.18 min Scan# 1360
 Delta R.T. 0.01 min
 Lab File: VX013969.D
 Acq: 12 Dec 2019 12:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		212822		
41	68.6	55.0	82.4		
39	35.9	28.7	43.1		





#57

1,3-Dichloropropane

Concen: 21.290 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX013969.D

Acq: 12 Dec 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS01

Tot Ion: 76 Resp: 239817

Ion Ratio Lower Upper

76 100

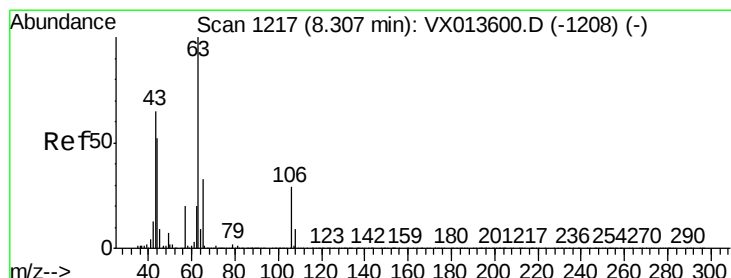
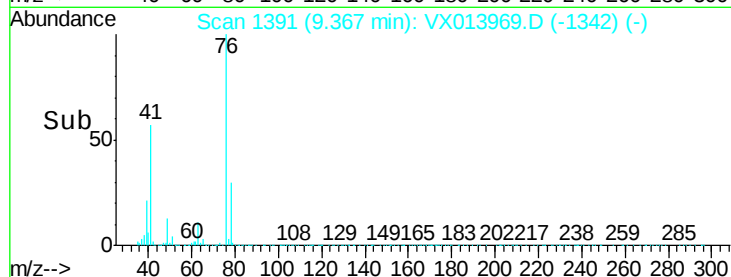
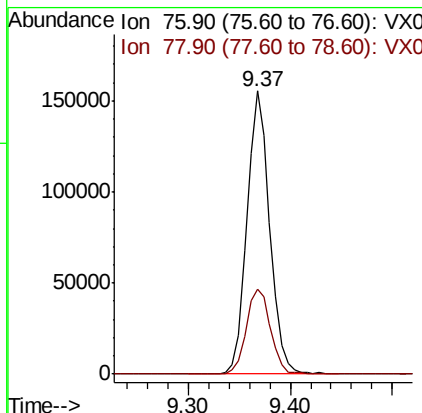
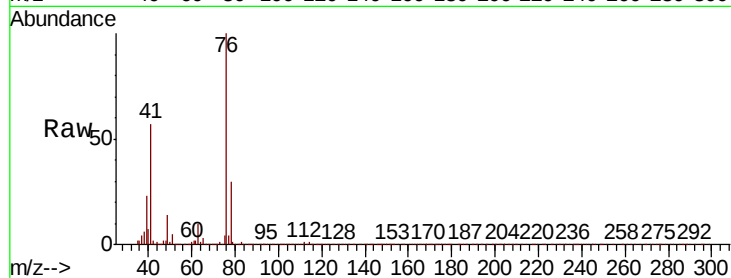
78 31.8 26.0 39.0

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#58

2-Chloroethyl Vinyl ether

Concen: 108.628 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX013969.D

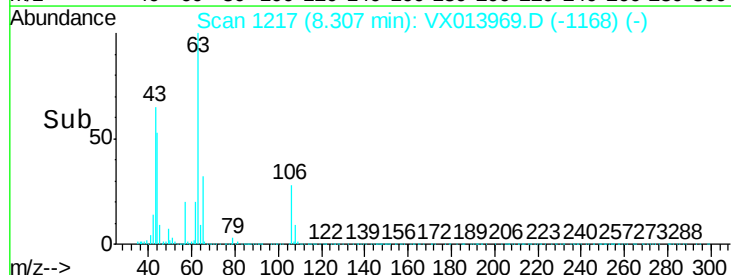
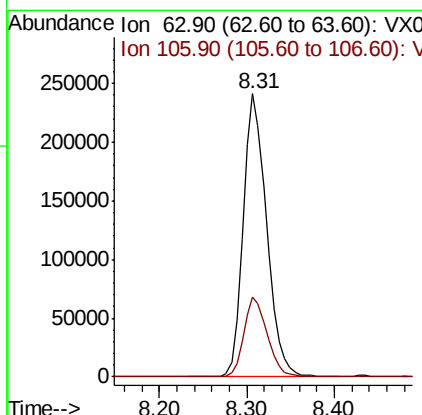
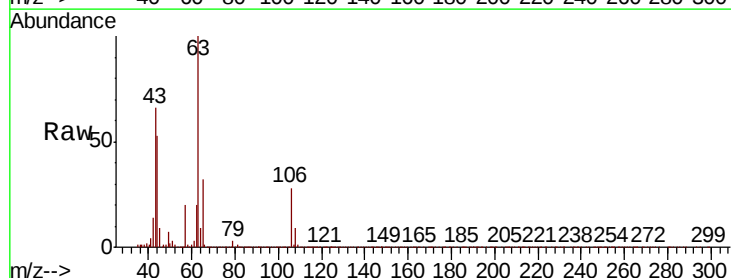
Acq: 12 Dec 2019 12:16

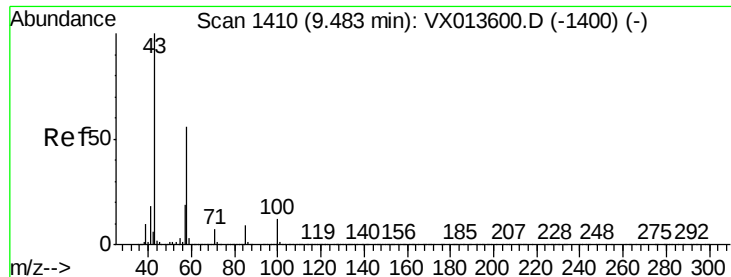
Tgt Ion: 63 Resp: 447489

Ion Ratio Lower Upper

63 100

106 28.0 23.4 35.0





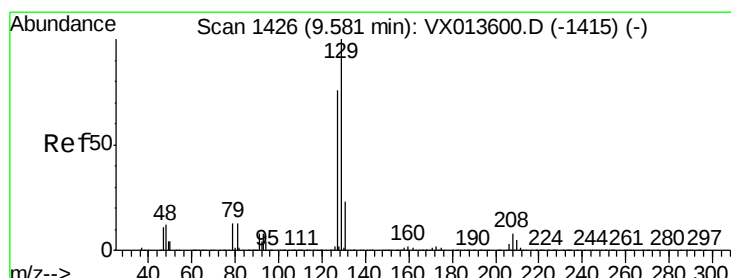
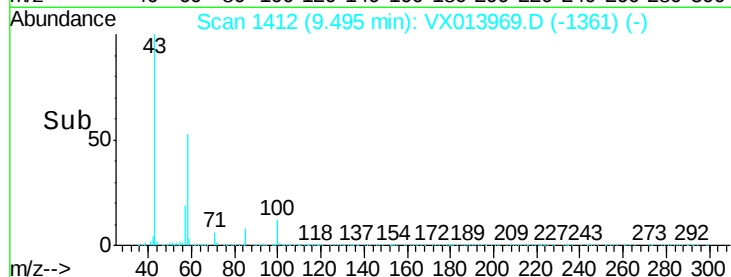
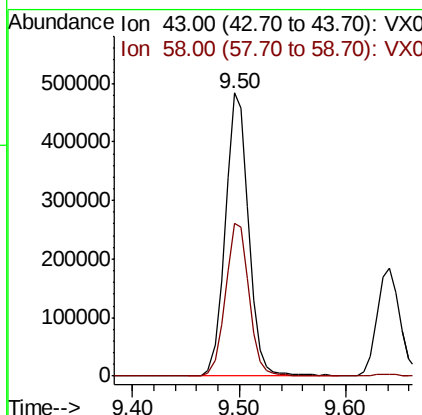
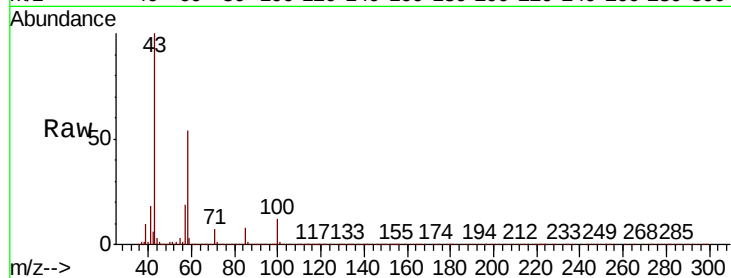
#59
2-Hexanone
Concen: 94.740 ug/l
RT: 9.50 min Scan# 1412
Delta R.T. 0.01 min
Lab File: VX013969.D
Acq: 12 Dec 2019 12:16

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

Tot Ion: 43 Resp: 735744
Ion Ratio Lower Upper
43 100
58 55.1 28.1 84.4

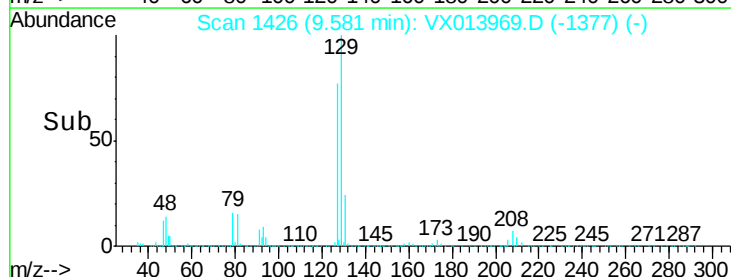
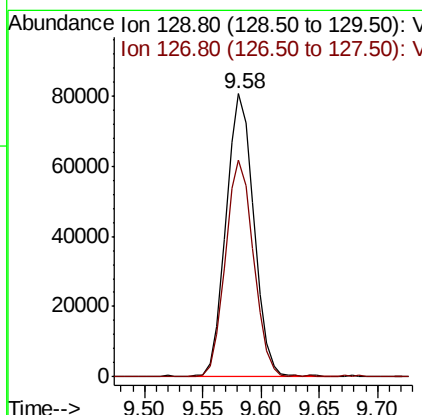
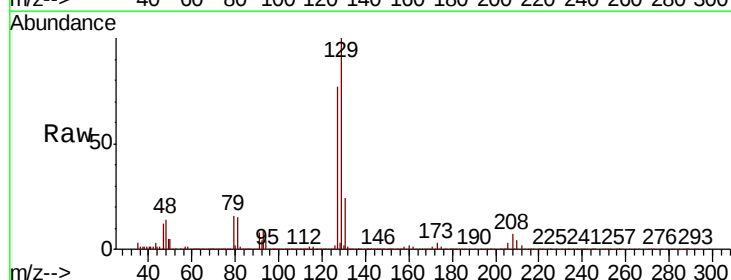
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#60
Dibromochloromethane
Concen: 19.681 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX013969.D
Acq: 12 Dec 2019 12:16

Tgt Ion: 129 Resp: 133481
Ion Ratio Lower Upper
129 100
127 77.8 38.5 115.5





#61

1,2-Dibromoethane

Concen: 20.268 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013969.D

Acq: 12 Dec 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS01

Tot Ion: 107 Resp: 141467

Ion Ratio Lower Upper

107 100

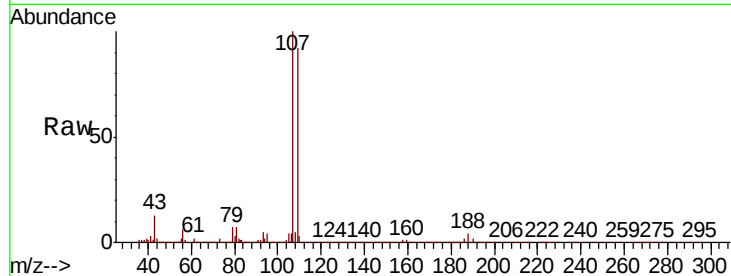
109 94.5 76.1 114.1

Manual Integrations

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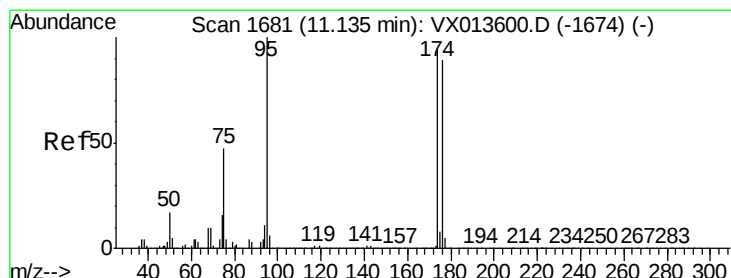
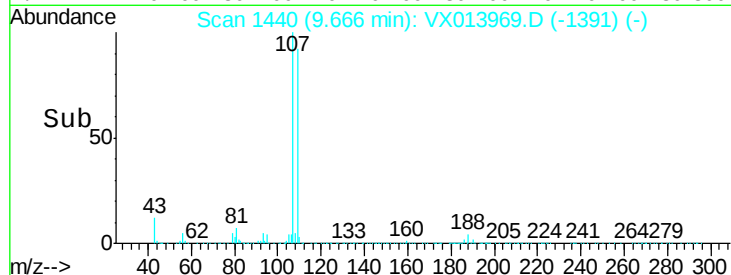
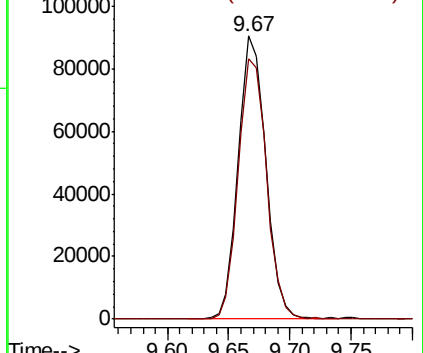
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.728 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013969.D

Acq: 12 Dec 2019 12:16

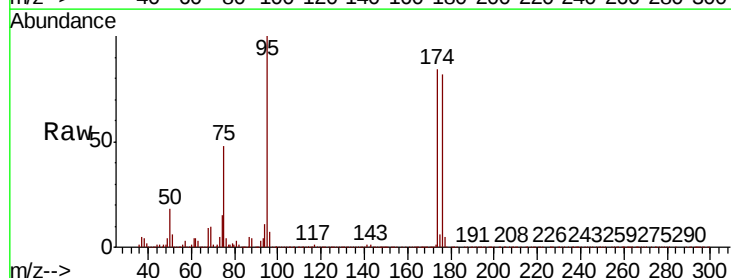
Tgt Ion: 95 Resp: 407810

Ion Ratio Lower Upper

95 100

174 87.7 0.0 180.0

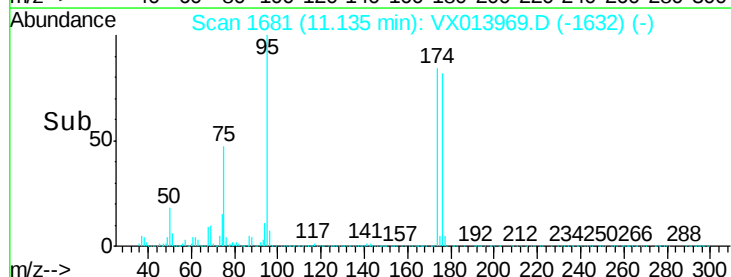
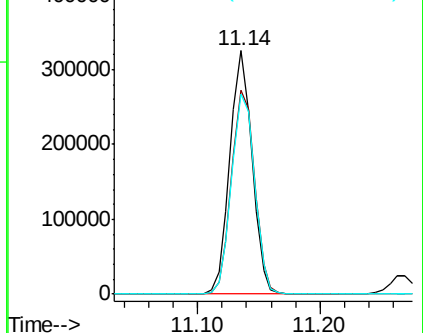
176 85.6 0.0 173.6

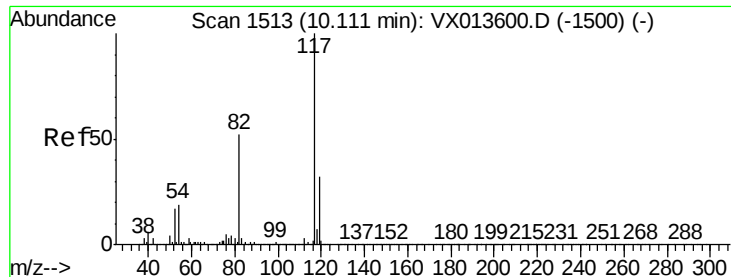


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





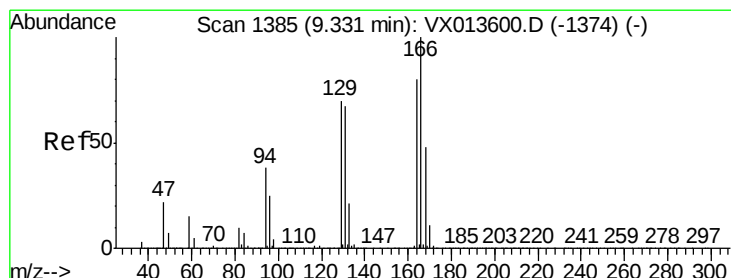
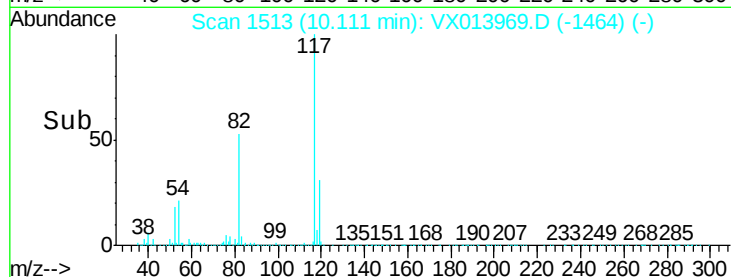
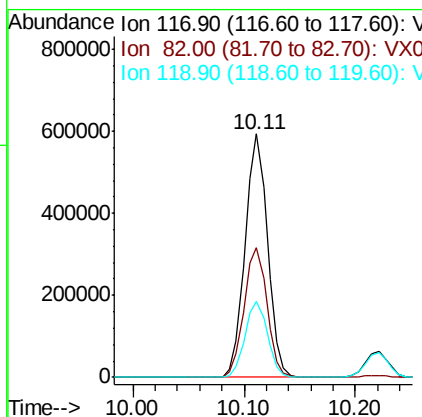
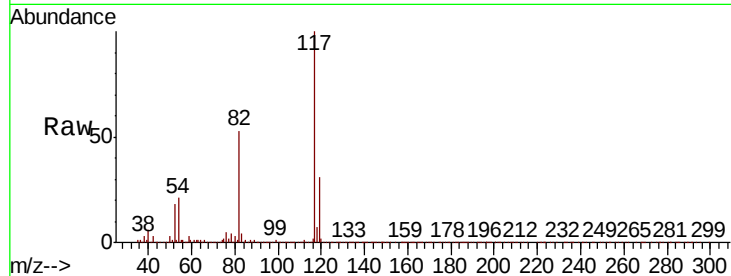
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013969.D
Acq: 12 Dec 2019 12:16

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	53.2	41.8	62.8
119	31.4	25.8	38.8

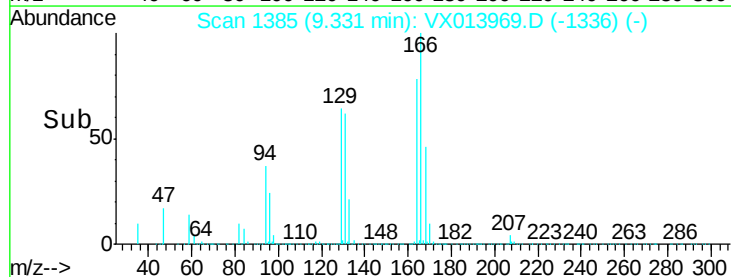
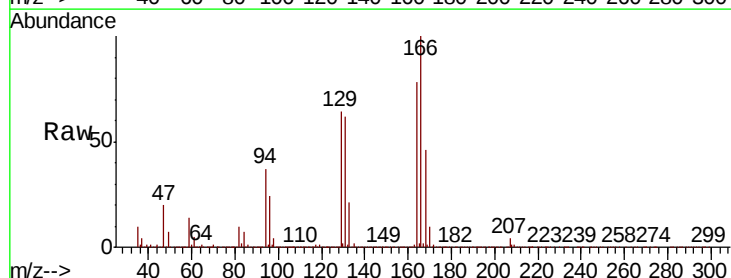
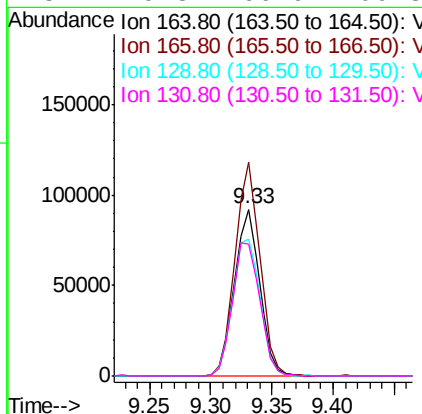
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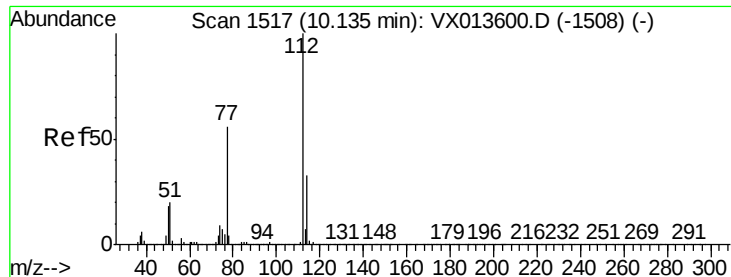
apatel
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#64
Tetrachloroethene
Concen: 21.172 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013969.D
Acq: 12 Dec 2019 12:16

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
166	128.2	99.7	149.5
129	82.4	70.1	105.1
131	79.3	66.9	100.3





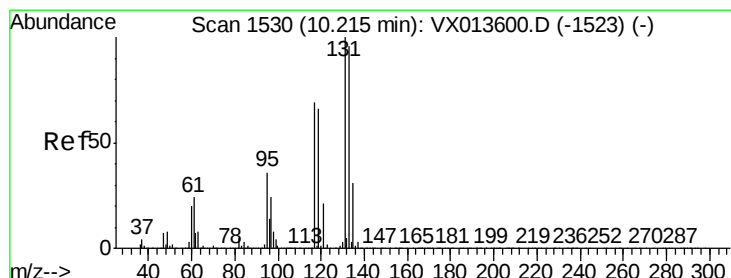
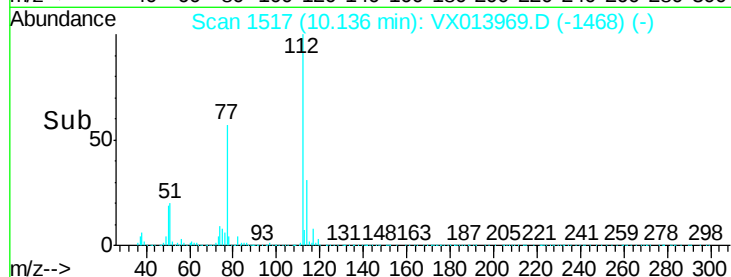
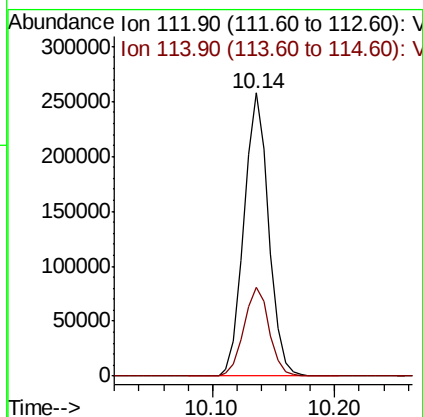
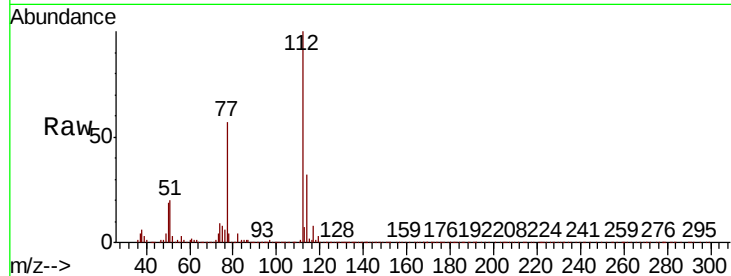
#65
Chlorobenzene
Concen: 20.847 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX013969.D
Acq: 12 Dec 2019 12:16

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.5	26.1	39.1

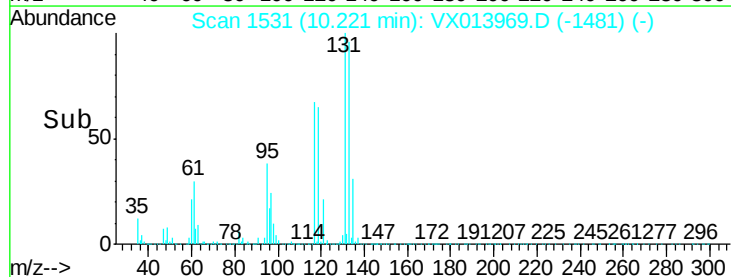
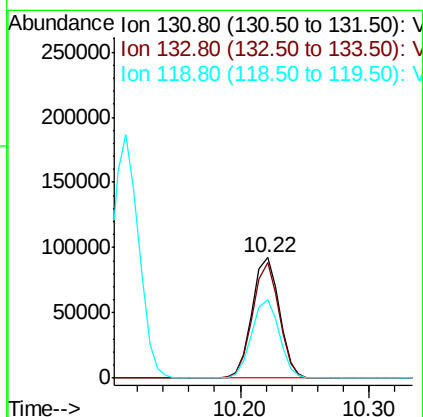
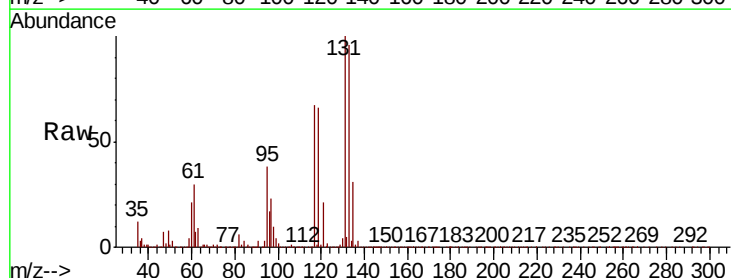
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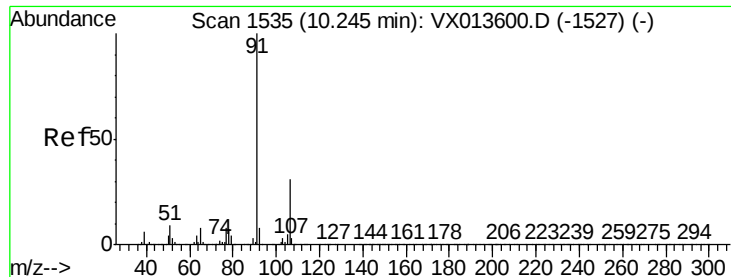
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.612 ug/l
RT: 10.22 min Scan# 1531
Delta R.T. 0.01 min
Lab File: VX013969.D
Acq: 12 Dec 2019 12:16

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.9	47.7	143.1
119	65.6	32.9	98.6





#67

Ethyl Benzene

Concen: 21.501 ug/l

RT: 10.25 min Scan# 1536

Delta R.T. 0.01 min

Lab File: VX013969.D

Acq: 12 Dec 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS01

Tot Ion: 91 Resp: 638454

Ion Ratio Lower Upper

91 100

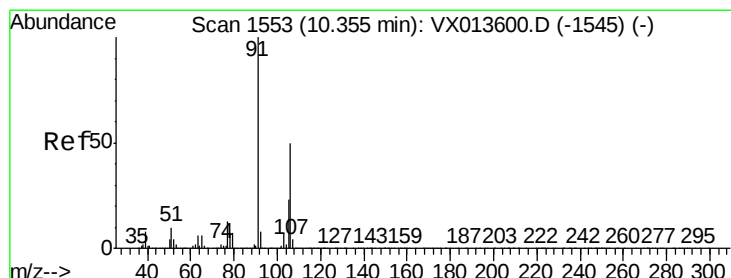
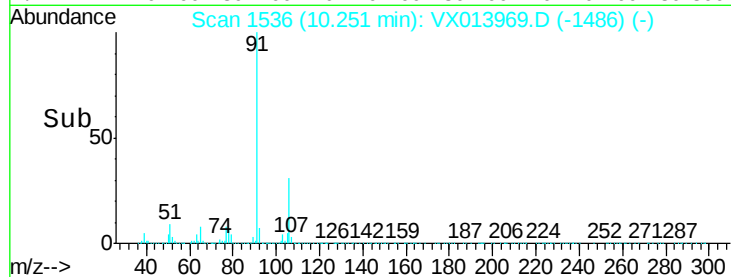
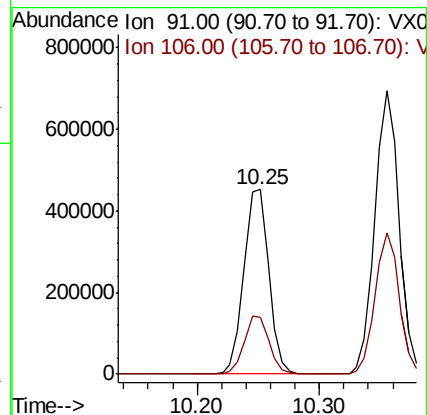
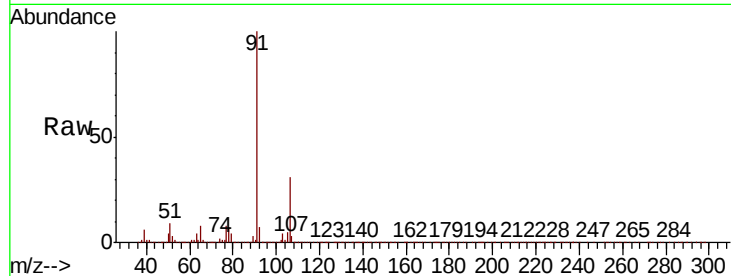
106 30.9 24.5 36.7

Manual Integrations

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#68

m/p-Xylenes

Concen: 41.894 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013969.D

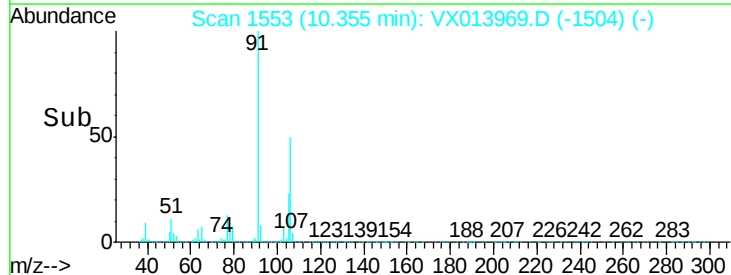
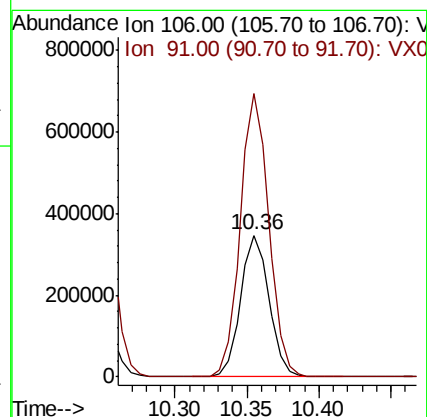
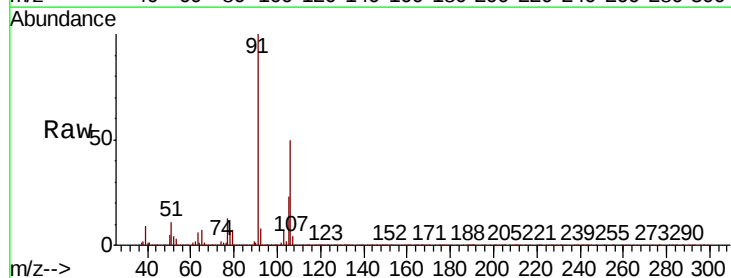
Acq: 12 Dec 2019 12:16

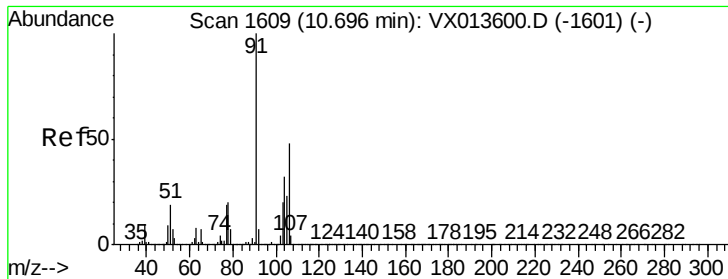
Tgt Ion: 106 Resp: 476289

Ion Ratio Lower Upper

106 100

91 200.6 159.0 238.4





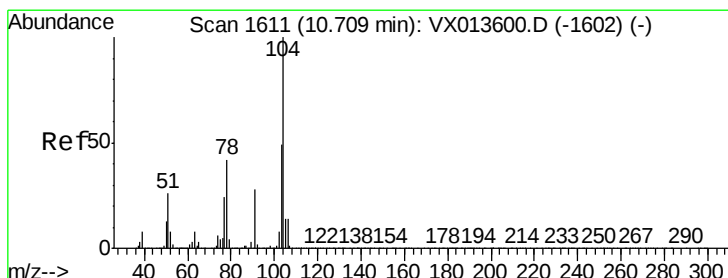
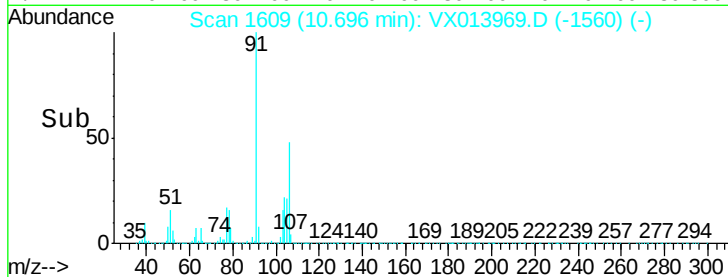
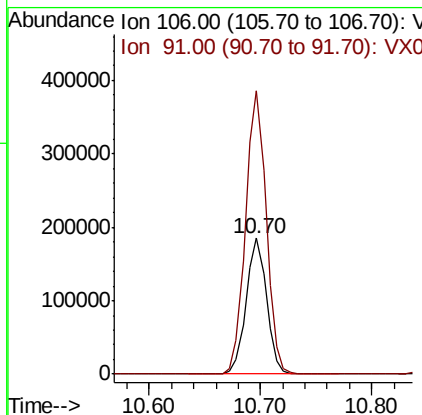
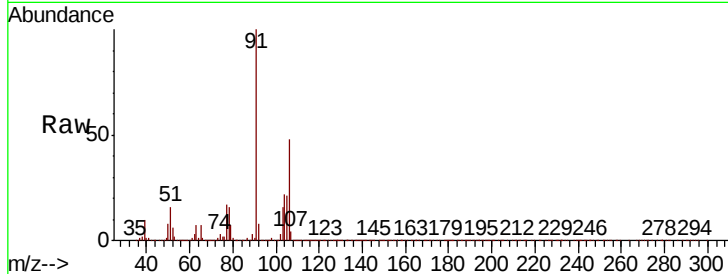
#69
o-Xylene
Concen: 21.294 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013969.D
Acq: 12 Dec 2019 12:16

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	209.9	104.1	312.2

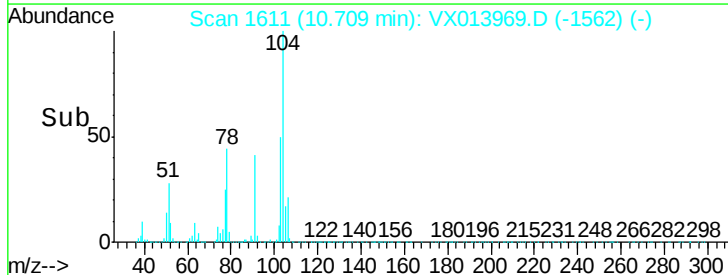
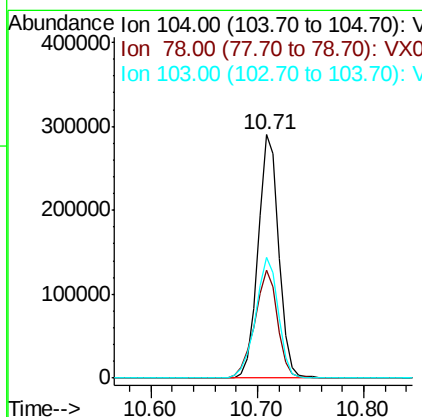
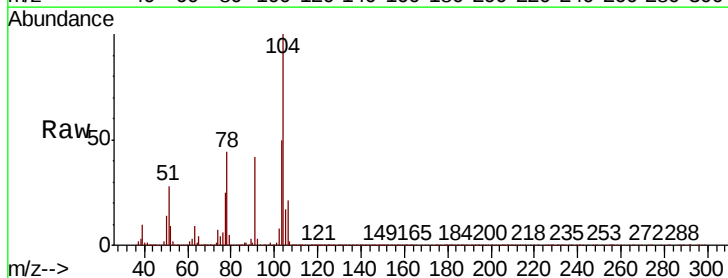
Manual Integrations
APPROVED

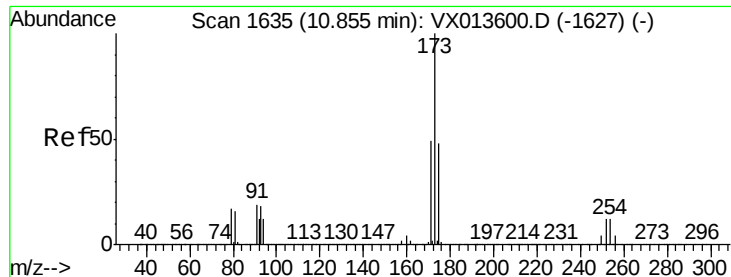
apatel
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#70
Styrene
Concen: 21.165 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013969.D
Acq: 12 Dec 2019 12:16

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.0	38.5	57.7
103	54.6	43.7	65.5





#71

Bromoform

Concen: 18.602 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013969.D

Acq: 12 Dec 2019 12:16

Instrument :

MSVOA_X

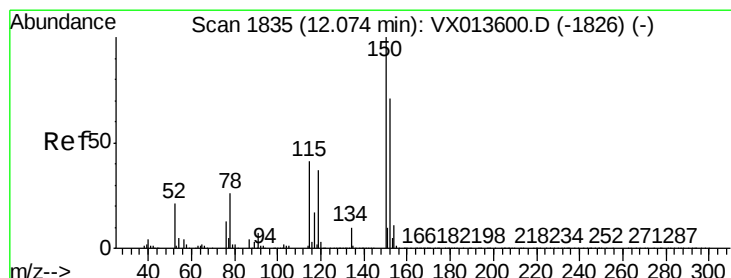
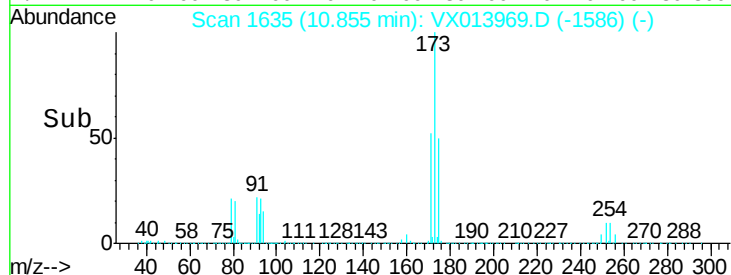
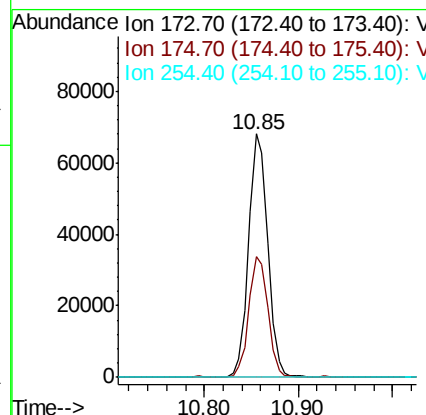
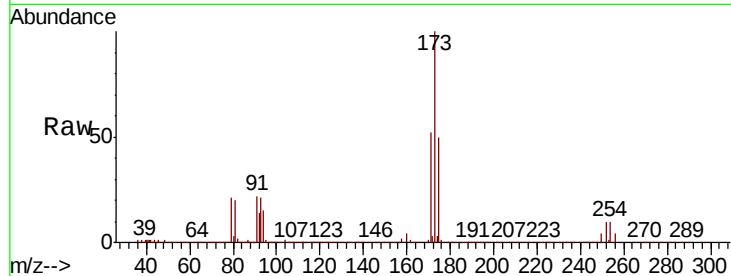
ClientSampleId :

VX1212WBS01

Tot Ion:	173	Resp:	95509
Ion Ratio	Lower	Upper	
173	100		
175	49.8	24.3	72.8
254	0.3	0.2	0.4

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

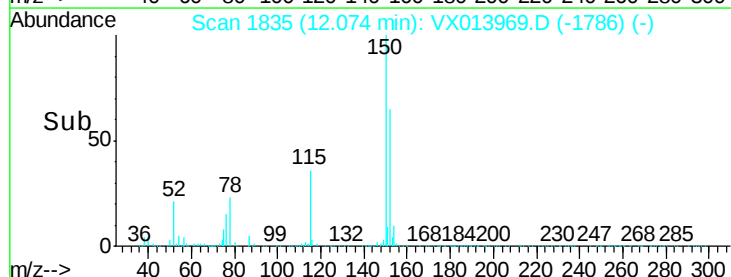
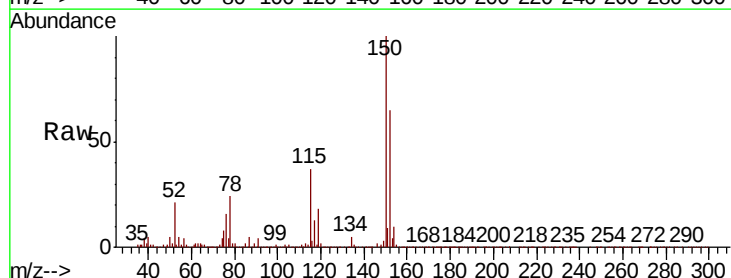
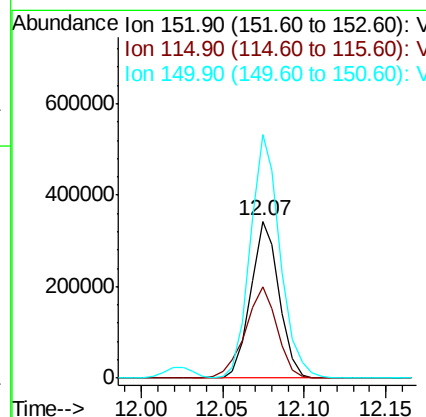
RT: 12.07 min Scan# 1835

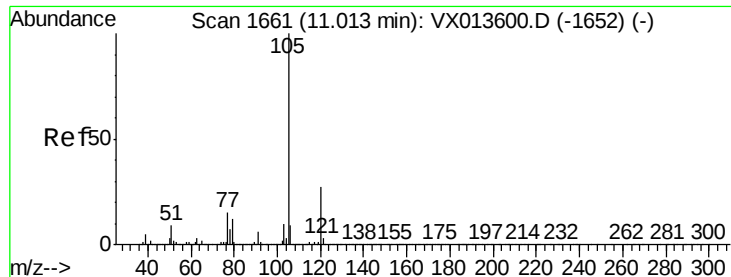
Delta R.T. 0.00 min

Lab File: VX013969.D

Acq: 12 Dec 2019 12:16

Tgt Ion:	152	Resp:	414476
Ion Ratio	Lower	Upper	
152	100		
115	65.1	38.4	115.1
150	163.0	0.0	346.8





#73

Isopropylbenzene

Concen: 21.681 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013969.D

Acq: 12 Dec 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS01

Tot Ion: 105 Resp: 630360

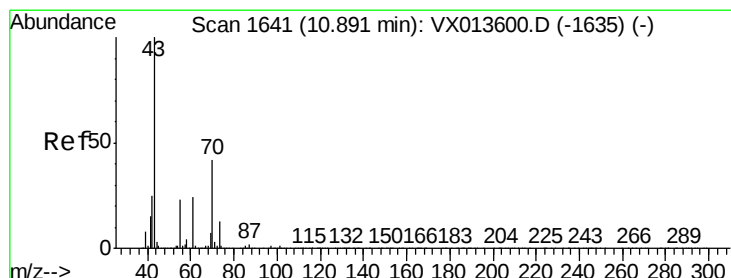
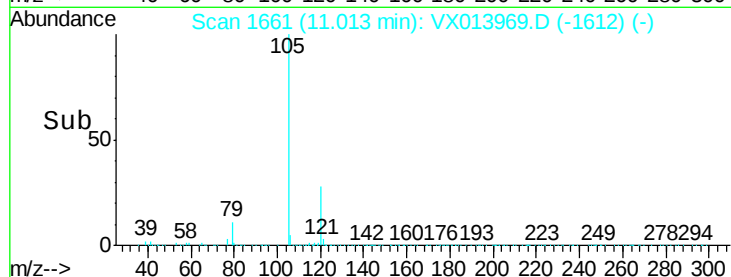
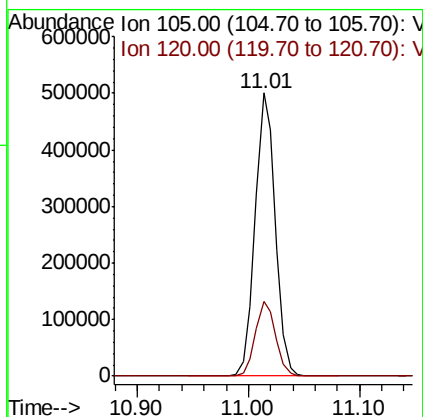
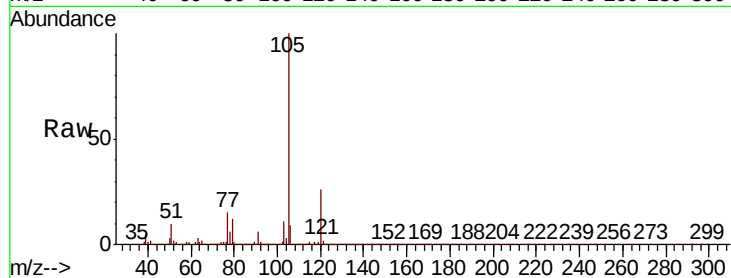
Ion Ratio Lower Upper

105 100

120 26.7 13.5 40.5

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#74

N-ethyl acetate

Concen: 20.843 ug/l

RT: 10.90 min Scan# 1642

Delta R.T. 0.01 min

Lab File: VX013969.D

Acq: 12 Dec 2019 12:16

Tgt Ion: 43 Resp: 277599

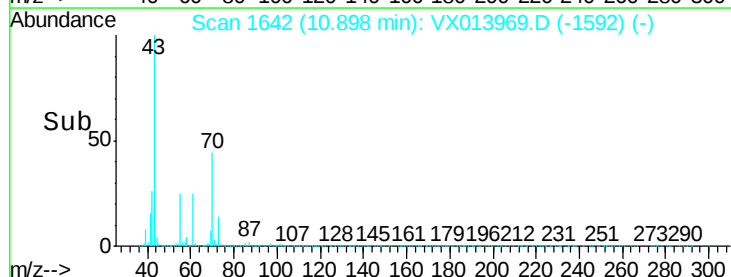
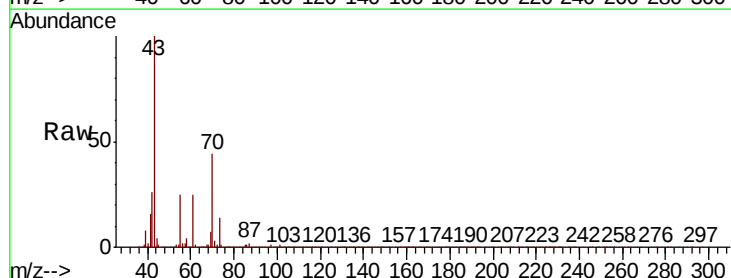
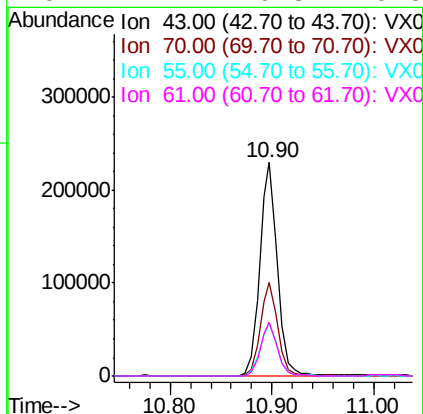
Ion Ratio Lower Upper

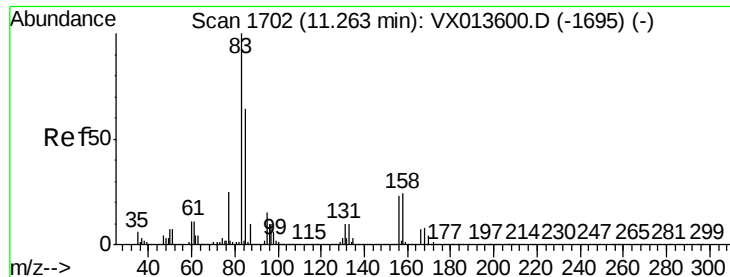
43 100

70 43.8 34.3 51.5

55 24.5 18.5 27.7

61 24.4 19.8 29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 22.217 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013969.D

Acq: 12 Dec 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS01

Tot Ion: 83 Resp: 224009

Ion Ratio Lower Upper

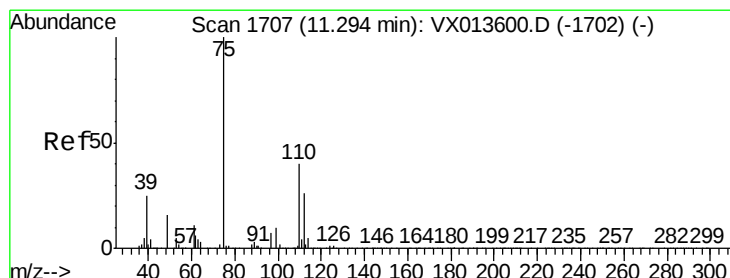
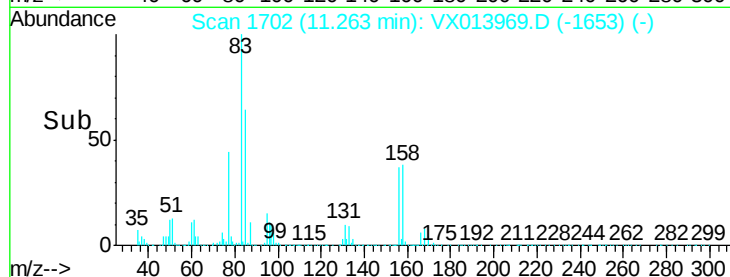
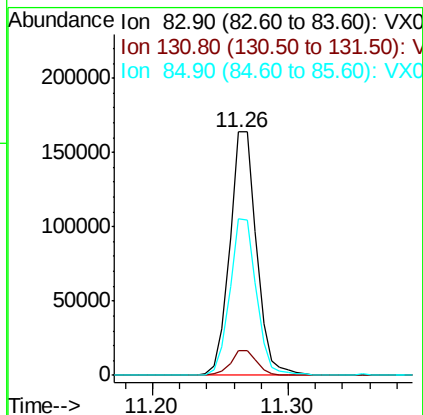
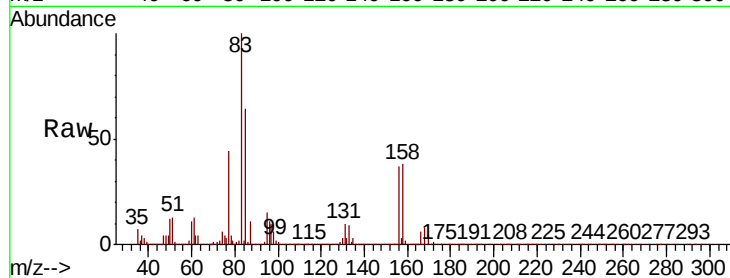
83 100

131 9.9 5.1 15.3

85 64.2 31.8 95.3

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#76

1,2,3-Trichloropropane

Concen: 19.720 ug/l m

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX013969.D

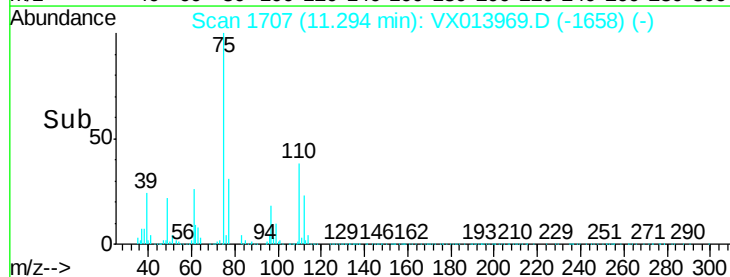
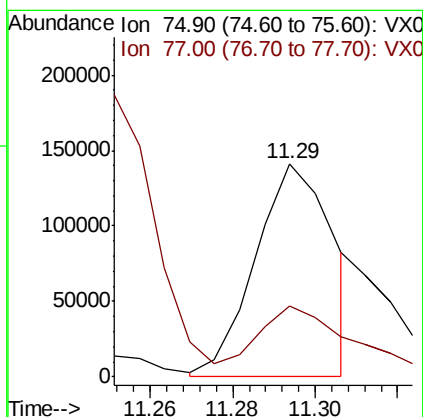
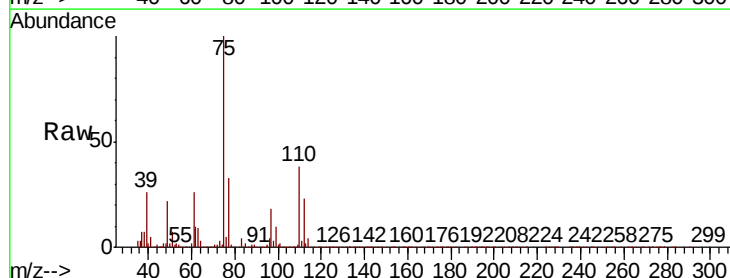
Acq: 12 Dec 2019 12:16

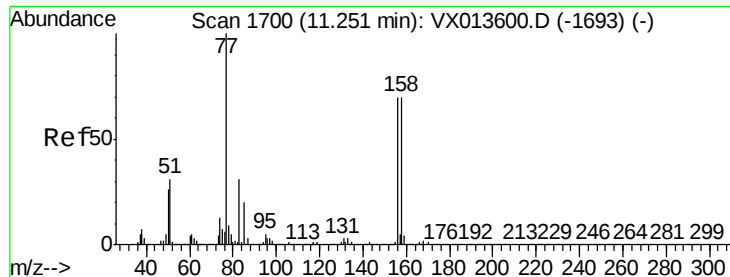
Tgt Ion: 75 Resp: 183832

Ion Ratio Lower Upper

75 100

77 41.6 19.1 57.5





#77

Bromobenzene

Concen: 20.653 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013969.D

Acq: 12 Dec 2019 12:16

Instrument :

MSVOA_X

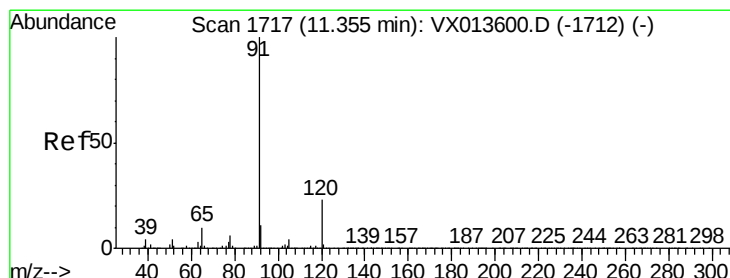
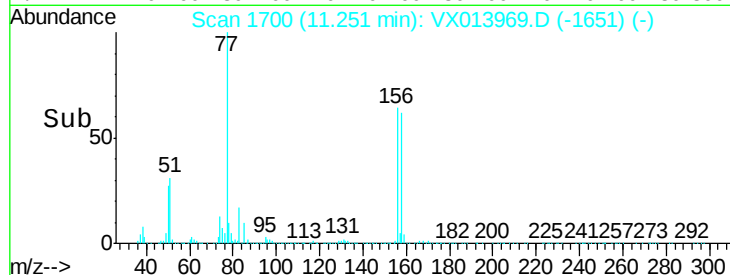
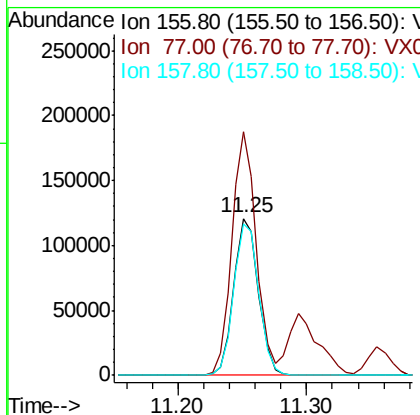
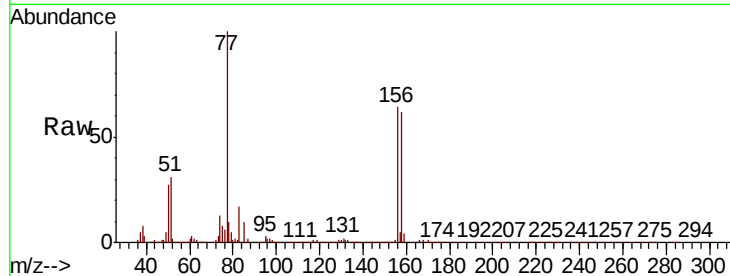
ClientSampleId :

VX1212WBS01

Tot Ion:	156	Resp:	162218
Ion Ratio	Lower	Upper	
156	100		
77	152.0	74.4	223.1
158	97.9	48.9	146.6

Manual Integrations
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#78

n-propylbenzene

Concen: 21.202 ug/l

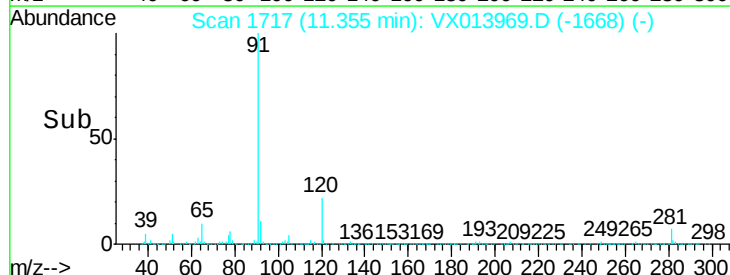
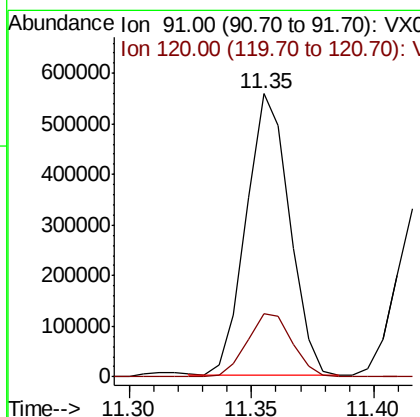
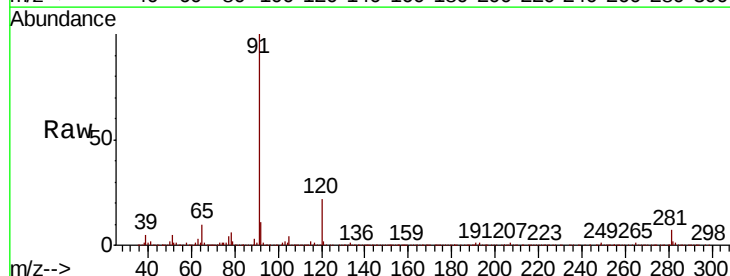
RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013969.D

Acq: 12 Dec 2019 12:16

Tgt Ion:	91	Resp:	688107
Ion Ratio	Lower	Upper	
91	100		
120	23.3	11.8	35.3





#79

2-Chlorotoluene

Concen: 21.518 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013969.D

Acq: 12 Dec 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS01

Tot Ion: 91 Resp: 418942

Ion Ratio Lower Upper

91 100

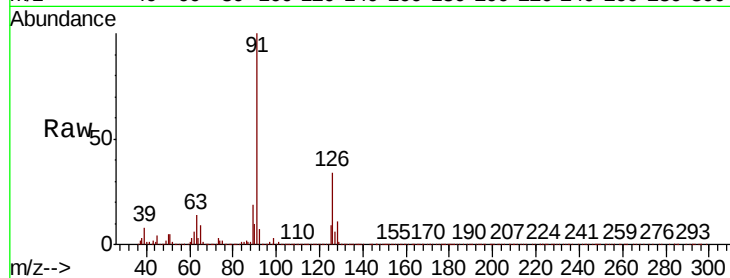
126 34.3 17.5 52.5

Manual Integrations

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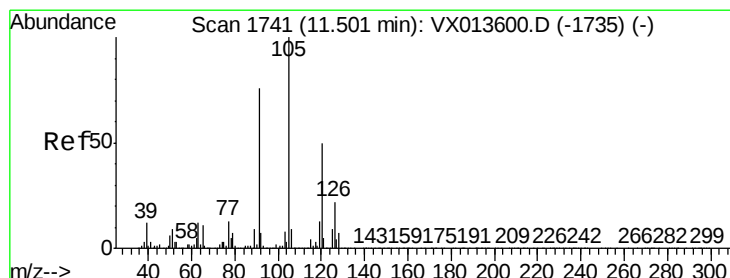
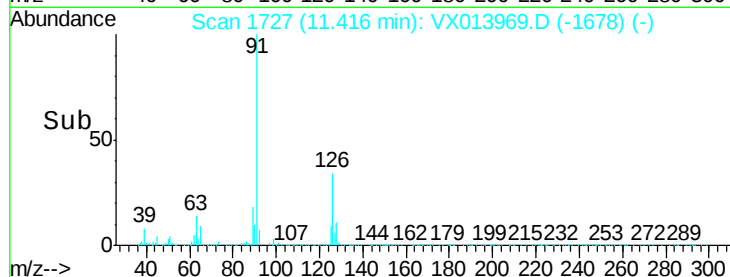
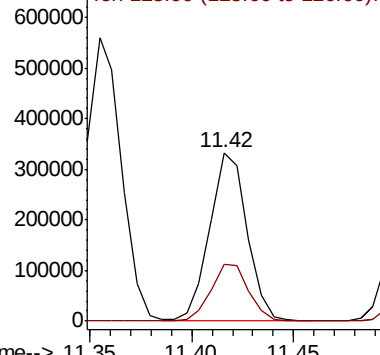
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 22.060 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013969.D

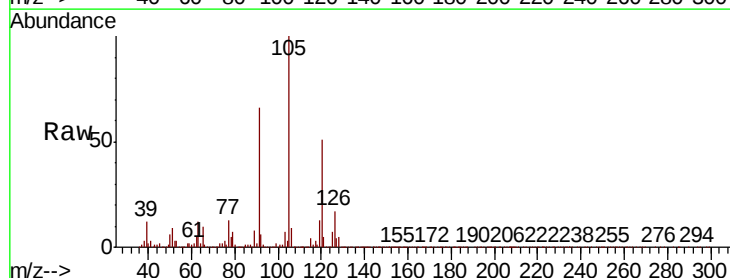
Acq: 12 Dec 2019 12:16

Tgt Ion: 105 Resp: 525671

Ion Ratio Lower Upper

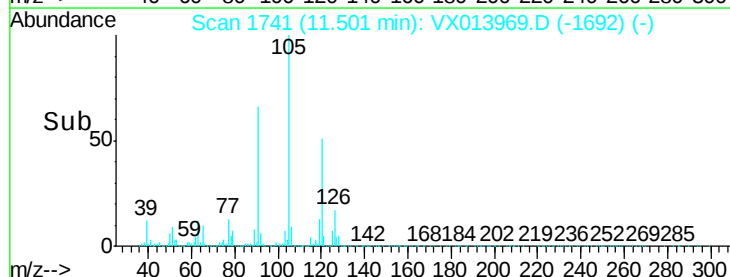
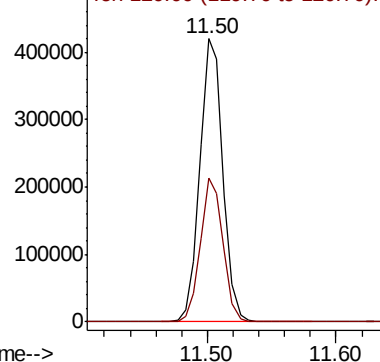
105 100

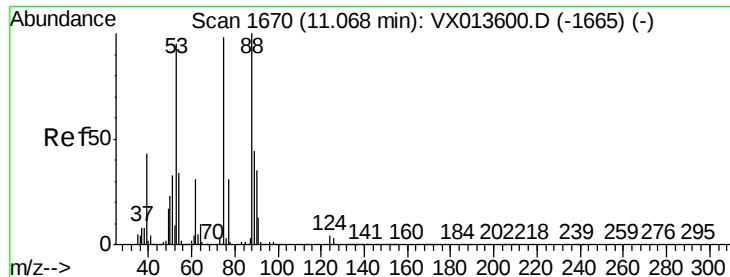
120 50.1 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





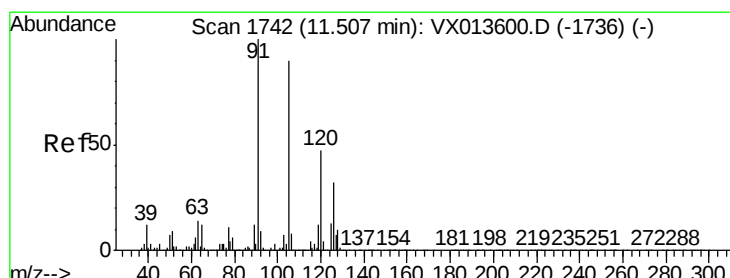
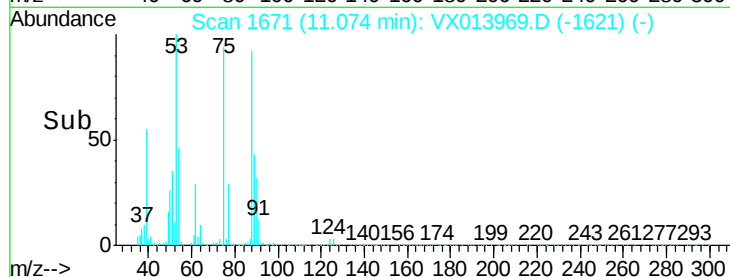
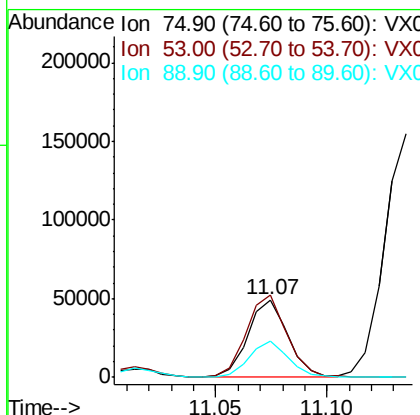
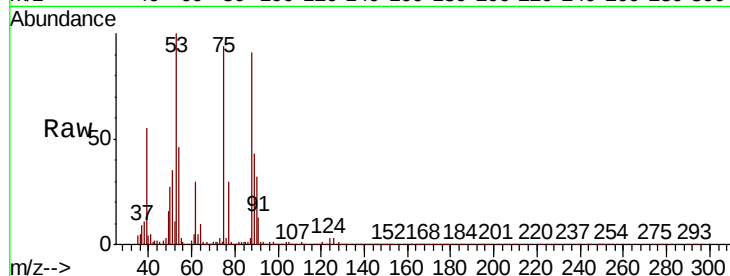
#81
trans-1,4-Dichloro-2-butene
Concen: 18.022 ug/l
RT: 11.07 min Scan# 1671
Delta R.T. 0.01 min
Lab File: VX013969.D
Acq: 12 Dec 2019 12:16

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	106.8	78.2	117.2
89	46.9	35.4	53.2

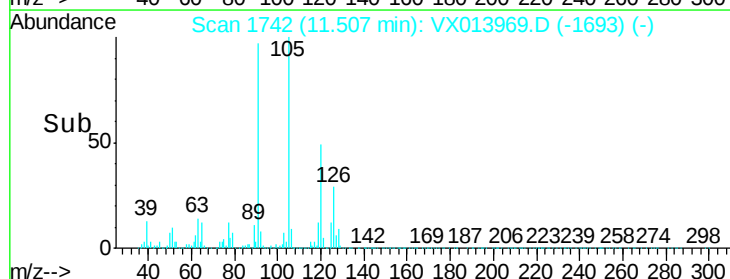
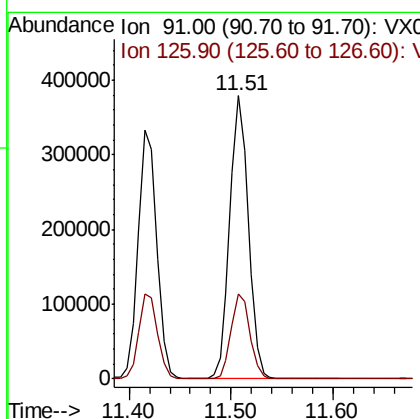
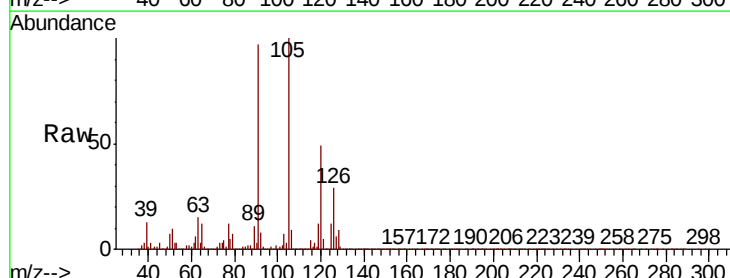
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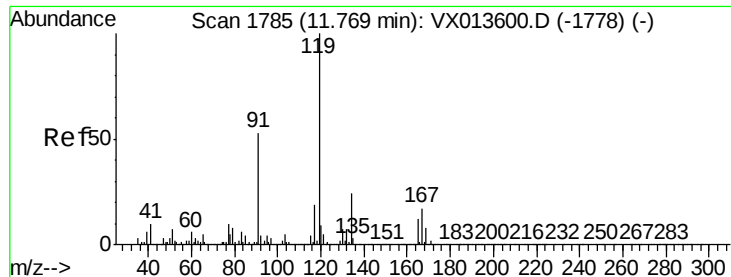
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#82
4-Chlorotoluene
Concen: 21.140 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013969.D
Acq: 12 Dec 2019 12:16

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.0	15.7	47.0





#83

tert-Butylbenzene

Concen: 21.834 ug/l

RT: 11.77 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VX013969.D

Acq: 12 Dec 2019 12:16

Instrument :

MSVOA_X

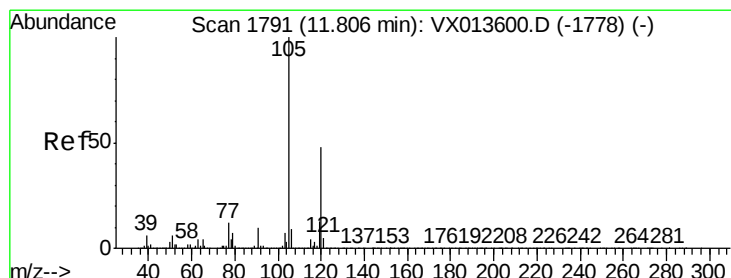
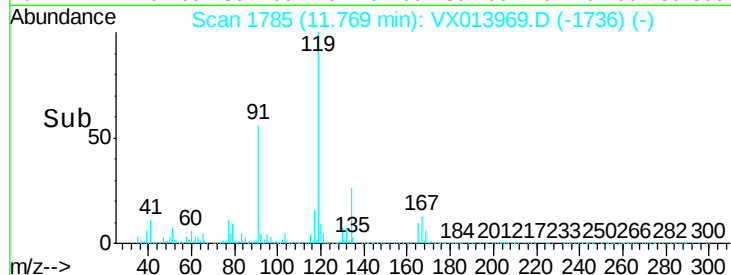
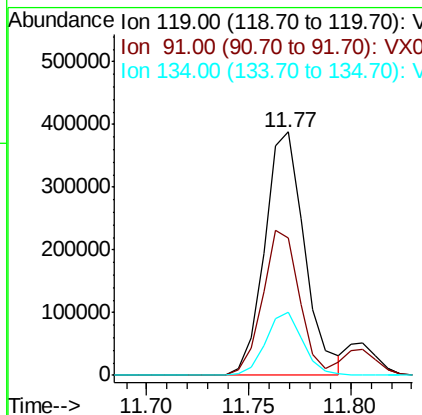
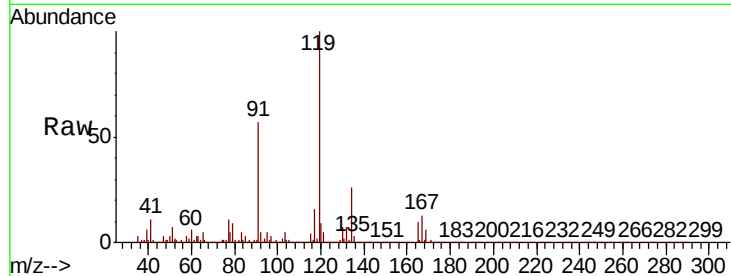
ClientSampleId :

VX1212WBS01

Tot Ion:	119	Resp:	528755
Ion Ratio	Lower	Upper	
119	100		
91	54.8	27.2	81.6
134	24.3	11.7	35.1

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 21.730 ug/l

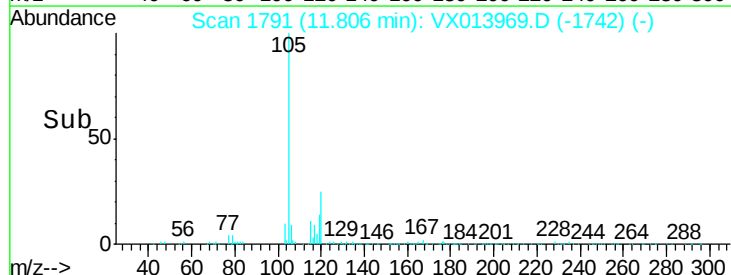
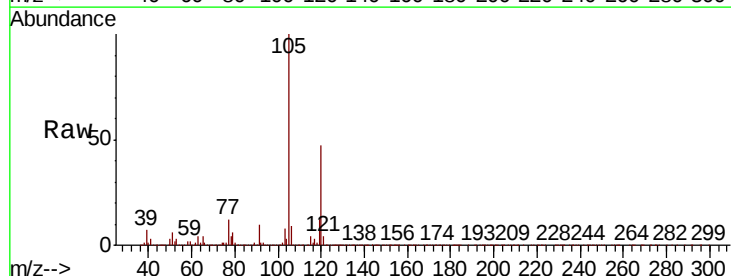
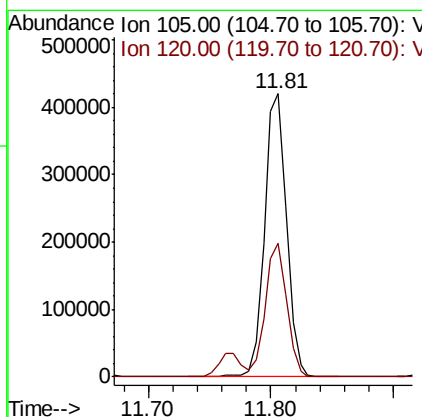
RT: 11.81 min Scan# 1791

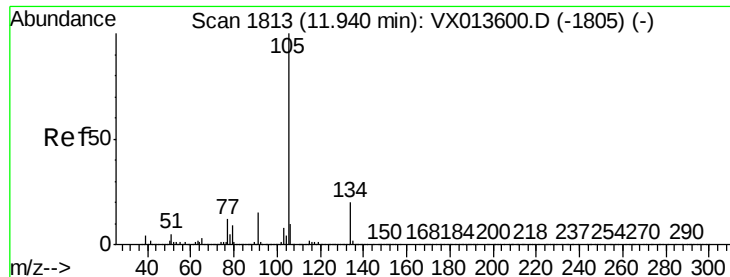
Delta R.T. 0.00 min

Lab File: VX013969.D

Acq: 12 Dec 2019 12:16

Tgt Ion:	105	Resp:	525513
Ion Ratio	Lower	Upper	
105	100		
120	45.8	23.1	69.3





#85

sec-Butylbenzene

Concen: 21.928 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013969.D

Acq: 12 Dec 2019 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX1212WBS01

Tot Ion:105 Resp: 606541

Ion Ratio Lower Upper

105 100

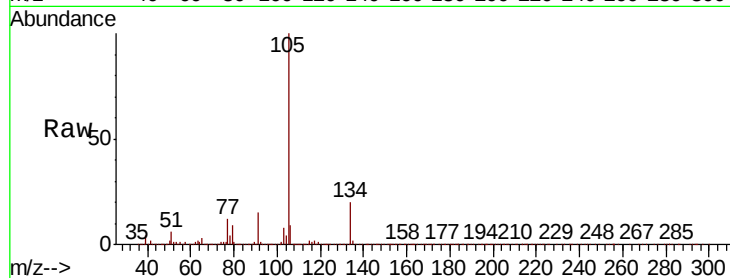
134 21.0 10.4 31.2

Manual Integrations

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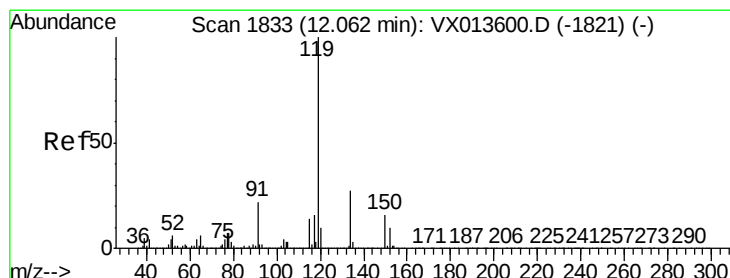
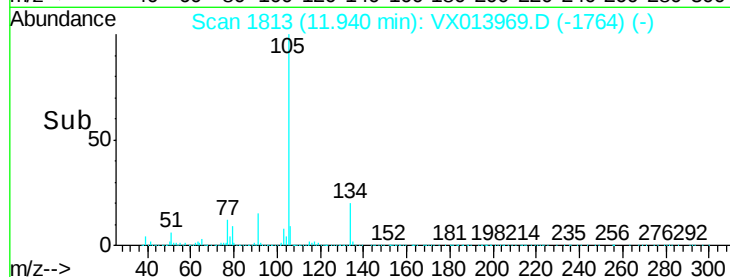
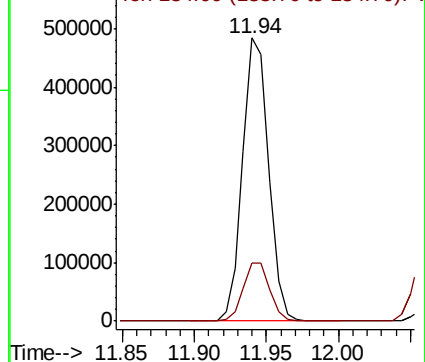
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.555 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013969.D

Acq: 12 Dec 2019 12:16

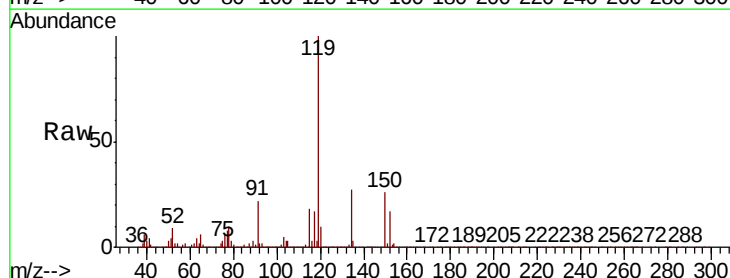
Tgt Ion:119 Resp: 554669

Ion Ratio Lower Upper

119 100

134 26.9 13.3 39.9

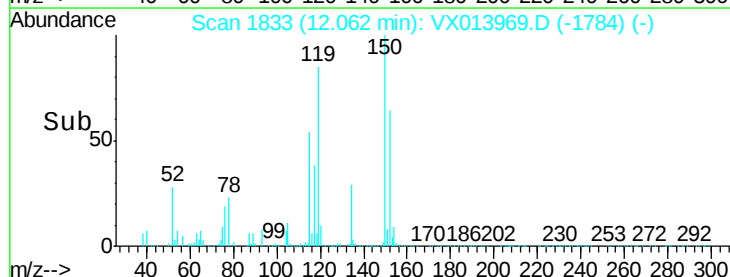
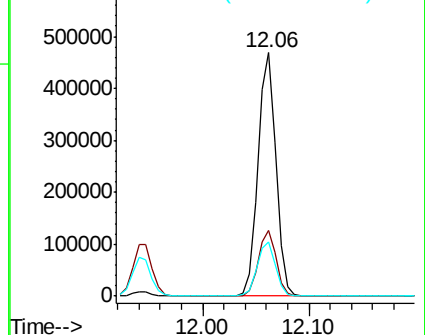
91 22.8 11.3 33.8

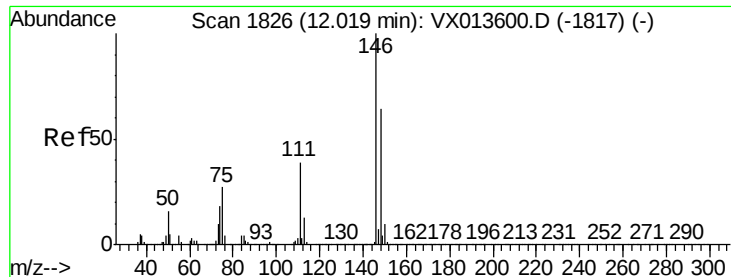


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 20.768 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX013969.D

Acq: 12 Dec 2019 12:16

Instrument :

MSVOA_X

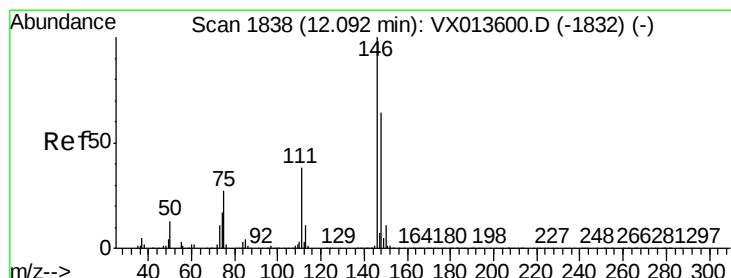
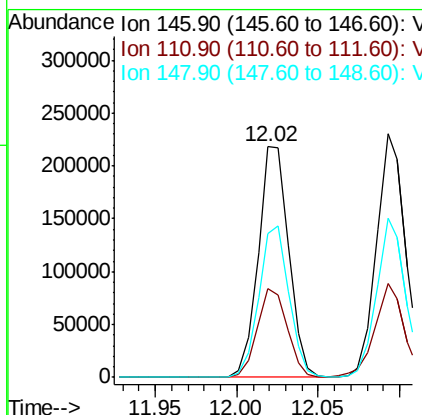
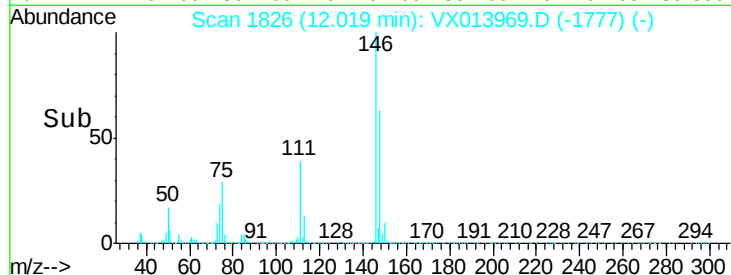
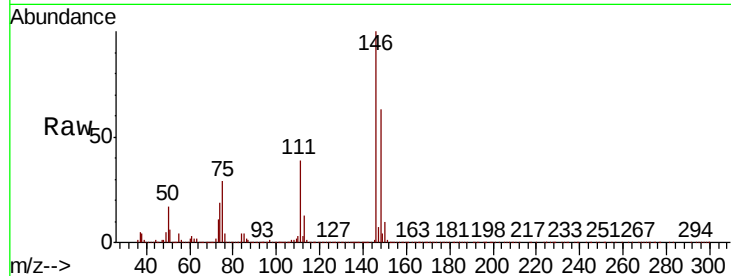
ClientSampleId :

VX1212WBS01

Tot Ion:	146	Resp:	284345
Ion Ratio	Lower	Upper	
146	100		
111	37.9	19.0	57.0
148	64.7	31.8	95.4

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 20.255 ug/l

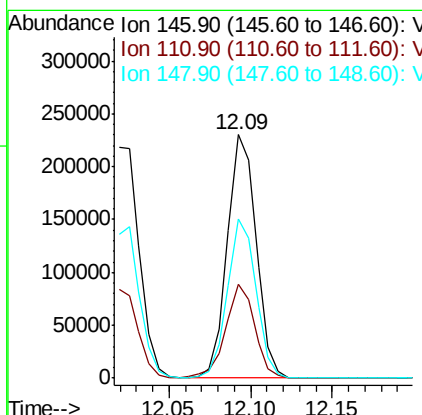
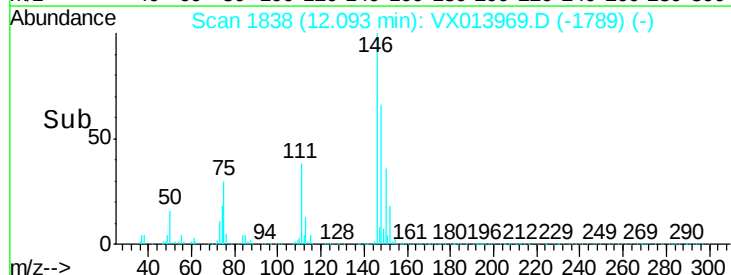
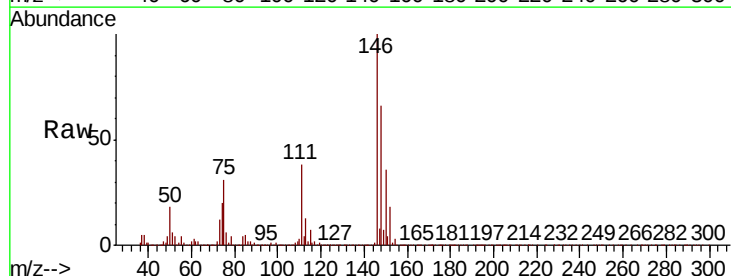
RT: 12.09 min Scan# 1838

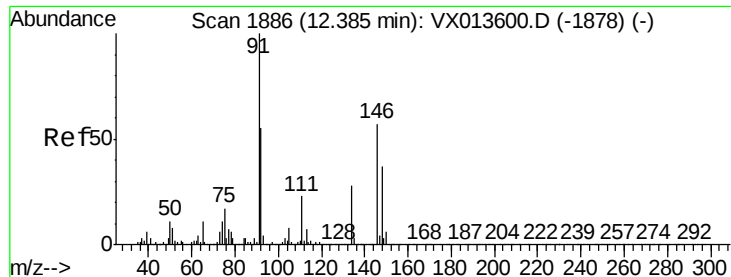
Delta R.T. 0.00 min

Lab File: VX013969.D

Acq: 12 Dec 2019 12:16

Tgt Ion:	146	Resp:	282470
Ion Ratio	Lower	Upper	
146	100		
111	38.7	18.9	56.9
148	65.3	31.9	95.5





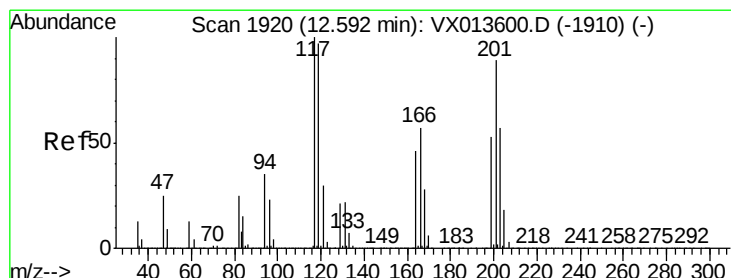
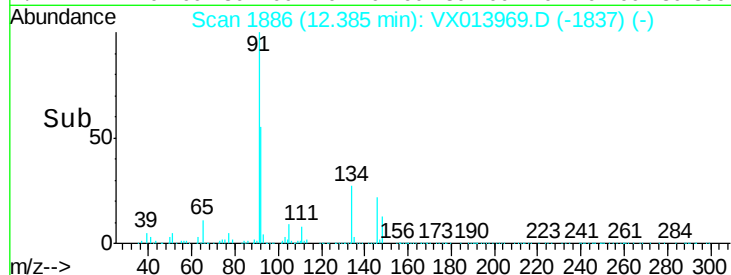
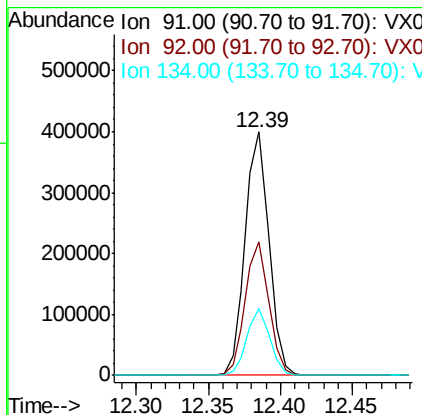
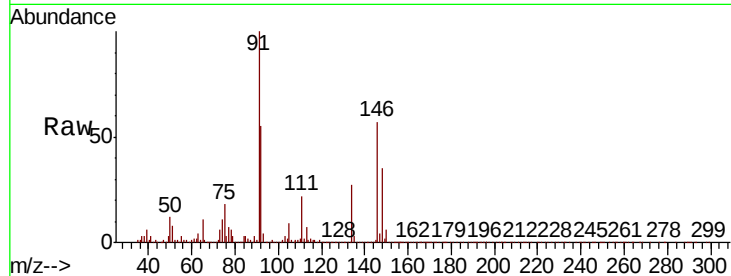
#89
n-Butylbenzene
Concen: 20.865 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013969.D
Acq: 12 Dec 2019 12:16

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.5	27.4	82.2
134	26.3	13.5	40.4

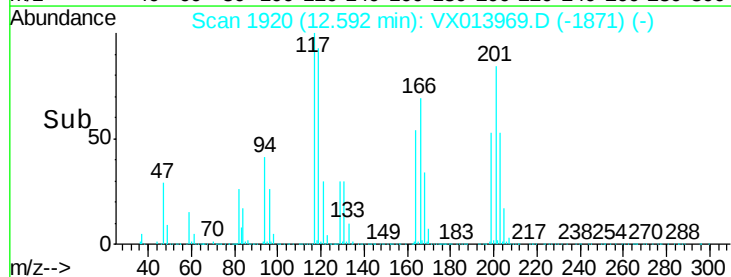
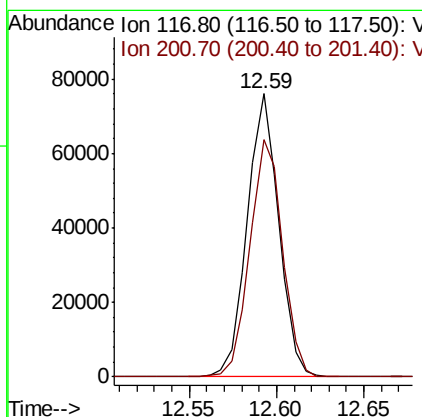
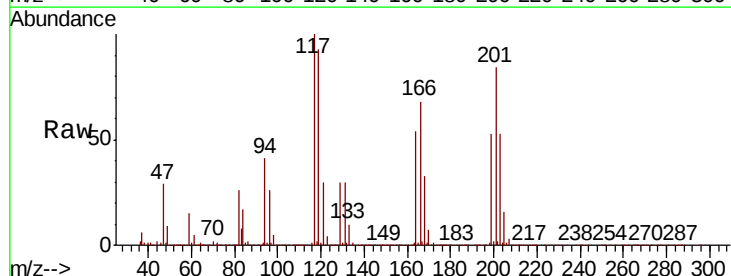
Manual Integrations
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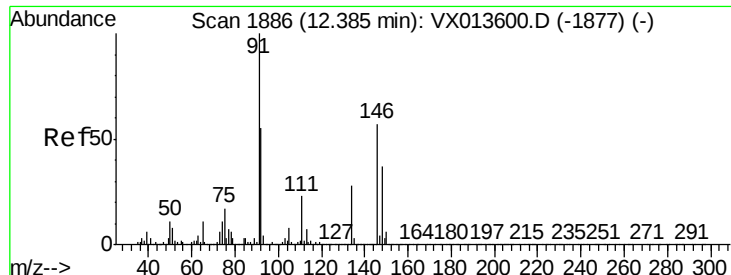
apatel
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#90
Hexachloroethane
Concen: 20.368 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013969.D
Acq: 12 Dec 2019 12:16

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.5	44.1	132.4





#91

1,2-Dichlorobenzene

Concen: 21.765 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013969.D

Acq: 12 Dec 2019 12:16

Instrument :

MSVOA_X

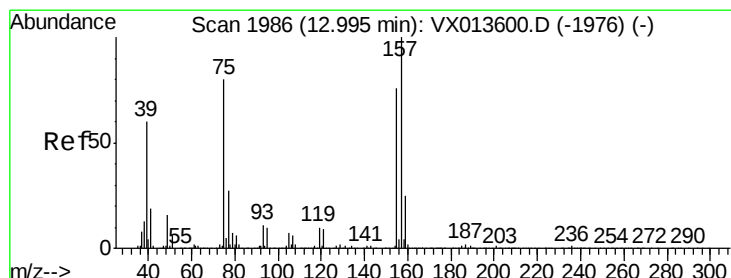
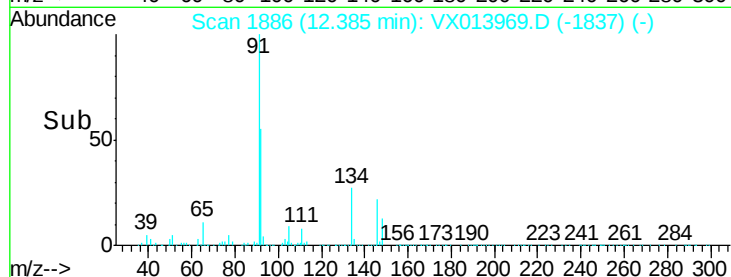
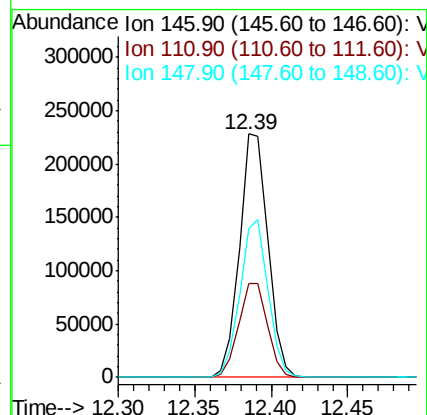
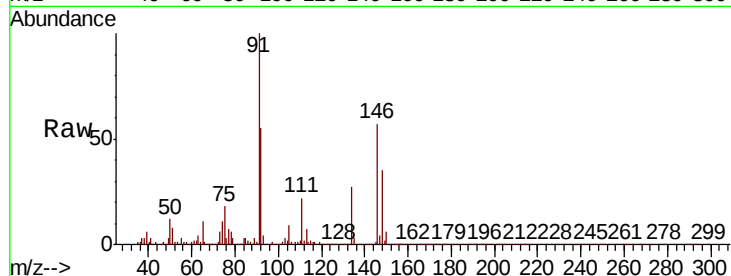
ClientSampleId :

VX1212WBS01

Tot Ion:	146	Resp:	294430
Ion Ratio	Lower	Upper	
146	100		
111	39.2	19.6	58.7
148	63.7	31.9	95.7

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 18.253 ug/l

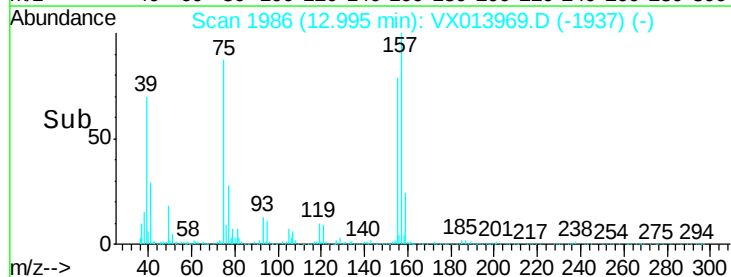
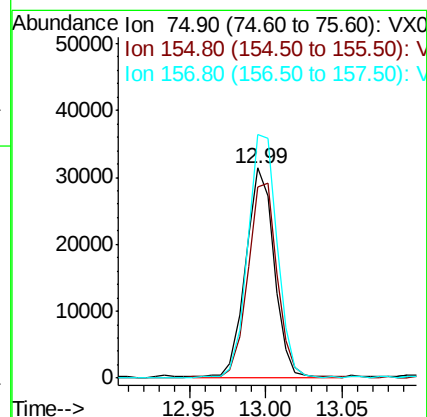
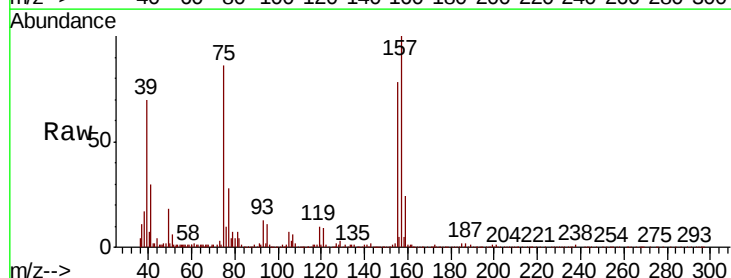
RT: 12.99 min Scan# 1886

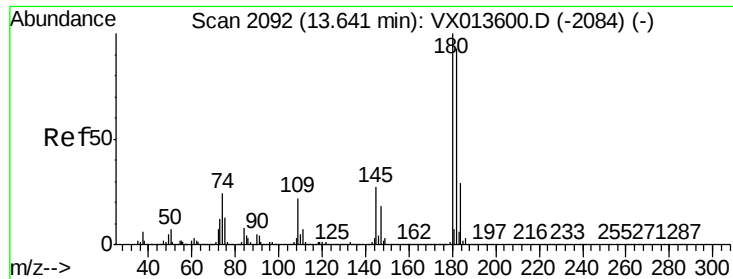
Delta R.T. 0.00 min

Lab File: VX013969.D

Acq: 12 Dec 2019 12:16

Tgt Ion:	75	Resp:	40077
Ion Ratio	Lower	Upper	
75	100		
155	96.4	47.6	142.8
157	122.1	62.1	186.2





#93

1,2,4-Trichlorobenzene

Concen: 19.551 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX013969.D

Acq: 12 Dec 2019 12:16

Instrument :

MSVOA_X

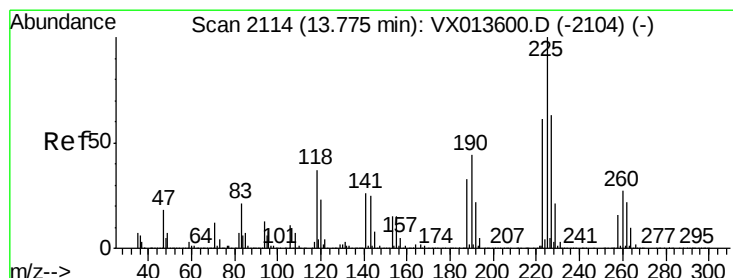
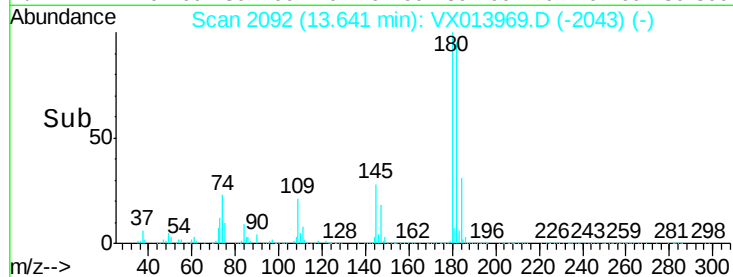
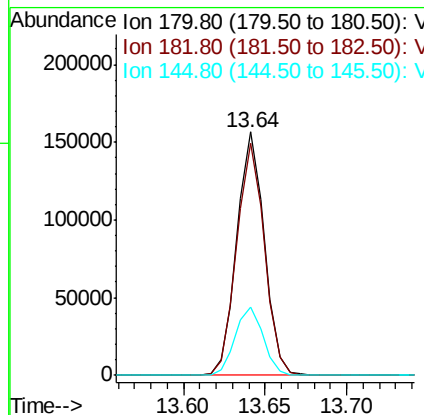
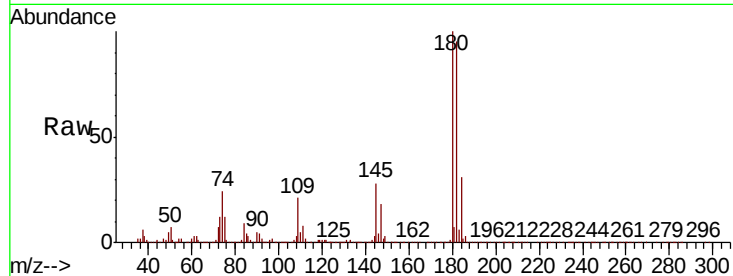
ClientSampleId :

VX1212WBS01

Tot Ion:	180	Resp:	184327
Ion Ratio	Lower	Upper	
180	100		
182	95.8	47.2	141.6
145	28.7	13.8	41.4

Manual Integrations
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#94

Hexachlorobutadiene

Concen: 21.216 ug/l

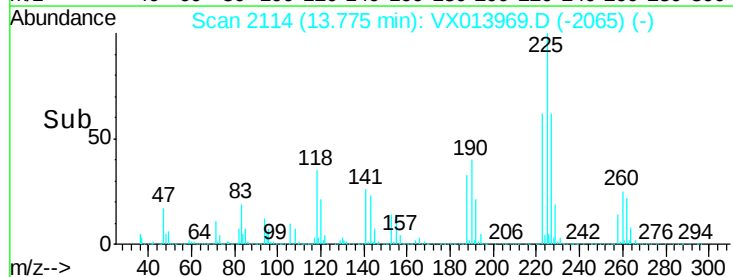
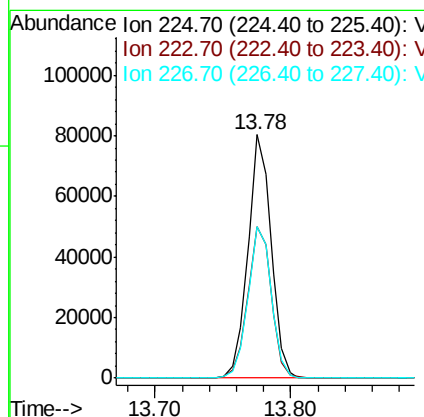
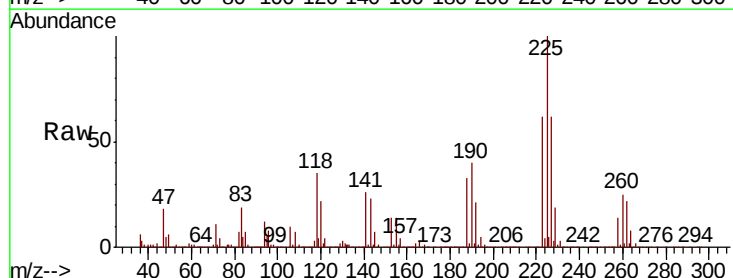
RT: 13.78 min Scan# 2114

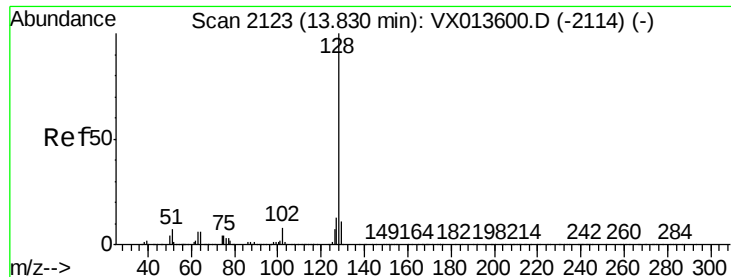
Delta R.T. 0.00 min

Lab File: VX013969.D

Acq: 12 Dec 2019 12:16

Tgt Ion:	225	Resp:	96086
Ion Ratio	Lower	Upper	
225	100		
223	63.2	31.9	95.5
227	62.8	32.1	96.3





#95

Naphthalene

Concen: 19.513 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX013969.D

Acq: 12 Dec 2019 12:16

Instrument :

MSVOA_X

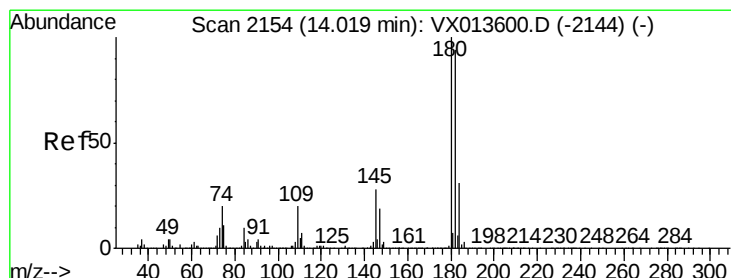
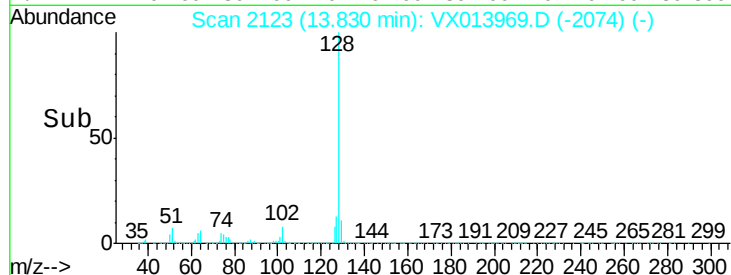
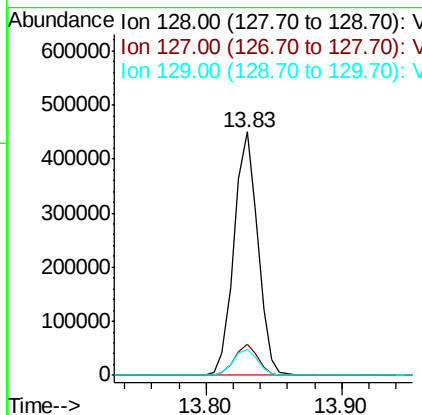
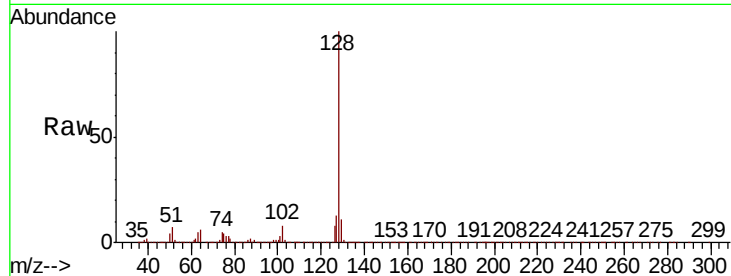
ClientSampleId :

VX1212WBS01

Tot Ion:	128	Resp:	547850
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.3	15.5
129	10.7	8.7	13.1

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 20.214 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.01 min

Lab File: VX013969.D

Acq: 12 Dec 2019 12:16

Tgt Ion:	180	Resp:	188691
Ion Ratio	Lower	Upper	
180	100		
182	96.6	47.6	142.8
145	29.7	15.0	45.0

