

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121219\
 Data File : VX013995.D
 Acq On : 13 Dec 2019 00:30
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
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 12/13/2019 12:40:12 PM

Quant Time: Dec 13 01:32:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X121219W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 13 01:15:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	85417	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	496826	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	458389	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	184297	29.16	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.20%
60) 4-Bromofluorobenzene	11.14	95	228450	30.90	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	103.00%
63) Toluene-d8	8.71	98	600331	28.94	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	96.47%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	631092	105.113	ug/l 99
3) Chloromethane	1.31	50	913684	133.126	ug/l 97
4) Vinyl Chloride	1.40	62	936357	122.745	ug/l 100
5) Bromomethane	1.62	94	670759	138.978	ug/l 98
6) Chloroethane	1.70	64	576640	134.574	ug/l 97
7) Trichlorofluoromethane	1.91	101	1186448	140.016	ug/l 100
8) Diethyl Ether	2.18	74	555343	143.292	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	697456	137.612	ug/l 99
10) 1,1-Dichloroethene	2.36	96	739782	141.571	ug/l 95
11) Methyl Iodide	2.50	142	1068505	164.190	ug/l 99
12) Methyl Acetate	2.76	43	1114328	123.988	ug/l 100
13) Acrolein	2.28	56	741444	749.420	ug/l 99
14) Acrylonitrile	3.14	53	2219418	666.120	ug/l 99
15) Acetone	2.44	58	584769	599.847	ug/l 88
16) Carbon Disulfide	2.56	76	2104224	145.327	ug/l 98
17) Allyl chloride	2.72	41	1362371	142.050	ug/l 99
18) Methylene Chloride	2.84	84	850945	140.786	ug/l 97
19) trans-1,2-Dichloroethene	3.15	96	809616	144.156	ug/l 99
20) Diisopropyl ether	3.85	45	2714300	144.882	ug/l 90
21) 1,1-Dichloroethane	3.69	63	1473789	144.844	ug/l 99
22) cis-1,2-Dichloroethene	4.58	96	942723	146.569	ug/l 99
23) tert-Butyl Alcohol	3.06	59	881324	560.510	ug/l 100
24) Methyl tert-Butyl Ether	3.19	73	2504290	143.965	ug/l 100
25) Chloroform	5.20	83	1409275	141.957	ug/l 100
26) Cyclohexane	5.57	56	1327303	143.546	ug/l # 98
29) 1,1-Dichloropropene	5.79	75	1102461	145.698	ug/l 100
30) 2-Butanone	4.67	43	3069015	636.130	ug/l 99
31) 2,2-Dichloropropane	4.57	77	1026039	129.355	ug/l 98
32) 1,1,1-Trichloroethane	5.48	97	1221962	146.327	ug/l 99
33) Carbon Tetrachloride	5.78	117	1054844	146.153	ug/l 99
34) Benzene	6.14	78	3369938	146.513	ug/l 98
35) Methacrylonitrile	5.03	41	698537	141.420	ug/l 96
36) 1,2-Dichloroethane	6.18	62	1138460	142.360	ug/l 99
37) Trichloroethene	7.21	130	910574	147.188	ug/l 97
38) Methylcyclohexane	7.46	83	1320752	143.546	ug/l 99
39) 1,2-Dichloropropane	7.51	63	872800	146.466	ug/l 92
40) Dibromomethane	7.65	93	566358	144.041	ug/l 100

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X121219W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 13 01:15:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	1148884	150.836	ug/l	99
42) Vinyl Acetate	3.81	43	11492837	731.109	ug/l	99
43) Ethyl Acetate	4.83	43	1233806	138.048	ug/l	100
44) Isopropyl Acetate	6.43	43	2085284	143.869	ug/l	99
45) 1,4-Dioxane	7.74	88	374974	2375.797	ug/l	98
46) Methyl methacrylate	7.76	41	1043266	144.516	ug/l	99
47) n-amyl Acetate	10.89	43	2007195	156.829	ug/l	98
48) t-1,3-Dichloropropene	9.04	75	1318092	154.700	ug/l	97
49) cis-1,3-Dichloropropene	8.43	75	1431241	152.741	ug/l	98
50) 1,1,2-Trichloroethane	9.21	97	857636	146.573	ug/l	99
51) Ethyl methacrylate	9.17	69	1472410	153.271	ug/l	99
52) 1,3-Dichloropropane	9.37	76	1467073	146.539	ug/l	99
53) Dibromochloromethane	9.58	129	955809	155.891	ug/l	99
54) 1,2-Dibromoethane	9.67	107	908413	146.601	ug/l	98
55) 2-Chloroethyl vinyl ether	8.31	63	3080487	749.330	ug/l	100
56) Bromoform	10.85	173	790529	162.625	ug/l	98
58) 4-Methyl-2-Pentanone	8.64	43	6401220	679.618	ug/l	98
59) 2-Hexanone	9.49	43	4890572	663.419	ug/l	98
61) Tetrachloroethene	9.33	164	852079	148.445	ug/l	96
62) Toluene	8.78	91	3591041	141.315	ug/l	99
64) Chlorobenzene	10.14	112	2313948	144.874	ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.21	131	874779	147.381	ug/l	100
66) Ethyl Benzene	10.25	91	4049535	144.887	ug/l	96
67) m/p-Xylenes	10.35	106	3128867	289.937	ug/l	97
68) o-Xylene	10.70	106	1551131	148.177	ug/l	98
69) Styrene	10.71	104	2711386	152.631	ug/l	99
70) Isopropylbenzene	11.01	105	3998473	145.997	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	1427959	145.744	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	1257396m	148.256	ug/l	
73) Bromobenzene	11.25	156	1089988	150.380	ug/l	100
74) n-propylbenzene	11.35	91	4636514	148.962	ug/l	97
75) 2-Chlorotoluene	11.42	91	2778525	149.467	ug/l	99
76) 1,3,5-Trimethylbenzene	11.50	105	3479064	150.794	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	485691	150.008	ug/l	85
78) 4-Chlorotoluene	11.51	91	3243248	152.192	ug/l	98
79) tert-butylbenzene	11.77	119	3484993	150.981	ug/l	98
80) 1,2,4-Trimethylbenzene	11.81	105	3475189	150.863	ug/l	99
81) sec-Butylbenzene	11.94	105	4022083	151.532	ug/l	98
82) p-Isopropyltoluene	12.06	119	3674839	151.067	ug/l	99
83) 1,3-Dichlorobenzene	12.03	146	1952705	153.428	ug/l	100
84) 1,4-Dichlorobenzene	12.09	146	1962694	155.156	ug/l	100
85) n-Butylbenzene	12.38	91	3289514	157.743	ug/l	99
86) Hexachloroethane	12.59	117	723385	162.912	ug/l	97
87) 1,2-Dichlorobenzene	12.38	146	1971897	155.052	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	301720	139.544	ug/l	95
89) 1,2,4-Trichlorobenzene	13.64	180	1347467	156.093	ug/l	99
90) Hexachlorobutadiene	13.77	225	607939	146.317	ug/l	98
91) Naphthalene	13.83	128	4020258	148.632	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	1348585	154.920	ug/l	99

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Instrument :
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ClientSampleId :
VSTDICC150

Manual Integrations
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Dec 13 01:15:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

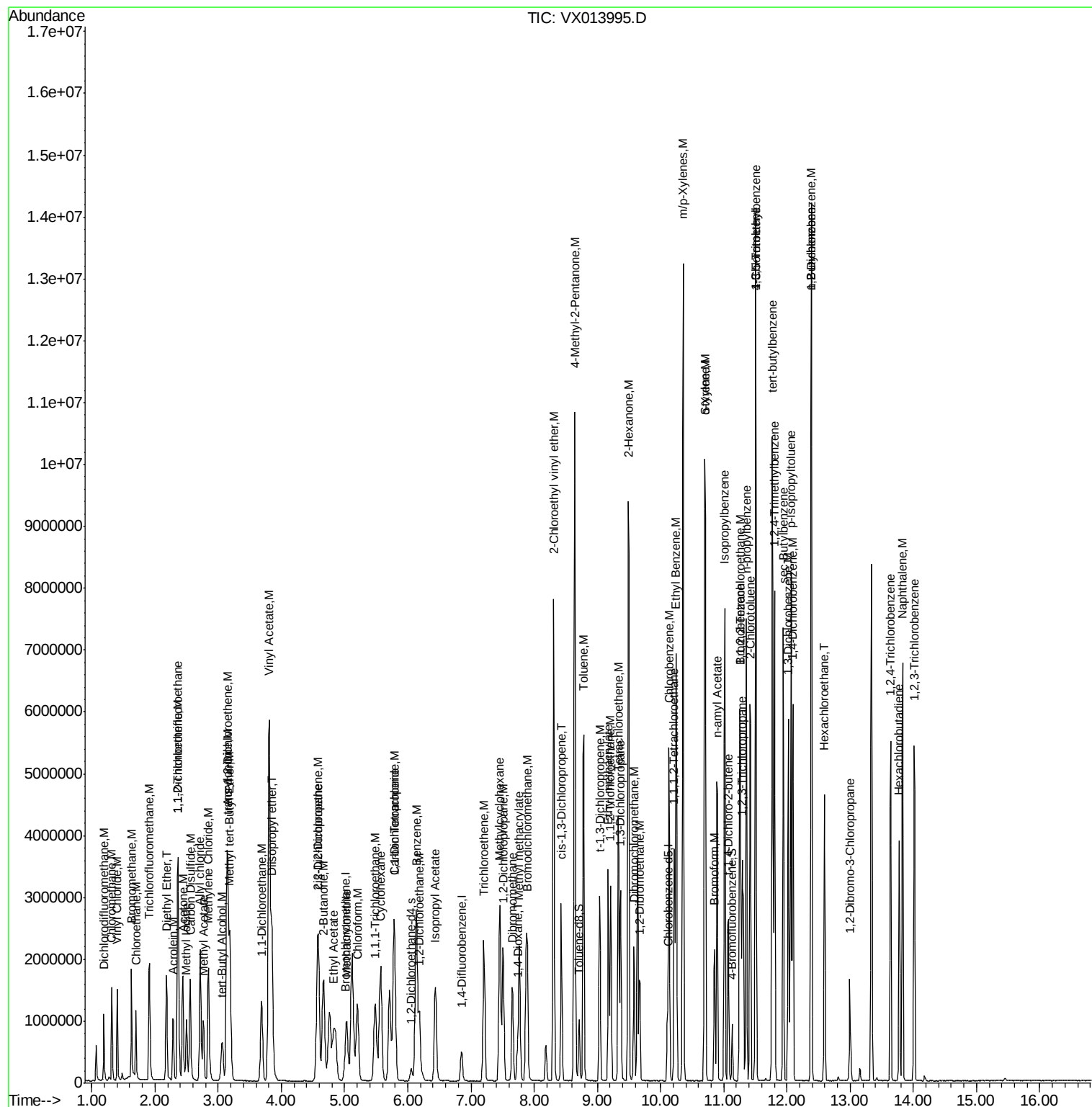
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 Data File : VX013995.D
 Acq On : 13 Dec 2019 00:30
 Operator : JC/SP
 Sample : VSTDIC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

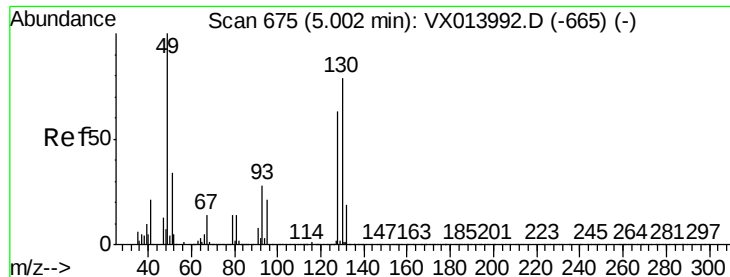
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Manual Integrations
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#1

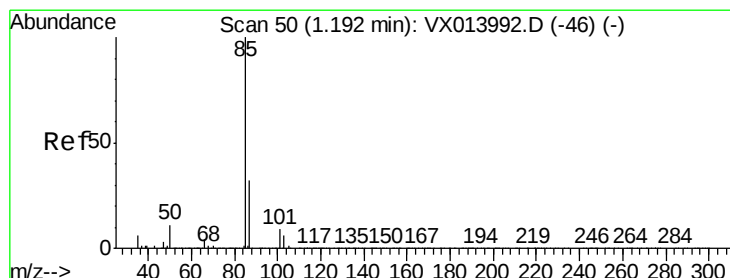
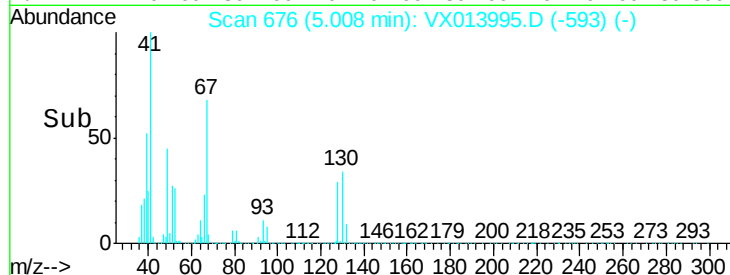
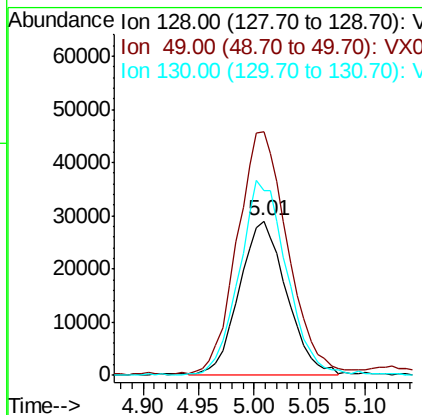
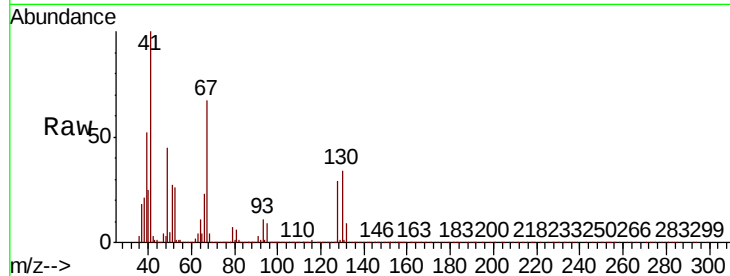
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX013995.D
Acq: 13 Dec 2019 00:30

Instrument :
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ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
128	100		
49	167.4	0.0	405.0
130	127.7	0.0	321.5

Manual Integrations
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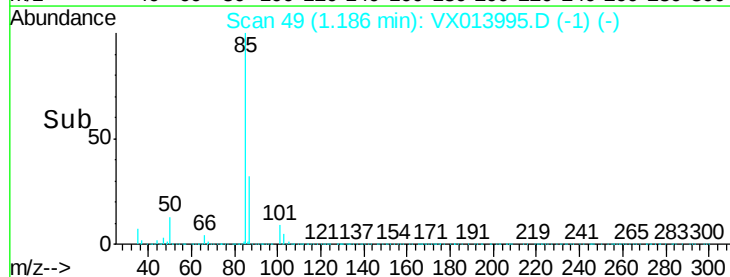
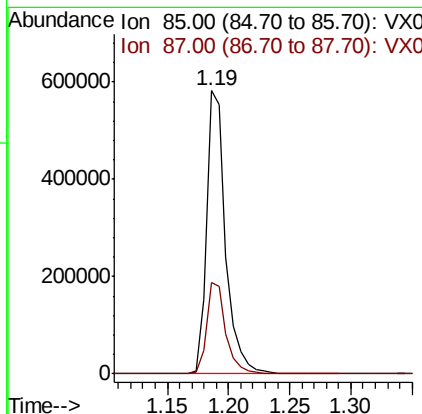
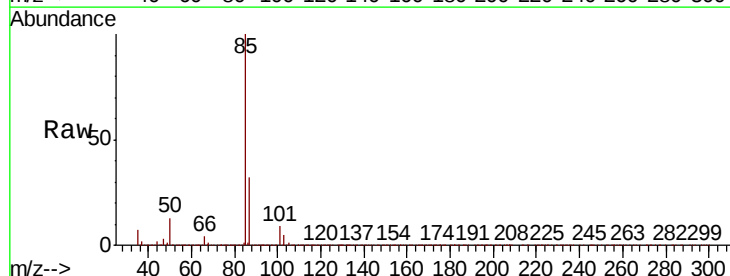
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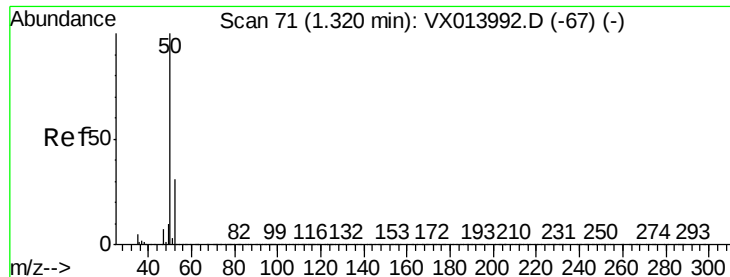


#2

Dichlorodifluoromethane
Concen: 105.113 ug/l
RT: 1.19 min Scan# 49
Delta R.T. -0.01 min
Lab File: VX013995.D
Acq: 13 Dec 2019 00:30

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.1	16.3	48.9





#3

Chloromethane

Concen: 133.126 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.01 min

Lab File: VX013995.D

Acq: 13 Dec 2019 00:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 50 Resp: 913684

Ion Ratio Lower Upper

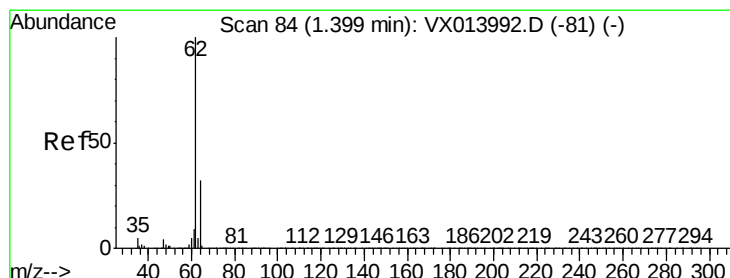
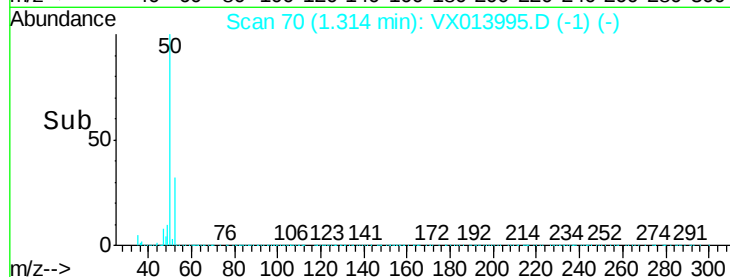
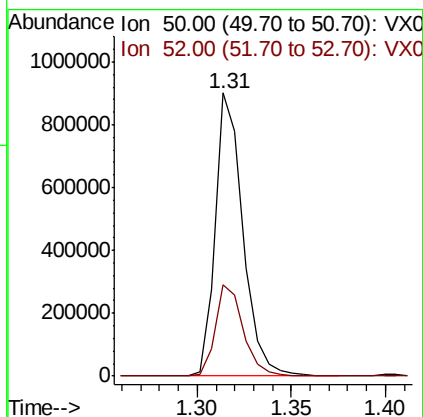
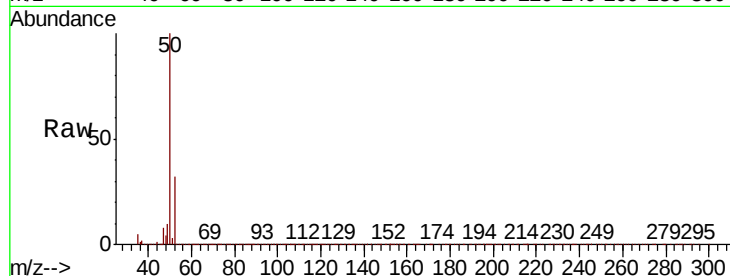
50 100

52 32.2 24.3 36.5

Manual Integrations
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#4

Vinyl Chloride

Concen: 122.745 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013995.D

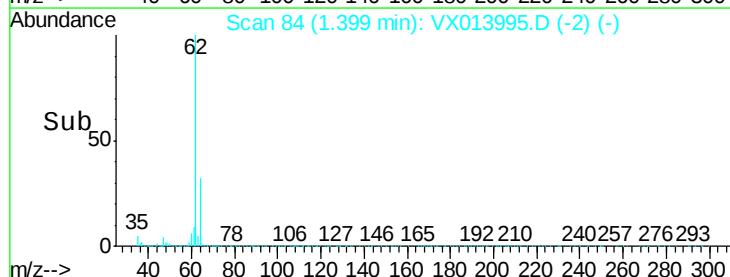
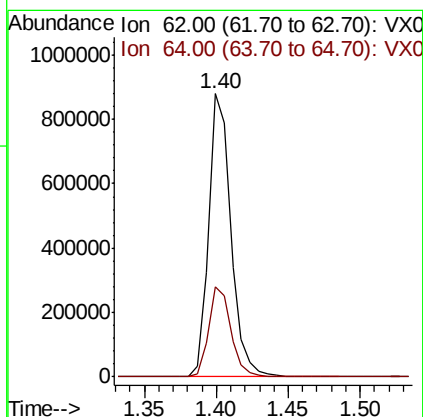
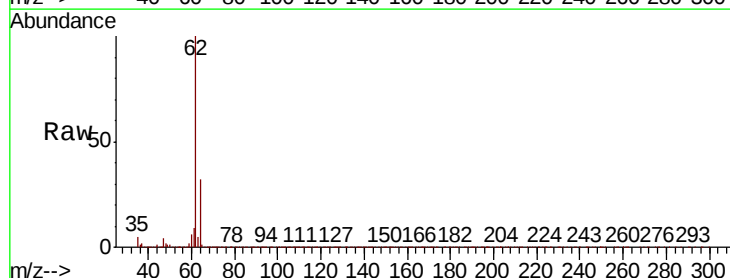
Acq: 13 Dec 2019 00:30

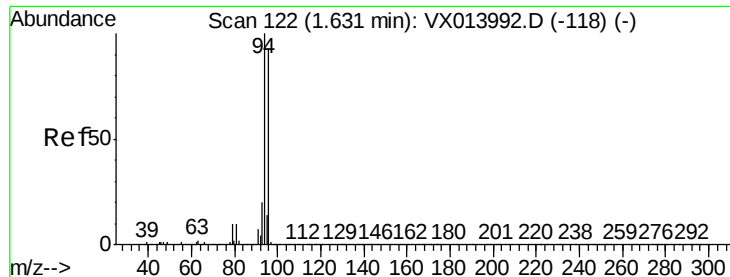
Tgt Ion: 62 Resp: 936357

Ion Ratio Lower Upper

62 100

64 31.6 25.2 37.8





#5

Bromomethane

Concen: 138.978 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.01 min

Lab File: VX013995.D

Acq: 13 Dec 2019 00:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 670759

Ion Ratio Lower Upper

94 100

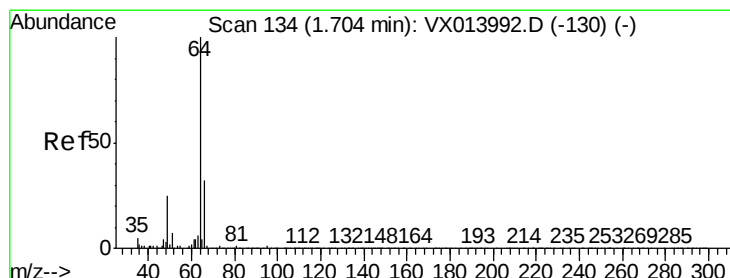
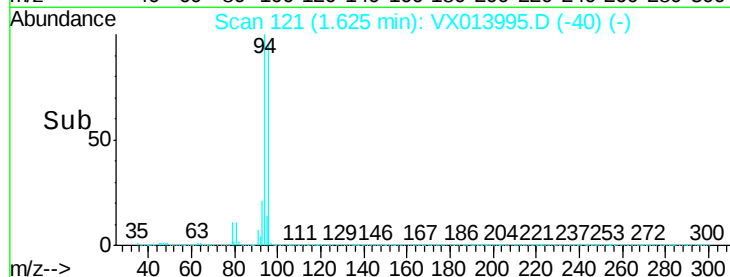
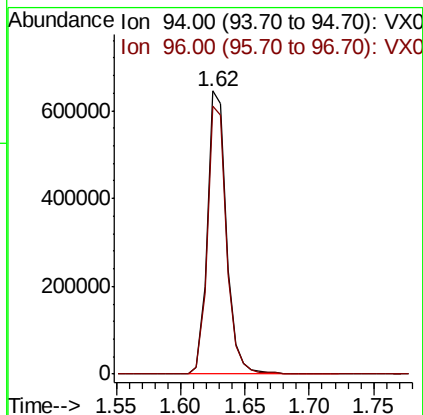
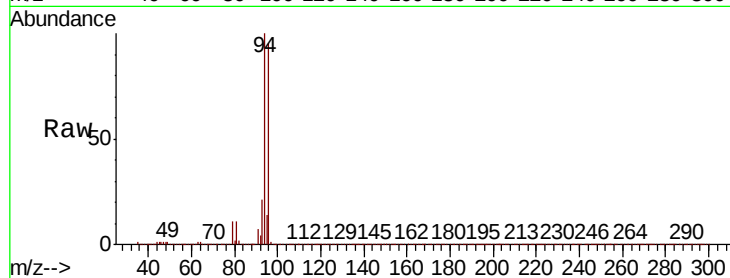
96 94.7 74.4 111.6

Manual Integrations

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#6

Chloroethane

Concen: 134.574 ug/l

RT: 1.70 min Scan# 133

Delta R.T. -0.01 min

Lab File: VX013995.D

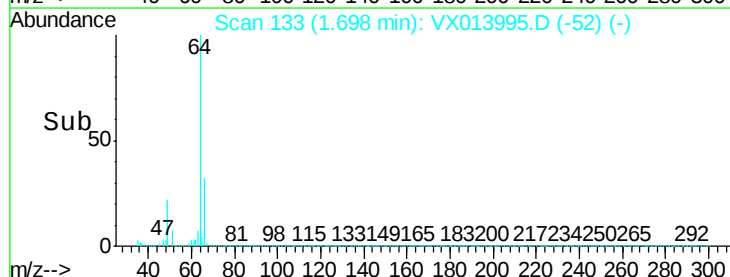
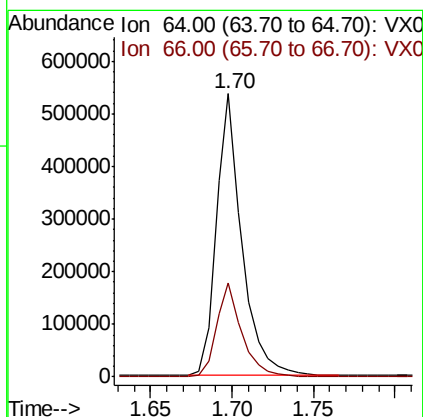
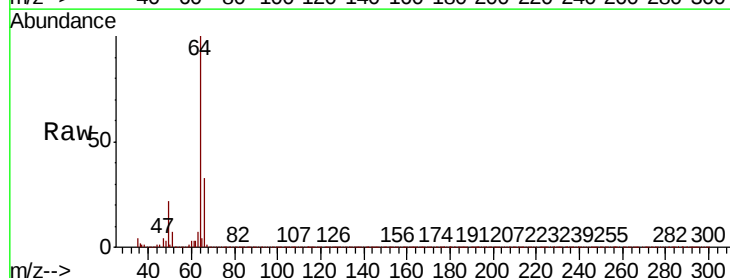
Acq: 13 Dec 2019 00:30

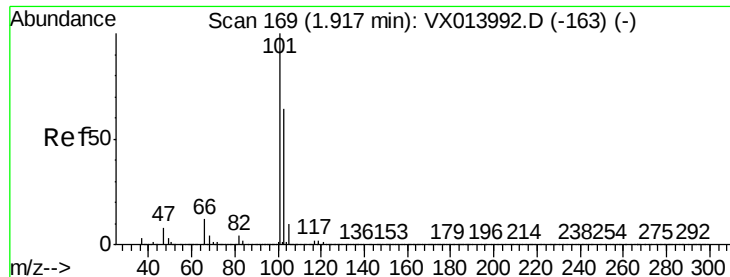
Tgt Ion: 64 Resp: 576640

Ion Ratio Lower Upper

64 100

66 33.1 25.2 37.8





#7

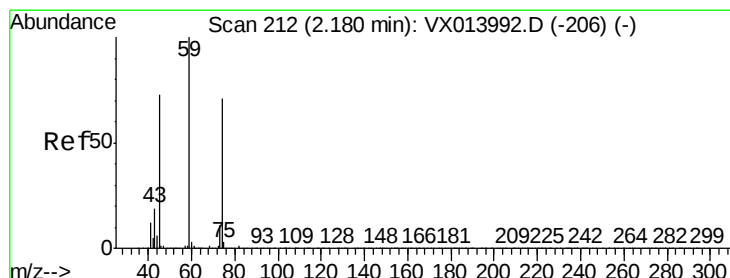
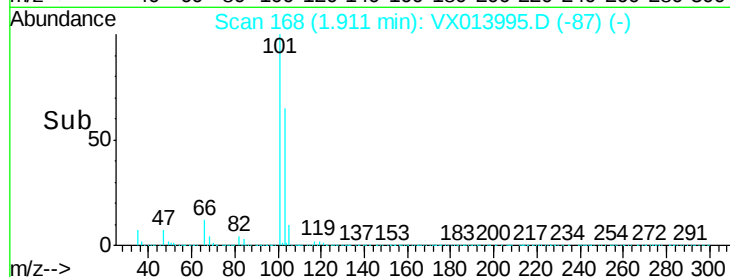
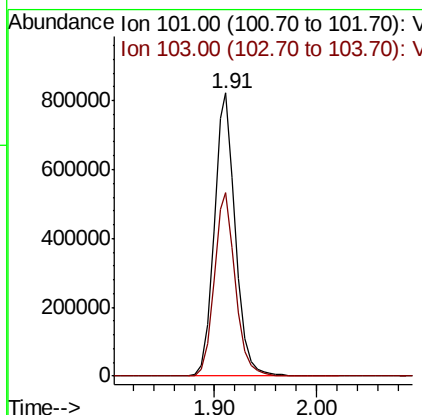
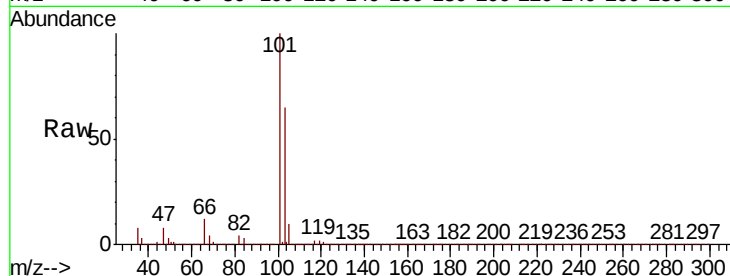
Trichlorofluoromethane
Concen: 140.016 ug/l
RT: 1.91 min Scan# 168
Delta R.T. -0.01 min
Lab File: VX013995.D
Acq: 13 Dec 2019 00:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:101 Resp: 1186448
Ion Ratio Lower Upper
101 100
103 64.7 51.6 77.4

Manual Integrations
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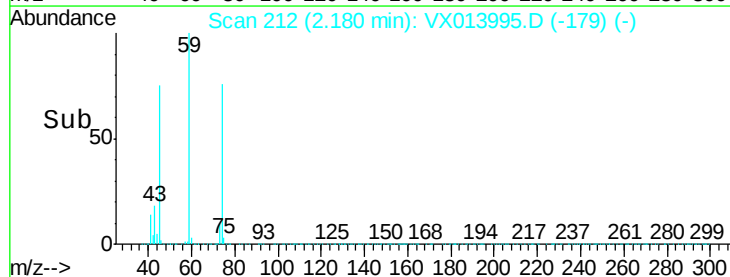
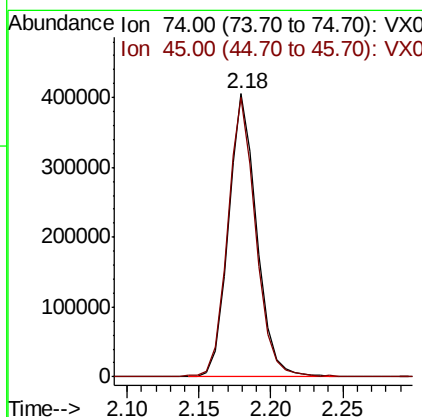
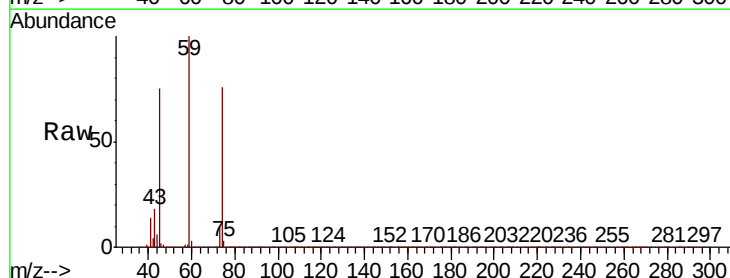
apatel
12/13/2019 12:40:12 PM

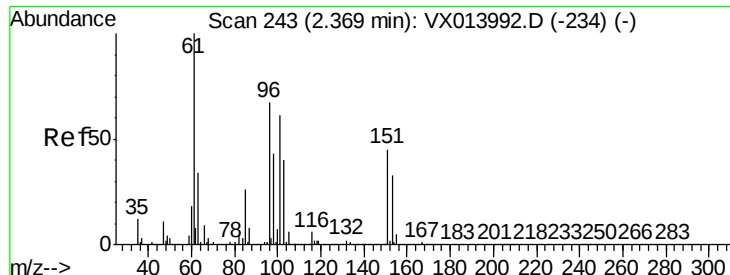


#8

Diethyl Ether
Concen: 143.292 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013995.D
Acq: 13 Dec 2019 00:30

Tgt Ion: 74 Resp: 555343
Ion Ratio Lower Upper
74 100
45 98.6 20.6 185.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 137.612 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX013995.D

Acq: 13 Dec 2019 00:30

Instrument :

MSVOA_X

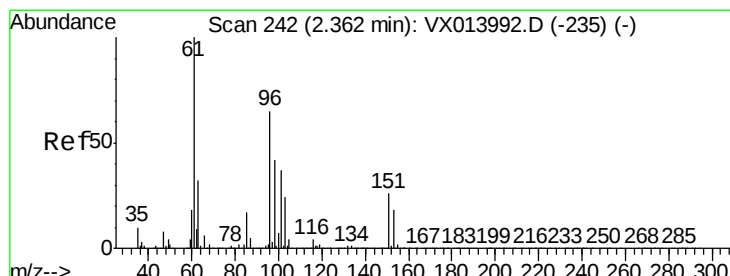
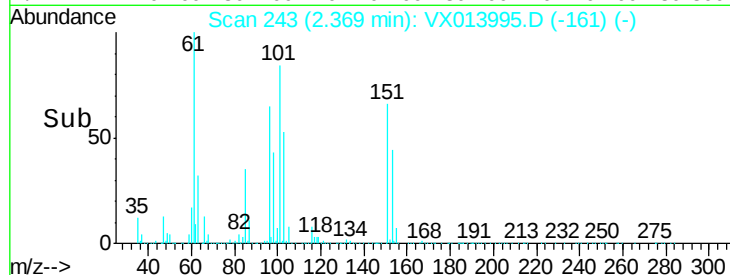
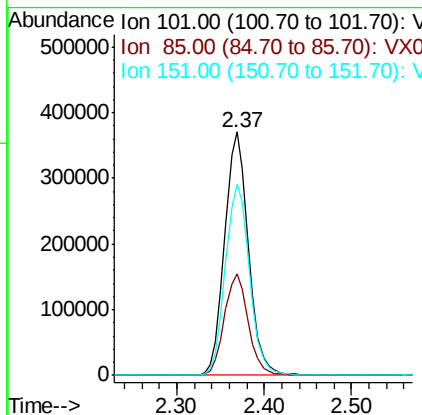
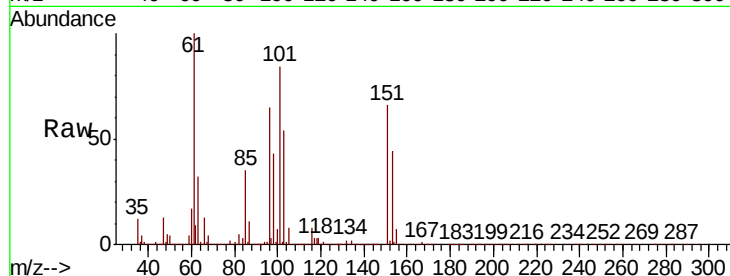
ClientSampleId :

VSTDIC150

Tot Ion:	101	Resp:	697456
Ion Ratio	Lower	Upper	
101	100		
85	41.9	0.0	85.6
151	80.4	0.0	159.4

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#10

1,1-Dichloroethene

Concen: 141.571 ug/l

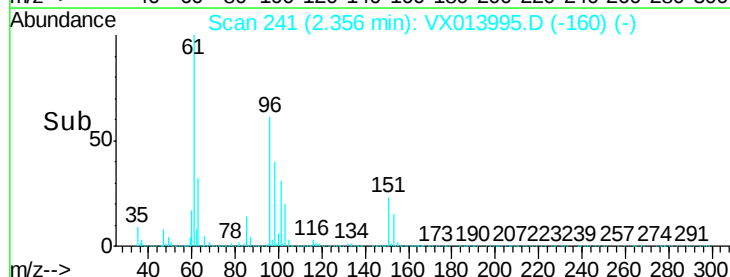
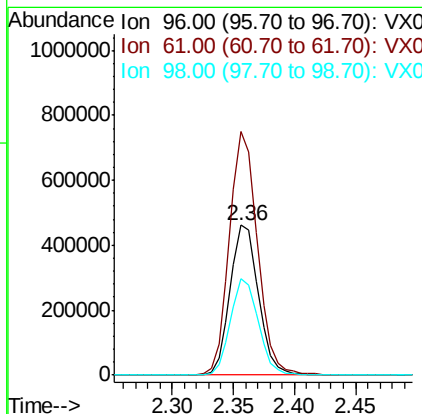
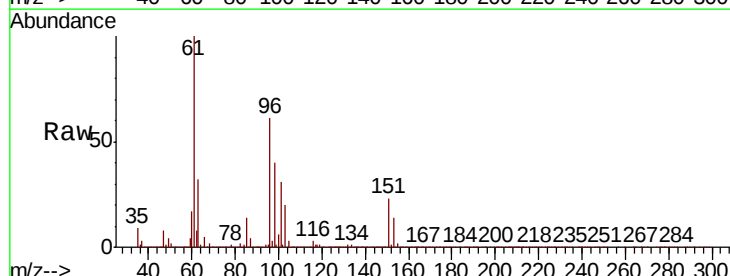
RT: 2.36 min Scan# 241

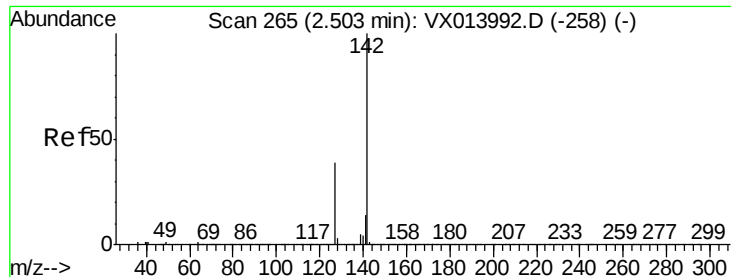
Delta R.T. -0.01 min

Lab File: VX013995.D

Acq: 13 Dec 2019 00:30

Tgt Ion:	96	Resp:	739782
Ion Ratio	Lower	Upper	
96	100		
61	162.8	123.0	184.6
98	64.6	51.4	77.0





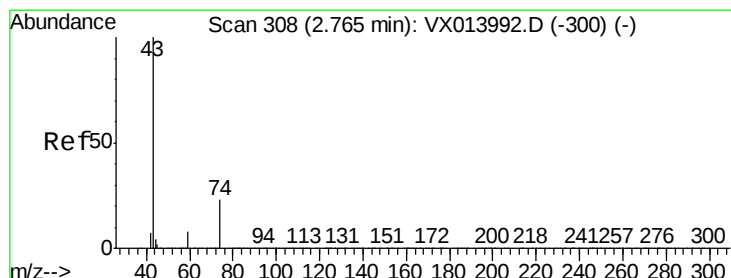
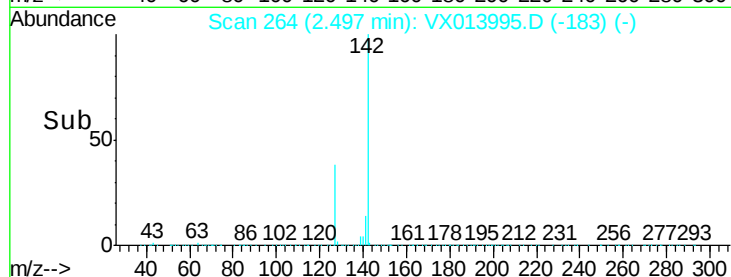
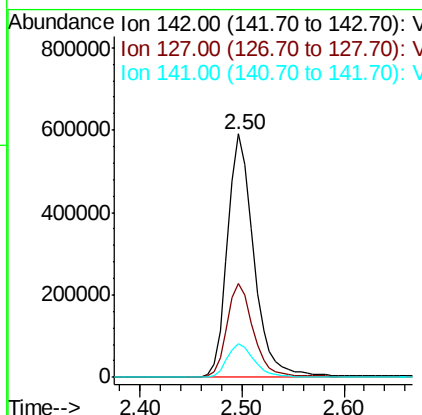
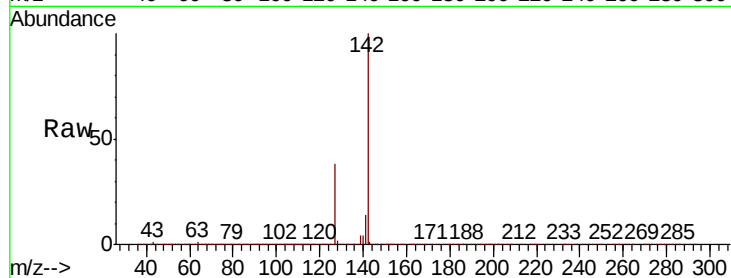
#11
Methyl Iodide
Concen: 164.190 ug/l
RT: 2.50 min Scan# 264
Delta R.T. -0.01 min
Lab File: VX013995.D
Acq: 13 Dec 2019 00:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
142	100		
127	38.4	19.5	58.5
141	13.6	7.0	20.9

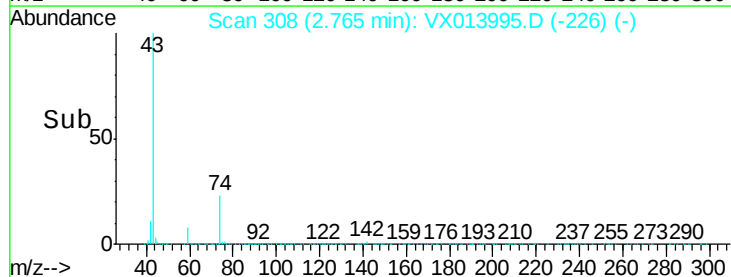
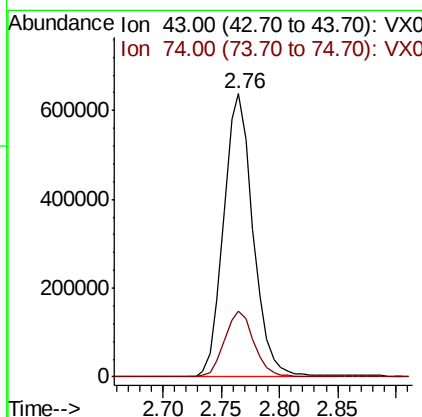
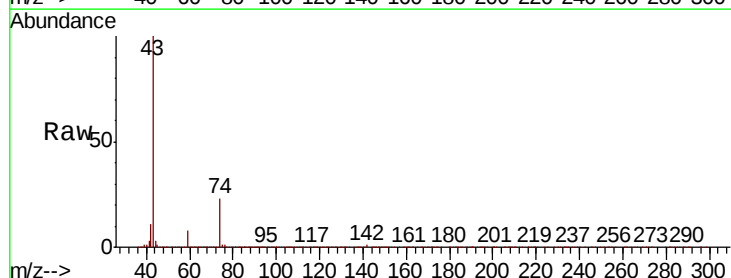
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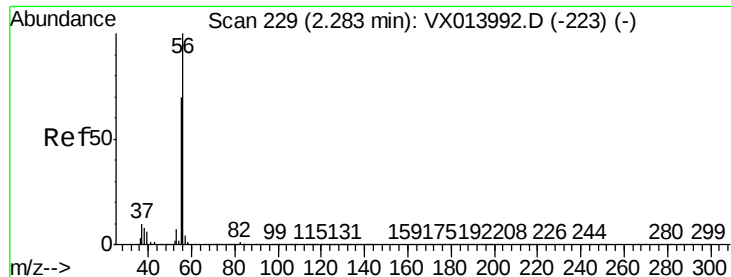
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#12
Methyl Acetate
Concen: 123.988 ug/l
RT: 2.76 min Scan# 308
Delta R.T. -0.00 min
Lab File: VX013995.D
Acq: 13 Dec 2019 00:30

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.9	18.5	27.7





#13

Acrolein

Concen: 749.420 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013995.D

Acq: 13 Dec 2019 00:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tot Ion: 56 Resp: 741444

Ion Ratio Lower Upper

56 100

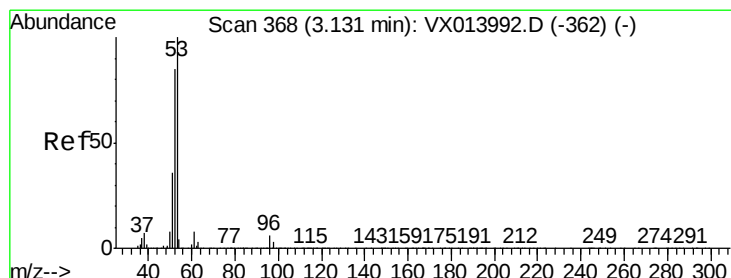
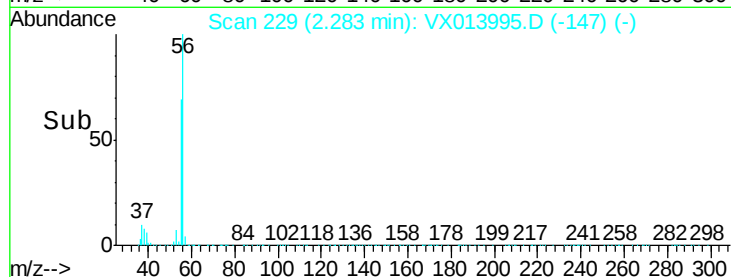
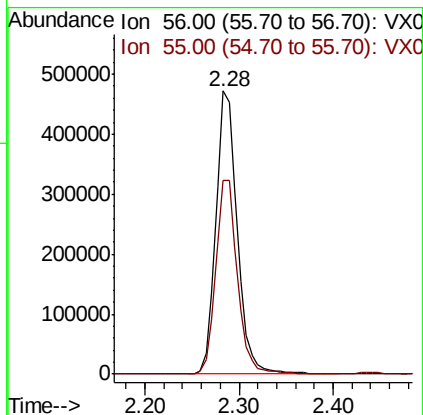
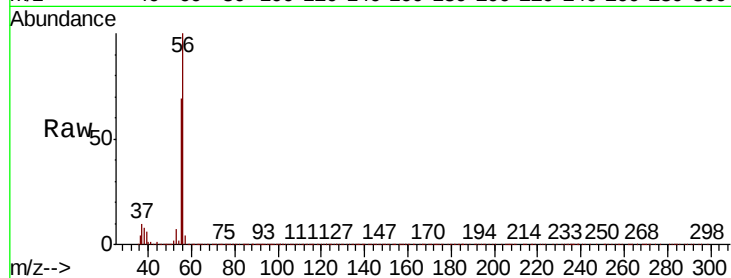
55 69.5 54.9 82.3

Manual Integrations

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#14

Acrylonitrile

Concen: 666.120 ug/l

RT: 3.14 min Scan# 369

Delta R.T. 0.01 min

Lab File: VX013995.D

Acq: 13 Dec 2019 00:30

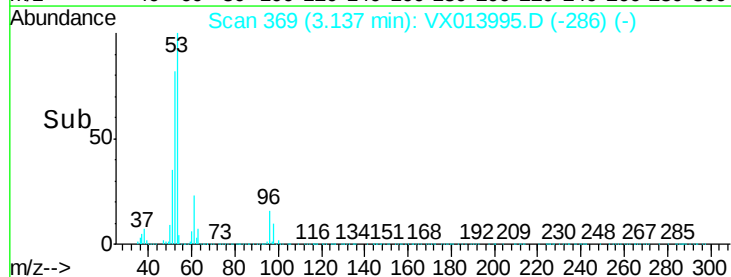
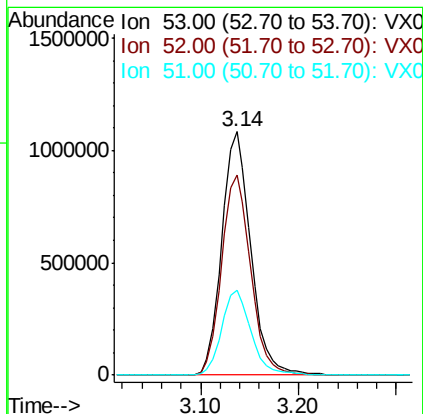
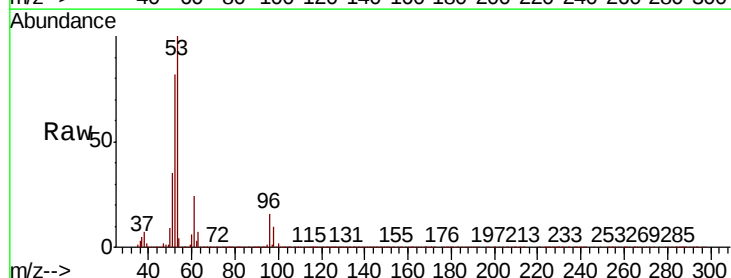
Tgt Ion: 53 Resp: 2219418

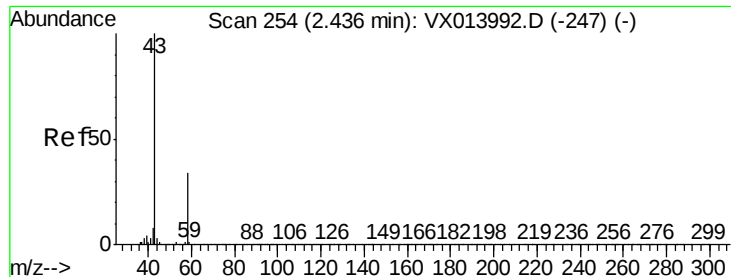
Ion Ratio Lower Upper

53 100

52 82.7 41.5 124.6

51 35.1 17.8 53.5





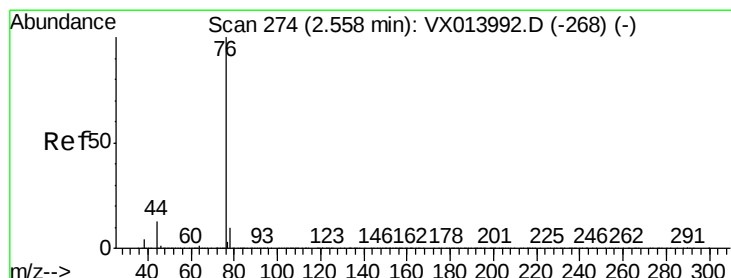
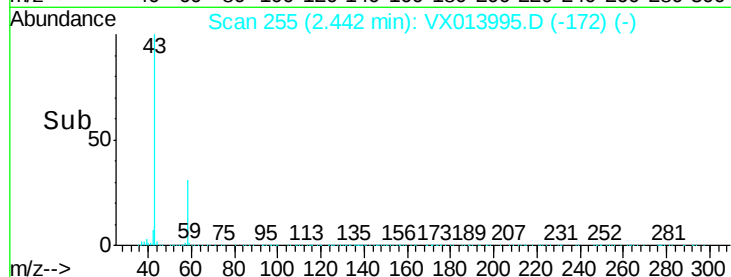
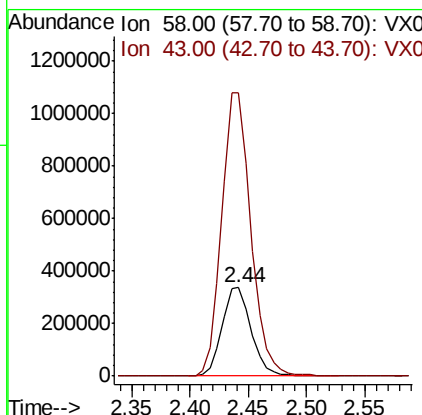
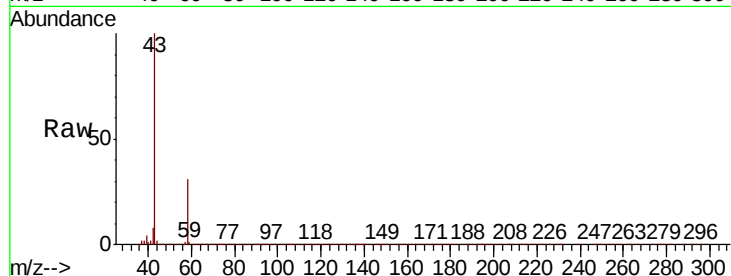
#15
Acetone
Concen: 599.847 ug/l
RT: 2.44 min Scan# 255
Delta R.T. 0.01 min
Lab File: VX013995.D
Acq: 13 Dec 2019 00:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tot Ion	Ratio	Lower	Upper
58	100		
43	318.9	236.3	354.5

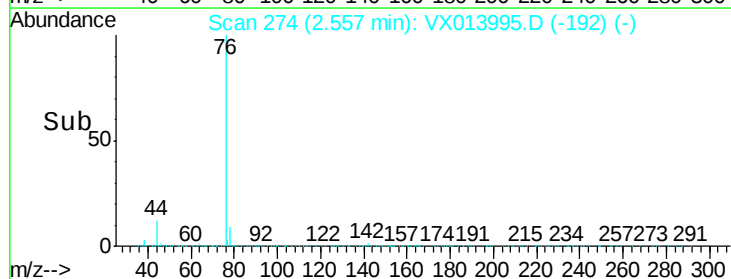
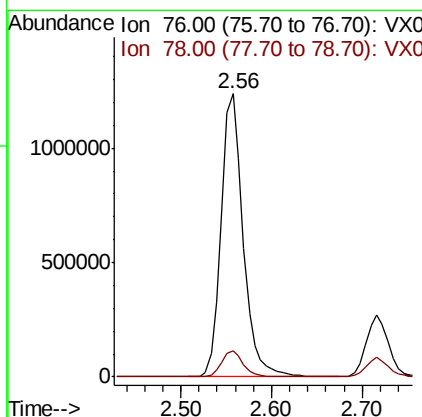
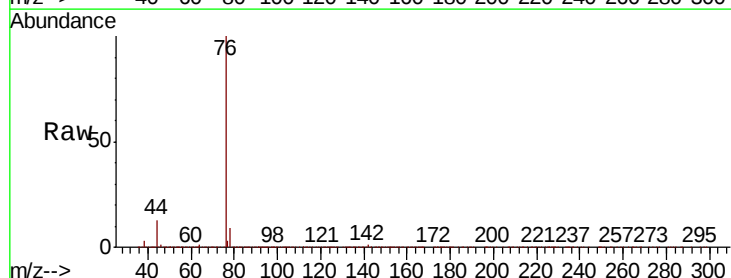
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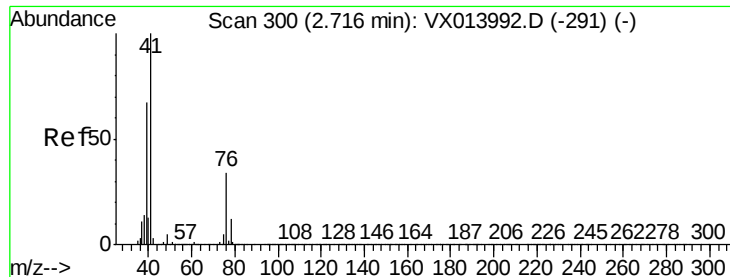
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#16
Carbon Disulfide
Concen: 145.327 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.00 min
Lab File: VX013995.D
Acq: 13 Dec 2019 00:30

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.8	11.8





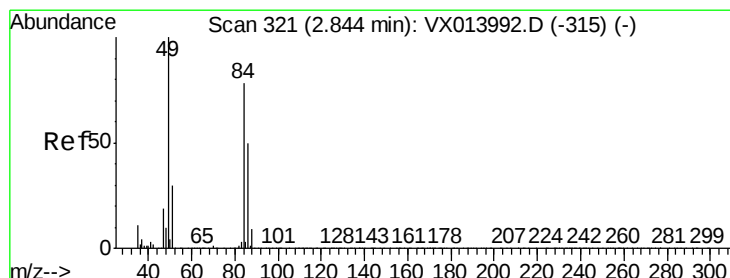
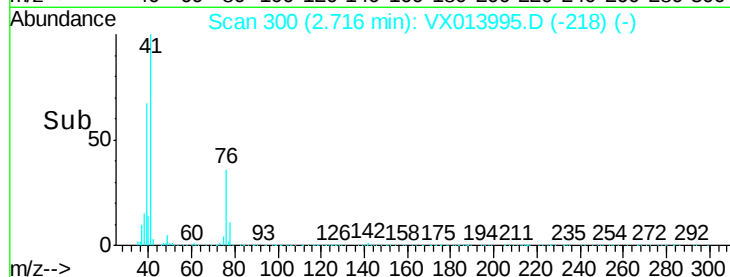
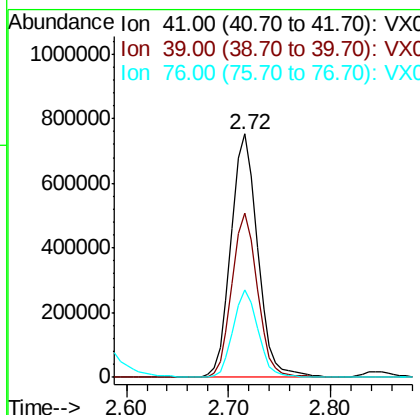
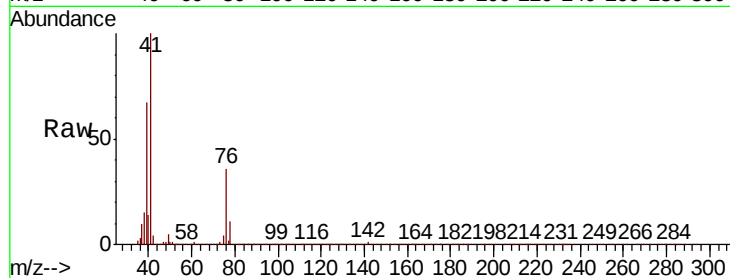
#17
Allvl chloride
Concen: 142.050 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.00 min
Lab File: VX013995.D
Acq: 13 Dec 2019 00:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tot Ion	Ratio	Lower	Upper
41	100		
39	67.3	33.4	100.2
76	35.6	17.0	50.9

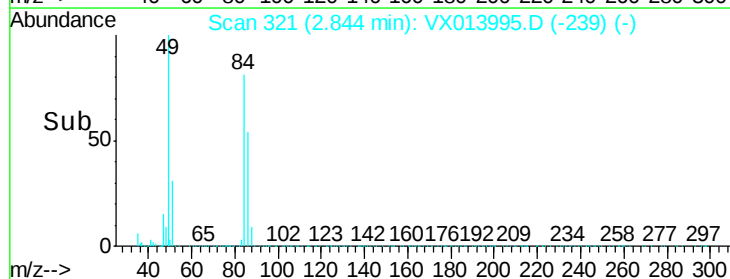
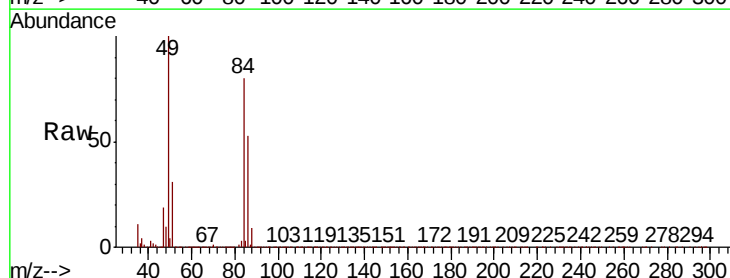
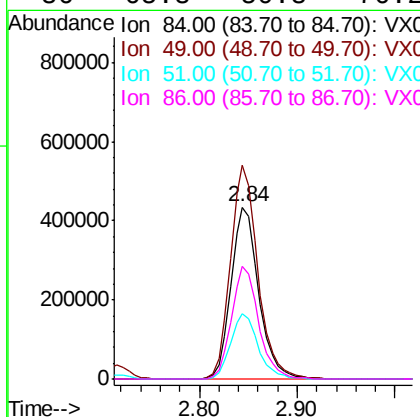
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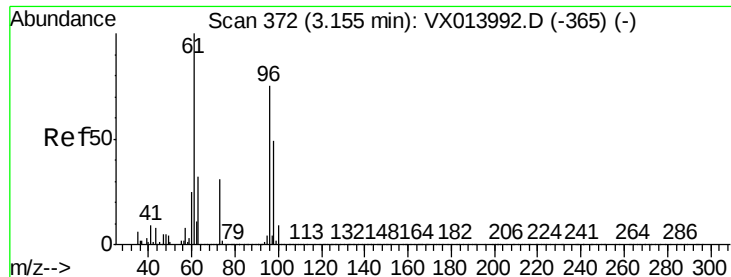
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#18
Methylene Chloride
Concen: 140.786 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013995.D
Acq: 13 Dec 2019 00:30

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.3	102.2	153.2
51	38.2	31.4	47.0
86	65.8	50.8	76.2





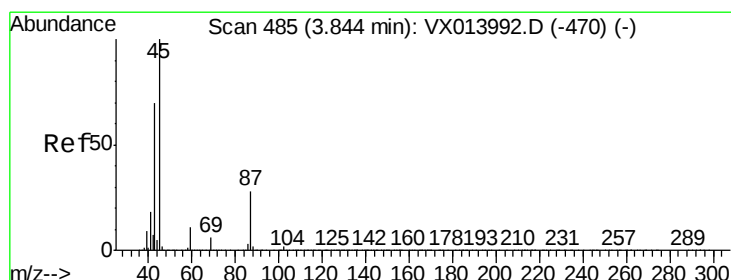
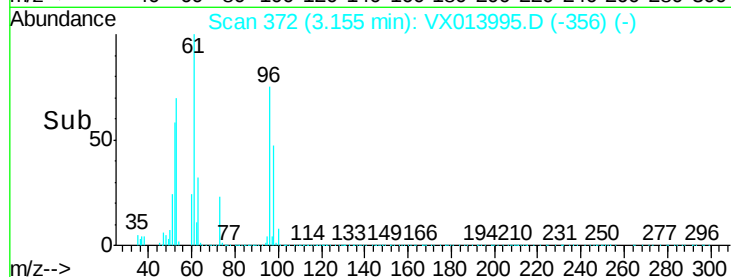
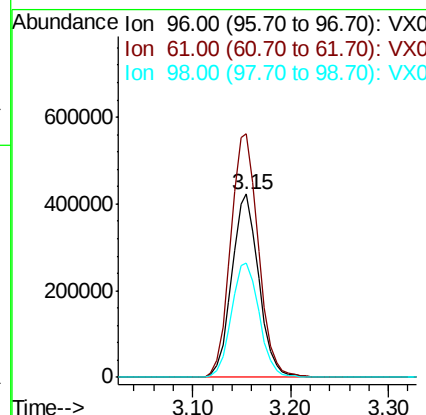
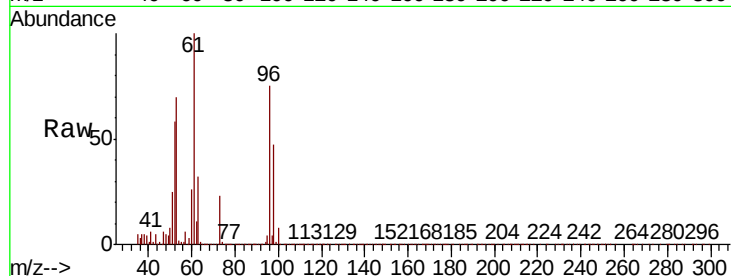
#19
trans-1,2-Dichloroethene
Concen: 144.156 ug/l
RT: 3.15 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX013995.D
Acq: 13 Dec 2019 00:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
96	100		
61	133.1	106.6	159.8
98	62.2	51.6	77.4

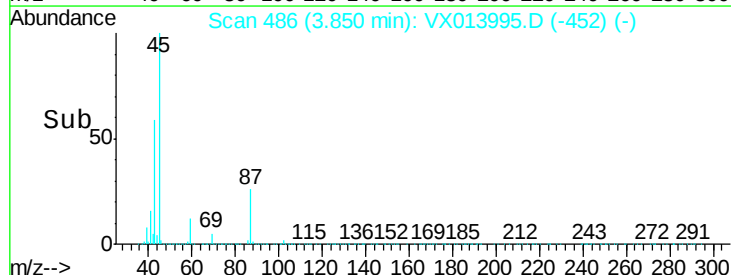
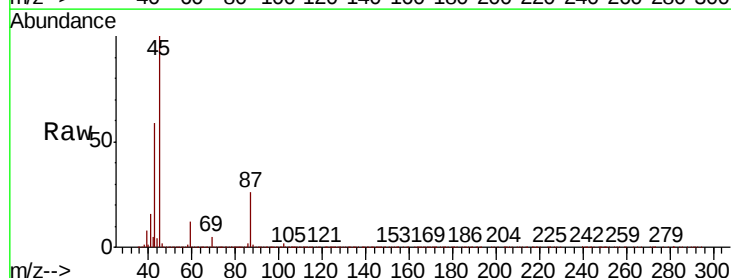
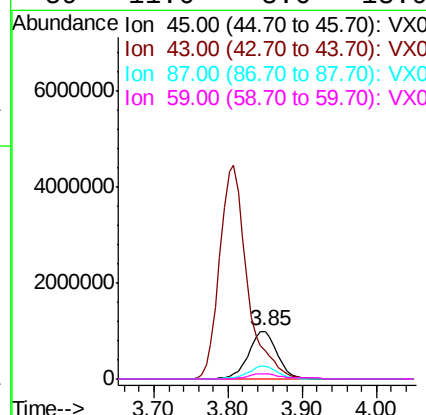
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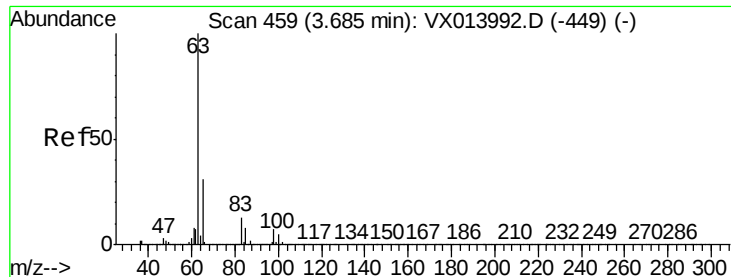
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#20
Diisopropyl ether
Concen: 144.882 ug/l
RT: 3.85 min Scan# 486
Delta R.T. 0.01 min
Lab File: VX013995.D
Acq: 13 Dec 2019 00:30

Tgt Ion	Ratio	Lower	Upper
45	100		
43	58.9	55.9	83.9
87	26.4	22.2	33.2
59	11.6	8.6	13.0





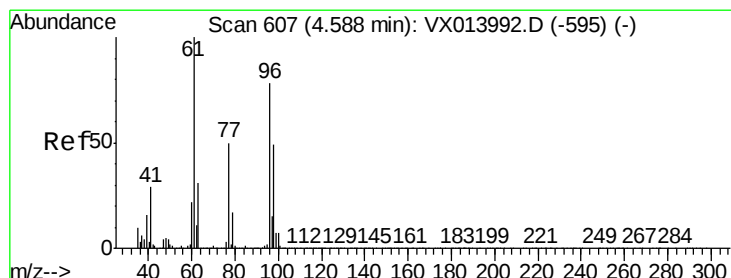
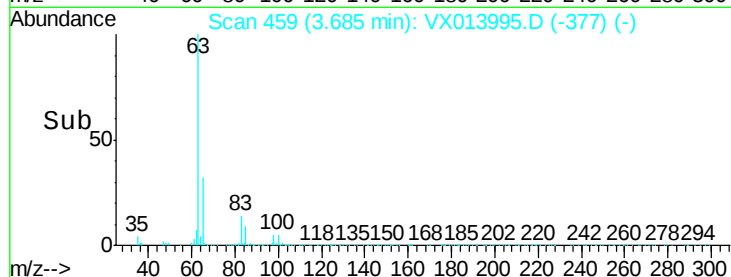
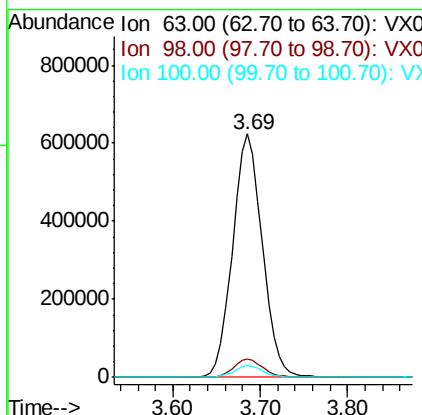
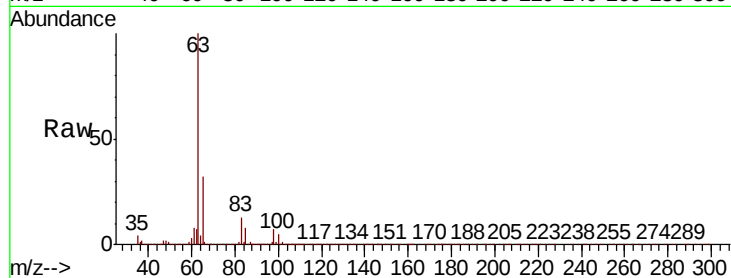
#21
1,1-Dichloroethane
Concen: 144.844 ug/l
RT: 3.69 min Scan# 459
Delta R.T. -0.00 min
Lab File: VX013995.D
Acq: 13 Dec 2019 00:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tot Ion	Ratio	Lower	Upper
63	100		
98	7.5	3.4	10.1
100	5.0	2.5	7.4

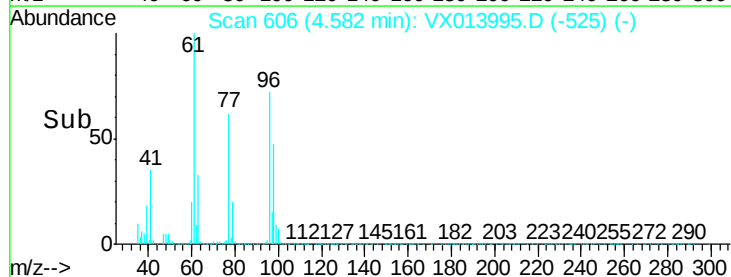
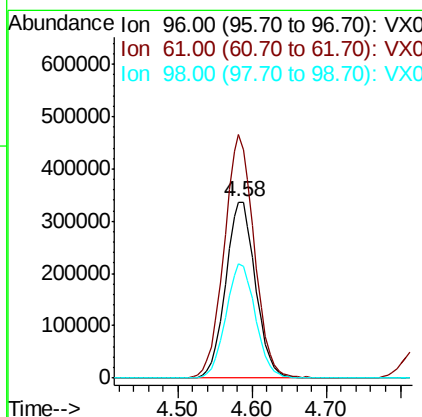
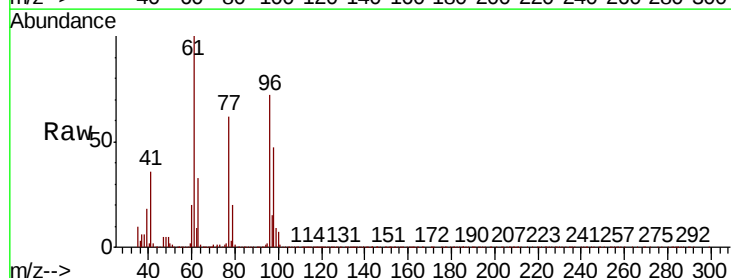
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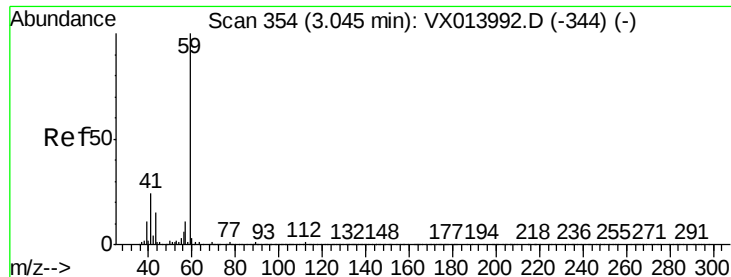
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#22
cis-1,2-Dichloroethene
Concen: 146.569 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX013995.D
Acq: 13 Dec 2019 00:30

Tgt Ion	Ratio	Lower	Upper
96	100		
61	139.1	112.4	168.6
98	64.2	50.3	75.5





#23

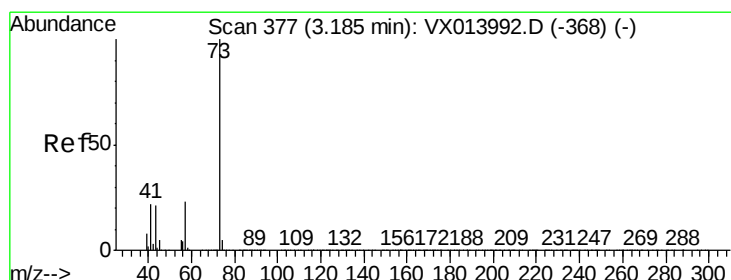
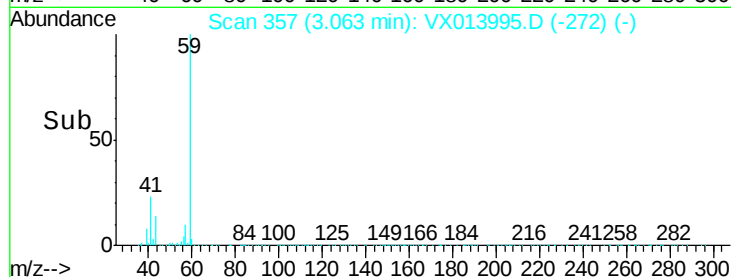
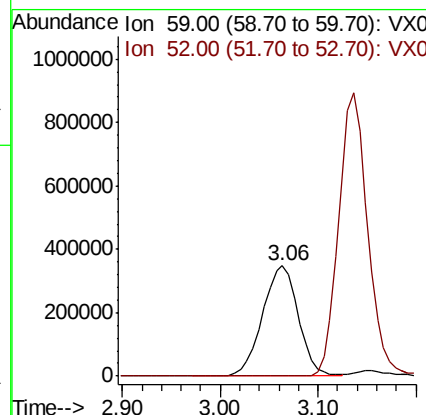
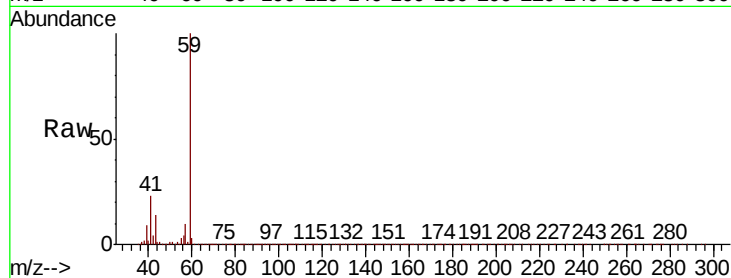
tert-Butyl Alcohol
 Concen: 560.510 ug/l
 RT: 3.06 min Scan# 357
 Delta R.T. 0.02 min
 Lab File: VX013995.D
 Acq: 13 Dec 2019 00:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.2	0.2	0.2

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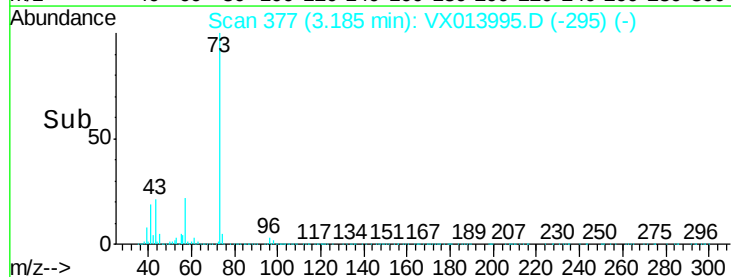
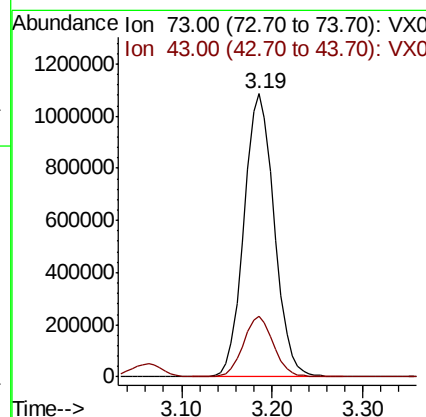
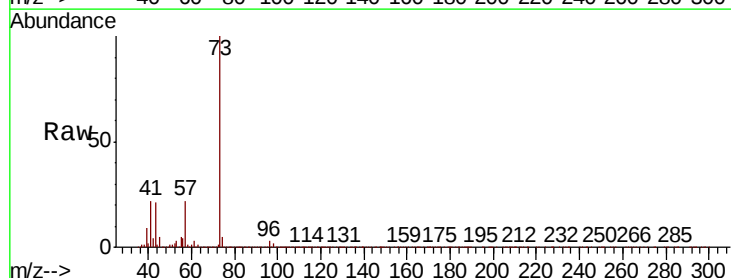
apatel
 12/13/2019 12:40:12 PM

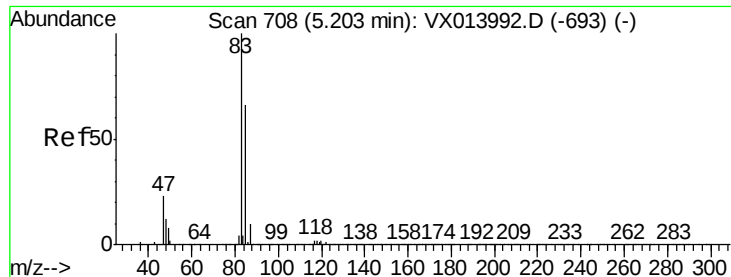


#24

Methyl tert-Butyl Ether
 Concen: 143.965 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. -0.00 min
 Lab File: VX013995.D
 Acq: 13 Dec 2019 00:30

Tgt Ion	Ratio	Lower	Upper
73	100		
43	21.0	16.6	25.0





#25

Chloroform

Concen: 141.957 ug/l

RT: 5.20 min Scan# 708

Delta R.T. -0.00 min

Lab File: VX013995.D

Acq: 13 Dec 2019 00:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 83 Resp: 1409275

Ion Ratio Lower Upper

83 100

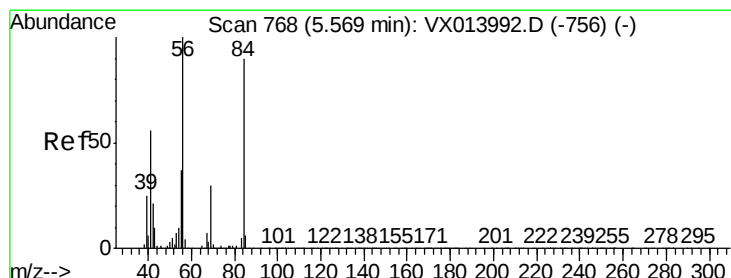
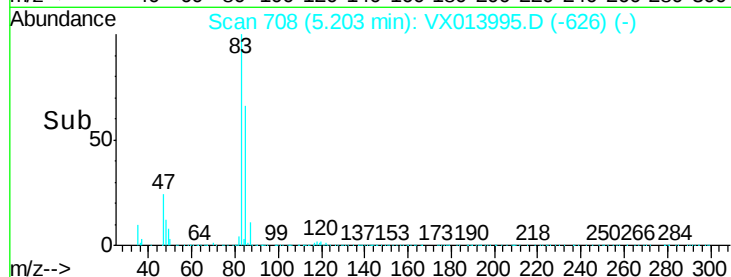
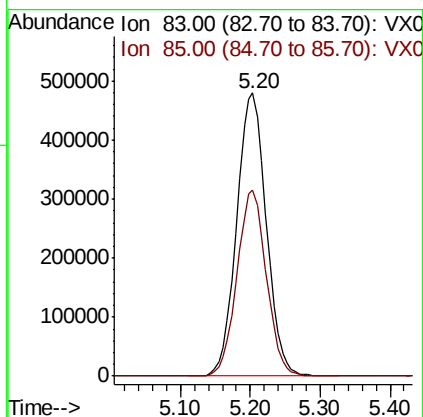
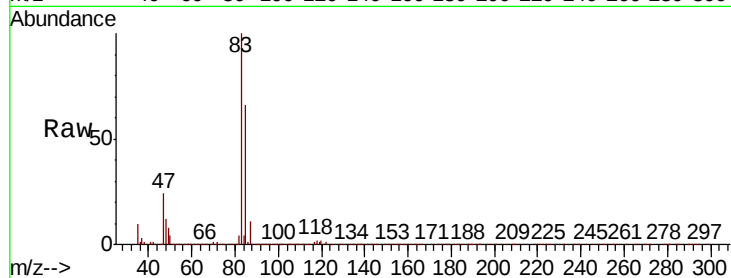
85 65.7 52.7 79.1

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#26

Cyclohexane

Concen: 143.546 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX013995.D

Acq: 13 Dec 2019 00:30

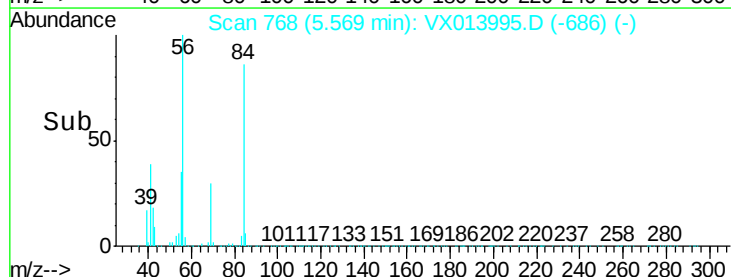
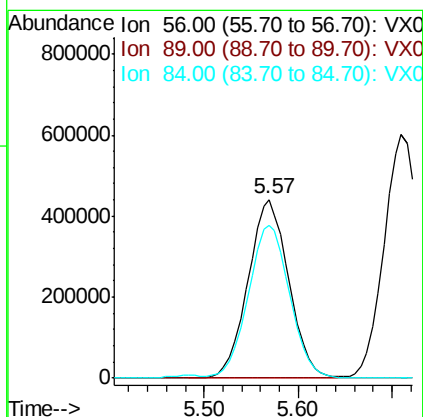
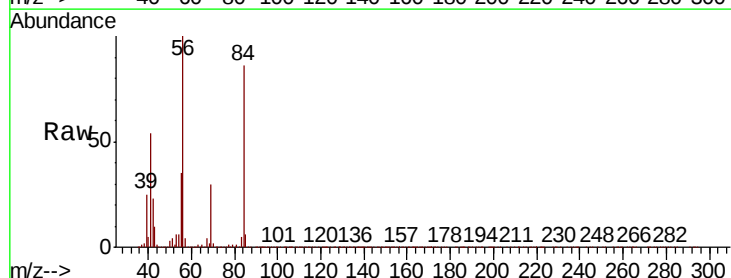
Tgt Ion: 56 Resp: 1327303

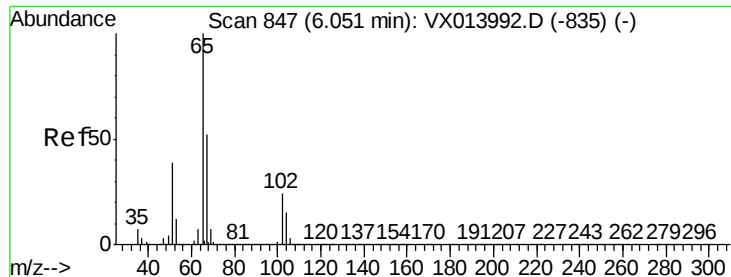
Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

84 87.0 70.8 106.2





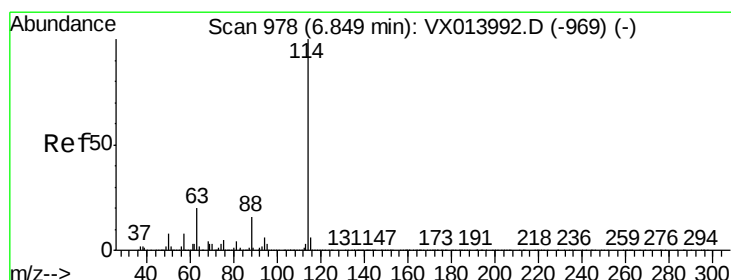
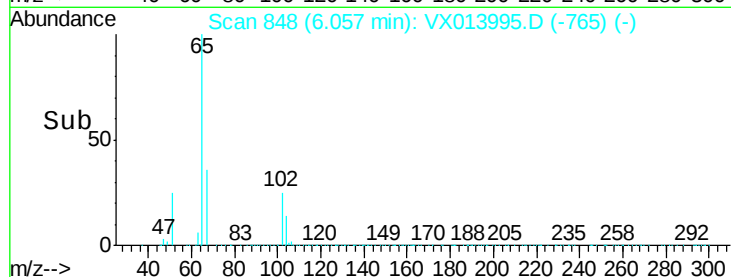
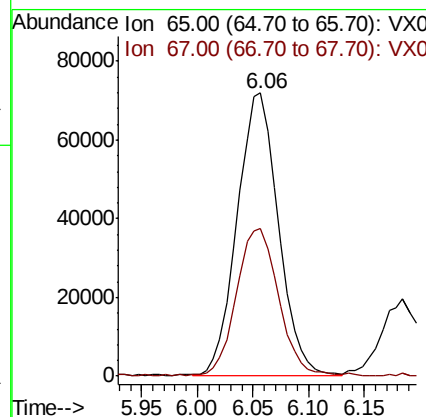
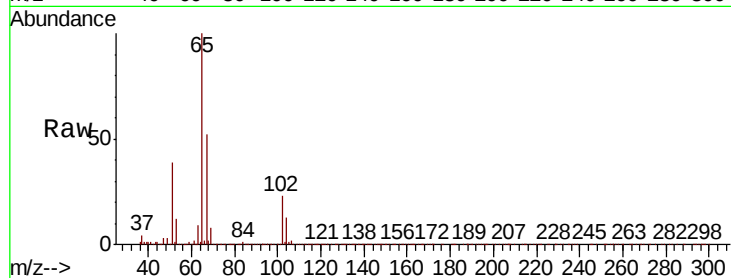
#27
 1,2-Dichloroethane-d4
 Concen: 29.164 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX013995.D
 Acq: 13 Dec 2019 00:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.8	43.1	64.7

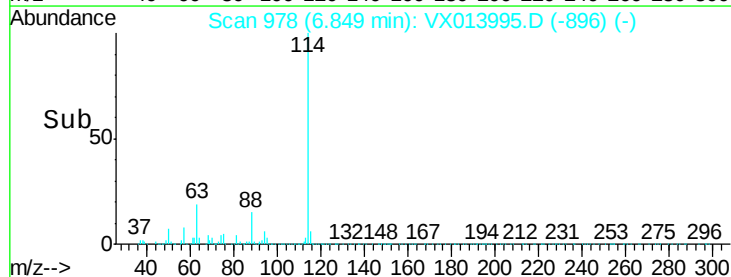
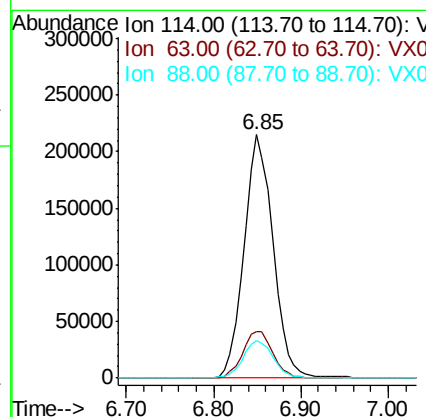
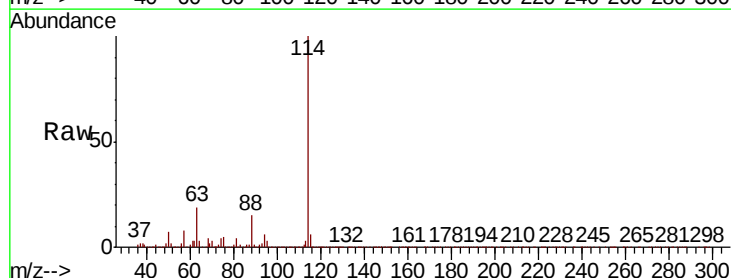
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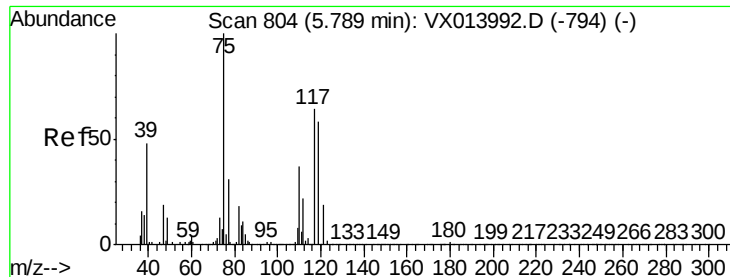
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#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013995.D
 Acq: 13 Dec 2019 00:30

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.7	16.1	24.1
88	15.9	12.5	18.7





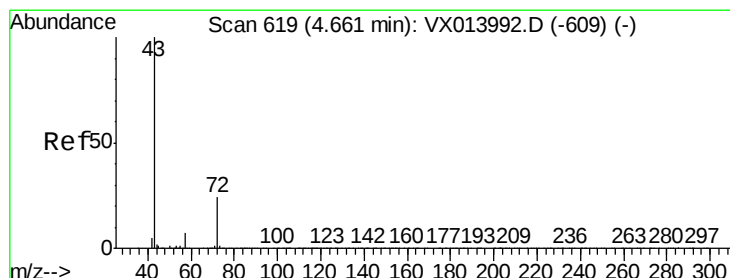
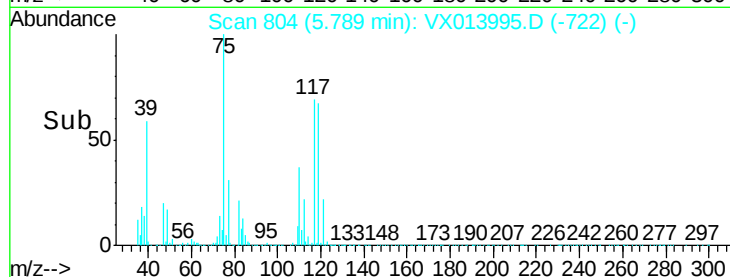
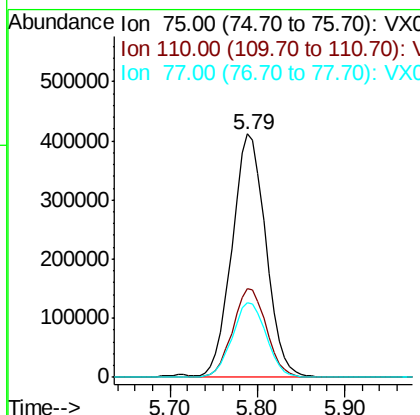
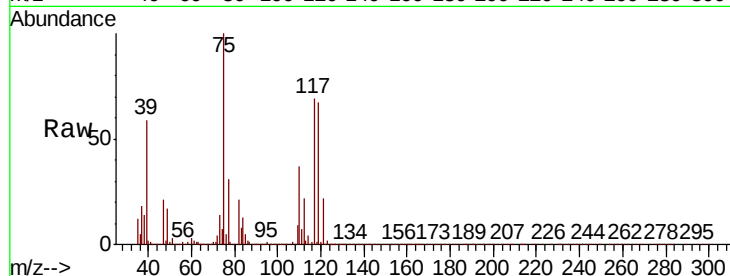
#29
 1,1-Dichloropropene
 Concen: 145.698 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX013995.D
 Acq: 13 Dec 2019 00:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
110	36.7	0.0	73.8
77	31.1	0.0	62.4

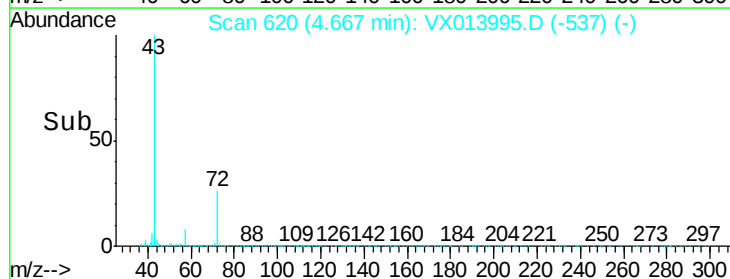
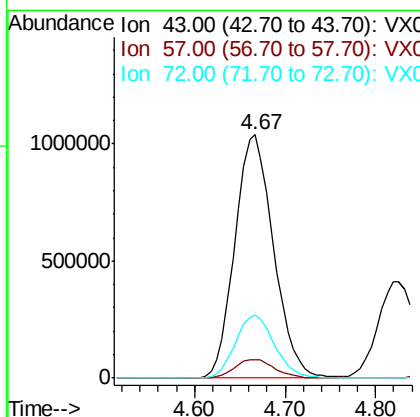
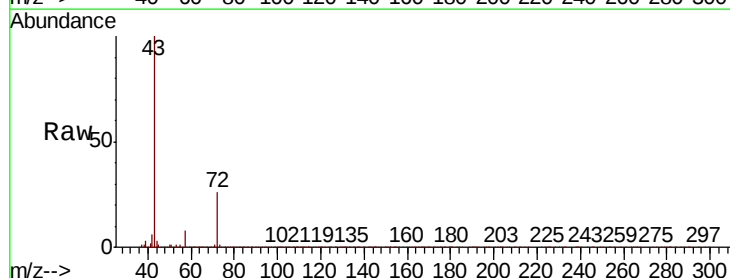
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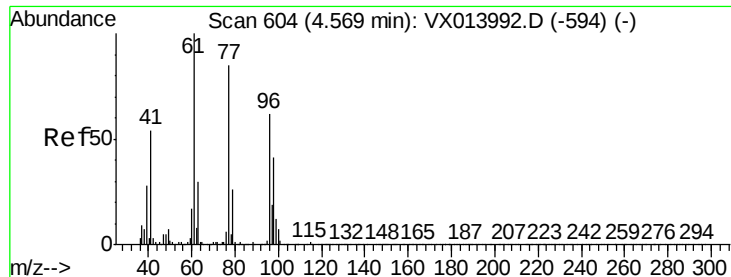
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#30
 2-Butanone
 Concen: 636.130 ug/l
 RT: 4.67 min Scan# 620
 Delta R.T. 0.01 min
 Lab File: VX013995.D
 Acq: 13 Dec 2019 00:30

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.9	6.2	9.2
72	25.9	20.3	30.5





#31

2,2-Dichloropropane

Concen: 129.355 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013995.D

Acq: 13 Dec 2019 00:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 77 Resp: 1026039

Ion Ratio Lower Upper

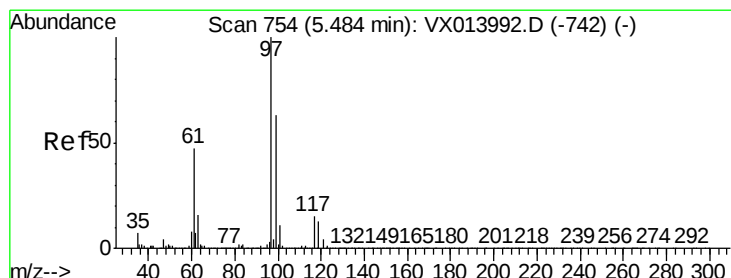
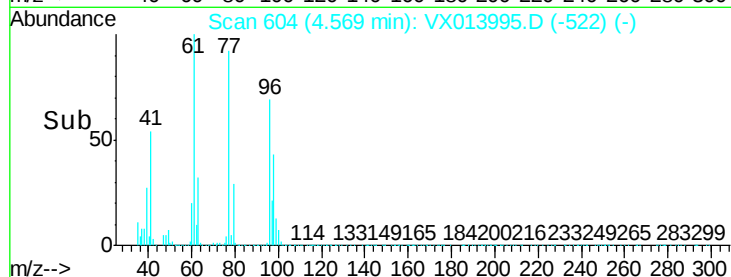
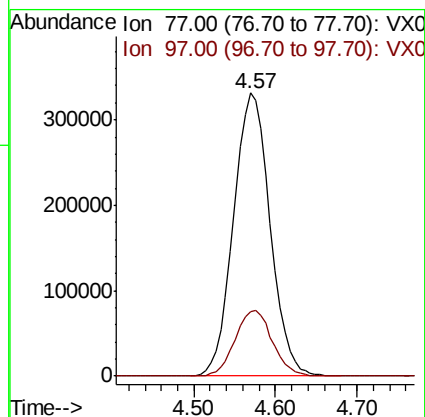
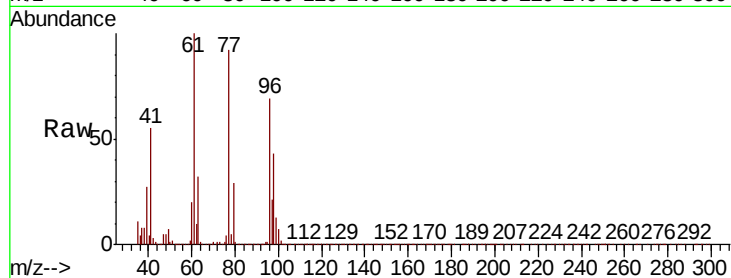
77 100

97 23.5 19.7 29.5

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#32

1,1,1-Trichloroethane

Concen: 146.327 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX013995.D

Acq: 13 Dec 2019 00:30

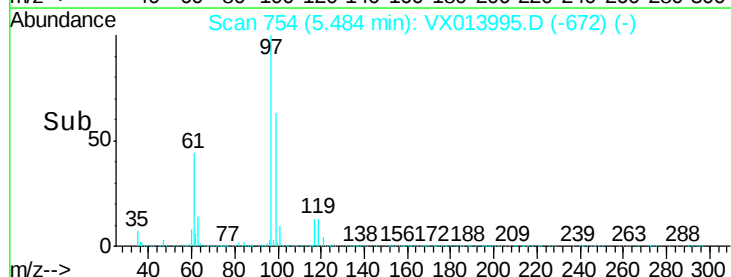
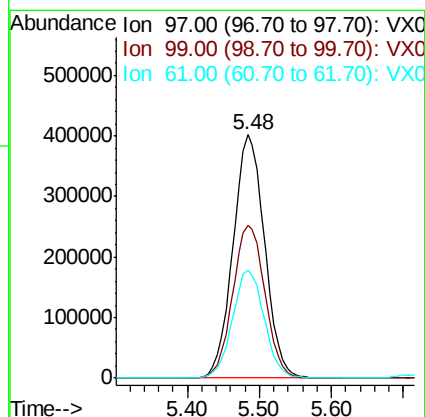
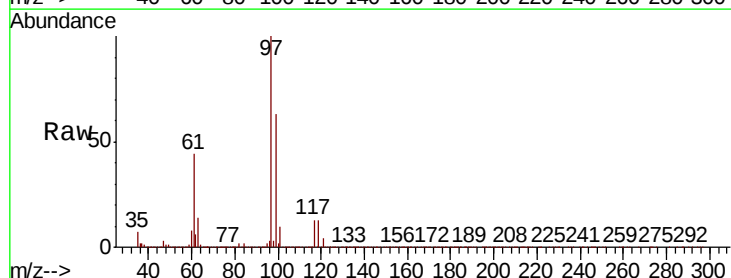
Tgt Ion: 97 Resp: 1221962

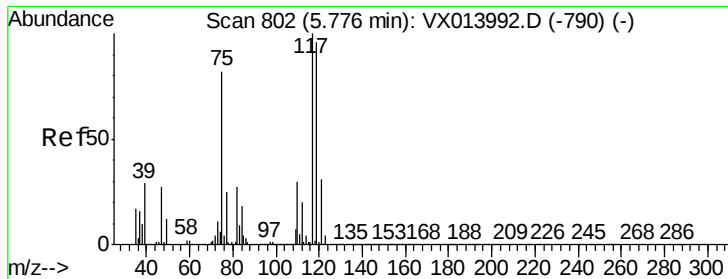
Ion Ratio Lower Upper

97 100

99 64.1 51.9 77.9

61 44.6 36.8 55.2





#33

Carbon Tetrachloride

Concen: 146.153 ug/l

RT: 5.78 min Scan# 802

Delta R.T. -0.00 min

Lab File: VX013995.D

Acq: 13 Dec 2019 00:30

Instrument :

MSVOA_X

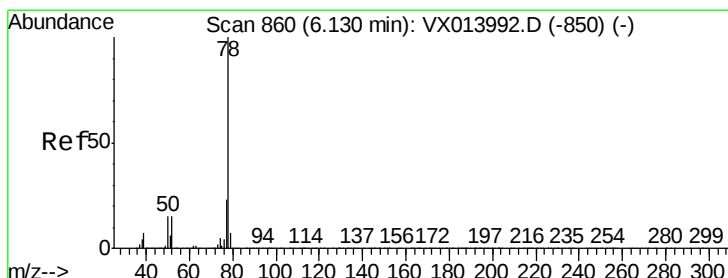
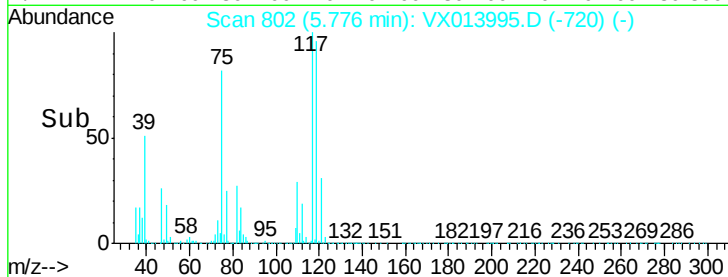
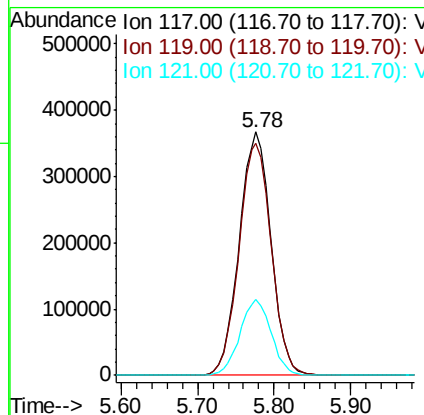
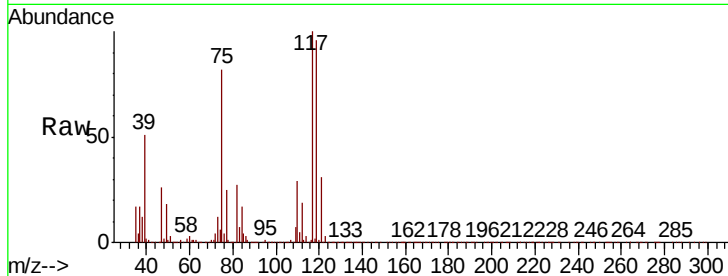
ClientSampleId :

VSTDIC150

Tot Ion:	117	Resp:	1054844
Ion	Ratio	Lower	Upper
117	100		
119	95.5	77.2	115.8
121	31.1	24.8	37.2

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#34

Benzene

Concen: 146.513 ug/l

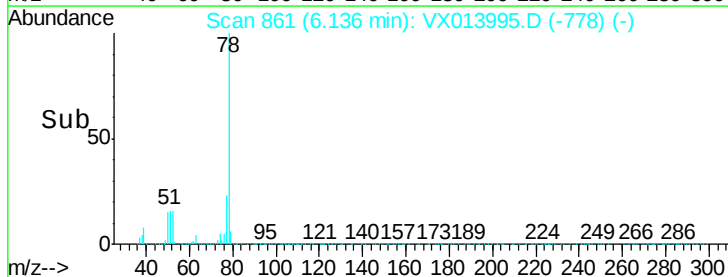
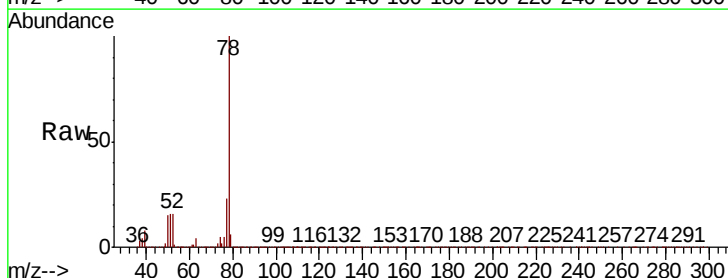
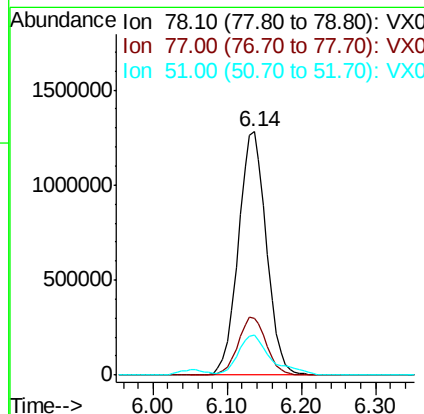
RT: 6.14 min Scan# 861

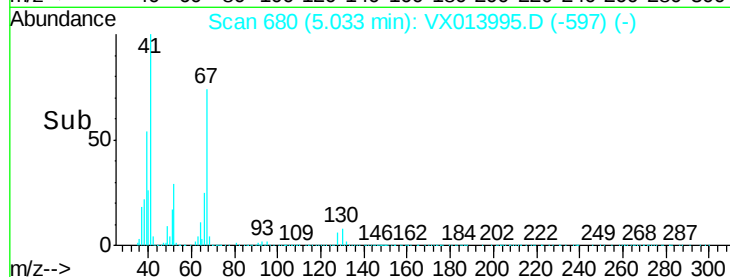
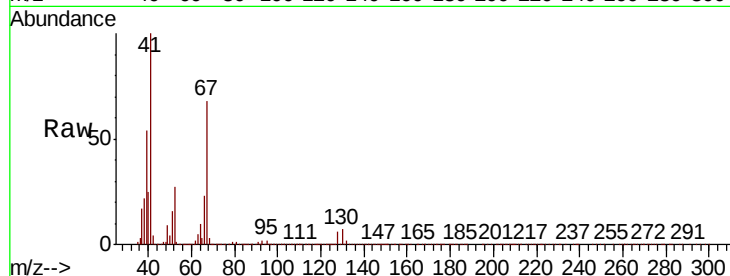
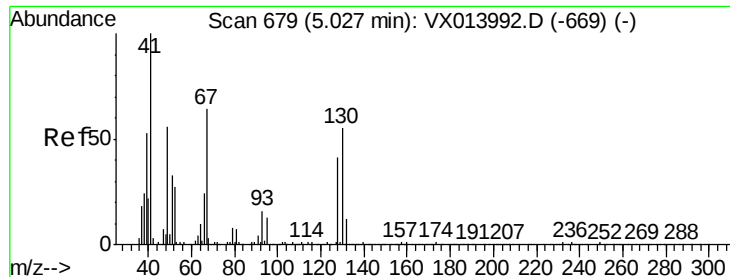
Delta R.T. 0.01 min

Lab File: VX013995.D

Acq: 13 Dec 2019 00:30

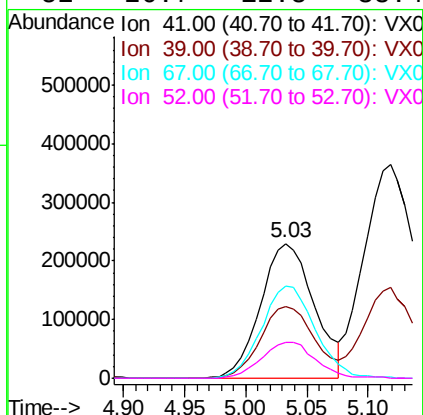
Tgt Ion:	78	Resp:	3369938
Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.2	27.2
51	16.4	12.4	18.6





#35
Methacrylonitrile
Concen: 141.420 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX013995.D
Acq: 13 Dec 2019 00:30

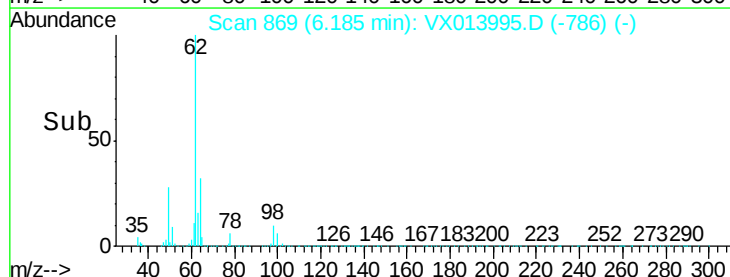
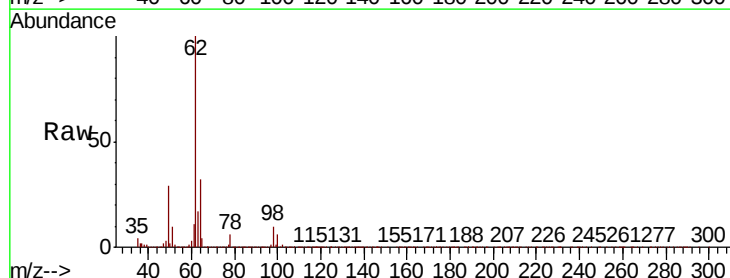
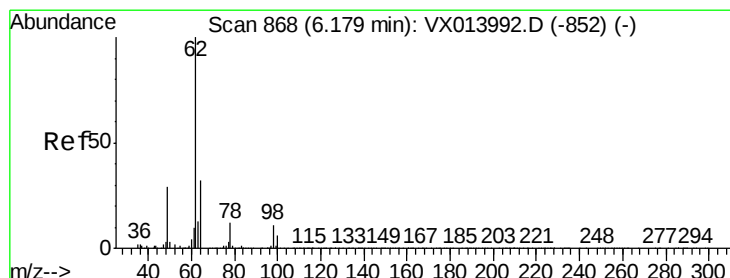
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.4	26.7	80.1	
67	68.4	31.5	94.5	
52	26.7	12.8	38.4	



Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

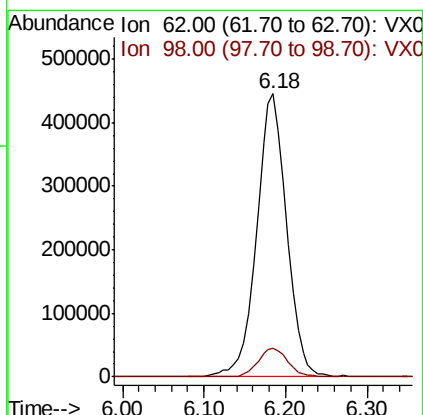
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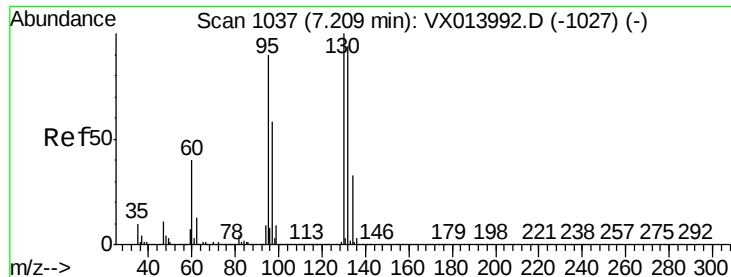
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#36
1,2-Dichloroethane
Concen: 142.360 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX013995.D
Acq: 13 Dec 2019 00:30

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.2	8.4	12.6	





#37

Trichloroethene

Concen: 147.188 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VX013995.D

Acq: 13 Dec 2019 00:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:130 Resp: 910574

Ion Ratio Lower Upper

130 100

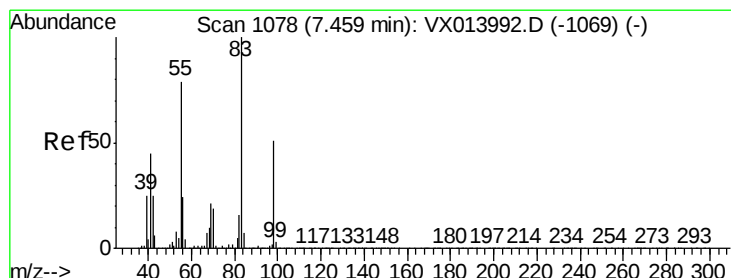
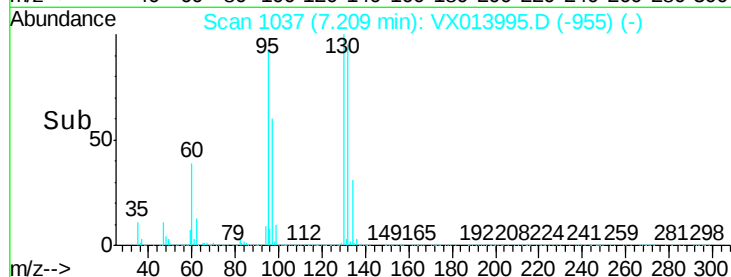
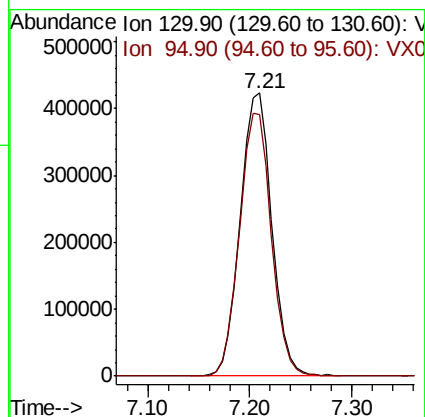
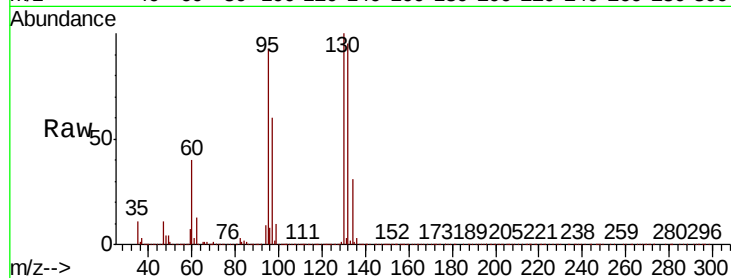
95 92.5 71.7 107.5

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#38

Methylcyclohexane

Concen: 143.546 ug/l

RT: 7.46 min Scan# 1078

Delta R.T. -0.00 min

Lab File: VX013995.D

Acq: 13 Dec 2019 00:30

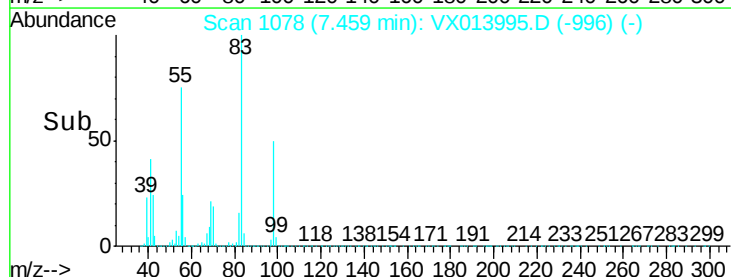
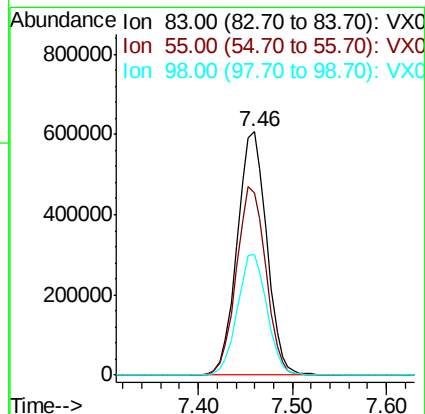
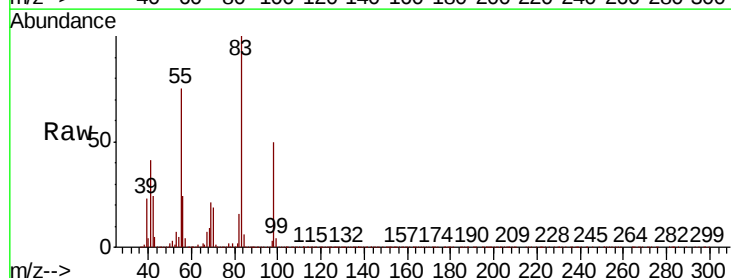
Tgt Ion: 83 Resp: 1320752

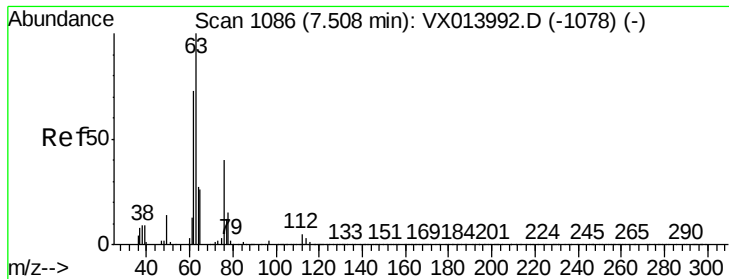
Ion Ratio Lower Upper

83 100

55 77.2 39.4 118.1

98 49.9 25.1 75.3





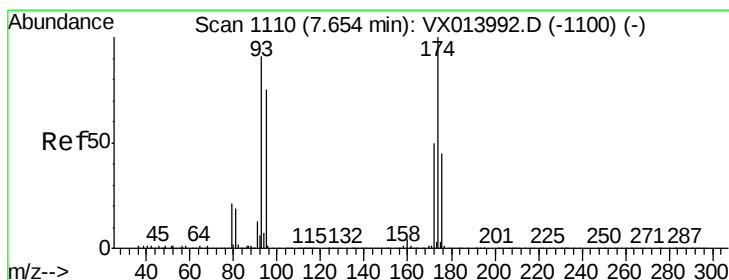
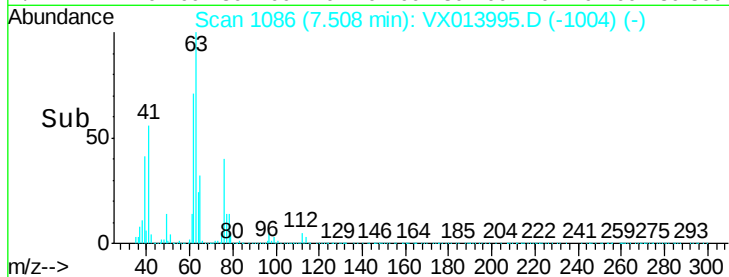
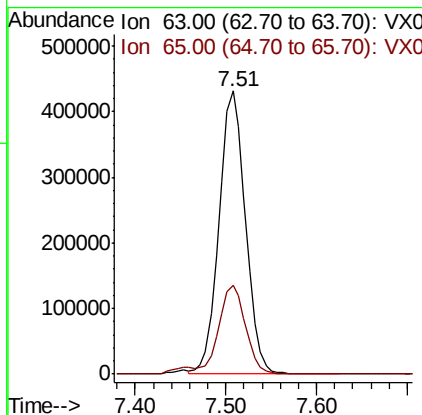
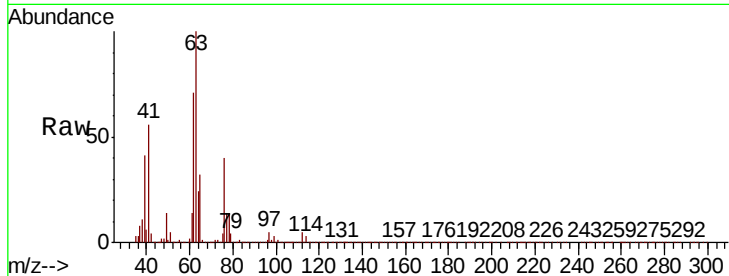
#39
 1,2-Dichloropropane
 Concen: 146.466 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX013995.D
 Acq: 13 Dec 2019 00:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.6	22.1	33.1

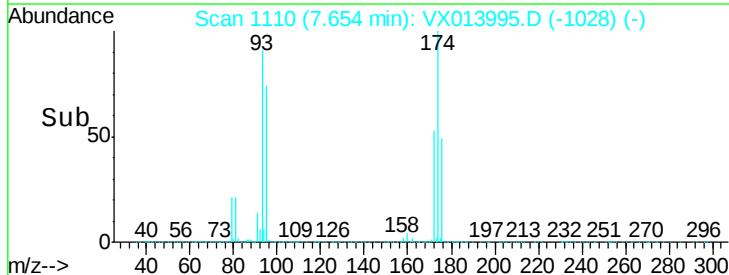
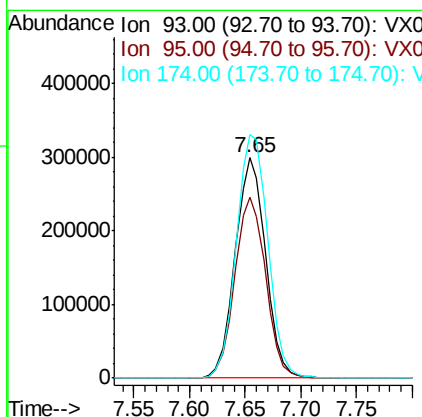
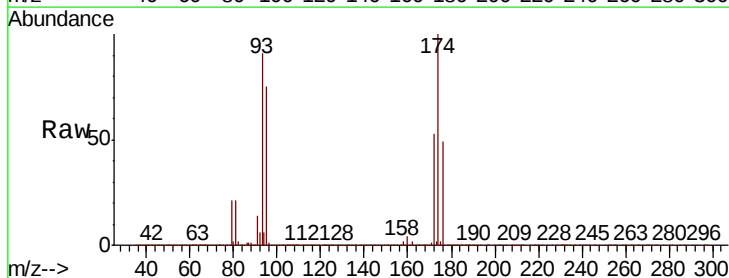
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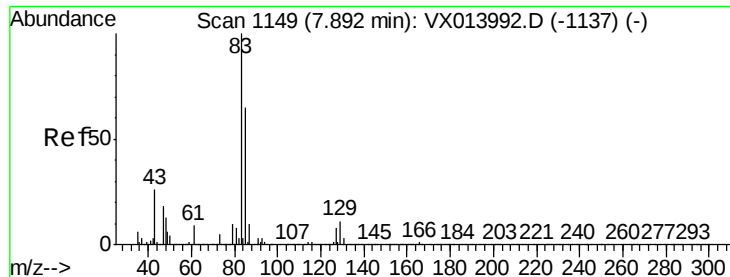
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#40
 Dibromomethane
 Concen: 144.041 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX013995.D
 Acq: 13 Dec 2019 00:30

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.8	0.0	164.4
174	114.7	0.0	228.8





#41

Bromodichloromethane

Concen: 150.836 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013995.D

Acq: 13 Dec 2019 00:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tot Ion: 83 Resp: 1148884

Ion Ratio Lower Upper

83 100

85 64.1 51.6 77.4

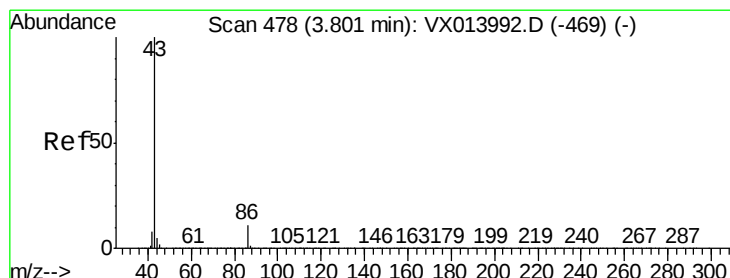
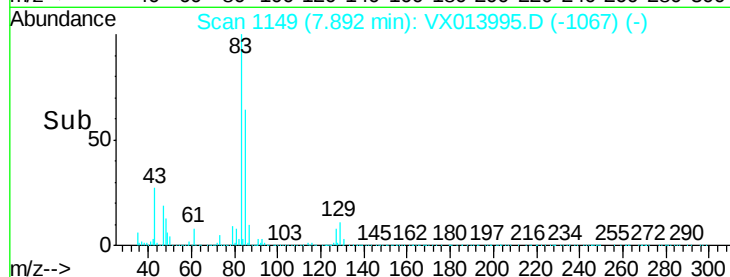
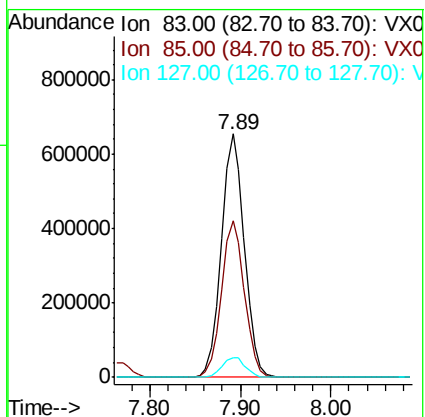
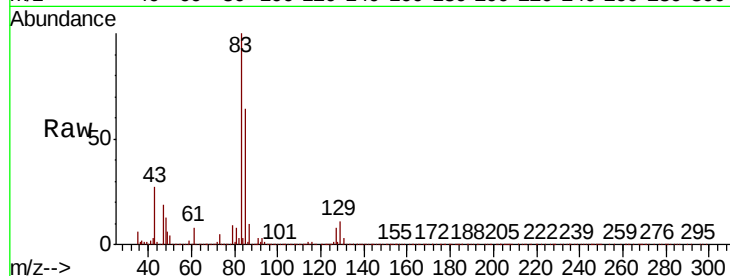
127 8.2 6.0 9.0

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#42

Vinyl Acetate

Concen: 731.109 ug/l

RT: 3.81 min Scan# 479

Delta R.T. 0.01 min

Lab File: VX013995.D

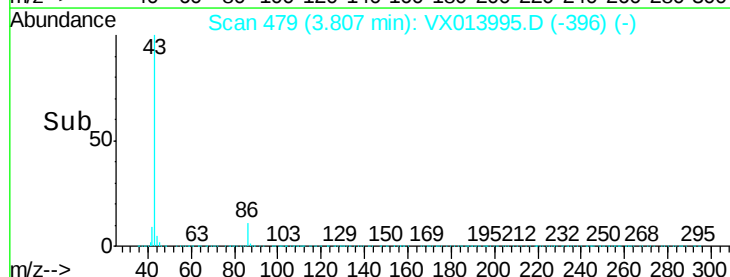
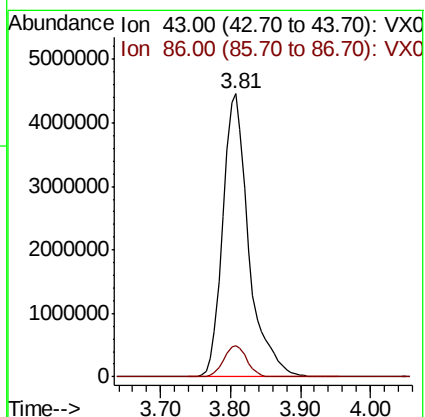
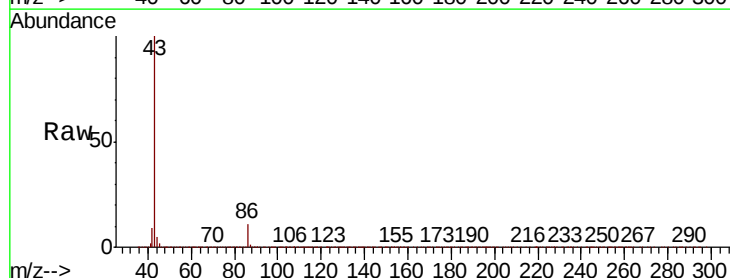
Acq: 13 Dec 2019 00:30

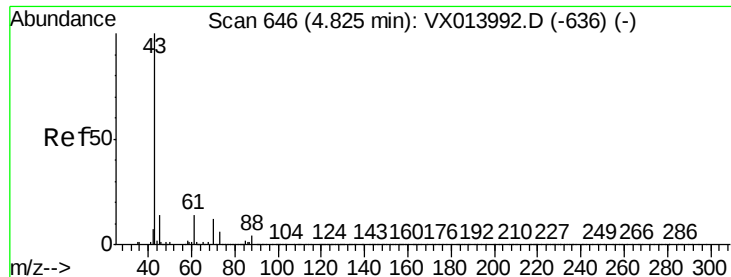
Tgt Ion: 43 Resp: 11492837

Ion Ratio Lower Upper

43 100

86 9.9 7.7 11.5





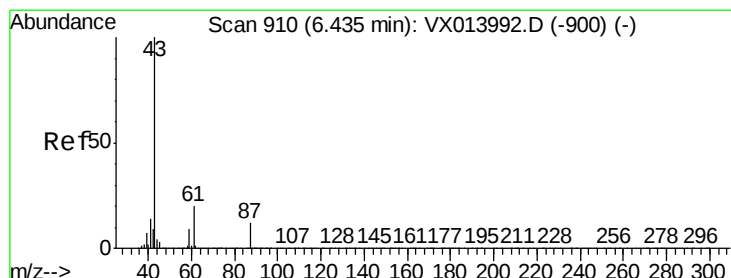
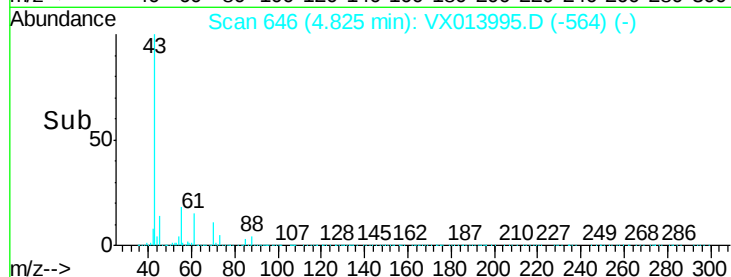
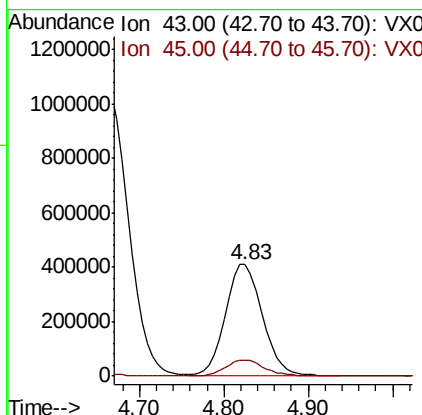
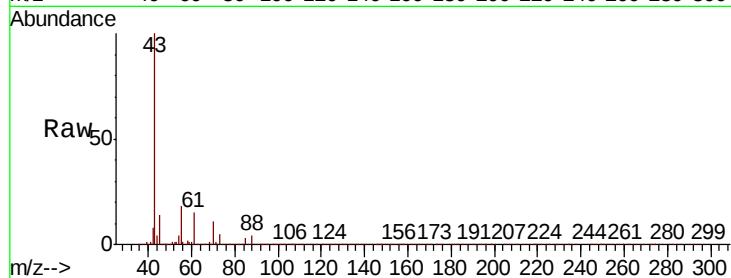
#43
Ethyl Acetate
Concen: 138.048 ug/l
RT: 4.83 min Scan# 646
Delta R.T. -0.00 min
Lab File: VX013995.D
Acq: 13 Dec 2019 00:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 1233806
Ion Ratio Lower Upper
43 100
45 14.9 11.8 17.8

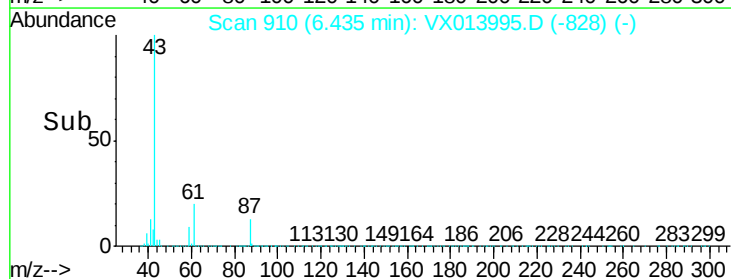
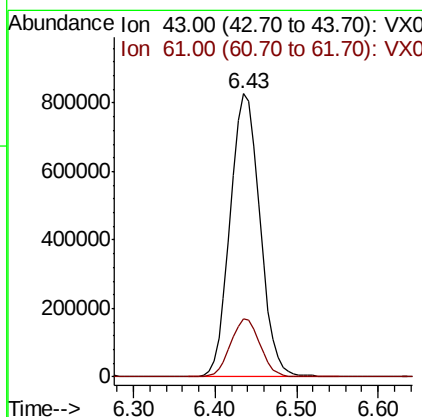
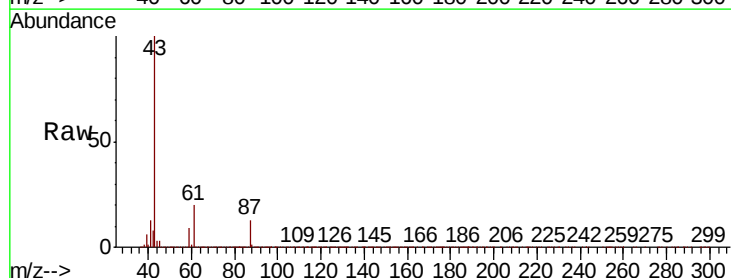
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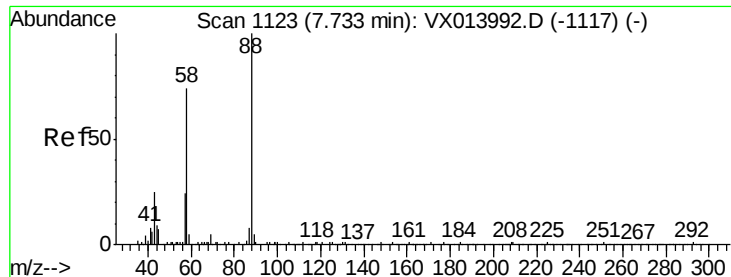
apatel
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#44
Isopropyl Acetate
Concen: 143.869 ug/l
RT: 6.43 min Scan# 910
Delta R.T. -0.00 min
Lab File: VX013995.D
Acq: 13 Dec 2019 00:30

Tgt Ion: 43 Resp: 2085284
Ion Ratio Lower Upper
43 100
61 20.5 15.9 23.9





#45

1,4-Dioxane

Concen: 2375.797 ug/l

RT: 7.74 min Scan# 1124

Delta R.T. 0.01 min

Lab File: VX013995.D

Acq: 13 Dec 2019 00:30

Instrument :

MSVOA_X

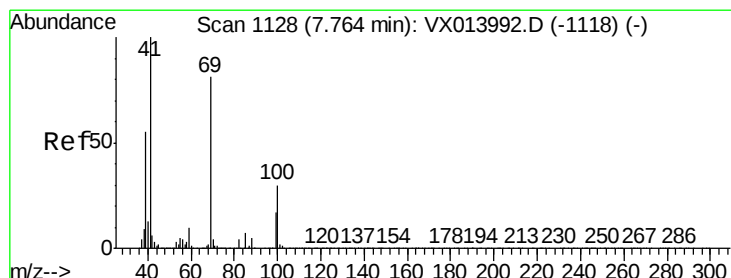
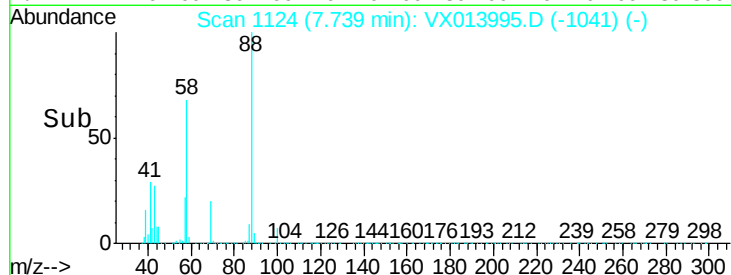
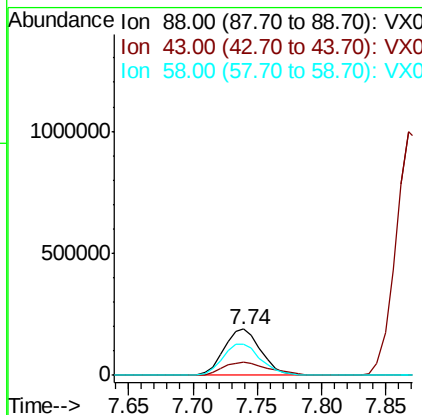
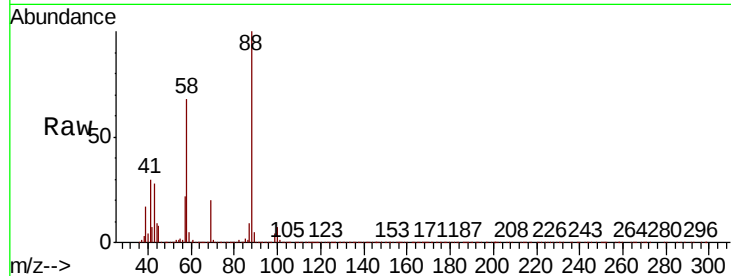
ClientSampleId :

VSTDICC150

Tot Ion:	88	Resp:	374974
Ion	Ratio	Lower	Upper
88	100		
43	34.0	25.4	38.2
58	71.7	56.5	84.7

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#46

Methyl methacrylate

Concen: 144.516 ug/l

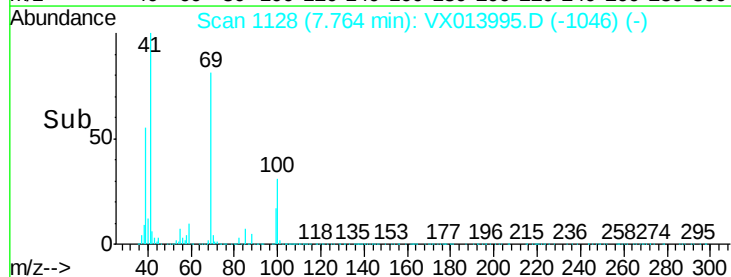
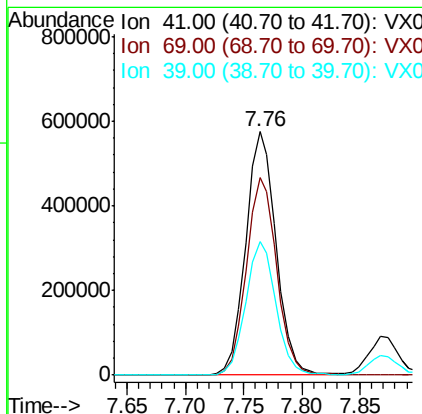
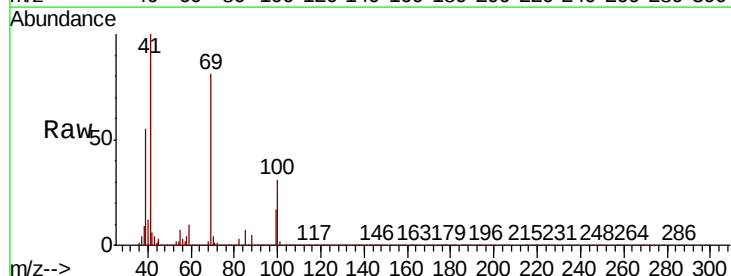
RT: 7.76 min Scan# 1128

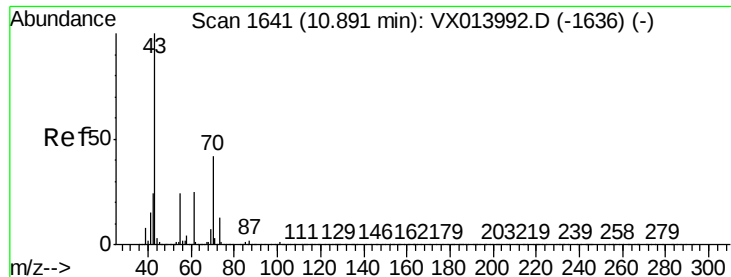
Delta R.T. -0.00 min

Lab File: VX013995.D

Acq: 13 Dec 2019 00:30

Tgt Ion:	41	Resp:	1043266
Ion	Ratio	Lower	Upper
41	100		
69	81.2	40.6	122.0
39	54.5	27.8	83.3





#47

n-amvl Acetate

Concen: 156.829 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013995.D

Acq: 13 Dec 2019 00:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 2007195

Ion Ratio Lower Upper

43 100

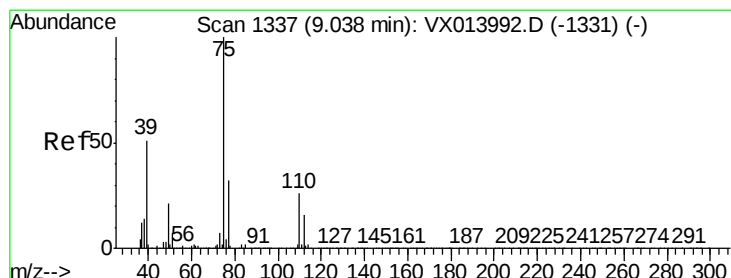
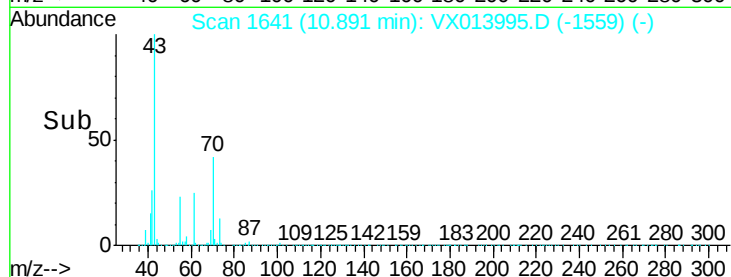
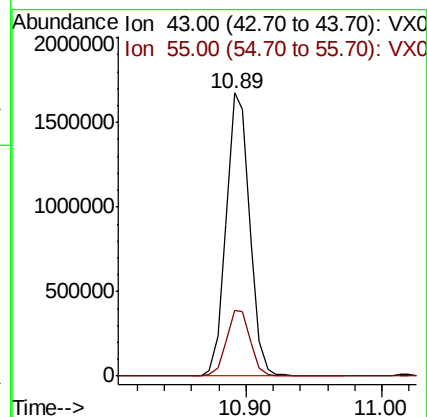
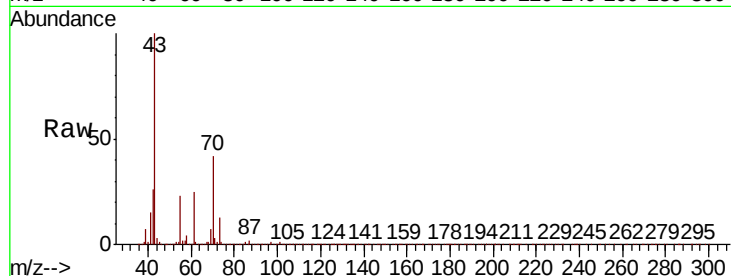
55 23.4 19.4 29.2

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#48

t-1,3-Dichloropropene

Concen: 154.700 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX013995.D

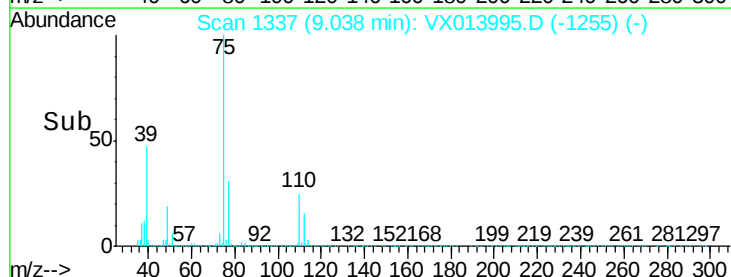
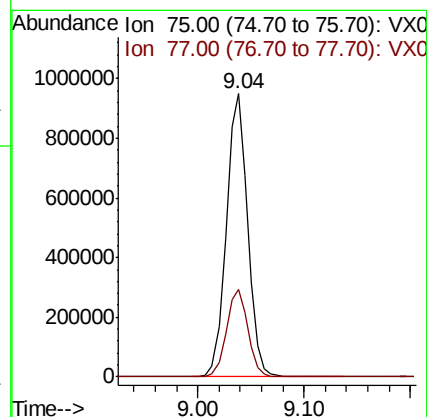
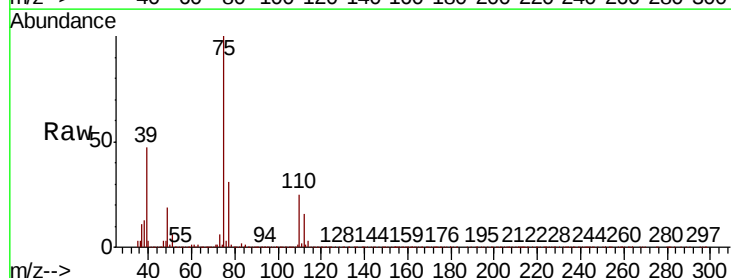
Acq: 13 Dec 2019 00:30

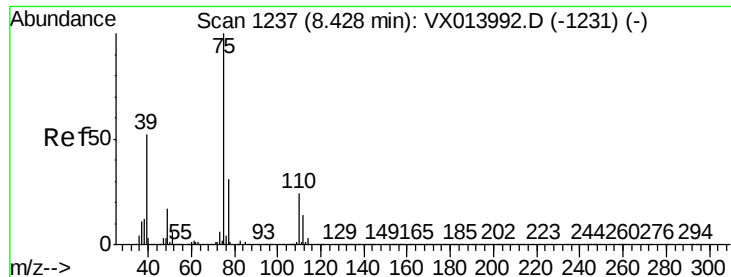
Tgt Ion: 75 Resp: 1318092

Ion Ratio Lower Upper

75 100

77 31.1 26.0 39.0





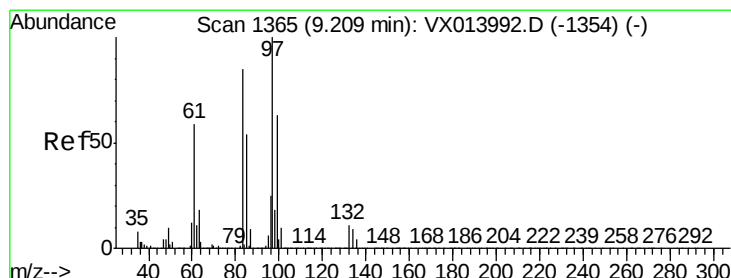
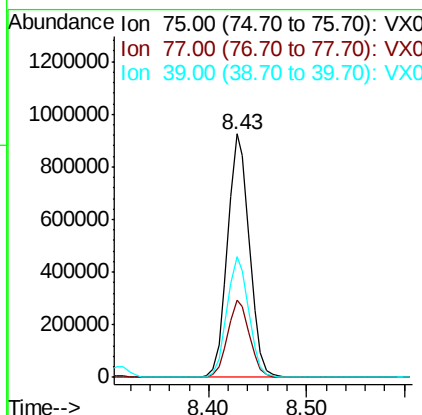
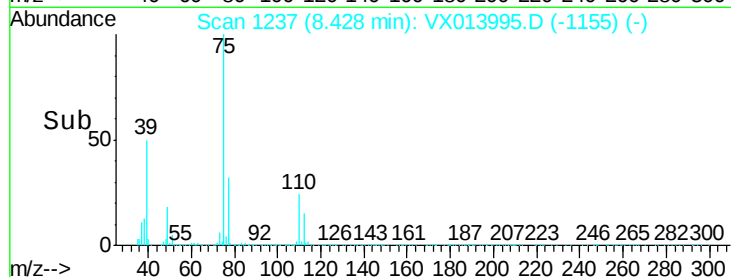
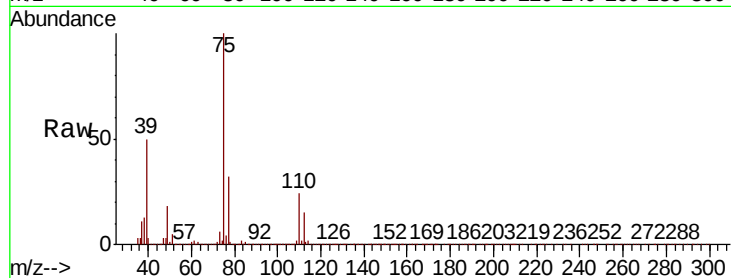
#49
 cis-1,3-Dichloropropene
 Concen: 152.741 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX013995.D
 Acq: 13 Dec 2019 00:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.7	24.8	37.2
39	49.6	41.1	61.7

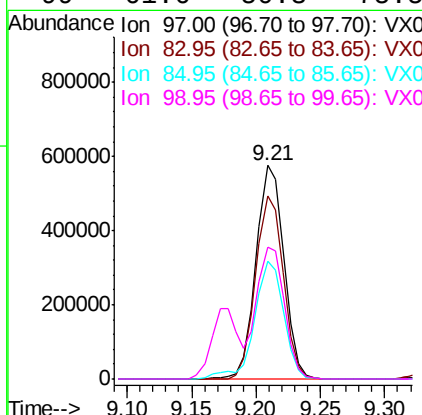
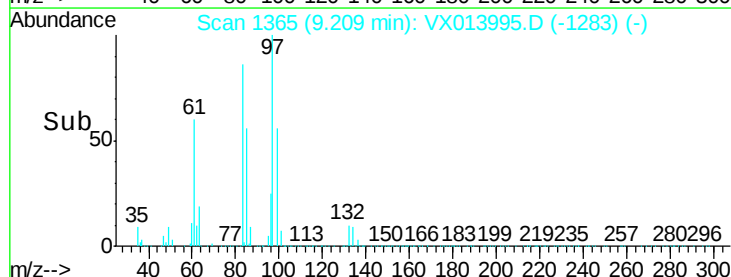
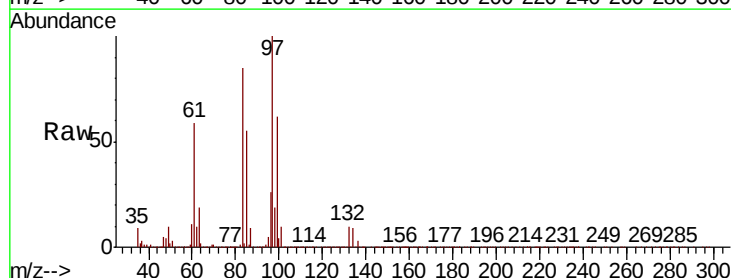
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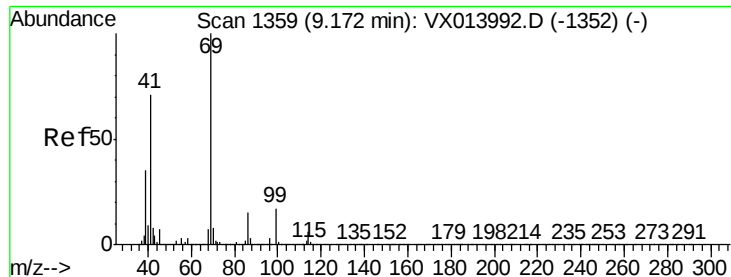
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#50
 1,1,2-Trichloroethane
 Concen: 146.573 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013995.D
 Acq: 13 Dec 2019 00:30

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.5	68.1	102.1
85	55.1	42.7	64.1
99	61.6	50.3	75.5





#51

Ethyl methacrylate

Concen: 153.271 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX013995.D

Acq: 13 Dec 2019 00:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 69 Resp: 1472410

Ion Ratio Lower Upper

69 100

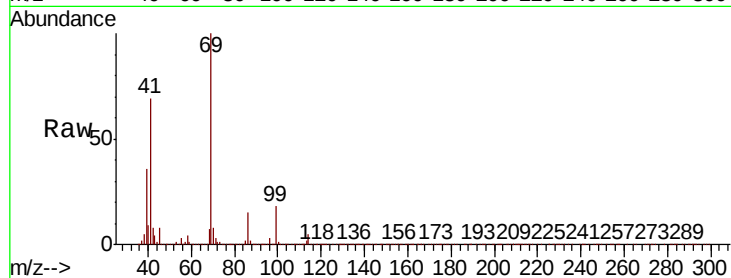
41 69.2 35.4 106.1

39 35.9 17.8 53.3

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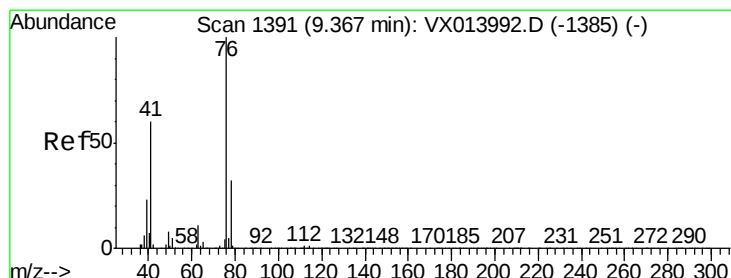
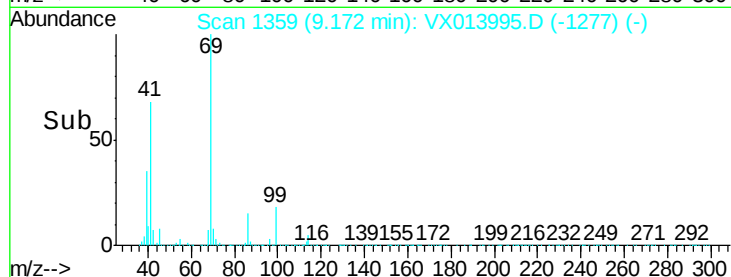
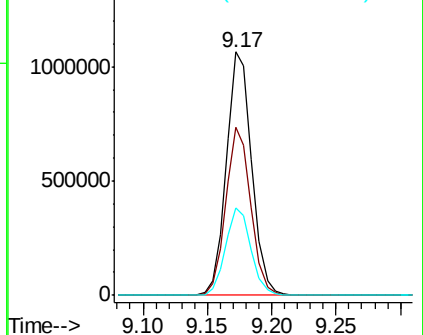
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Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 146.539 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013995.D

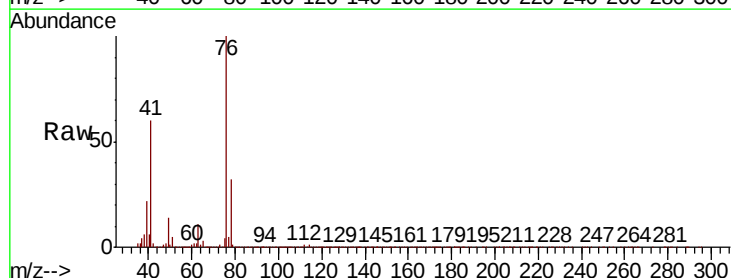
Acq: 13 Dec 2019 00:30

Tgt Ion: 76 Resp: 1467073

Ion Ratio Lower Upper

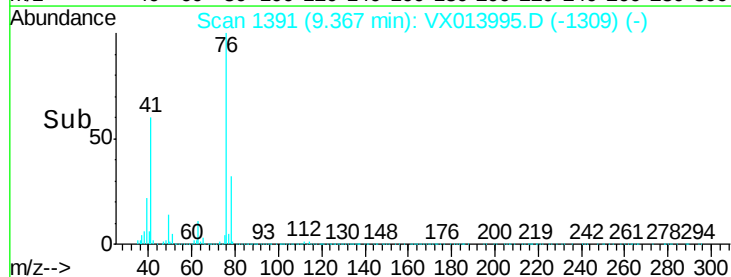
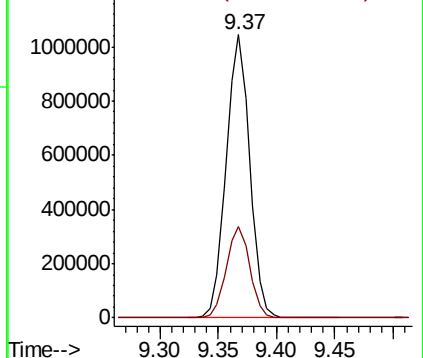
76 100

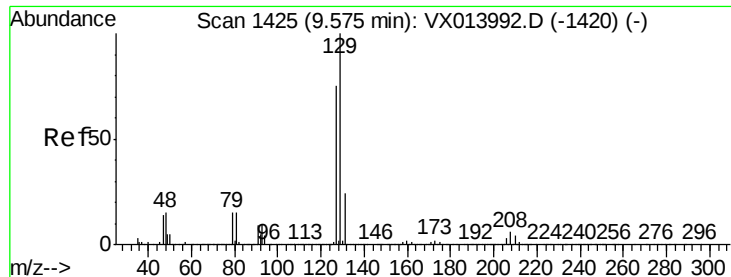
78 32.2 0.0 63.4



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





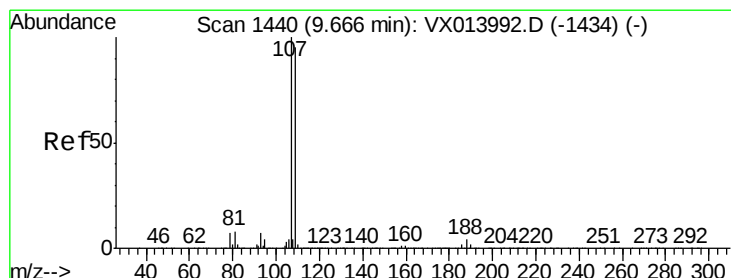
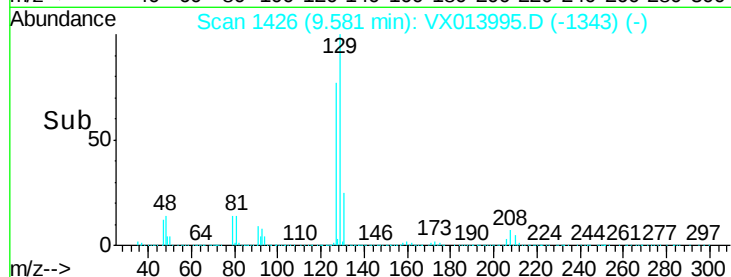
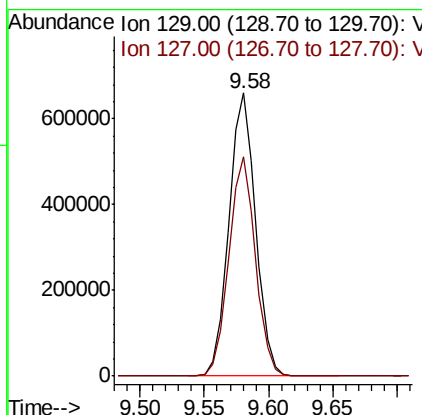
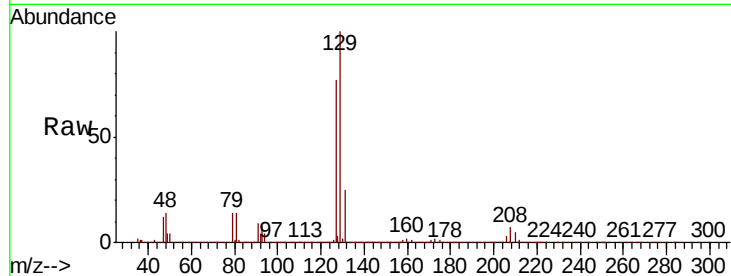
#53
Dibromochloromethane
Concen: 155.891 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.01 min
Lab File: VX013995.D
Acq: 13 Dec 2019 00:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
129	100		
127	77.4	39.1	117.5

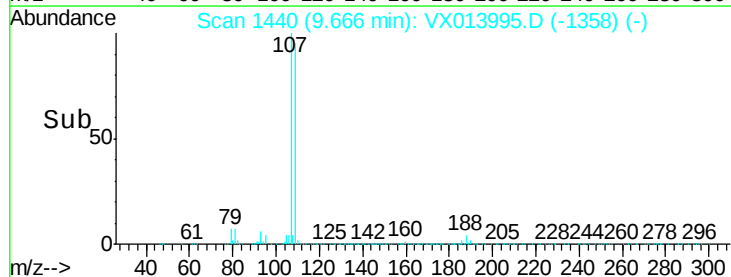
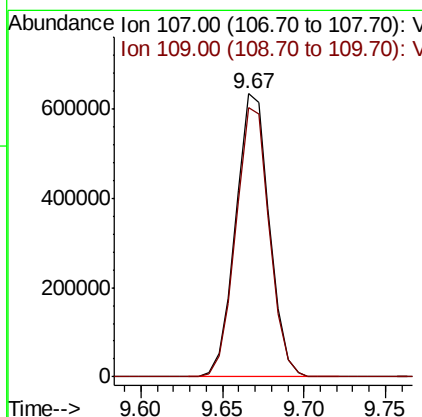
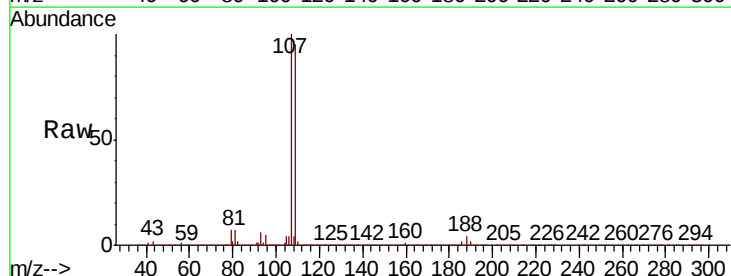
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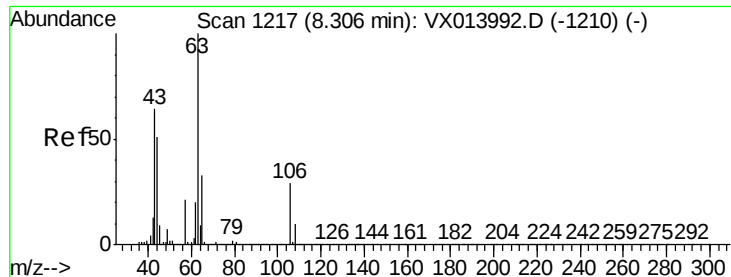
apatel
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#54
1,2-Dibromoethane
Concen: 146.601 ug/l
RT: 9.67 min Scan# 1440
Delta R.T. -0.00 min
Lab File: VX013995.D
Acq: 13 Dec 2019 00:30

Tgt Ion	Ratio	Lower	Upper
107	100		
109	94.8	77.2	115.8





#55

2-Chloroethyl vinyl ether

Concen: 749.330 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX013995.D

Acq: 13 Dec 2019 00:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 63 Resp: 3080487

Ion Ratio Lower Upper

63 100

65 32.2 25.8 38.6

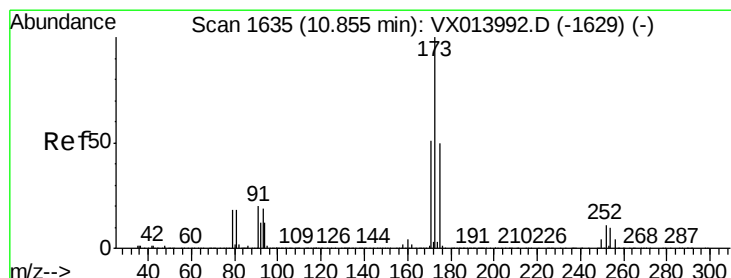
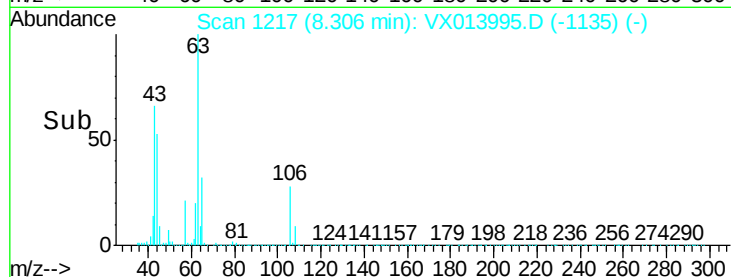
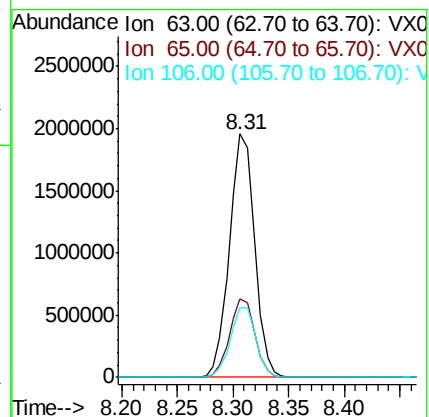
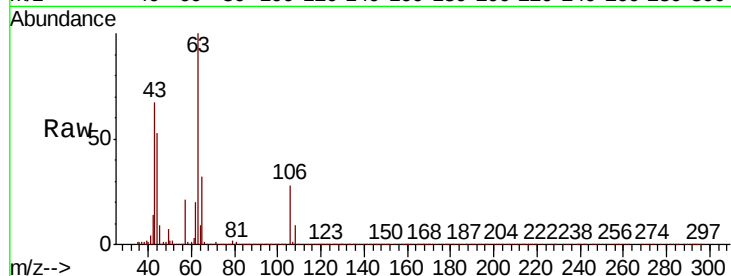
106 29.0 22.9 34.3

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#56

Bromoform

Concen: 162.625 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX013995.D

Acq: 13 Dec 2019 00:30

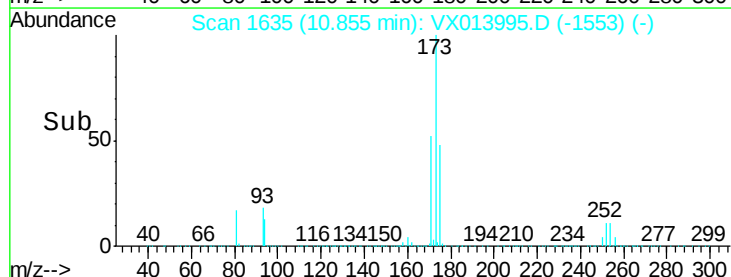
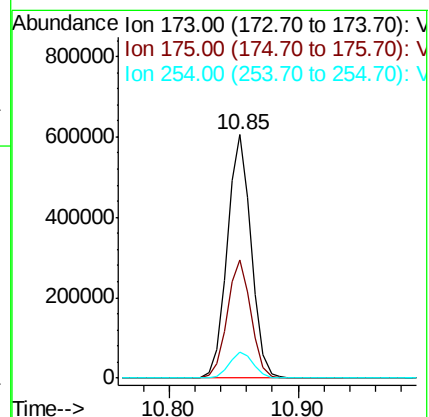
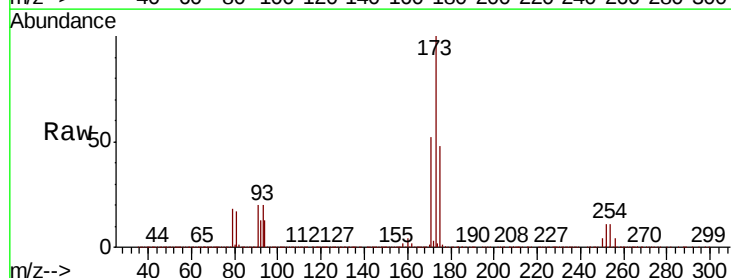
Tgt Ion: 173 Resp: 790529

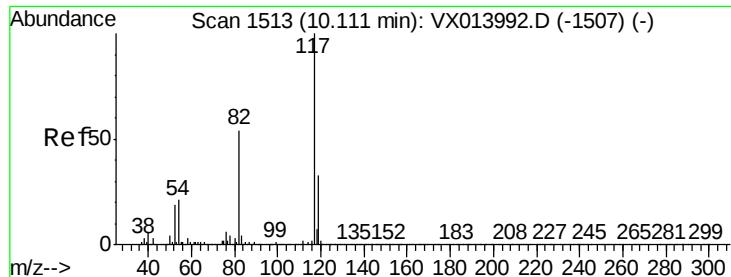
Ion Ratio Lower Upper

173 100

175 48.1 39.5 59.3

254 10.7 8.2 12.4





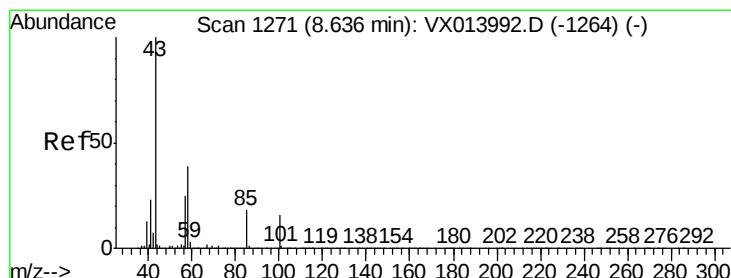
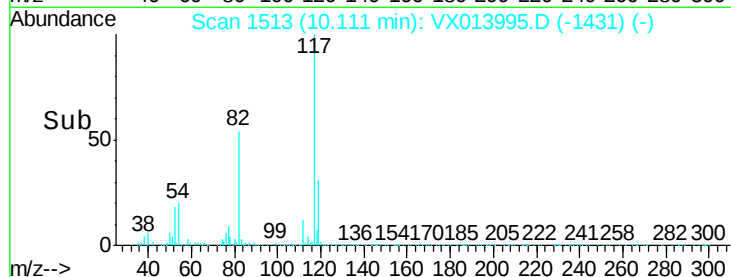
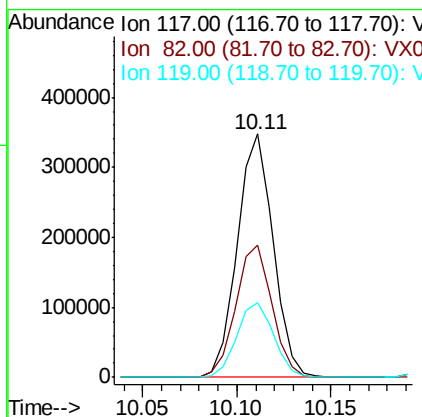
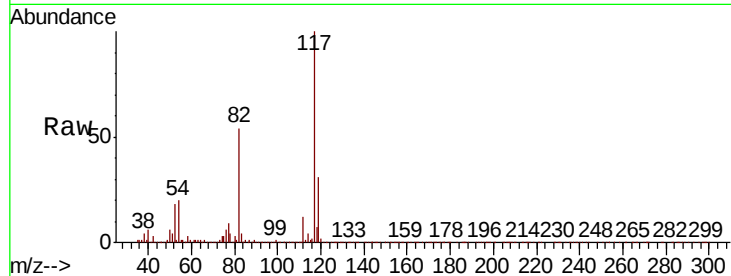
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013995.D
Acq: 13 Dec 2019 00:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.6	43.8	65.6
119	31.6	25.8	38.6

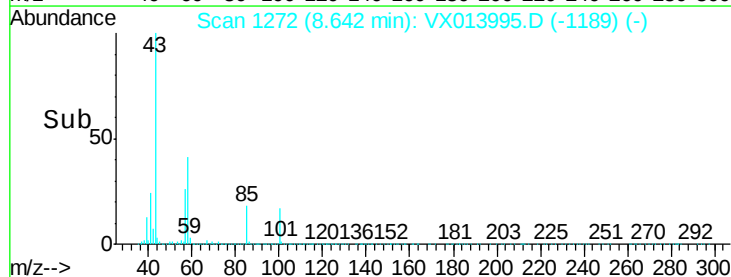
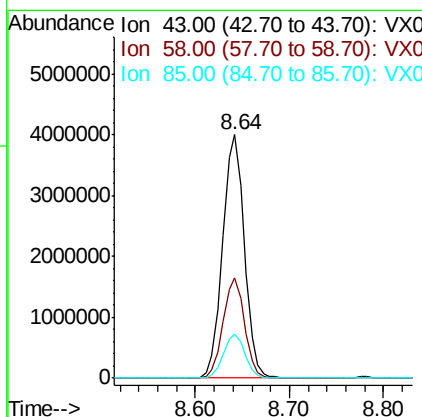
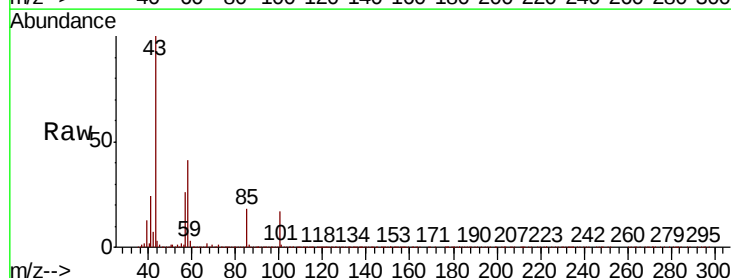
Manual Integrations
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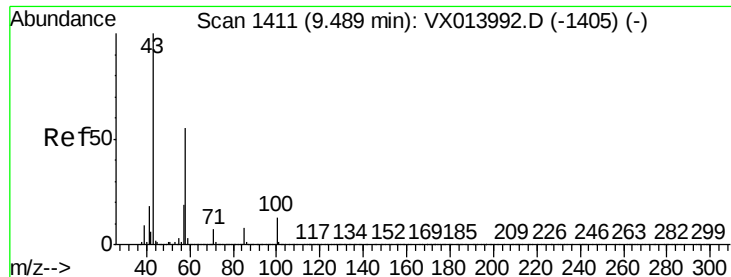
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#58
4-Methyl-2-Pentanone
Concen: 679.618 ug/l
RT: 8.64 min Scan# 1272
Delta R.T. 0.01 min
Lab File: VX013995.D
Acq: 13 Dec 2019 00:30

Tgt Ion	Ratio	Lower	Upper
43	100		
58	40.6	31.2	46.8
85	17.9	14.2	21.2





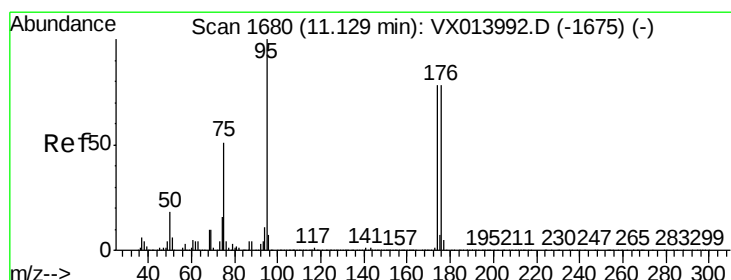
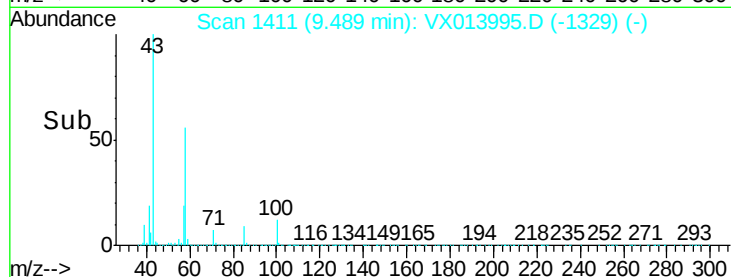
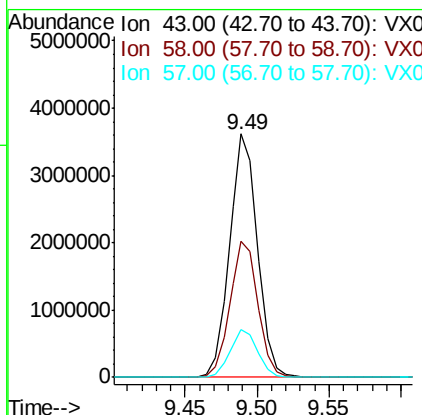
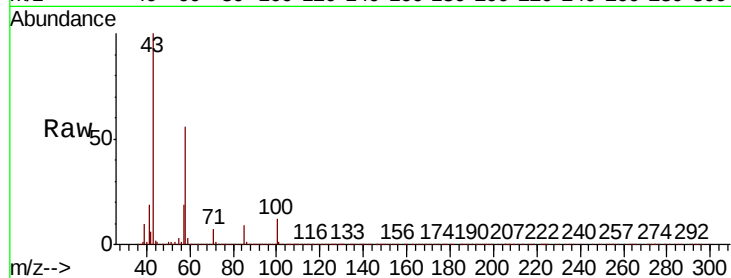
#59
2-Hexanone
Concen: 663.419 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. -0.00 min
Lab File: VX013995.D
Acq: 13 Dec 2019 00:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
58	56.5	43.8	65.6
57	19.4	15.4	23.0

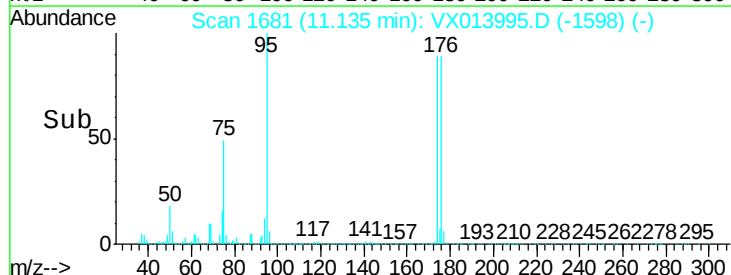
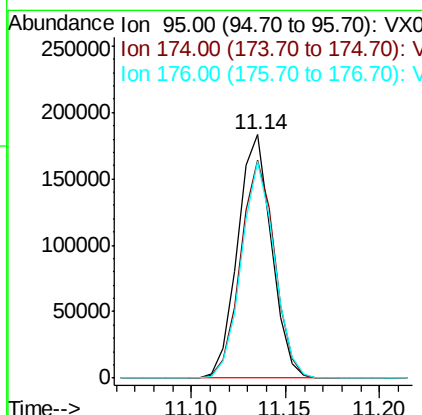
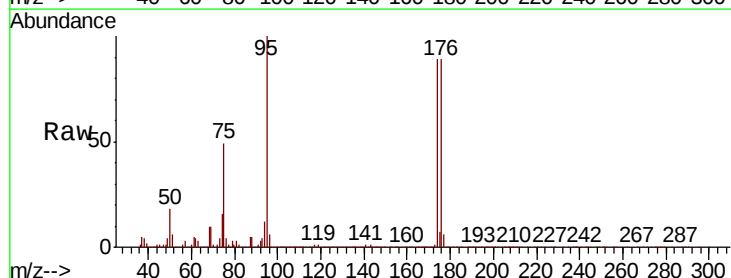
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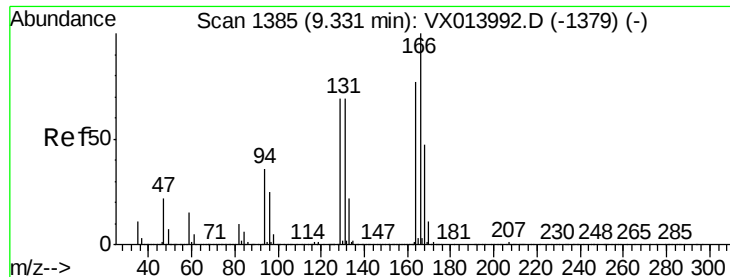
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#60
4-Bromofluorobenzene
Concen: 30.903 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX013995.D
Acq: 13 Dec 2019 00:30

Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.8	70.2	105.2
176	86.8	68.3	102.5





#61

Tetrachloroethene

Concen: 148.445 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX013995.D

Acq: 13 Dec 2019 00:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:164 Resp: 852079

Ion Ratio Lower Upper

164 100

166 126.8 104.2 156.2

129 86.3 71.6 107.4

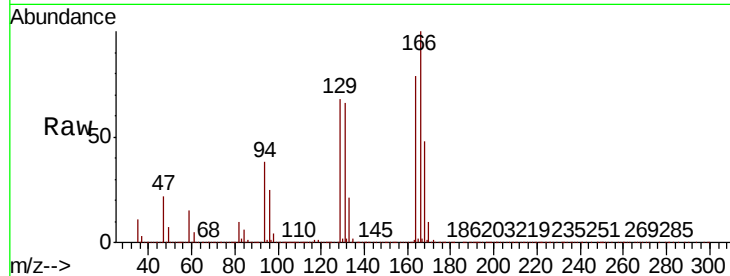
131 83.8 71.7 107.5

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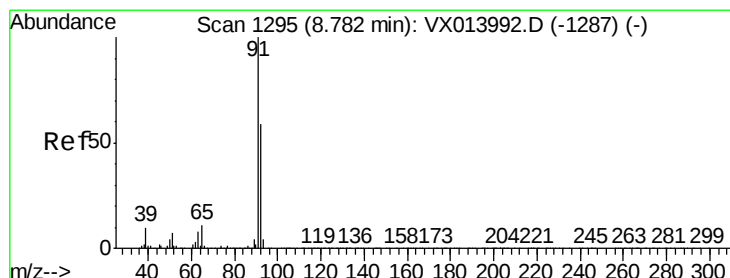
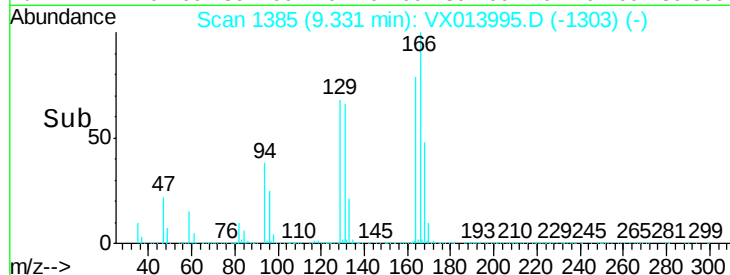
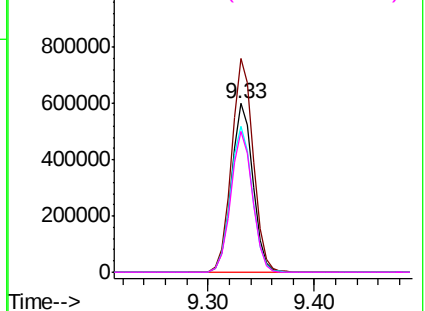


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 141.315 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX013995.D

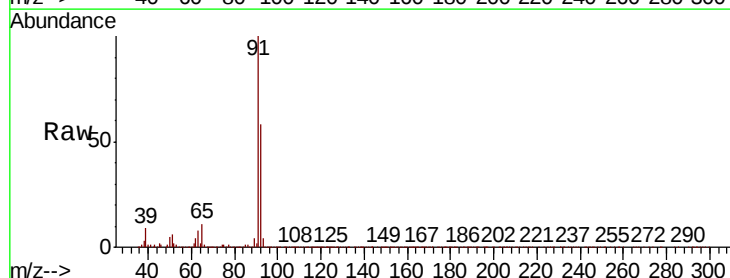
Acq: 13 Dec 2019 00:30

Tgt Ion: 91 Resp: 3591041

Ion Ratio Lower Upper

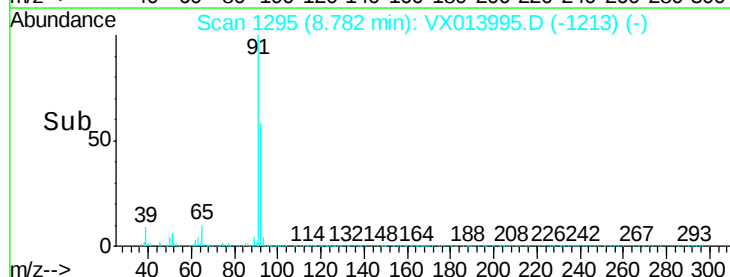
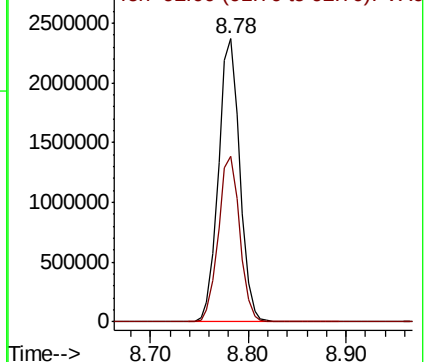
91 100

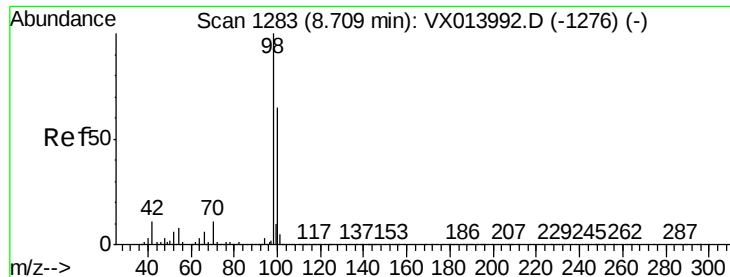
92 58.7 46.4 69.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 28.935 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013995.D

Acq: 13 Dec 2019 00:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 98 Resp: 600331

Ion Ratio Lower Upper

98 100

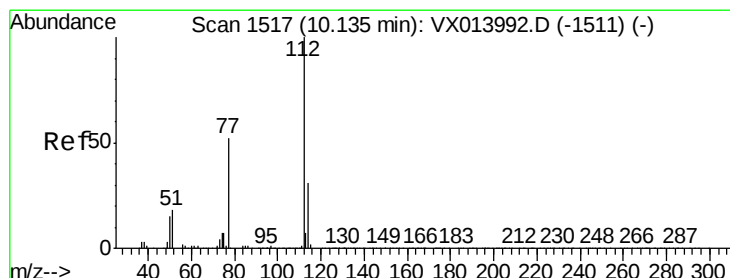
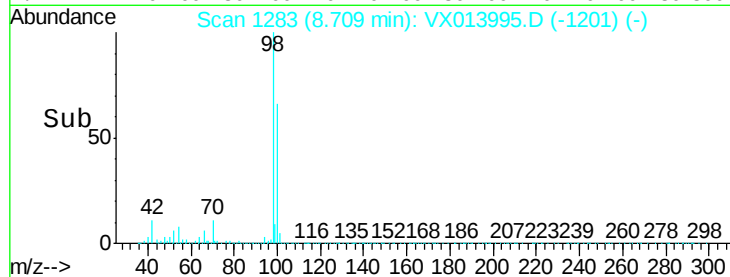
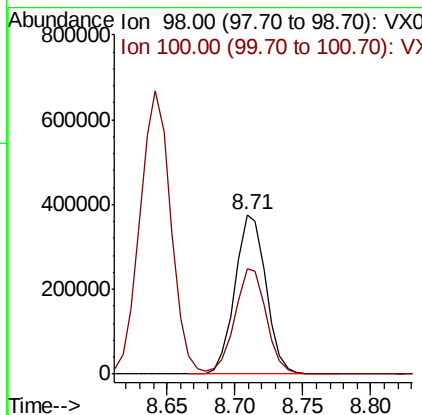
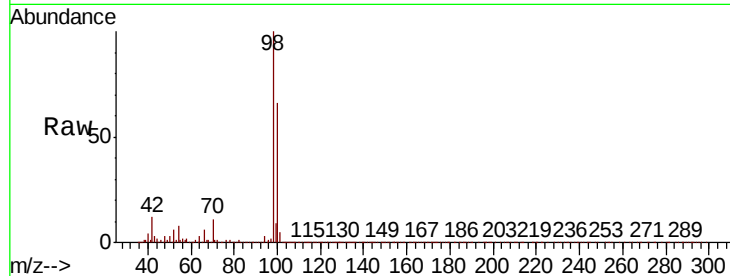
100 66.6 52.2 78.2

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#64

Chlorobenzene

Concen: 144.874 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX013995.D

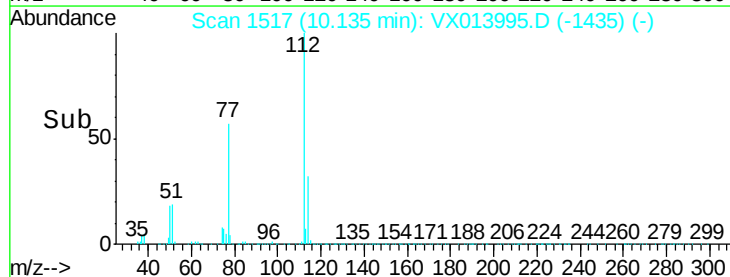
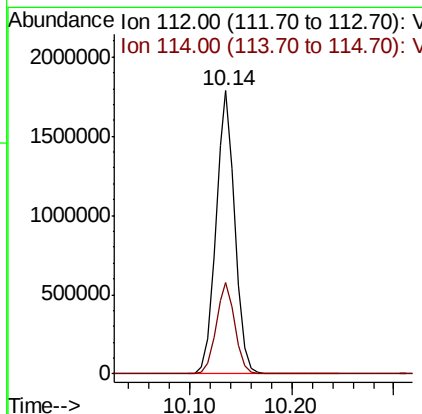
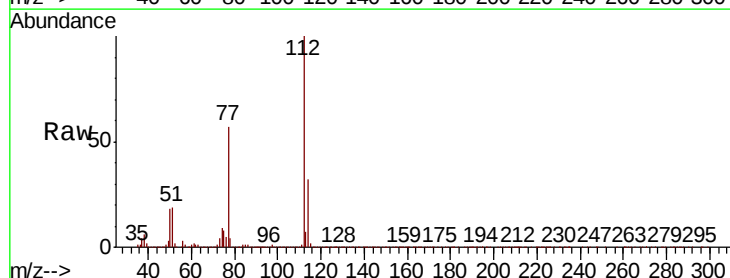
Acq: 13 Dec 2019 00:30

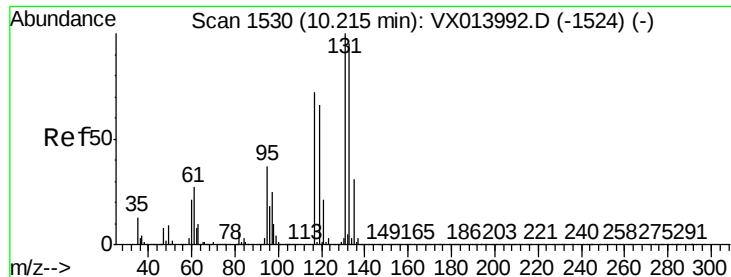
Tgt Ion: 112 Resp: 2313948

Ion Ratio Lower Upper

112 100

114 32.1 24.4 36.6





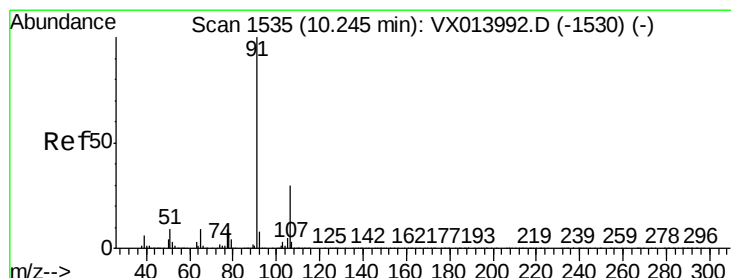
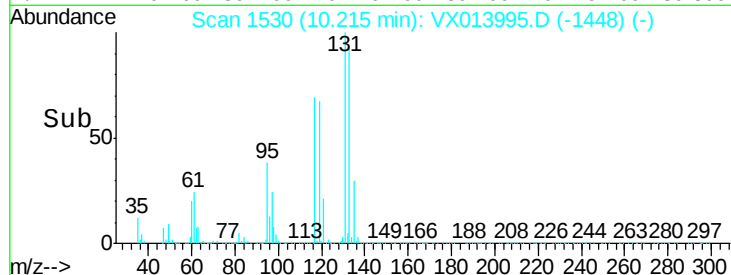
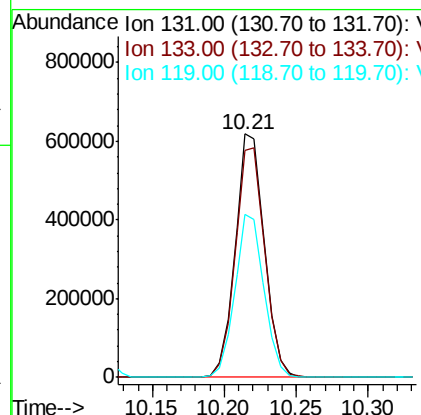
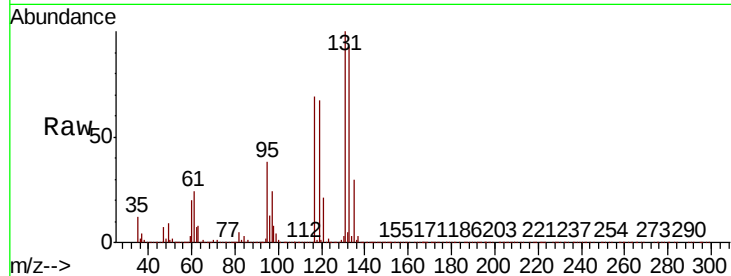
#65
 1,1,1,2-Tetrachloroethane
 Concen: 147.381 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VX013995.D
 Acq: 13 Dec 2019 00:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
131	100	874779		
133	95.4	0.0	189.8	
119	66.5	0.0	132.2	

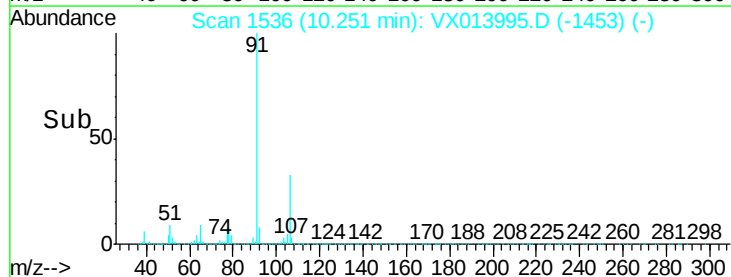
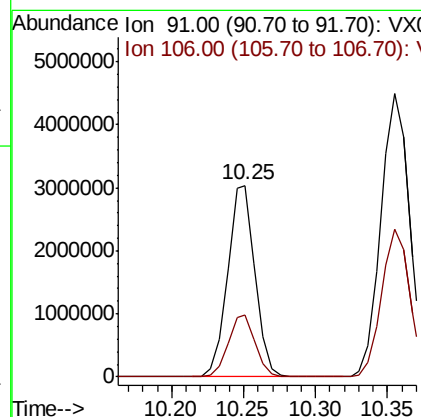
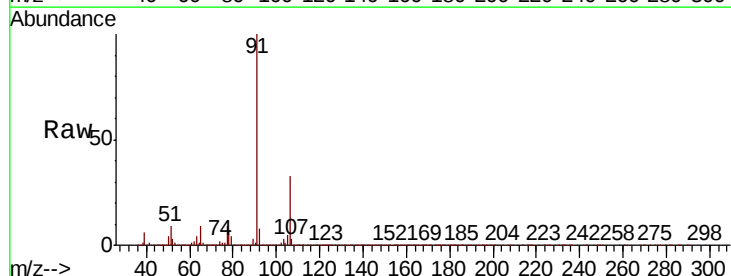
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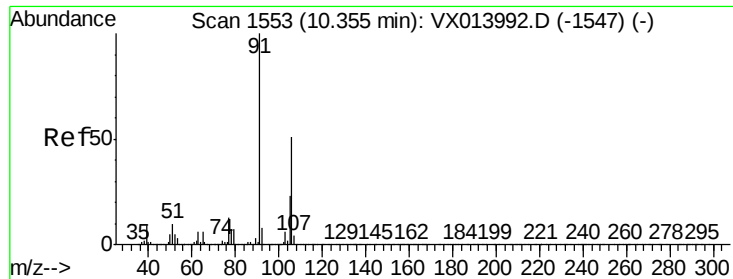
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#66
 Ethyl Benzene
 Concen: 144.887 ug/l
 RT: 10.25 min Scan# 1536
 Delta R.T. 0.01 min
 Lab File: VX013995.D
 Acq: 13 Dec 2019 00:30

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	4049535		
106	32.6	24.2	36.2	





#67

m/p-Xvlenes

Concen: 289.937 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013995.D

Acq: 13 Dec 2019 00:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:106 Resp: 3128867

Ion Ratio Lower Upper

106 100

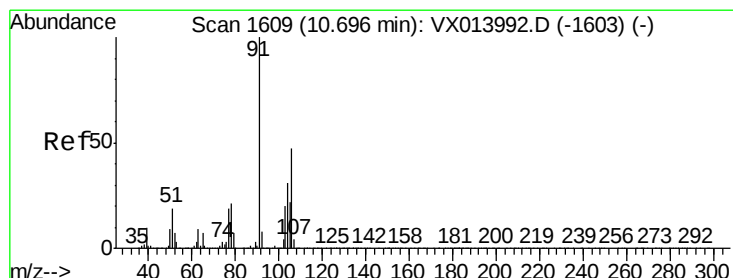
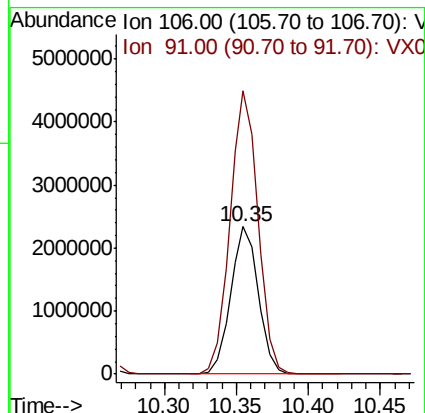
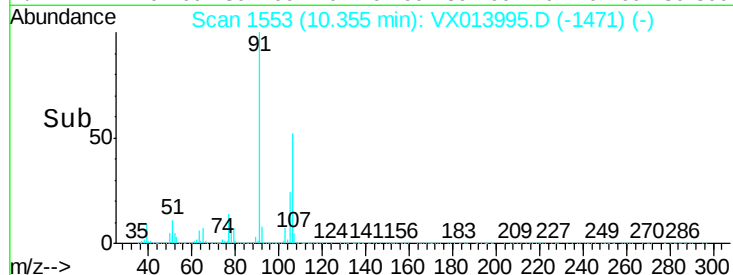
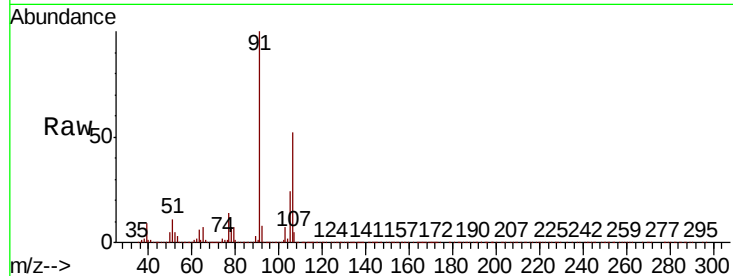
91 195.2 159.3 238.9

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#68

o-Xylene

Concen: 148.177 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. -0.00 min

Lab File: VX013995.D

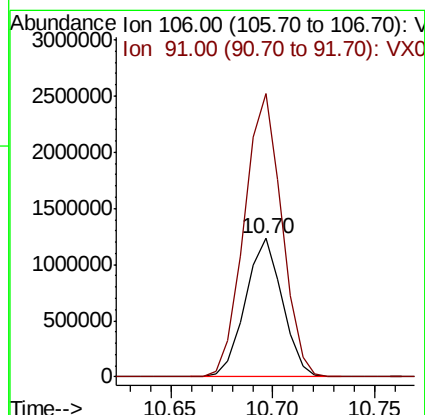
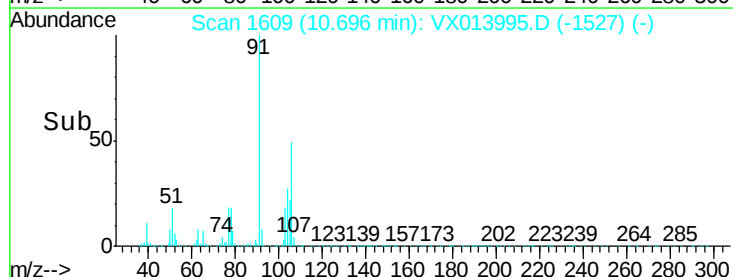
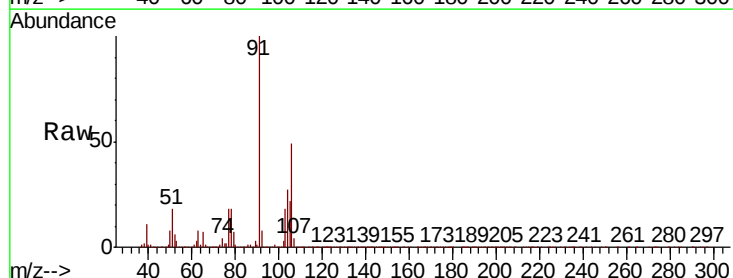
Acq: 13 Dec 2019 00:30

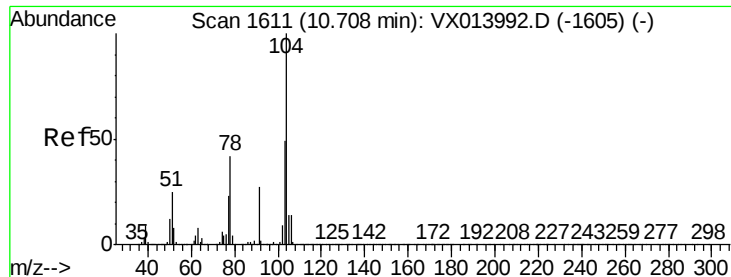
Tgt Ion:106 Resp: 1551131

Ion Ratio Lower Upper

106 100

91 207.3 104.8 314.6





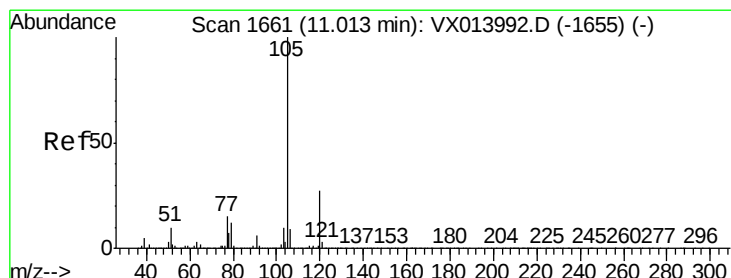
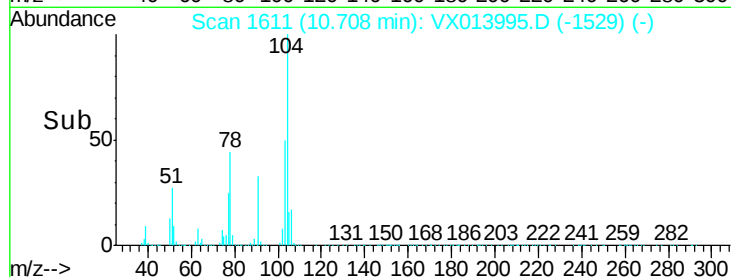
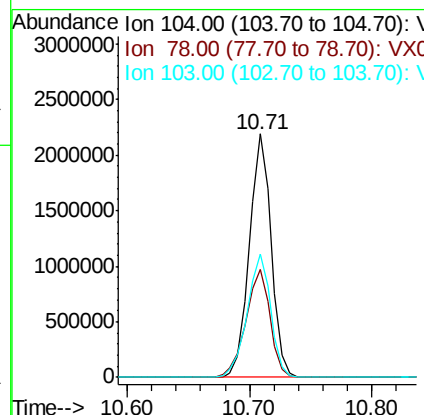
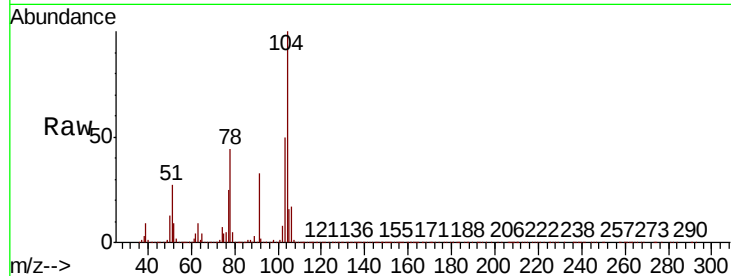
#69
Stvrene
Concen: 152.631 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013995.D
Acq: 13 Dec 2019 00:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
104	100		
78	48.9	38.9	58.3
103	54.3	44.2	66.2

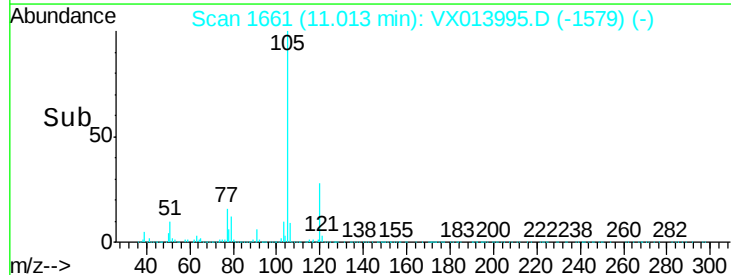
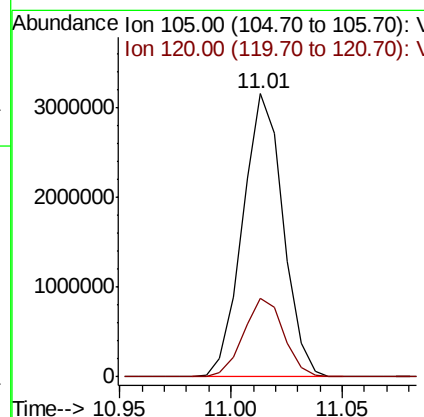
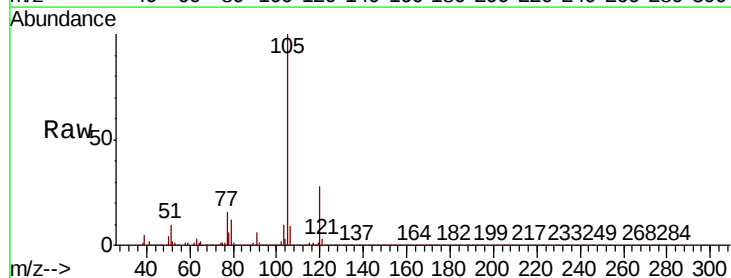
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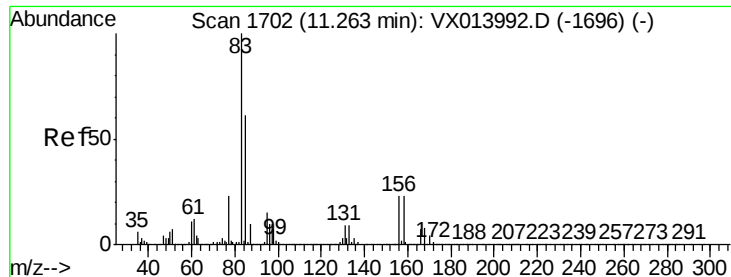
apatel
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#70
Isopropylbenzene
Concen: 145.997 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX013995.D
Acq: 13 Dec 2019 00:30

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.7	19.1	35.5





#71

1,1,2,2-Tetrachloroethane

Concen: 145.744 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013995.D

Acq: 13 Dec 2019 00:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 83 Resp: 1427959

Ion Ratio Lower Upper

83 100

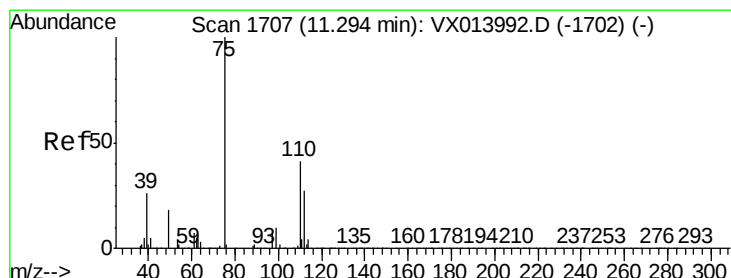
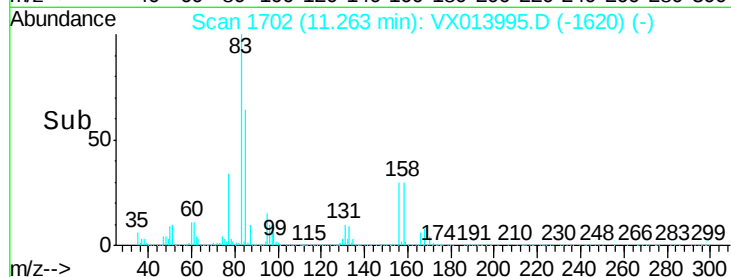
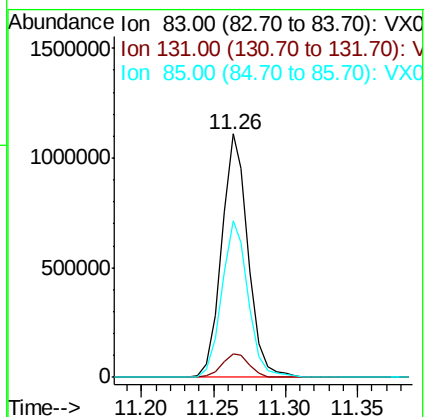
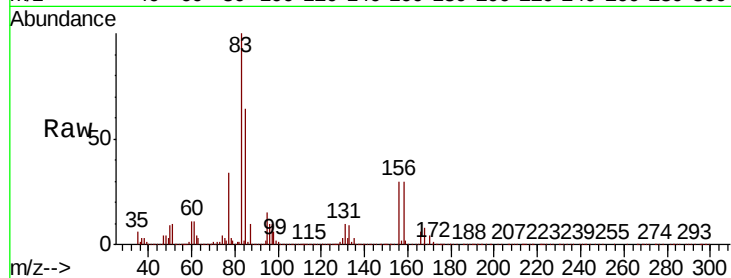
131 10.0 4.9 14.7

85 64.3 31.6 94.7

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#72

1,2,3-Trichloropropane

Concen: 148.256 ug/l m

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX013995.D

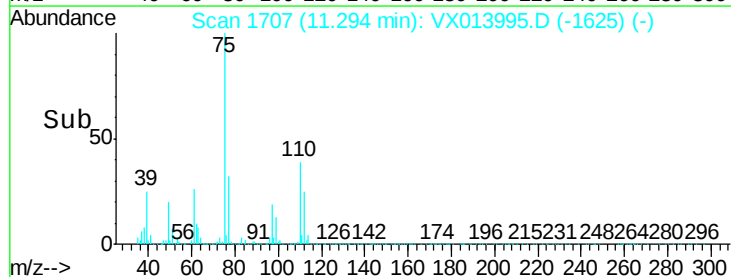
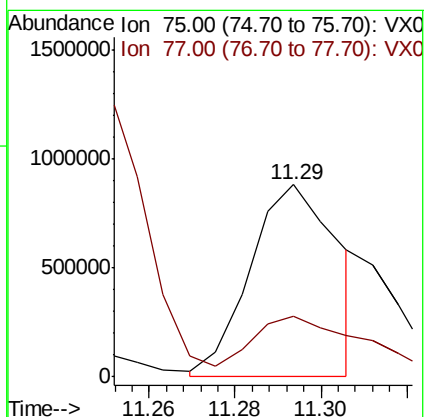
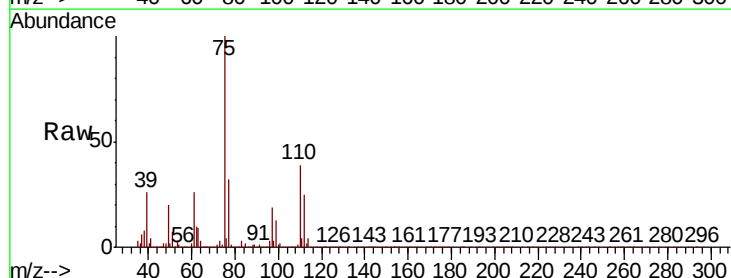
Acq: 13 Dec 2019 00:30

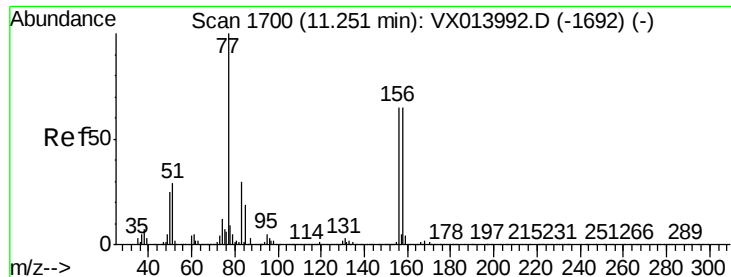
Tgt Ion: 75 Resp: 1257396

Ion Ratio Lower Upper

75 100

77 40.6 0.0 68.4





#73

Bromobenzene

Concen: 150.380 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013995.D

Acq: 13 Dec 2019 00:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:156 Resp: 1089988

Ion Ratio Lower Upper

156 100

77 152.2 0.0 304.6

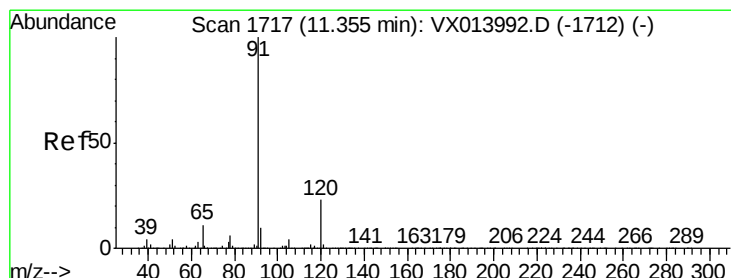
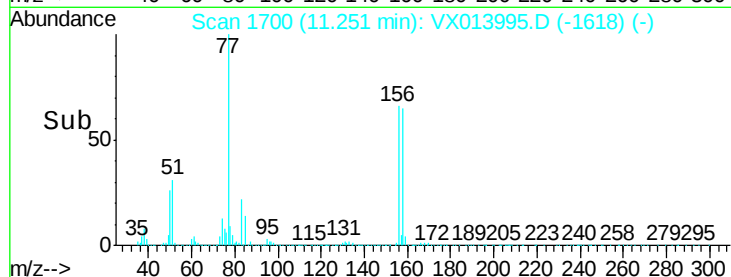
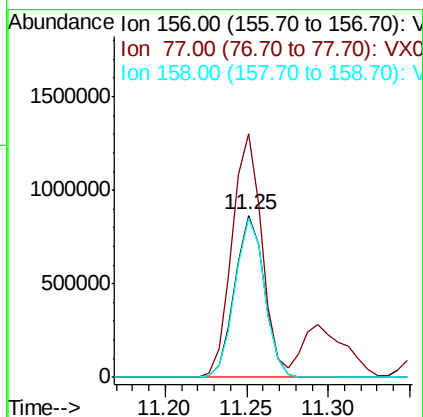
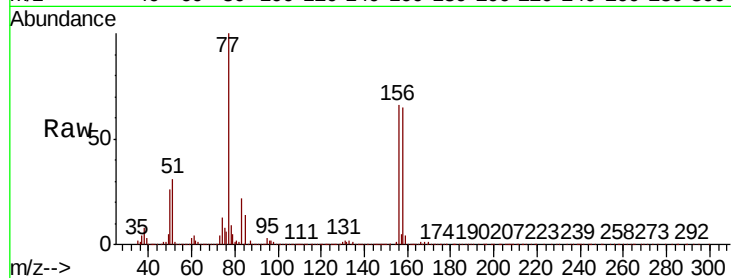
158 98.2 0.0 195.2

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#74

n-propylbenzene

Concen: 148.962 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013995.D

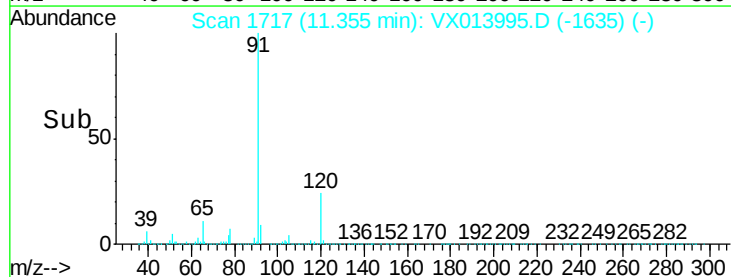
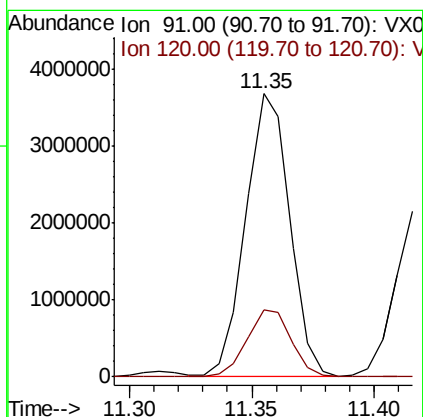
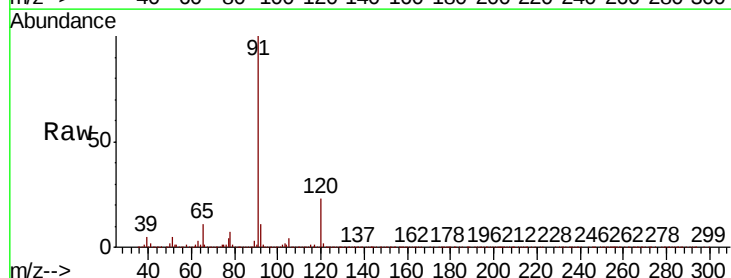
Acq: 13 Dec 2019 00:30

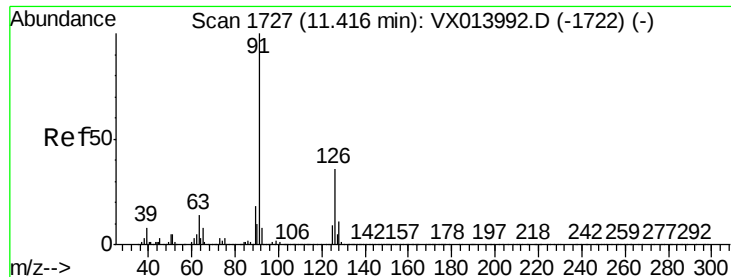
Tgt Ion: 91 Resp: 4636514

Ion Ratio Lower Upper

91 100

120 23.6 0.0 44.8





#75

2-Chlorotoluene

Concen: 149.467 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013995.D

Acq: 13 Dec 2019 00:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 2778525

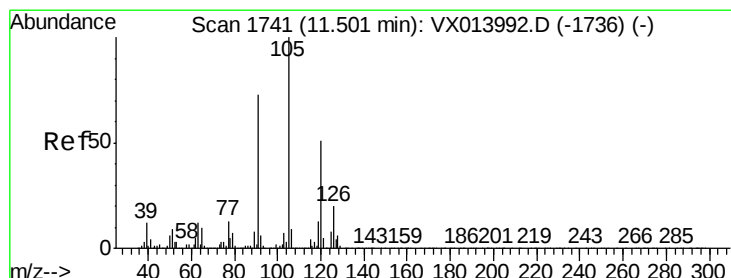
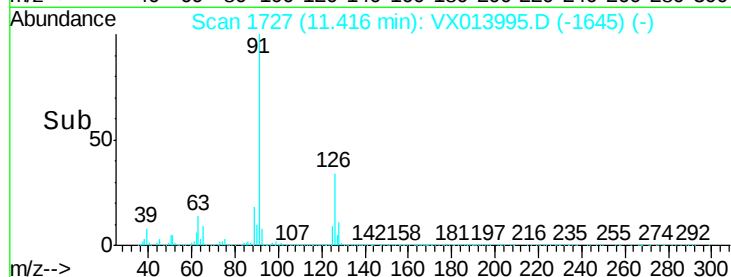
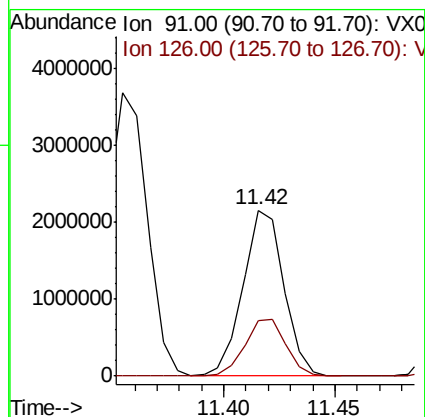
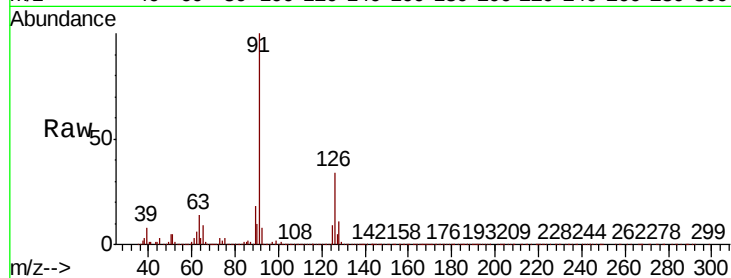
Ion Ratio Lower Upper

91 100

126 34.7 0.0 70.8

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#76

1,3,5-Trimethylbenzene

Concen: 150.794 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013995.D

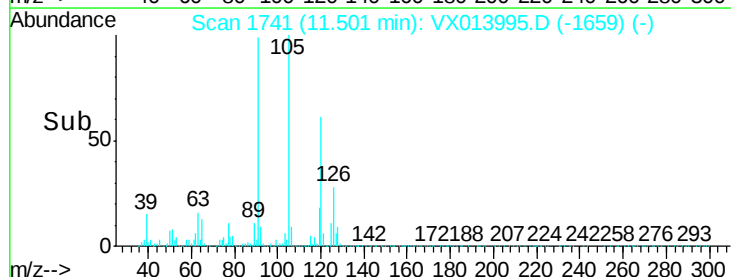
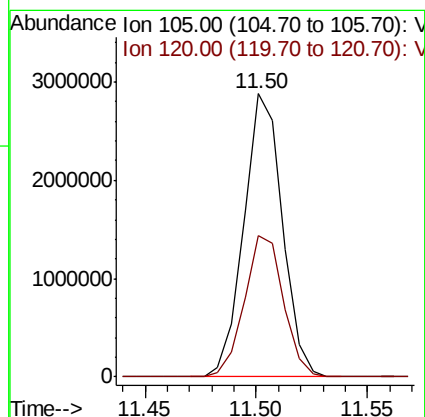
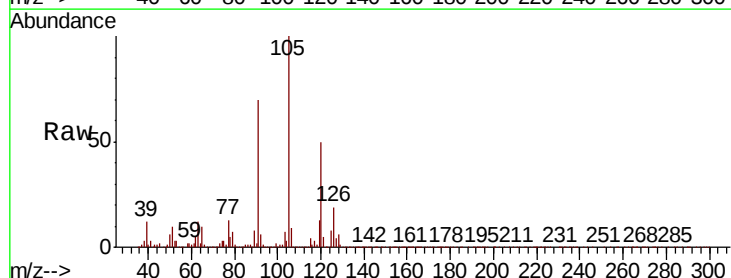
Acq: 13 Dec 2019 00:30

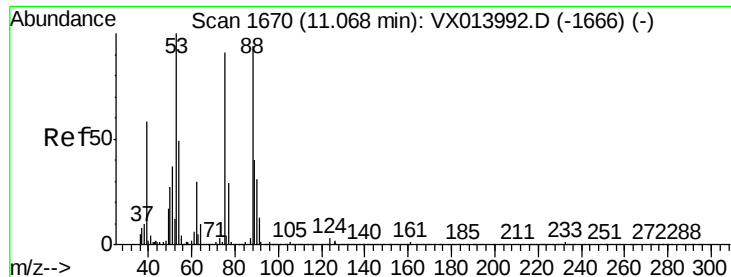
Tgt Ion: 105 Resp: 3479064

Ion Ratio Lower Upper

105 100

120 50.6 0.0 100.6





#77

t-1,4-Dichloro-2-butene

Concen: 150.008 ug/l

RT: 11.07 min Scan# 1671

Delta R.T. 0.01 min

Lab File: VX013995.D

Acq: 13 Dec 2019 00:30

Instrument :

MSVOA_X

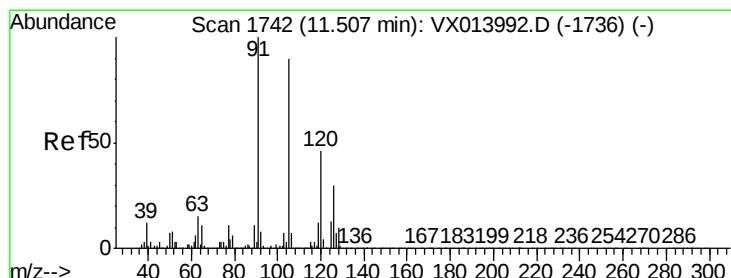
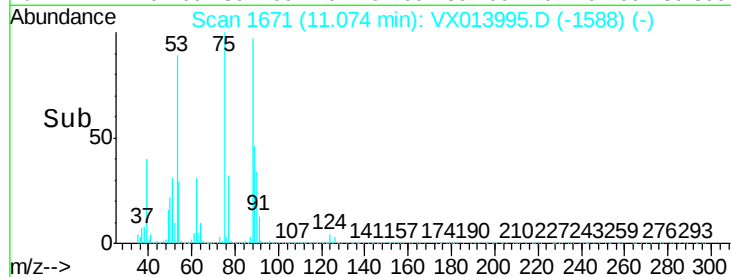
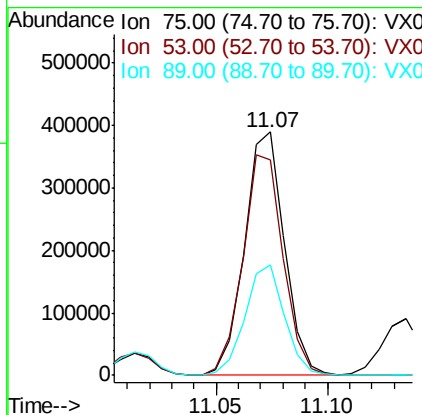
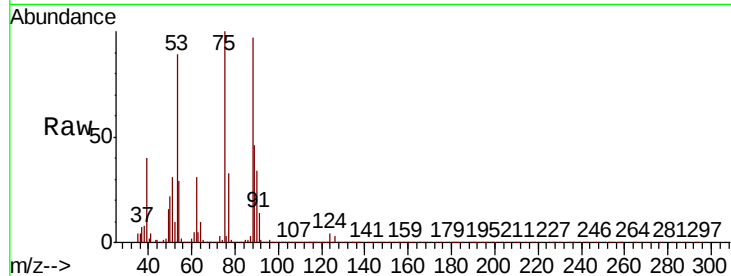
ClientSampleId :

VSTDIC150

Tot Ion:	75	Resp:	485691
Ion Ratio	Lower	Upper	
75	100		
53	88.5	54.4	163.1
89	45.5	21.9	65.5

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#78

4-Chlorotoluene

Concen: 152.192 ug/l

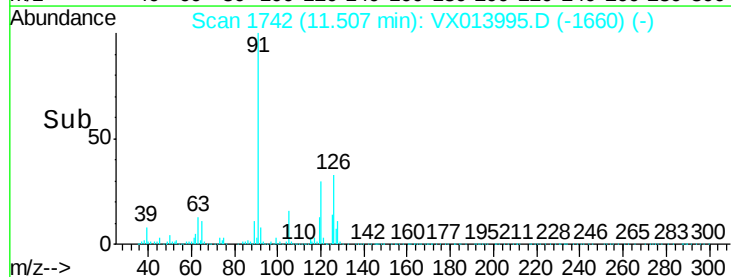
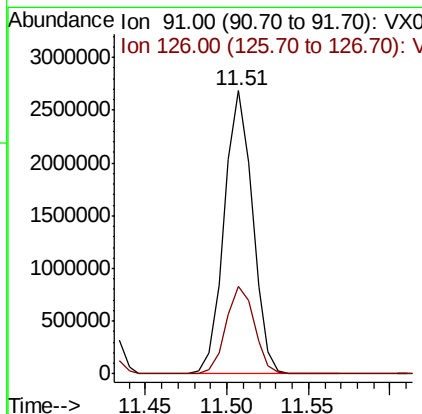
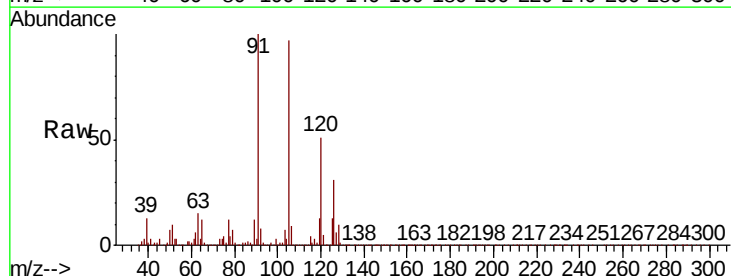
RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX013995.D

Acq: 13 Dec 2019 00:30

Tgt Ion:	91	Resp:	3243248
Ion Ratio	Lower	Upper	
91	100		
126	30.9	0.0	59.6





#79

tert-butylbenzene

Concen: 150.981 ug/l

RT: 11.77 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VX013995.D

Acq: 13 Dec 2019 00:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:119 Resp: 3484993

Ion Ratio Lower Upper

119 100

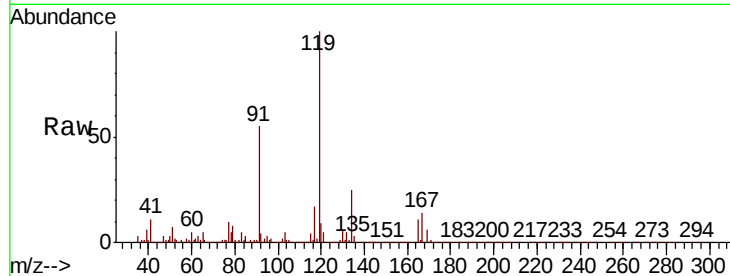
91 54.9 0.0 112.6

134 24.0 0.0 49.8

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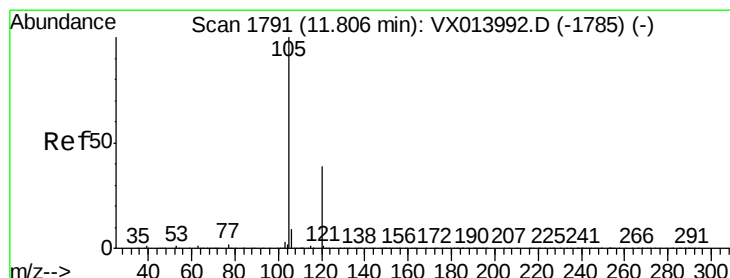
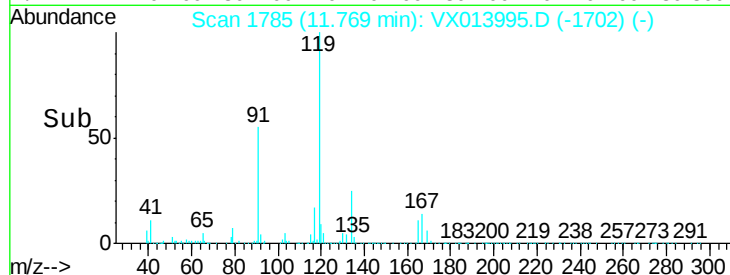
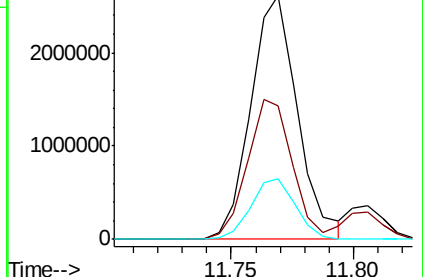
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Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 150.863 ug/l

RT: 11.81 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX013995.D

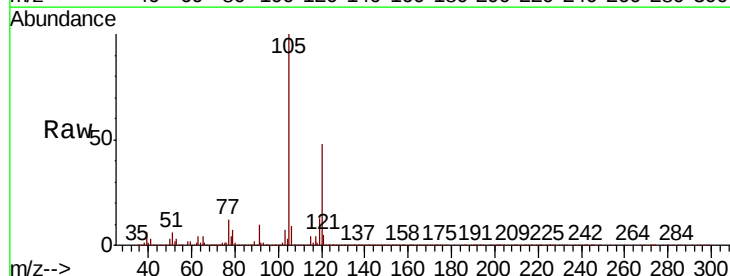
Acq: 13 Dec 2019 00:30

Tgt Ion:105 Resp: 3475189

Ion Ratio Lower Upper

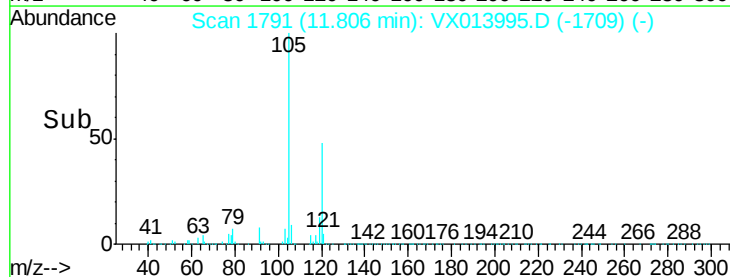
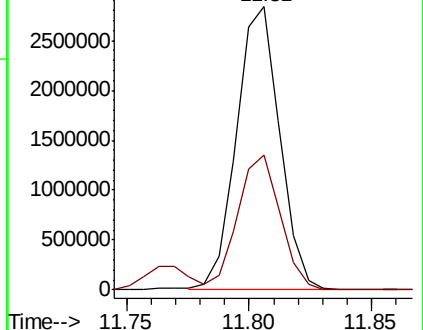
105 100

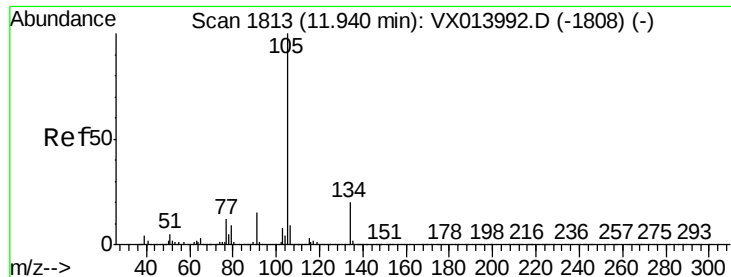
120 46.9 0.0 92.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

sec-Butylbenzene

Concen: 151.532 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013995.D

Acq: 13 Dec 2019 00:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 4022083

Ion Ratio Lower Upper

105 100

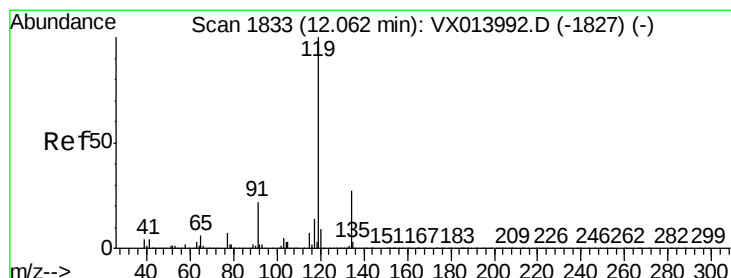
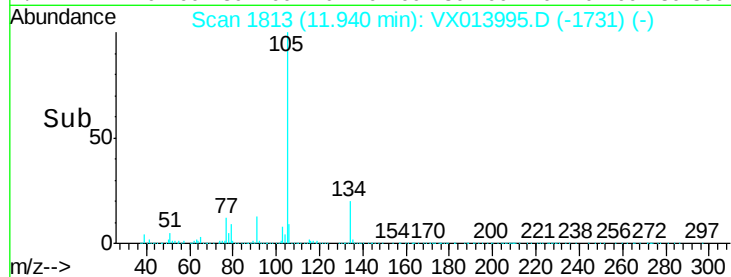
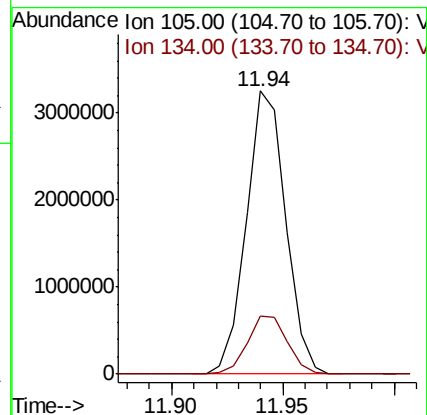
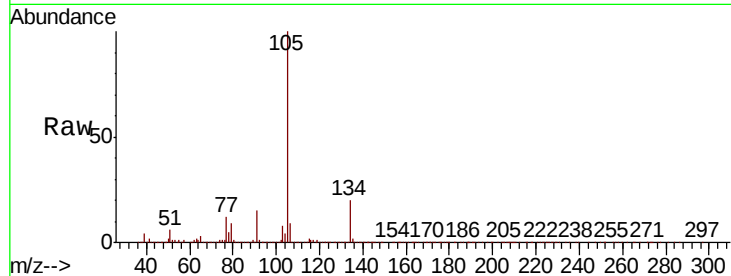
134 21.0 0.0 40.2

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#82

p-Isopropyltoluene

Concen: 151.067 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013995.D

Acq: 13 Dec 2019 00:30

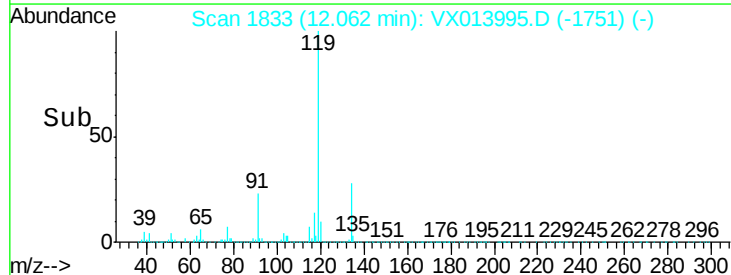
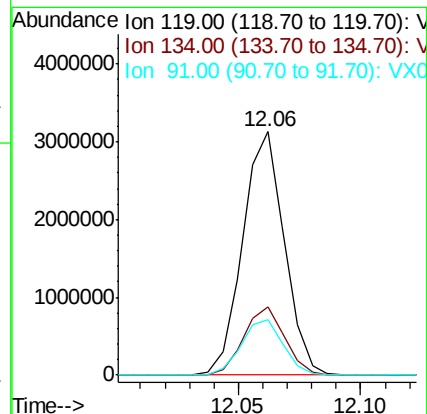
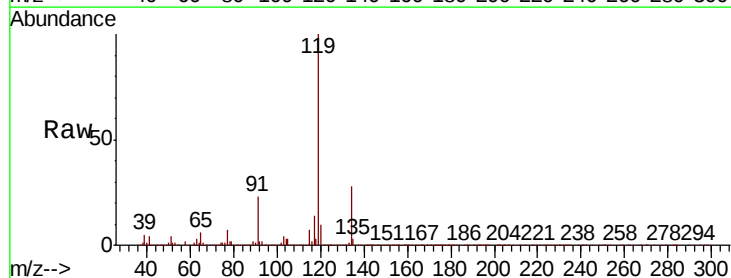
Tgt Ion:119 Resp: 3674839

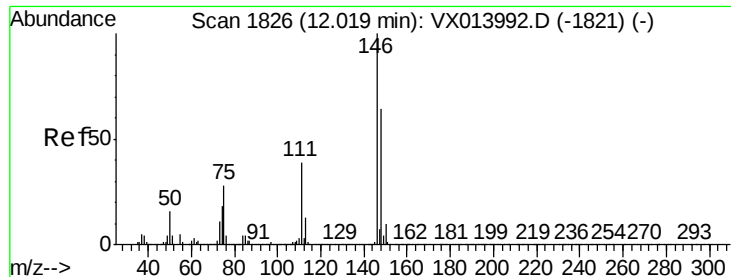
Ion Ratio Lower Upper

119 100

134 27.6 0.0 53.8

91 23.0 0.0 45.0





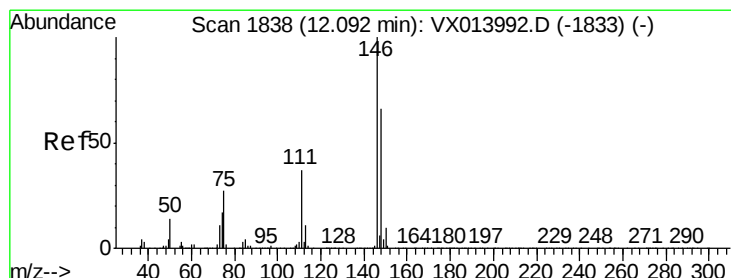
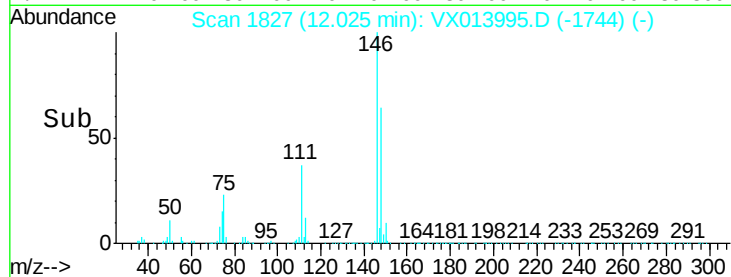
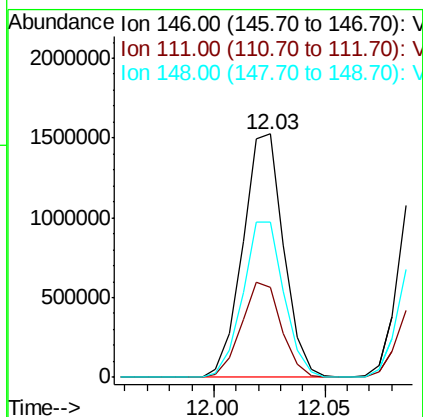
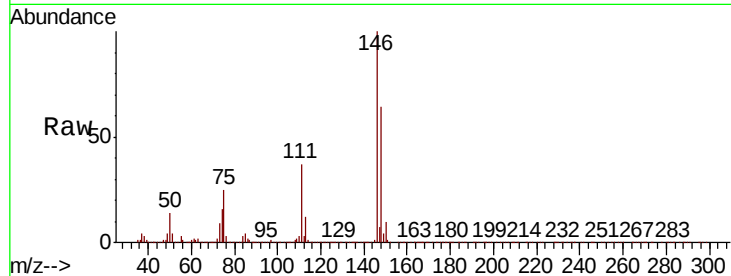
#83
1,3-Dichlorobenzene
Concen: 153.428 ug/l
RT: 12.03 min Scan# 1827
Delta R.T. 0.01 min
Lab File: VX013995.D
Acq: 13 Dec 2019 00:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.3	57.9
148	64.2	32.2	96.6

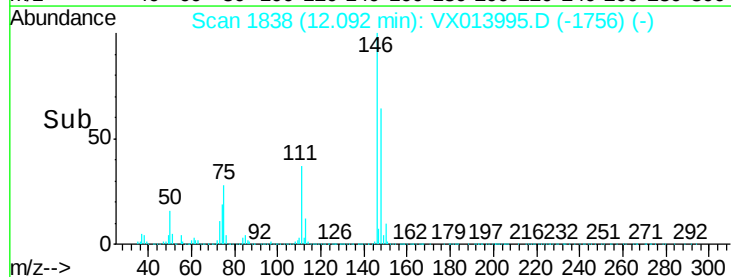
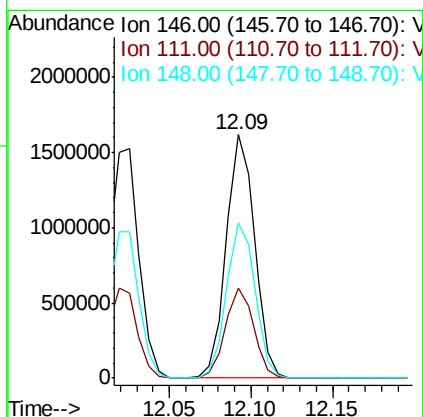
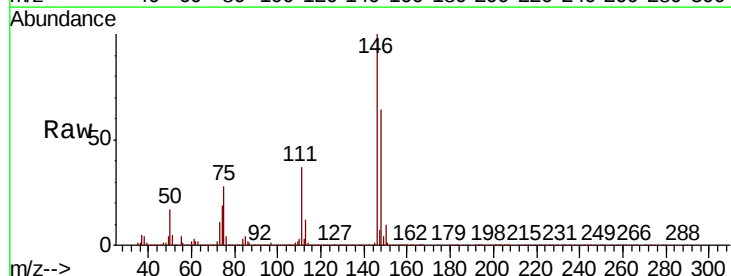
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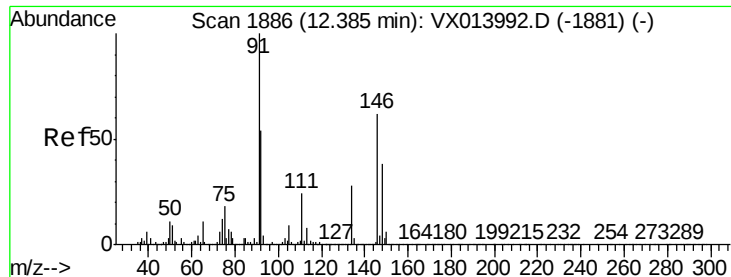
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#84
1,4-Dichlorobenzene
Concen: 155.156 ug/l
RT: 12.09 min Scan# 1838
Delta R.T. -0.00 min
Lab File: VX013995.D
Acq: 13 Dec 2019 00:30

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.4	55.4
148	64.3	32.0	96.0





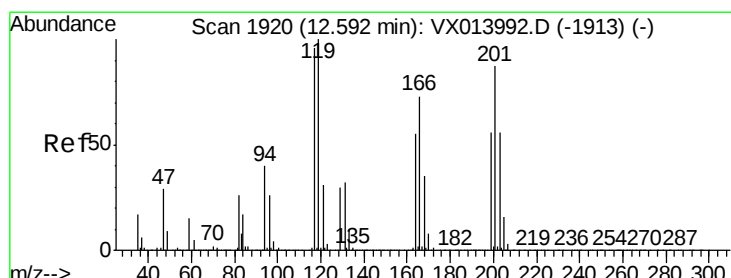
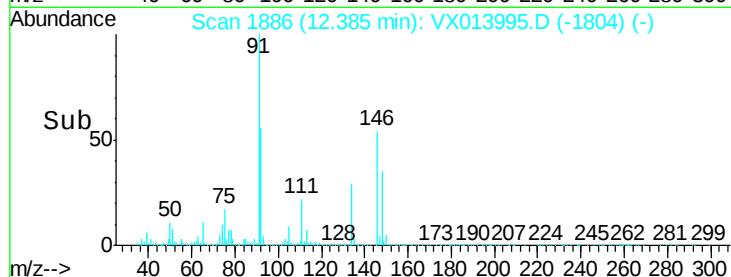
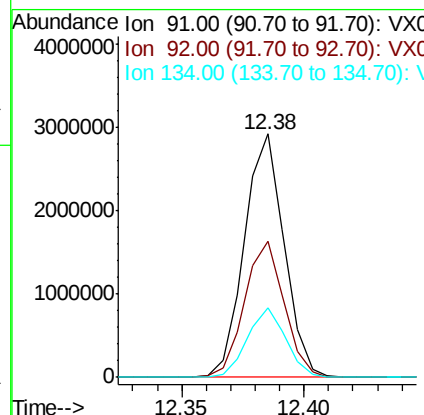
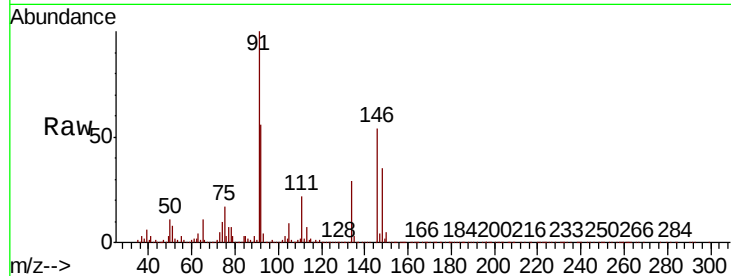
#85
n-Butylbenzene
Concen: 157.743 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013995.D
Acq: 13 Dec 2019 00:30

Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.7	0.0	109.0
134	27.6	0.0	54.0

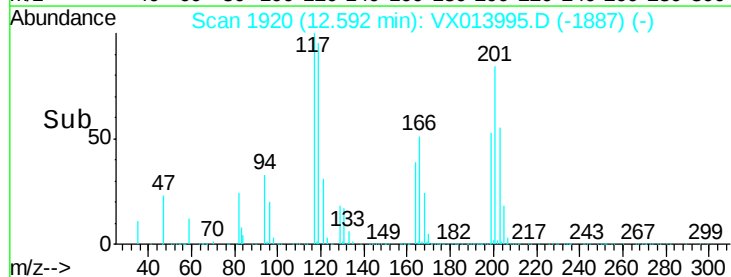
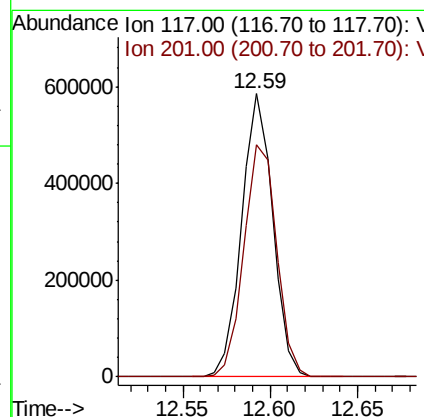
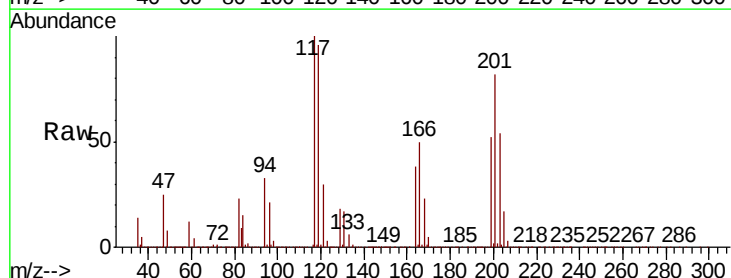
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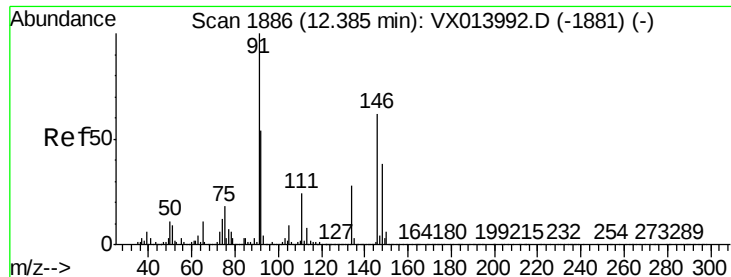
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#86
Hexachloroethane
Concen: 162.912 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013995.D
Acq: 13 Dec 2019 00:30

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.8	44.8	134.3





#87

1,2-Dichlorobenzene

Concen: 155.052 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013995.D

Acq: 13 Dec 2019 00:30

Instrument :

MSVOA_X

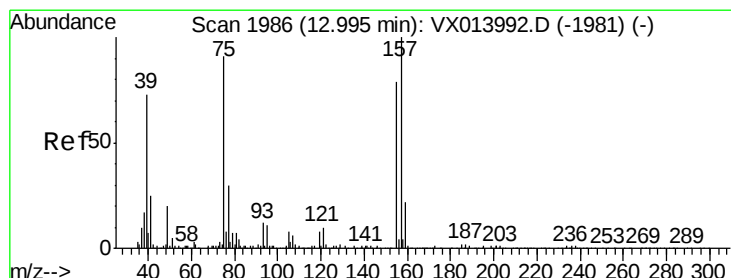
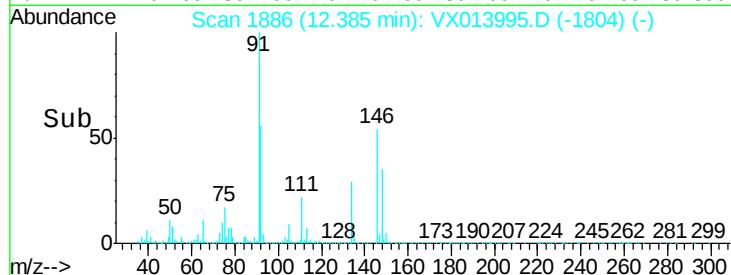
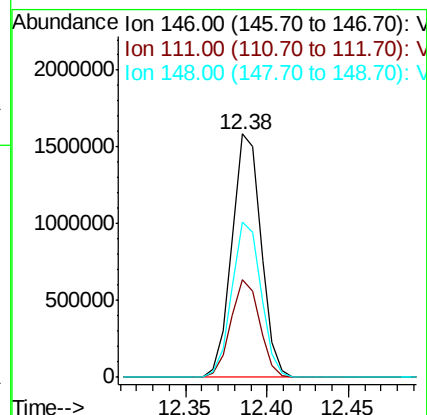
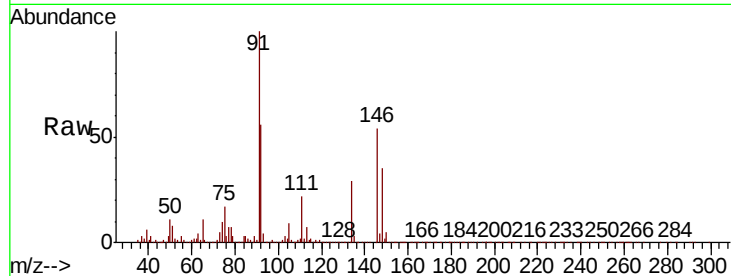
ClientSampleId :

VSTDIC150

Tot Ion:	146	Resp:	1971897
Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.1	60.2
148	63.7	32.0	96.2

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#88

1,2-Dibromo-3-Chloropropane

Concen: 139.544 ug/l

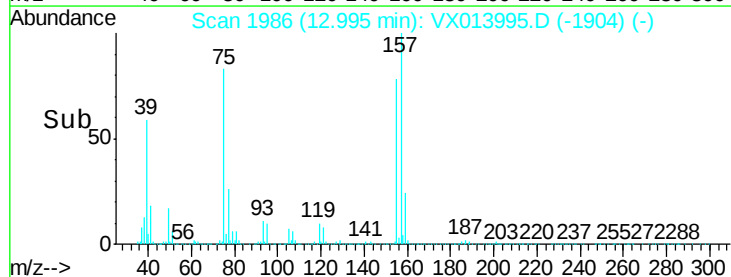
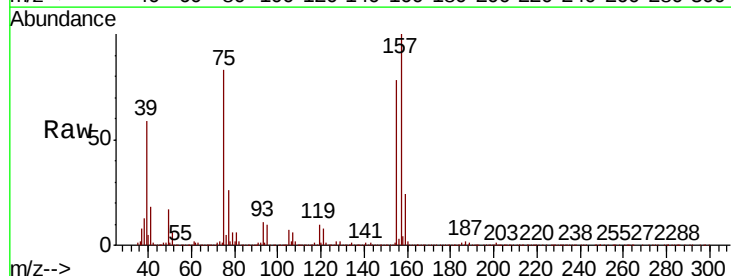
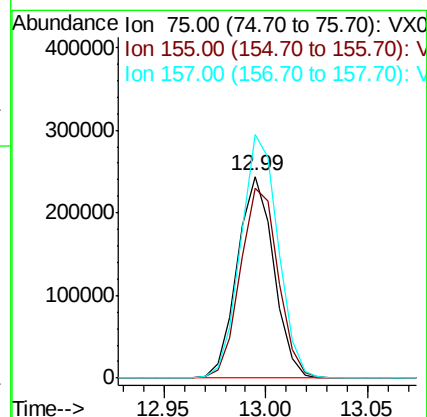
RT: 12.99 min Scan# 1886

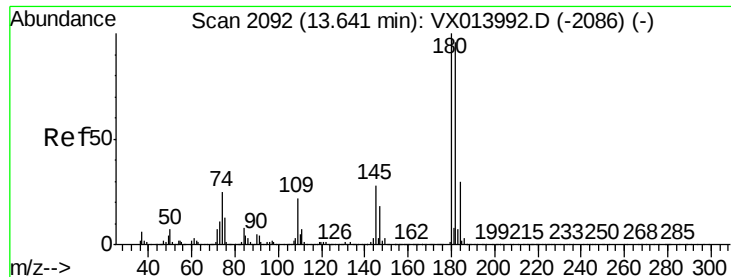
Delta R.T. -0.00 min

Lab File: VX013995.D

Acq: 13 Dec 2019 00:30

Tgt Ion:	75	Resp:	301720
Ion	Ratio	Lower	Upper
75	100		
155	98.1	73.8	110.6
157	123.4	95.0	142.4





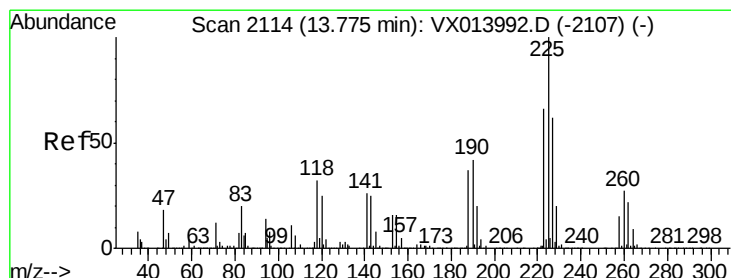
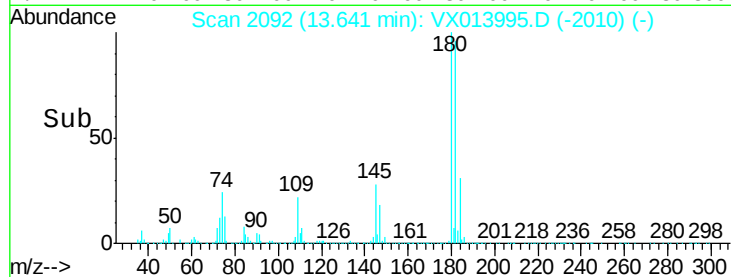
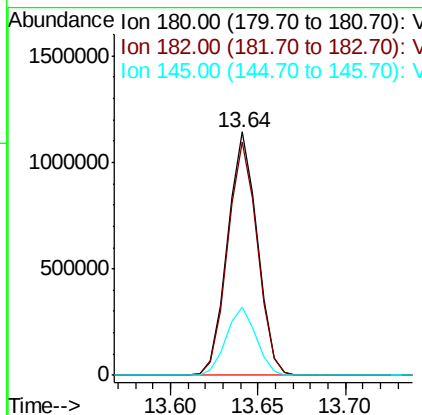
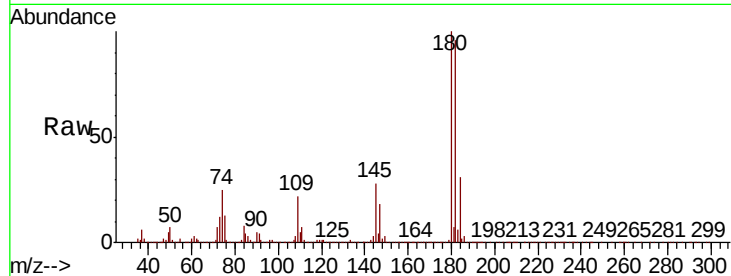
#89
 1,2,4-Trichlorobenzene
 Concen: 156.093 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013995.D
 Acq: 13 Dec 2019 00:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.4	114.6
145	28.1	21.9	32.9

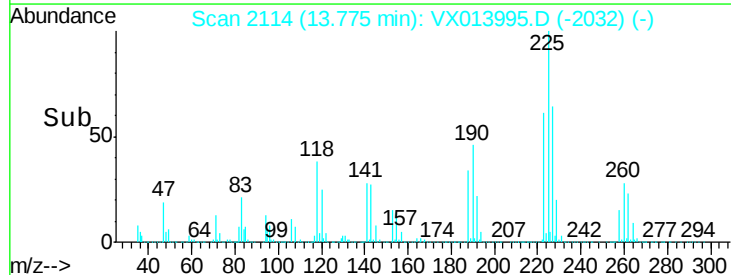
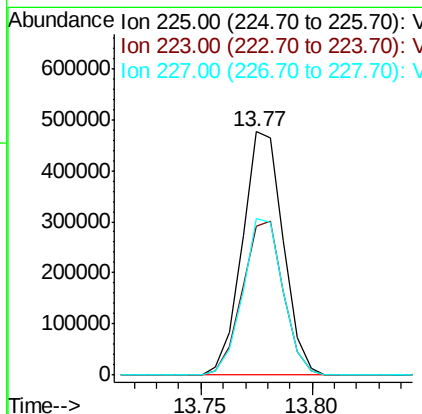
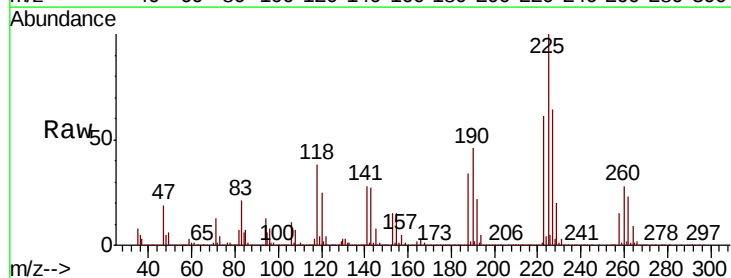
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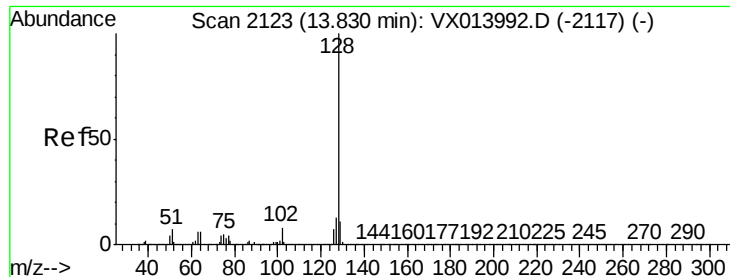
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#90
 Hexachlorobutadiene
 Concen: 146.317 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX013995.D
 Acq: 13 Dec 2019 00:30

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	0.0	127.4
227	63.3	0.0	122.8





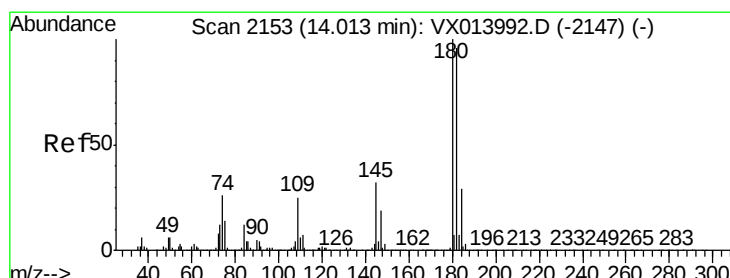
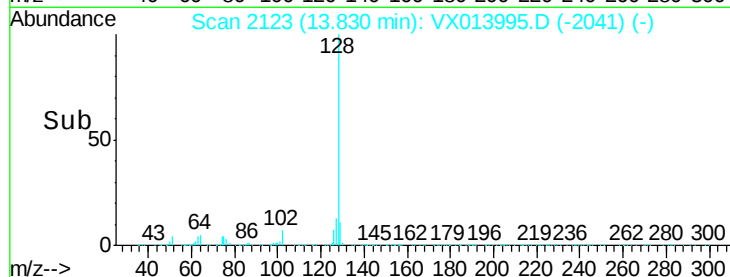
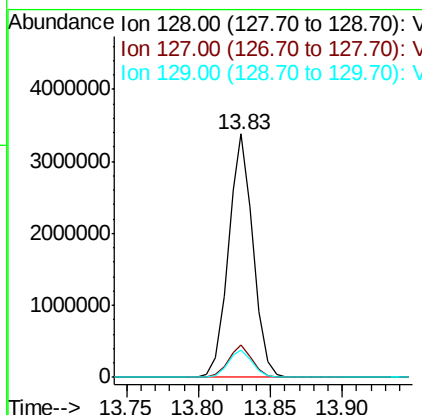
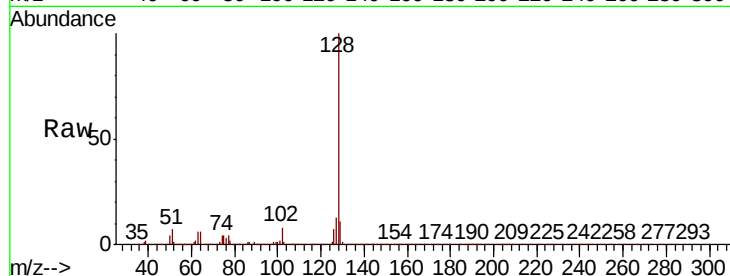
#91
Naphthalene
Concen: 148.632 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013995.D
Acq: 13 Dec 2019 00:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.1	8.9	13.3

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#92
1,2,3-Trichlorobenzene
Concen: 154.920 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX013995.D
Acq: 13 Dec 2019 00:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	0.0	192.8
145	29.7	0.0	60.0

