

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010920\
 Data File : VX014490.D
 Acq On : 09 Jan 2020 11:43
 Operator : JC/SP
 Sample : VX0109WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0109WBSD01

Manual Integrations
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 1/10/2020 8:34:49 AM

Quant Time: Jan 09 15:15:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X121219W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 13 01:35:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	77244	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	428530	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	390123	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	163918	29.63	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.77%
60) 4-Bromofluorobenzene	11.13	95	186852	29.66	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.87%
63) Toluene-d8	8.71	98	525339	30.13	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.43%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	72953	18.697	ug/l 100
3) Chloromethane	1.32	50	99832	18.153	ug/l 97
4) Vinyl Chloride	1.40	62	106268	18.850	ug/l 100
5) Bromomethane	1.64	94	65856	15.980	ug/l 98
6) Chloroethane	1.72	64	70521	20.251	ug/l 97
7) Trichlorofluoromethane	1.92	101	141413	20.158	ug/l 99
8) Diethyl Ether	2.18	74	65623	20.351	ug/l 93
9) 1,1,2-Trichlorotrifluoroet	2.38	101	87561	20.928	ug/l 98
10) 1,1-Dichloroethene	2.37	96	82954	19.178	ug/l 98
11) Methyl Iodide	2.50	142	106075	19.050	ug/l 100
12) Methyl Acetate	2.76	43	135349	20.213	ug/l 98
13) Acrolein	2.28	56	73951	91.053	ug/l 98
14) Acrylonitrile	3.12	53	262645	100.332	ug/l 99
15) Acetone	2.43	58	86994	113.126	ug/l 84
16) Carbon Disulfide	2.56	76	220940	18.855	ug/l 98
17) Allyl chloride	2.72	41	153285	19.721	ug/l 96
18) Methylene Chloride	2.85	84	97580	18.411	ug/l 96
19) trans-1,2-Dichloroethene	3.16	96	90819	19.174	ug/l 95
20) Diisopropyl ether	3.84	45	315088	19.756	ug/l 92
21) 1,1-Dichloroethane	3.69	63	168219	19.434	ug/l 99
22) cis-1,2-Dichloroethene	4.58	96	108430	19.747	ug/l 100
23) tert-Butyl Alcohol	3.02	59	108439	105.613	ug/l 100
24) Methyl tert-Butyl Ether	3.18	73	290906	19.909	ug/l 100
25) Chloroform	5.19	83	162802	19.728	ug/l 98
26) Cyclohexane	5.57	56	152409	19.746	ug/l 100
29) 1,1-Dichloropropene	5.79	75	123205	19.904	ug/l 99
30) 2-Butanone	4.65	43	389619	106.788	ug/l 99
31) 2,2-Dichloropropane	4.57	77	132491	23.139	ug/l 97
32) 1,1,1-Trichloroethane	5.48	97	135195	19.746	ug/l 99
33) Carbon Tetrachloride	5.77	117	117321	20.158	ug/l 93
34) Benzene	6.13	78	387092	20.055	ug/l 98
35) Methacrylonitrile	5.02	41	81024	20.648	ug/l 96
36) 1,2-Dichloroethane	6.18	62	133652	19.934	ug/l 100
37) Trichloroethene	7.20	130	107550	20.478	ug/l 98
38) Methylcyclohexane	7.45	83	157446	21.324	ug/l 98
39) 1,2-Dichloropropane	7.51	63	98873	19.723	ug/l 92
40) Dibromomethane	7.65	93	65096	20.327	ug/l 98

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 Sample : VX0109WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0109WBSD01

Manual Integrations
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Quant Time: Jan 09 15:15:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X121219W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 13 01:35:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	124727	20.115	ug/l	99
42) Vinyl Acetate	3.80	43	1279756	99.349	ug/l	100
43) Ethyl Acetate	4.81	43	143867	20.550	ug/l	99
44) Isopropyl Acetate	6.43	43	233945	19.952	ug/l	99
45) 1,4-Dioxane	7.73	88	47721	434.600	ug/l	98
46) Methyl methacrylate	7.76	41	112471	19.747	ug/l	100
47) n-amyl Acetate	10.89	43	195876	18.787	ug/l	99
48) t-1,3-Dichloropropene	9.03	75	138194	20.419	ug/l	98
49) cis-1,3-Dichloropropene	8.43	75	156792	20.600	ug/l	97
50) 1,1,2-Trichloroethane	9.21	97	100254	20.285	ug/l	98
51) Ethyl methacrylate	9.17	69	155322	19.758	ug/l	96
52) 1,3-Dichloropropane	9.36	76	169375	20.171	ug/l	99
53) Dibromochloromethane	9.57	129	99561	20.146	ug/l	99
54) 1,2-Dibromoethane	9.67	107	102421	20.128	ug/l	100
55) 2-Chloroethyl vinyl ether	8.30	63	341453	98.531	ug/l	100
56) Bromoform	10.85	173	75472	19.583	ug/l	98
58) 4-Methyl-2-Pentanone	8.63	43	731737	100.246	ug/l	100
59) 2-Hexanone	9.48	43	572763	103.397	ug/l	99
61) Tetrachloroethene	9.33	164	123742	23.977	ug/l	97
62) Toluene	8.78	91	411560	19.835	ug/l	98
64) Chlorobenzene	10.14	112	256889	19.762	ug/l	96
65) 1,1,1,2-Tetrachloroethane	10.21	131	94149	19.560	ug/l	98
66) Ethyl Benzene	10.25	91	457286	20.139	ug/l	99
67) m/p-Xylenes	10.36	106	352625	40.624	ug/l	98
68) o-Xylene	10.70	106	171145	19.903	ug/l	98
69) Styrene	10.71	104	285905	19.552	ug/l	99
70) Isopropylbenzene	11.01	105	448194	20.170	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	143071	18.155	ug/l	97
72) 1,2,3-Trichloropropane	11.29	75	125093m	17.834	ug/l	
73) Bromobenzene	11.25	156	118426	19.964	ug/l	97
74) n-propylbenzene	11.35	91	513313	20.366	ug/l	98
75) 2-Chlorotoluene	11.42	91	305847	20.083	ug/l	98
76) 1,3,5-Trimethylbenzene	11.50	105	375965	19.945	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	46873	20.236	ug/l	93
78) 4-Chlorotoluene	11.51	91	345897	19.877	ug/l	98
79) tert-butylbenzene	11.76	119	346811	19.087	ug/l	97
80) 1,2,4-Trimethylbenzene	11.80	105	373174	19.798	ug/l	99
81) sec-Butylbenzene	11.94	105	431458	19.964	ug/l	98
82) p-Isopropyltoluene	12.06	119	396315	20.321	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	207801	20.098	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	208267	20.229	ug/l	100
85) n-Butylbenzene	12.39	91	339847	20.725	ug/l	100
86) Hexachloroethane	12.59	117	66790	18.878	ug/l	99
87) 1,2-Dichlorobenzene	12.39	146	210939	20.086	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.99	75	30064	19.141	ug/l	94
89) 1,2,4-Trichlorobenzene	13.64	180	141701	21.112	ug/l	99
90) Hexachlorobutadiene	13.78	225	67487	21.153	ug/l	99
91) Naphthalene	13.83	128	418933	20.766	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	142990	21.004	ug/l	99

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0109WBSD01

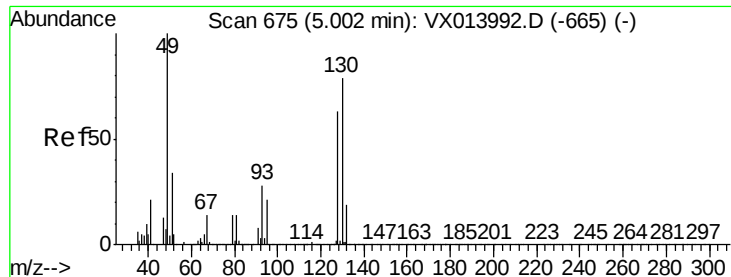
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Quant Time: Jan 09 15:15:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X121219W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Dec 13 01:35:34 2019
Response via : Initial Calibration

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



#1

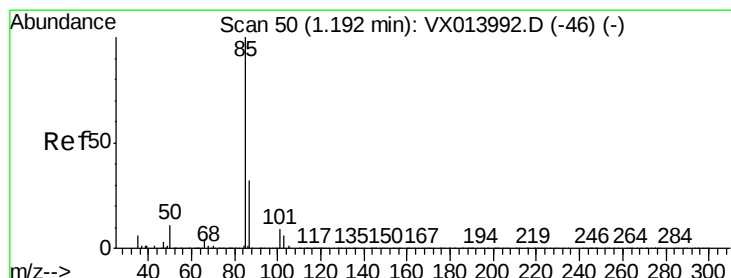
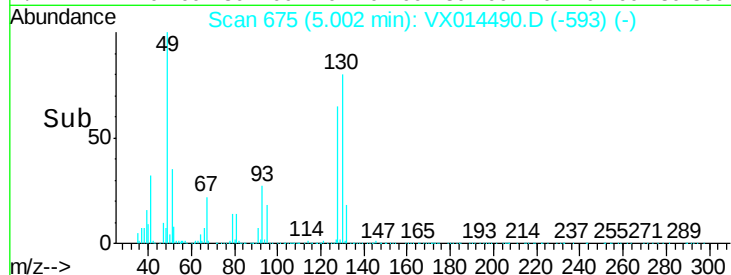
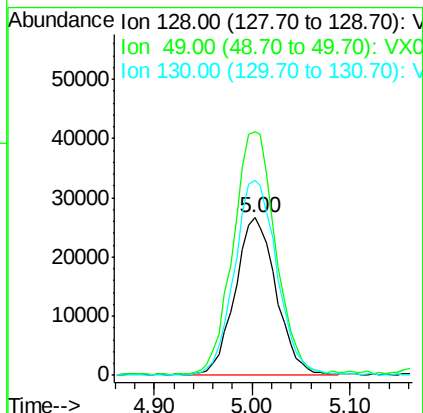
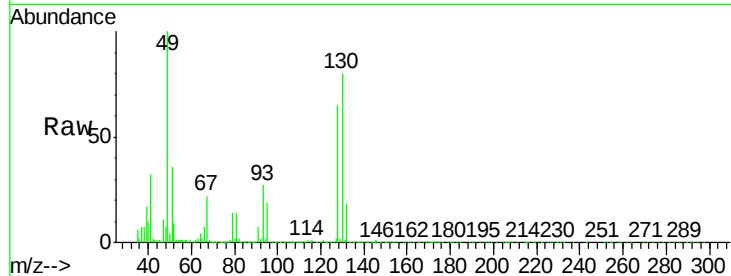
Bromochloromethane
 Concen: 30.000 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: VX014490.D
 Acq: 09 Jan 2020 11:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0109WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
49	159.9	0.0	405.0
130	128.9	0.0	321.5

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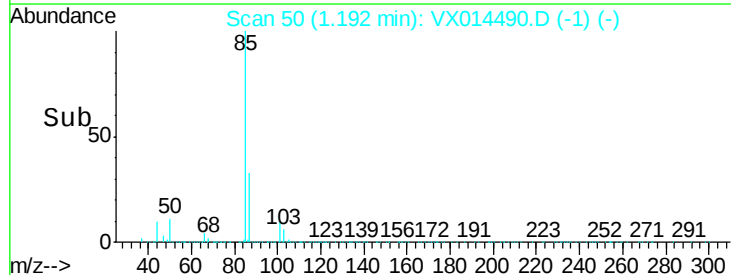
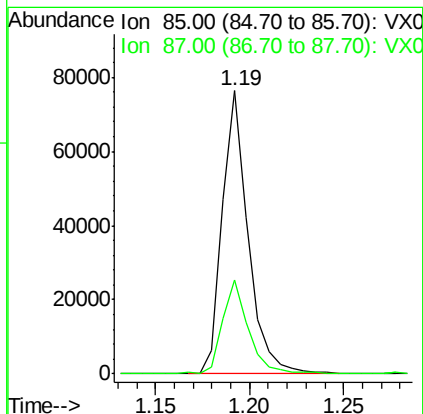
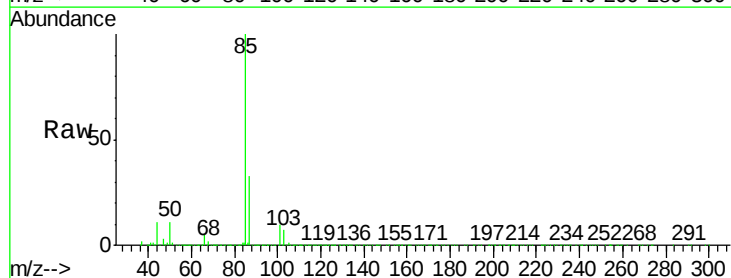
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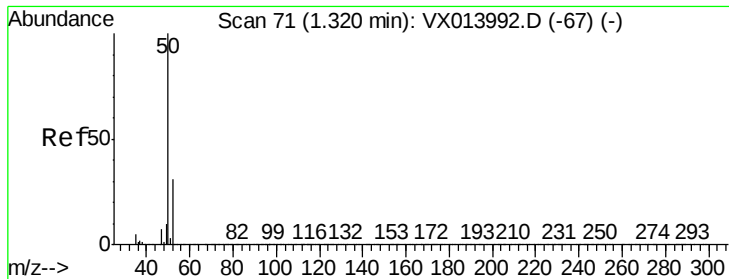


#2

Dichlorodifluoromethane
 Concen: 18.697 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.00 min
 Lab File: VX014490.D
 Acq: 09 Jan 2020 11:43

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.8	16.3	48.9





#3

Chloromethane

Concen: 18.153 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014490.D

Acq: 09 Jan 2020 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0109WBSD01

Tot Ion: 50 Resp: 99832

Ion Ratio Lower Upper

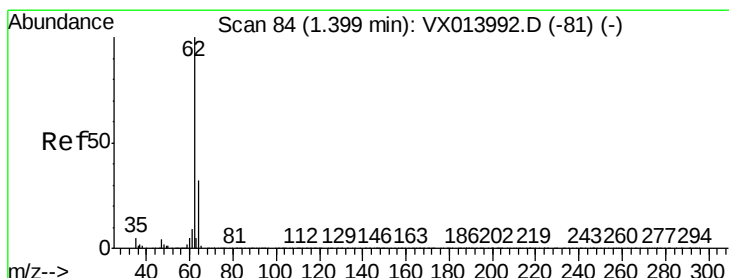
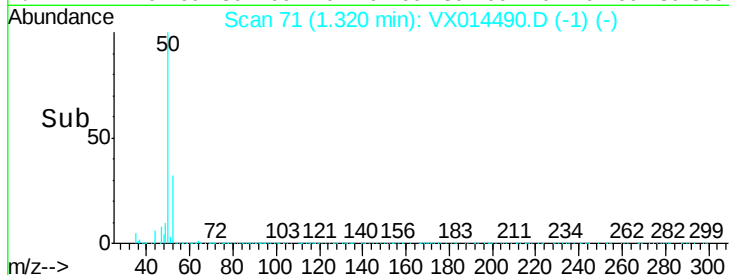
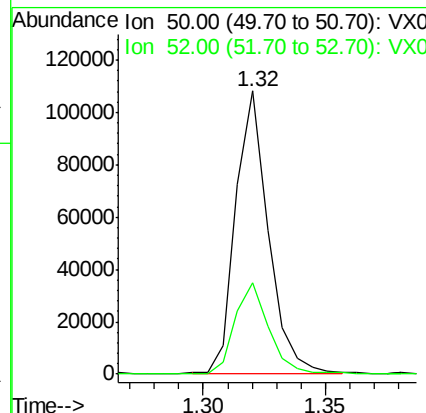
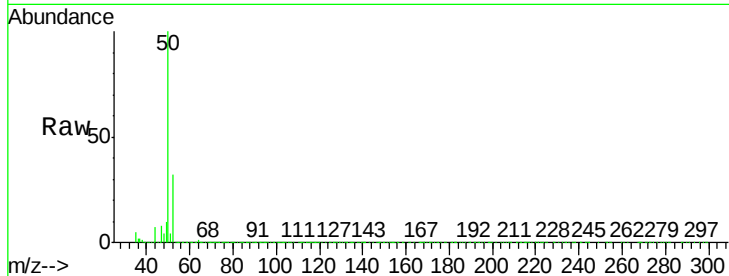
50 100

52 32.1 24.3 36.5

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#4

Vinyl Chloride

Concen: 18.850 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014490.D

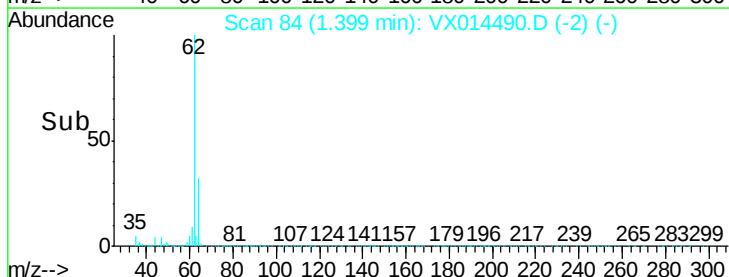
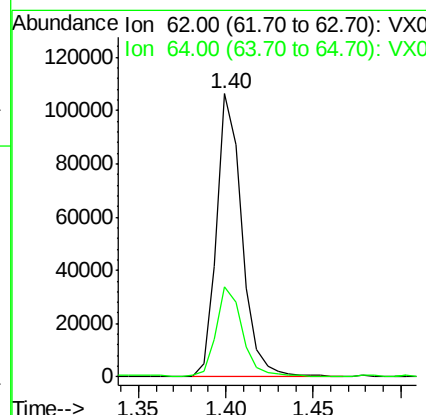
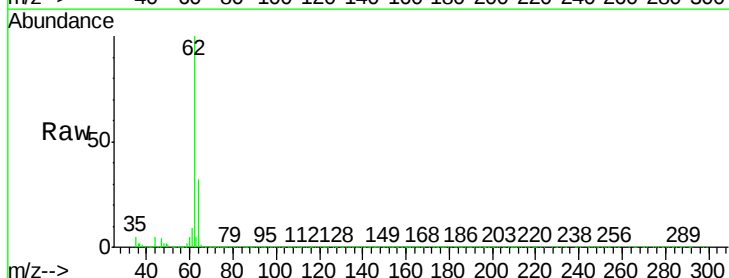
Acq: 09 Jan 2020 11:43

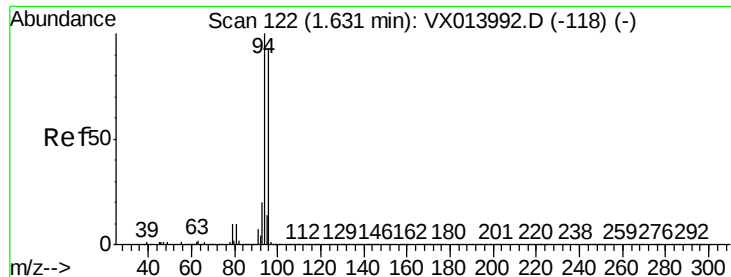
Tgt Ion: 62 Resp: 106268

Ion Ratio Lower Upper

62 100

64 31.6 25.2 37.8





#5

Bromomethane

Concen: 15.980 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX014490.D

Acq: 09 Jan 2020 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0109WBSD01

Tot Ion: 94 Resp: 65856

Ion Ratio Lower Upper

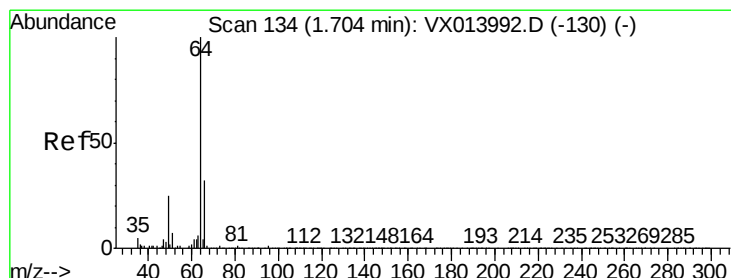
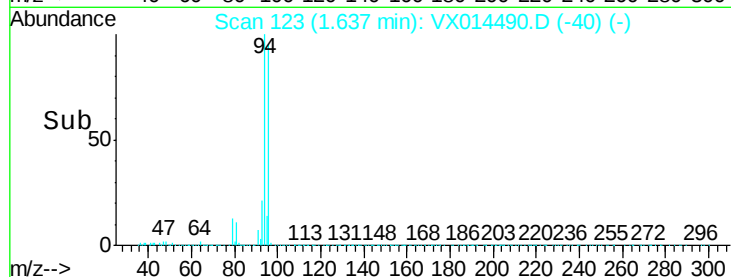
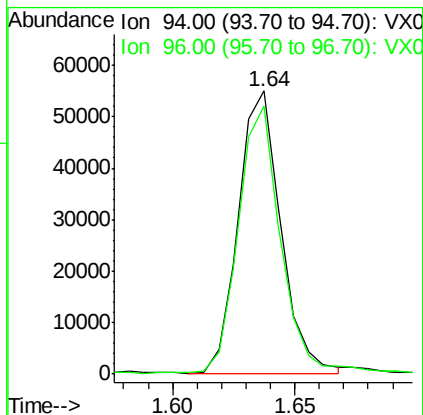
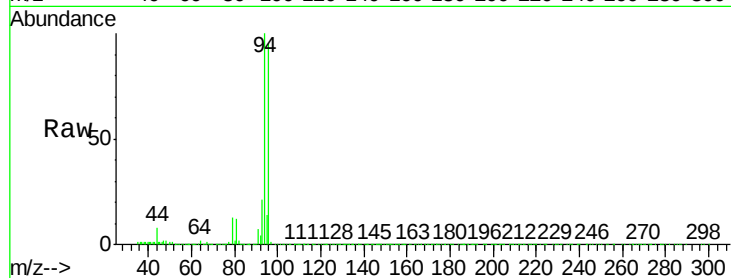
94 100

96 94.6 74.4 111.6

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#6

Chloroethane

Concen: 20.251 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.02 min

Lab File: VX014490.D

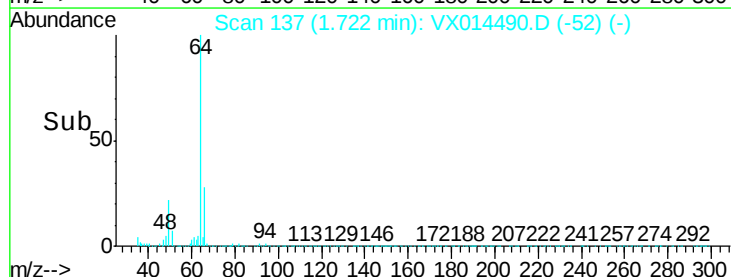
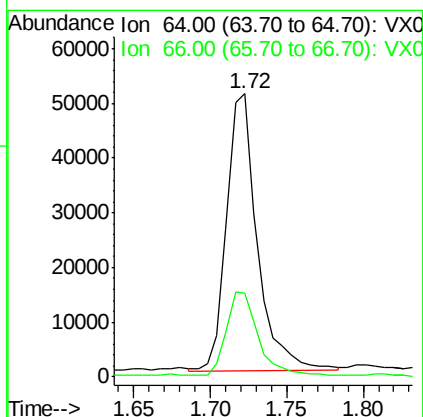
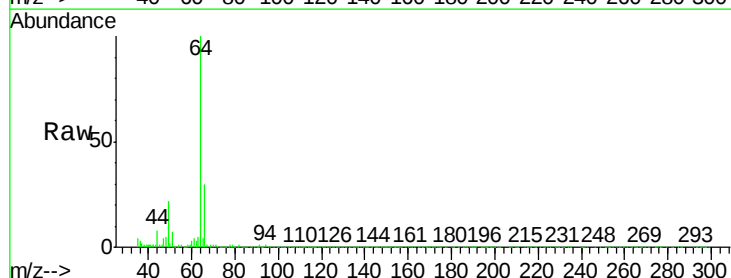
Acq: 09 Jan 2020 11:43

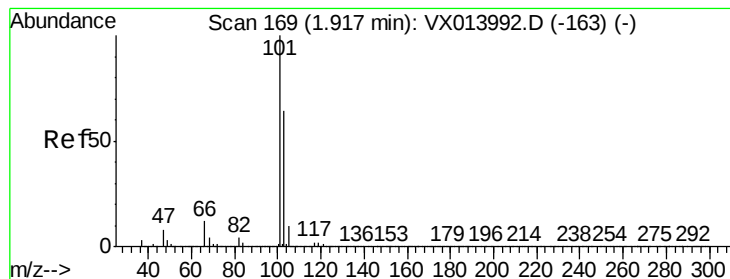
Tgt Ion: 64 Resp: 70521

Ion Ratio Lower Upper

64 100

66 30.1 25.2 37.8





#7

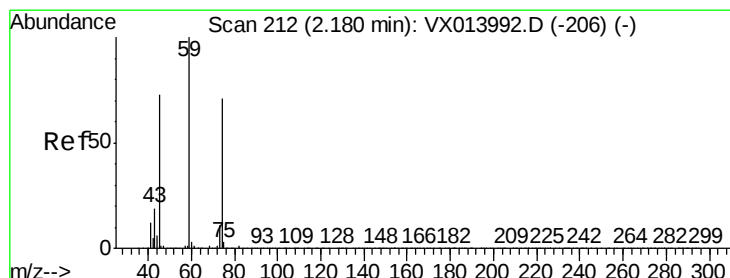
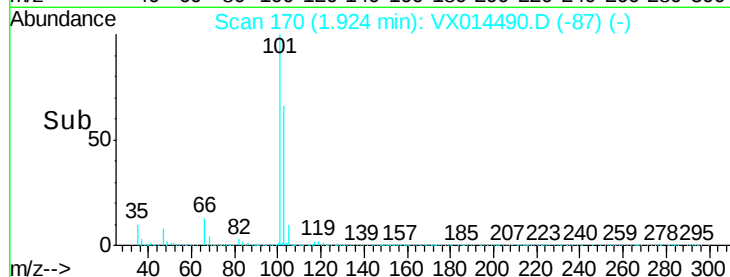
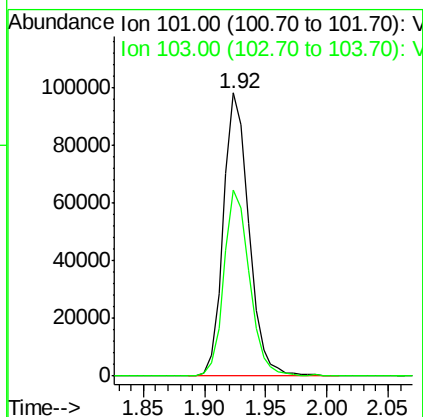
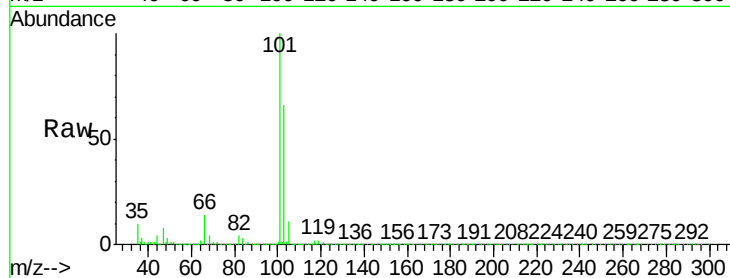
Trichlorofluoromethane
Concen: 20.158 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014490.D
Acq: 09 Jan 2020 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0109WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.6	51.6	77.4

Manual Integrations
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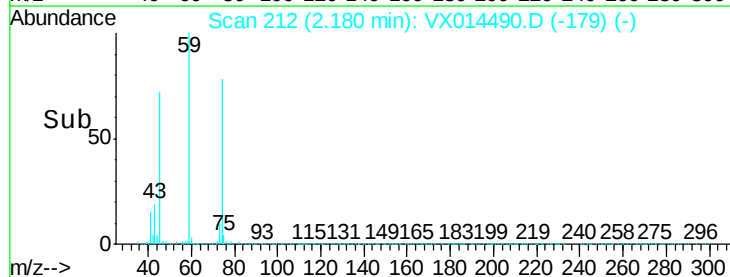
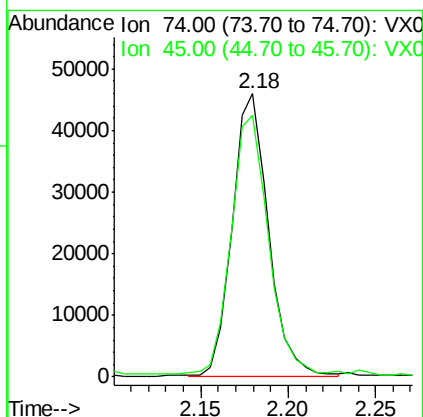
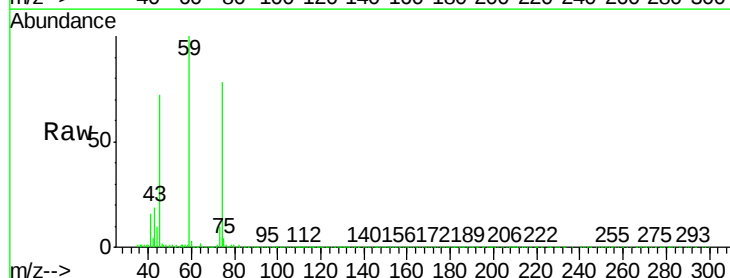
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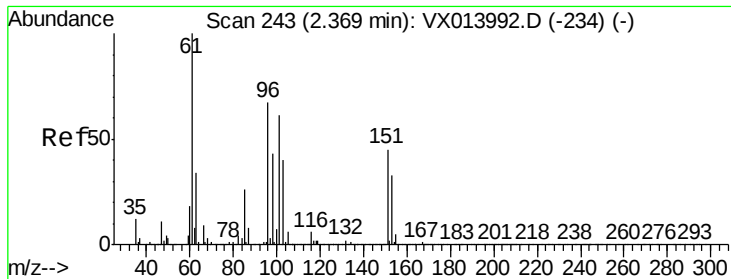


#8

Diethyl Ether
Concen: 20.351 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014490.D
Acq: 09 Jan 2020 11:43

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.0	20.6	185.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.928 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.01 min

Lab File: VX014490.D

Acq: 09 Jan 2020 11:43

Instrument :

MSVOA_X

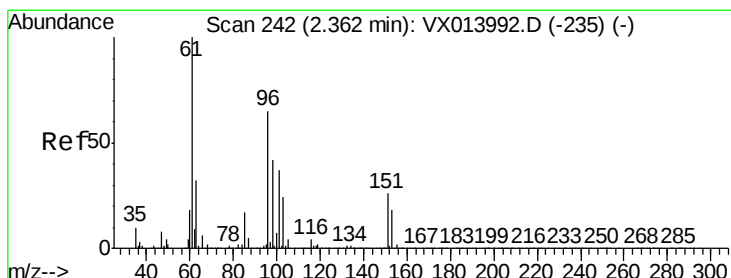
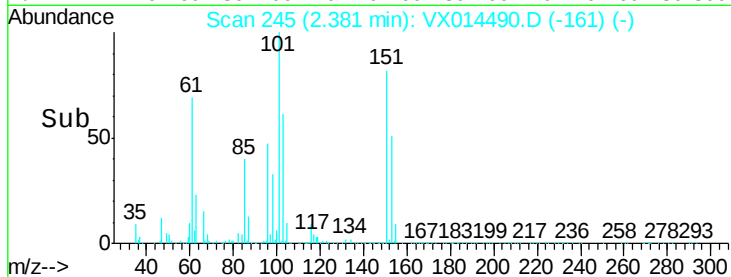
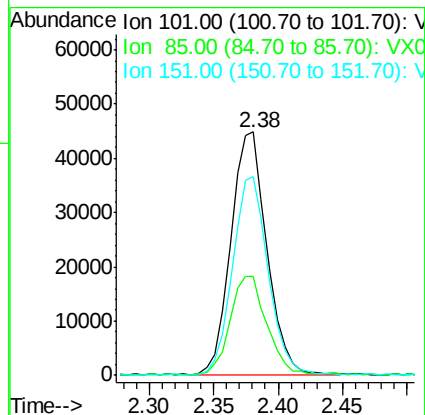
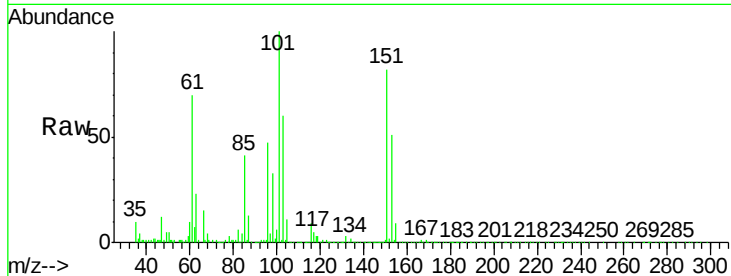
ClientSampleId :

VX0109WBSD01

Tot Ion:	101	Resp:	87561
Ion Ratio	Lower	Upper	
101	100		
85	40.7	0.0	85.6
151	80.6	0.0	159.4

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 19.178 ug/l

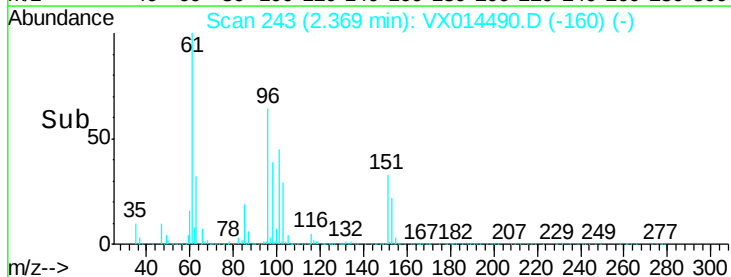
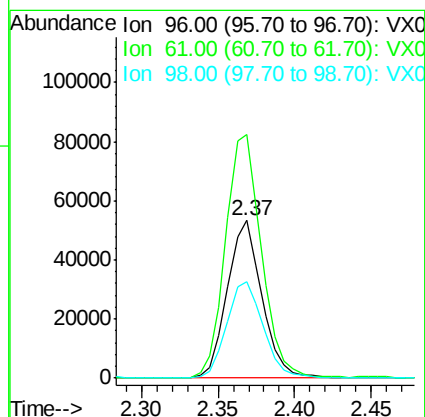
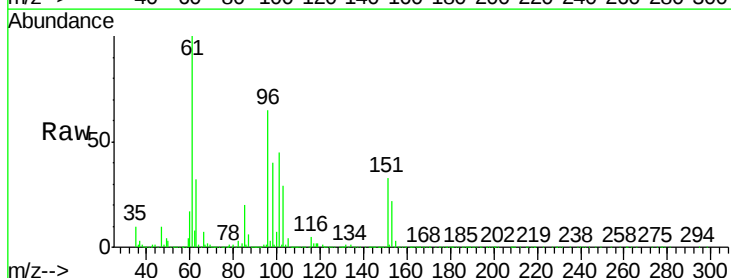
RT: 2.37 min Scan# 243

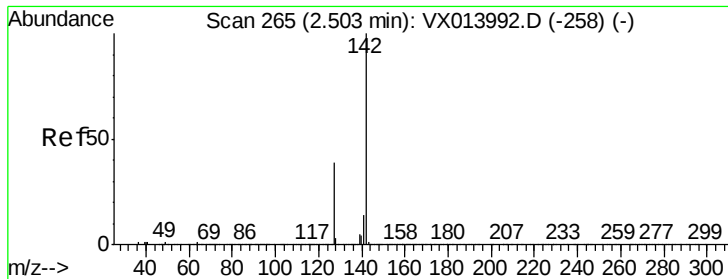
Delta R.T. 0.01 min

Lab File: VX014490.D

Acq: 09 Jan 2020 11:43

Tgt Ion:	96	Resp:	82954
Ion Ratio	Lower	Upper	
96	100		
61	154.7	123.0	184.6
98	61.1	51.4	77.0





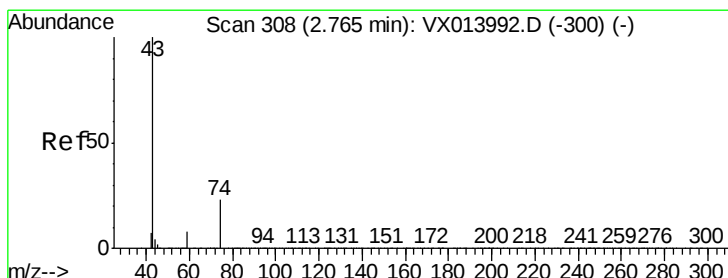
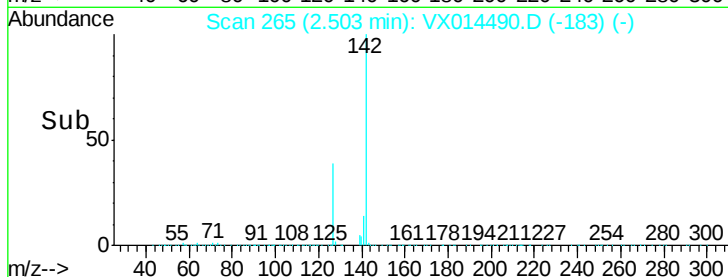
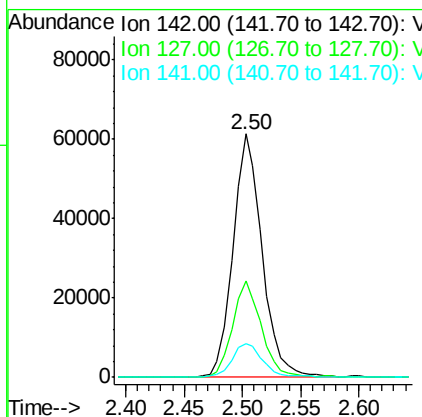
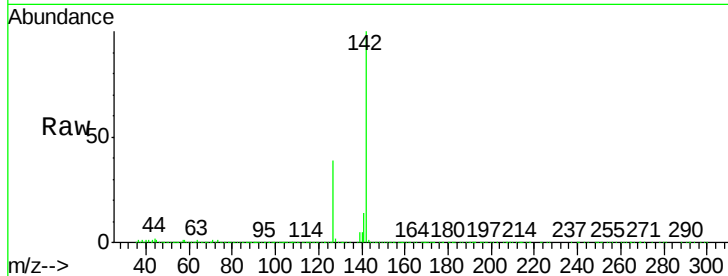
#11
Methvl Iodide
Concen: 19.050 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX014490.D
Acq: 09 Jan 2020 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0109WBSD01

Tot Ion	Ratio	Lower	Upper
142	100		
127	39.2	19.5	58.5
141	14.0	7.0	20.9

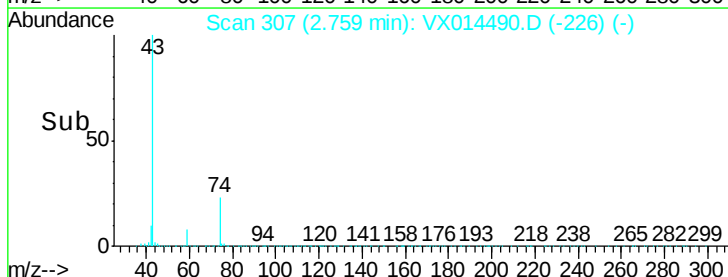
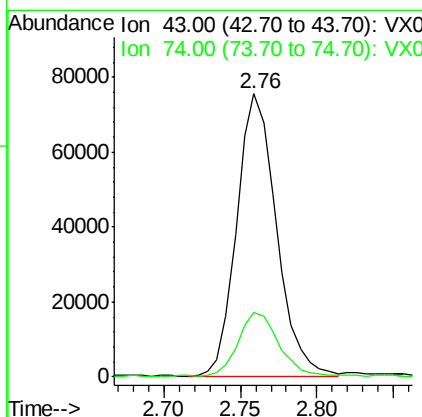
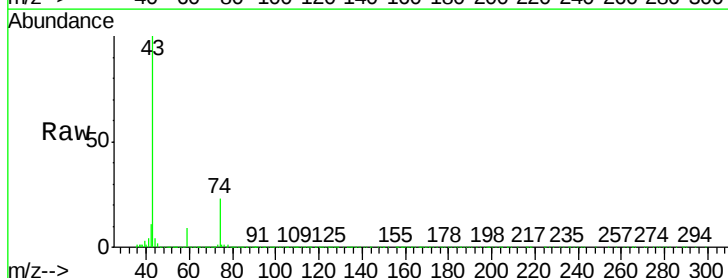
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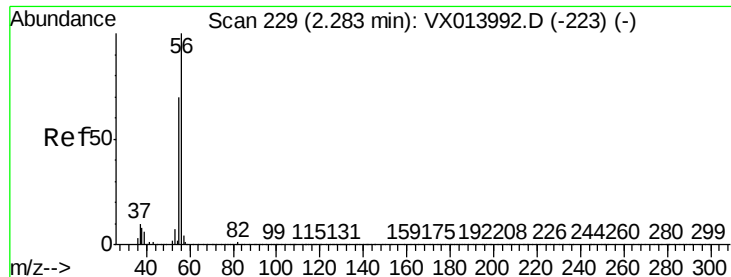
apatel
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#12
Methyl Acetate
Concen: 20.213 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014490.D
Acq: 09 Jan 2020 11:43

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.3	18.5	27.7





#13

Acrolein

Concen: 91.053 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014490.D

Acq: 09 Jan 2020 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0109WBSD01

Tot Ion: 56 Resp: 73951

Ion Ratio Lower Upper

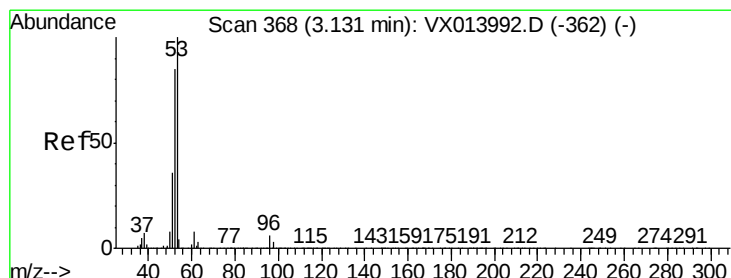
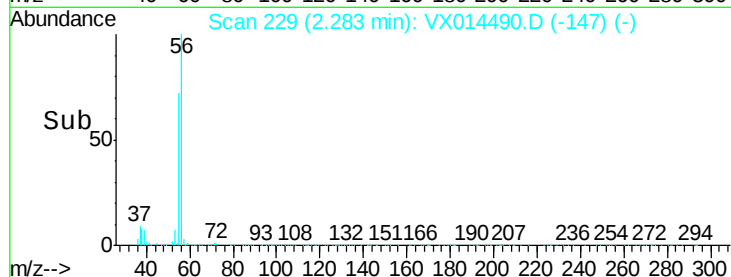
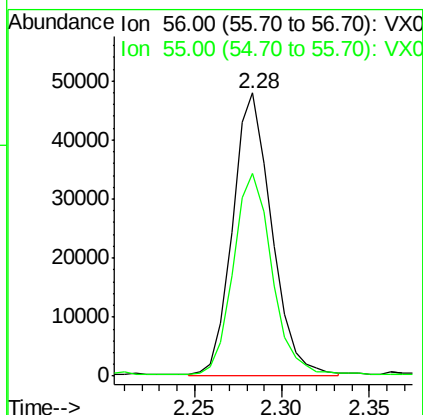
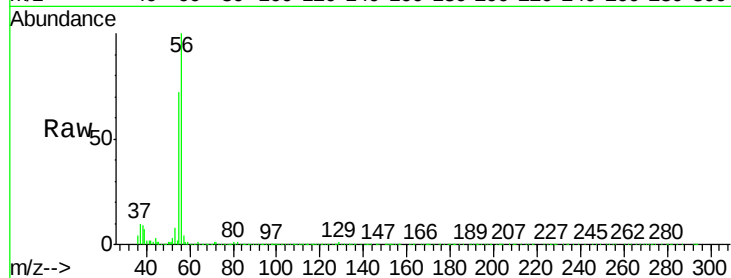
56 100

55 70.5 54.9 82.3

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#14

Acrylonitrile

Concen: 100.332 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014490.D

Acq: 09 Jan 2020 11:43

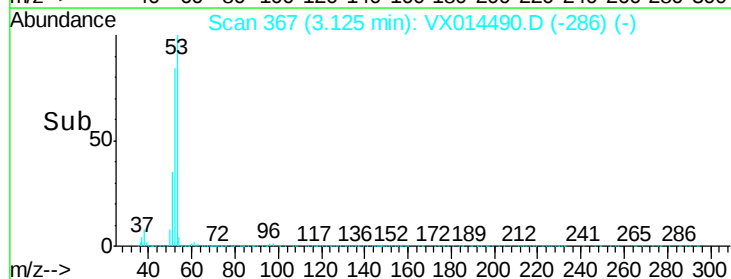
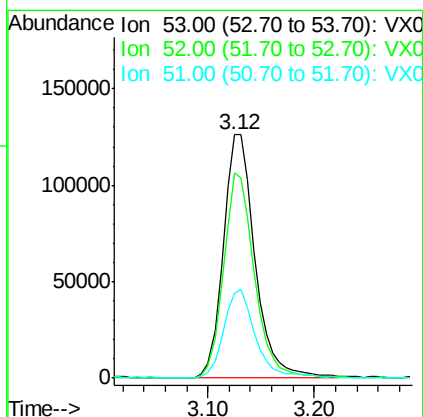
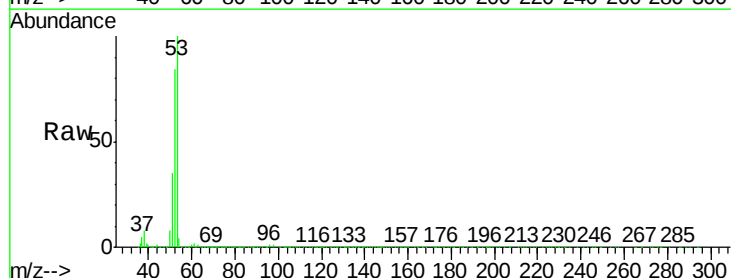
Tgt Ion: 53 Resp: 262645

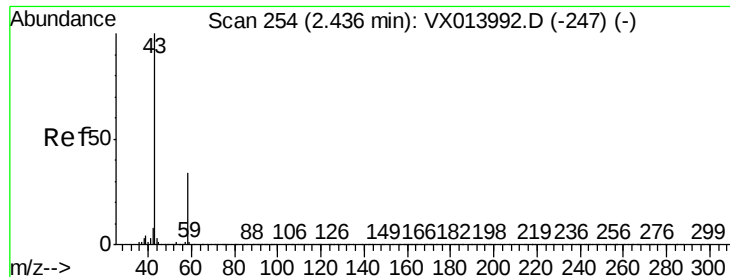
Ion Ratio Lower Upper

53 100

52 81.4 41.5 124.6

51 36.0 17.8 53.5





#15

Acetone

Concen: 113.126 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014490.D

Acq: 09 Jan 2020 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0109WBSD01

Tot Ion: 58 Resp: 86994

Ion Ratio Lower Upper

58 100

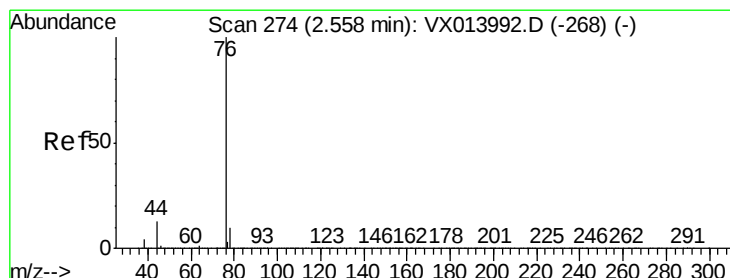
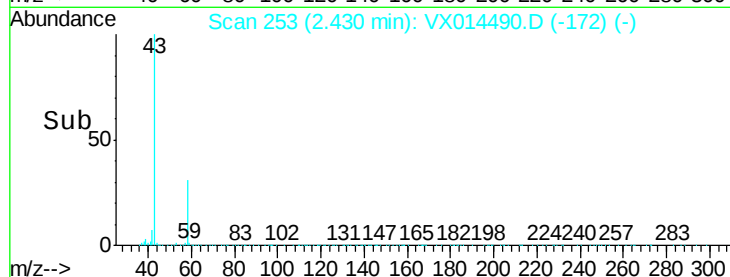
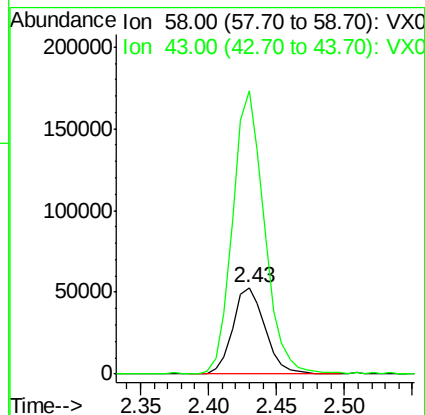
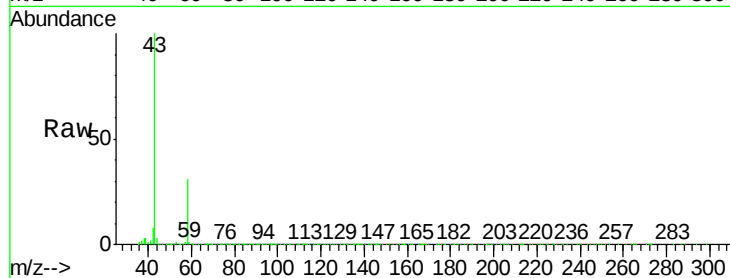
43 326.3 236.3 354.5

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#16

Carbon Disulfide

Concen: 18.855 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014490.D

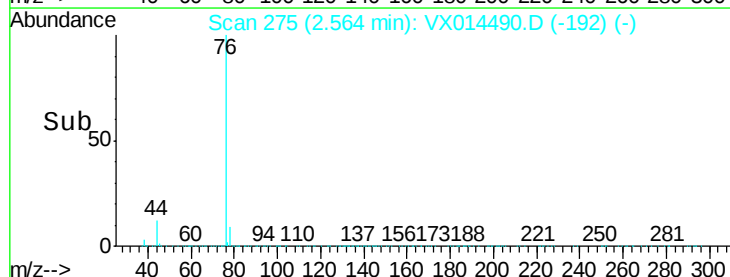
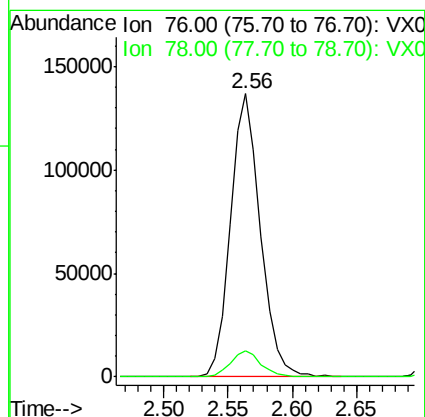
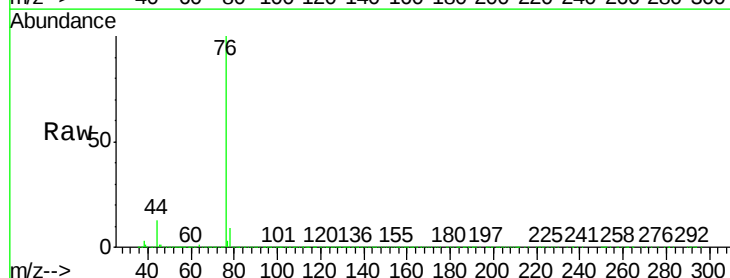
Acq: 09 Jan 2020 11:43

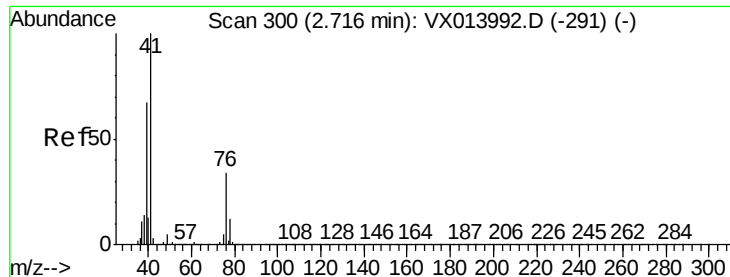
Tgt Ion: 76 Resp: 220940

Ion Ratio Lower Upper

76 100

78 9.1 7.8 11.8





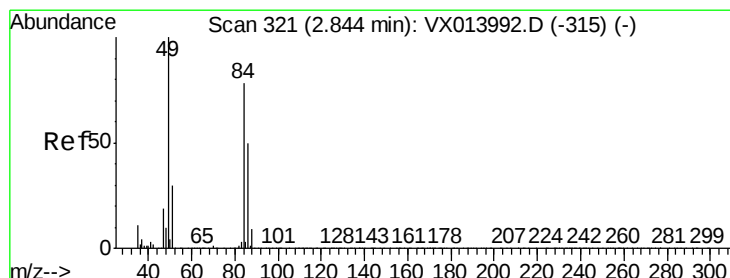
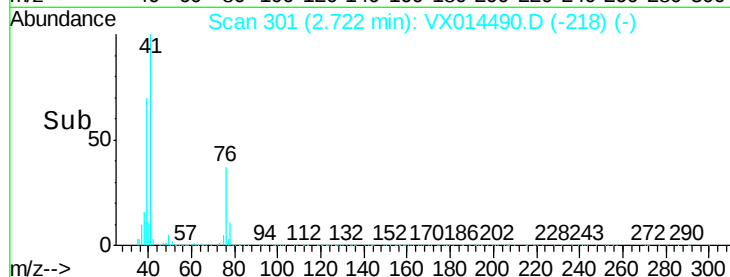
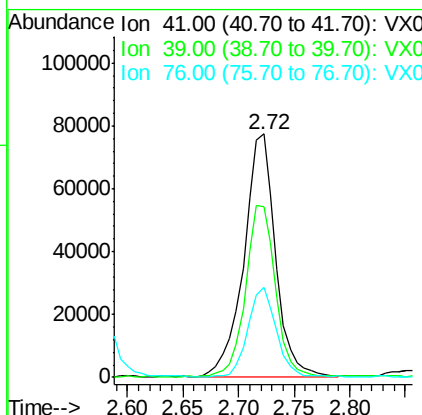
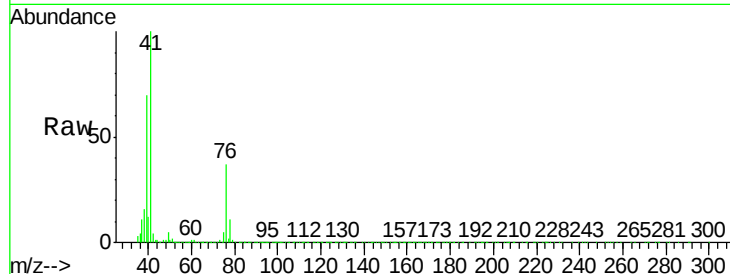
#17
Allvl chloride
Concen: 19.721 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.01 min
Lab File: VX014490.D
Acq: 09 Jan 2020 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0109WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
41	100	153285		
39	69.7		33.4	100.2
76	36.6		17.0	50.9

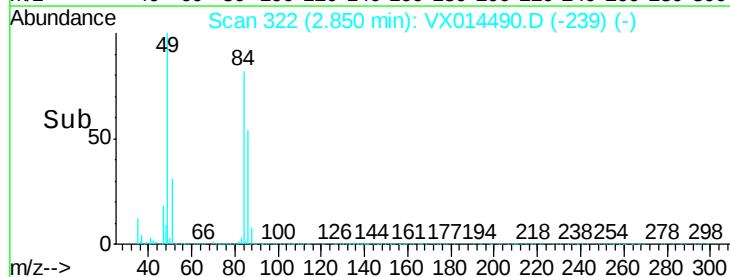
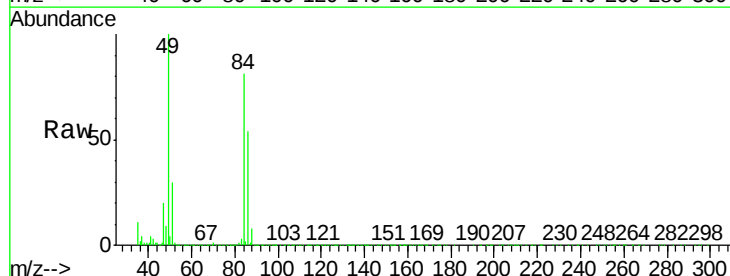
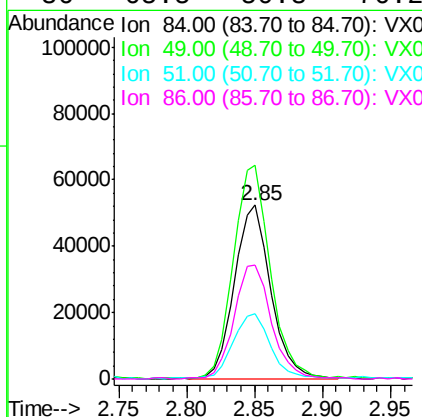
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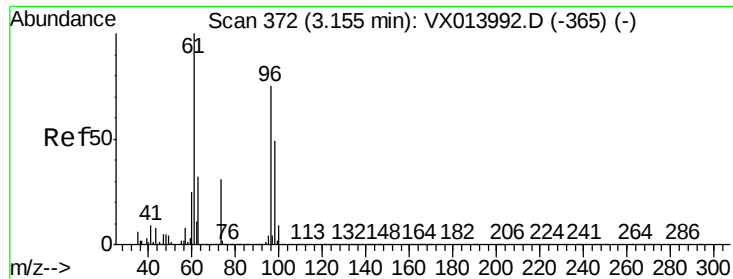
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#18
Methylene Chloride
Concen: 18.411 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX014490.D
Acq: 09 Jan 2020 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
84	100	97580		
49	122.8		102.2	153.2
51	36.7		31.4	47.0
86	65.5		50.8	76.2





#19

trans-1,2-Dichloroethene

Concen: 19.174 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014490.D

Acq: 09 Jan 2020 11:43

Instrument :

MSVOA_X

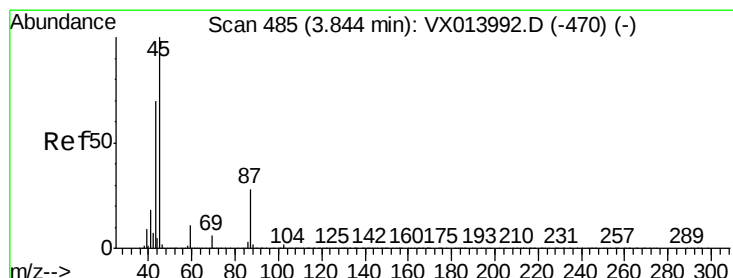
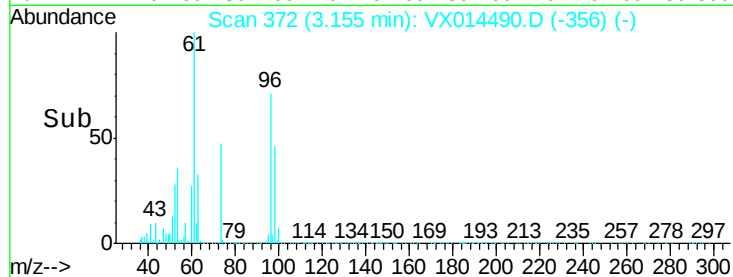
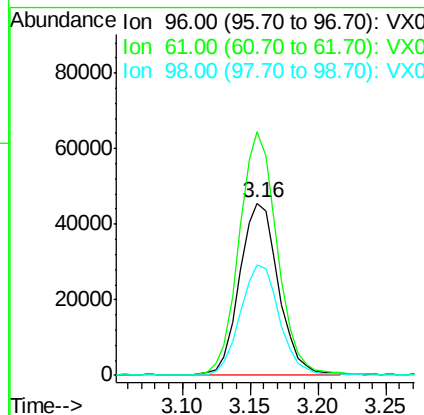
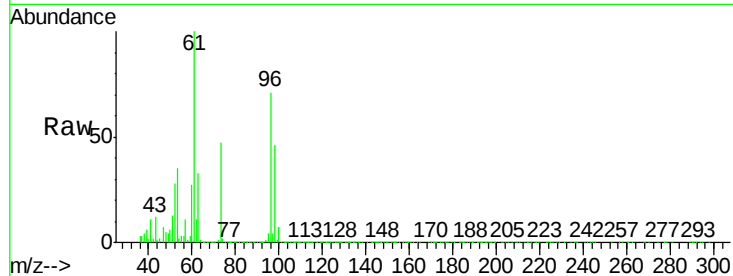
ClientSampleId :

VX0109WBSD01

Tot Ion:	96	Resp:	90819
Ion Ratio	Lower	Upper	
96	100		
61	142.1	106.6	159.8
98	64.6	51.6	77.4

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#20

Diisopropyl ether

Concen: 19.756 ug/l

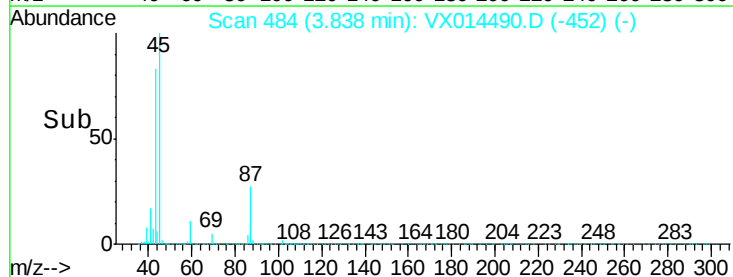
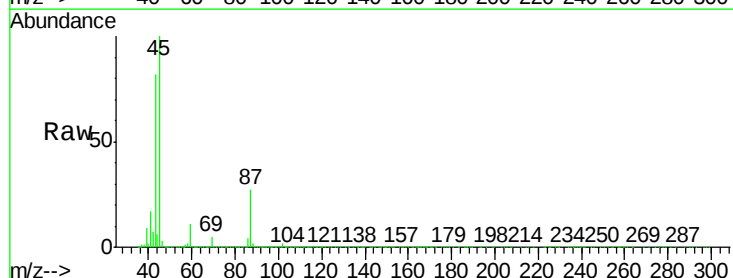
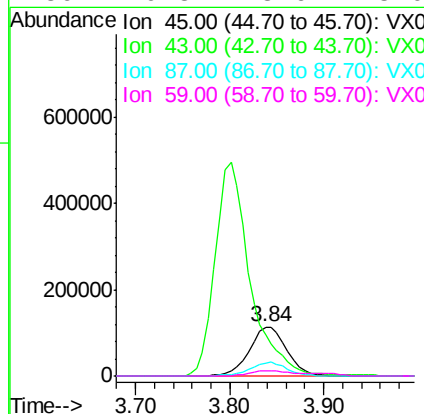
RT: 3.84 min Scan# 484

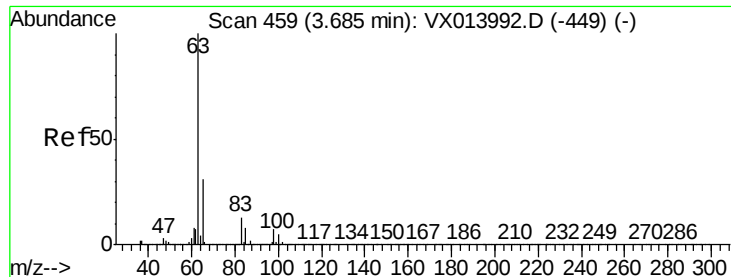
Delta R.T. -0.01 min

Lab File: VX014490.D

Acq: 09 Jan 2020 11:43

Tgt Ion:	45	Resp:	315088
Ion Ratio	Lower	Upper	
45	100		
43	80.2	55.9	83.9
87	26.9	22.2	33.2
59	10.8	8.6	13.0





#21

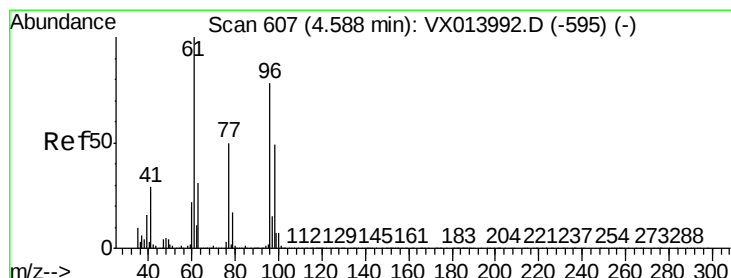
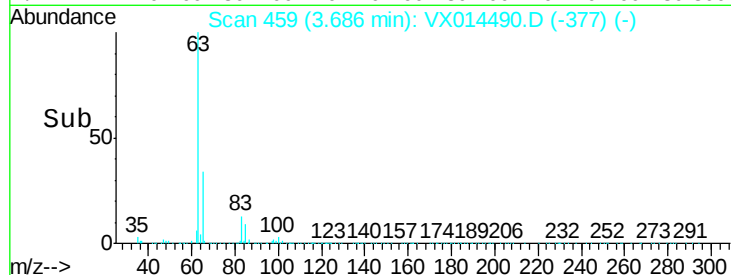
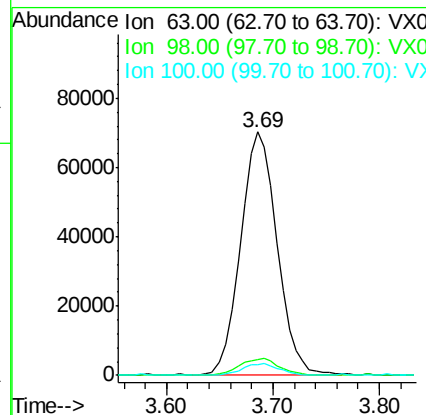
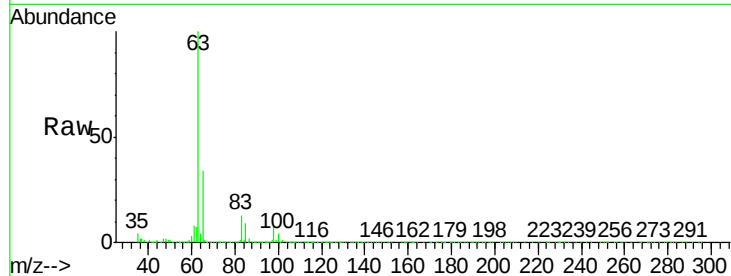
1,1-Dichloroethane
Concen: 19.434 ug/l
RT: 3.69 min Scan# 459
Delta R.T. 0.00 min
Lab File: VX014490.D
Acq: 09 Jan 2020 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0109WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
98	6.5	3.4	10.1
100	4.0	2.5	7.4

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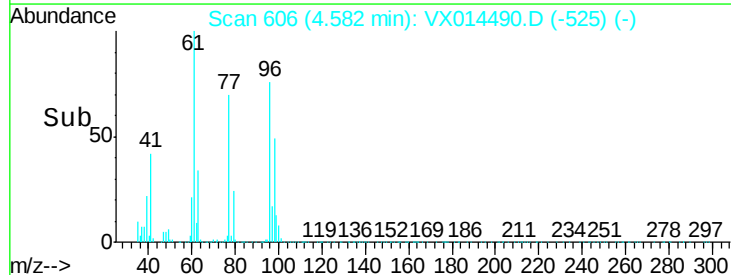
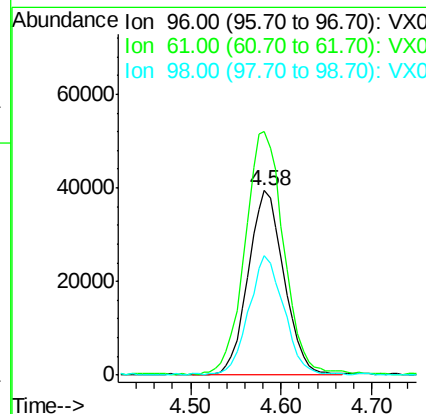
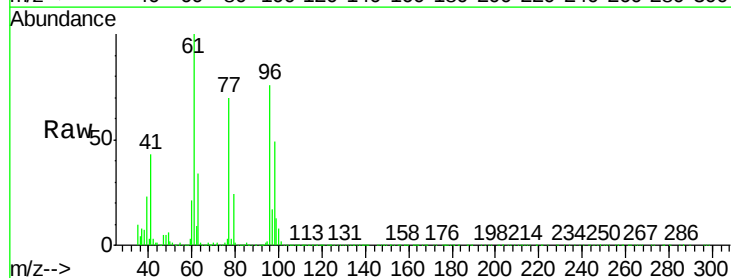
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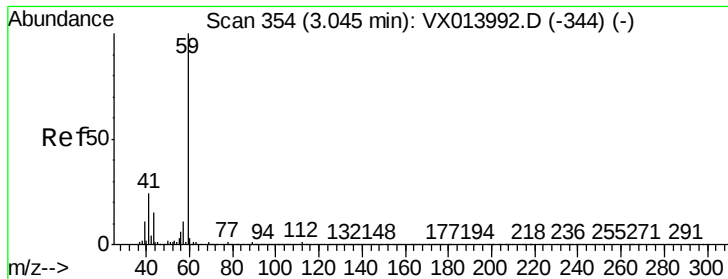


#22

cis-1,2-Dichloroethene
Concen: 19.747 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014490.D
Acq: 09 Jan 2020 11:43

Tgt Ion	Ratio	Lower	Upper
96	100		
61	140.3	112.4	168.6
98	62.7	50.3	75.5





#23

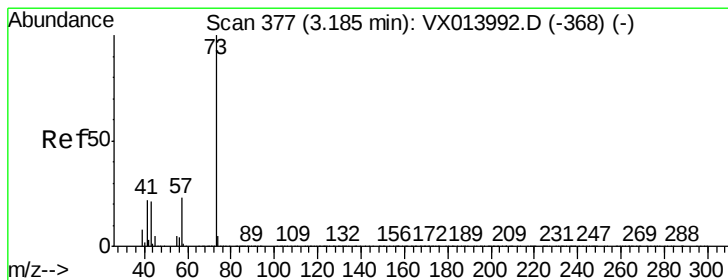
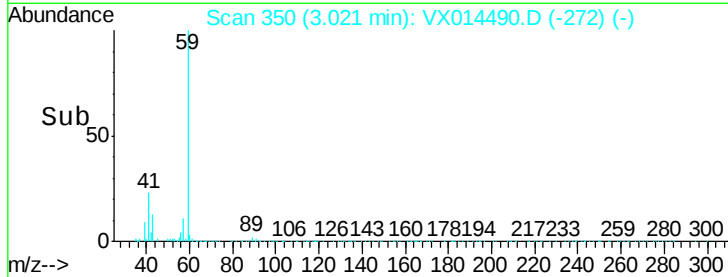
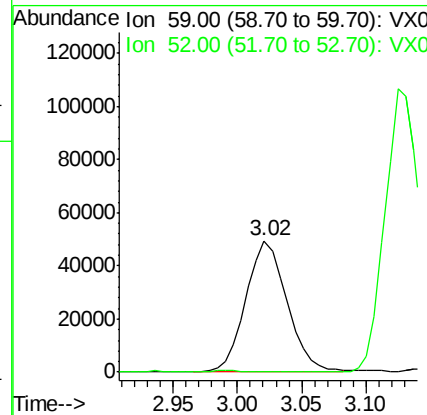
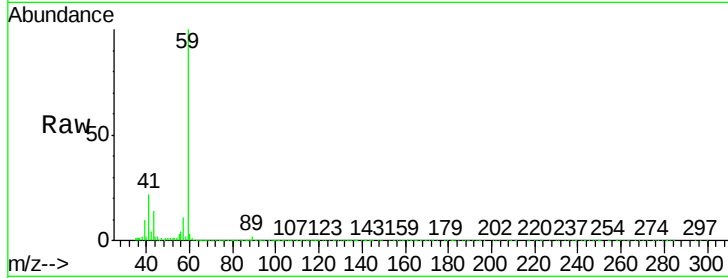
tert-Butyl Alcohol
Concen: 105.613 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.02 min
Lab File: VX014490.D
Acq: 09 Jan 2020 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0109WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.2	0.2	0.2

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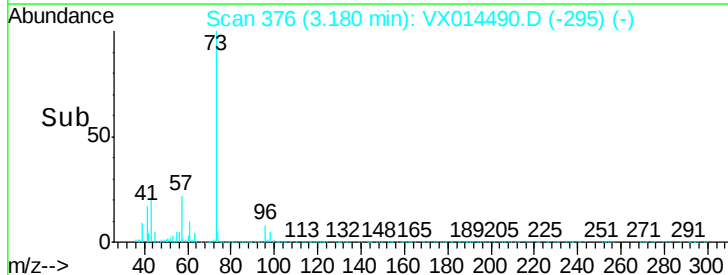
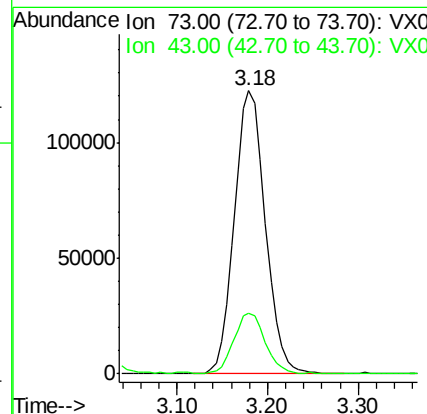
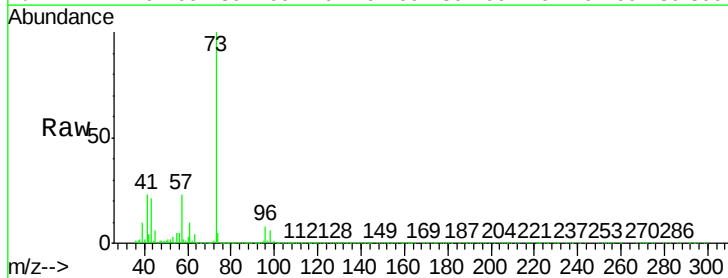
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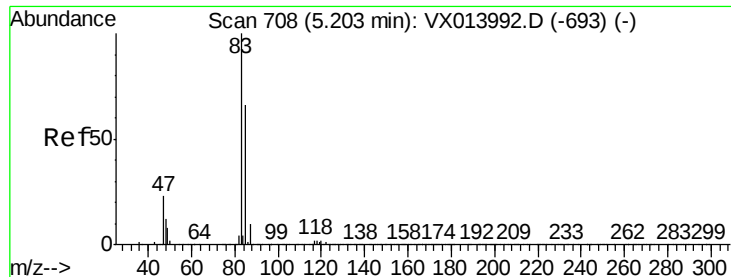


#24

Methyl tert-Butyl Ether
Concen: 19.909 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014490.D
Acq: 09 Jan 2020 11:43

Tgt Ion	Ratio	Lower	Upper
73	100		
43	20.9	16.6	25.0





#25

Chloroform

Concen: 19.728 ug/l

RT: 5.19 min Scan# 706

Delta R.T. -0.01 min

Lab File: VX014490.D

Acq: 09 Jan 2020 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0109WBSD01

Tot Ion: 83 Resp: 162802

Ion Ratio Lower Upper

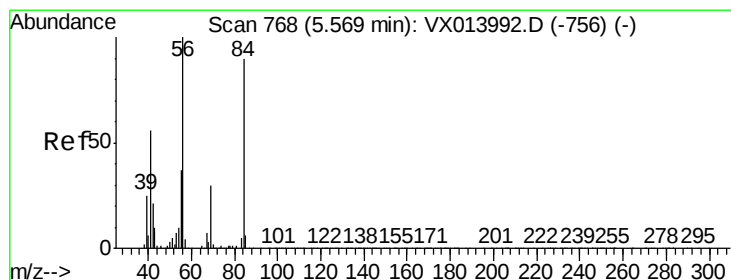
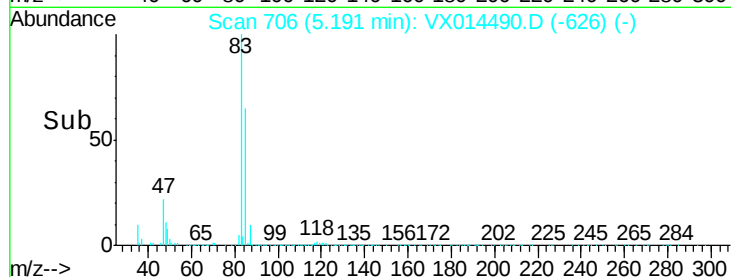
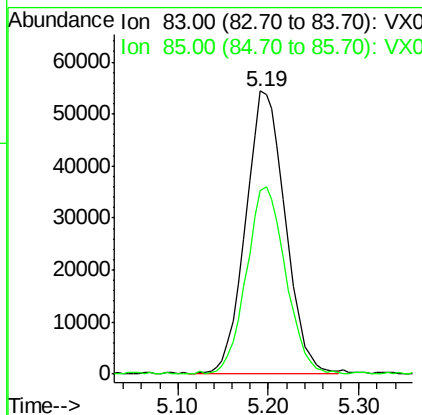
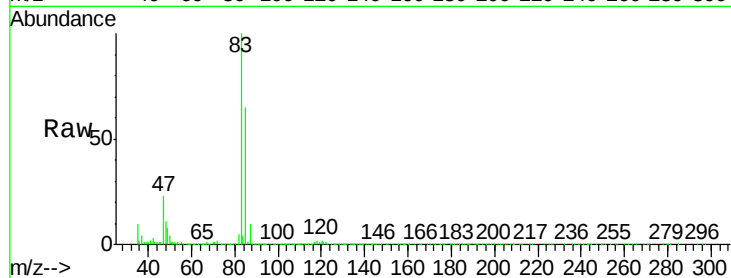
83 100

85 64.7 52.7 79.1

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#26

Cyclohexane

Concen: 19.746 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX014490.D

Acq: 09 Jan 2020 11:43

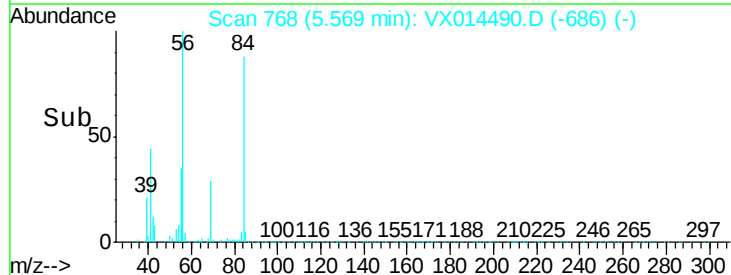
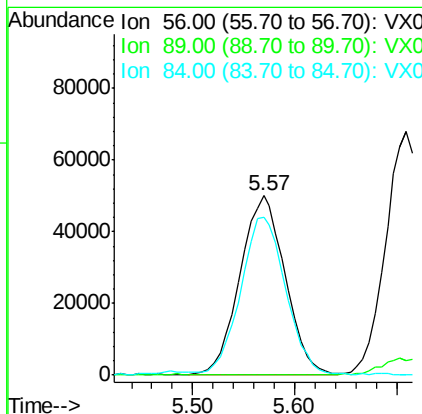
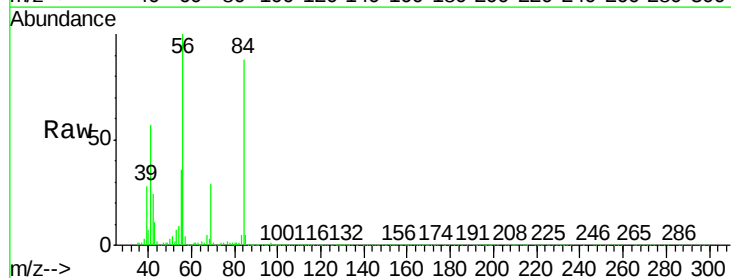
Tgt Ion: 56 Resp: 152409

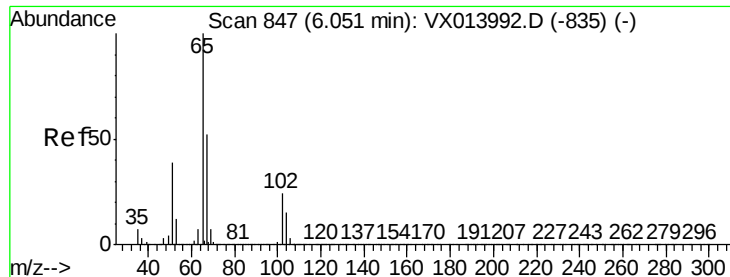
Ion Ratio Lower Upper

56 100

89 0.1 0.1 0.1

84 88.4 70.8 106.2





#27

1,2-Dichloroethane-d4

Concen: 29.631 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014490.D

Acq: 09 Jan 2020 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0109WBSD01

Tot Ion: 65 Resp: 163918

Ion Ratio Lower Upper

65 100

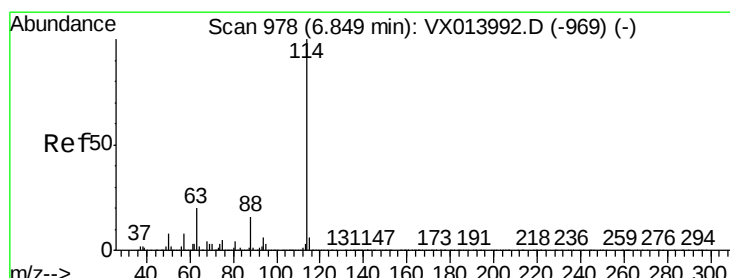
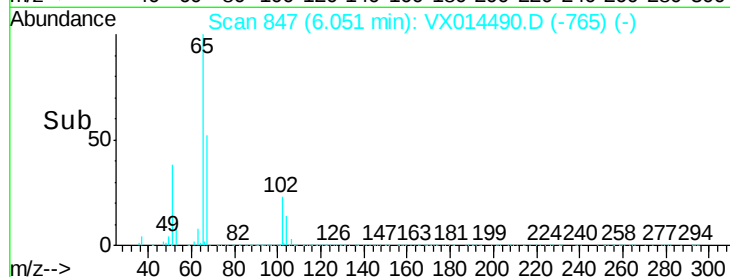
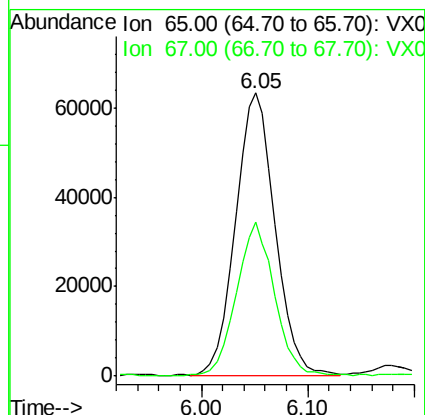
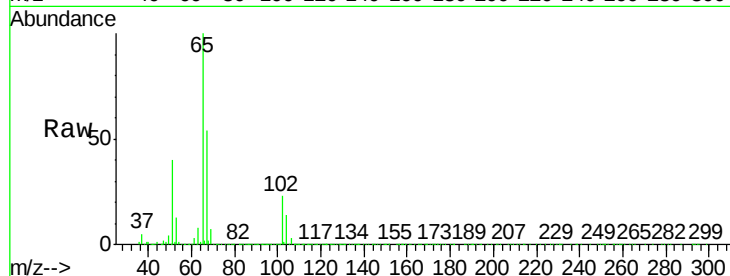
67 52.2 43.1 64.7

Manual Integrations

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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: VX014490.D

Acq: 09 Jan 2020 11:43

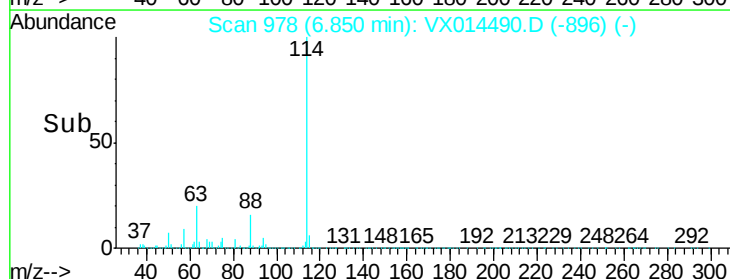
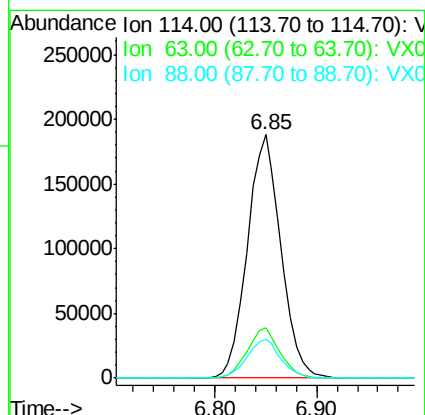
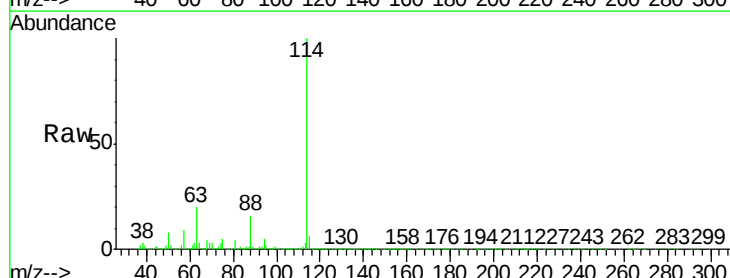
Tgt Ion: 114 Resp: 428530

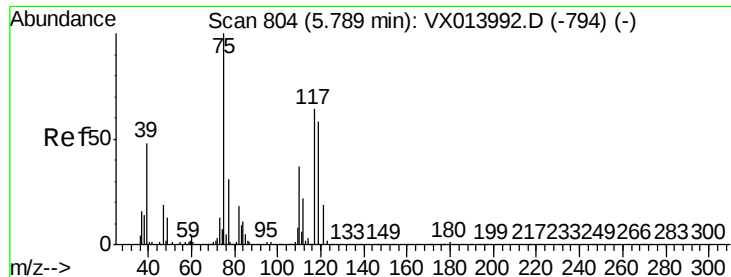
Ion Ratio Lower Upper

114 100

63 20.1 16.1 24.1

88 15.8 12.5 18.7





#29

1,1-Dichloropropene

Concen: 19.904 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX014490.D

Acq: 09 Jan 2020 11:43

Instrument :

MSVOA_X

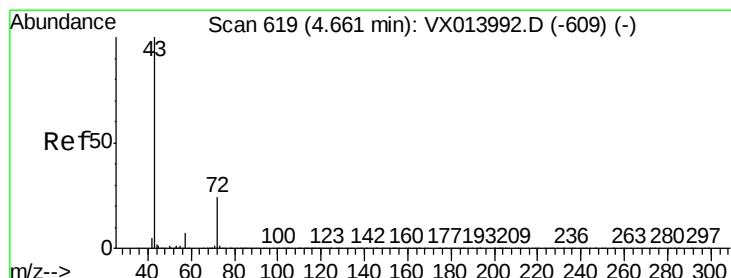
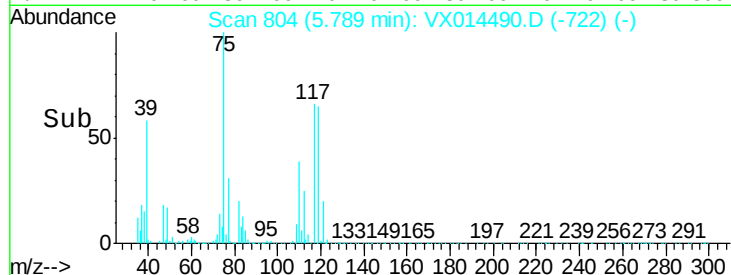
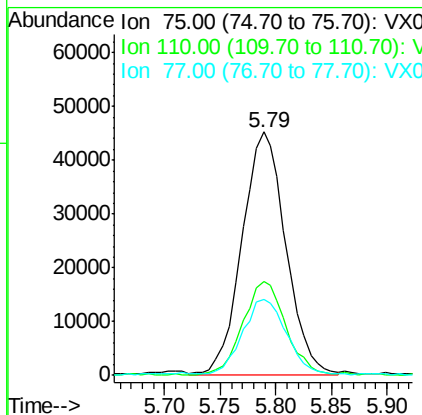
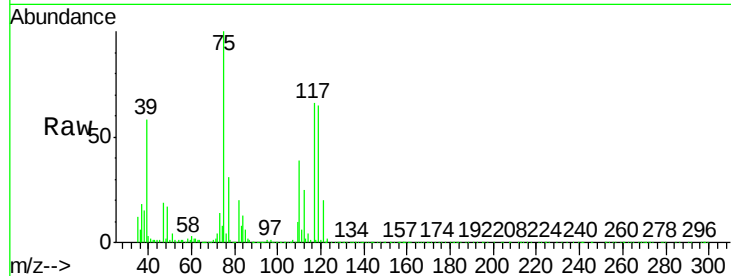
ClientSampleId :

VX0109WBSD01

Tot Ion:	75	Resp:	123205
Ion Ratio	Lower	Upper	
75	100		
110	37.4	0.0	73.8
77	31.0	0.0	62.4

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#30

2-Butanone

Concen: 106.788 ug/l

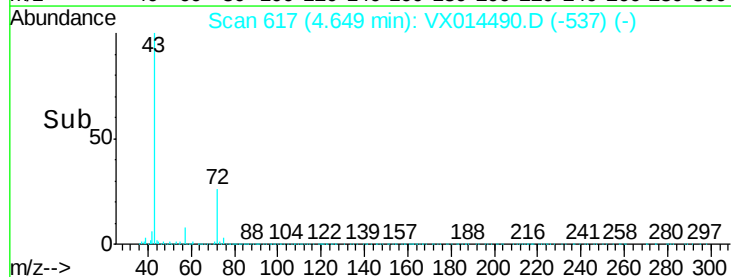
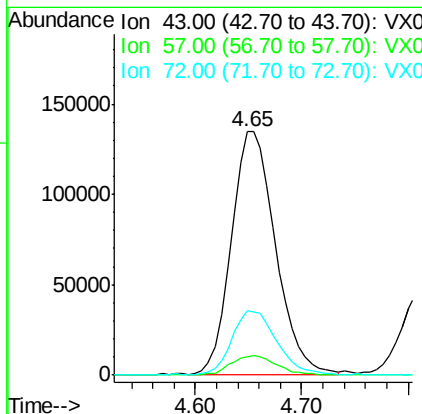
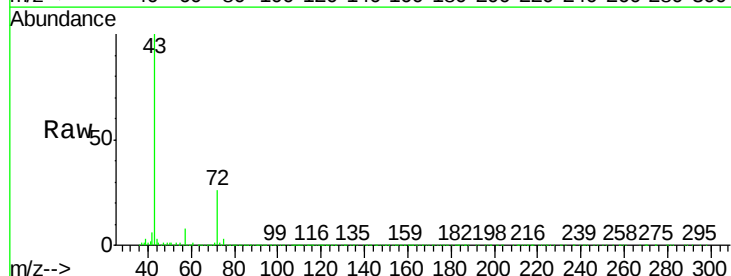
RT: 4.65 min Scan# 617

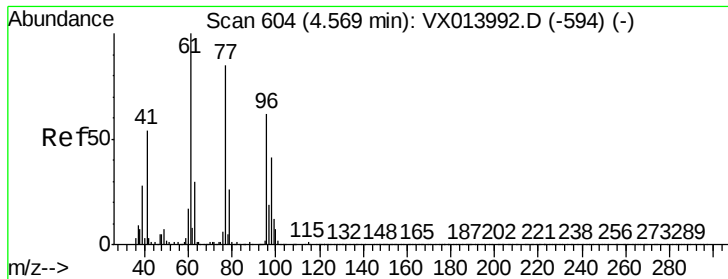
Delta R.T. -0.01 min

Lab File: VX014490.D

Acq: 09 Jan 2020 11:43

Tgt Ion:	43	Resp:	389619
Ion Ratio	Lower	Upper	
43	100		
57	8.2	6.2	9.2
72	26.0	20.3	30.5





#31

2,2-Dichloropropane

Concen: 23.139 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX014490.D

Acq: 09 Jan 2020 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0109WBSD01

Tot Ion: 77 Resp: 132491

Ion Ratio Lower Upper

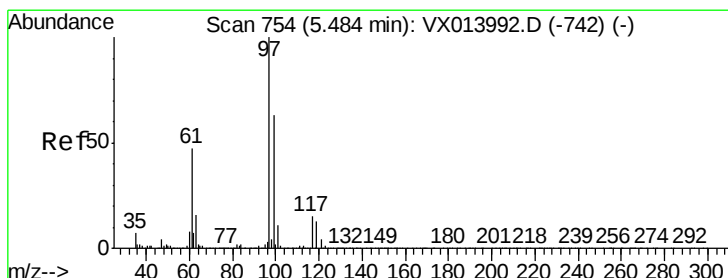
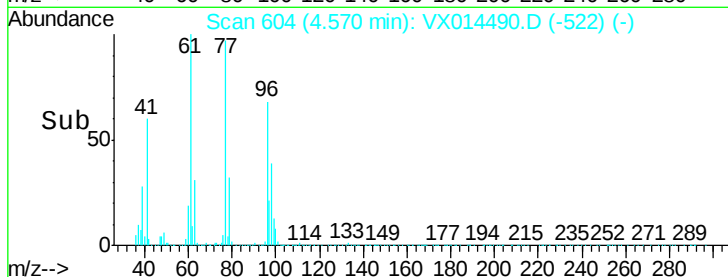
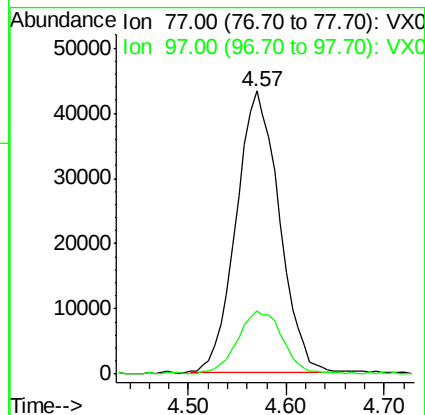
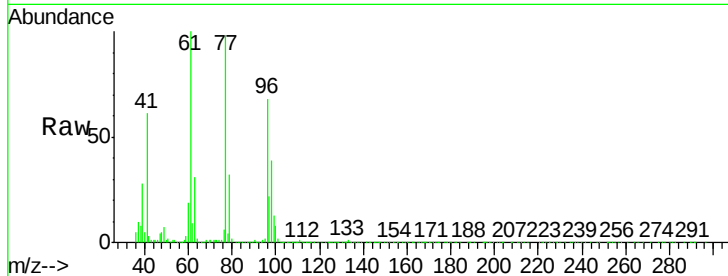
77 100

97 23.2 19.7 29.5

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#32

1,1,1-Trichloroethane

Concen: 19.746 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX014490.D

Acq: 09 Jan 2020 11:43

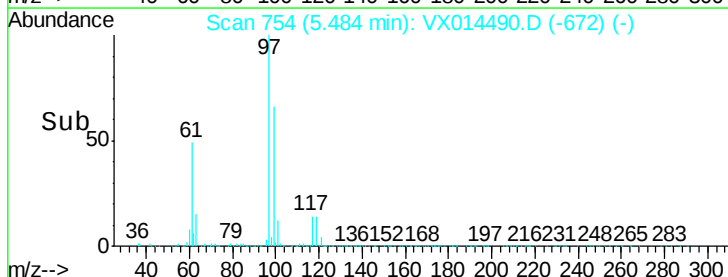
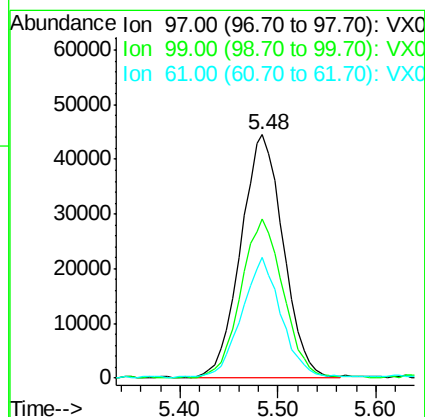
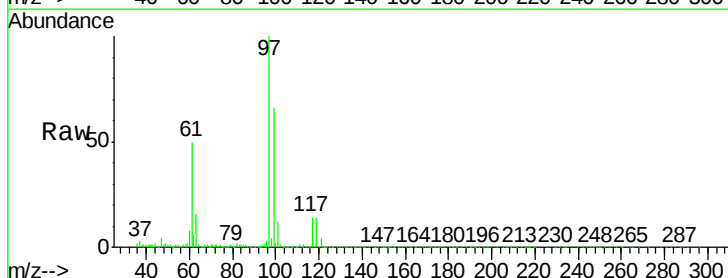
Tgt Ion: 97 Resp: 135195

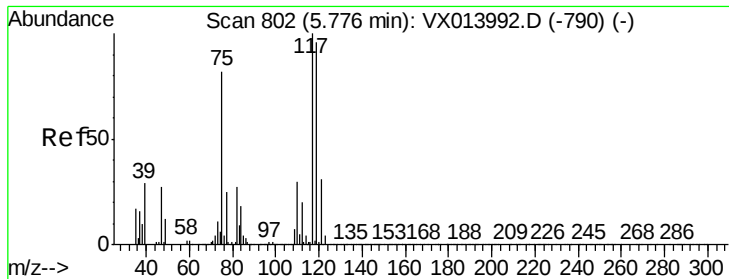
Ion Ratio Lower Upper

97 100

99 64.0 51.9 77.9

61 45.9 36.8 55.2





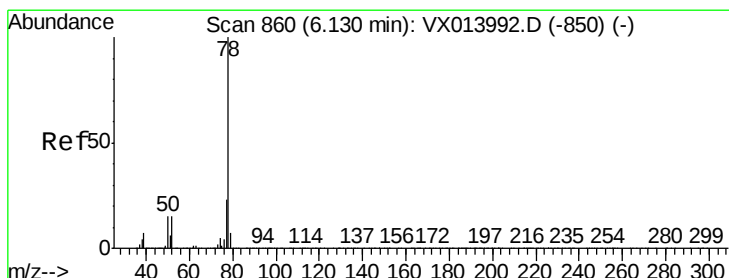
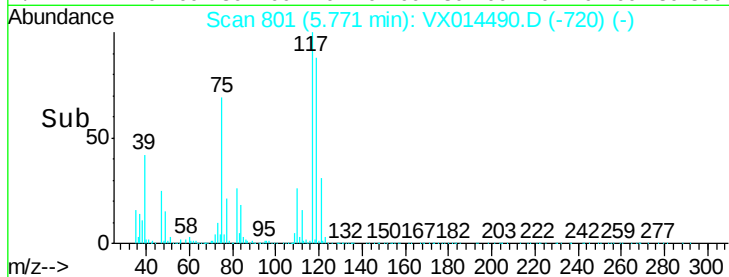
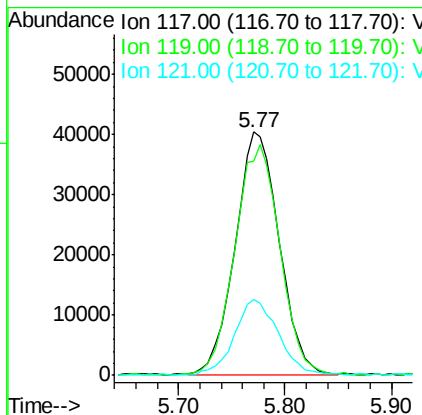
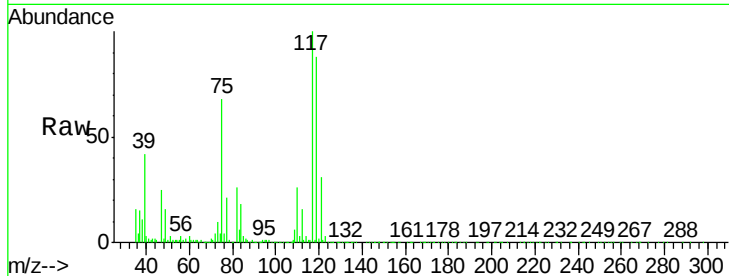
#33
Carbon Tetrachloride
Concen: 20.158 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014490.D
Acq: 09 Jan 2020 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0109WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
119	87.6	77.2	115.8
121	31.4	24.8	37.2

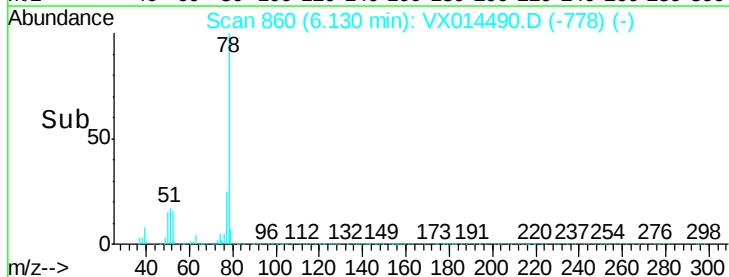
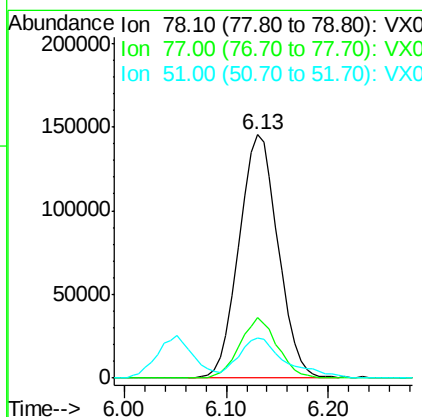
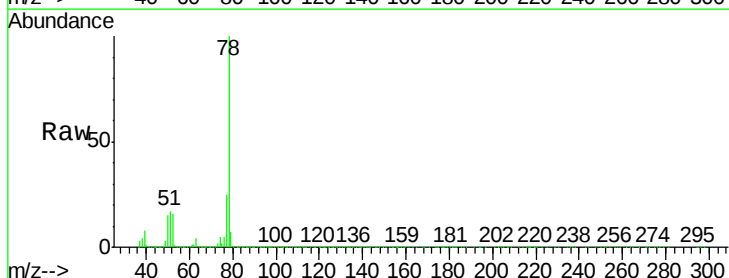
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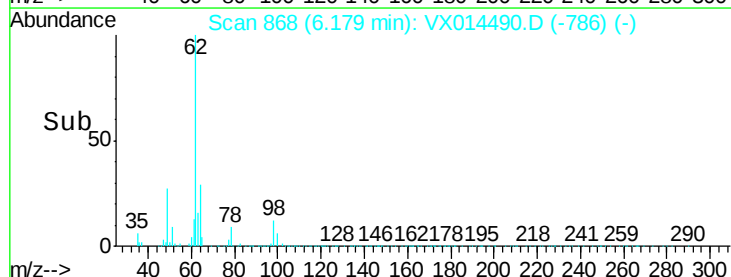
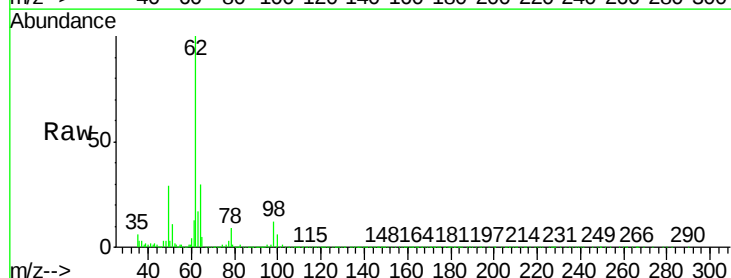
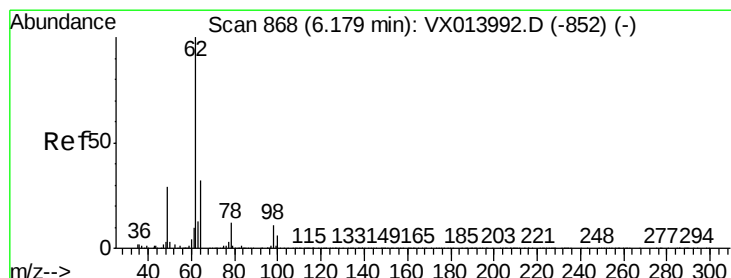
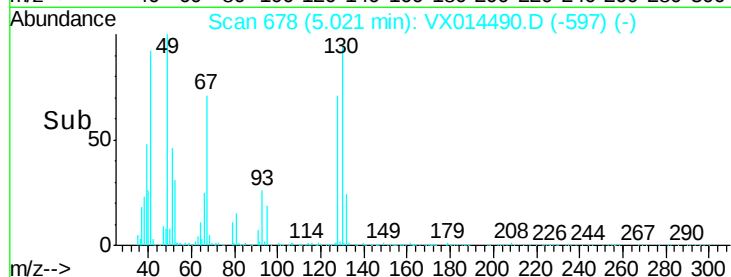
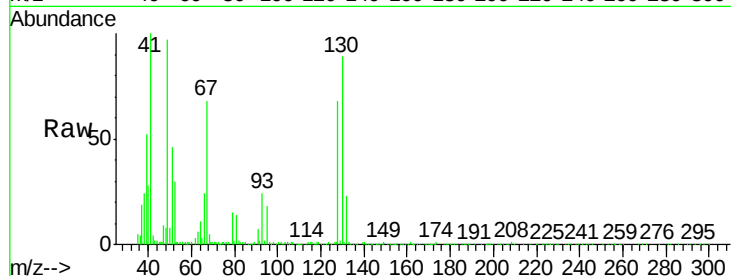
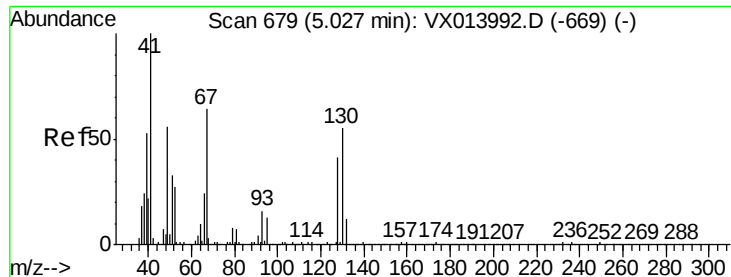
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#34
Benzene
Concen: 20.055 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX014490.D
Acq: 09 Jan 2020 11:43

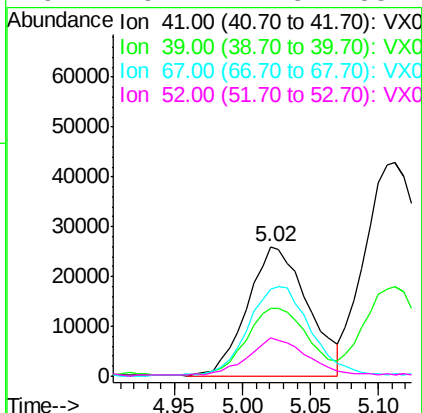
Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.6	18.2	27.2
51	15.6	12.4	18.6





#35
Methacrylonitrile
Concen: 20.648 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014490.D
Acq: 09 Jan 2020 11:43

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	51.6	26.7	80.1	
67	66.9	31.5	94.5	
52	28.1	12.8	38.4	



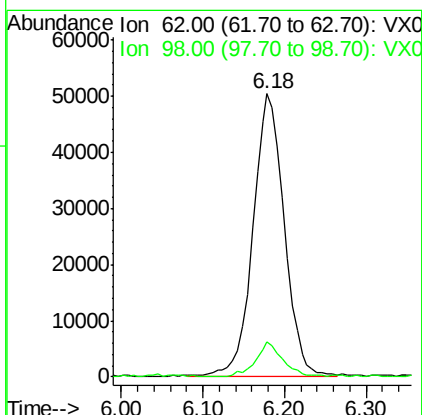
Instrument :
MSVOA_X
ClientSampleId :
VX0109WBSD01

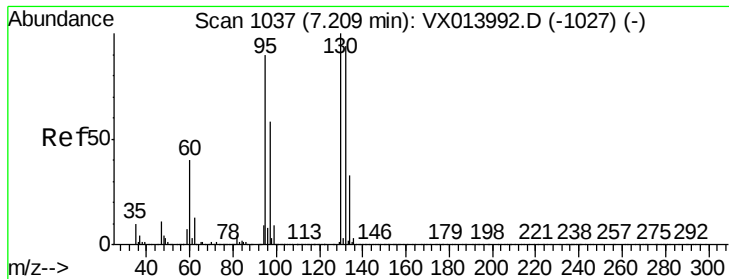
Manual Integrations
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#36
1,2-Dichloroethane
Concen: 19.934 ug/l
RT: 6.18 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX014490.D
Acq: 09 Jan 2020 11:43

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.6	8.4	12.6	





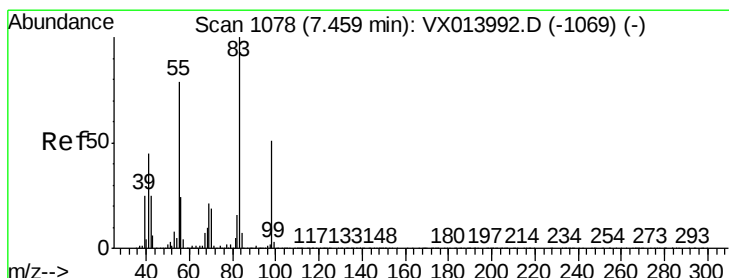
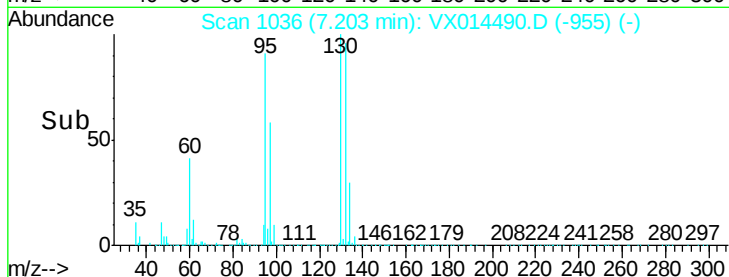
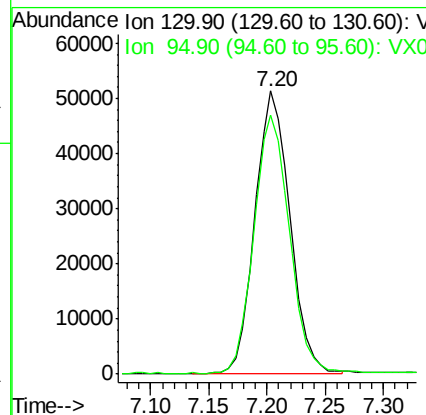
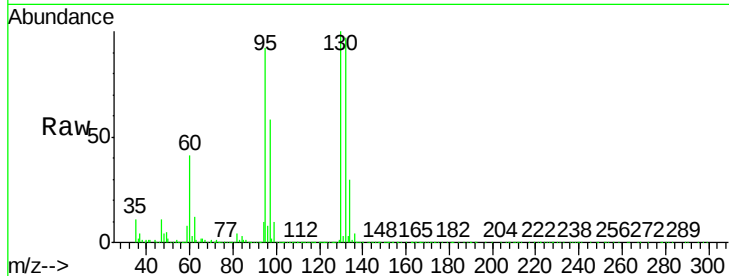
#37
 Trichloroethene
 Concen: 20.478 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014490.D
 Acq: 09 Jan 2020 11:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0109WBSD01

Tot Ion	Ratio	Lower	Upper
130	100		
95	91.1	71.7	107.5

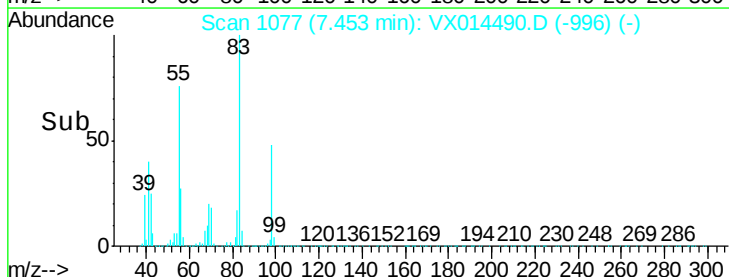
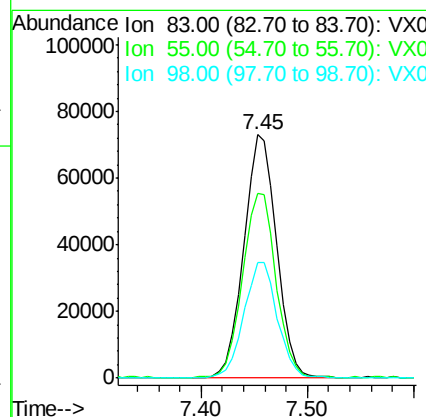
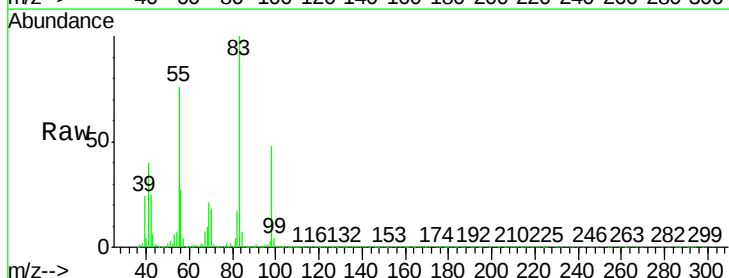
Manual Integrations
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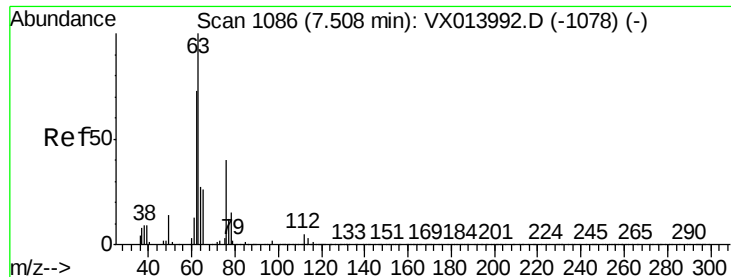
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#38
 Methylcyclohexane
 Concen: 21.324 ug/l
 RT: 7.45 min Scan# 1077
 Delta R.T. -0.01 min
 Lab File: VX014490.D
 Acq: 09 Jan 2020 11:43

Tgt Ion	Ratio	Lower	Upper
83	100		
55	76.3	39.4	118.1
98	49.0	25.1	75.3





#39

1,2-Dichloropropane

Concen: 19.723 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX014490.D

Acq: 09 Jan 2020 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0109WBSD01

Tot Ion: 63 Resp: 98873

Ion Ratio Lower Upper

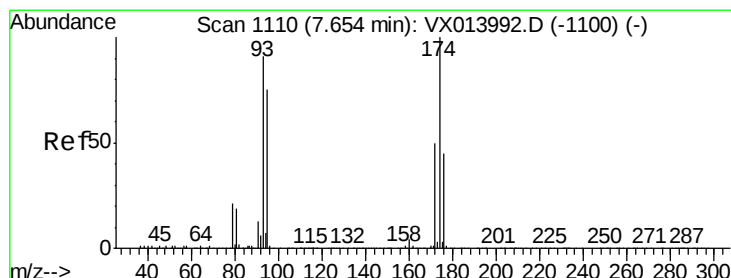
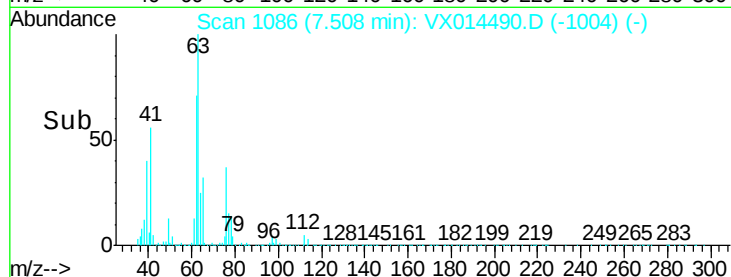
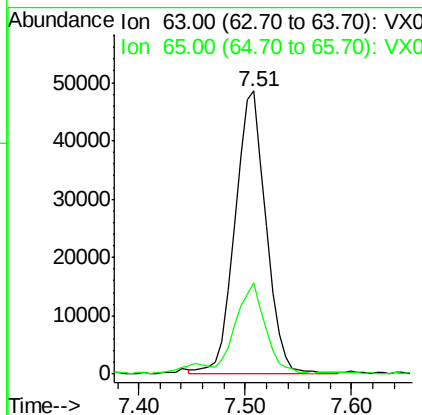
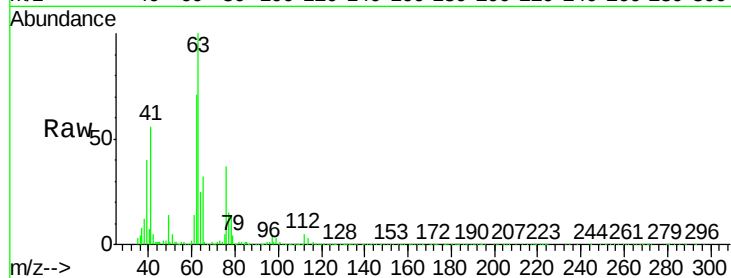
63 100

65 31.9 22.1 33.1

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#40

Dibromomethane

Concen: 20.327 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014490.D

Acq: 09 Jan 2020 11:43

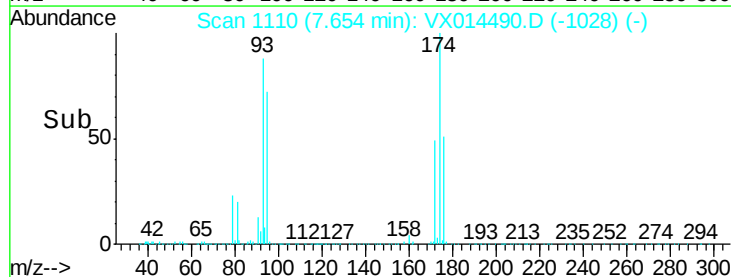
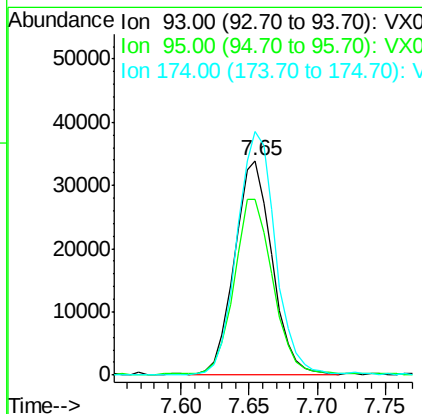
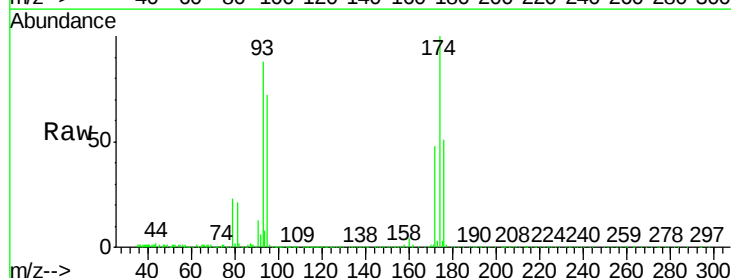
Tgt Ion: 93 Resp: 65096

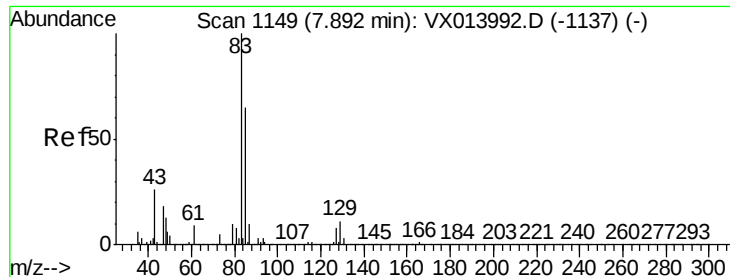
Ion Ratio Lower Upper

93 100

95 84.5 0.0 164.4

174 116.8 0.0 228.8





#41

Bromodichloromethane

Concen: 20.115 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014490.D

Acq: 09 Jan 2020 11:43

Instrument :

MSVOA_X

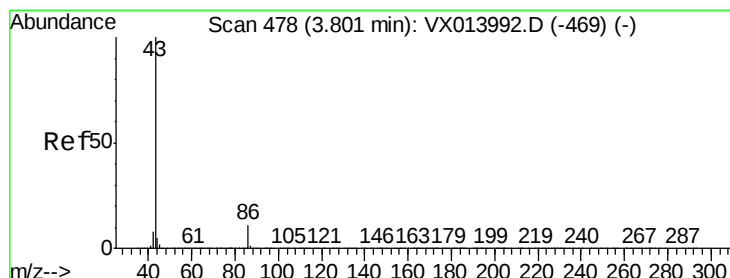
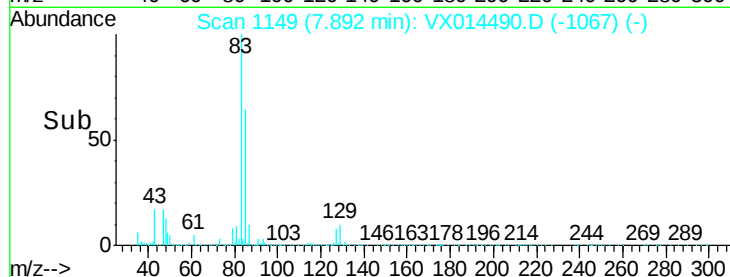
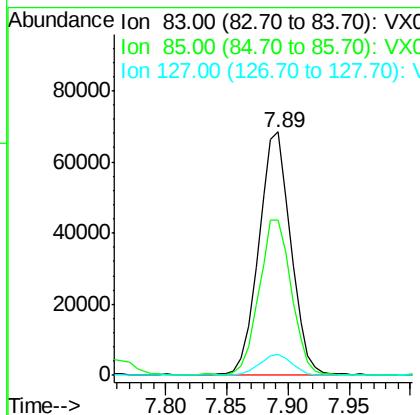
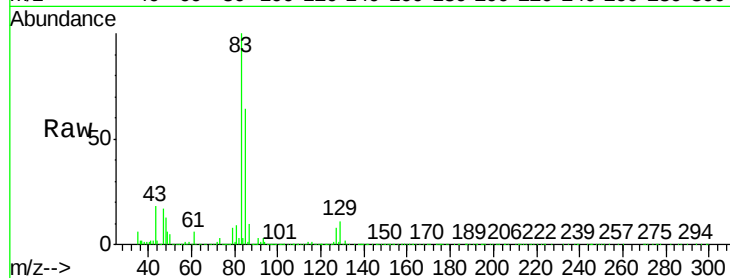
ClientSampleId :

VX0109WBSD01

Tot Ion:	83	Resp:	124727
Ion Ratio	Lower	Upper	
83	100		
85	63.6	51.6	77.4
127	8.4	6.0	9.0

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#42

Vinyl Acetate

Concen: 99.349 ug/l

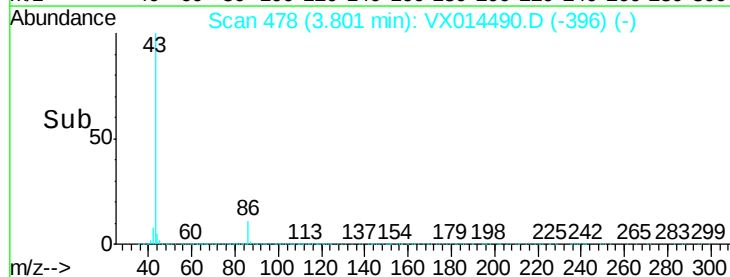
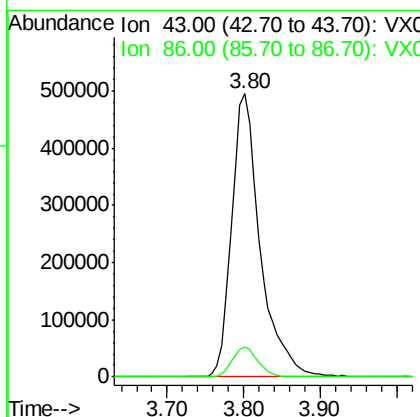
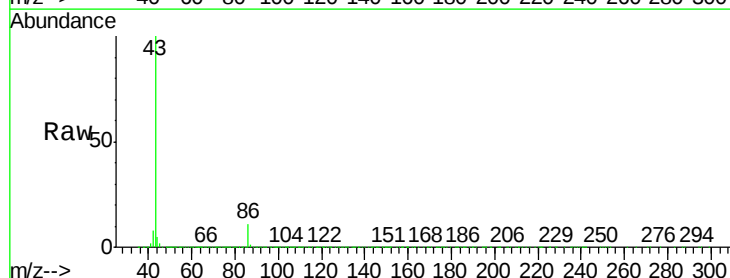
RT: 3.80 min Scan# 478

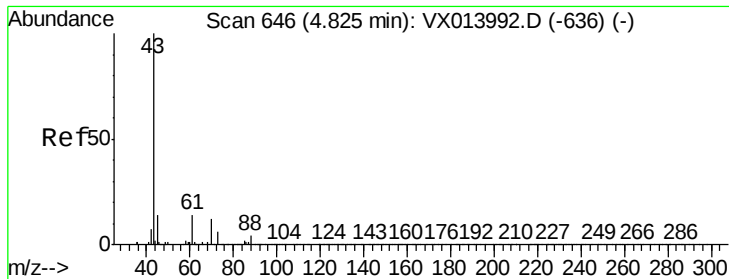
Delta R.T. 0.00 min

Lab File: VX014490.D

Acq: 09 Jan 2020 11:43

Tgt Ion:	43	Resp:	1279756
Ion Ratio	Lower	Upper	
43	100		
86	9.4	7.7	11.5





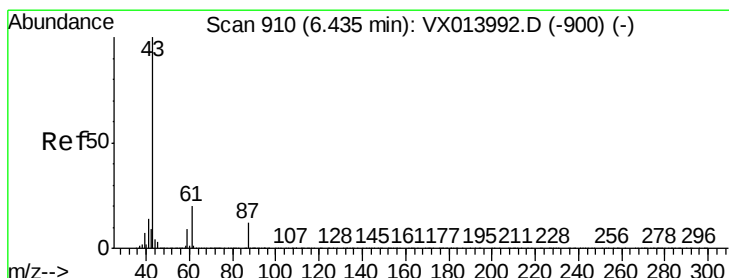
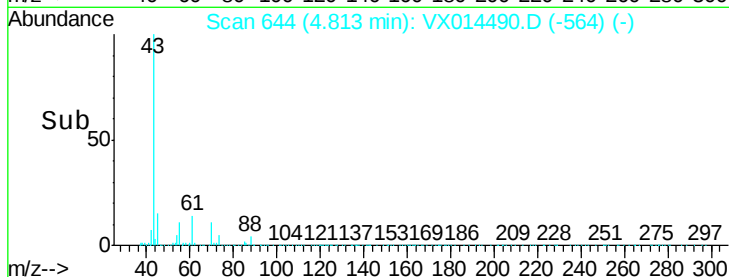
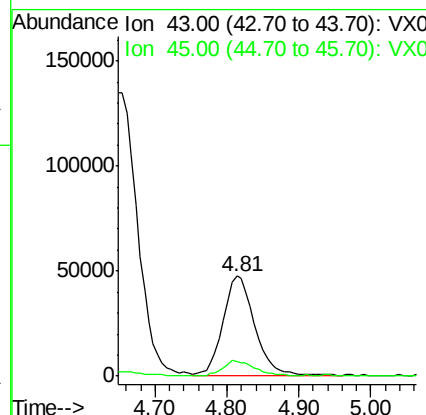
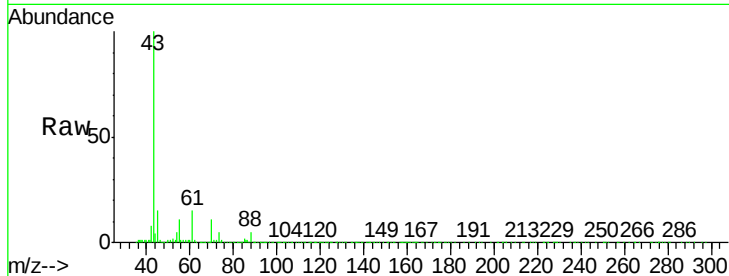
#43
Ethyl Acetate
Concen: 20.550 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014490.D
Acq: 09 Jan 2020 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0109WBSD01

Tot Ion	43	Resp	143867
Ion Ratio	Lower	Upper	
43	100		
45	14.4	11.8	17.8

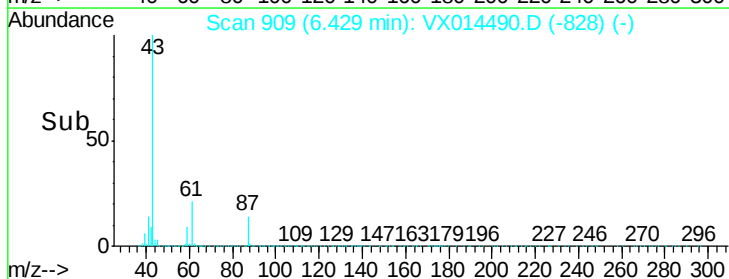
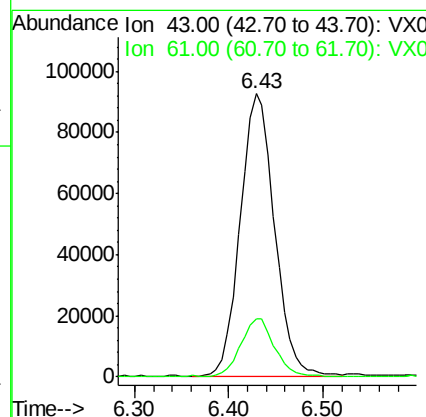
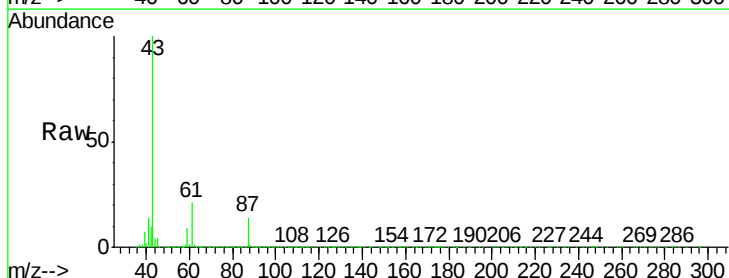
Manual Integrations
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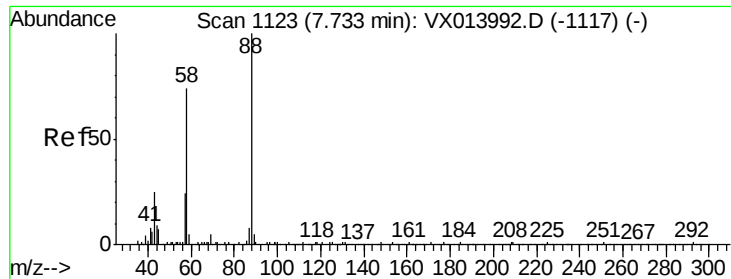
apatel
1/10/2020 8:34:49 AM



#44
Isopropyl Acetate
Concen: 19.952 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX014490.D
Acq: 09 Jan 2020 11:43

Tgt Ion	43	Resp	233945
Ion Ratio	Lower	Upper	
43	100		
61	20.2	15.9	23.9





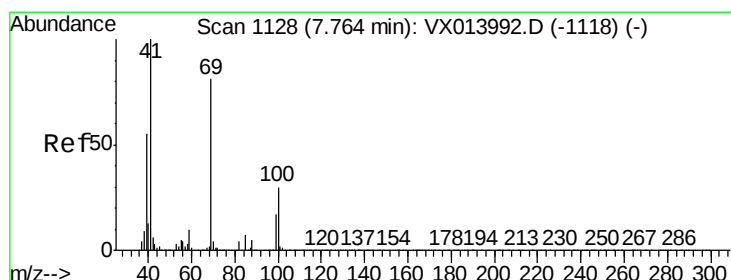
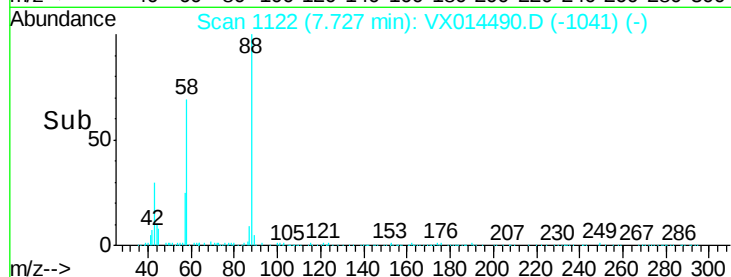
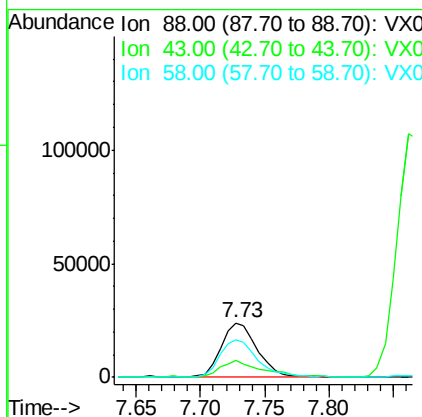
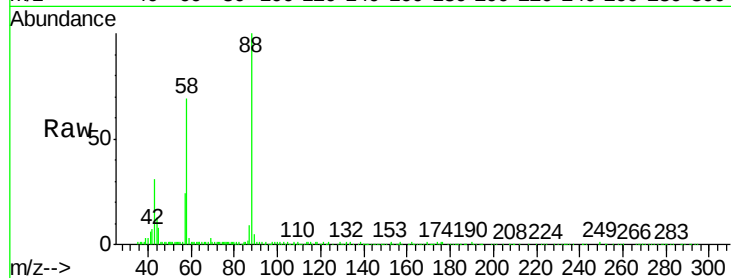
#45
1,4-Dioxane
Concen: 434.600 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX014490.D
Acq: 09 Jan 2020 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0109WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.9	25.4	38.2
58	69.0	56.5	84.7

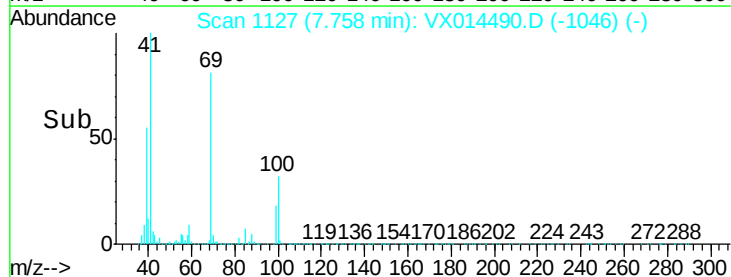
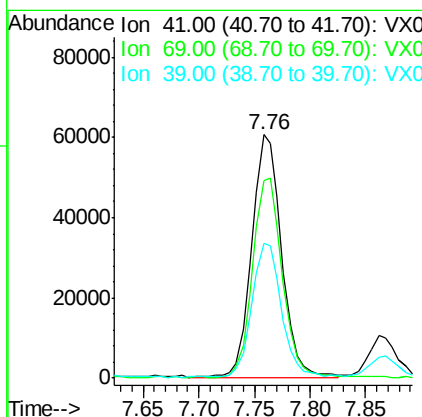
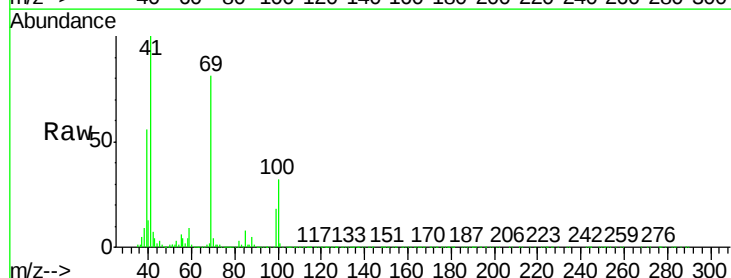
Manual Integrations
APPROVED

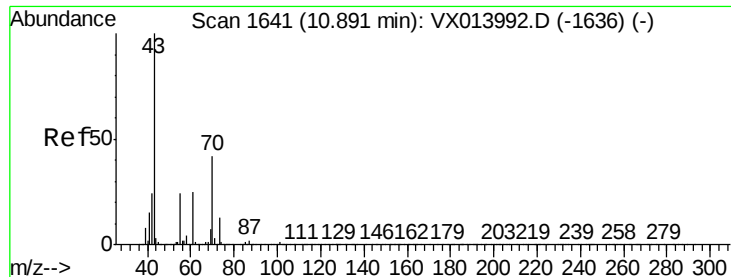
apatel
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#46
Methyl methacrylate
Concen: 19.747 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX014490.D
Acq: 09 Jan 2020 11:43

Tgt Ion	Ratio	Lower	Upper
41	100		
69	81.2	40.6	122.0
39	55.3	27.8	83.3





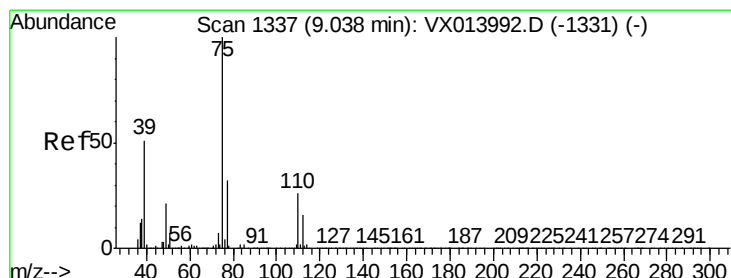
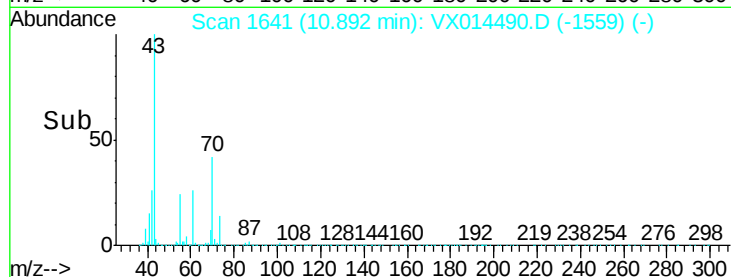
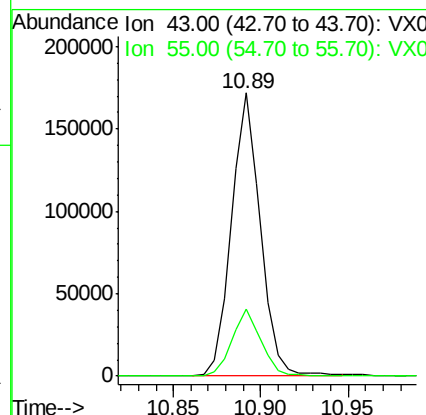
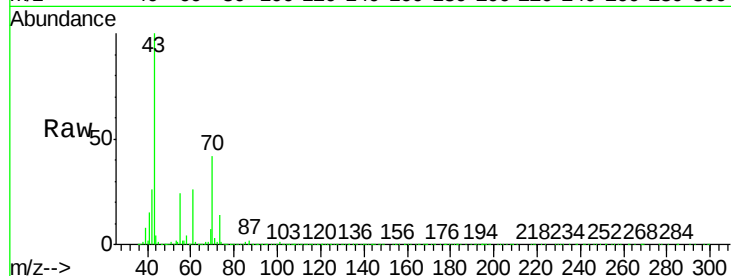
#47
n-amvl Acetate
Concen: 18.787 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX014490.D
Acq: 09 Jan 2020 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0109WBSD01

Tot Ion: 43 Resp: 195876
Ion Ratio Lower Upper
43 100
55 24.0 19.4 29.2

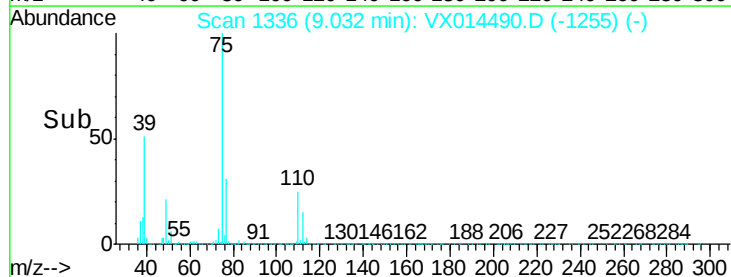
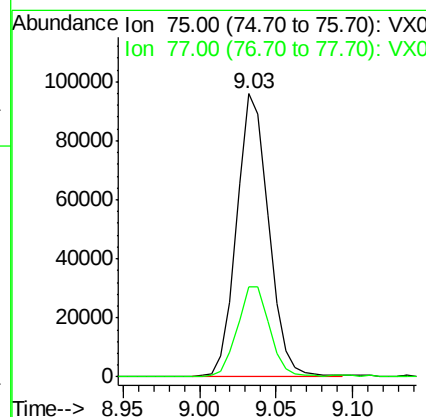
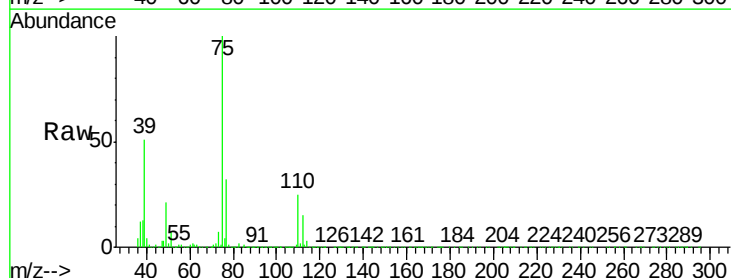
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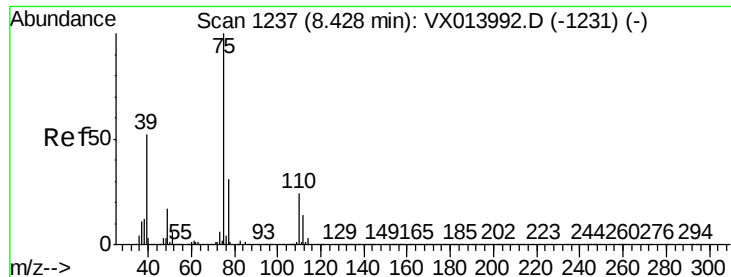
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#48
t-1,3-Dichloropropene
Concen: 20.419 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014490.D
Acq: 09 Jan 2020 11:43

Tgt Ion: 75 Resp: 138194
Ion Ratio Lower Upper
75 100
77 31.5 26.0 39.0





#49

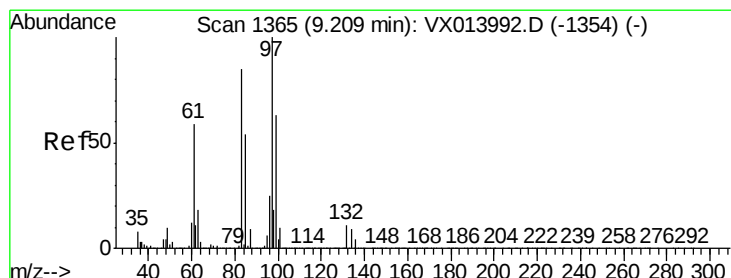
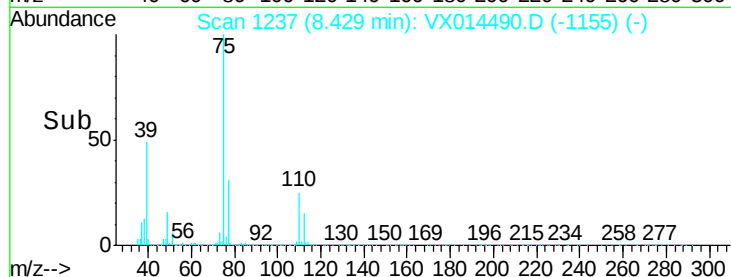
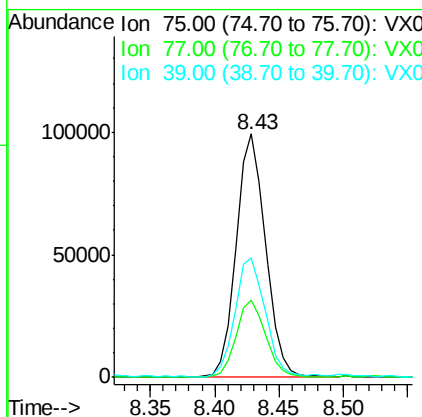
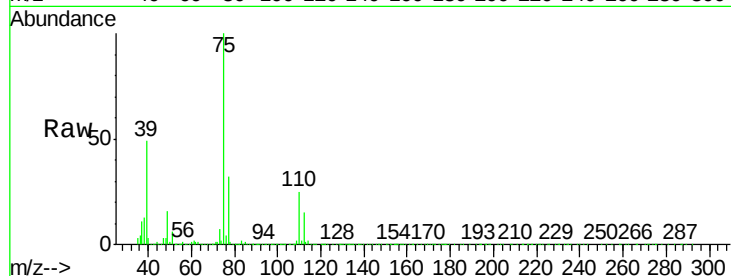
cis-1,3-Dichloropropene
Concen: 20.600 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014490.D
Acq: 09 Jan 2020 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0109WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.5	24.8	37.2
39	49.0	41.1	61.7

Manual Integrations
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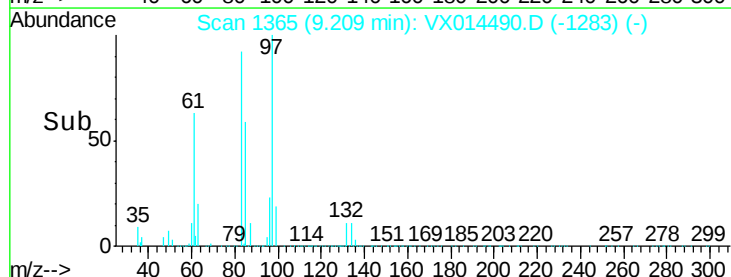
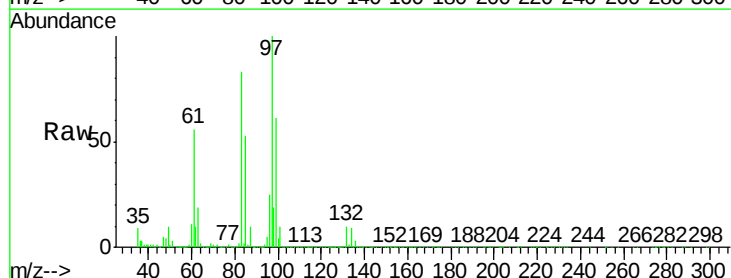
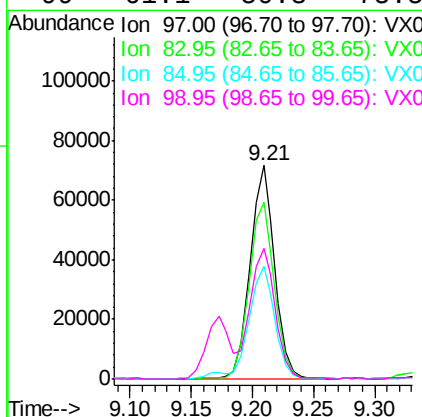
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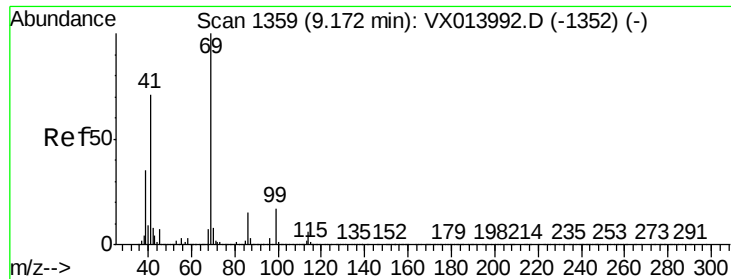


#50

1,1,2-Trichloroethane
Concen: 20.285 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VX014490.D
Acq: 09 Jan 2020 11:43

Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.8	68.1	102.1
85	52.4	42.7	64.1
99	61.1	50.3	75.5





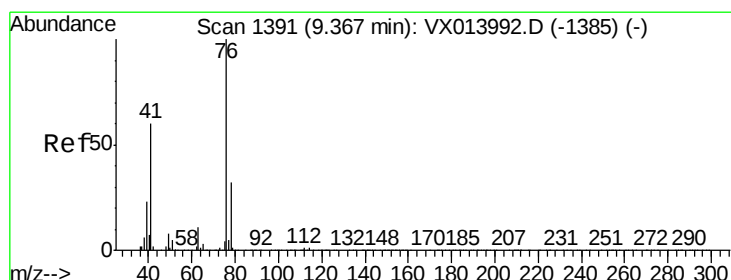
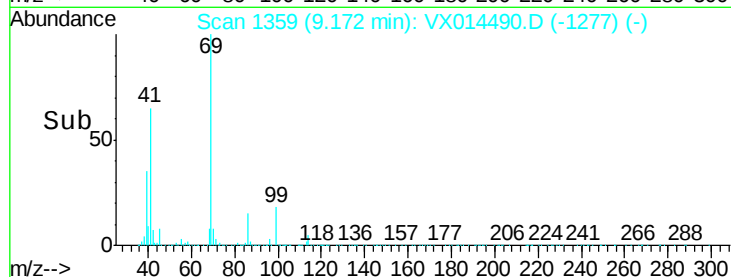
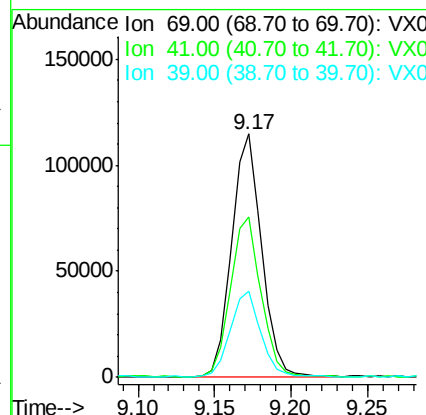
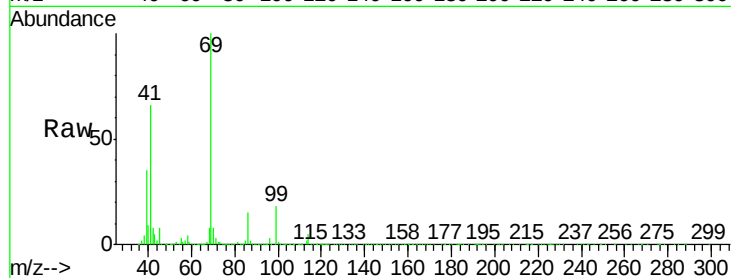
#51
Ethyl methacrylate
Concen: 19.758 ug/l
RT: 9.17 min Scan# 1359
Delta R.T. 0.00 min
Lab File: VX014490.D
Acq: 09 Jan 2020 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0109WBSD01

Tot Ion	Ratio	Lower	Upper
69	100		
41	66.0	35.4	106.1
39	35.1	17.8	53.3

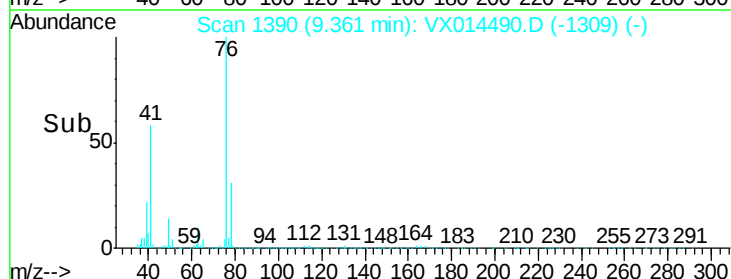
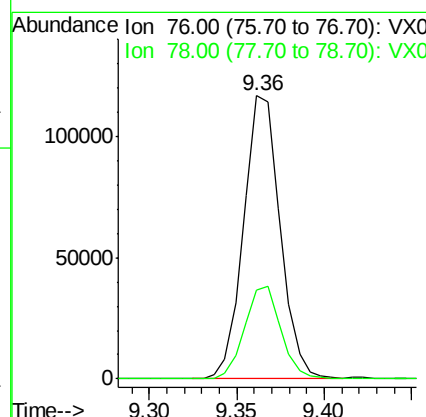
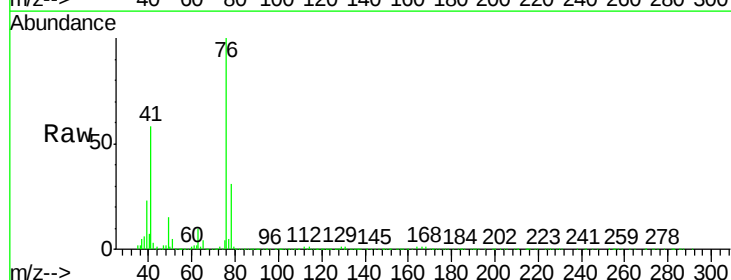
Manual Integrations
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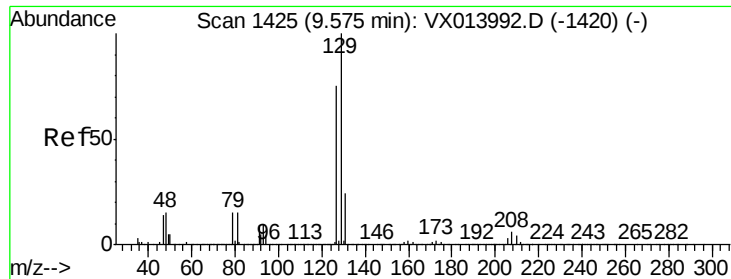
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#52
1,3-Dichloropropane
Concen: 20.171 ug/l
RT: 9.36 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX014490.D
Acq: 09 Jan 2020 11:43

Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.4	0.0	63.4





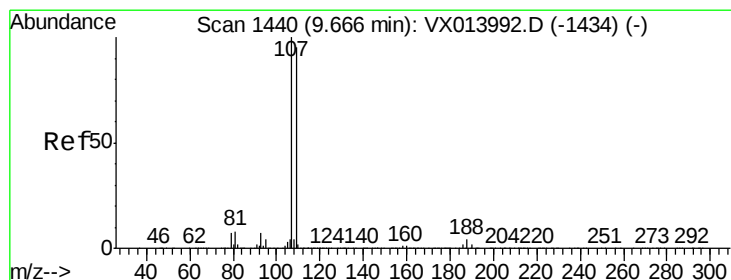
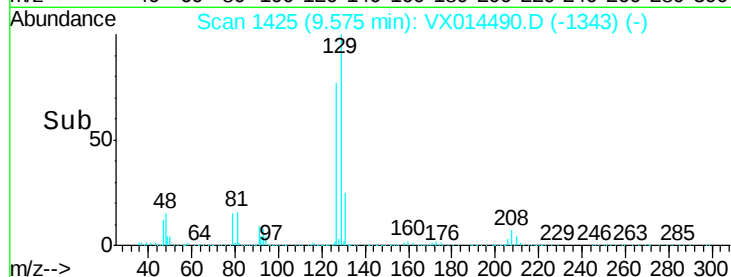
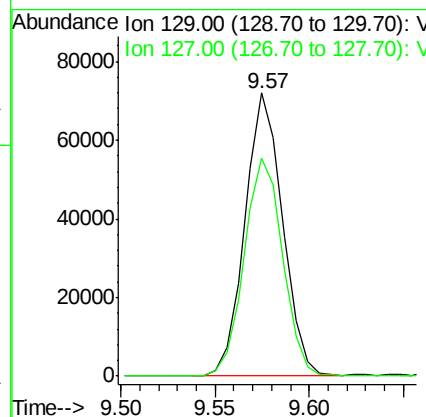
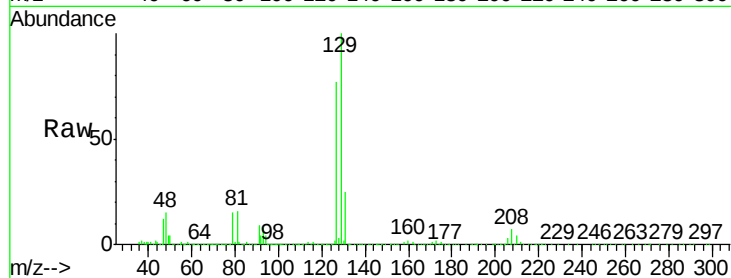
#53
 Dibromochloromethane
 Concen: 20.146 ug/l
 RT: 9.57 min Scan# 1425
 Delta R.T. 0.00 min
 Lab File: VX014490.D
 Acq: 09 Jan 2020 11:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0109WBSD01

Tot Ion	Ratio	Lower	Upper
129	100		
127	78.9	39.1	117.5

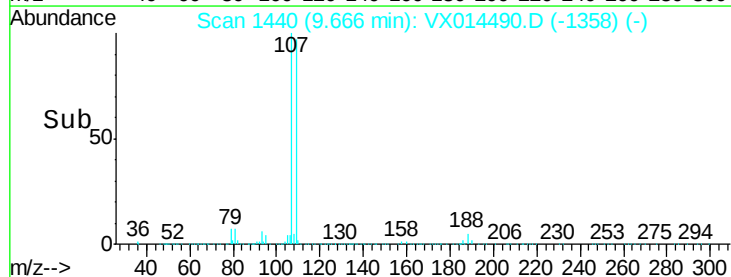
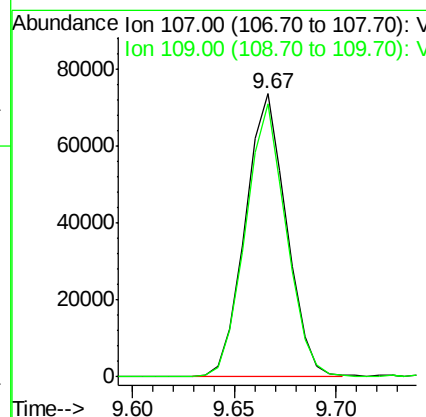
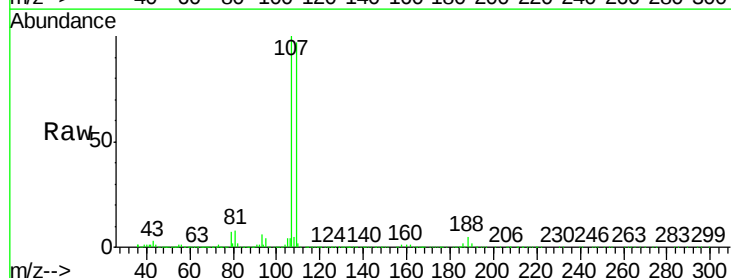
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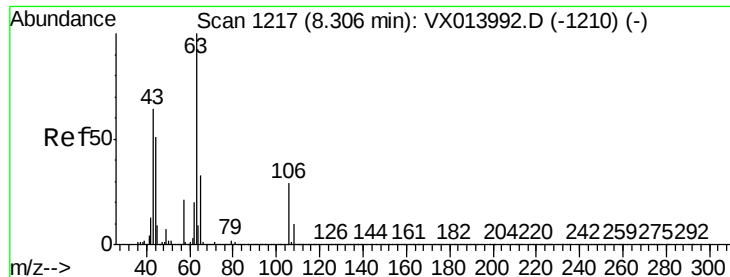
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#54
 1,2-Dibromoethane
 Concen: 20.128 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX014490.D
 Acq: 09 Jan 2020 11:43

Tgt Ion	Ratio	Lower	Upper
107	100		
109	96.3	77.2	115.8





#55

2-Chloroethyl vinyl ether

Concen: 98.531 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014490.D

Acq: 09 Jan 2020 11:43

Instrument :

MSVOA_X

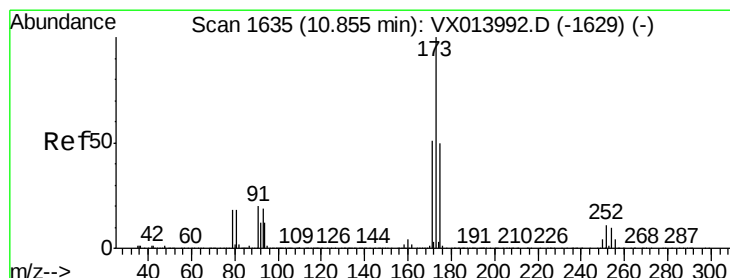
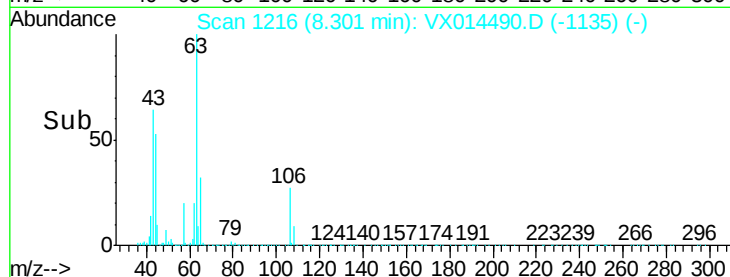
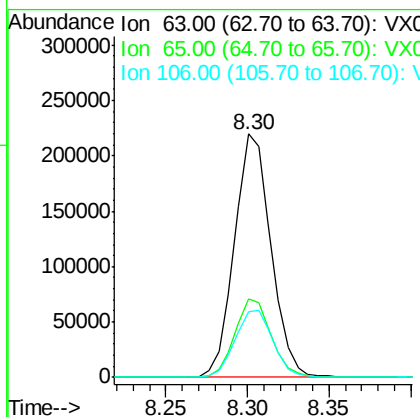
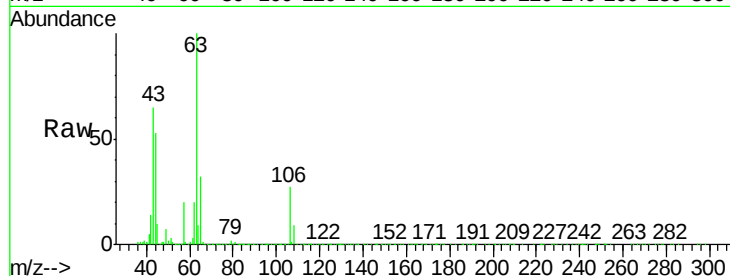
ClientSampleId :

VX0109WBSD01

Tot Ion:	63	Resp:	341453
Ion Ratio	Lower	Upper	
63	100		
65	31.9	25.8	38.6
106	28.5	22.9	34.3

Manual Integrations
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#56

Bromoform

Concen: 19.583 ug/l

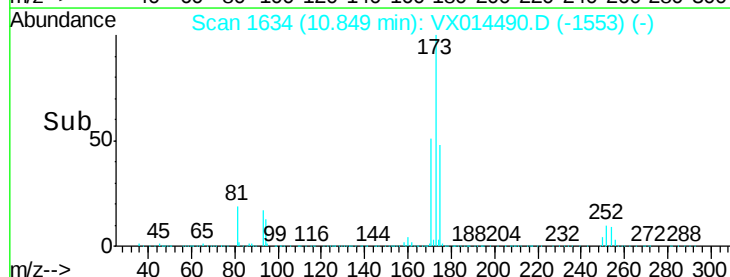
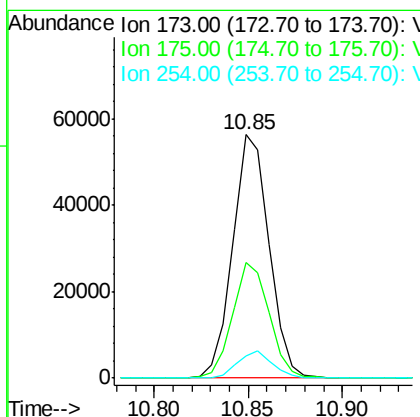
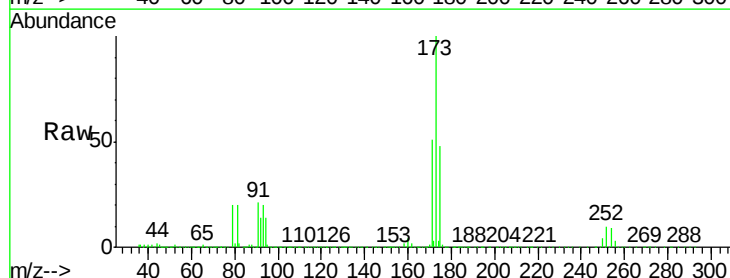
RT: 10.85 min Scan# 1634

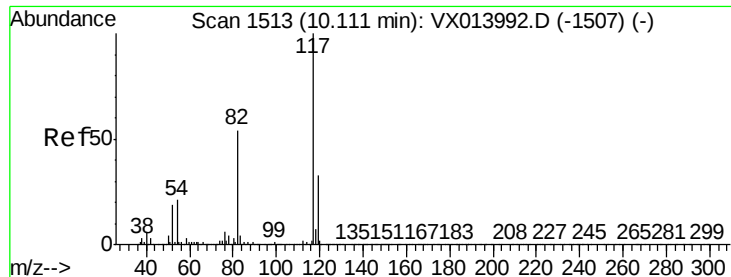
Delta R.T. -0.01 min

Lab File: VX014490.D

Acq: 09 Jan 2020 11:43

Tgt Ion:	173	Resp:	75472
Ion Ratio	Lower	Upper	
173	100		
175	47.7	39.5	59.3
254	10.7	8.2	12.4





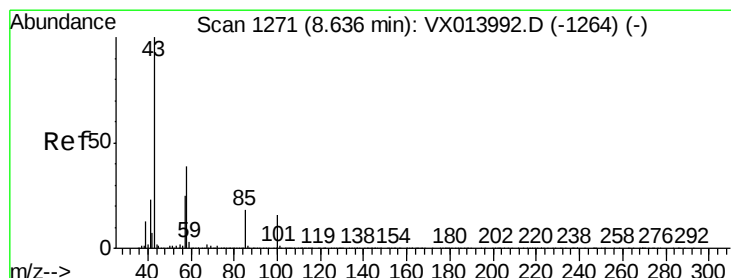
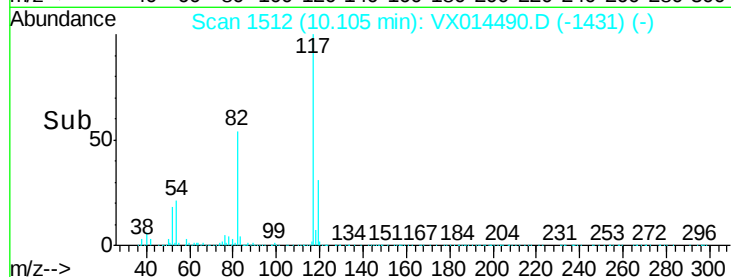
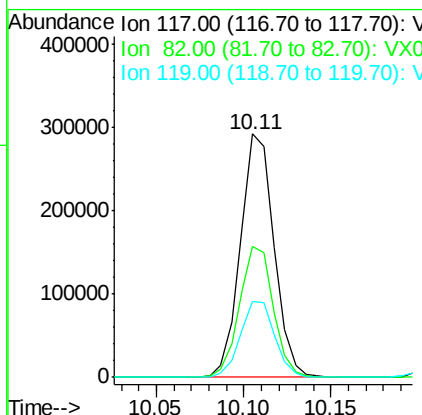
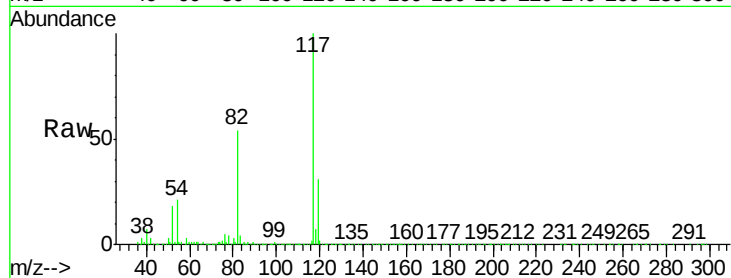
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014490.D
Acq: 09 Jan 2020 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0109WBSD01

Tot Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	54.2	43.8	65.6
119	31.9	25.8	38.6

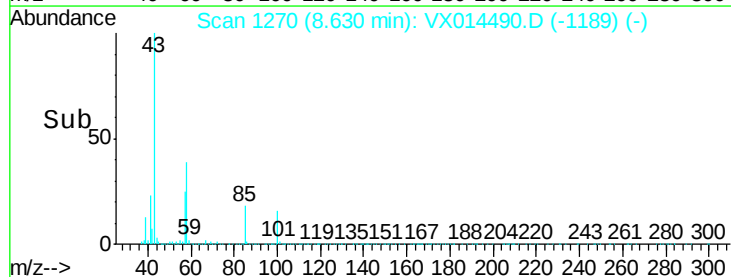
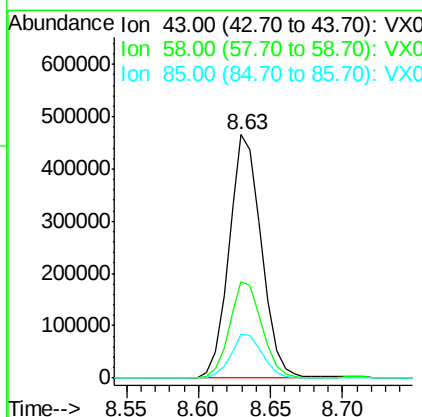
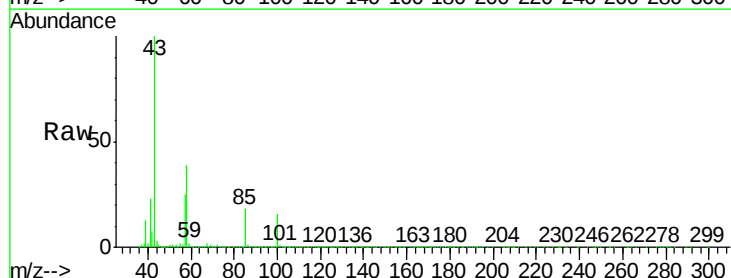
Manual Integrations
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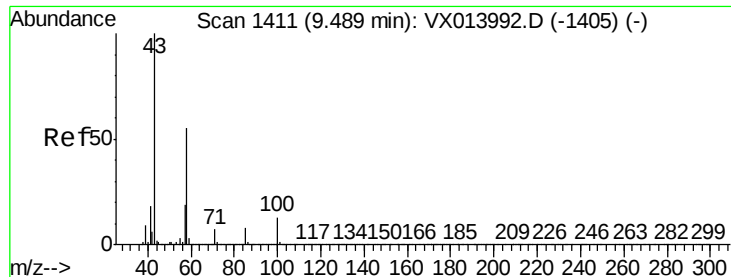
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#58
4-Methyl-2-Pentanone
Concen: 100.246 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX014490.D
Acq: 09 Jan 2020 11:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
43	100		
58	39.3	31.2	46.8
85	17.7	14.2	21.2





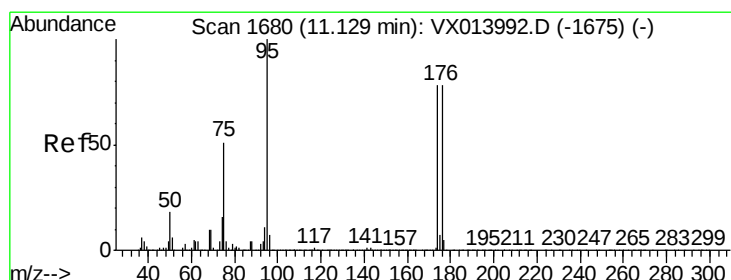
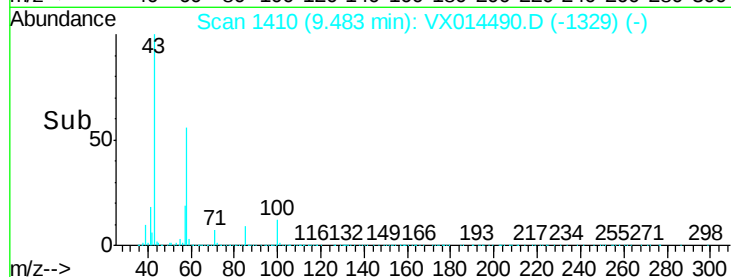
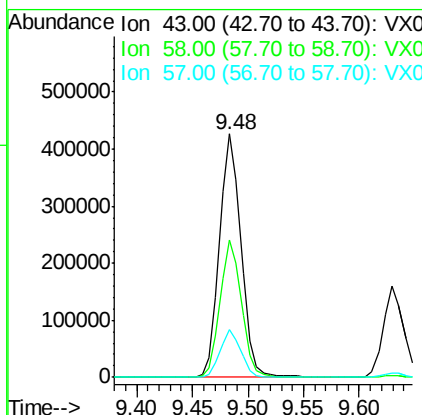
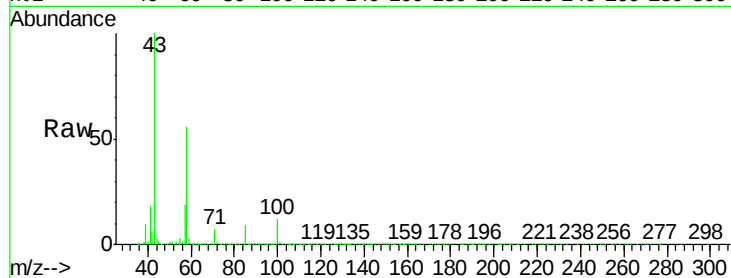
#59
2-Hexanone
Concen: 103.397 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014490.D
Acq: 09 Jan 2020 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0109WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.7	43.8	65.6
57	18.8	15.4	23.0

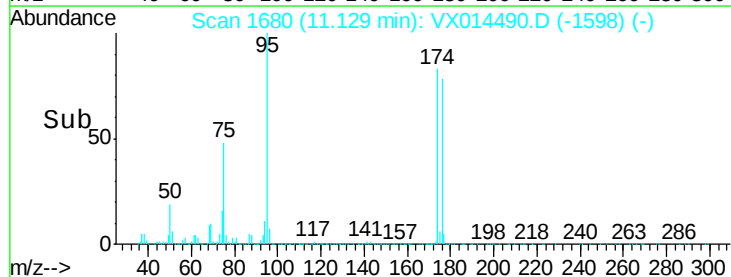
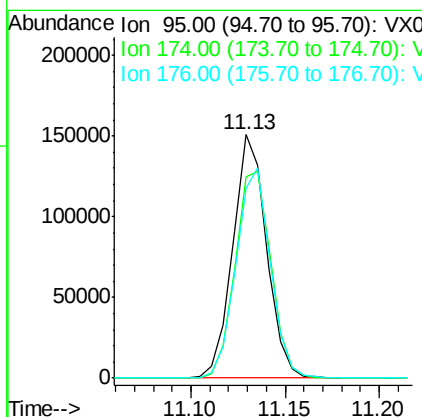
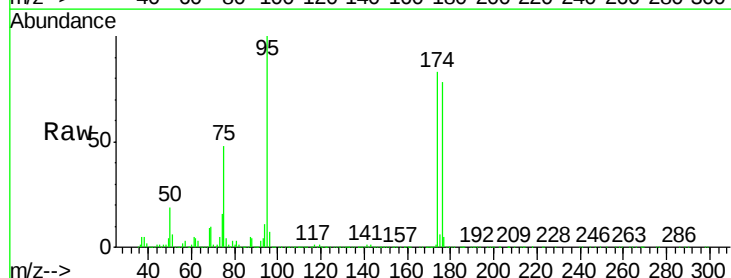
Manual Integrations
APPROVED

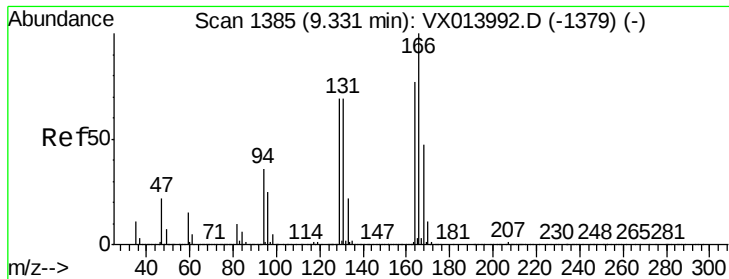
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#60
4-Bromofluorobenzene
Concen: 29.661 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX014490.D
Acq: 09 Jan 2020 11:43

Tgt Ion	Ratio	Lower	Upper
95	100		
174	90.1	70.2	105.2
176	88.1	68.3	102.5





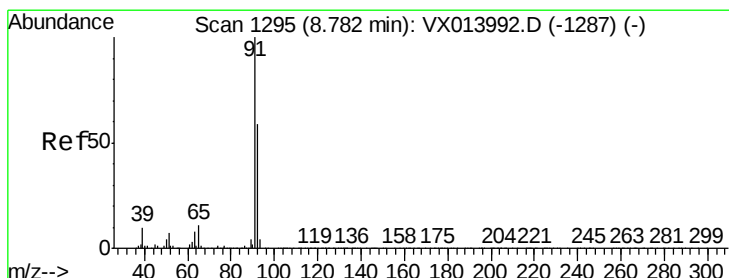
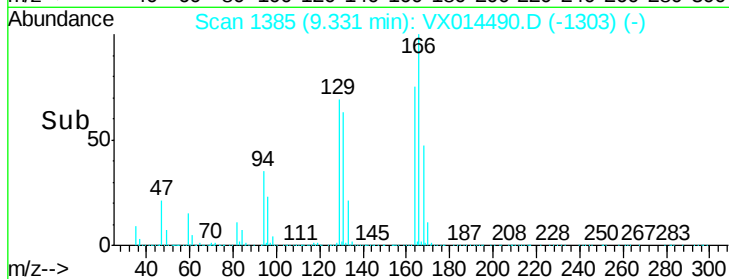
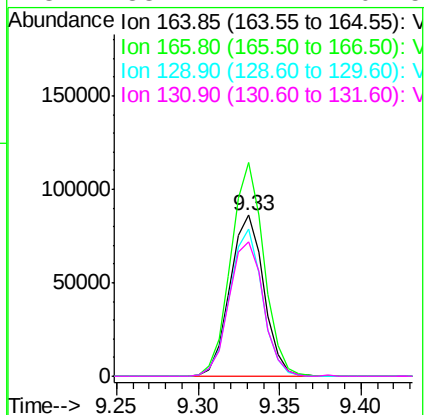
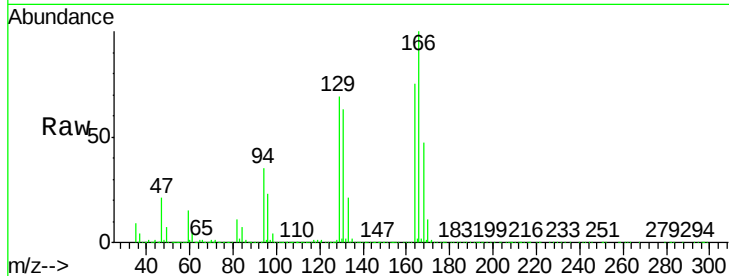
#61
Tetrachloroethene
Concen: 23.977 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014490.D
Acq: 09 Jan 2020 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0109WBSD01

Tot Ion	Ratio	Lower	Upper
164	100		
166	132.8	104.2	156.2
129	91.7	71.6	107.4
131	83.7	71.7	107.5

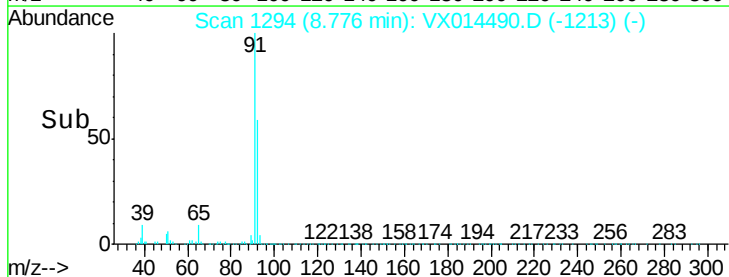
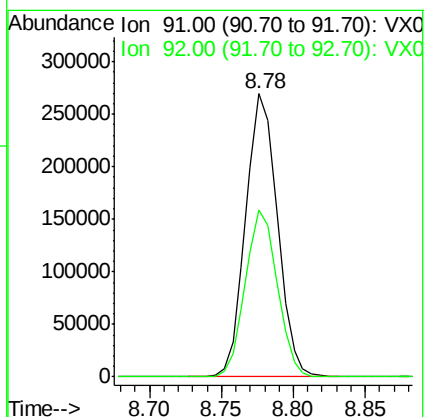
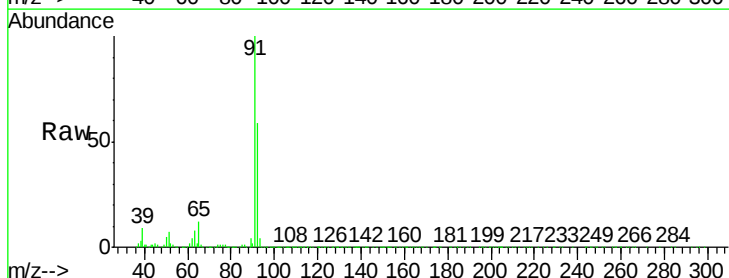
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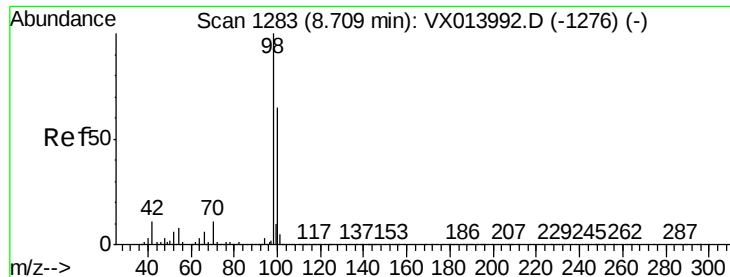
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#62
Toluene
Concen: 19.835 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX014490.D
Acq: 09 Jan 2020 11:43

Tgt Ion	Ratio	Lower	Upper
91	100		
92	59.1	46.4	69.6





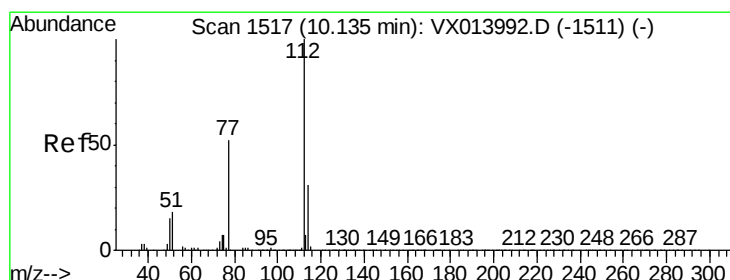
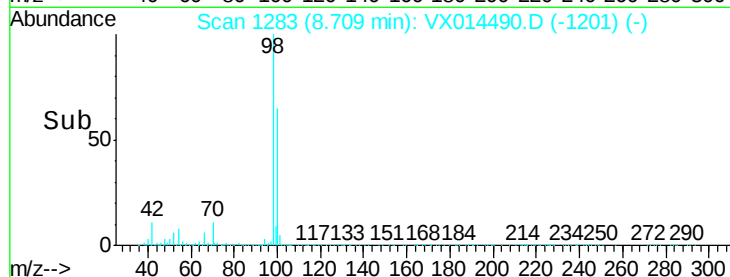
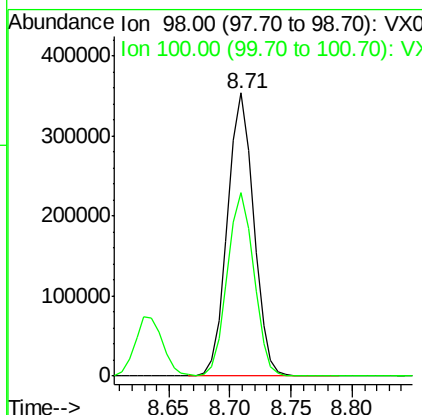
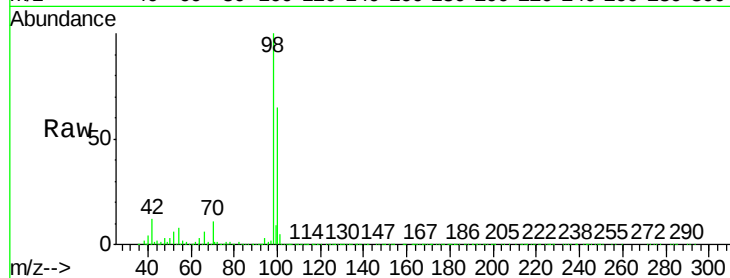
#63
Toluene-d8
Concen: 30.126 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014490.D
Acq: 09 Jan 2020 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0109WBSD01

Tot Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.2	78.2

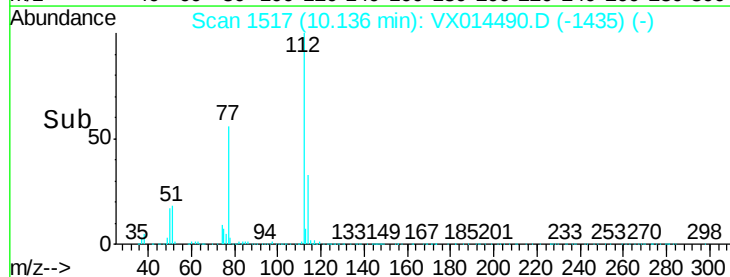
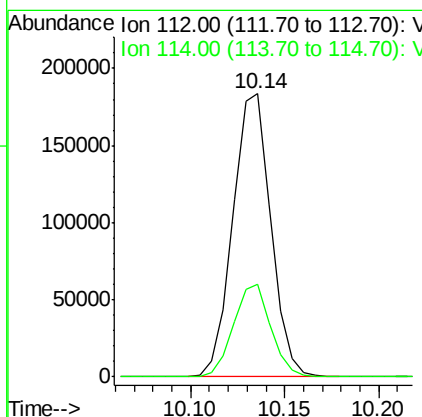
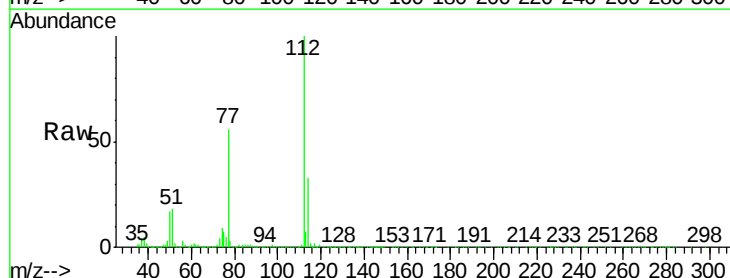
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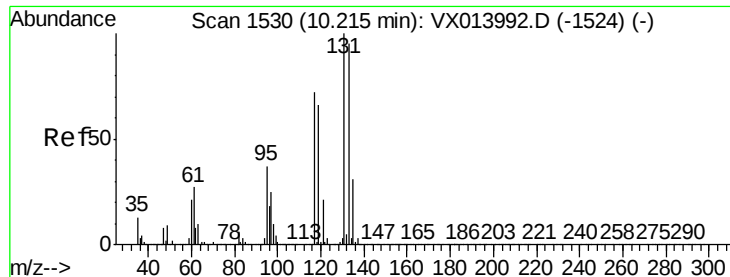
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#64
Chlorobenzene
Concen: 19.762 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX014490.D
Acq: 09 Jan 2020 11:43

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.6	24.4	36.6





#65

1,1,1,2-Tetrachloroethane

Concen: 19.560 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014490.D

Acq: 09 Jan 2020 11:43

Instrument :

MSVOA_X

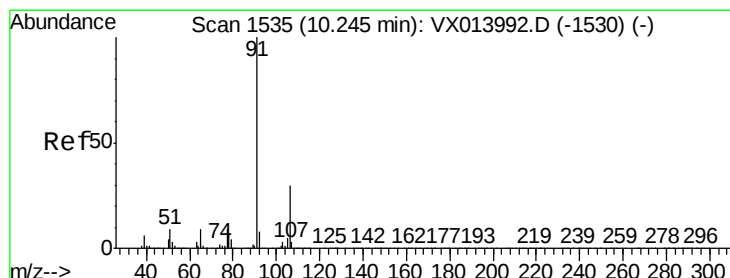
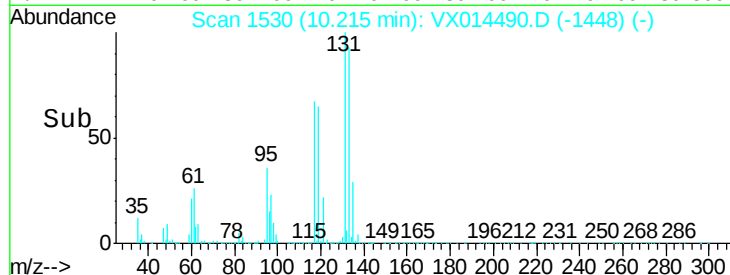
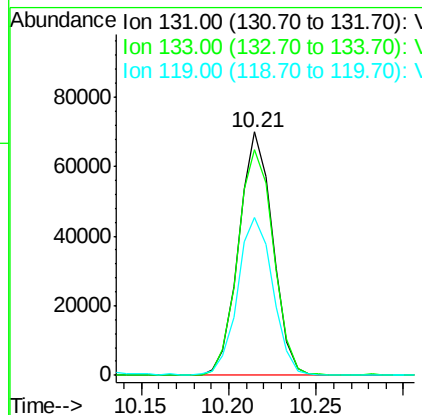
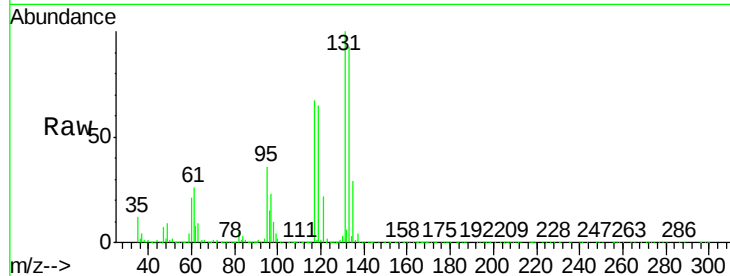
ClientSampleId :

VX0109WBSD01

Tot Ion	Ratio	Lower	Upper
131	100		
133	97.0	0.0	189.8
119	67.1	0.0	132.2

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#66

Ethyl Benzene

Concen: 20.139 ug/l

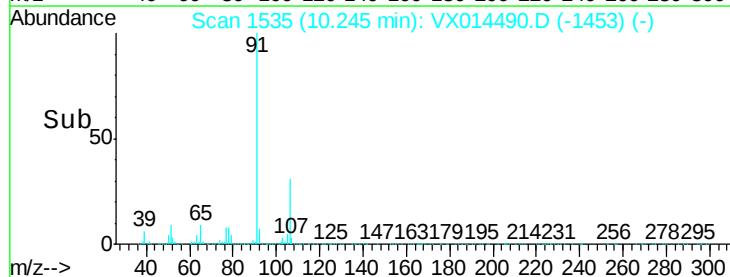
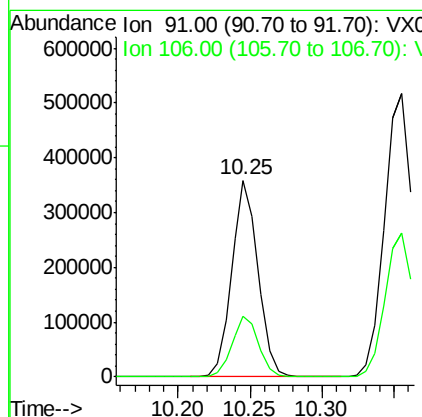
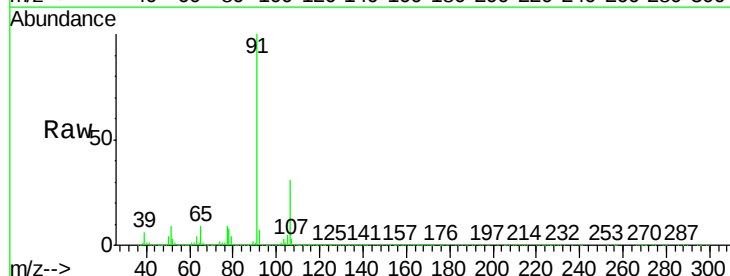
RT: 10.25 min Scan# 1535

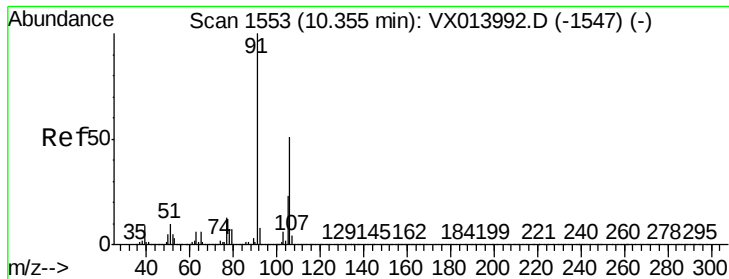
Delta R.T. 0.00 min

Lab File: VX014490.D

Acq: 09 Jan 2020 11:43

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.8	24.2	36.2





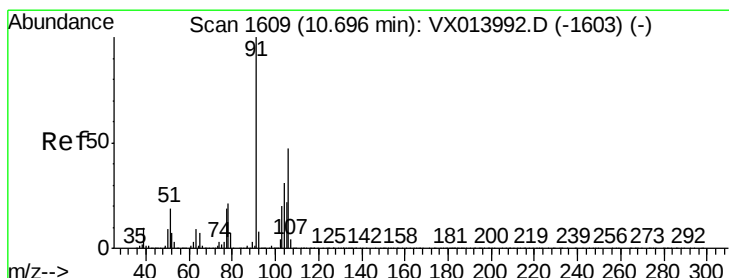
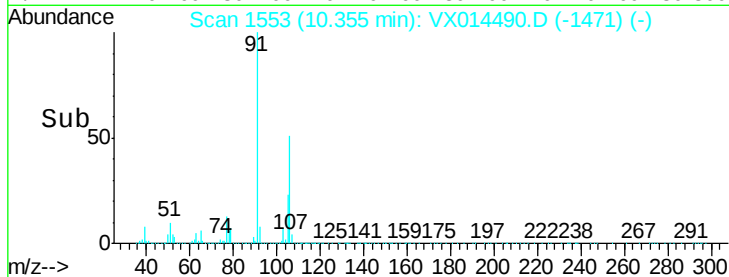
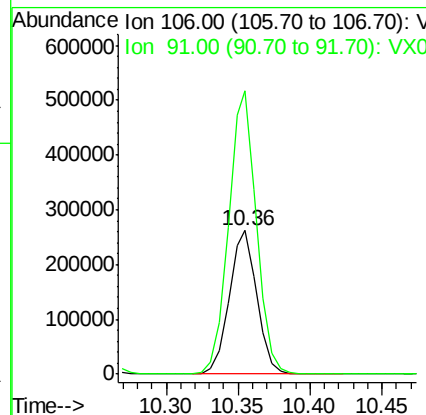
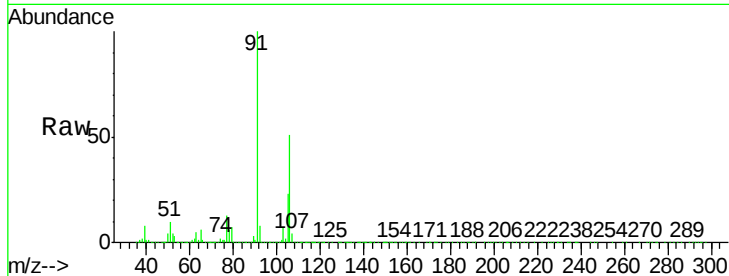
#67
m/p-Xylenes
Concen: 40.624 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014490.D
Acq: 09 Jan 2020 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0109WBSD01

Tot Ion	Ratio	Lower	Upper
106	100		
91	196.5	159.3	238.9

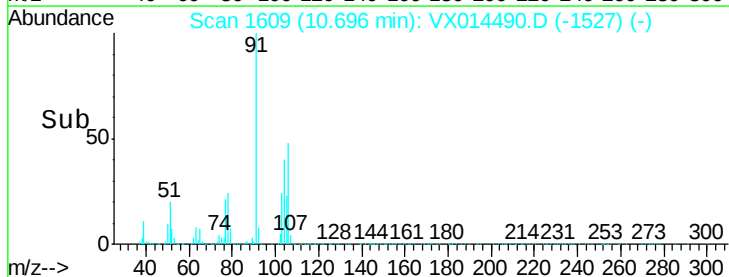
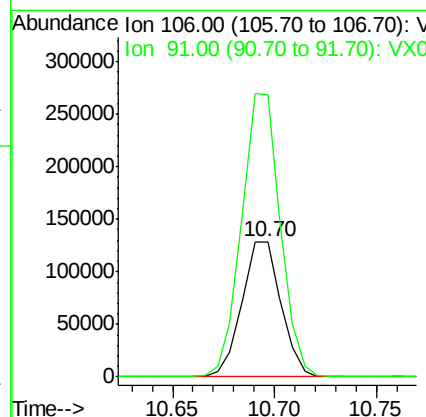
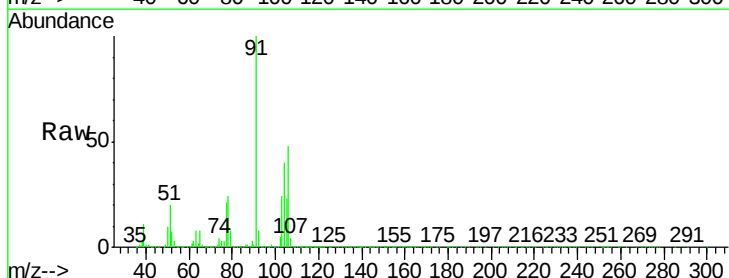
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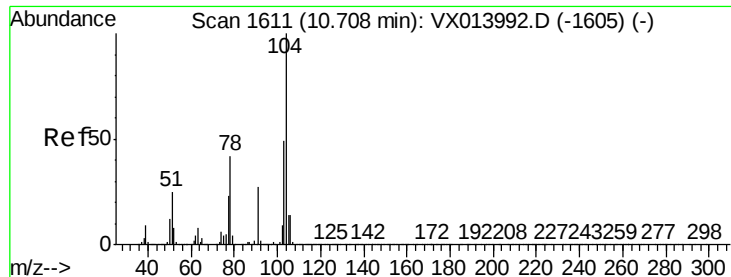
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#68
o-Xylene
Concen: 19.903 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014490.D
Acq: 09 Jan 2020 11:43

Tgt Ion	Ratio	Lower	Upper
106	100		
91	206.6	104.8	314.6





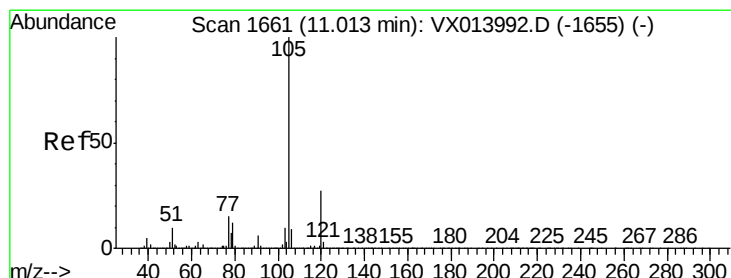
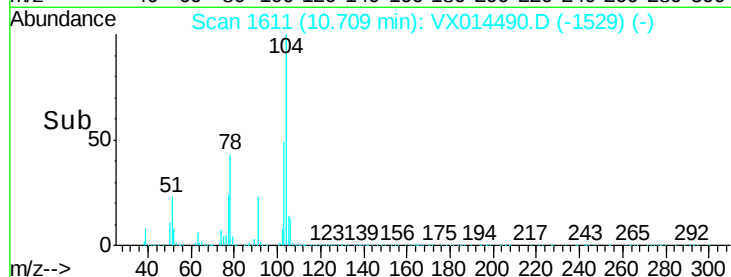
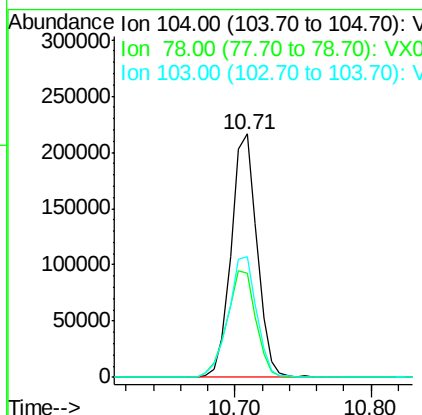
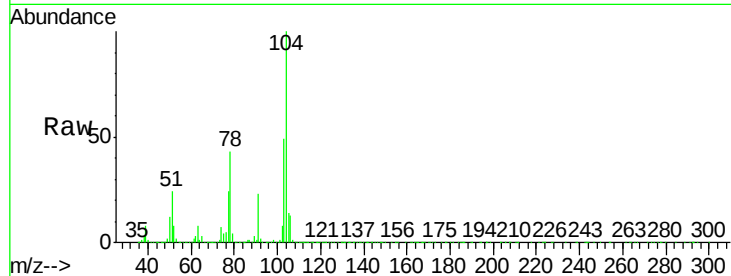
#69
Stvrene
Concen: 19.552 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014490.D
Acq: 09 Jan 2020 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0109WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
104	100		285905		
78	48.7	38.9	58.3		
103	54.1	44.2	66.2		

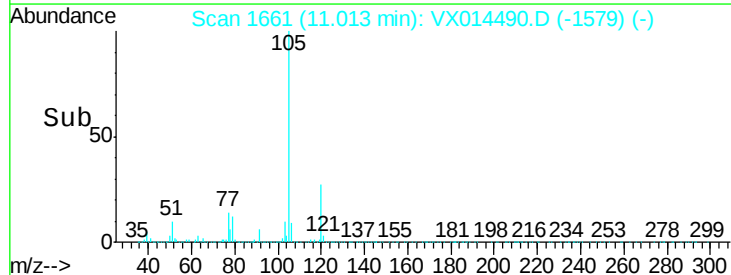
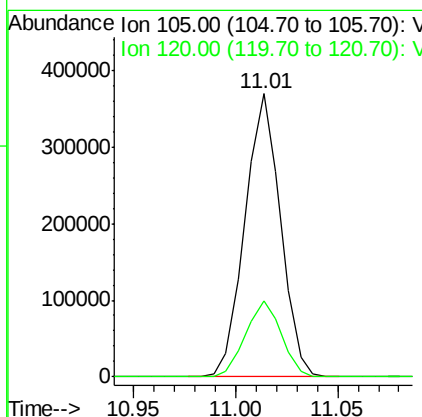
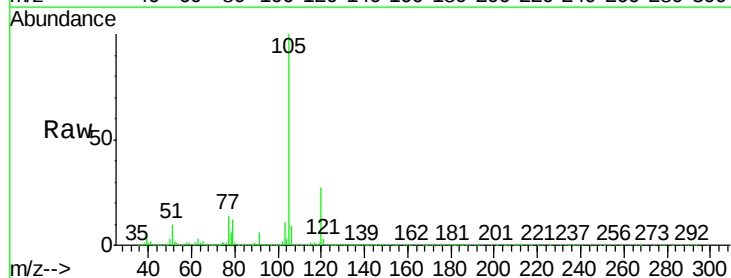
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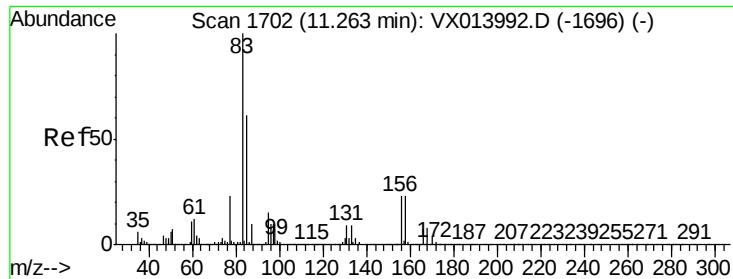
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#70
Isopropylbenzene
Concen: 20.170 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX014490.D
Acq: 09 Jan 2020 11:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		448194		
120	27.1	19.1	35.5		





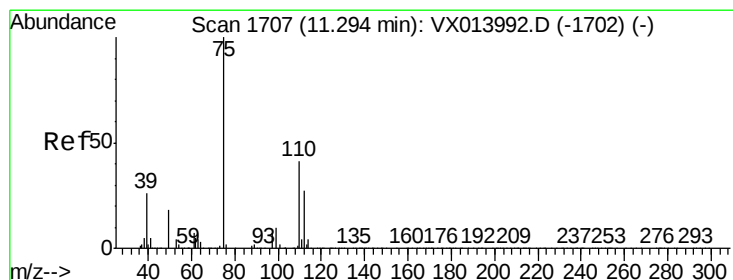
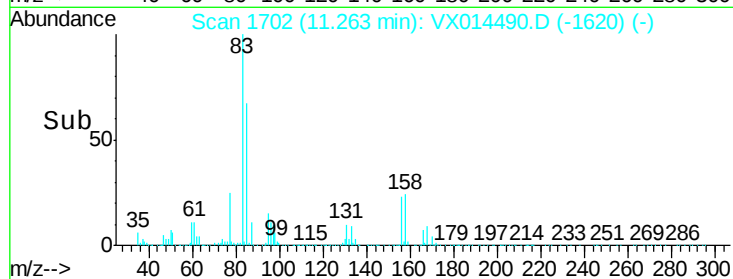
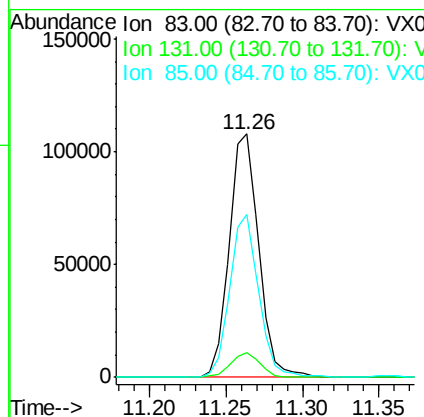
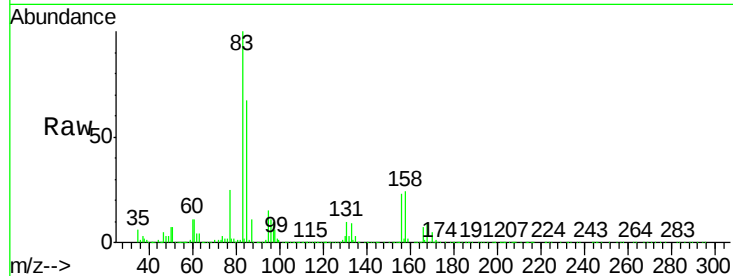
#71
 1,1,2,2-Tetrachloroethane
 Concen: 18.155 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: VX014490.D
 Acq: 09 Jan 2020 11:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0109WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
131	9.9	4.9	14.7
85	66.0	31.6	94.7

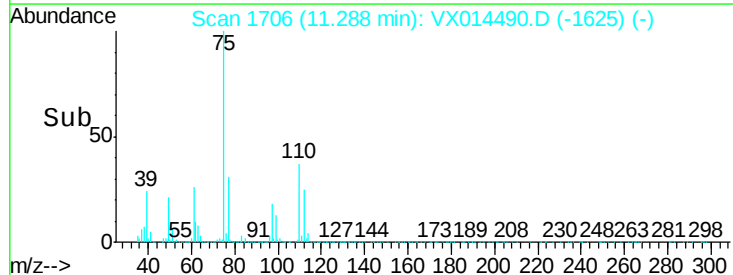
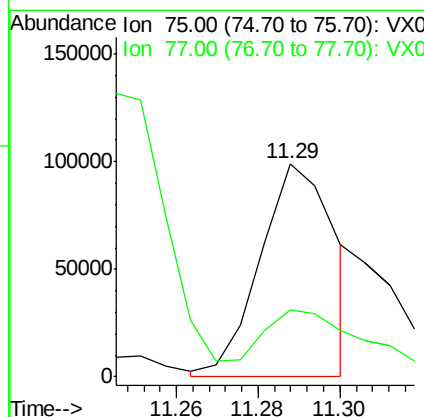
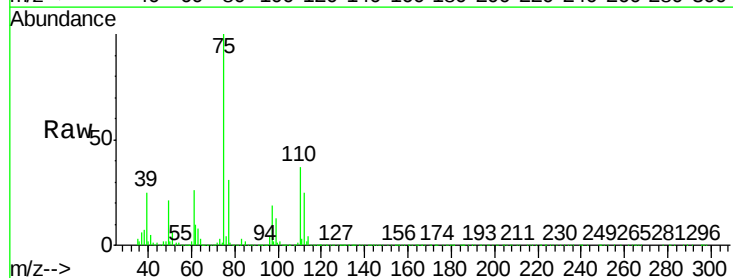
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#72
 1,2,3-Trichloropropane
 Concen: 17.834 ug/l m
 RT: 11.29 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX014490.D
 Acq: 09 Jan 2020 11:43

Tgt Ion	Ratio	Lower	Upper
75	100		
77	44.7	0.0	68.4





#73

Bromobenzene

Concen: 19.964 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014490.D

Acq: 09 Jan 2020 11:43

Instrument :

MSVOA_X

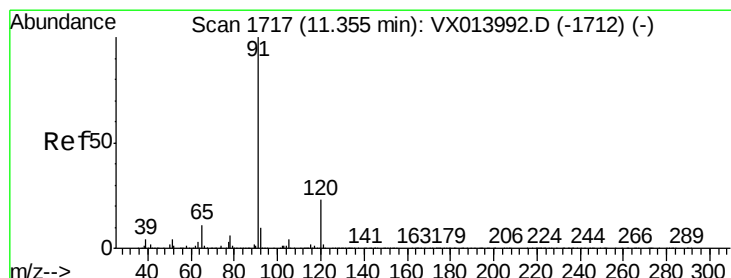
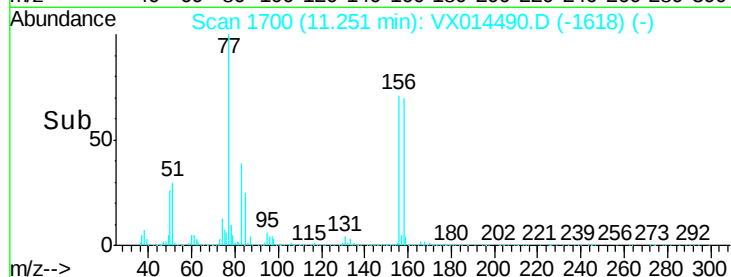
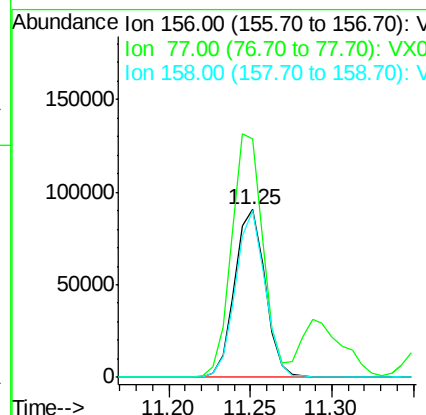
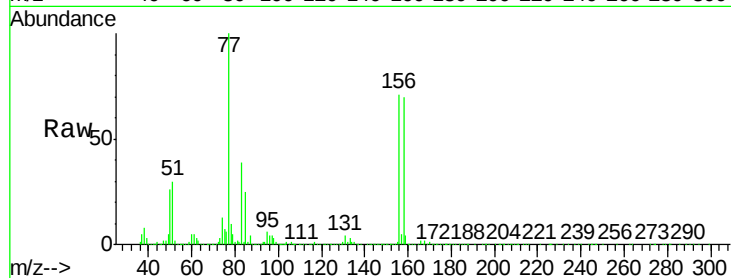
ClientSampleId :

VX0109WBSD01

Tot Ion:	156	Resp:	118426
Ion Ratio	Lower	Upper	
156	100		
77	147.4	0.0	304.6
158	95.9	0.0	195.2

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#74

n-propylbenzene

Concen: 20.366 ug/l

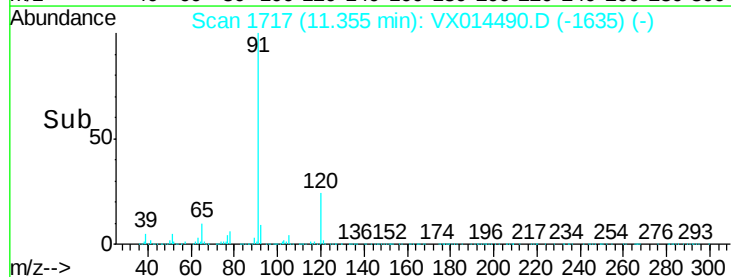
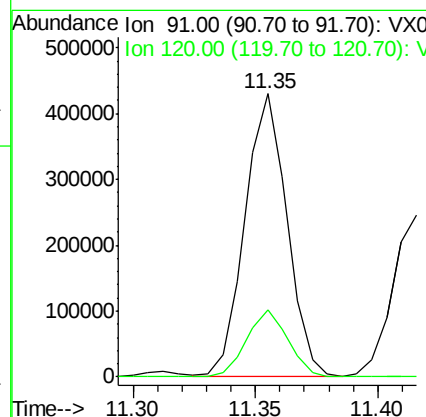
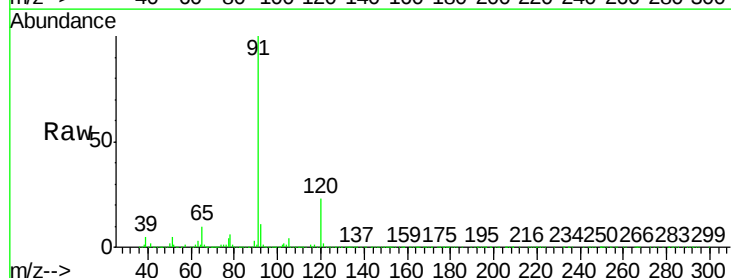
RT: 11.35 min Scan# 1717

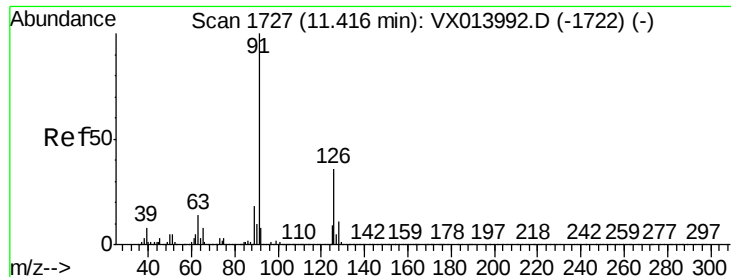
Delta R.T. 0.00 min

Lab File: VX014490.D

Acq: 09 Jan 2020 11:43

Tgt Ion:	91	Resp:	513313
Ion Ratio	Lower	Upper	
91	100		
120	23.1	0.0	44.8





#75

2-Chlorotoluene

Concen: 20.083 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014490.D

Acq: 09 Jan 2020 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0109WBSD01

Tot Ion: 91 Resp: 305847

Ion Ratio Lower Upper

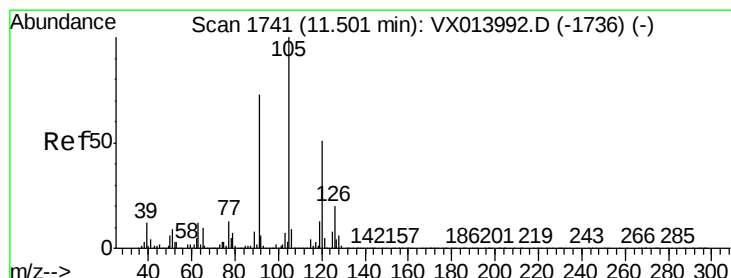
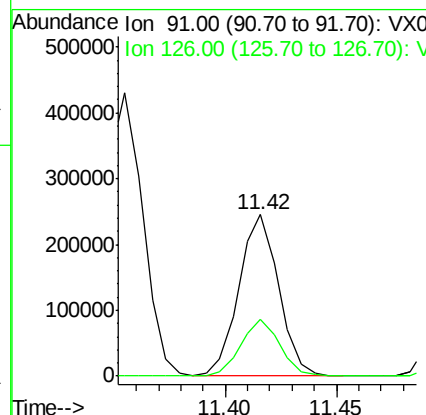
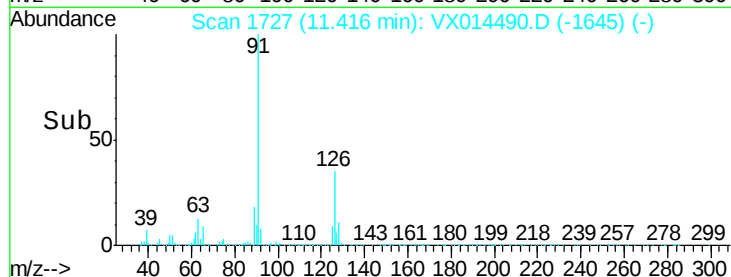
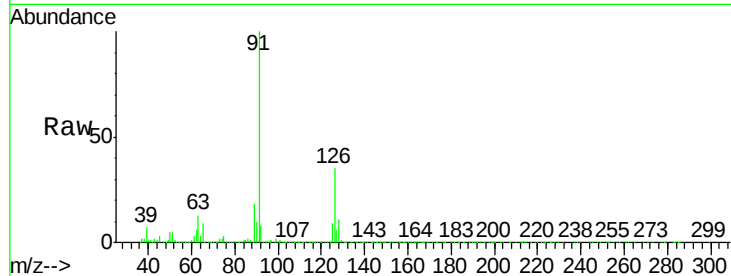
91 100

126 34.2 0.0 70.8

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#76

1,3,5-Trimethylbenzene

Concen: 19.945 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014490.D

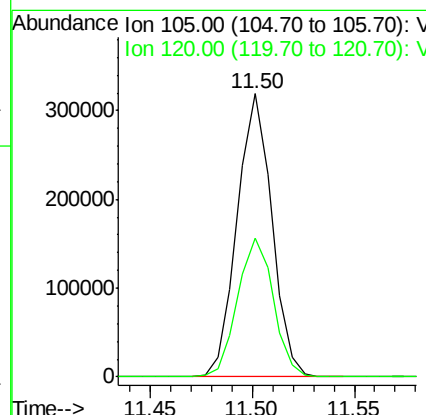
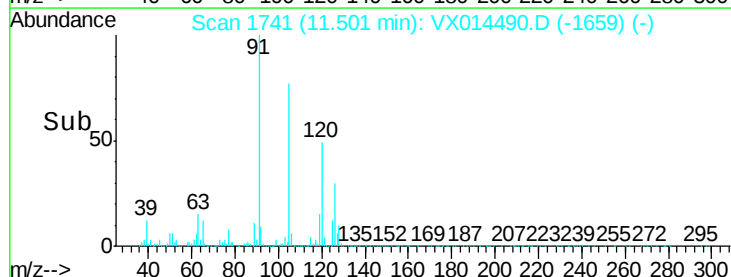
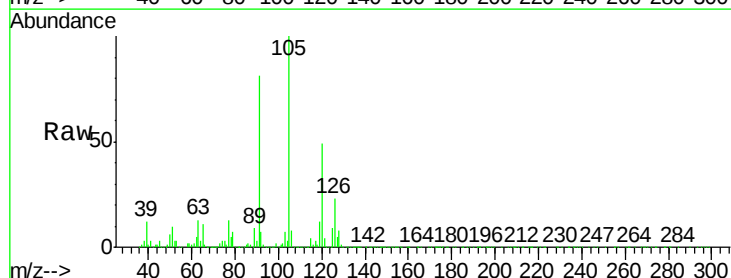
Acq: 09 Jan 2020 11:43

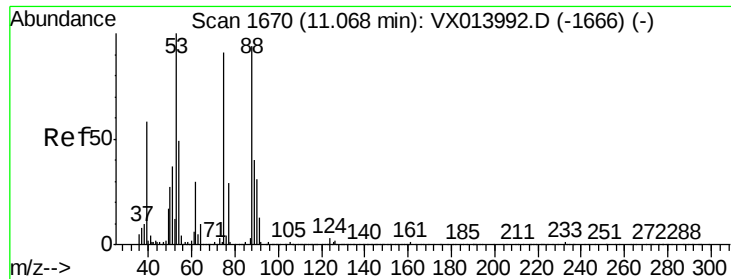
Tgt Ion: 105 Resp: 375965

Ion Ratio Lower Upper

105 100

120 50.4 0.0 100.6





#77

t-1,4-Dichloro-2-butene

Concen: 20.236 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014490.D

Acq: 09 Jan 2020 11:43

Instrument :

MSVOA_X

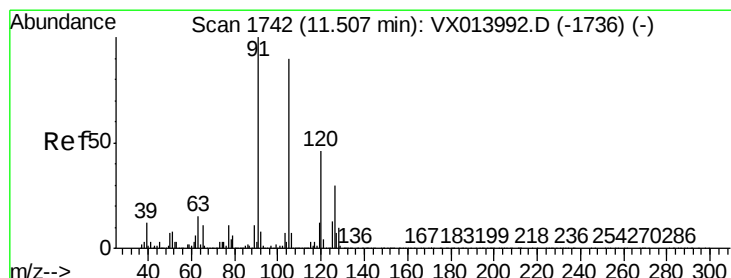
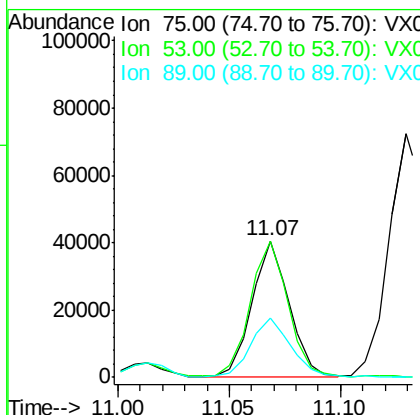
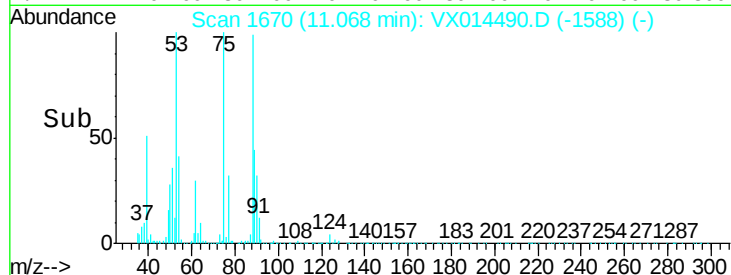
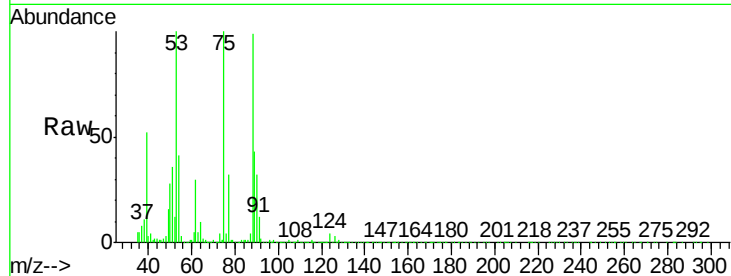
ClientSampleId :

VX0109WBSD01

Tot Ion:	75	Resp:	46873
Ion	Ratio	Lower	Upper
75	100		
53	99.6	54.4	163.1
89	42.7	21.9	65.5

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#78

4-Chlorotoluene

Concen: 19.877 ug/l

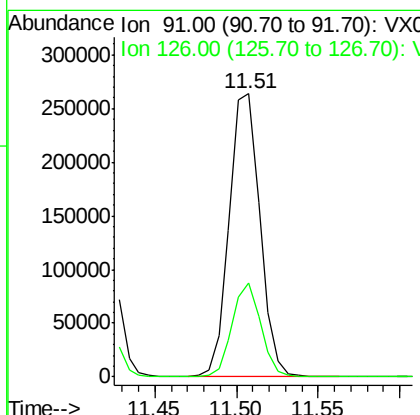
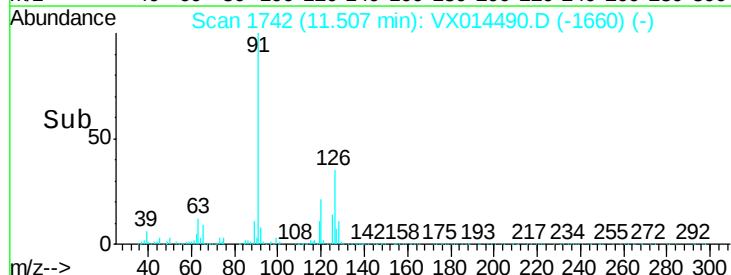
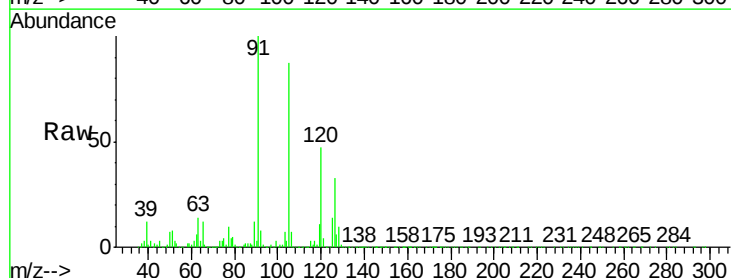
RT: 11.51 min Scan# 1742

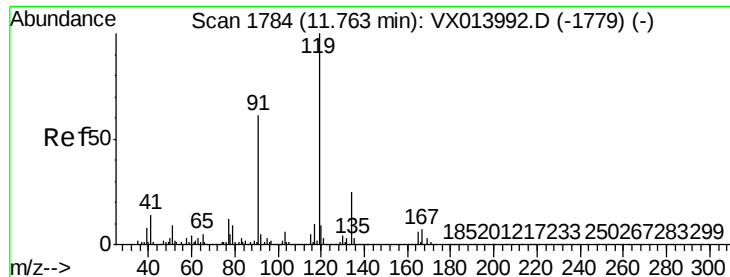
Delta R.T. 0.00 min

Lab File: VX014490.D

Acq: 09 Jan 2020 11:43

Tgt Ion:	91	Resp:	345897
Ion	Ratio	Lower	Upper
91	100		
126	30.8	0.0	59.6





#79

tert-butylbenzene

Concen: 19.087 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014490.D

Acq: 09 Jan 2020 11:43

Instrument :

MSVOA_X

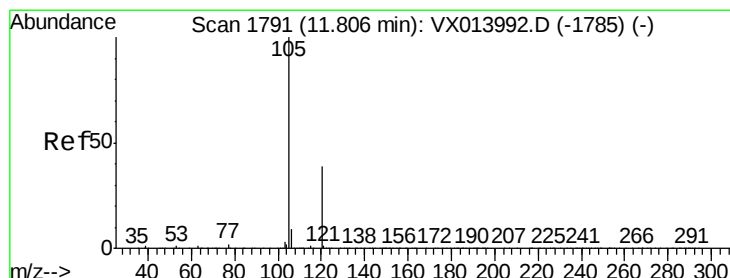
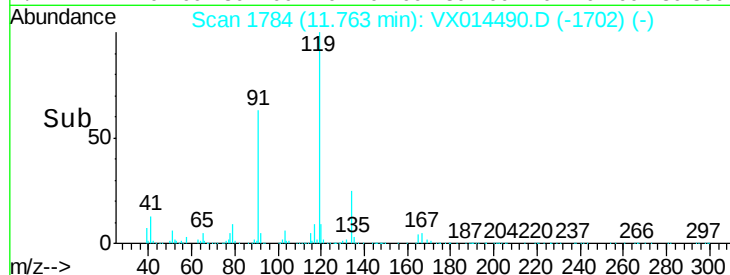
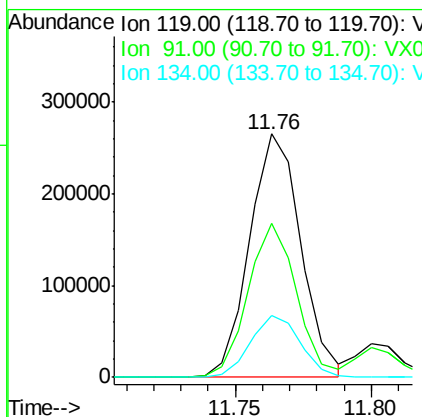
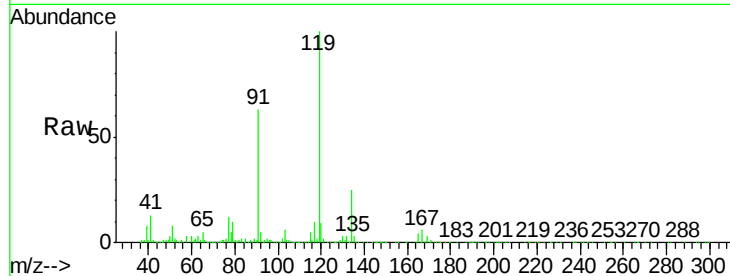
ClientSampled :

VX0109WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
119	100		346811		
91	59.9	0.0	112.6		
134	24.9	0.0	49.8		

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#80

1,2,4-Trimethylbenzene

Concen: 19.798 ug/l

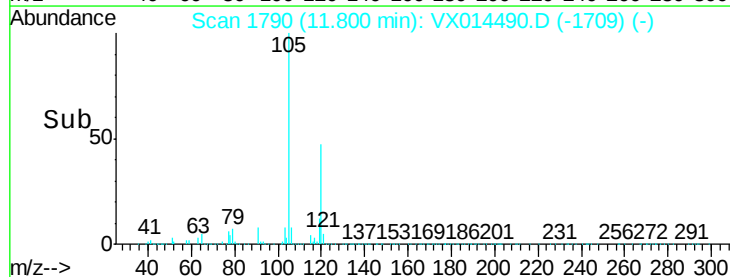
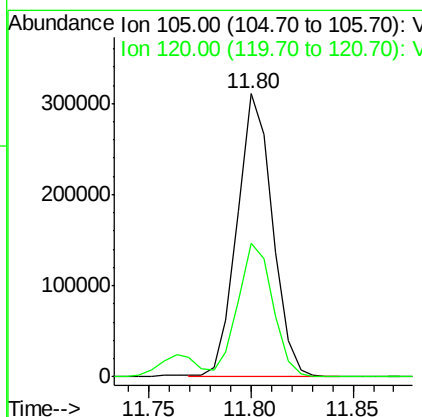
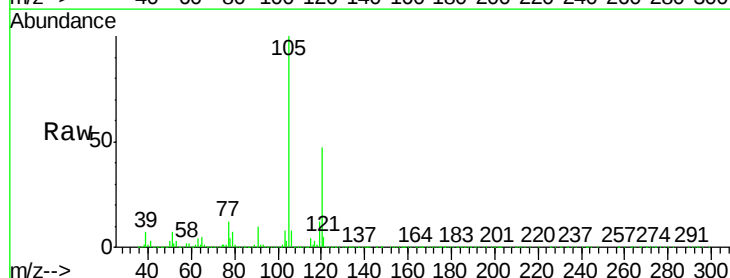
RT: 11.80 min Scan# 1790

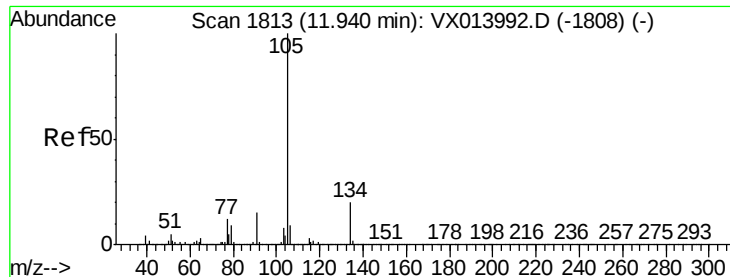
Delta R.T. -0.01 min

Lab File: VX014490.D

Acq: 09 Jan 2020 11:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		373174		
120	46.6	0.0	92.0		





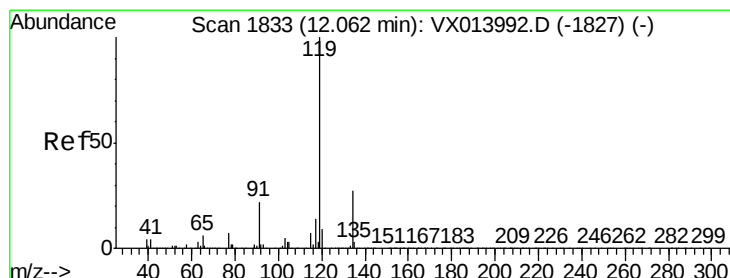
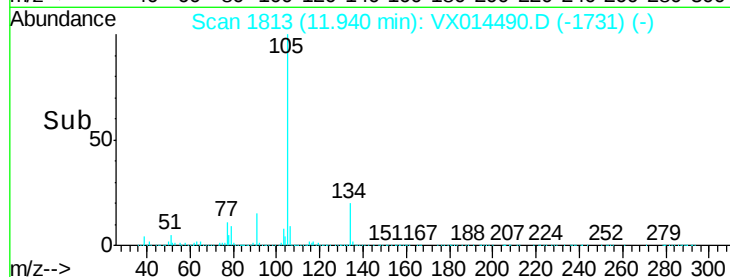
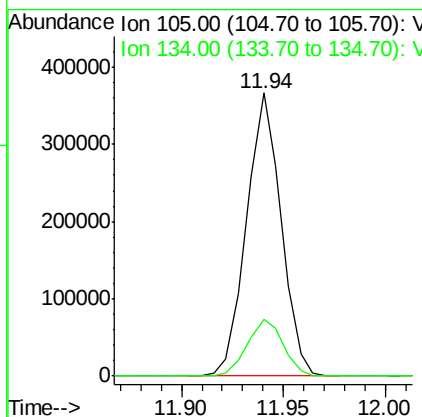
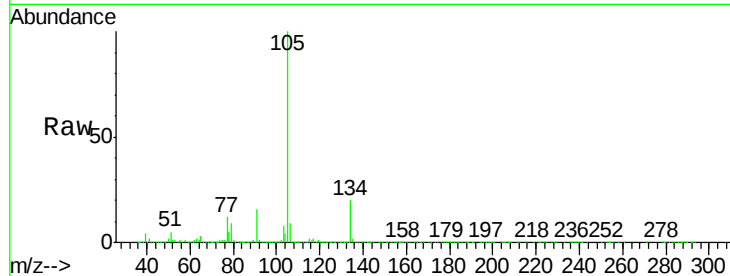
#81
 sec-Butylbenzene
 Concen: 19.964 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014490.D
 Acq: 09 Jan 2020 11:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0109WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	431458		
134	20.9	0.0	40.2	

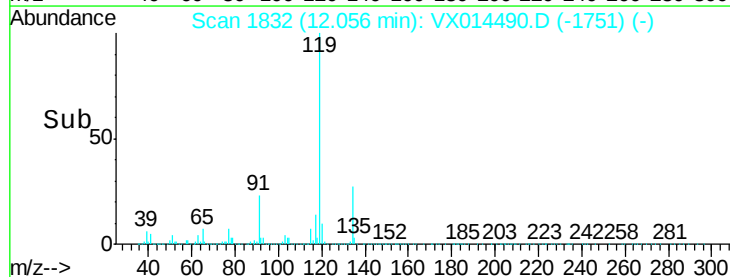
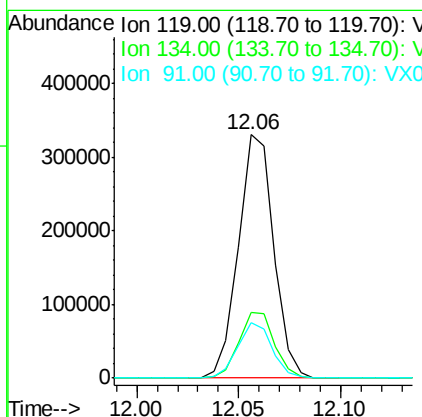
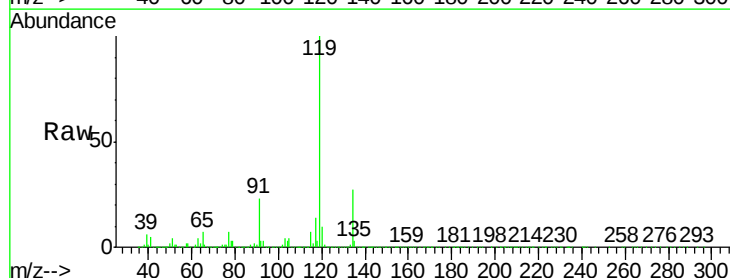
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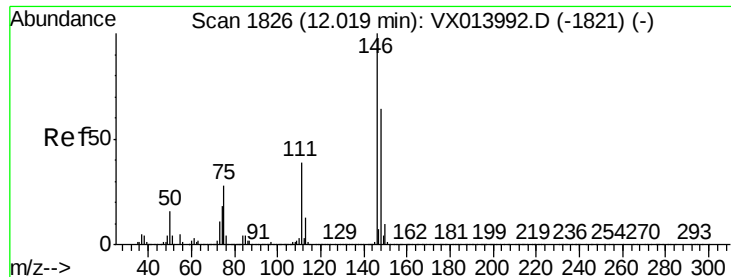
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#82
 p-Isopropyltoluene
 Concen: 20.321 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX014490.D
 Acq: 09 Jan 2020 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	396315		
134	27.1	0.0	53.8	
91	22.1	0.0	45.0	





#83

1,3-Dichlorobenzene

Concen: 20.098 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014490.D

Acq: 09 Jan 2020 11:43

Instrument :

MSVOA_X

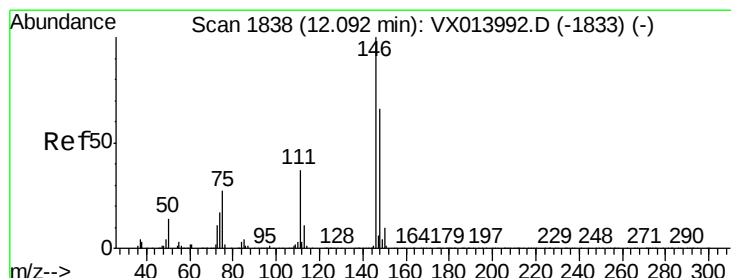
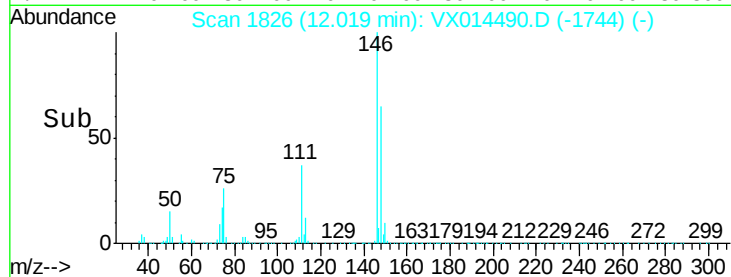
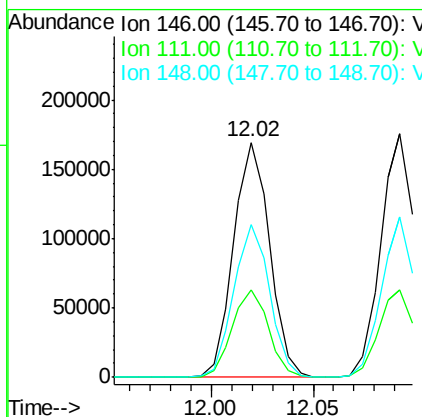
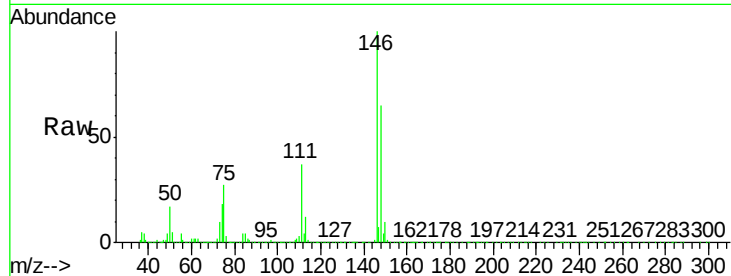
ClientSampleId :

VX0109WBSD01

Tot Ion:	146	Resp:	207801
Ion Ratio	Lower	Upper	
146	100		
111	37.5	19.3	57.9
148	64.4	32.2	96.6

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#84

1,4-Dichlorobenzene

Concen: 20.229 ug/l

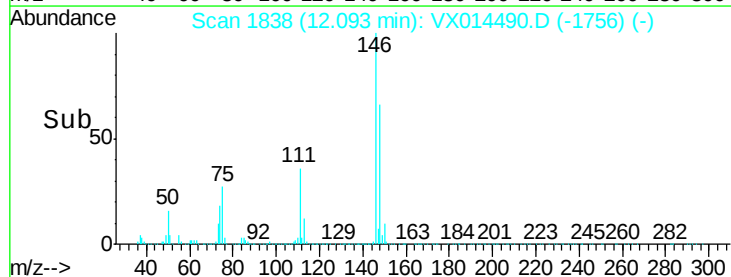
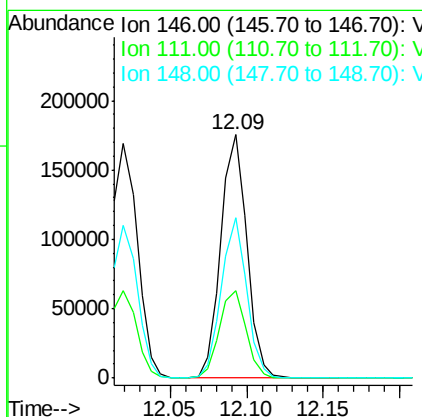
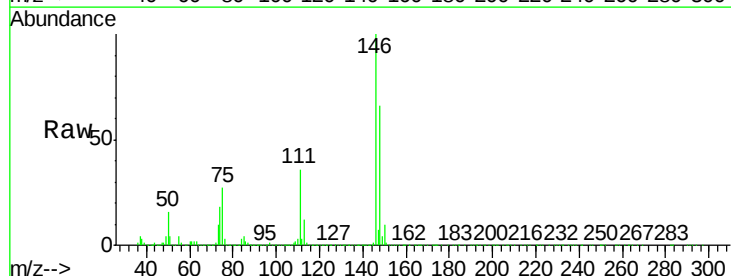
RT: 12.09 min Scan# 1838

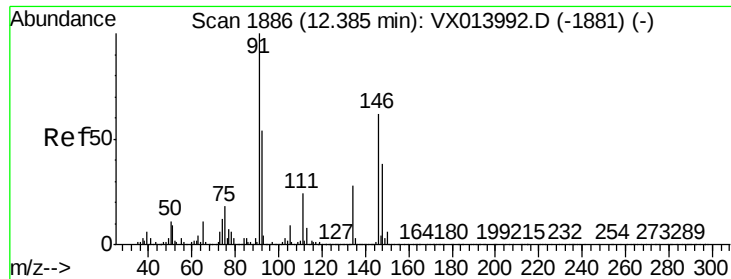
Delta R.T. 0.00 min

Lab File: VX014490.D

Acq: 09 Jan 2020 11:43

Tgt Ion:	146	Resp:	208267
Ion Ratio	Lower	Upper	
146	100		
111	36.7	18.4	55.4
148	63.9	32.0	96.0





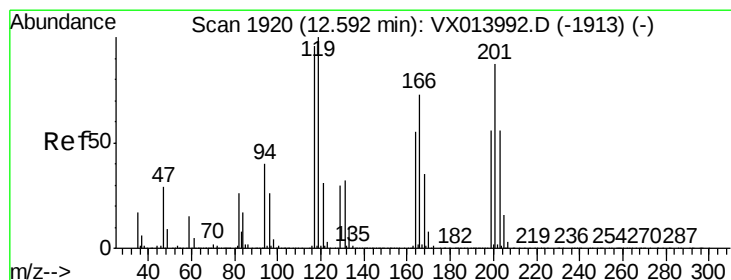
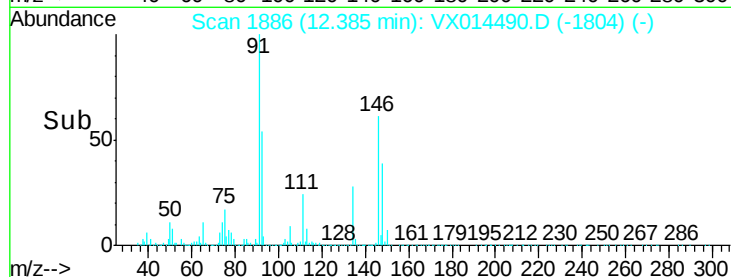
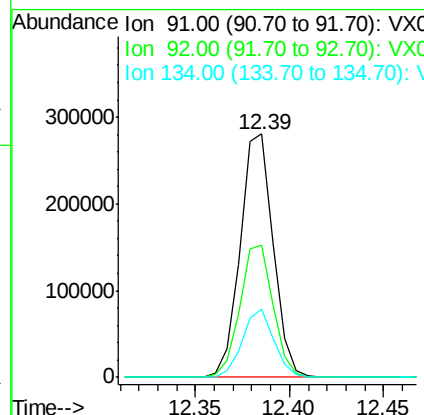
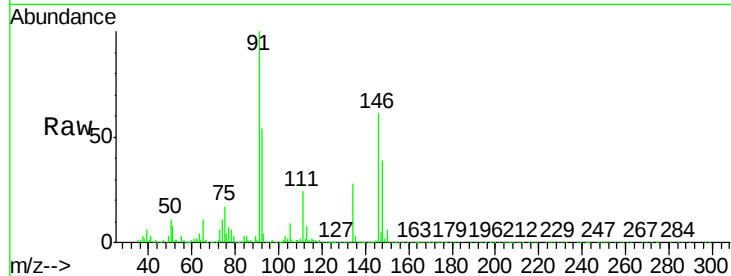
#85
n-Butylbenzene
Concen: 20.725 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014490.D
Acq: 09 Jan 2020 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0109WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	54.5	0.0	109.0	
134	26.7	0.0	54.0	

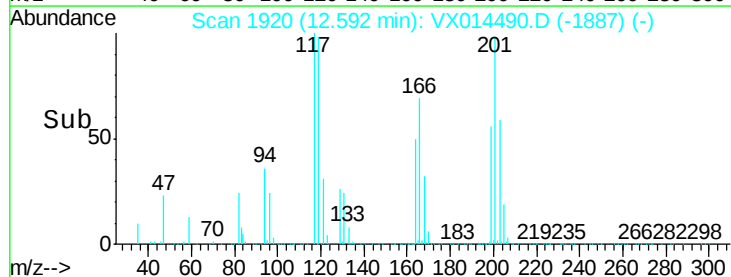
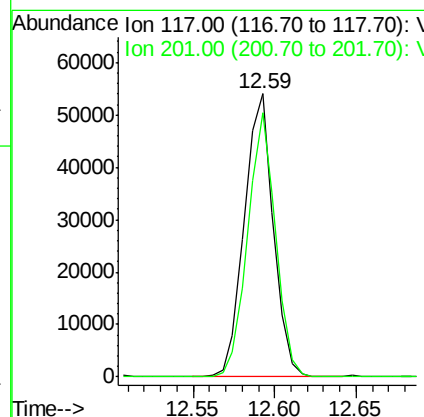
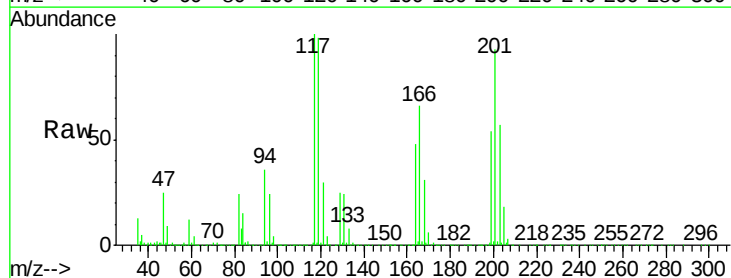
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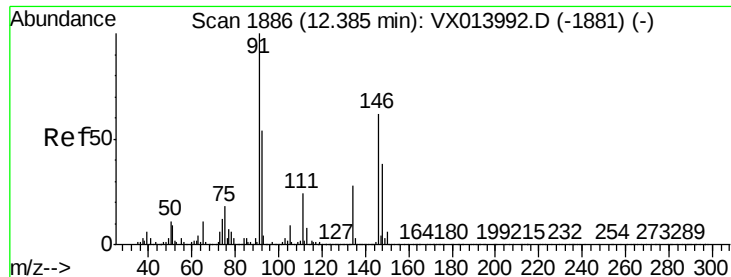
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#86
Hexachloroethane
Concen: 18.878 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014490.D
Acq: 09 Jan 2020 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	90.3	44.8	134.3	





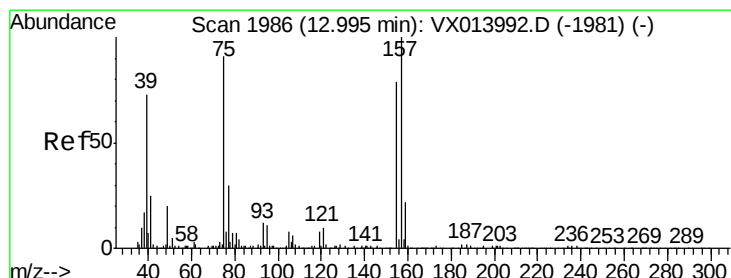
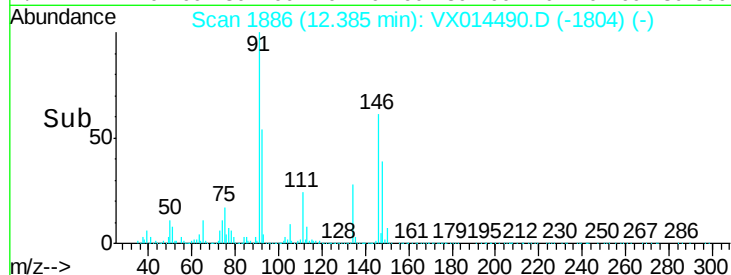
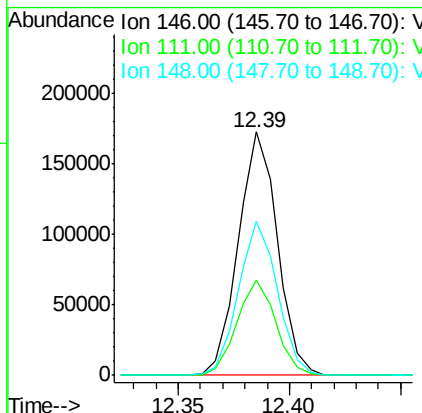
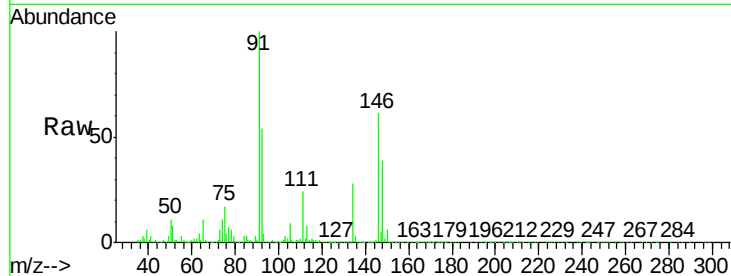
#87
 1,2-Dichlorobenzene
 Concen: 20.086 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014490.D
 Acq: 09 Jan 2020 11:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0109WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	20.1	60.2
148	62.9	32.0	96.2

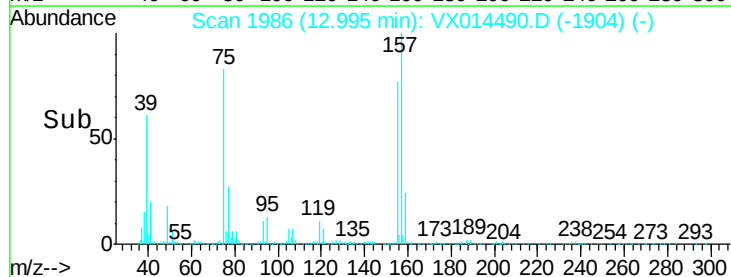
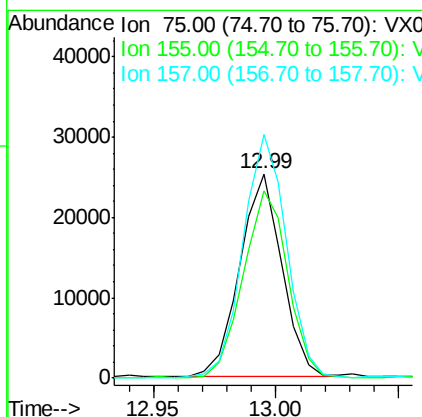
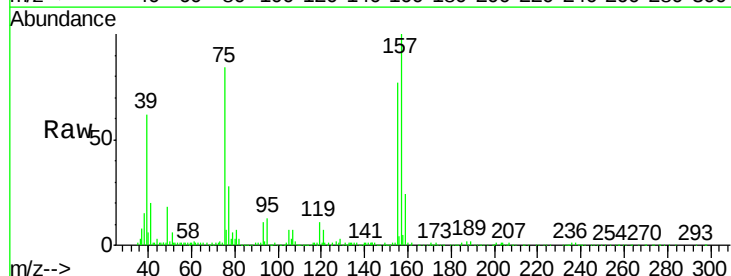
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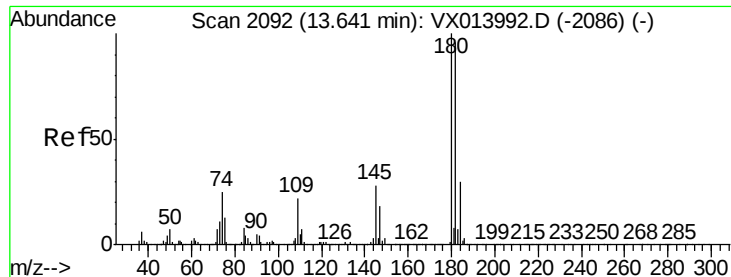
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.141 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014490.D
 Acq: 09 Jan 2020 11:43

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.0	73.8	110.6
157	124.8	95.0	142.4





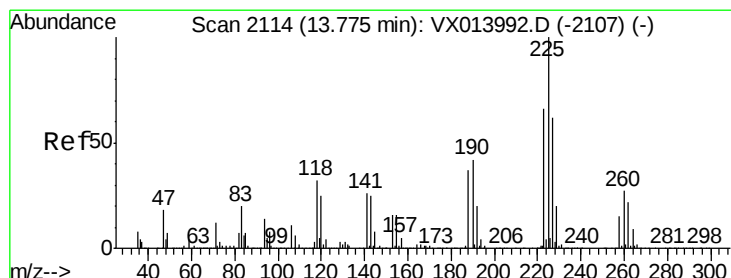
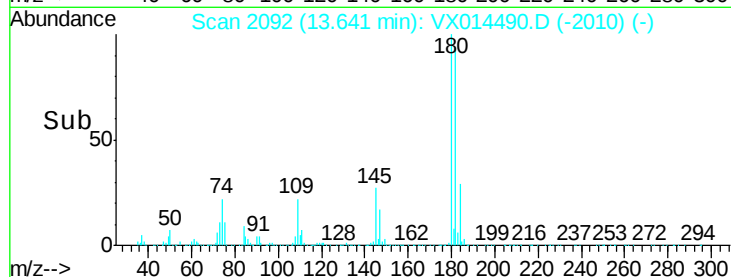
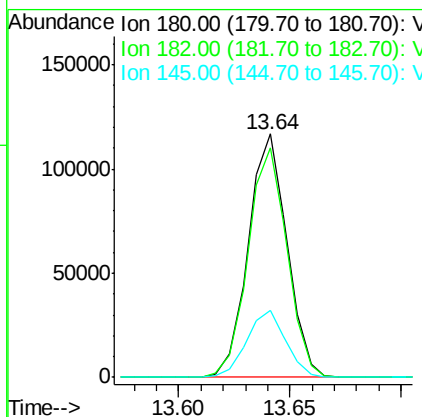
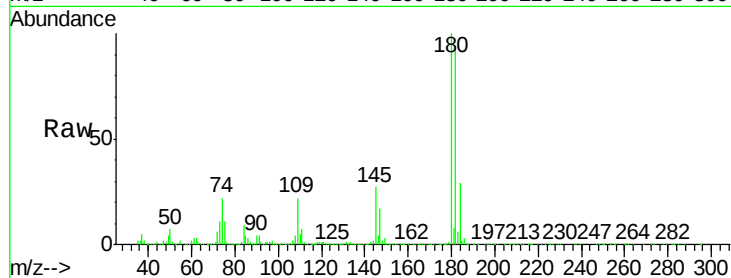
#89
1,2,4-Trichlorobenzene
Concen: 21.112 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX014490.D
Acq: 09 Jan 2020 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0109WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	141701		
182	94.5	76.4	114.6	
145	28.1	21.9	32.9	

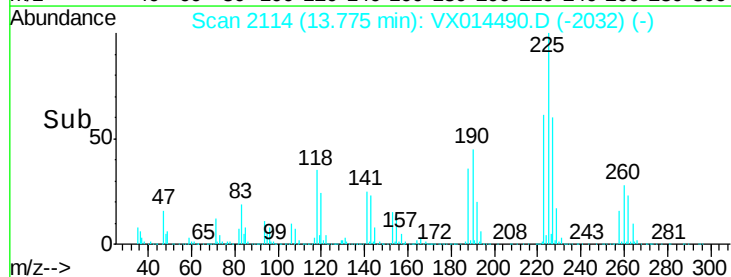
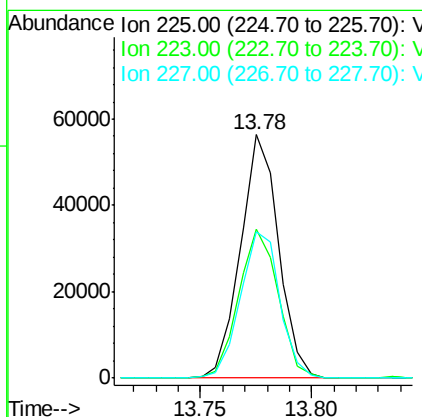
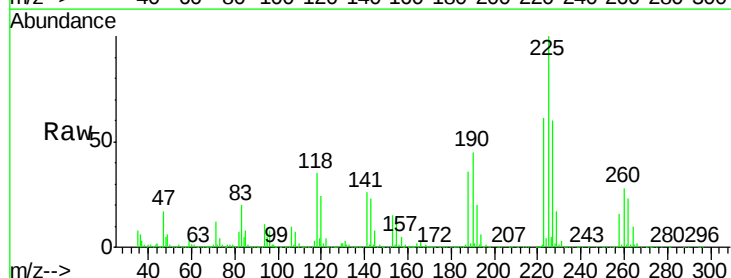
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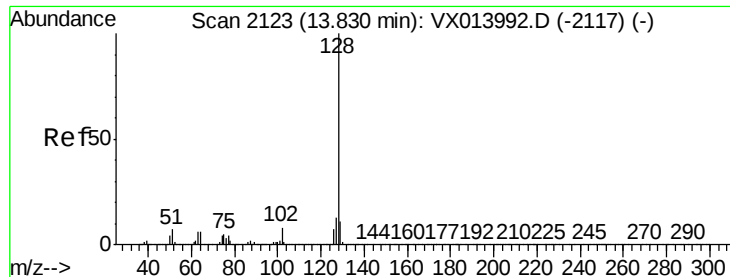
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#90
Hexachlorobutadiene
Concen: 21.153 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX014490.D
Acq: 09 Jan 2020 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	67487		
223	63.3	0.0	127.4	
227	62.4	0.0	122.8	





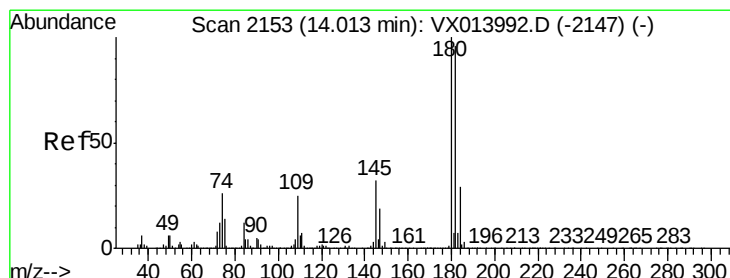
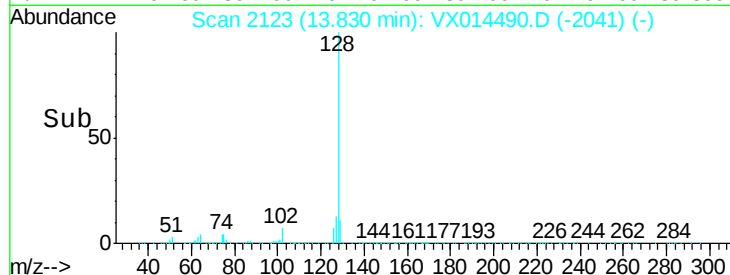
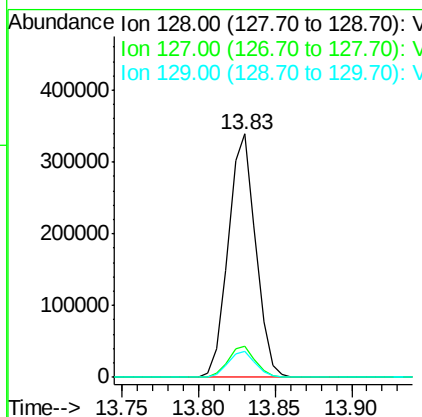
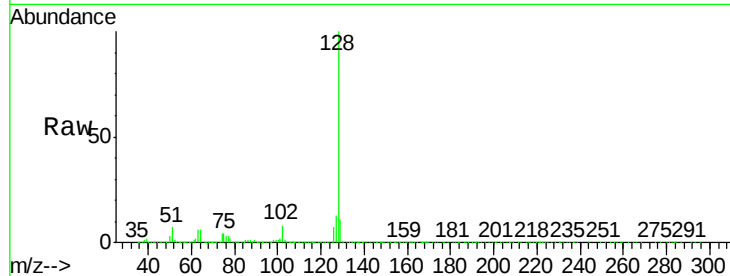
#91
Naphthalene
Concen: 20.766 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014490.D
Acq: 09 Jan 2020 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0109WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	10.9	8.9	13.3

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#92
1,2,3-Trichlorobenzene
Concen: 21.004 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014490.D
Acq: 09 Jan 2020 11:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	0.0	192.8
145	29.9	0.0	60.0

