

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032520\
 Data File : VX015349.D
 Acq On : 25 Mar 2020 19:16
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
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 3/26/2020 11:01:19 AM

Quant Time: Mar 26 02:28:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 26 02:14:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	189106	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.84	114	1084332	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	991304	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	440001	33.68	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	112.27%
60) 4-Bromofluorobenzene	11.12	95	508737	31.67	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	105.57%
63) Toluene-d8	8.70	98	1250699	29.16	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	97.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	879557	94.444	ug/l 100
3) Chloromethane	1.31	50	1143167	88.409	ug/l 100
4) Vinyl Chloride	1.39	62	1083650	82.598	ug/l 99
5) Bromomethane	1.62	94	429785	49.894	ug/l 100
6) Chloroethane	1.70	64	667740	80.829	ug/l 97
7) Trichlorofluoromethane	1.91	101	1540017	90.206	ug/l 97
8) Diethyl Ether	2.17	74	604261	81.785	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	1015427	95.146	ug/l 98
10) 1,1-Dichloroethene	2.36	96	1036174	96.258	ug/l 98
11) Methyl Iodide	2.49	142	1601341	134.813	ug/l 96
12) Methyl Acetate	2.75	43	1515727	109.427	ug/l 97
13) Acrolein	2.27	56	1025025	485.328	ug/l 94
14) Acrylonitrile	3.12	53	3250805	510.571	ug/l 99
15) Acetone	2.42	58	831269	473.254	ug/l 90
16) Carbon Disulfide	2.55	76	3051205	98.731	ug/l 100
17) Allyl chloride	2.71	41	2313998	110.133	ug/l 98
18) Methylene Chloride	2.84	84	1155112	94.009	ug/l 99
19) trans-1,2-Dichloroethene	3.14	96	1120044	94.788	ug/l 99
20) Diisopropyl ether	3.83	45	4143496	101.231	ug/l 96
21) 1,1-Dichloroethane	3.67	63	2159098	100.328	ug/l 99
22) cis-1,2-Dichloroethene	4.57	96	1308651	98.711	ug/l 98
23) tert-Butyl Alcohol	3.02	59	1559795	591.994	ug/l 100
24) Methyl tert-Butyl Ether	3.17	73	3815001	105.286	ug/l 100
25) Chloroform	5.18	83	2105434	103.349	ug/l 97
26) Cyclohexane	5.55	56	2019462	101.148	ug/l # 99
29) 1,1-Dichloropropene	5.77	75	1628755	98.494	ug/l 99
30) 2-Butanone	4.64	43	4821231	531.733	ug/l 100
31) 2,2-Dichloropropane	4.55	77	1926086	108.559	ug/l 100
32) 1,1,1-Trichloroethane	5.47	97	1989691	108.047	ug/l 99
33) Carbon Tetrachloride	5.76	117	1803060	112.734	ug/l 100
34) Benzene	6.12	78	4675728	94.354	ug/l 99
35) Methacrylonitrile	5.01	41	1104548	110.566	ug/l 95
36) 1,2-Dichloroethane	6.17	62	1830683	107.431	ug/l 99
37) Trichloroethene	7.19	130	1319599	95.221	ug/l 96
38) Methylcyclohexane	7.44	83	2024079	99.239	ug/l 99
39) 1,2-Dichloropropane	7.50	63	1260549	96.913	ug/l 96
40) Dibromomethane	7.64	93	834206	100.312	ug/l 98

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 26 02:14:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.88	83	1804770	106.946	ug/l	99
42) Vinyl Acetate	3.79	43	17880369	495.131	ug/l	99
43) Ethyl Acetate	4.80	43	1944133	110.773	ug/l	98
44) Isopropyl Acetate	6.42	43	3390404	114.363	ug/l	98
45) 1,4-Dioxane	7.72	88	622664	2131.988	ug/l	97
46) Methyl methacrylate	7.75	41	1712117	115.933	ug/l	99
47) n-amyl Acetate	10.89	43	2987816	113.214	ug/l	99
48) t-1,3-Dichloropropene	9.03	75	2114156	113.698	ug/l	98
49) cis-1,3-Dichloropropene	8.42	75	2174218	105.597	ug/l	98
50) 1,1,2-Trichloroethane	9.20	97	1196065	97.731	ug/l	98
51) Ethyl methacrylate	9.16	69	2086439	107.129	ug/l	98
52) 1,3-Dichloropropane	9.36	76	2070243	99.402	ug/l	99
53) Dibromochloromethane	9.57	129	1483737	110.115	ug/l	99
54) 1,2-Dibromoethane	9.65	107	1296288	101.932	ug/l	99
55) 2-Chloroethyl vinyl ether	8.29	63	4832503	497.488	ug/l	99
56) Bromoform	10.84	173	1230561	116.324	ug/l	100
58) 4-Methyl-2-Pentanone	8.62	43	9133261	520.031	ug/l	98
59) 2-Hexanone	9.48	43	7034793	530.532	ug/l	97
61) Tetrachloroethene	9.32	164	1244027	91.246	ug/l	98
62) Toluene	8.77	91	5001968	95.247	ug/l	98
64) Chlorobenzene	10.12	112	3243933	97.856	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.21	131	1308569	105.168	ug/l	100
66) Ethyl Benzene	10.24	91	5706171	97.731	ug/l	97
67) m/p-Xylenes	10.34	106	4329809	194.095	ug/l	93
68) o-Xylene	10.68	106	2136172	99.351	ug/l	97
69) Styrene	10.70	104	3718192	99.450	ug/l	99
70) Isopropylbenzene	11.00	105	5619814	98.445	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.25	83	1809638	97.766	ug/l	99
72) 1,2,3-Trichloropropane	11.28	75	1688438m	108.608	ug/l	
73) Bromobenzene	11.24	156	1538679	99.436	ug/l	96
74) n-propylbenzene	11.35	91	6437279	95.270	ug/l	98
75) 2-Chlorotoluene	11.41	91	3918128	98.752	ug/l	97
76) 1,3,5-Trimethylbenzene	11.50	105	4821851	98.353	ug/l	98
77) t-1,4-Dichloro-2-butene	11.06	75	746800	112.558	ug/l	100
78) 4-Chlorotoluene	11.50	91	4548980	99.697	ug/l	98
79) tert-butylbenzene	11.76	119	4812346	102.522	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	4887962	99.565	ug/l	98
81) sec-Butylbenzene	11.93	105	5563669	96.912	ug/l	99
82) p-Isopropyltoluene	12.05	119	5246977	99.375	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	2765879	100.090	ug/l	98
84) 1,4-Dichlorobenzene	12.08	146	2778600	100.197	ug/l	99
85) n-Butylbenzene	12.37	91	4733191	101.722	ug/l	98
86) Hexachloroethane	12.58	117	1029853	109.154	ug/l	94
87) 1,2-Dichlorobenzene	12.38	146	2679032	99.184	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	486146	119.221	ug/l	93
89) 1,2,4-Trichlorobenzene	13.63	180	2274103	112.569	ug/l	98
90) Hexachlorobutadiene	13.77	225	1236113	119.810	ug/l	99
91) Naphthalene	13.82	128	6323362	110.507	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	2258811	111.054	ug/l	99

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VSTDICC100

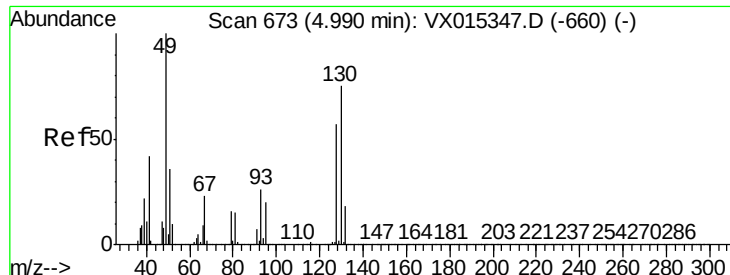
Manual Integrations
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QLast Update : Thu Mar 26 02:14:07 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

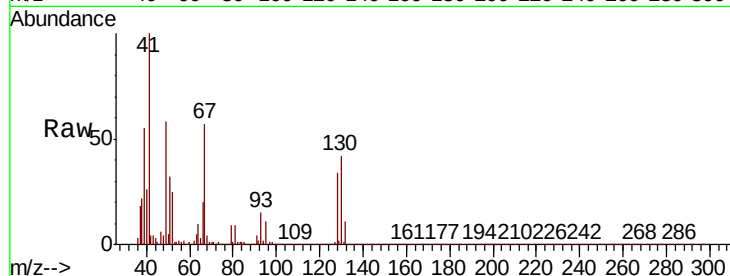
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.98 min Scan# 672
Delta R.T. -0.01 min
Lab File: VX015349.D
Acq: 25 Mar 2020 19:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
128	100		
49	179.3	0.0	428.0
130	129.2	0.0	324.5

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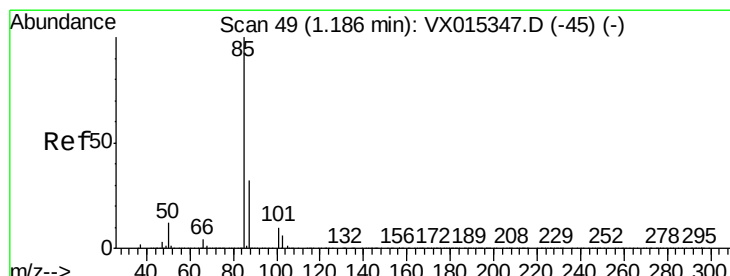
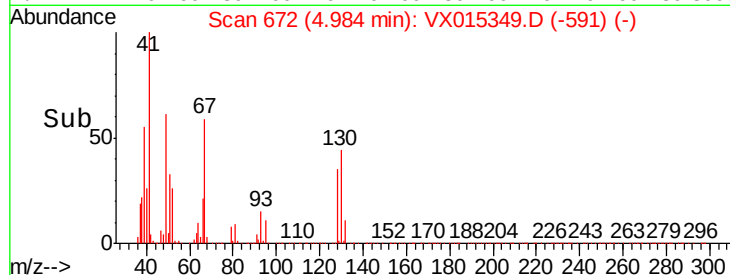
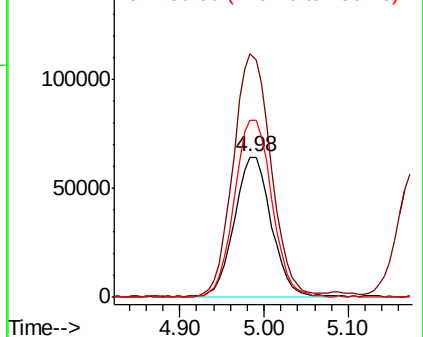


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

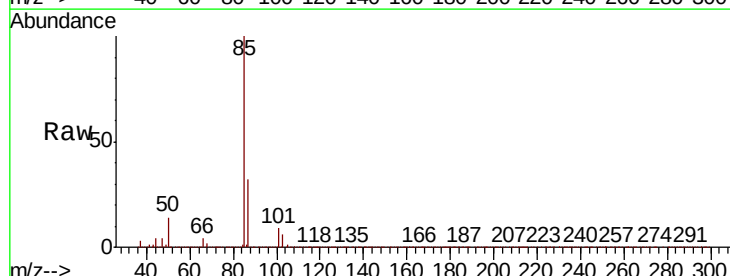
Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane
Concen: 94.444 ug/l
RT: 1.18 min Scan# 48
Delta R.T. -0.01 min
Lab File: VX015349.D
Acq: 25 Mar 2020 19:16

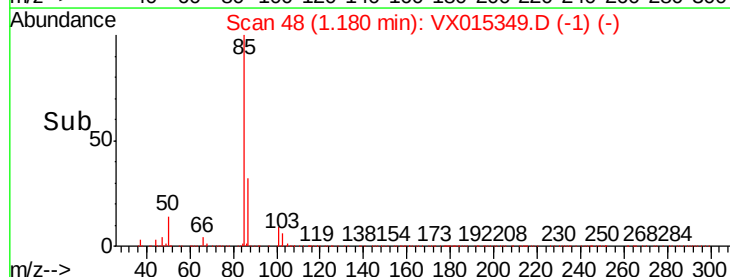
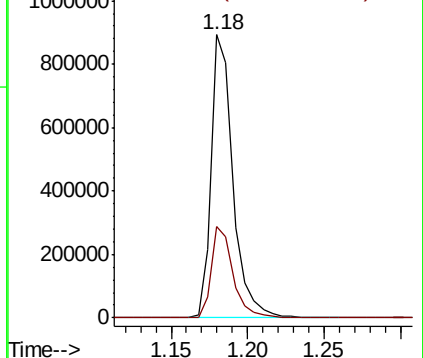
Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.4	16.3	48.9

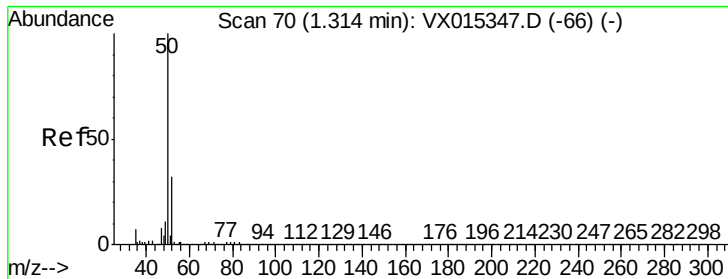


Abundance

Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 88.409 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015349.D

Acq: 25 Mar 2020 19:16

Tot Ion: 50 Resp: 1143167

Ion Ratio Lower Upper

50 100

52 31.9 25.5 38.3

Instrument :

MSVOA_X

ClientSampleId :

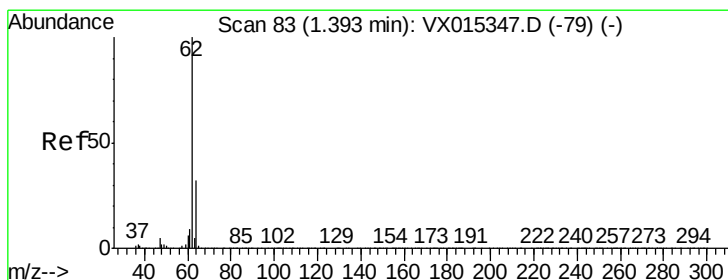
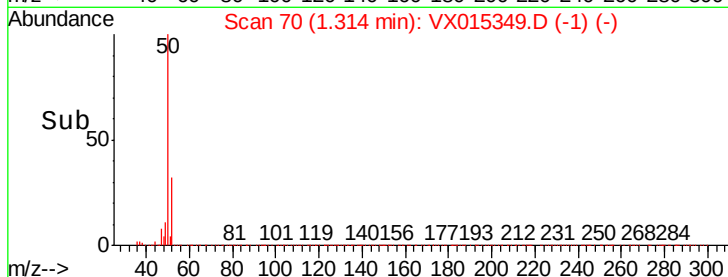
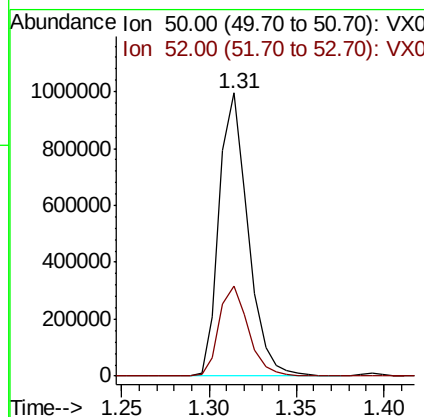
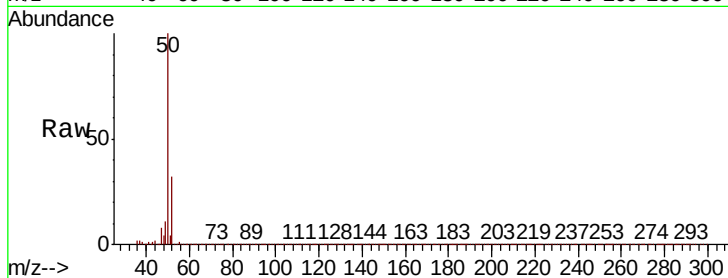
VSTDICC100

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#4

Vinyl Chloride

Concen: 82.598 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015349.D

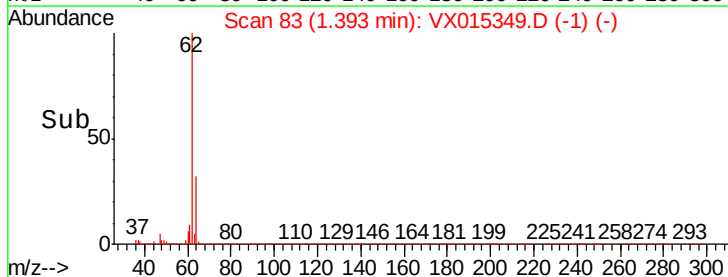
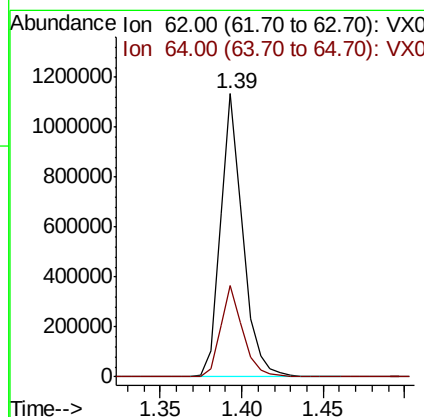
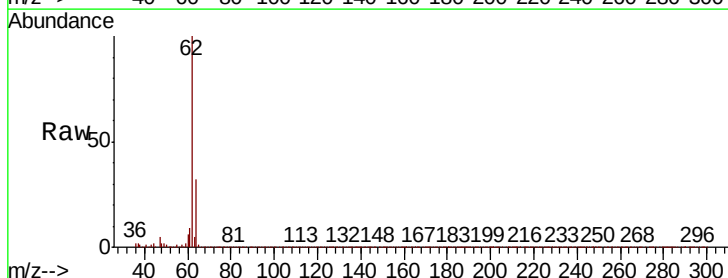
Acq: 25 Mar 2020 19:16

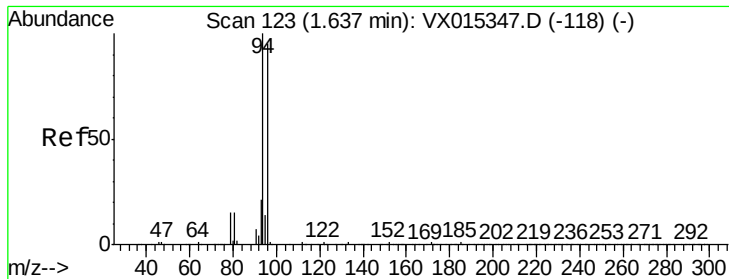
Tgt Ion: 62 Resp: 1083650

Ion Ratio Lower Upper

62 100

64 32.0 25.4 38.0





#5

Bromomethane

Concen: 49.894 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.01 min

Lab File: VX015349.D

Acq: 25 Mar 2020 19:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 94 Resp: 429785

Ion Ratio Lower Upper

94 100

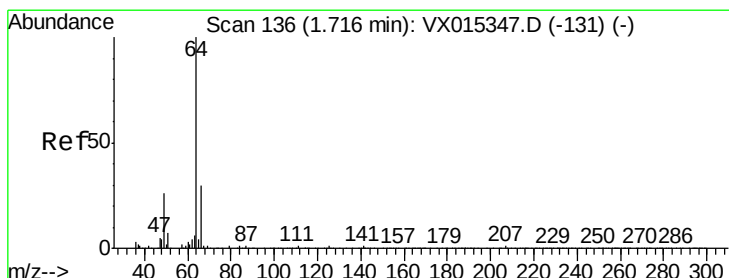
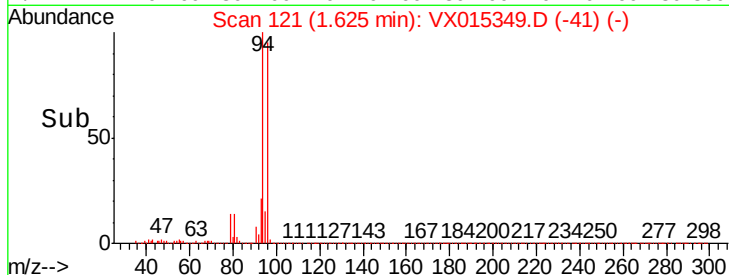
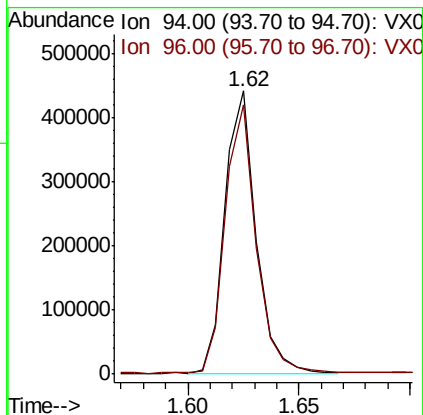
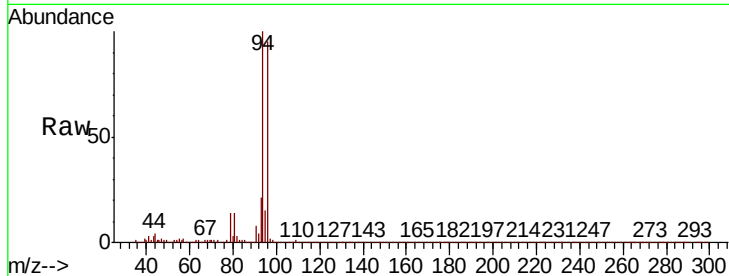
96 95.0 76.1 114.1

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#6

Chloroethane

Concen: 80.829 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX015349.D

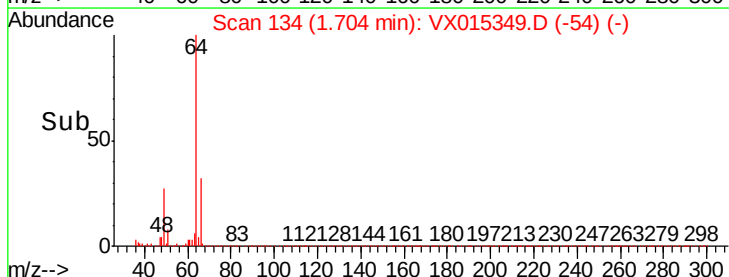
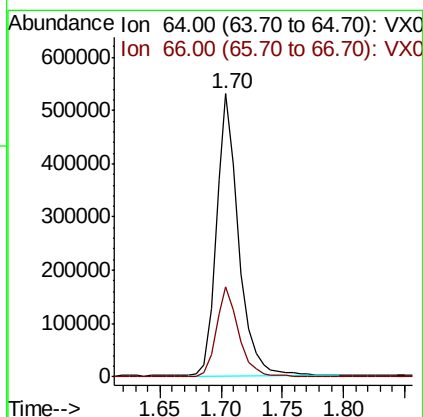
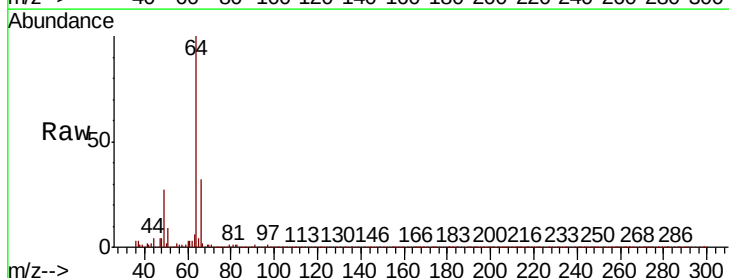
Acq: 25 Mar 2020 19:16

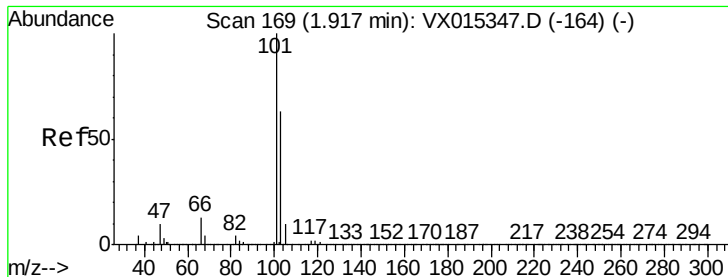
Tgt Ion: 64 Resp: 667740

Ion Ratio Lower Upper

64 100

66 31.9 24.3 36.5





#7

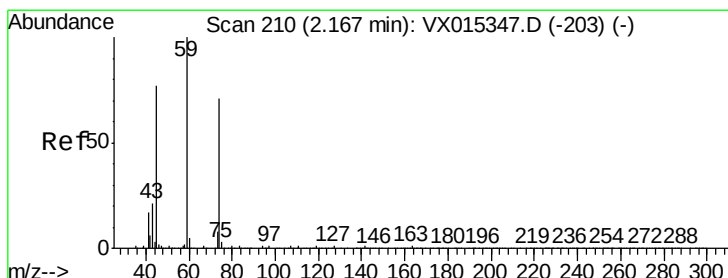
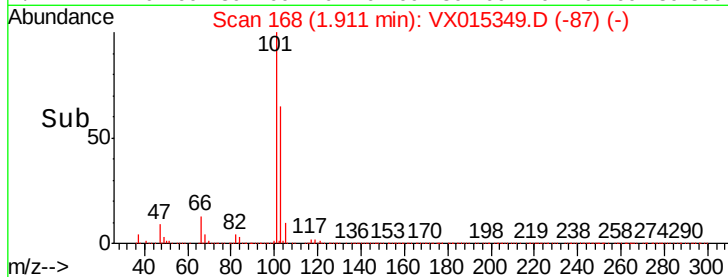
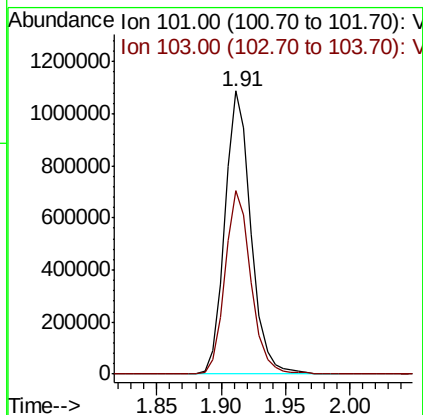
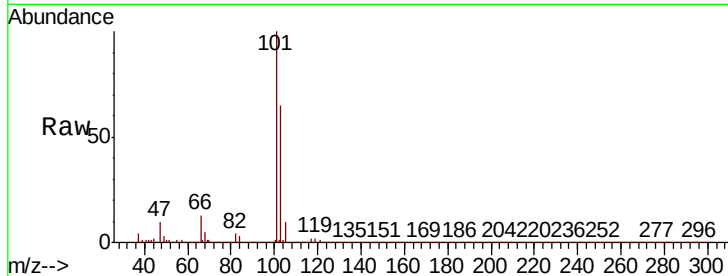
Trichlorofluoromethane
Concen: 90.206 ug/l
RT: 1.91 min Scan# 168
Delta R.T. -0.01 min
Lab File: VX015349.D
Acq: 25 Mar 2020 19:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	49.9	74.9

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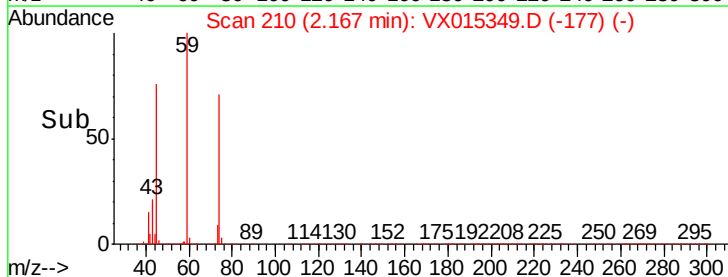
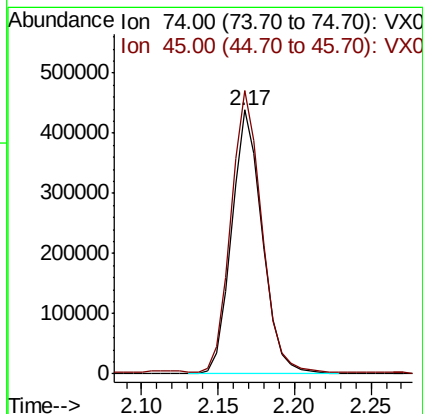
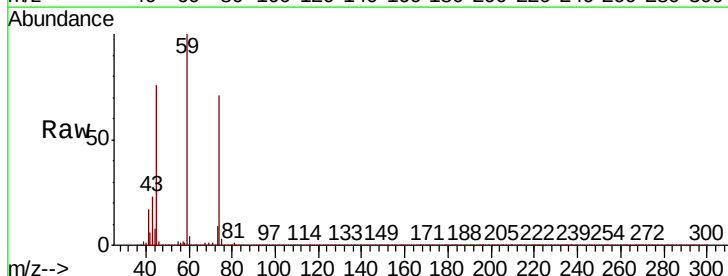
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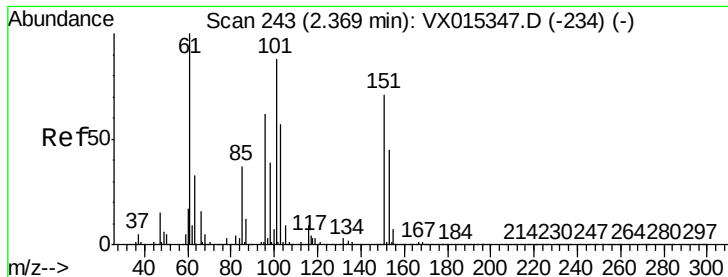


#8

Diethyl Ether
Concen: 81.785 ug/l
RT: 2.17 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX015349.D
Acq: 25 Mar 2020 19:16

Tgt Ion	Ratio	Lower	Upper
74	100		
45	108.5	21.8	196.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 95.146 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.01 min

Lab File: VX015349.D

Acq: 25 Mar 2020 19:16

Instrument :

MSVOA_X

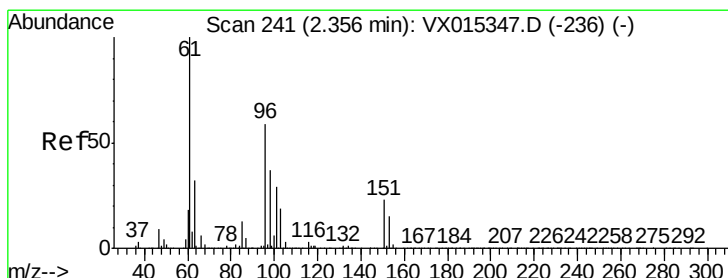
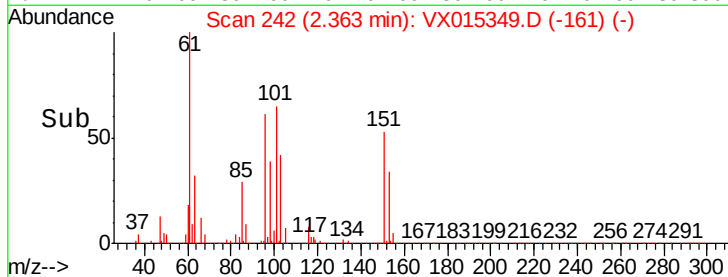
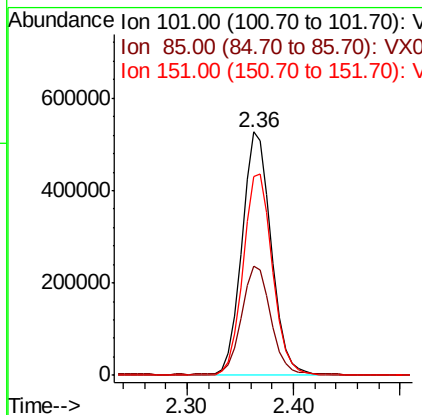
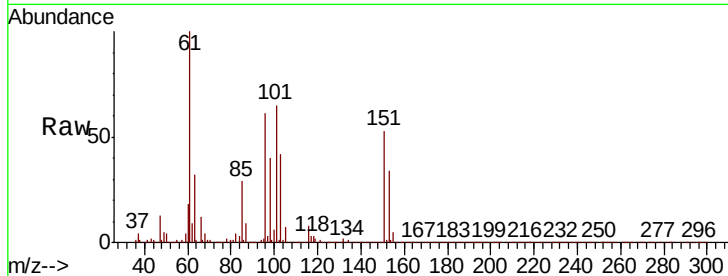
ClientSampleId :

VSTDIC100

Tot Ion:	101	Resp:	1015427
Ion Ratio	Lower	Upper	
101	100		
85	44.3	0.0	85.8
151	83.5	0.0	164.6

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 96.258 ug/l

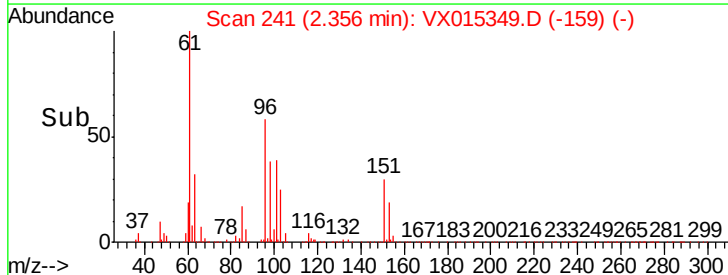
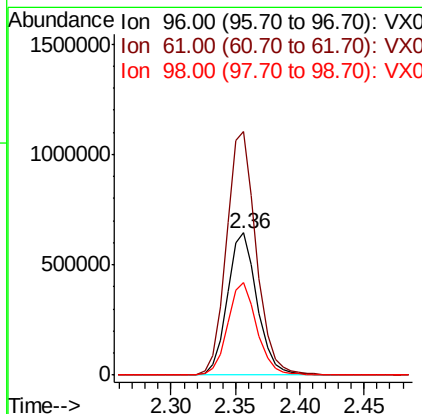
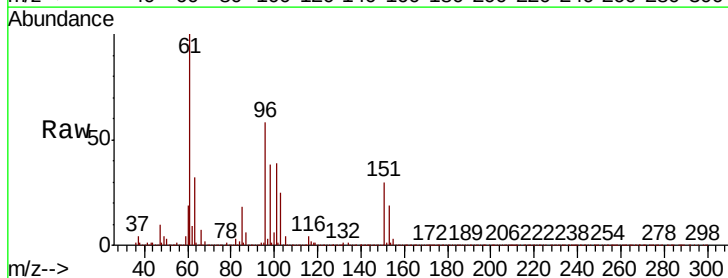
RT: 2.36 min Scan# 241

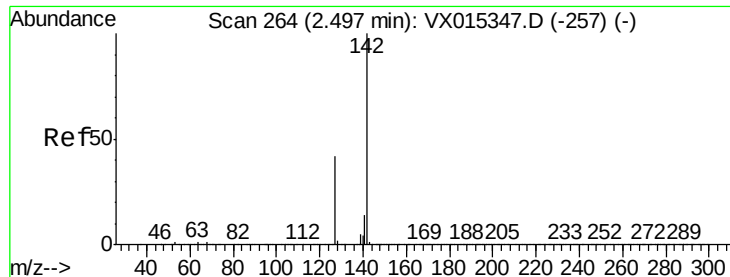
Delta R.T. 0.00 min

Lab File: VX015349.D

Acq: 25 Mar 2020 19:16

Tgt Ion:	96	Resp:	1036174
Ion Ratio	Lower	Upper	
96	100		
61	171.2	135.5	203.3
98	64.8	50.2	75.2





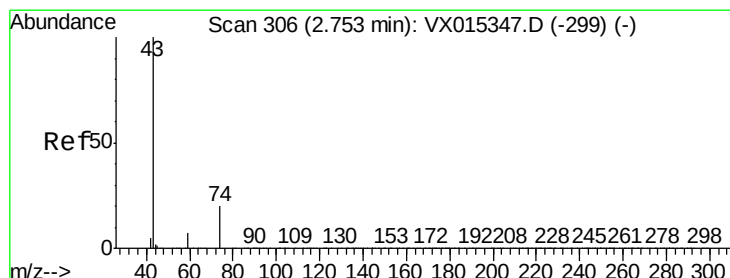
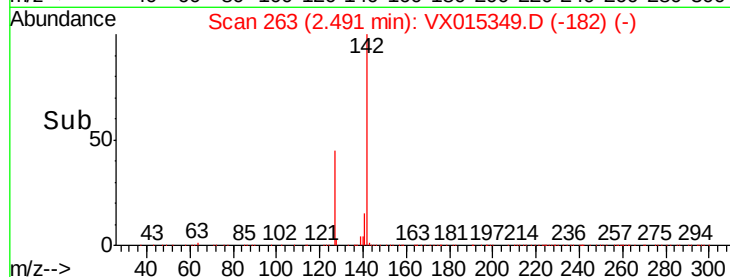
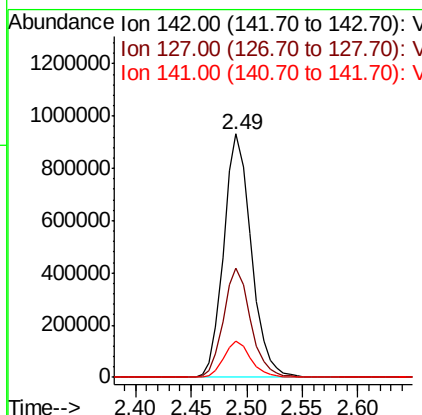
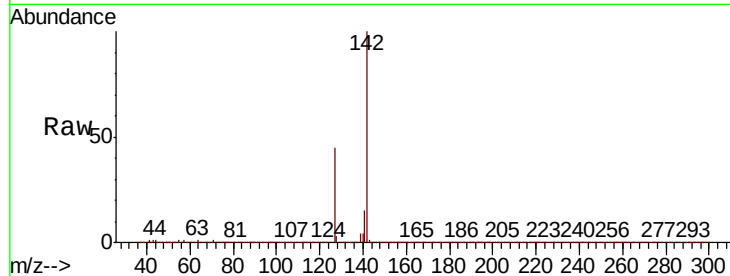
#11
Methvl Iodide
Concen: 134.813 ug/l
RT: 2.49 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX015349.D
Acq: 25 Mar 2020 19:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
142	100		
127	44.9	21.0	63.0
141	14.8	6.9	20.7

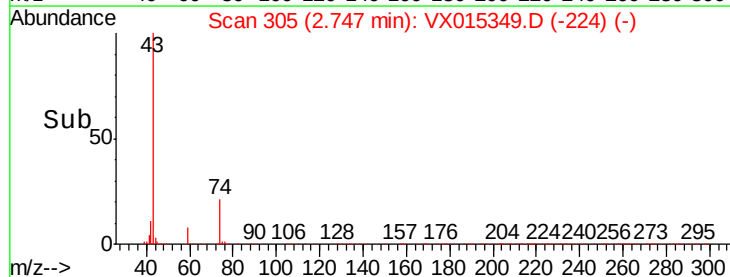
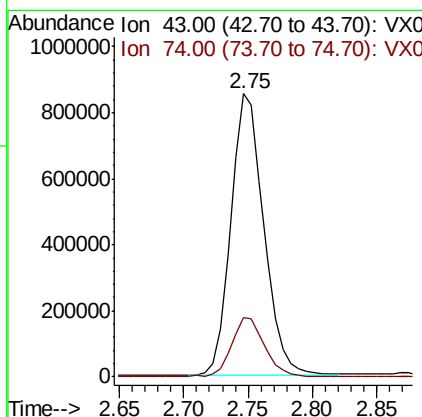
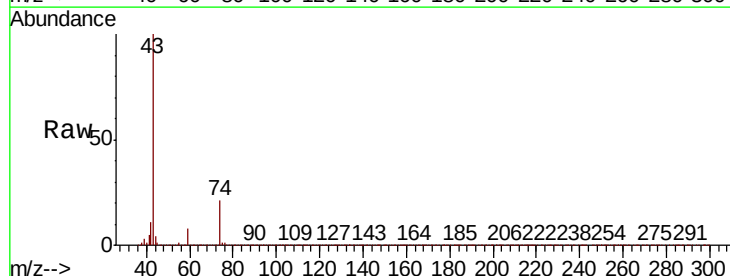
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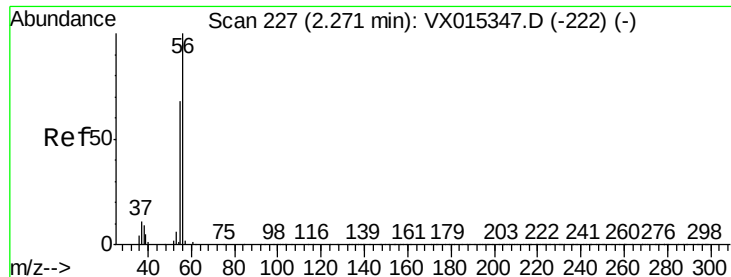
apatel
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#12
Methyl Acetate
Concen: 109.427 ug/l
RT: 2.75 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX015349.D
Acq: 25 Mar 2020 19:16

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.0	15.8	23.6





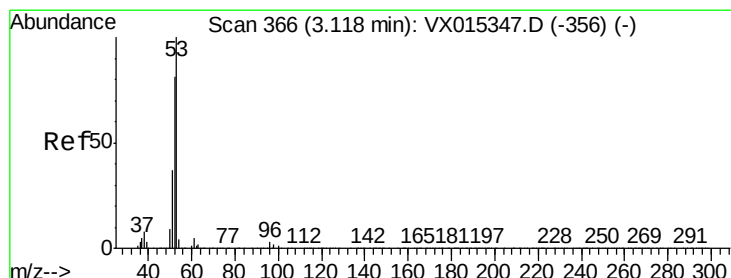
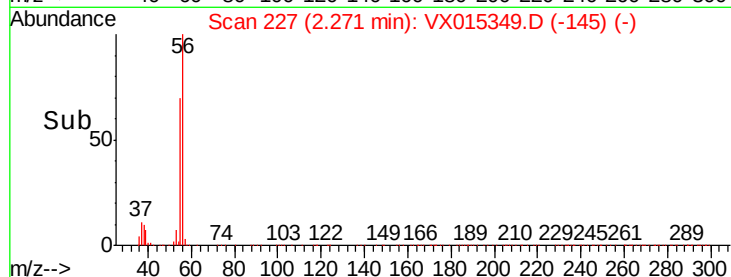
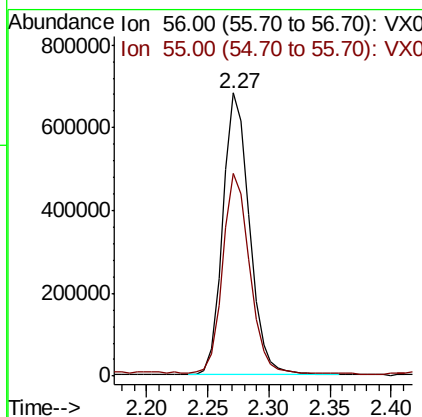
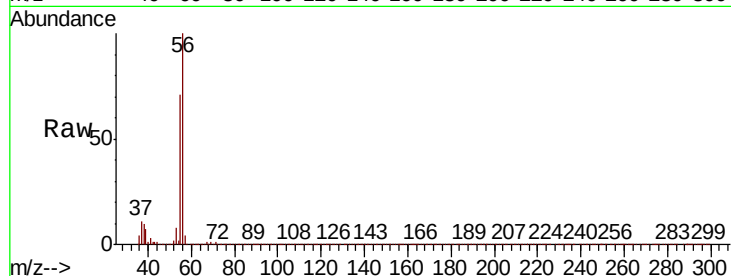
#13
Acrolein
Concen: 485.328 ug/l
RT: 2.27 min Scan# 227
Delta R.T. 0.00 min
Lab File: VX015349.D
Acq: 25 Mar 2020 19:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.7	53.5	80.3

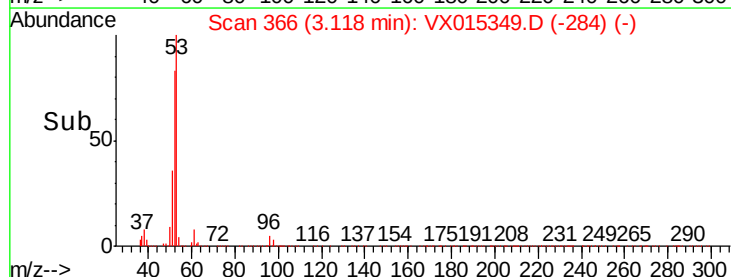
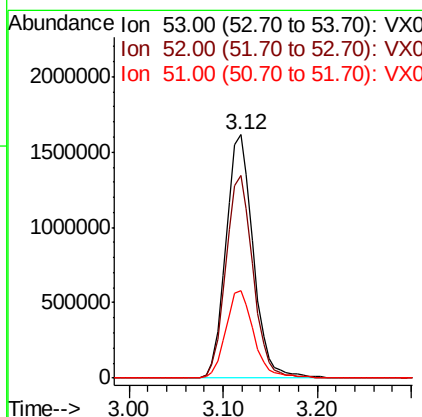
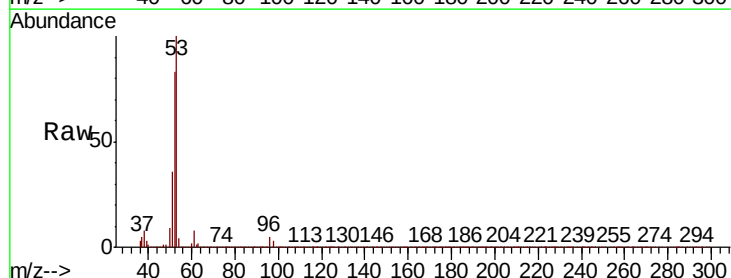
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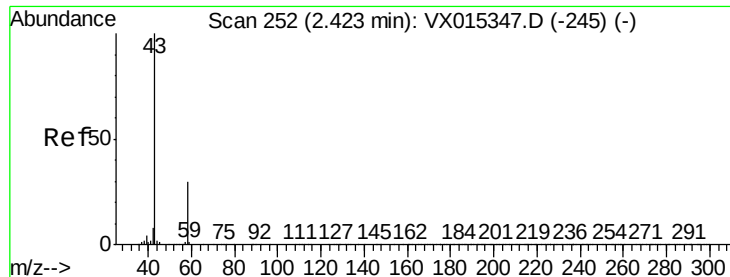
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#14
Acrylonitrile
Concen: 510.571 ug/l
RT: 3.12 min Scan# 366
Delta R.T. 0.00 min
Lab File: VX015349.D
Acq: 25 Mar 2020 19:16

Tgt Ion	Ratio	Lower	Upper
53	100		
52	82.8	41.0	123.2
51	36.6	18.4	55.4





#15

Acetone

Concen: 473.254 ug/l

RT: 2.42 min Scan# 251

Delta R.T. -0.01 min

Lab File: VX015349.D

Acq: 25 Mar 2020 19:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 58 Resp: 831269

Ion Ratio Lower Upper

58 100

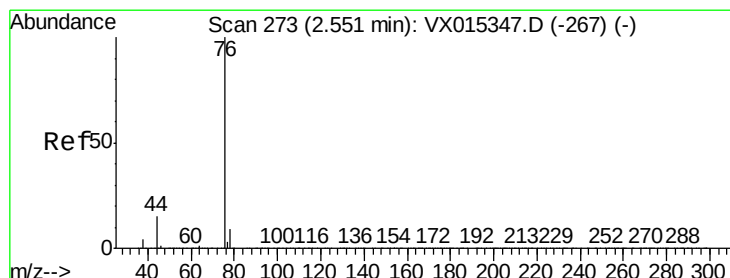
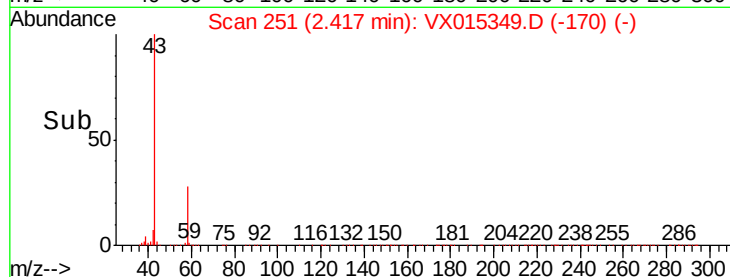
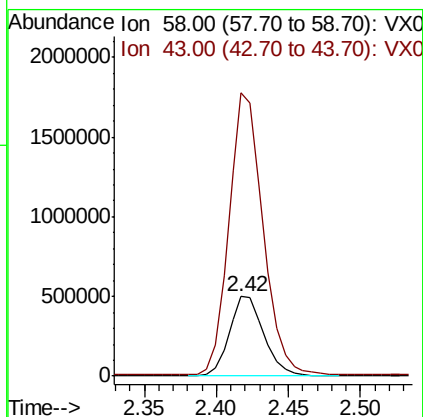
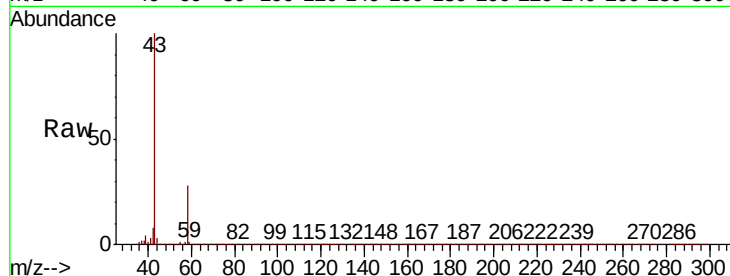
43 355.5 267.8 401.8

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#16

Carbon Disulfide

Concen: 98.731 ug/l

RT: 2.55 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX015349.D

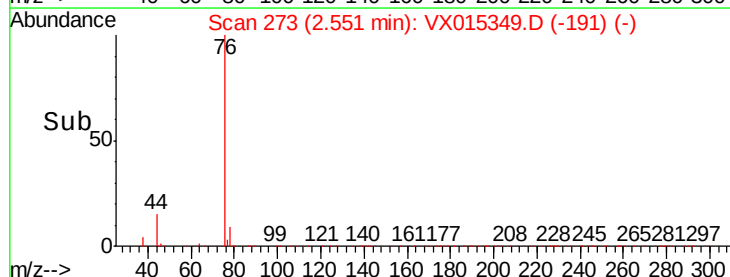
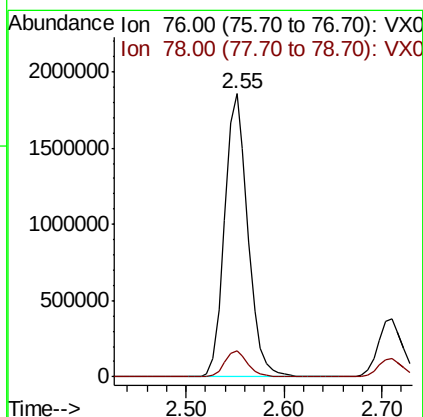
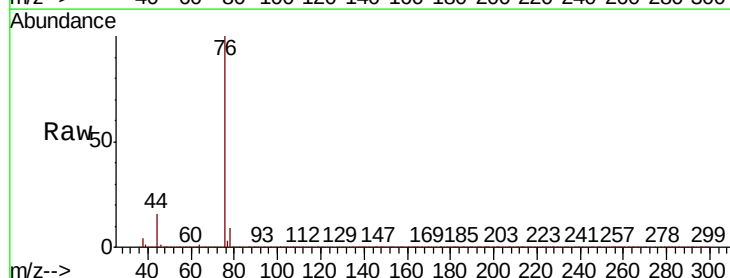
Acq: 25 Mar 2020 19:16

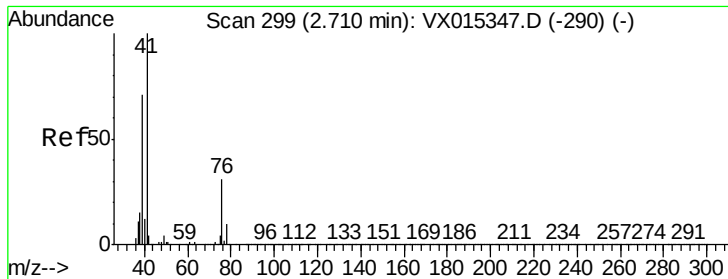
Tgt Ion: 76 Resp: 3051205

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.2





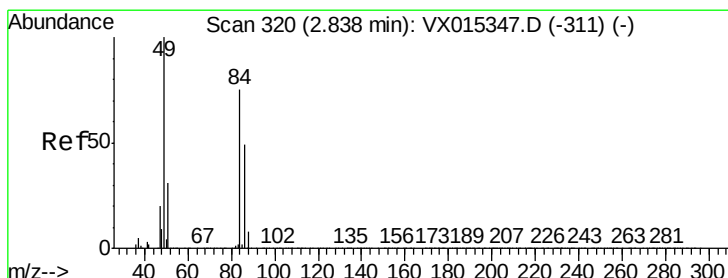
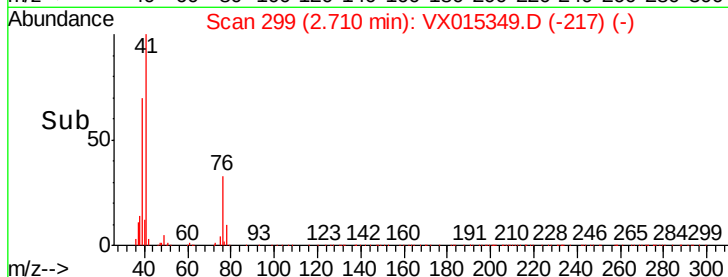
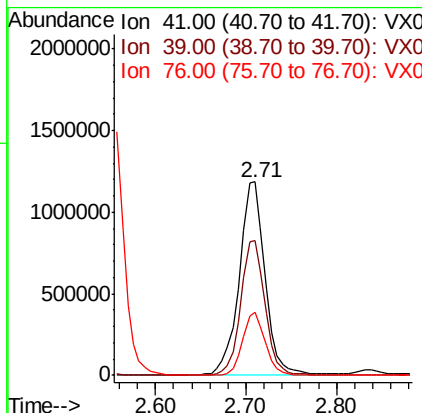
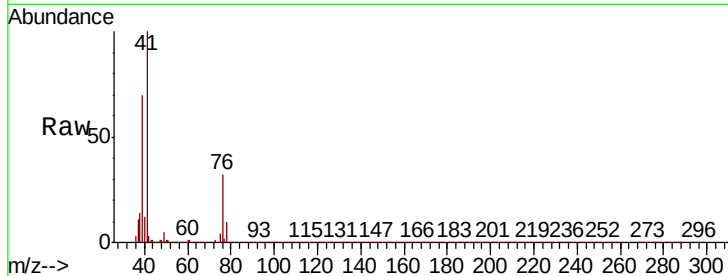
#17
 Allvl chloride
 Concen: 110.133 ug/l
 RT: 2.71 min Scan# 299
 Delta R.T. 0.00 min
 Lab File: VX015349.D
 Acq: 25 Mar 2020 19:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion: 41 Resp: 2313998
 Ion Ratio Lower Upper
 41 100
 39 69.8 35.6 106.8
 76 32.4 15.4 46.4

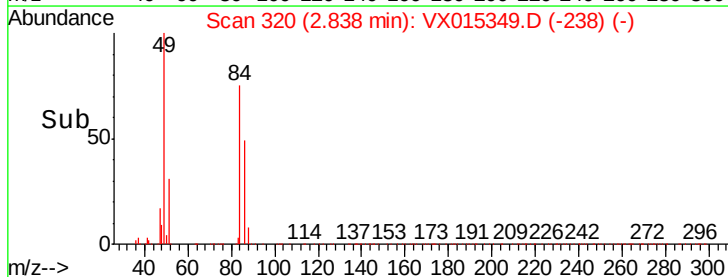
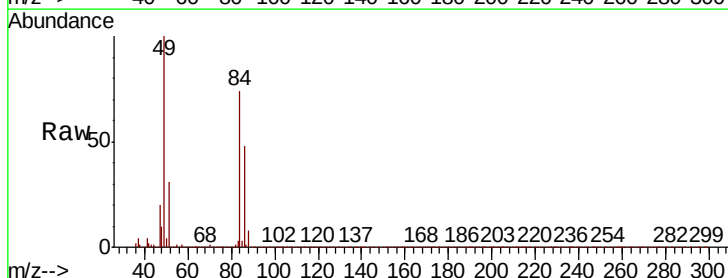
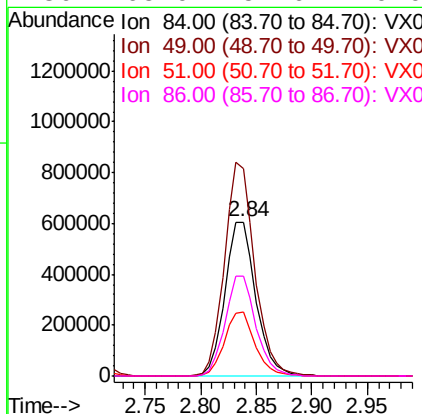
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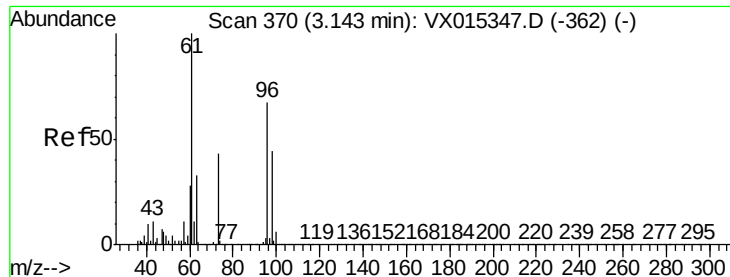
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#18
 Methylene Chloride
 Concen: 94.009 ug/l
 RT: 2.84 min Scan# 320
 Delta R.T. 0.00 min
 Lab File: VX015349.D
 Acq: 25 Mar 2020 19:16

Tgt Ion: 84 Resp: 1155112
 Ion Ratio Lower Upper
 84 100
 49 134.7 107.0 160.4
 51 41.4 33.4 50.0
 86 65.0 52.6 79.0





#19

trans-1,2-Dichloroethene

Concen: 94.788 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.00 min

Lab File: VX015349.D

Acq: 25 Mar 2020 19:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 96 Resp: 1120044

Ion Ratio Lower Upper

96 100

61 149.0 118.2 177.2

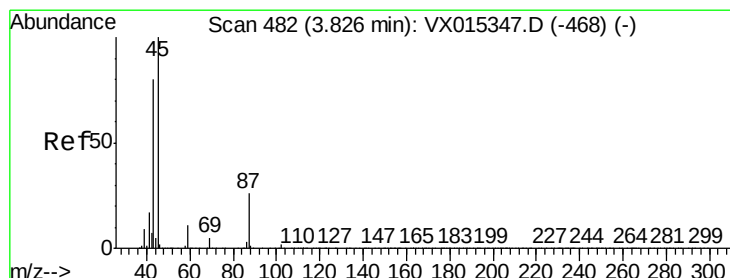
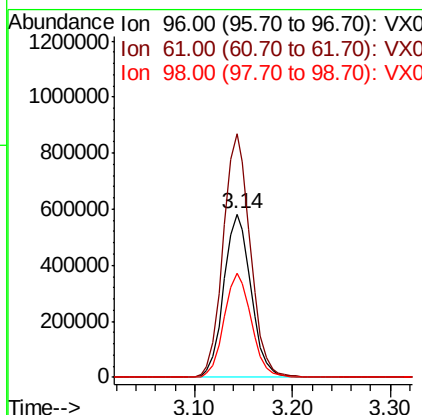
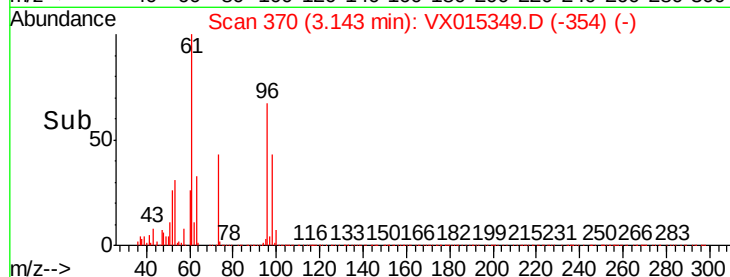
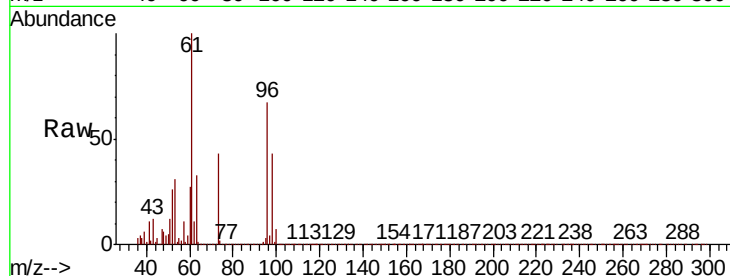
98 63.9 51.9 77.9

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#20

Diisopropyl ether

Concen: 101.231 ug/l

RT: 3.83 min Scan# 482

Delta R.T. 0.00 min

Lab File: VX015349.D

Acq: 25 Mar 2020 19:16

Tgt Ion: 45 Resp: 4143496

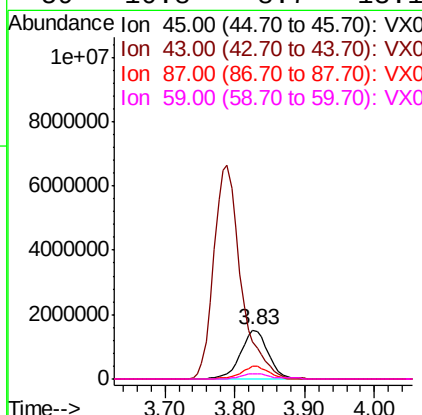
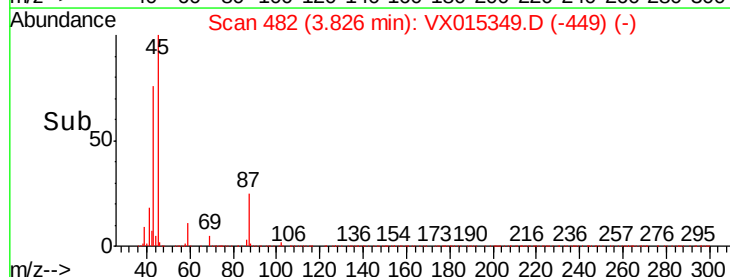
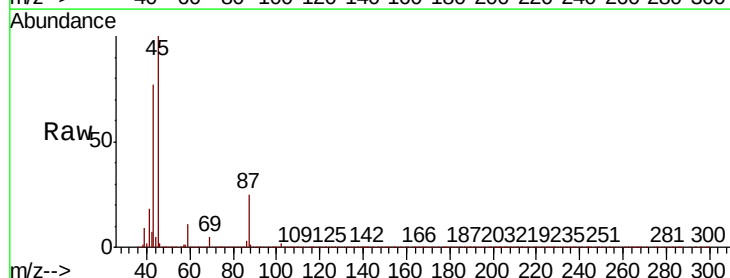
Ion Ratio Lower Upper

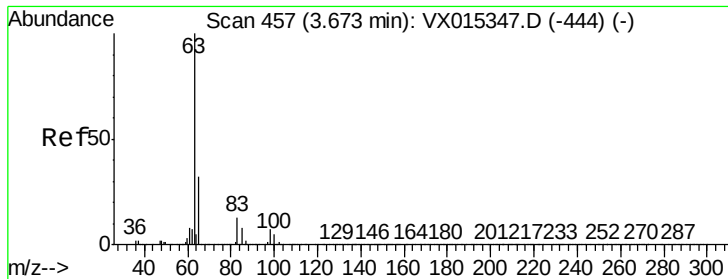
45 100

43 76.0 64.4 96.6

87 25.1 20.4 30.6

59 10.8 8.7 13.1





#21

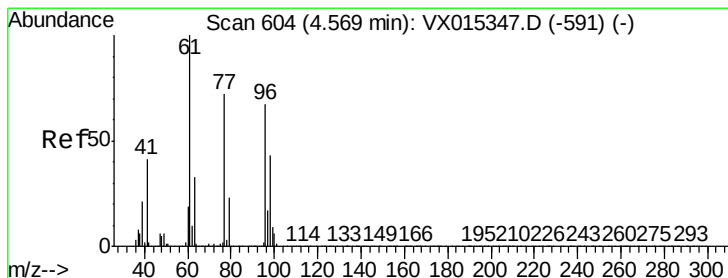
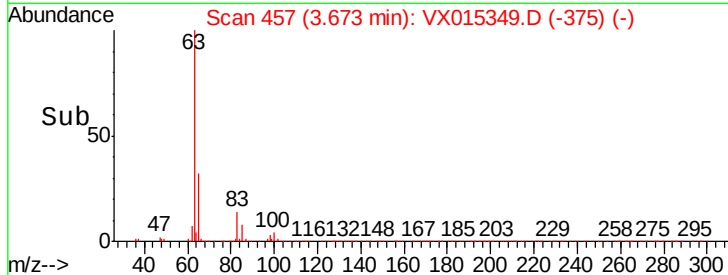
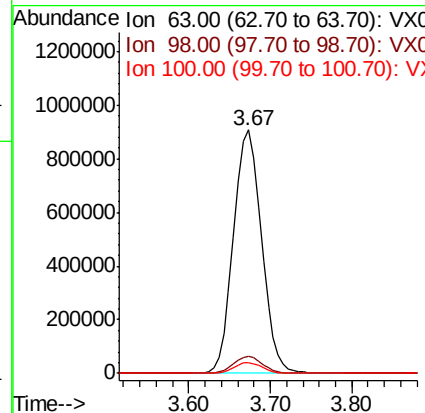
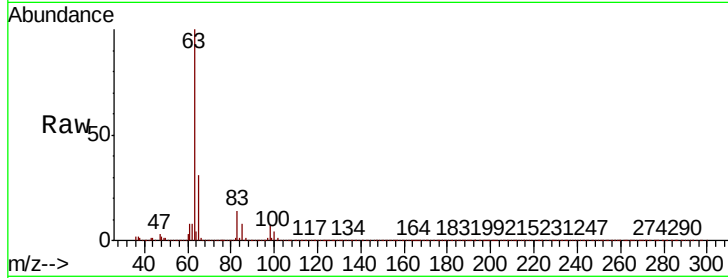
1,1-Dichloroethane
Concen: 100.328 ug/l
RT: 3.67 min Scan# 457
Delta R.T. 0.00 min
Lab File: VX015349.D
Acq: 25 Mar 2020 19:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	63	Resp	2159098
Ion	Ratio	Lower	Upper
63	100		
98	6.9	3.3	9.9
100	4.4	2.3	6.8

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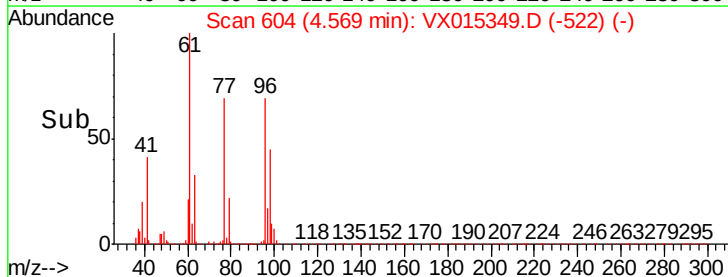
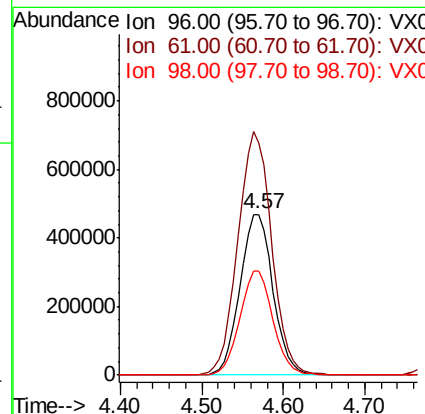
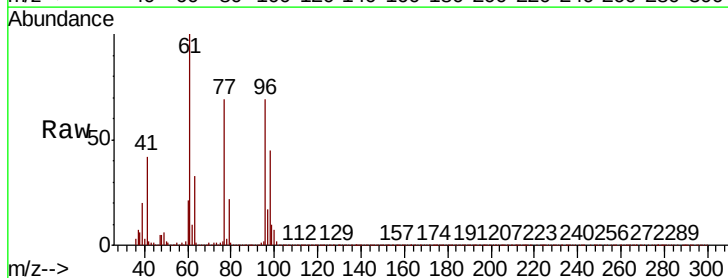
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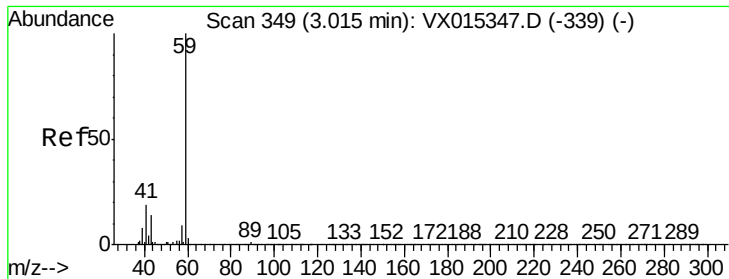


#22

cis-1,2-Dichloroethene
Concen: 98.711 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX015349.D
Acq: 25 Mar 2020 19:16

Tgt Ion	96	Resp	1308651
Ion	Ratio	Lower	Upper
96	100		
61	155.2	127.2	190.8
98	64.1	51.8	77.6





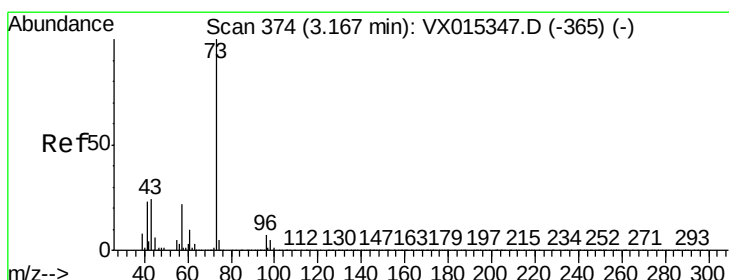
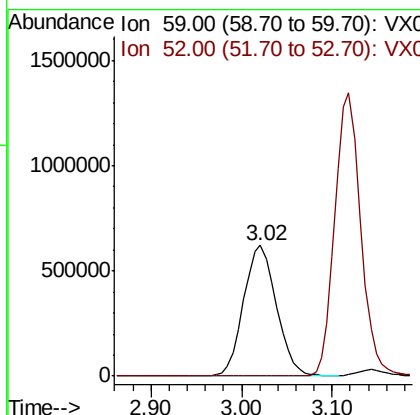
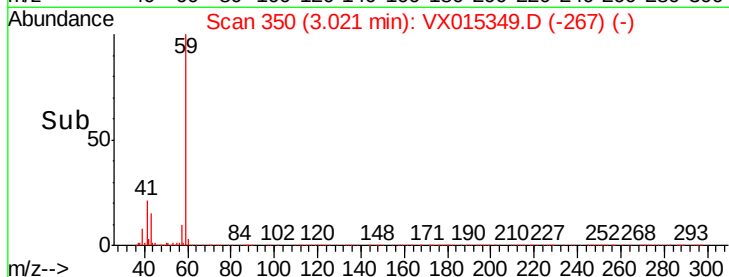
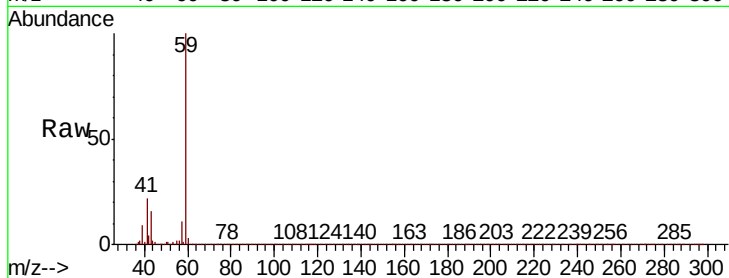
#23
tert-Butyl Alcohol
Concen: 591.994 ug/l
RT: 3.02 min Scan# 350
Delta R.T. 0.01 min
Lab File: VX015349.D
Acq: 25 Mar 2020 19:16

Instrument :
MSVOA_X
ClientSampled :
VSTDICC100

Tot Ion: 59 Resp: 1559795
Ion Ratio Lower Upper
59 100
52 0.2 0.2 0.2

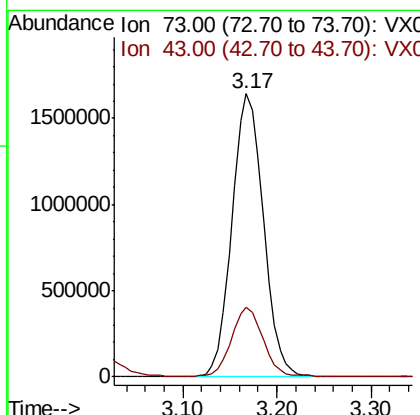
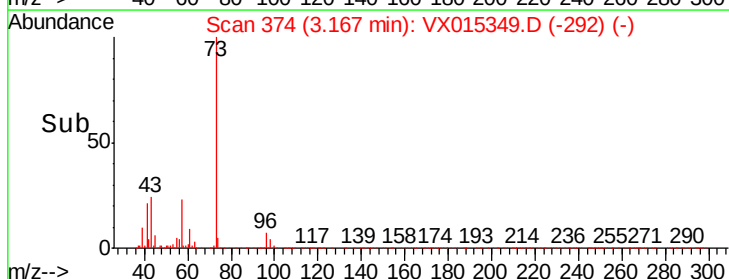
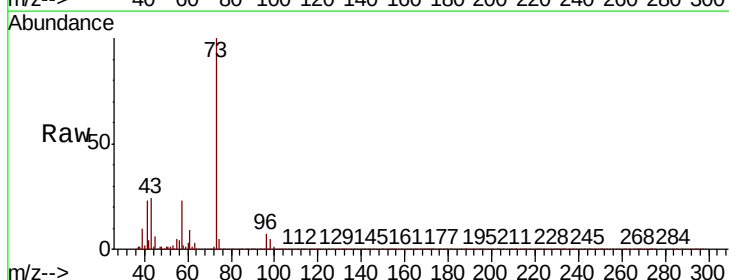
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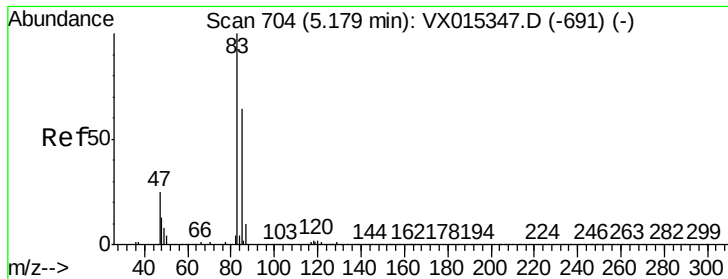
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#24
Methyl tert-Butyl Ether
Concen: 105.286 ug/l
RT: 3.17 min Scan# 374
Delta R.T. 0.00 min
Lab File: VX015349.D
Acq: 25 Mar 2020 19:16

Tgt Ion: 73 Resp: 3815001
Ion Ratio Lower Upper
73 100
43 23.9 19.2 28.8





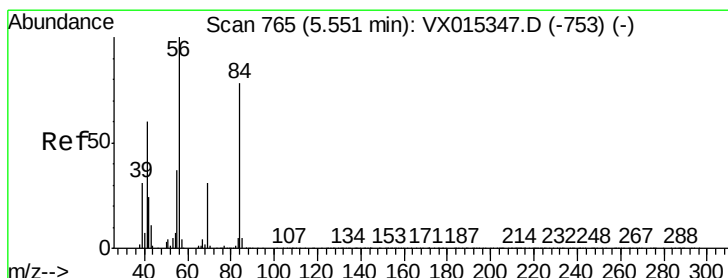
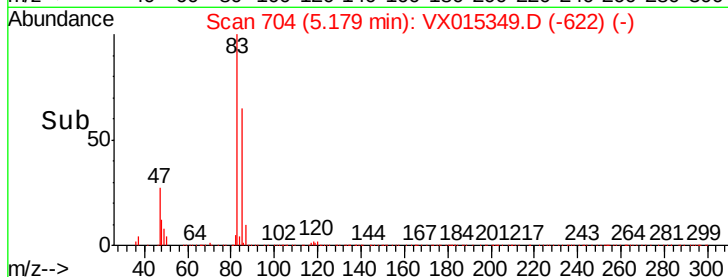
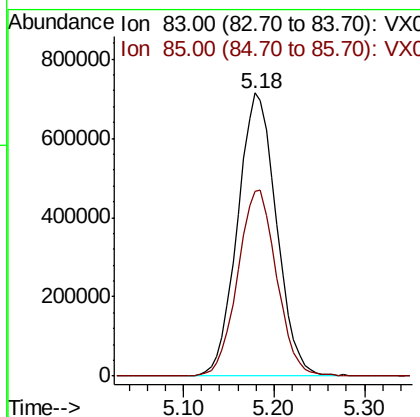
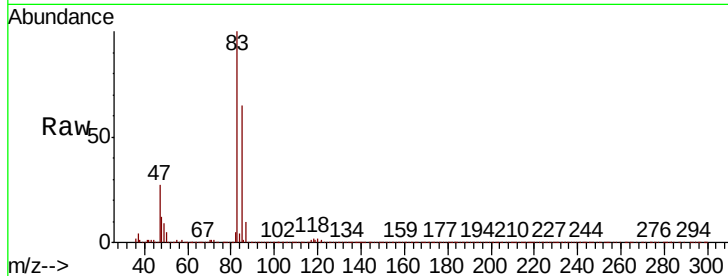
#25
Chloroform
Concen: 103.349 ug/l
RT: 5.18 min Scan# 704
Delta R.T. 0.00 min
Lab File: VX015349.D
Acq: 25 Mar 2020 19:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 83 Resp: 2105434
Ion Ratio Lower Upper
83 100
85 65.2 50.5 75.7

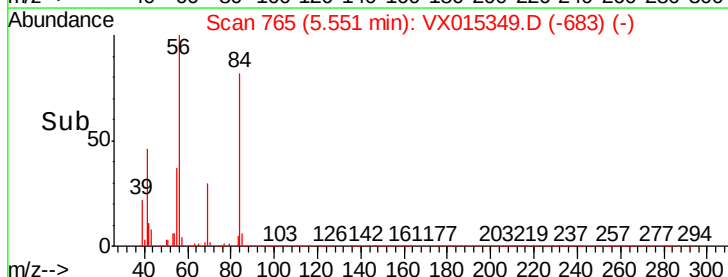
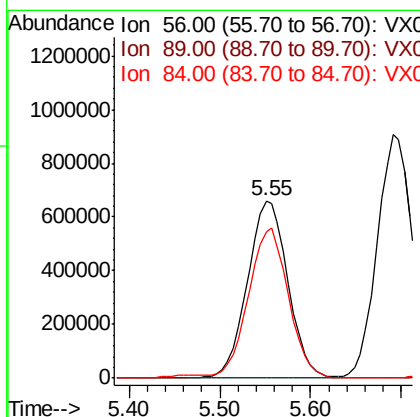
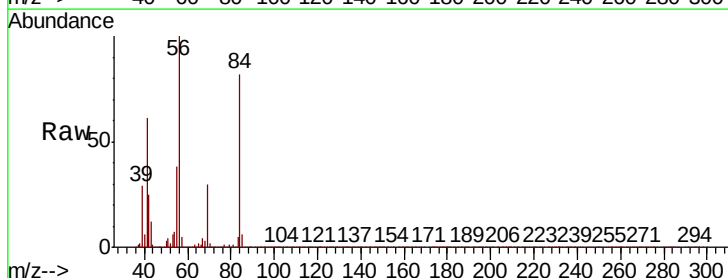
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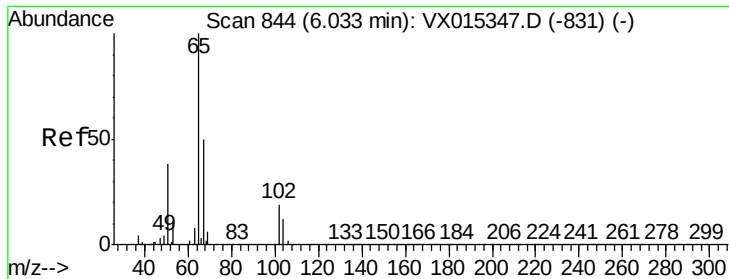
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#26
Cyclohexane
Concen: 101.148 ug/l
RT: 5.55 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX015349.D
Acq: 25 Mar 2020 19:16

Tgt Ion: 56 Resp: 2019462
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 83.9 66.1 99.1





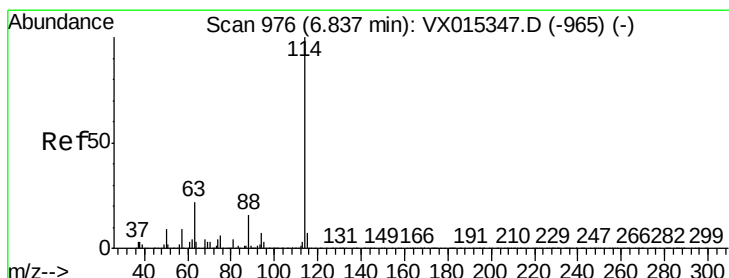
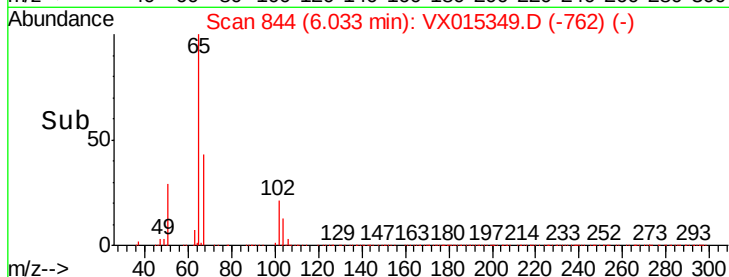
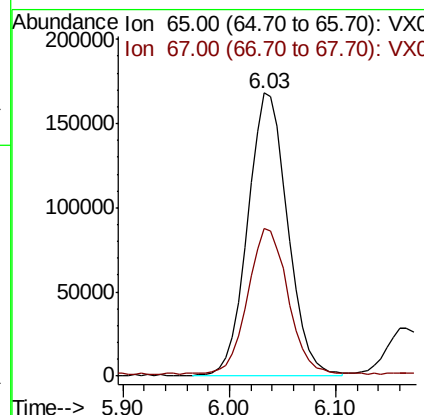
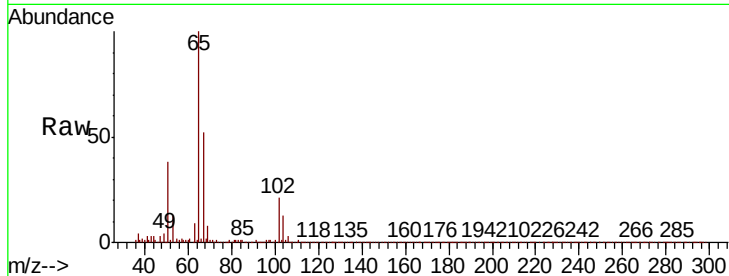
#27
 1,2-Dichloroethane-d4
 Concen: 33.681 ug/l
 RT: 6.03 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: VX015349.D
 Acq: 25 Mar 2020 19:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.9	40.9	61.3

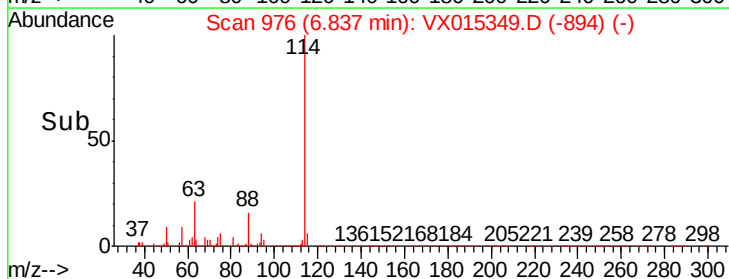
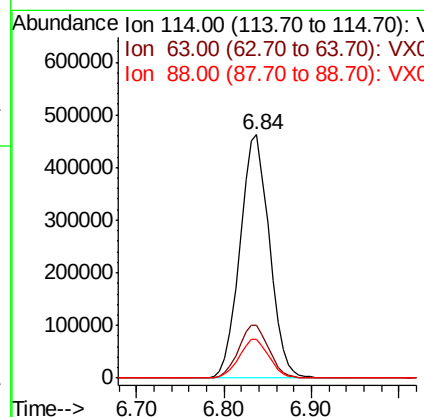
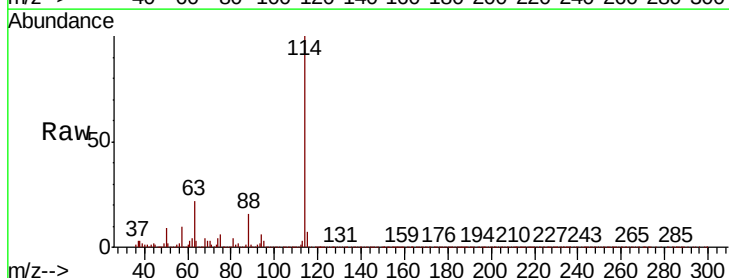
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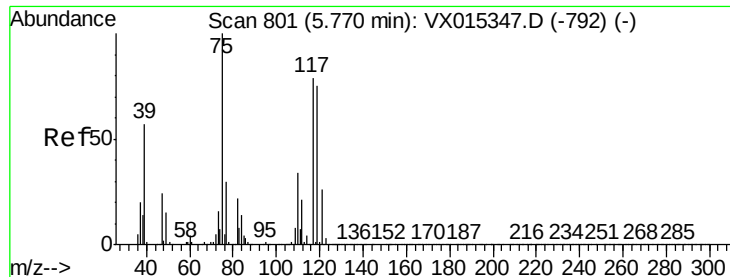
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#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.84 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: VX015349.D
 Acq: 25 Mar 2020 19:16

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.1	17.4	26.2
88	16.2	12.9	19.3





#29

1,1-Dichloropropene

Concen: 98.494 ug/l

RT: 5.77 min Scan# 801

Delta R.T. 0.00 min

Lab File: VX015349.D

Acq: 25 Mar 2020 19:16

Instrument :

MSVOA_X

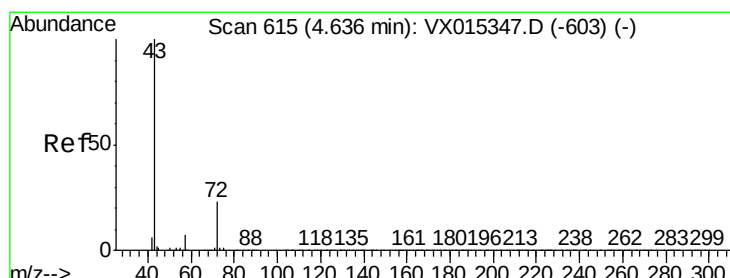
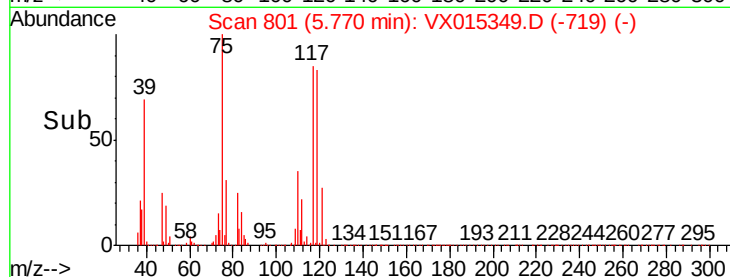
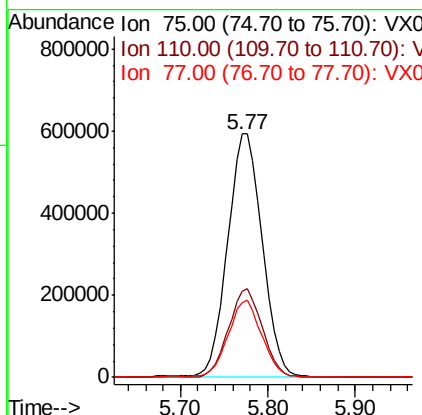
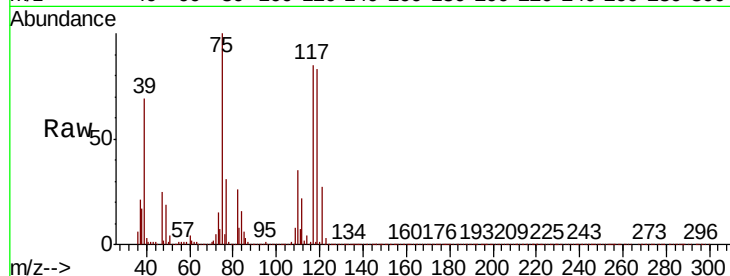
ClientSampleId :

VSTDIC100

Tot Ion:	75	Resp:	1628755
Ion	Ratio	Lower	Upper
75	100		
110	35.4	0.0	71.2
77	30.7	0.0	62.2

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#30

2-Butanone

Concen: 531.733 ug/l

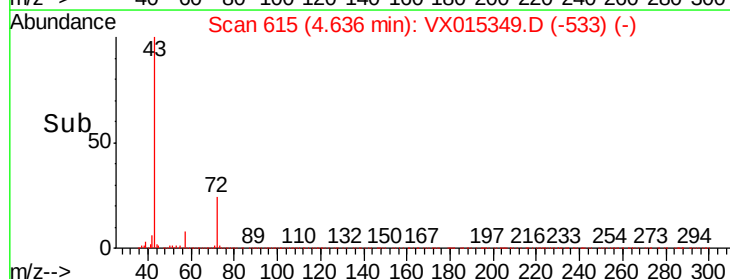
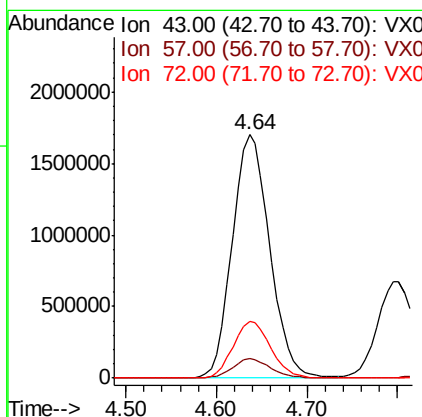
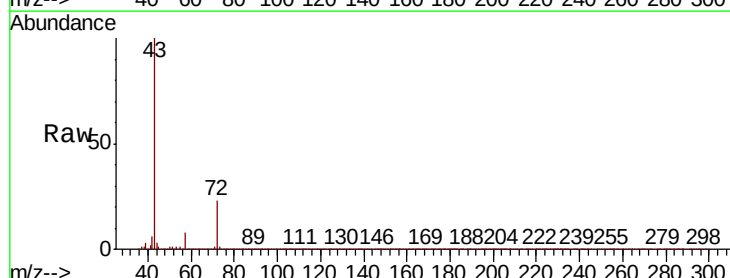
RT: 4.64 min Scan# 615

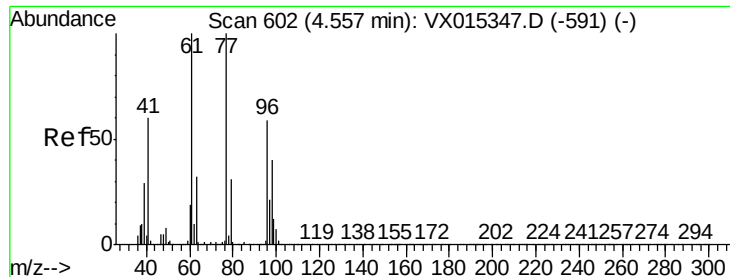
Delta R.T. 0.00 min

Lab File: VX015349.D

Acq: 25 Mar 2020 19:16

Tgt Ion:	43	Resp:	4821231
Ion	Ratio	Lower	Upper
43	100		
57	7.6	5.9	8.9
72	23.3	18.6	27.8





#31

2,2-Dichloropropane

Concen: 108.559 ug/l

RT: 4.55 min Scan# 601

Delta R.T. -0.01 min

Lab File: VX015349.D

Acq: 25 Mar 2020 19:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 77 Resp: 1926086

Ion Ratio Lower Upper

77 100

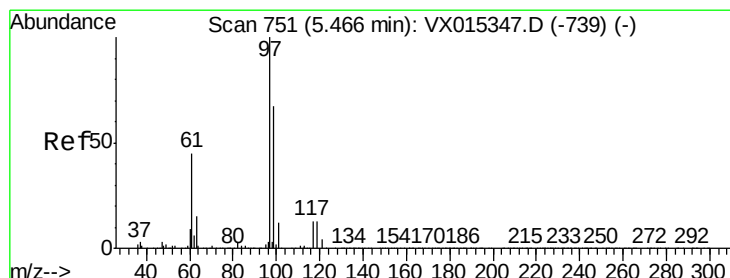
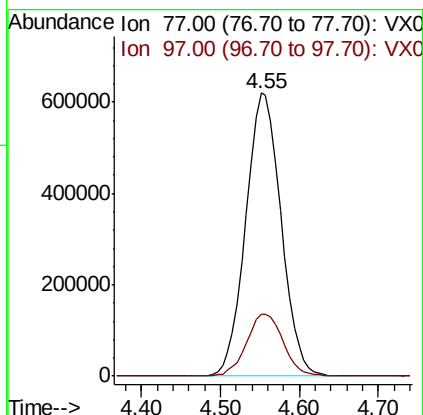
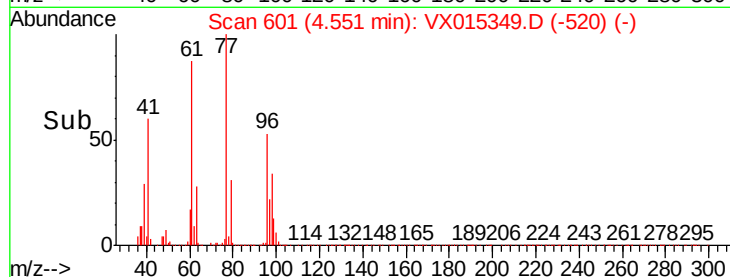
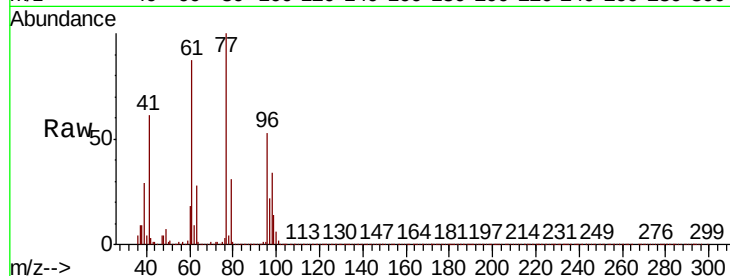
97 22.3 17.8 26.8

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#32

1,1,1-Trichloroethane

Concen: 108.047 ug/l

RT: 5.47 min Scan# 751

Delta R.T. 0.00 min

Lab File: VX015349.D

Acq: 25 Mar 2020 19:16

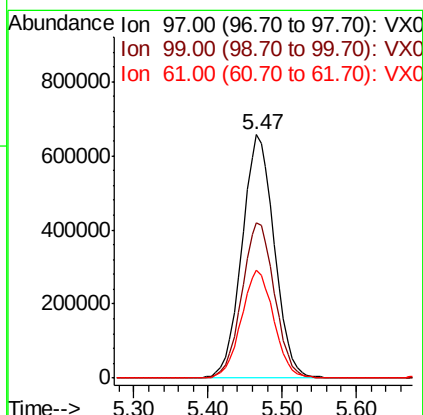
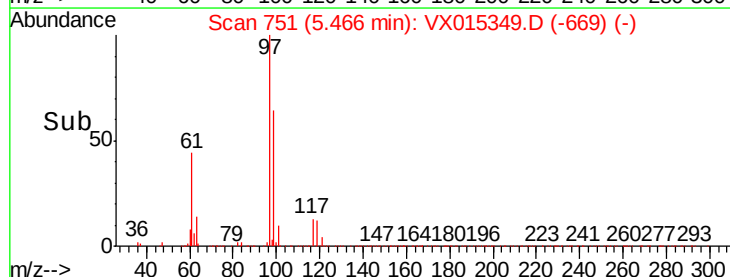
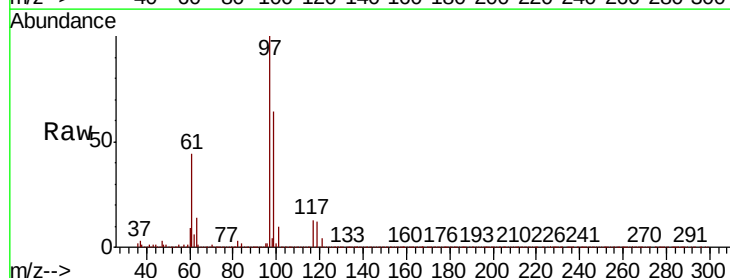
Tgt Ion: 97 Resp: 1989691

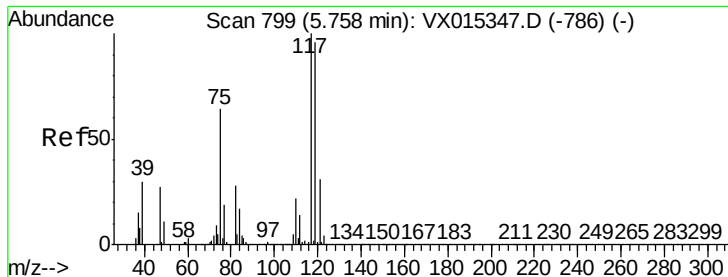
Ion Ratio Lower Upper

97 100

99 64.4 51.0 76.4

61 44.5 35.8 53.8





#33

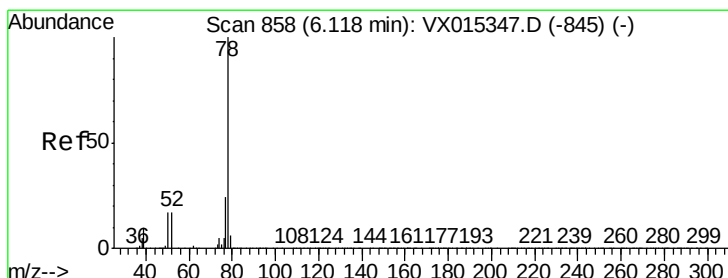
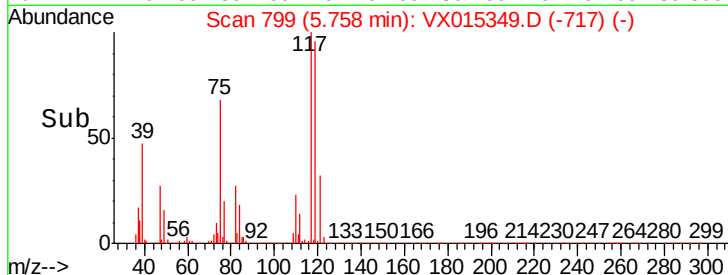
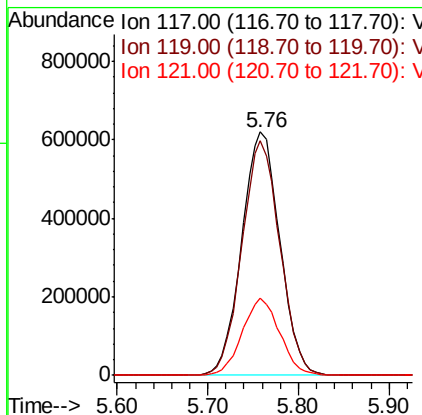
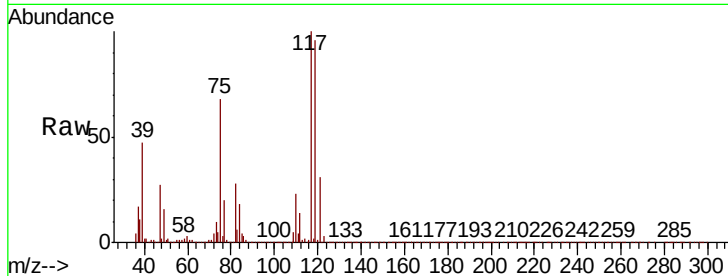
Carbon Tetrachloride
Concen: 112.734 ug/l
RT: 5.76 min Scan# 799
Delta R.T. 0.00 min
Lab File: VX015349.D
Acq: 25 Mar 2020 19:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.6	114.8
121	31.4	25.0	37.4

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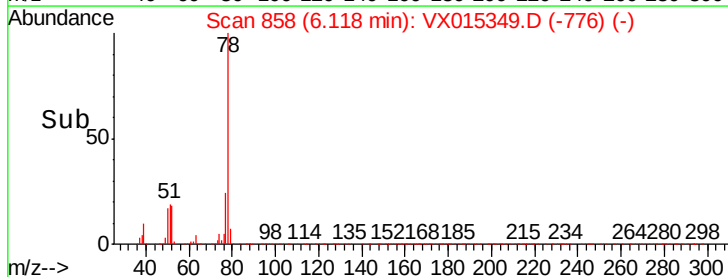
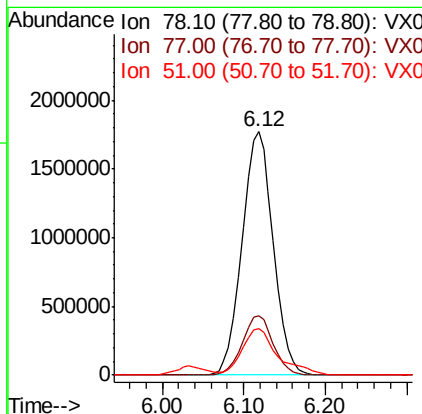
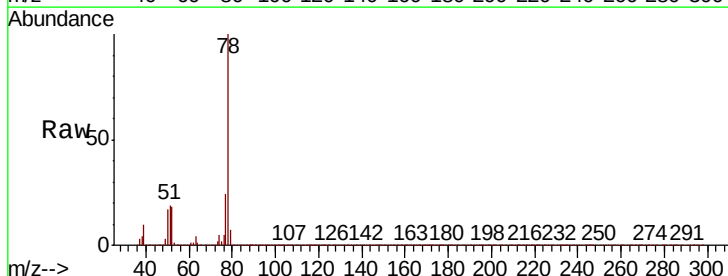
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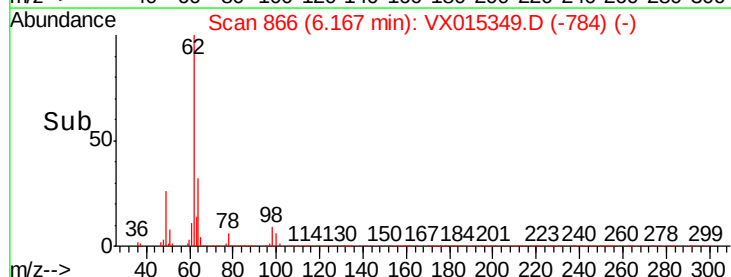
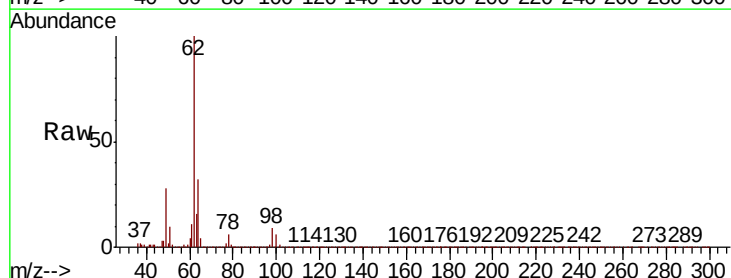
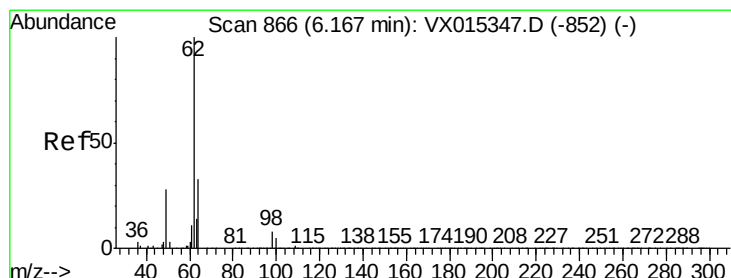
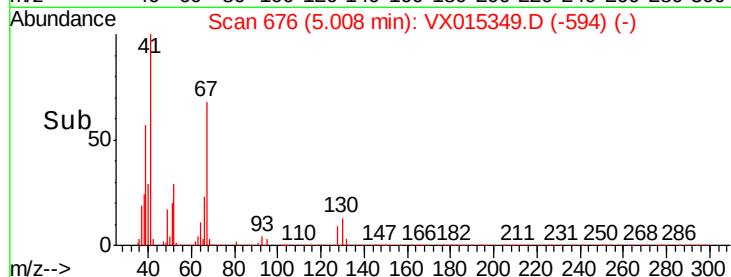
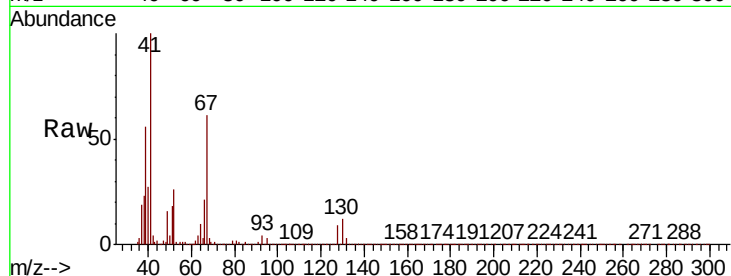
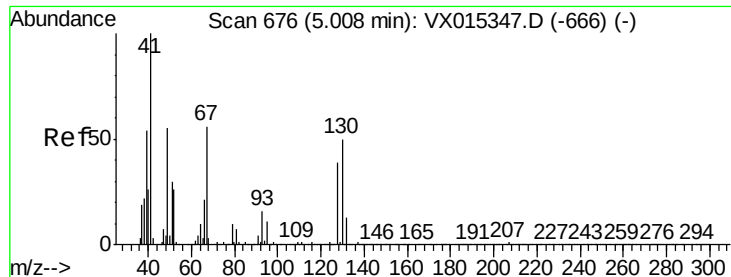


#34

Benzene
Concen: 94.354 ug/l
RT: 6.12 min Scan# 858
Delta R.T. 0.00 min
Lab File: VX015349.D
Acq: 25 Mar 2020 19:16

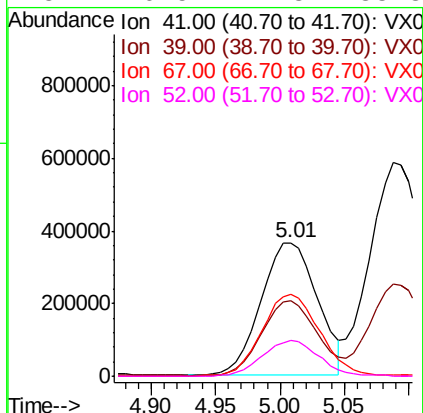
Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.4	29.2
51	18.8	14.6	21.8





#35
Methacrylonitrile
Concen: 110.566 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX015349.D
Acq: 25 Mar 2020 19:16

Tot Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	56.4	27.0	81.0
67	67	61.4	28.2	84.6
52	52	26.5	12.8	38.3



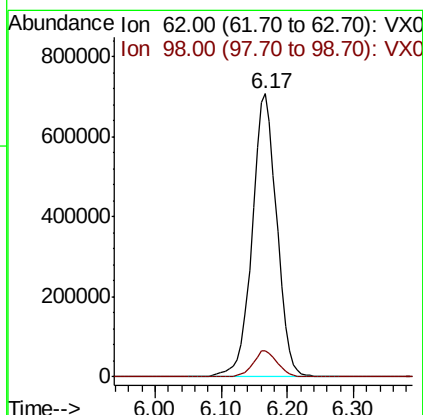
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

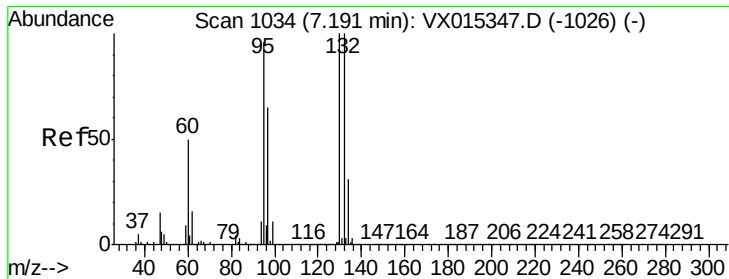
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#36
1,2-Dichloroethane
Concen: 107.431 ug/l
RT: 6.17 min Scan# 866
Delta R.T. 0.00 min
Lab File: VX015349.D
Acq: 25 Mar 2020 19:16

Tgt Ion	Ion	Ratio	Lower	Upper
62	62	100		
98	98	8.9	6.9	10.3





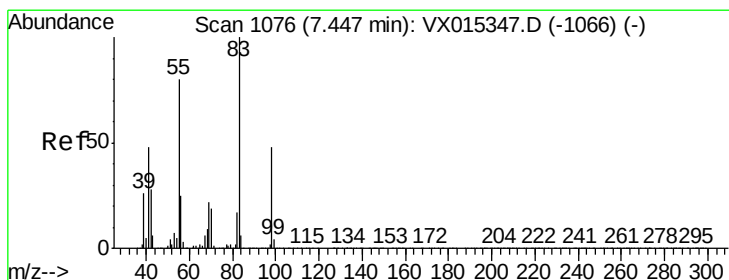
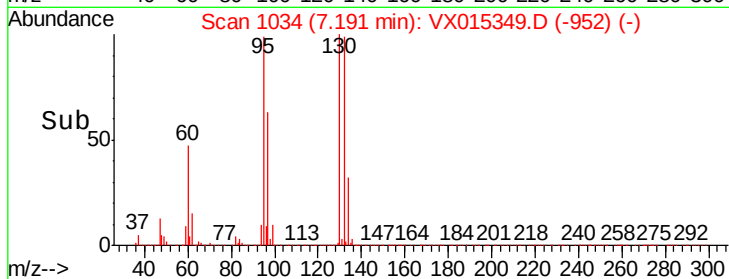
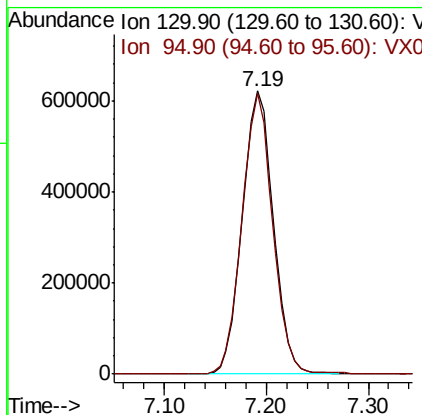
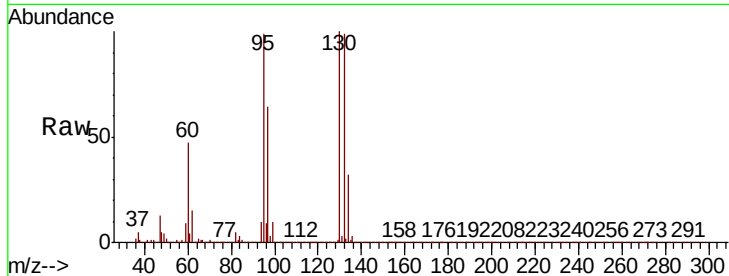
#37
 Trichloroethene
 Concen: 95.221 ug/l
 RT: 7.19 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: VX015349.D
 Acq: 25 Mar 2020 19:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion:130 Resp: 1319599
 Ion Ratio Lower Upper
 130 100
 95 99.2 76.4 114.6

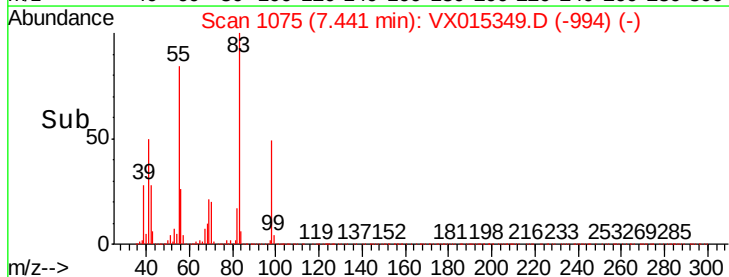
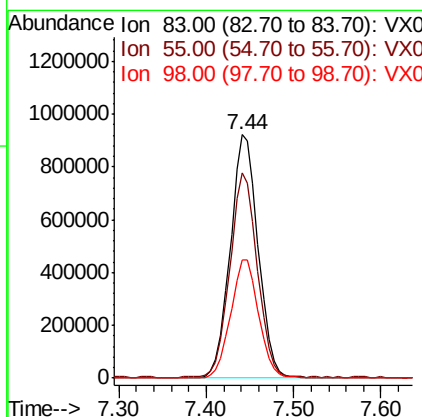
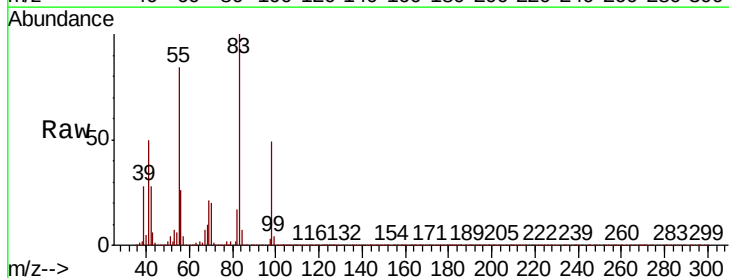
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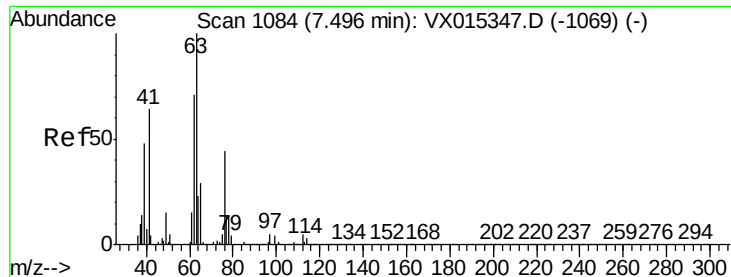
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#38
 Methylcyclohexane
 Concen: 99.239 ug/l
 RT: 7.44 min Scan# 1075
 Delta R.T. -0.01 min
 Lab File: VX015349.D
 Acq: 25 Mar 2020 19:16

Tgt Ion: 83 Resp: 2024079
 Ion Ratio Lower Upper
 83 100
 55 82.6 41.3 124.1
 98 48.8 24.0 72.0





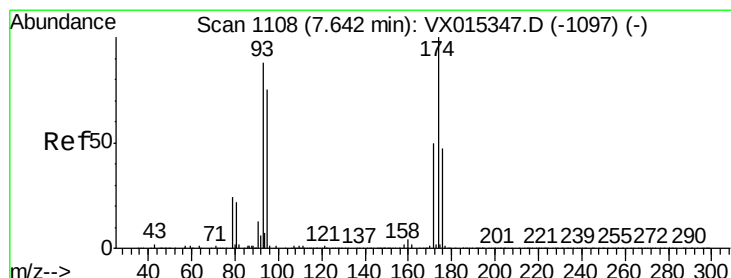
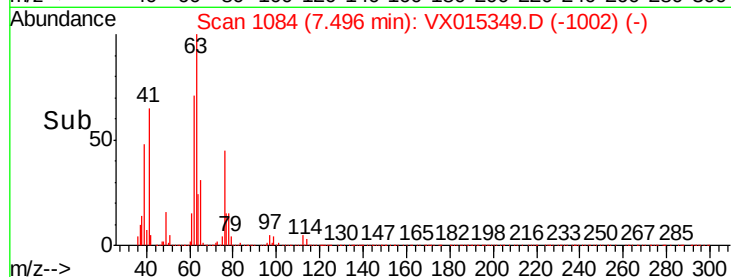
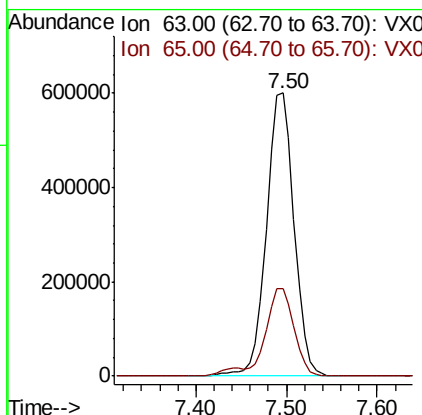
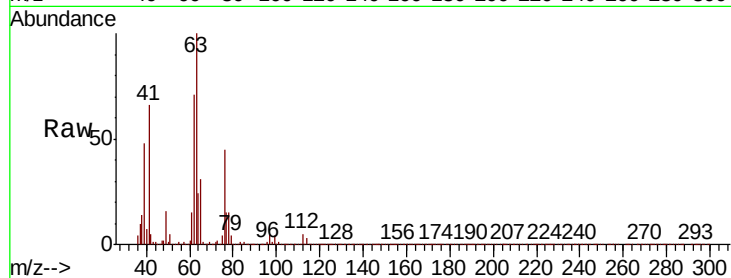
#39
 1,2-Dichloropropane
 Concen: 96.913 ug/l
 RT: 7.50 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: VX015349.D
 Acq: 25 Mar 2020 19:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion: 63 Resp: 1260549
 Ion Ratio Lower Upper
 63 100
 65 30.9 23.0 34.4

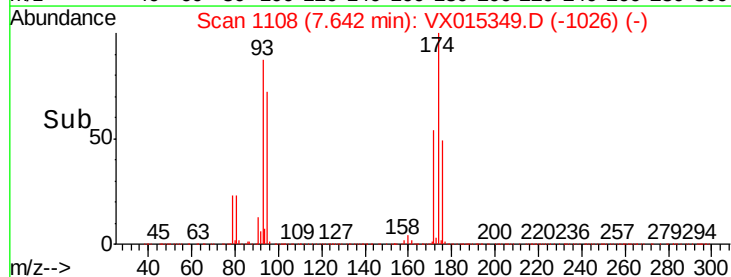
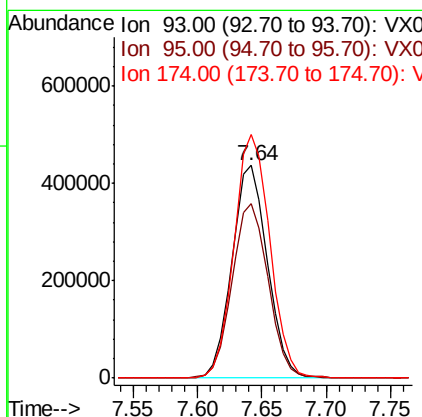
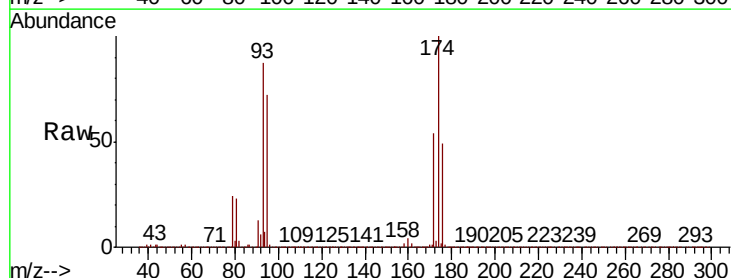
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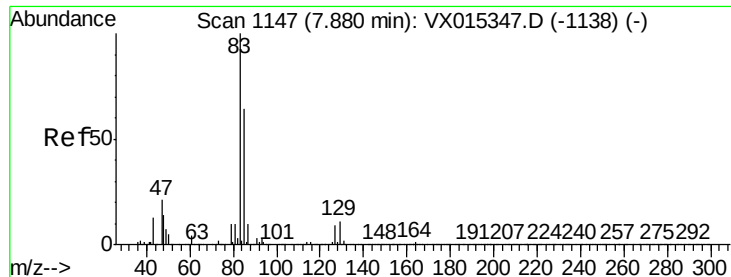
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#40
 Dibromomethane
 Concen: 100.312 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: VX015349.D
 Acq: 25 Mar 2020 19:16

Tgt Ion: 93 Resp: 834206
 Ion Ratio Lower Upper
 93 100
 95 83.3 0.0 166.4
 174 115.7 0.0 225.4





#41

Bromodichloromethane

Concen: 106.946 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. 0.00 min

Lab File: VX015349.D

Acq: 25 Mar 2020 19:16

Instrument :

MSVOA_X

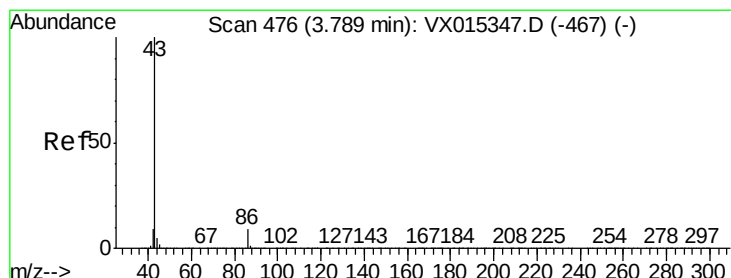
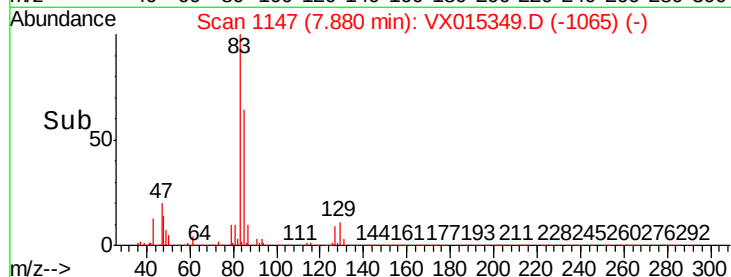
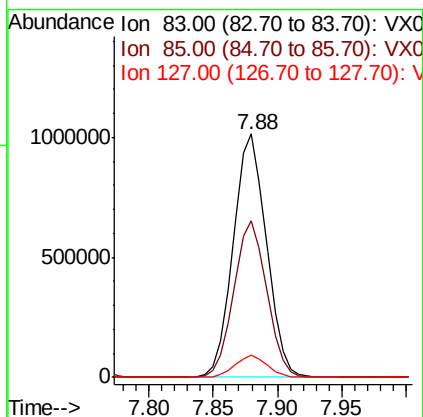
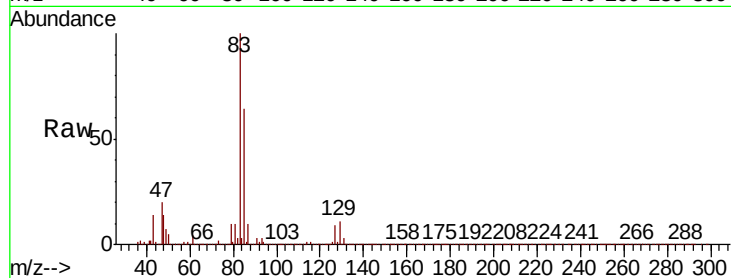
ClientSampleId :

VSTDICC100

Tot Ion:	83	Resp:	1804770
Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.6	77.4
127	8.9	7.0	10.4

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#42

Vinyl Acetate

Concen: 495.131 ug/l

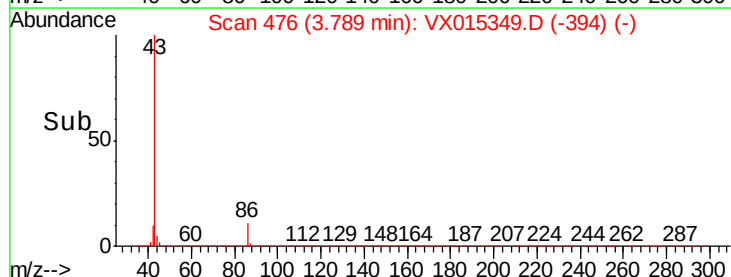
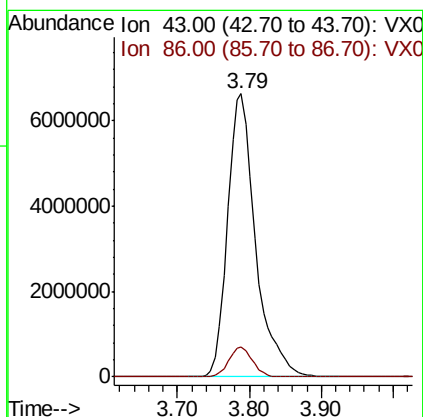
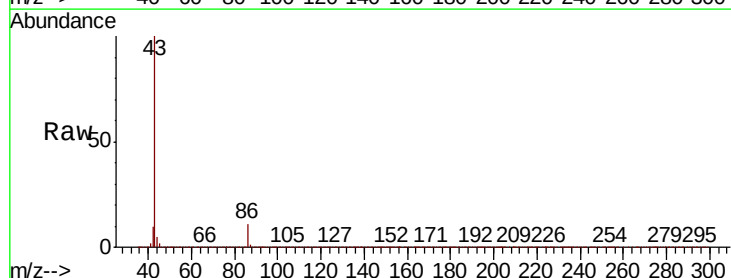
RT: 3.79 min Scan# 476

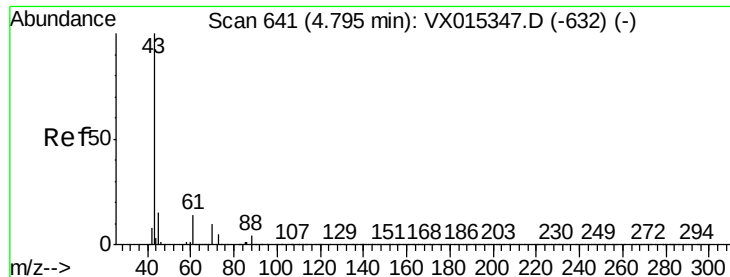
Delta R.T. 0.00 min

Lab File: VX015349.D

Acq: 25 Mar 2020 19:16

Tgt Ion:	43	Resp:	17880369
Ion	Ratio	Lower	Upper
43	100		
86	9.0	6.9	10.3





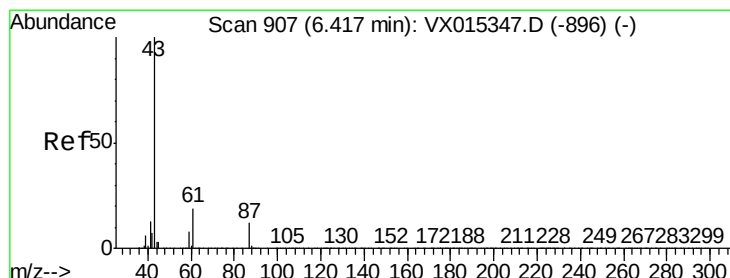
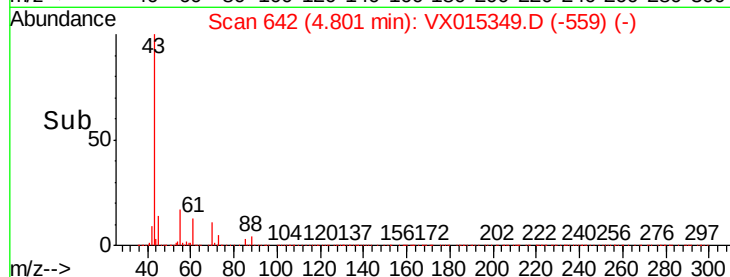
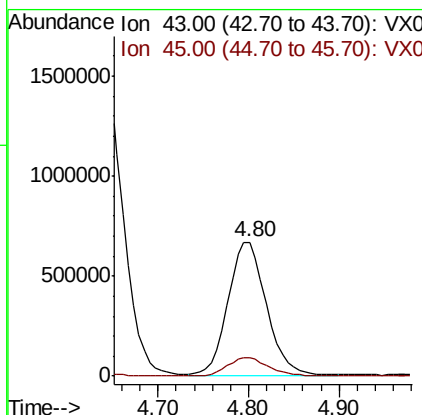
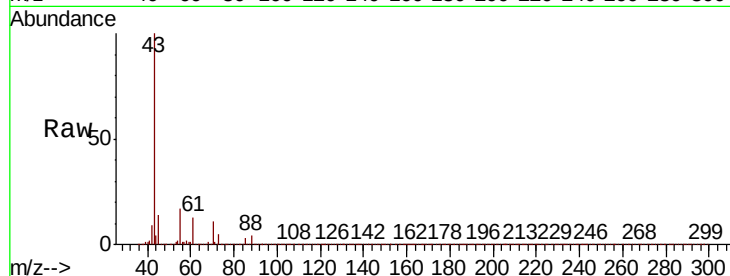
#43
Ethyl Acetate
Concen: 110.773 ug/l
RT: 4.80 min Scan# 642
Delta R.T. 0.01 min
Lab File: VX015349.D
Acq: 25 Mar 2020 19:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 43 Resp: 1944133
Ion Ratio Lower Upper
43 100
45 14.5 12.2 18.4

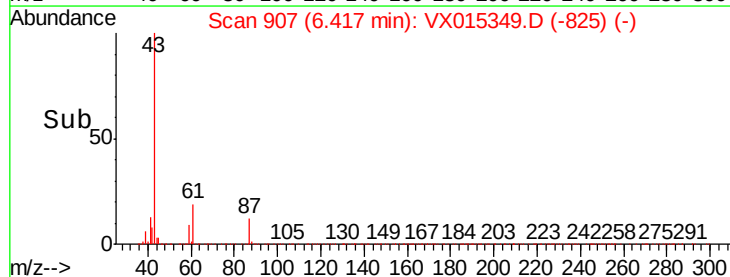
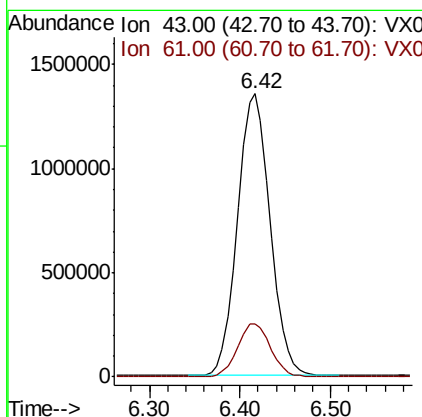
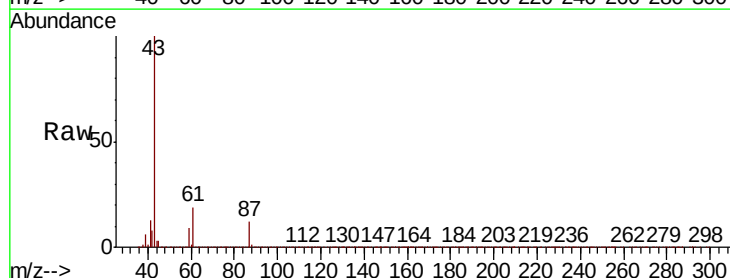
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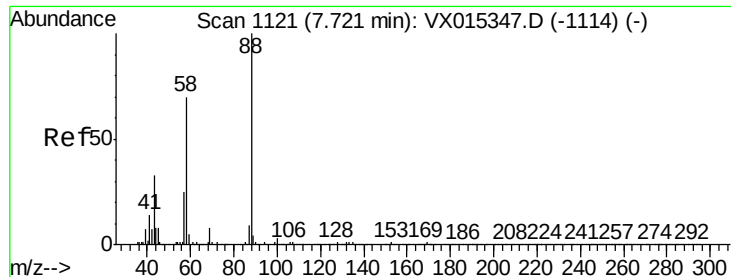
apatel
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#44
Isopropyl Acetate
Concen: 114.363 ug/l
RT: 6.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: VX015349.D
Acq: 25 Mar 2020 19:16

Tgt Ion: 43 Resp: 3390404
Ion Ratio Lower Upper
43 100
61 19.1 14.6 22.0





#45

1,4-Dioxane

Concen: 2131.988 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. -0.01 min

Lab File: VX015349.D

Acq: 25 Mar 2020 19:16

Instrument :

MSVOA_X

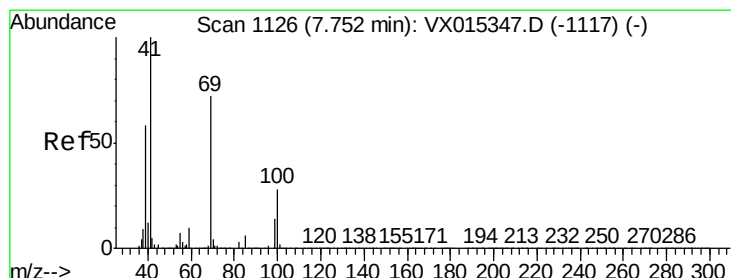
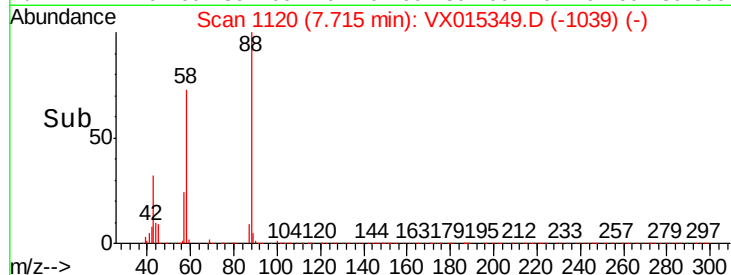
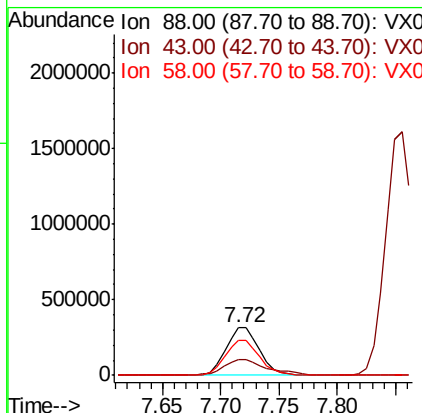
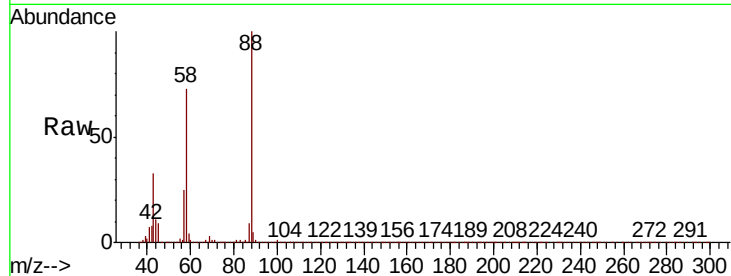
ClientSampleId :

VSTDICC100

Tot Ion:	88	Resp:	622664
Ion	Ratio	Lower	Upper
88	100		
43	37.8	32.1	48.1
58	75.8	59.4	89.0

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#46

Methyl methacrylate

Concen: 115.933 ug/l

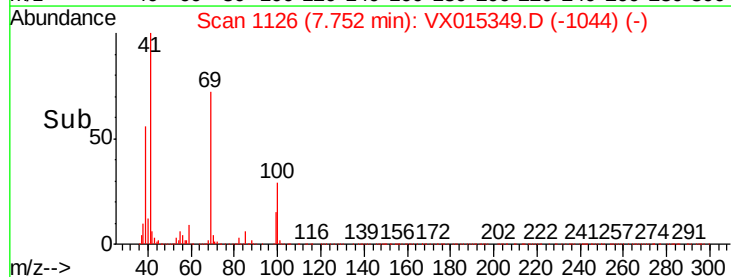
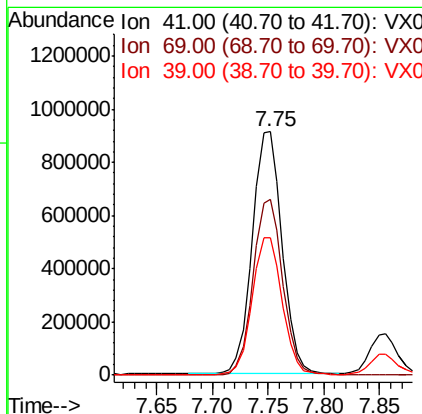
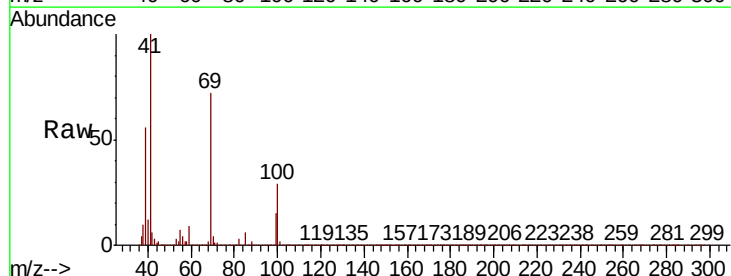
RT: 7.75 min Scan# 1126

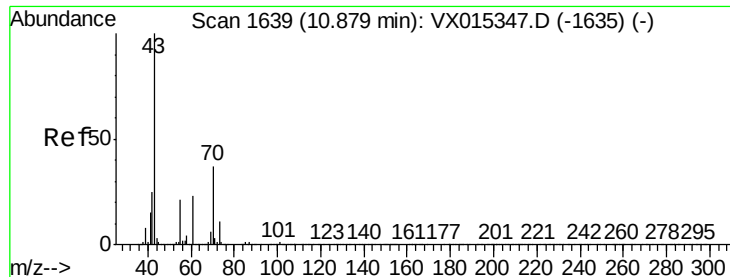
Delta R.T. 0.00 min

Lab File: VX015349.D

Acq: 25 Mar 2020 19:16

Tgt Ion:	41	Resp:	1712117
Ion	Ratio	Lower	Upper
41	100		
69	72.2	35.8	107.4
39	56.4	28.9	86.8





#47

n-amvl Acetate

Concen: 113.214 ug/l

RT: 10.89 min Scan# 1640

Delta R.T. 0.01 min

Lab File: VX015349.D

Acq: 25 Mar 2020 19:16

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

Tot Ion: 43 Resp: 2987816

Ion Ratio Lower Upper

43 100

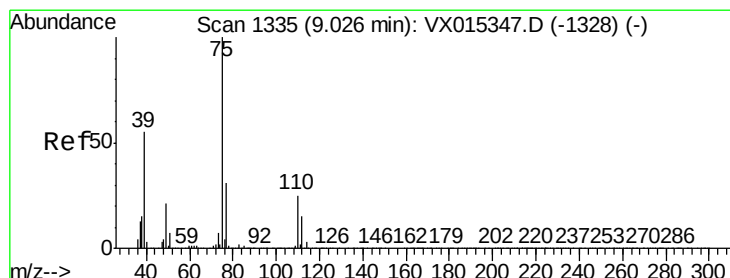
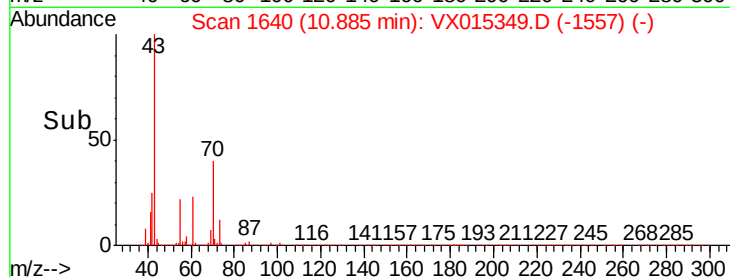
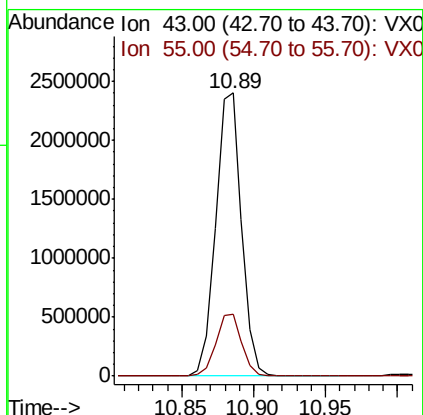
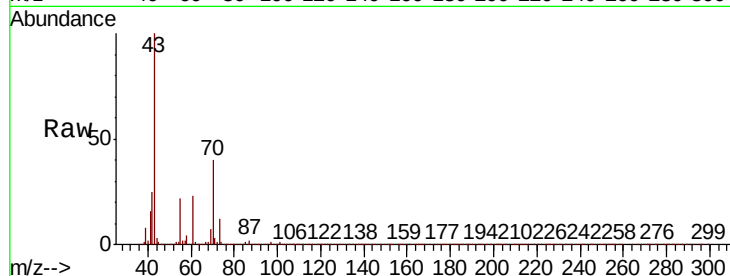
55 21.6 17.0 25.6

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#48

t-1,3-Dichloropropene

Concen: 113.698 ug/l

RT: 9.03 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VX015349.D

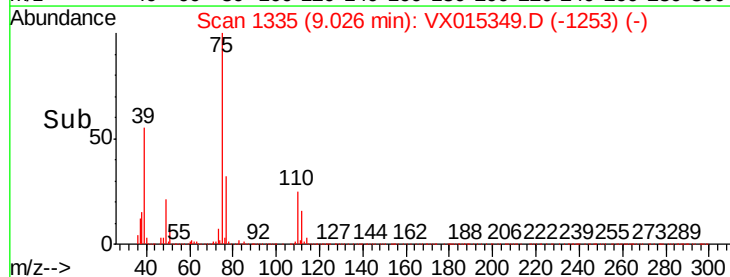
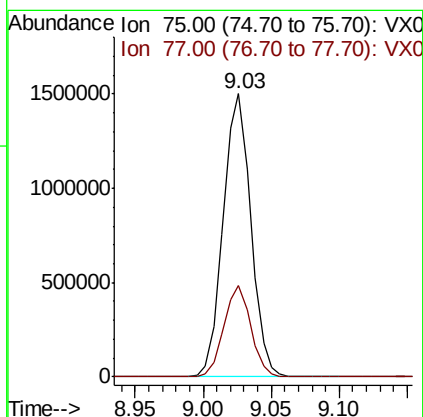
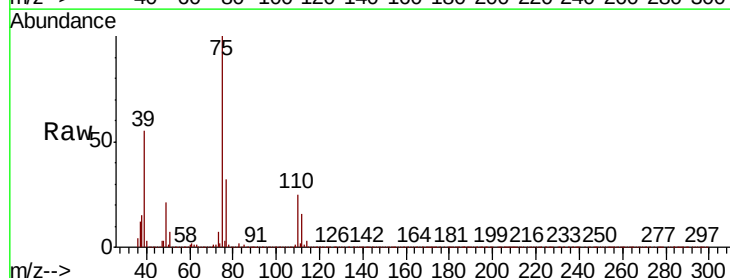
Acq: 25 Mar 2020 19:16

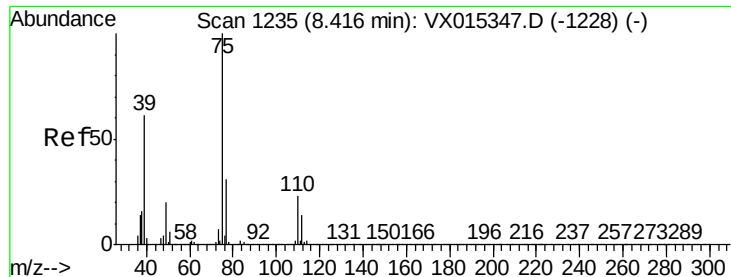
Tgt Ion: 75 Resp: 2114156

Ion Ratio Lower Upper

75 100

77 32.1 24.6 37.0





#49

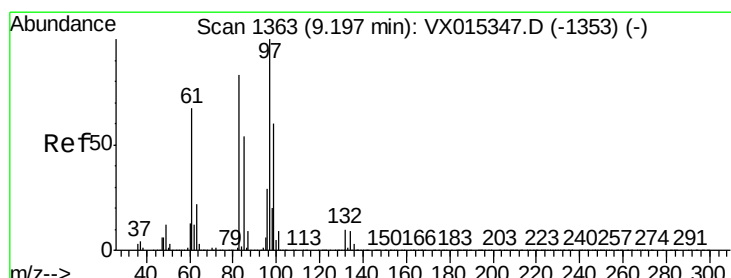
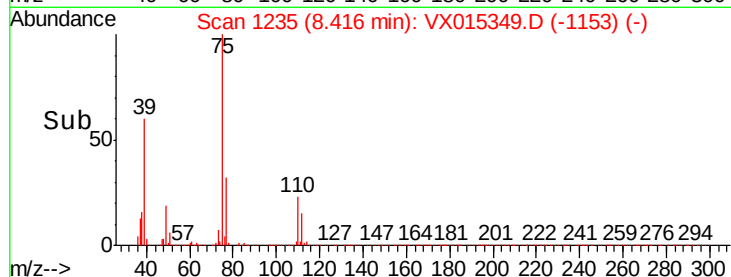
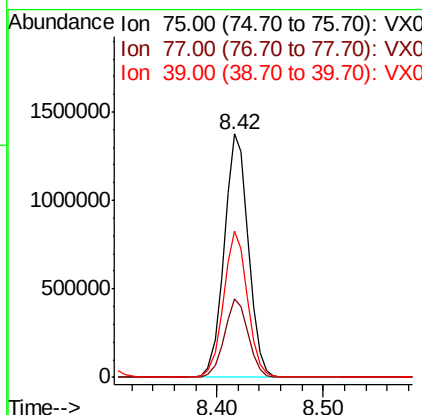
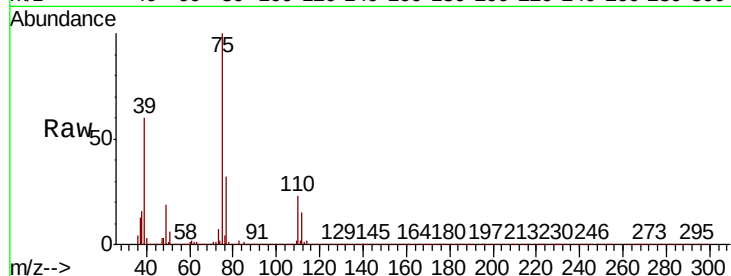
cis-1,3-Dichloropropene
Concen: 105.597 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX015349.D
Acq: 25 Mar 2020 19:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.4	24.6	36.8
39	59.8	48.9	73.3

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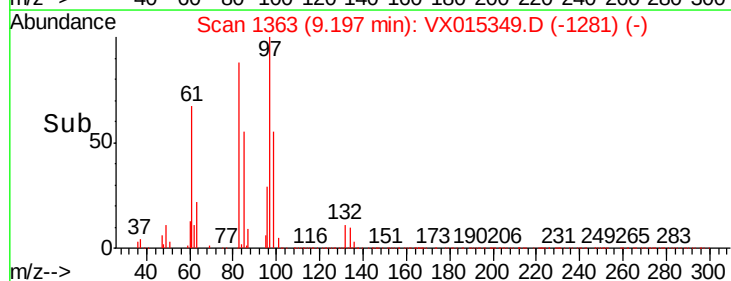
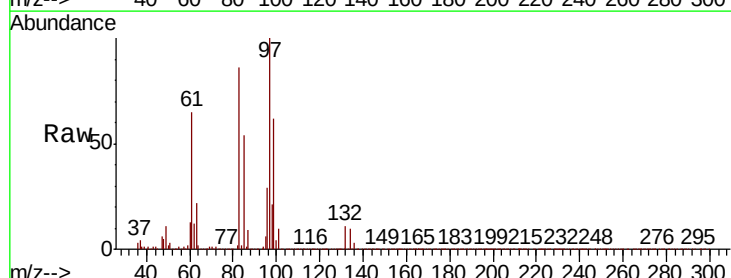
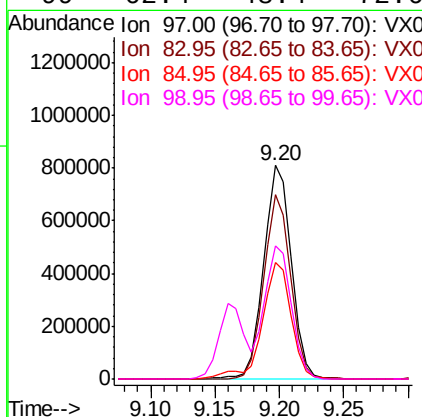
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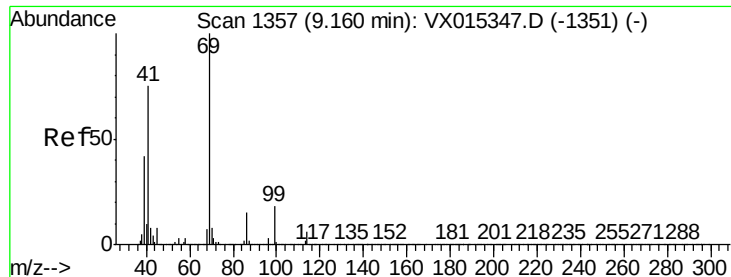


#50

1,1,2-Trichloroethane
Concen: 97.731 ug/l
RT: 9.20 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VX015349.D
Acq: 25 Mar 2020 19:16

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.2	66.8	100.2
85	54.4	43.3	64.9
99	62.4	48.4	72.6





#51

Ethyl methacrylate

Concen: 107.129 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. 0.00 min

Lab File: VX015349.D

Acq: 25 Mar 2020 19:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 69 Resp: 2086439

Ion Ratio Lower Upper

69 100

41 77.2 37.4 112.2

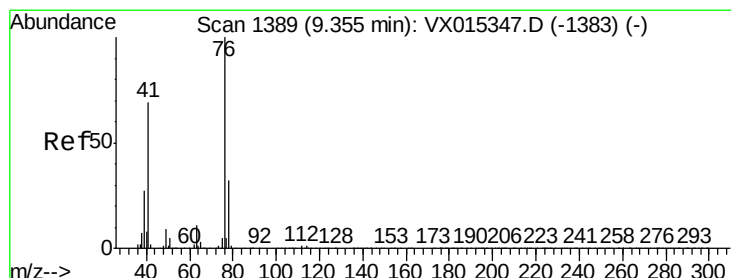
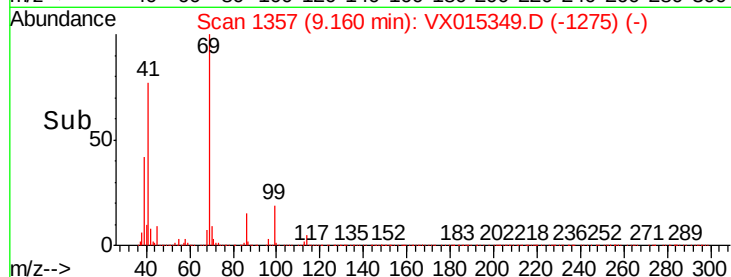
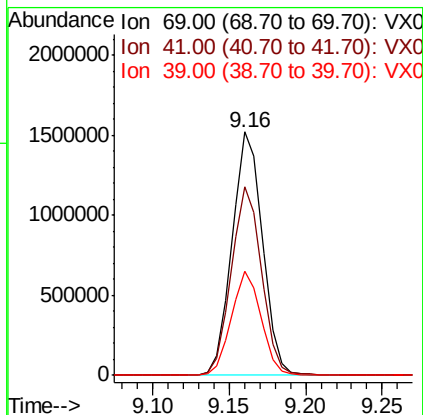
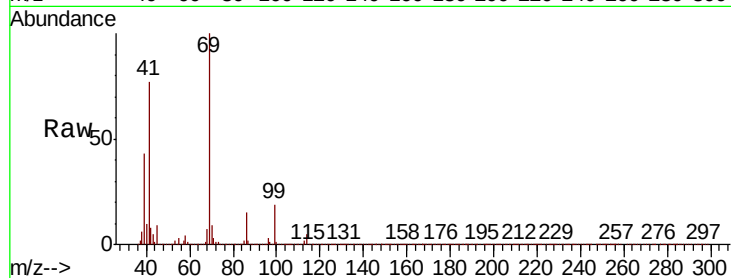
39 42.7 21.1 63.1

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#52

1,3-Dichloropropane

Concen: 99.402 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX015349.D

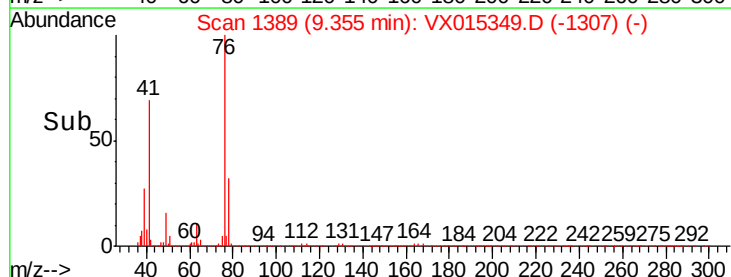
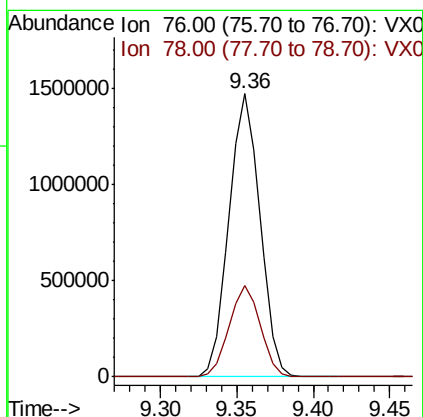
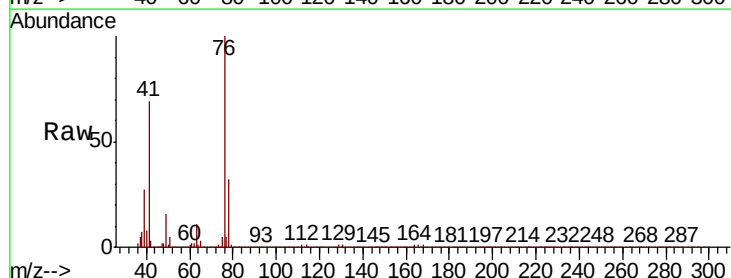
Acq: 25 Mar 2020 19:16

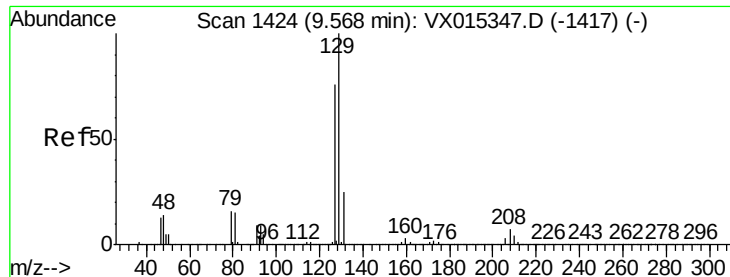
Tgt Ion: 76 Resp: 2070243

Ion Ratio Lower Upper

76 100

78 32.2 0.0 63.2





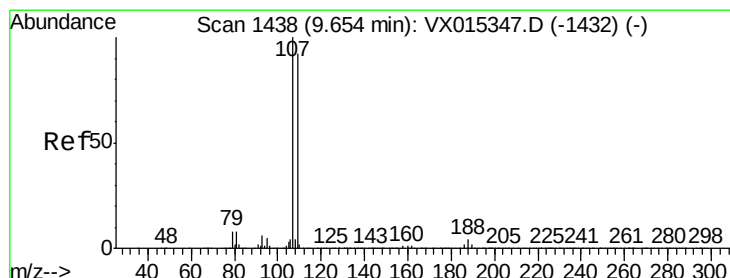
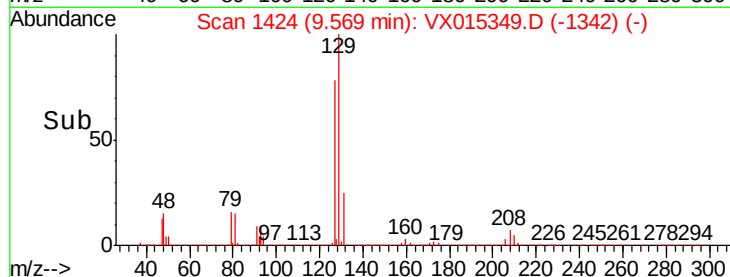
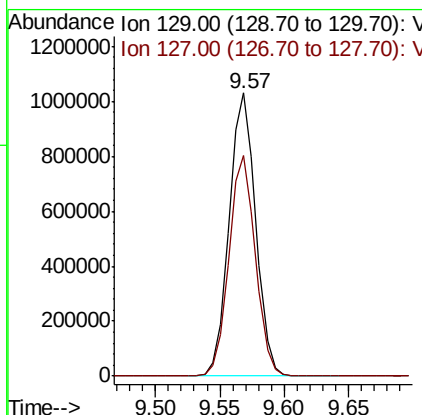
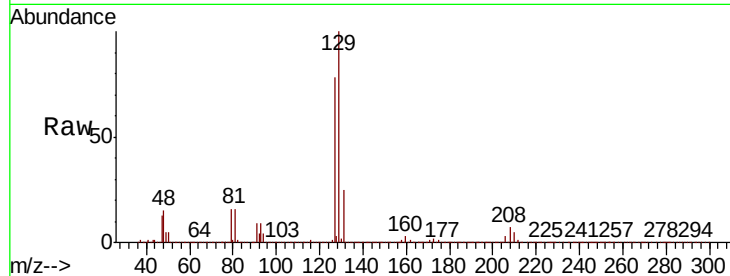
#53
Dibromochloromethane
Concen: 110.115 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. 0.00 min
Lab File: VX015349.D
Acq: 25 Mar 2020 19:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:129 Resp: 1483737
Ion Ratio Lower Upper
129 100
127 77.7 38.6 115.7

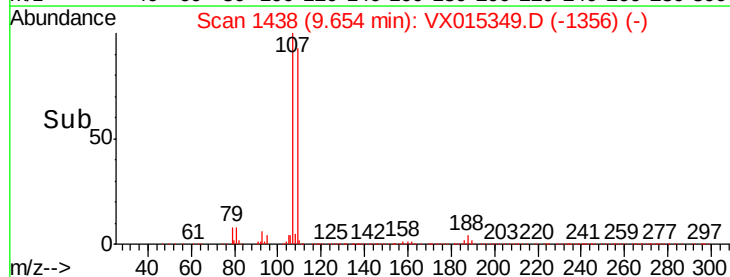
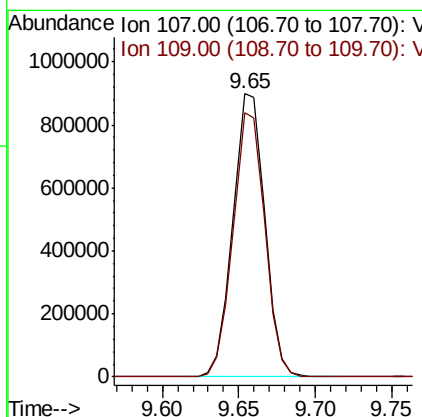
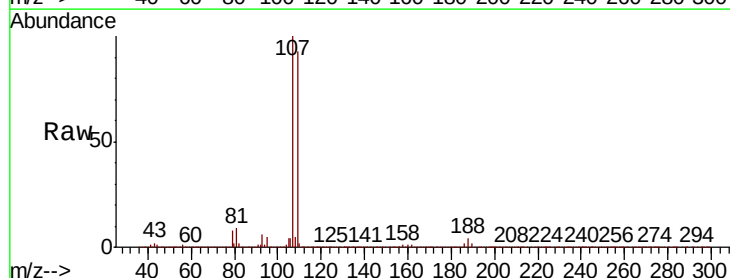
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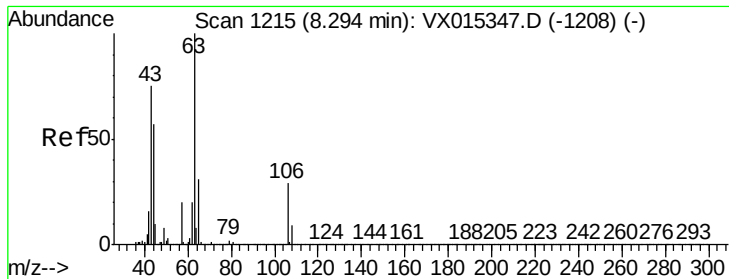
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#54
1,2-Dibromoethane
Concen: 101.932 ug/l
RT: 9.65 min Scan# 1438
Delta R.T. 0.00 min
Lab File: VX015349.D
Acq: 25 Mar 2020 19:16

Tgt Ion:107 Resp: 1296288
Ion Ratio Lower Upper
107 100
109 93.1 75.0 112.6





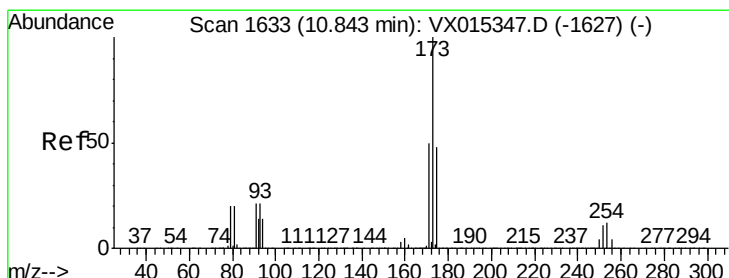
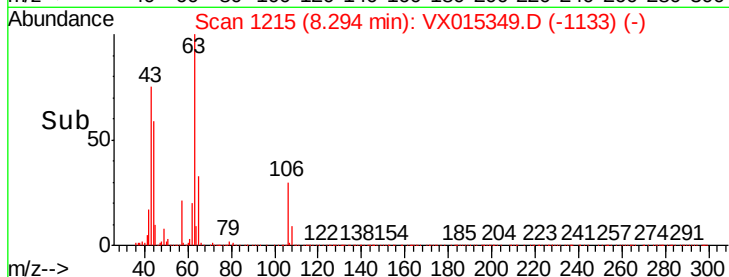
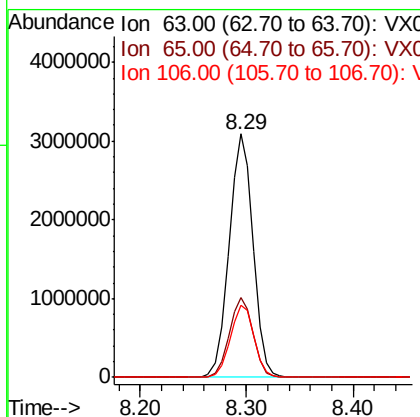
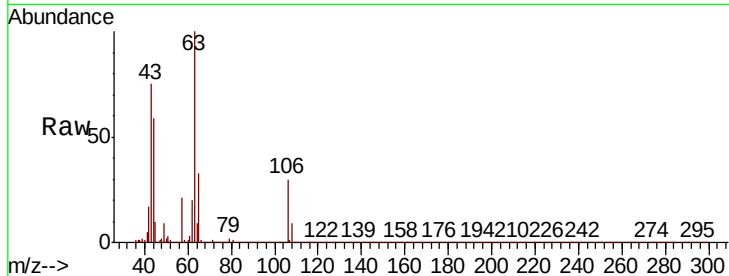
#55
2-Chloroethyl vinyl ether
Concen: 497.488 ug/l
RT: 8.29 min Scan# 1215
Delta R.T. 0.00 min
Lab File: VX015349.D
Acq: 25 Mar 2020 19:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.5	25.5	38.3
106	29.6	23.1	34.7

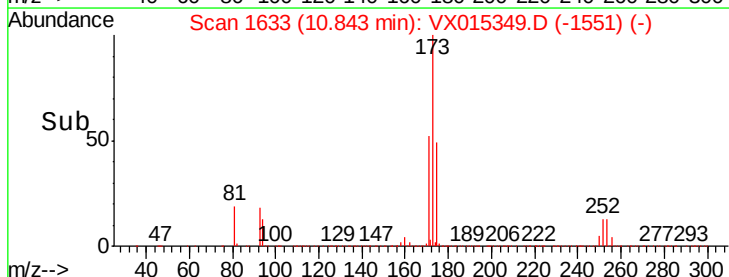
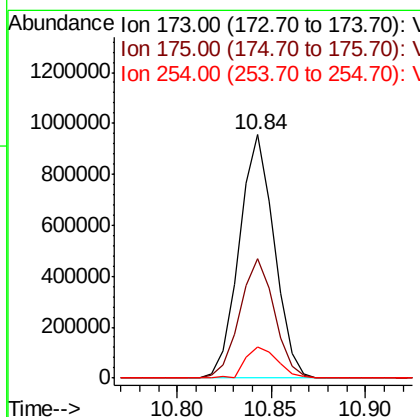
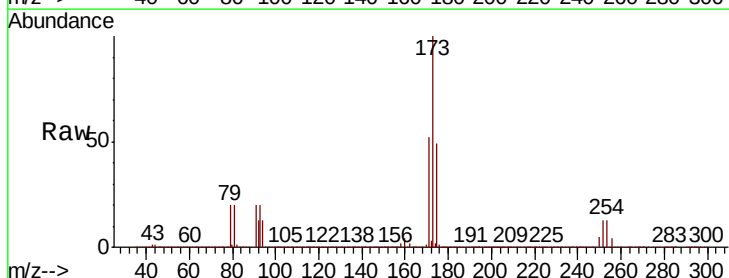
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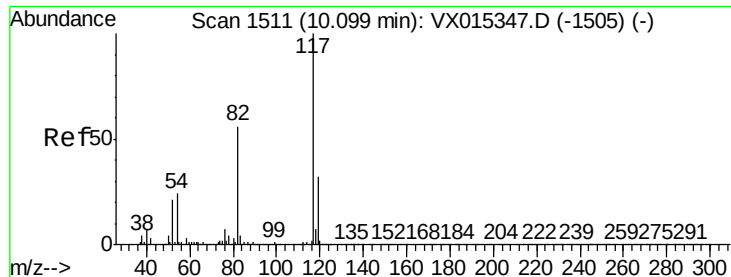
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#56
Bromoform
Concen: 116.324 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VX015349.D
Acq: 25 Mar 2020 19:16

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.7	39.0	58.4
254	11.5	9.4	14.2





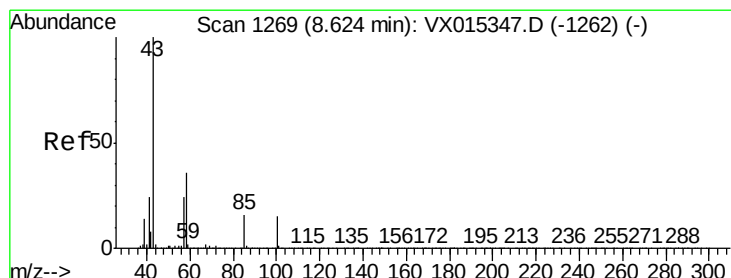
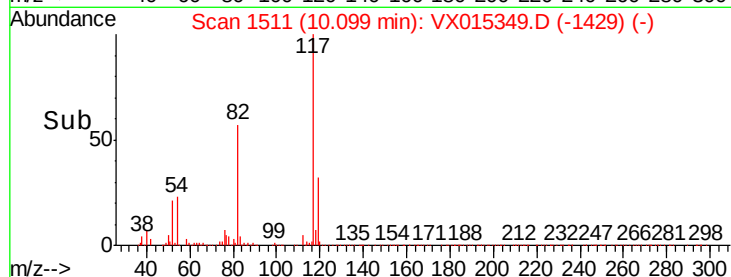
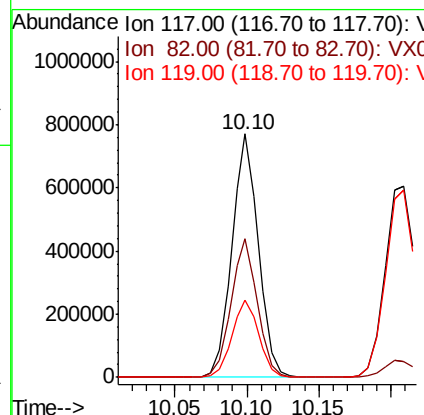
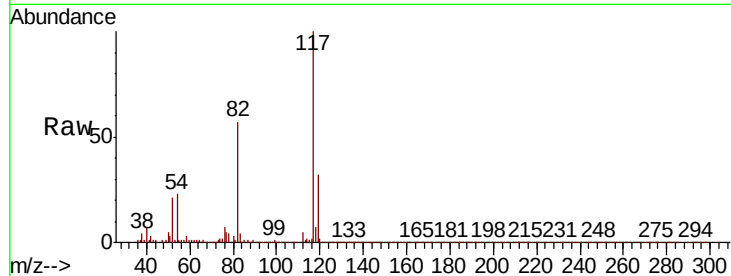
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015349.D
Acq: 25 Mar 2020 19:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.3	45.0	67.6
119	32.1	25.5	38.3

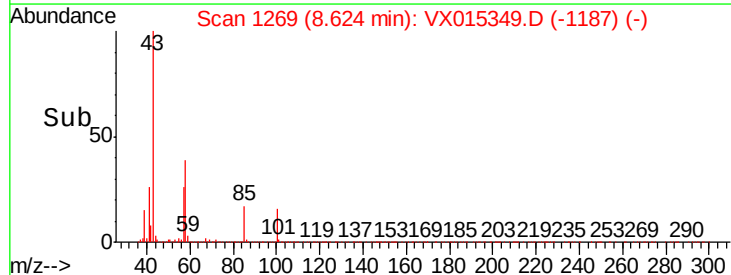
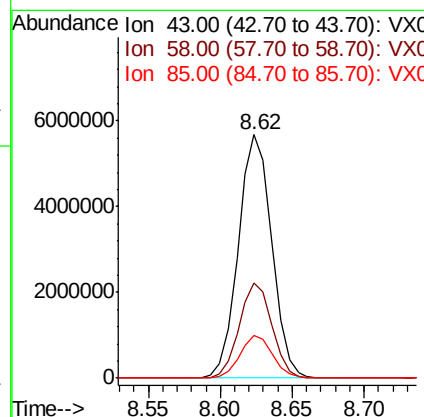
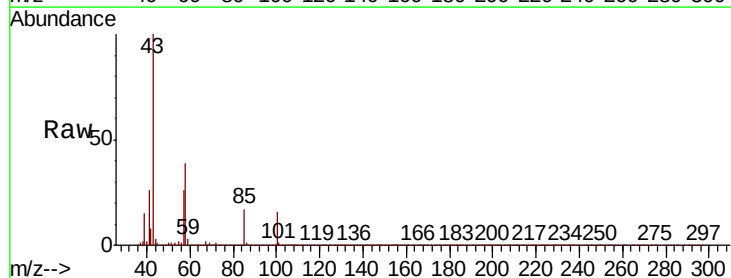
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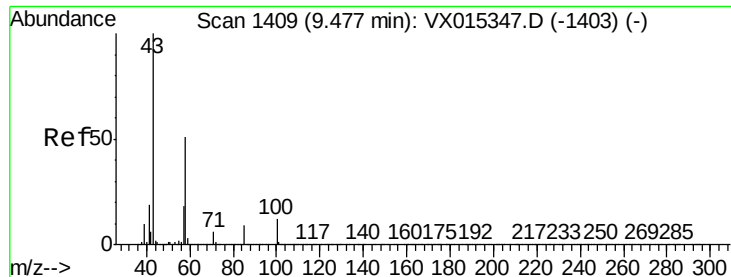
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#58
4-Methyl-2-Pentanone
Concen: 520.031 ug/l
RT: 8.62 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VX015349.D
Acq: 25 Mar 2020 19:16

Tgt Ion	Ratio	Lower	Upper
43	100		
58	38.3	29.4	44.0
85	17.1	13.0	19.4





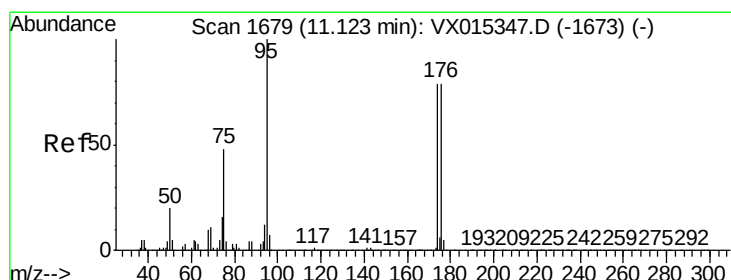
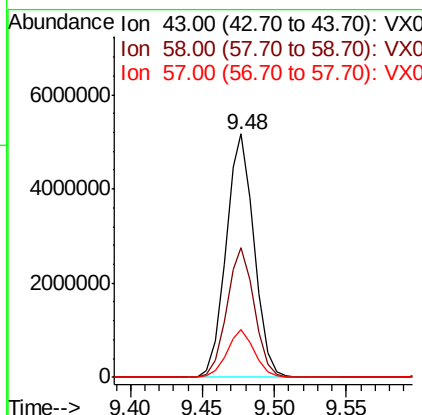
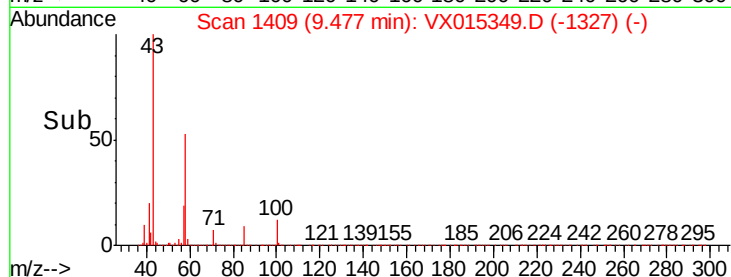
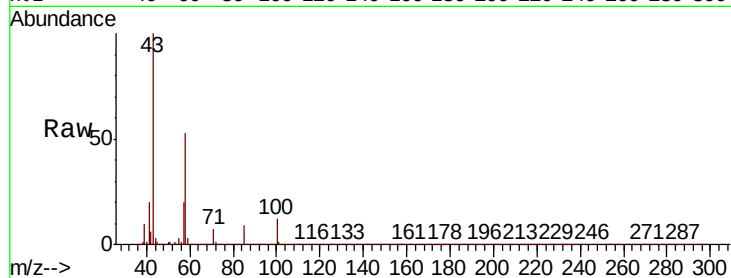
#59
2-Hexanone
Concen: 530.532 ug/l
RT: 9.48 min Scan# 1409
Delta R.T. 0.00 min
Lab File: VX015349.D
Acq: 25 Mar 2020 19:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 43 Resp: 7034793
Ion Ratio Lower Upper
43 100
58 52.5 40.2 60.4
57 19.0 14.6 22.0

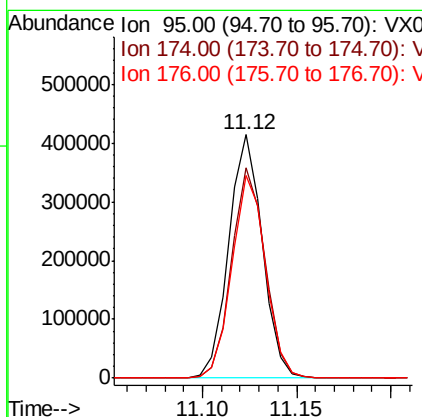
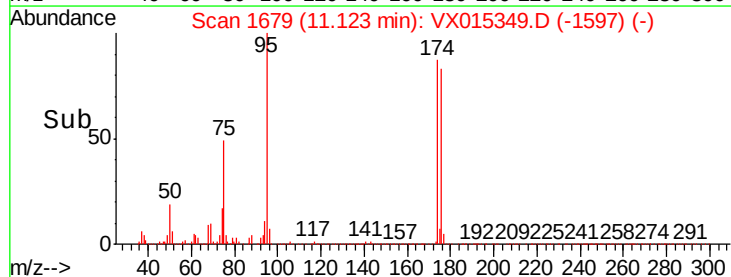
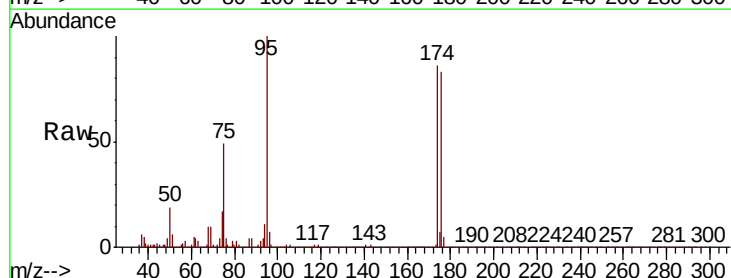
Manual Integrations
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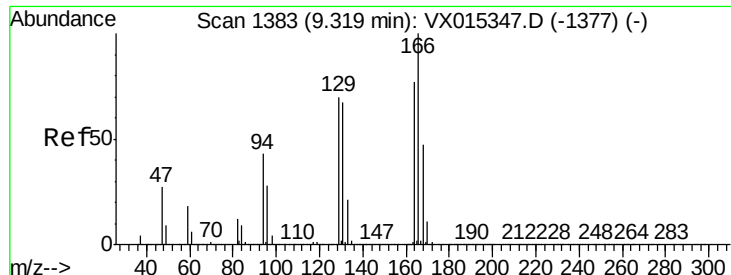
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#60
4-Bromofluorobenzene
Concen: 31.667 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VX015349.D
Acq: 25 Mar 2020 19:16

Tgt Ion: 95 Resp: 508737
Ion Ratio Lower Upper
95 100
174 86.3 66.4 99.6
176 83.8 64.1 96.1





#61

Tetrachloroethene

Concen: 91.246 ug/l

RT: 9.32 min Scan# 1383

Delta R.T. 0.00 min

Lab File: VX015349.D

Acq: 25 Mar 2020 19:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:164 Resp: 1244027

Ion Ratio Lower Upper

164 100

166 127.4 103.6 155.4

129 92.4 72.6 108.8

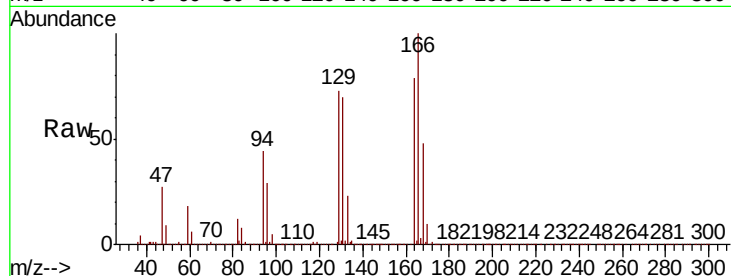
131 88.9 69.8 104.6

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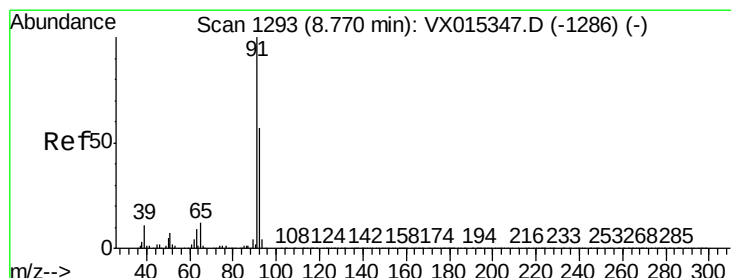
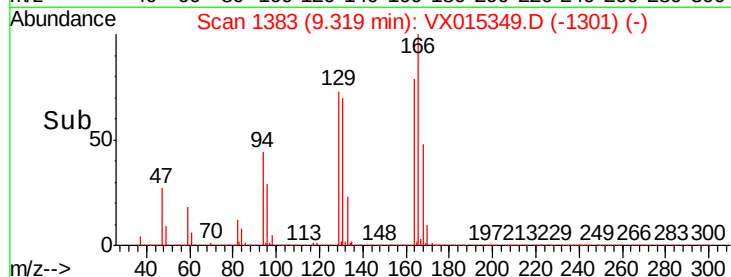
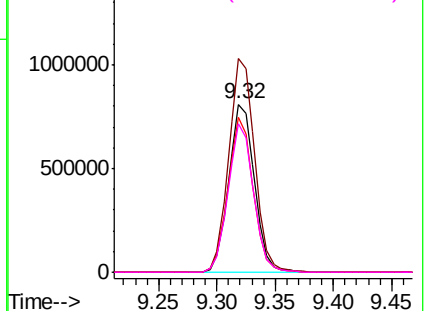
Abundance

Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 95.247 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX015349.D

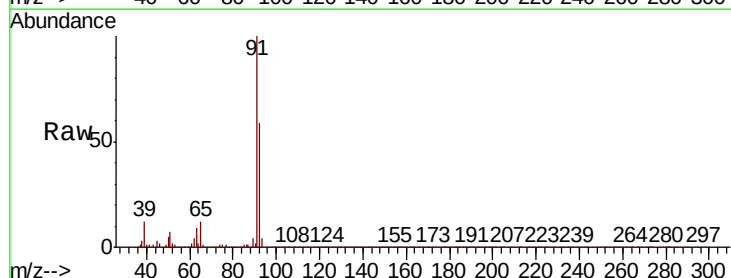
Acq: 25 Mar 2020 19:16

Tgt Ion: 91 Resp: 5001968

Ion Ratio Lower Upper

91 100

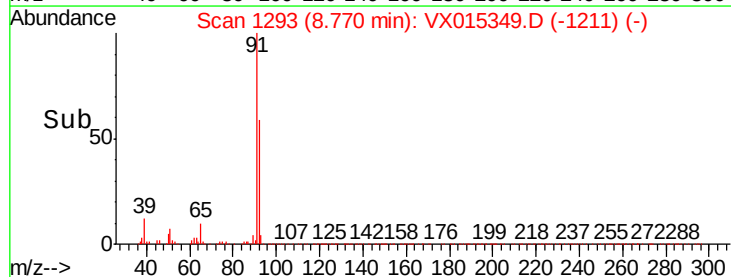
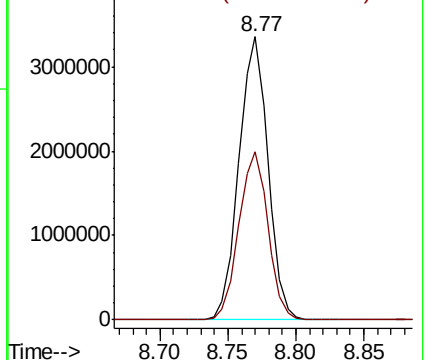
92 59.6 46.7 70.1

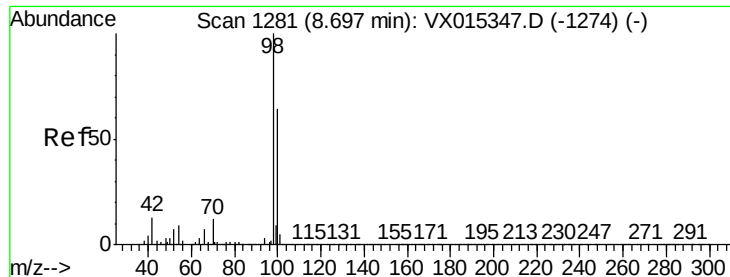


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 29.162 ug/l

RT: 8.70 min Scan# 1282

Delta R.T. 0.01 min

Lab File: VX015349.D

Acq: 25 Mar 2020 19:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tot Ion: 98 Resp: 1250699

Ion Ratio Lower Upper

98 100

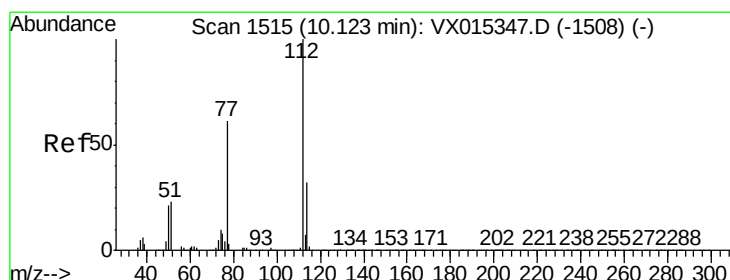
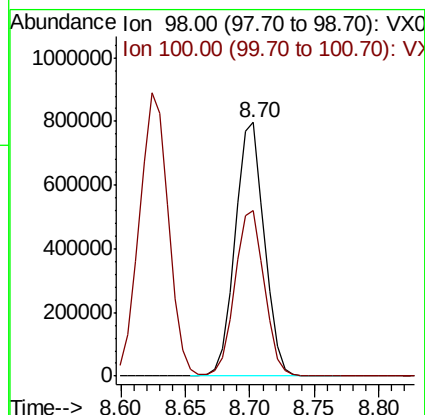
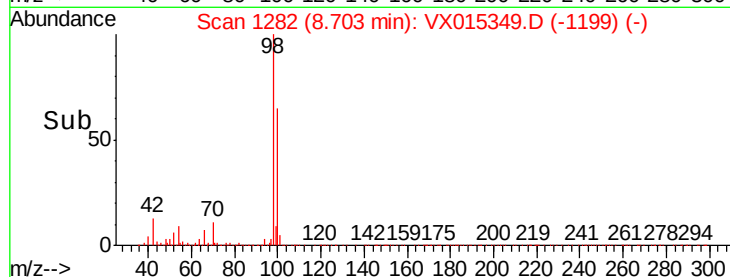
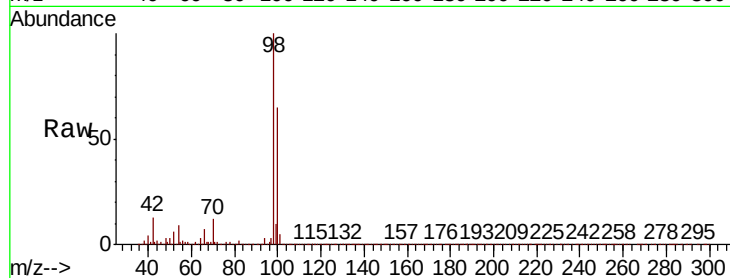
100 65.9 52.2 78.2

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#64

Chlorobenzene

Concen: 97.856 ug/l

RT: 10.12 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VX015349.D

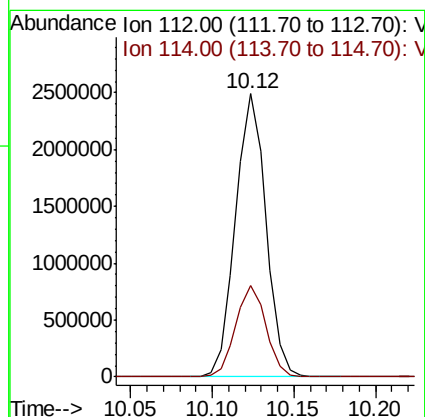
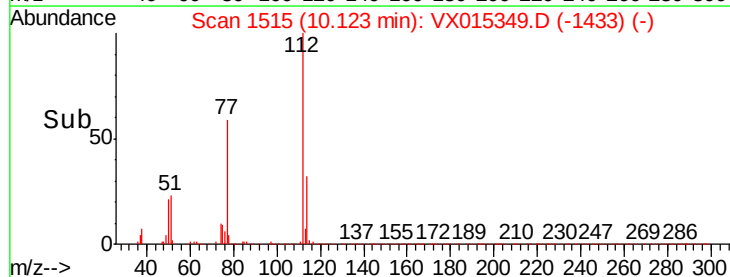
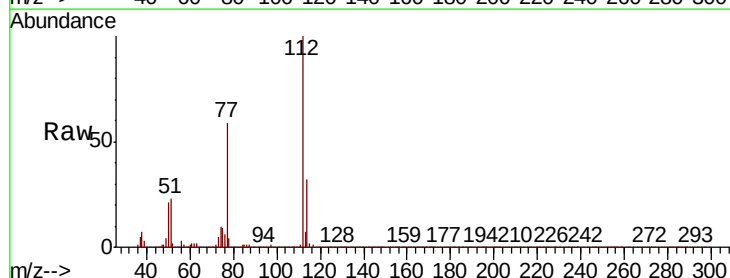
Acq: 25 Mar 2020 19:16

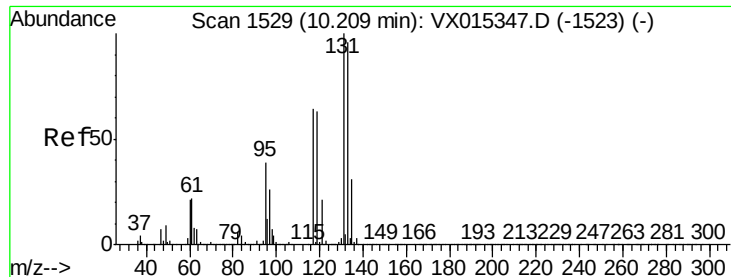
Tgt Ion: 112 Resp: 3243933

Ion Ratio Lower Upper

112 100

114 32.1 25.8 38.8





#65

1,1,1,2-Tetrachloroethane

Concen: 105.168 ug/l

RT: 10.21 min Scan# 1529

Delta R.T. 0.00 min

Lab File: VX015349.D

Acq: 25 Mar 2020 19:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:131 Resp: 1308569

Ion Ratio Lower Upper

131 100

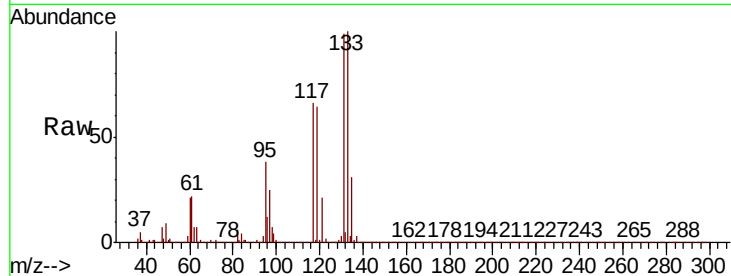
133 96.7 0.0 193.6

119 63.4 0.0 128.0

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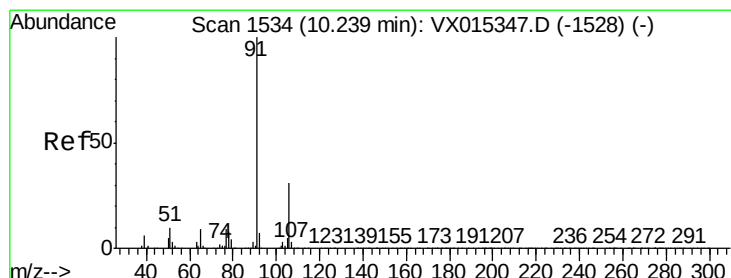
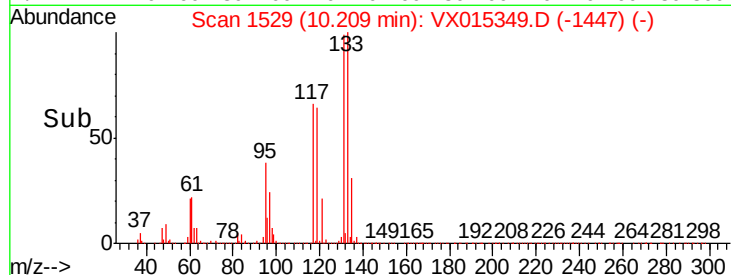
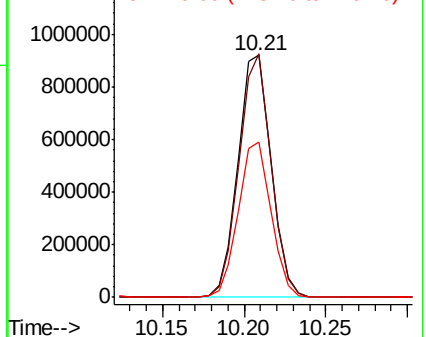


Abundance

Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 97.731 ug/l

RT: 10.24 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VX015349.D

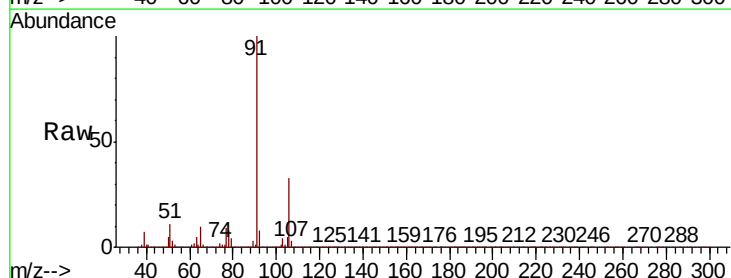
Acq: 25 Mar 2020 19:16

Tgt Ion: 91 Resp: 5706171

Ion Ratio Lower Upper

91 100

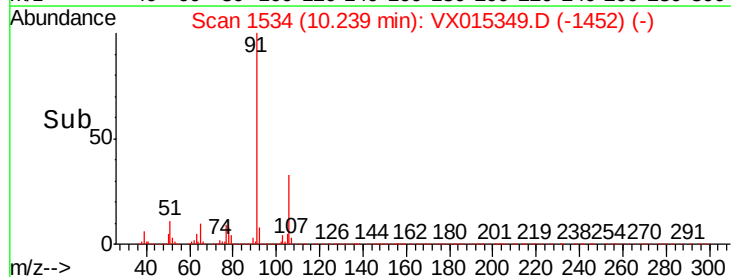
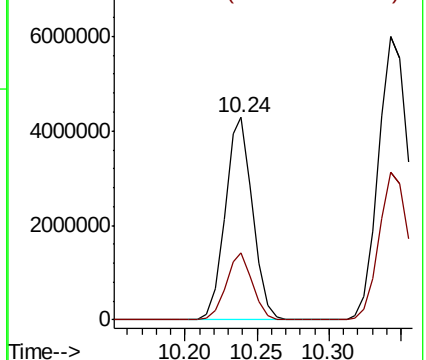
106 32.9 25.0 37.6

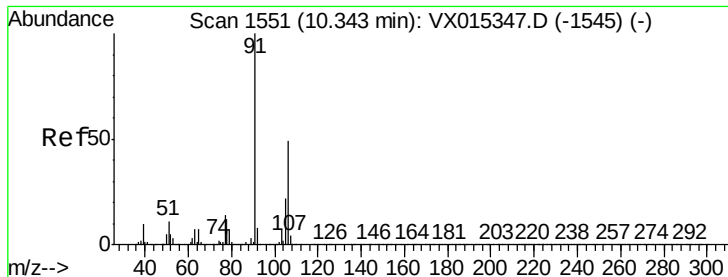


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





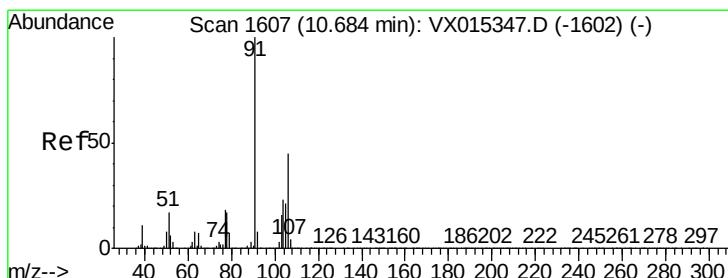
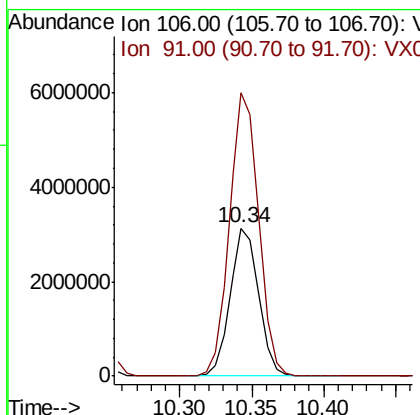
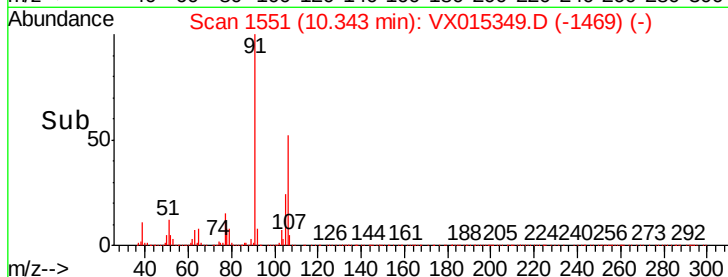
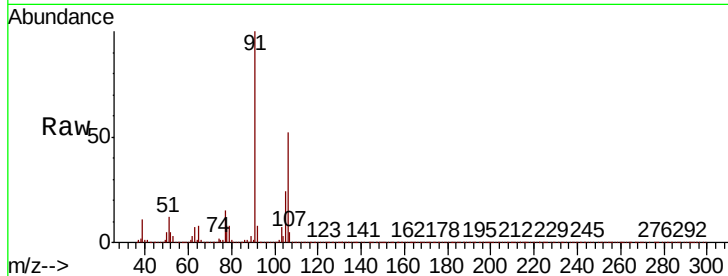
#67
m/p-Xylenes
Concen: 194.095 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. 0.00 min
Lab File: VX015349.D
Acq: 25 Mar 2020 19:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:106 Resp: 4329809
Ion Ratio Lower Upper
106 100
91 196.0 165.0 247.4

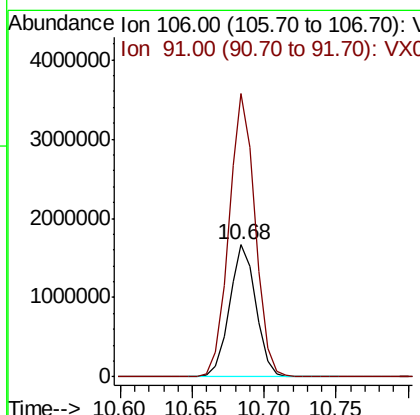
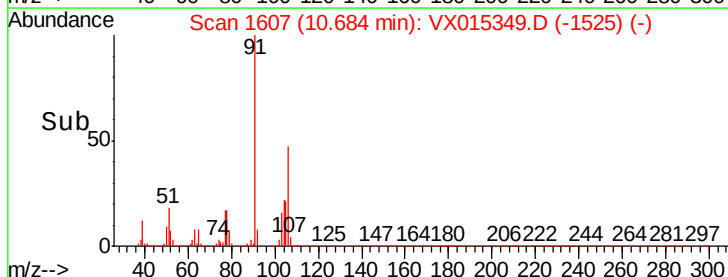
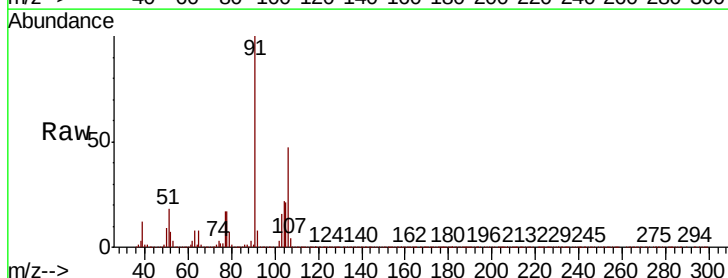
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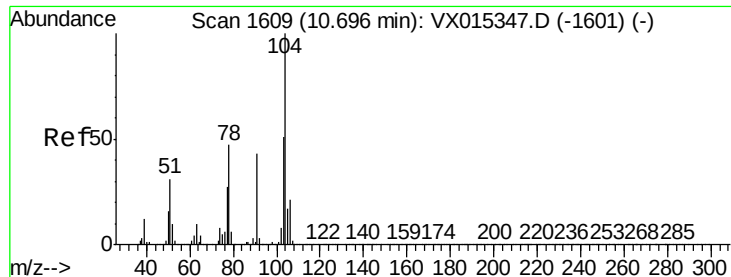
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#68
o-Xylene
Concen: 99.351 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015349.D
Acq: 25 Mar 2020 19:16

Tgt Ion:106 Resp: 2136172
Ion Ratio Lower Upper
106 100
91 213.3 109.1 327.2





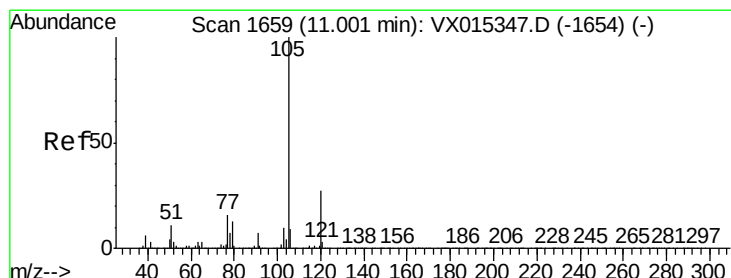
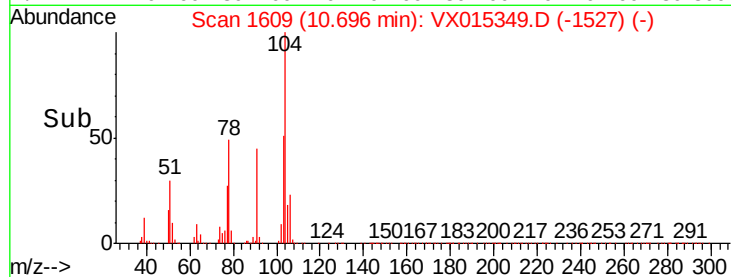
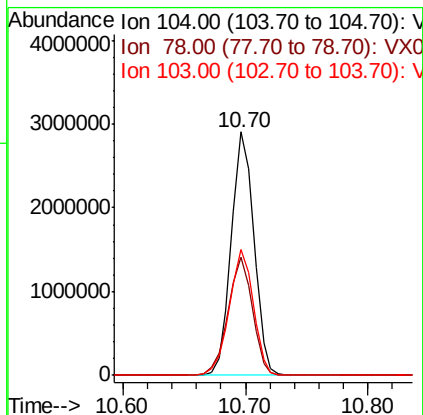
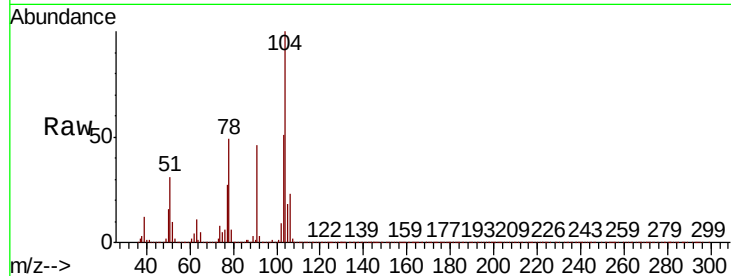
#69
Stvrene
Concen: 99.450 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015349.D
Acq: 25 Mar 2020 19:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
104	100		
78	52.2	41.5	62.3
103	54.7	43.4	65.2

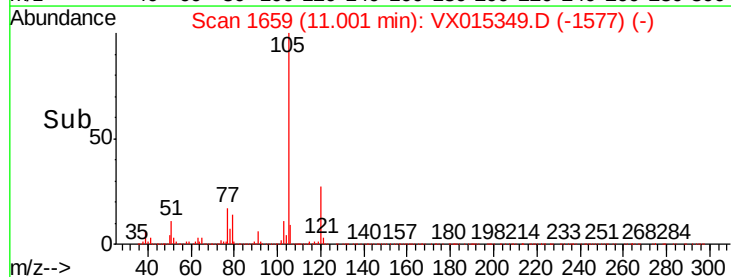
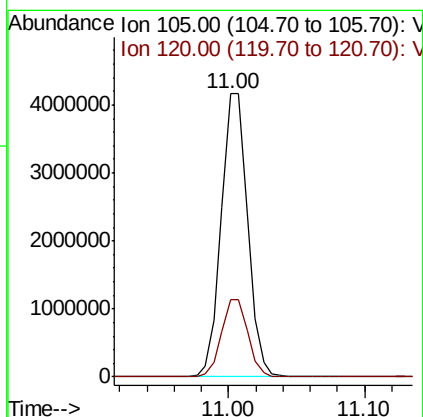
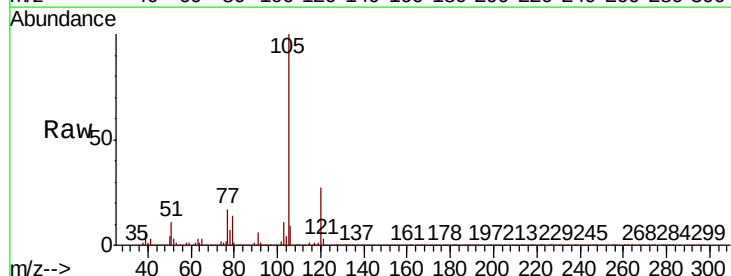
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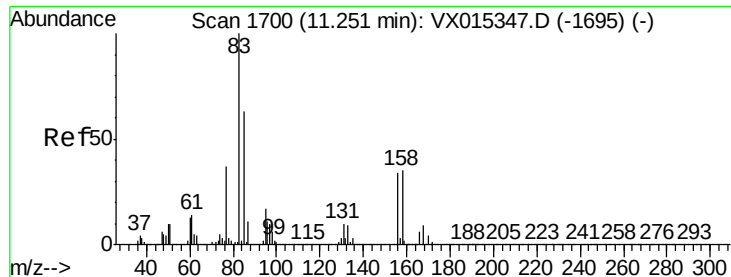
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#70
Isopropylbenzene
Concen: 98.445 ug/l
RT: 11.00 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX015349.D
Acq: 25 Mar 2020 19:16

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.3	18.8	34.8





#71

1,1,2,2-Tetrachloroethane

Concen: 97.766 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015349.D

Acq: 25 Mar 2020 19:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 83 Resp: 1809638

Ion Ratio Lower Upper

83 100

131 10.8 5.3 15.9

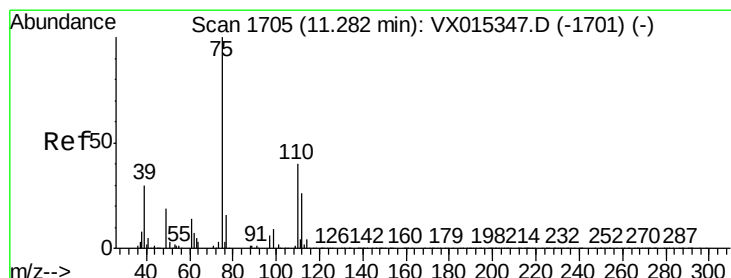
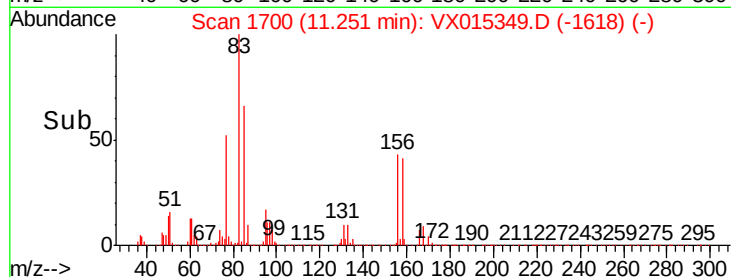
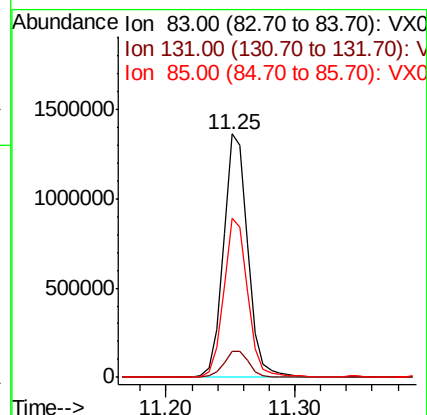
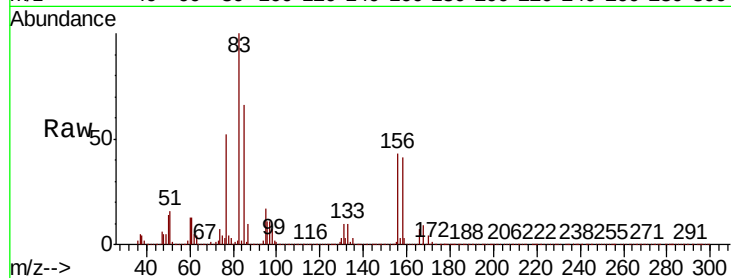
85 64.7 32.0 96.2

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#72

1,2,3-Trichloropropane

Concen: 108.608 ug/l m

RT: 11.28 min Scan# 1705

Delta R.T. 0.00 min

Lab File: VX015349.D

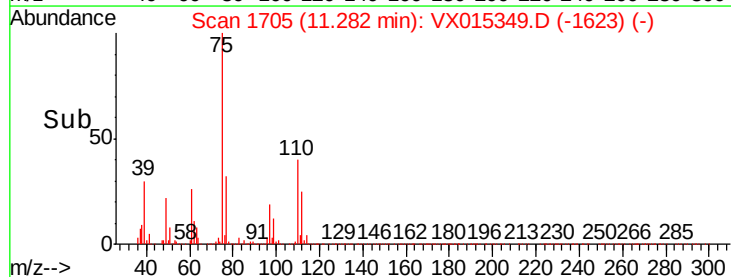
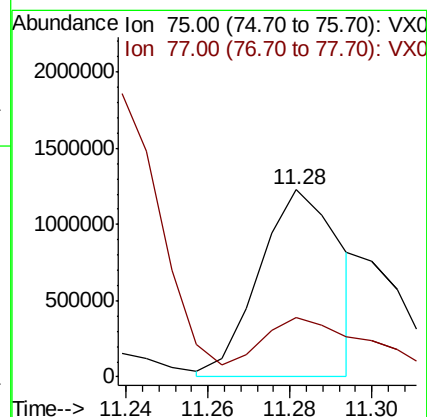
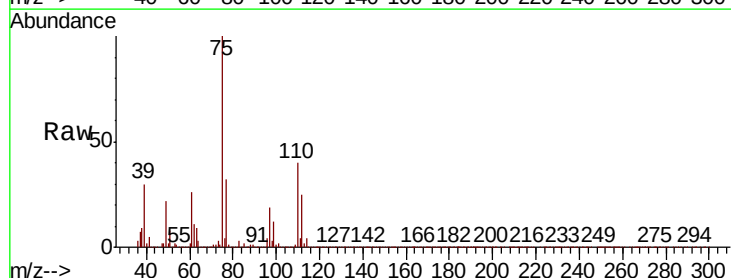
Acq: 25 Mar 2020 19:16

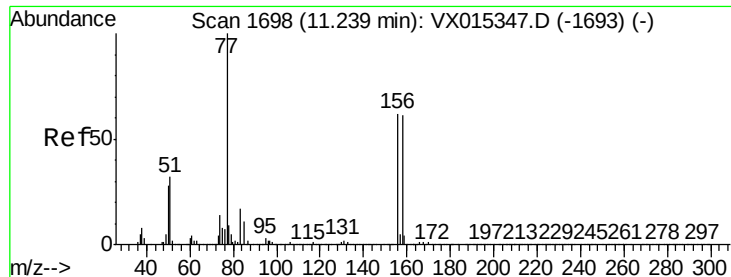
Tgt Ion: 75 Resp: 1688438

Ion Ratio Lower Upper

75 100

77 42.8 0.0 80.0





#73

Bromobenzene

Concen: 99.436 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015349.D

Acq: 25 Mar 2020 19:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:156 Resp: 1538679

Ion Ratio Lower Upper

156 100

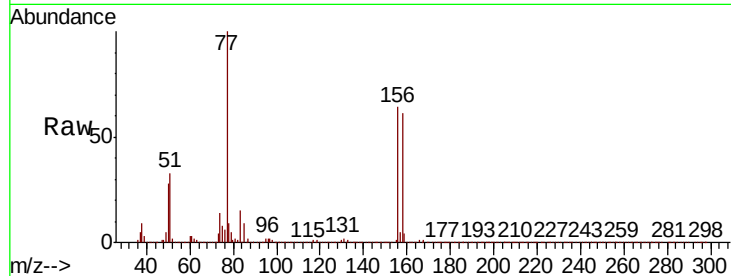
77 155.5 0.0 324.4

158 97.8 0.0 200.0

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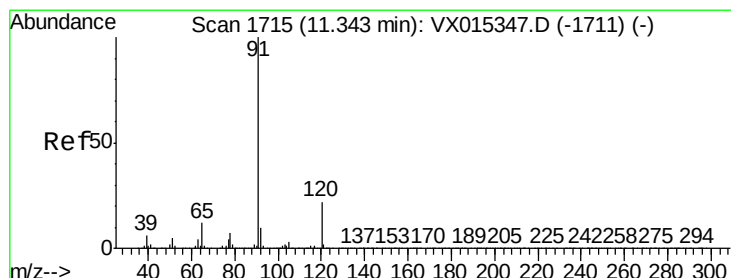
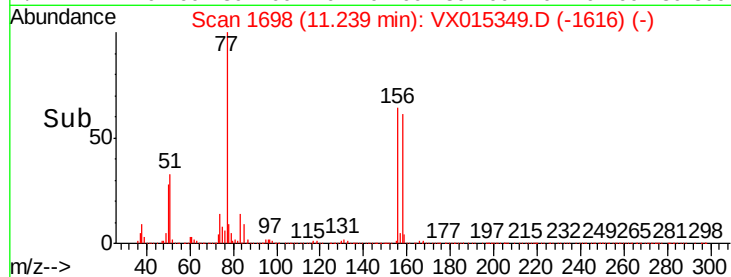
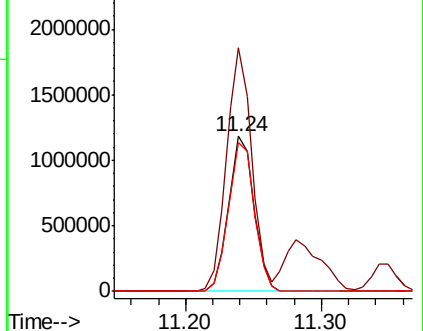
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Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 95.270 ug/l

RT: 11.35 min Scan# 1716

Delta R.T. 0.01 min

Lab File: VX015349.D

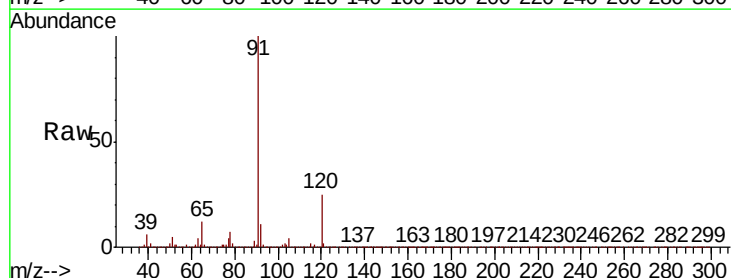
Acq: 25 Mar 2020 19:16

Tgt Ion: 91 Resp: 6437279

Ion Ratio Lower Upper

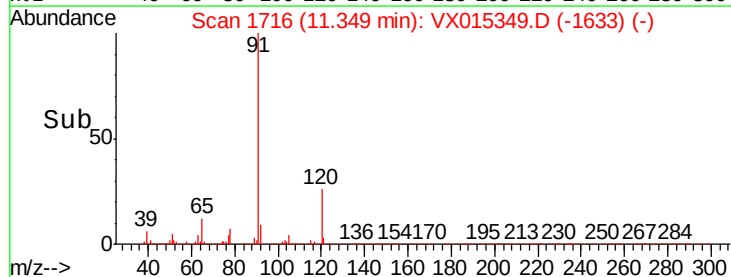
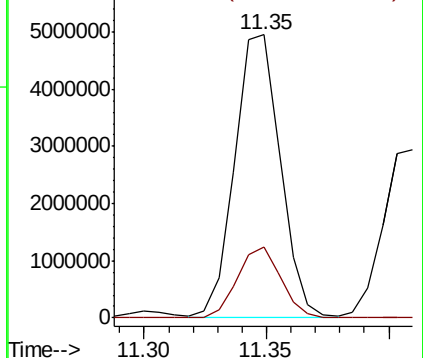
91 100

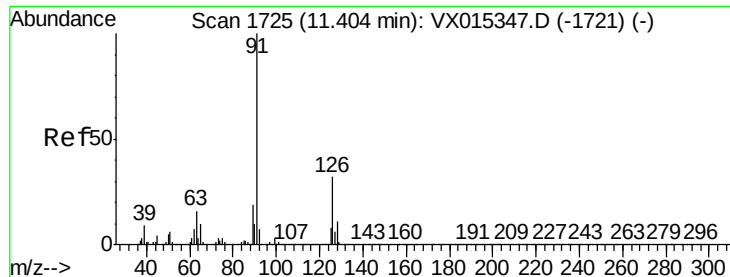
120 24.0 0.0 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 98.752 ug/l

RT: 11.41 min Scan# 1726

Delta R.T. 0.01 min

Lab File: VX015349.D

Acq: 25 Mar 2020 19:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 3918128

Ion Ratio Lower Upper

91 100

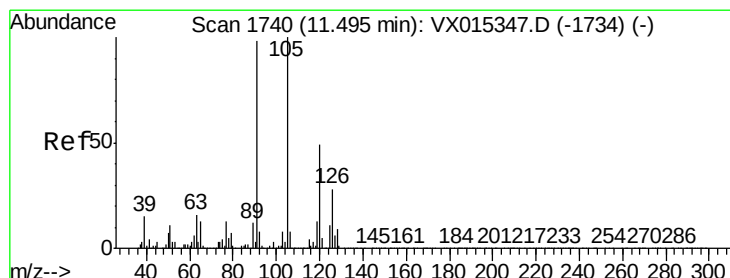
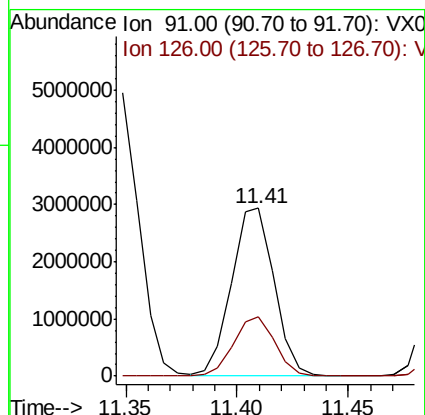
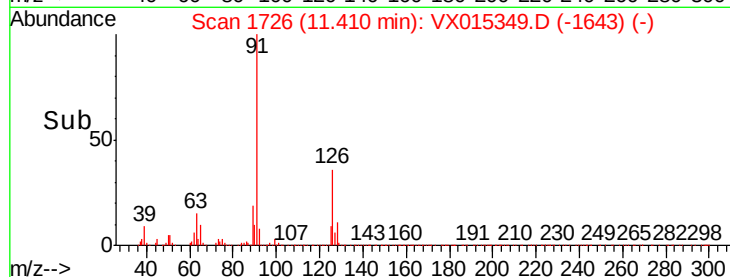
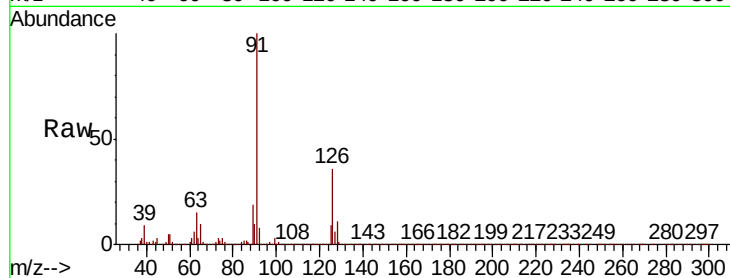
126 34.1 0.0 65.2

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#76

1,3,5-Trimethylbenzene

Concen: 98.353 ug/l

RT: 11.50 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015349.D

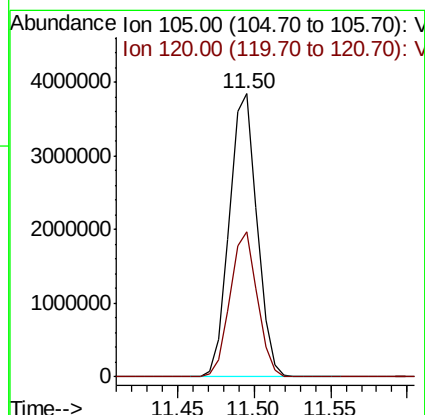
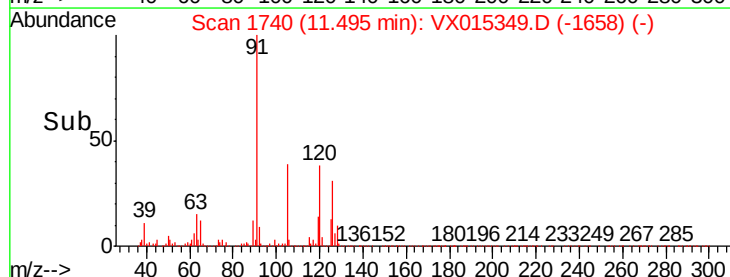
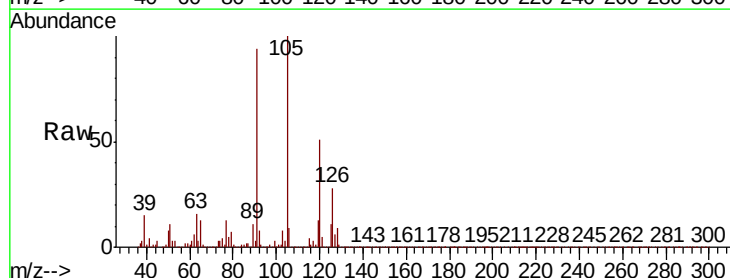
Acq: 25 Mar 2020 19:16

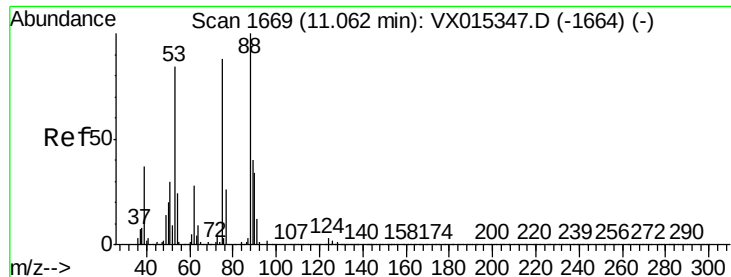
Tgt Ion: 105 Resp: 4821851

Ion Ratio Lower Upper

105 100

120 50.2 0.0 98.0





#77

t-1,4-Dichloro-2-butene

Concen: 112.558 ug/l

RT: 11.06 min Scan# 1669

Delta R.T. 0.00 min

Lab File: VX015349.D

Acq: 25 Mar 2020 19:16

Instrument :

MSVOA_X

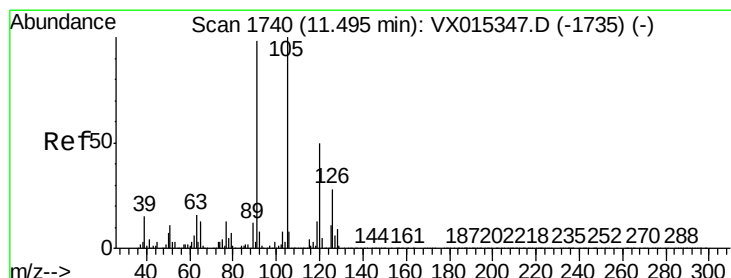
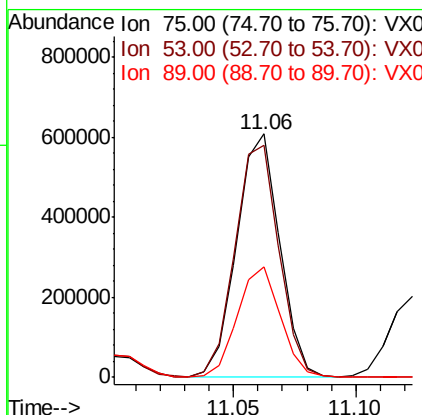
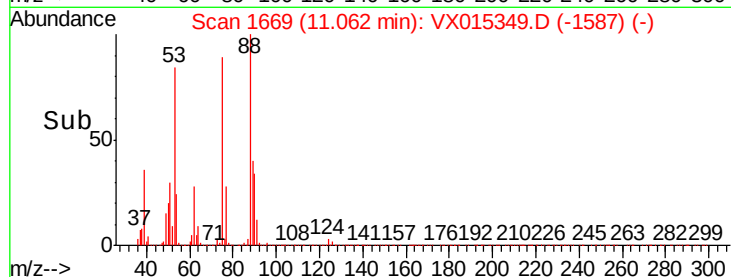
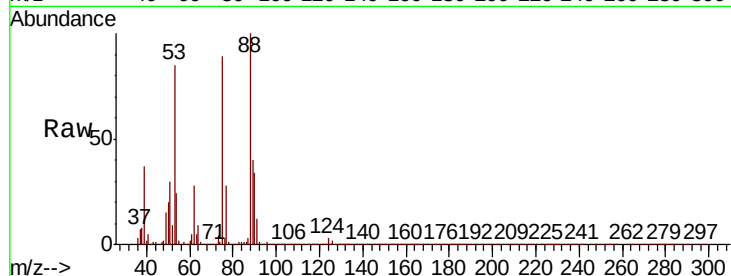
ClientSampleId :

VSTDIC100

Tot Ion:	75	Resp:	746800
Ion Ratio	Lower	Upper	
75	100		
53	95.3	47.5	142.6
89	45.2	22.8	68.3

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#78

4-Chlorotoluene

Concen: 99.697 ug/l

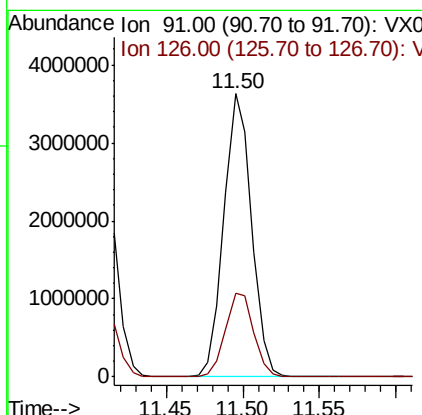
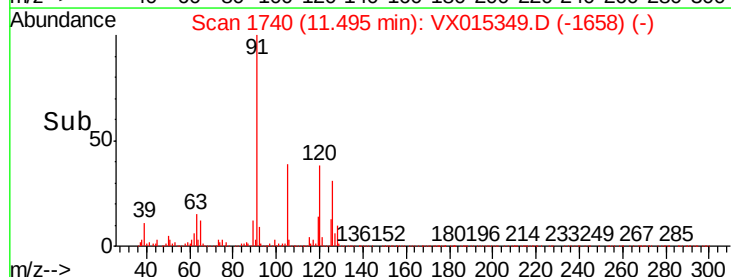
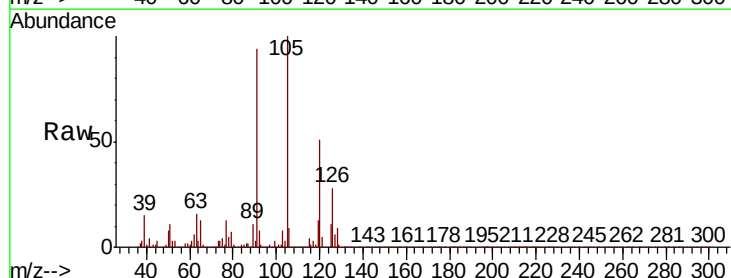
RT: 11.50 min Scan# 1740

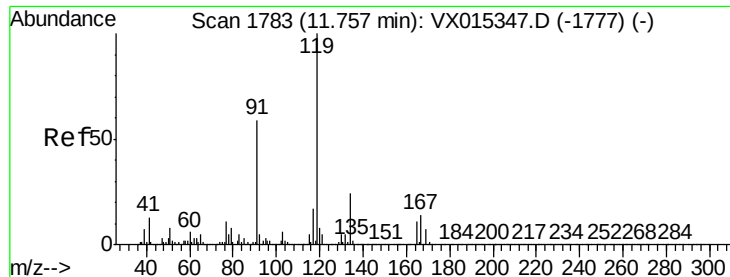
Delta R.T. 0.00 min

Lab File: VX015349.D

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Tgt Ion:	91	Resp:	4548980
Ion Ratio	Lower	Upper	
91	100		
126	30.1	0.0	57.8





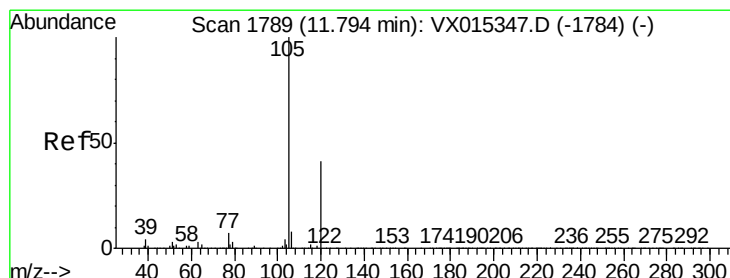
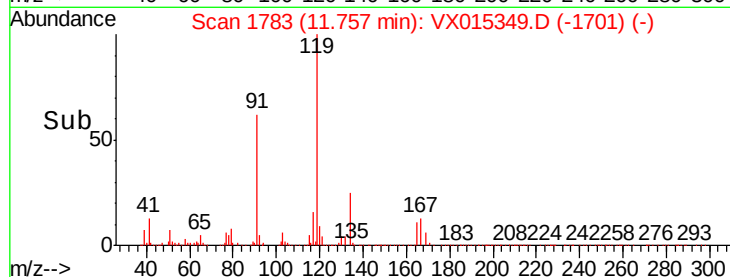
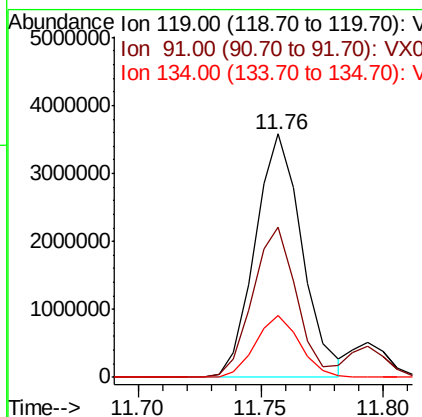
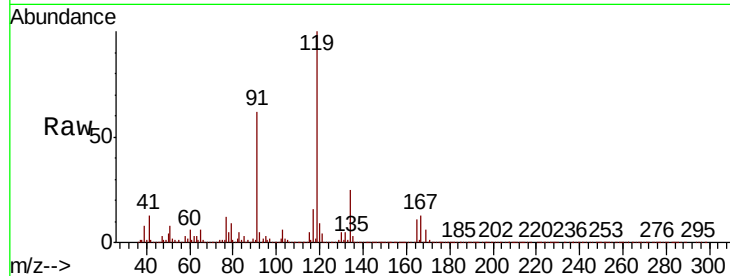
#79
tert-butylbenzene
Concen: 102.522 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX015349.D
Acq: 25 Mar 2020 19:16

Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.2	0.0	115.8
134	23.9	0.0	47.0

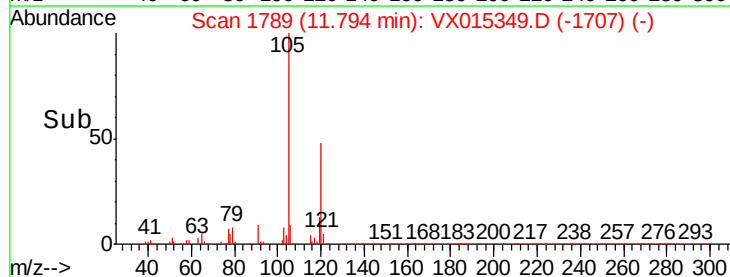
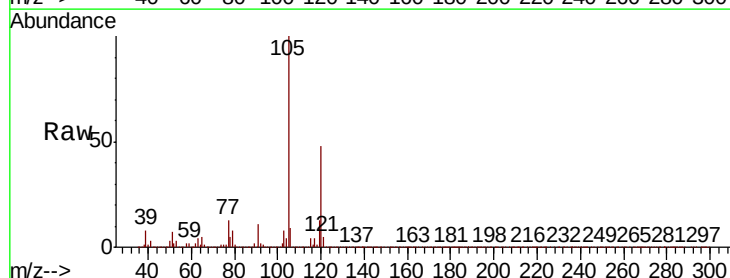
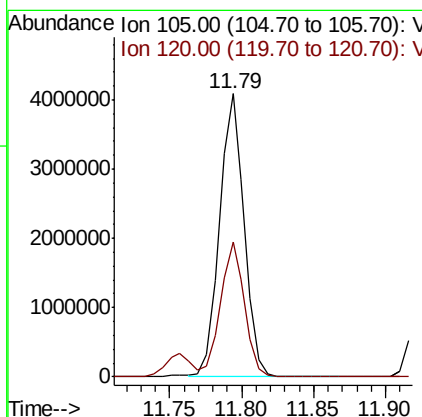
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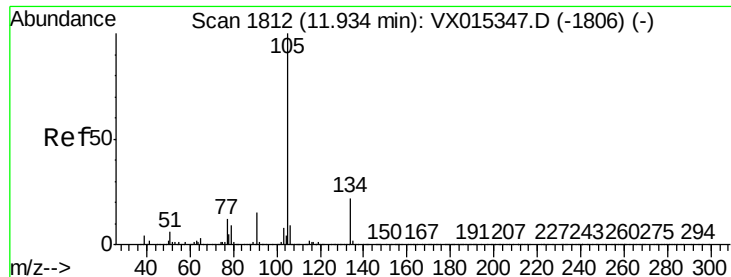
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#80
1,2,4-Trimethylbenzene
Concen: 99.565 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX015349.D
Acq: 25 Mar 2020 19:16

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.6	0.0	91.0





#81

sec-Butylbenzene

Concen: 96.912 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015349.D

Acq: 25 Mar 2020 19:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tot Ion:105 Resp: 5563669

Ion Ratio Lower Upper

105 100

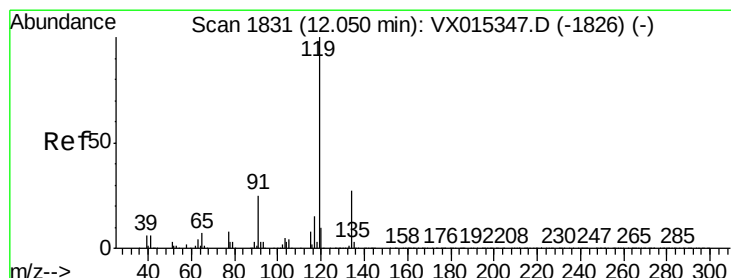
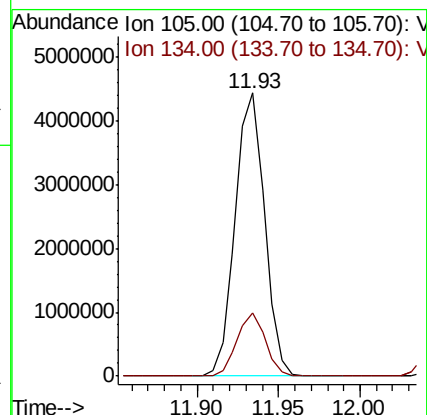
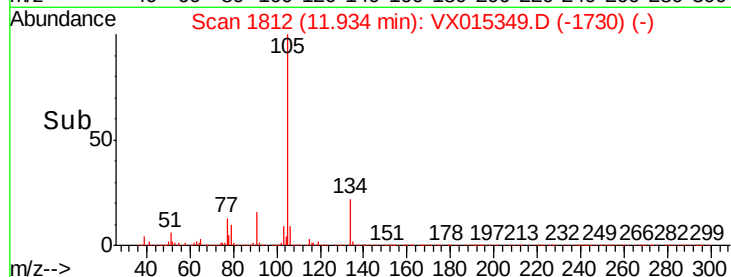
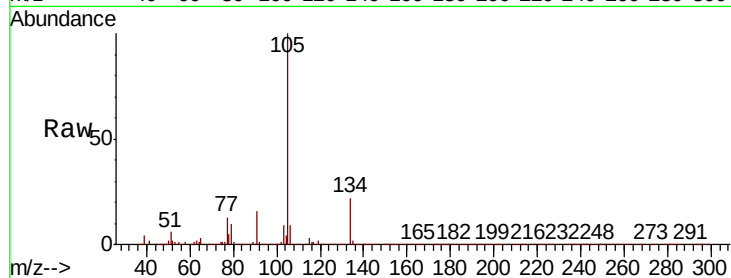
134 21.5 0.0 41.6

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#82

p-Isopropyltoluene

Concen: 99.375 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015349.D

Acq: 25 Mar 2020 19:16

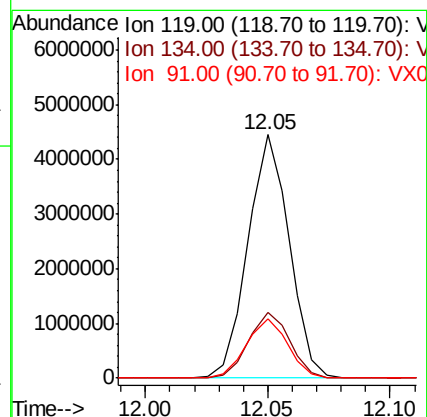
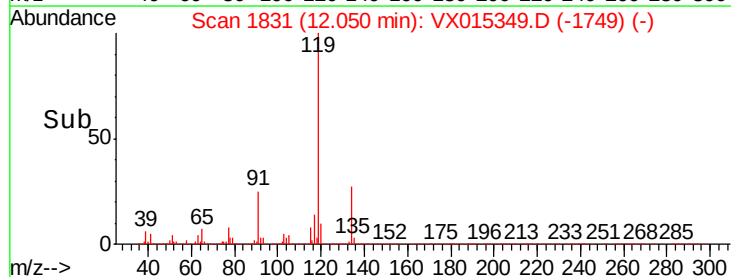
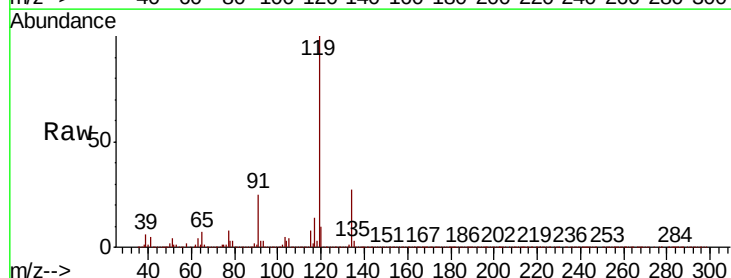
Tgt Ion:119 Resp: 5246977

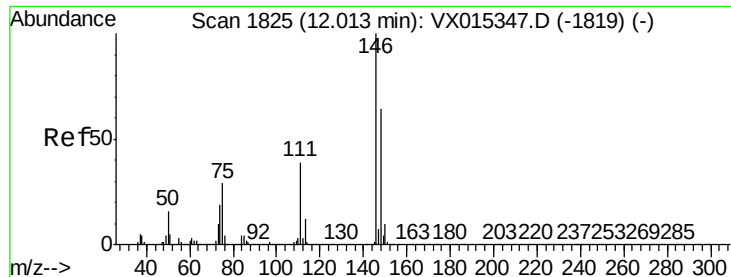
Ion Ratio Lower Upper

119 100

134 27.1 0.0 53.2

91 24.3 0.0 48.2





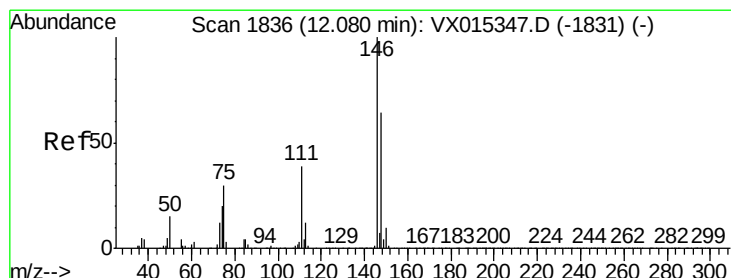
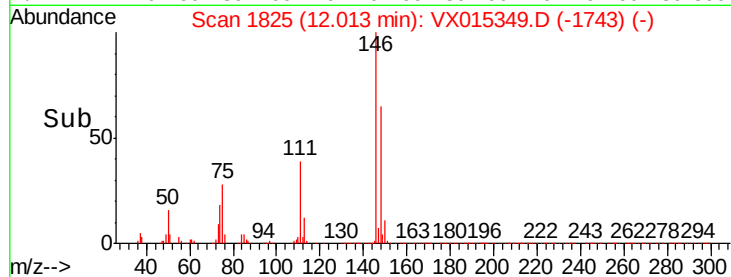
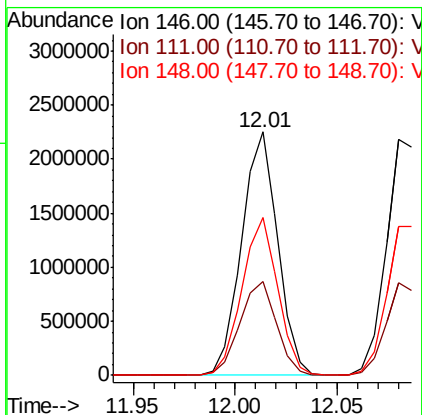
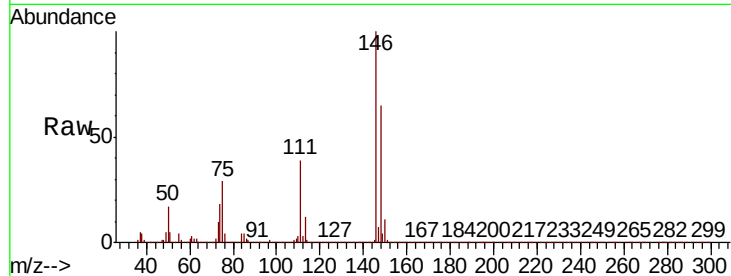
#83
 1,3-Dichlorobenzene
 Concen: 100.090 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: VX015349.D
 Acq: 25 Mar 2020 19:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	20.1	60.2
148	64.2	31.4	94.2

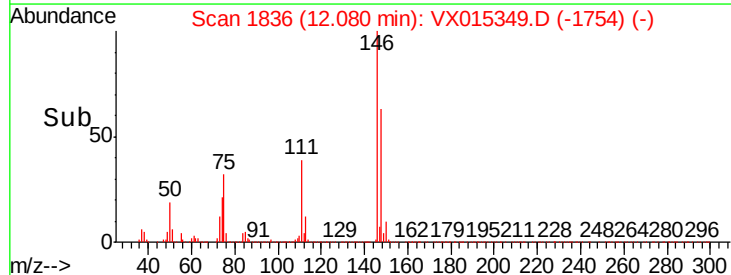
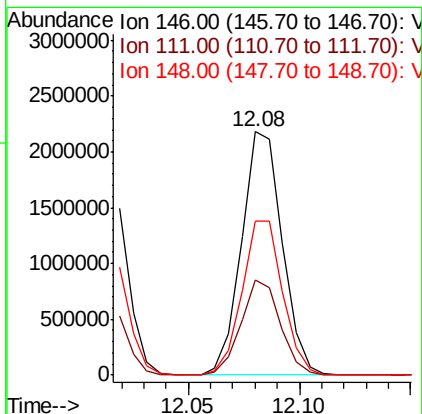
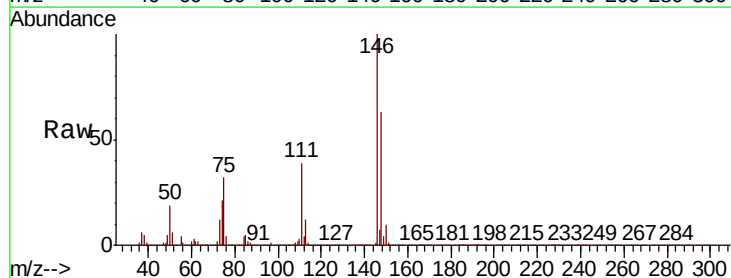
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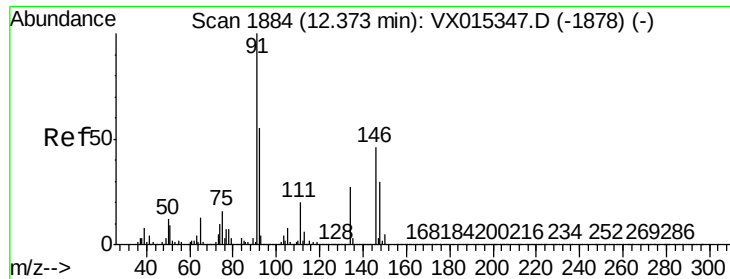
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#84
 1,4-Dichlorobenzene
 Concen: 100.197 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. 0.00 min
 Lab File: VX015349.D
 Acq: 25 Mar 2020 19:16

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.9	56.9
148	63.5	31.4	94.3





#85

n-Butylbenzene

Concen: 101.722 ug/l

RT: 12.37 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX015349.D

Acq: 25 Mar 2020 19:16

Instrument :

MSVOA_X

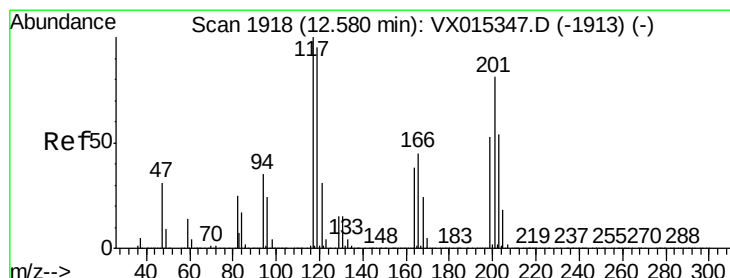
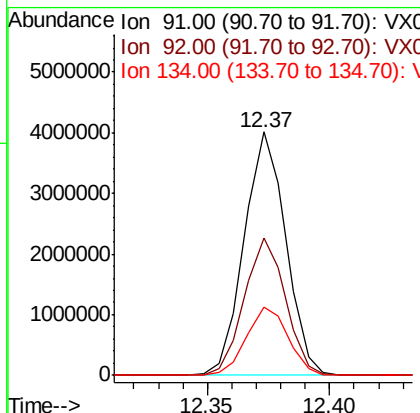
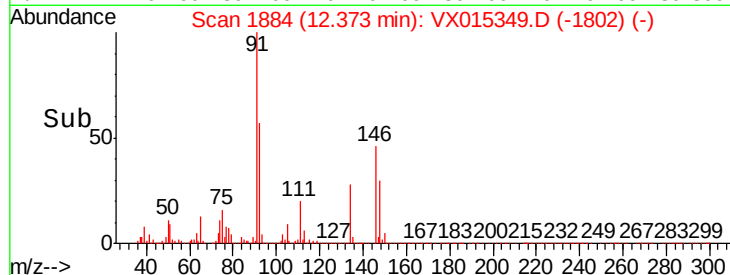
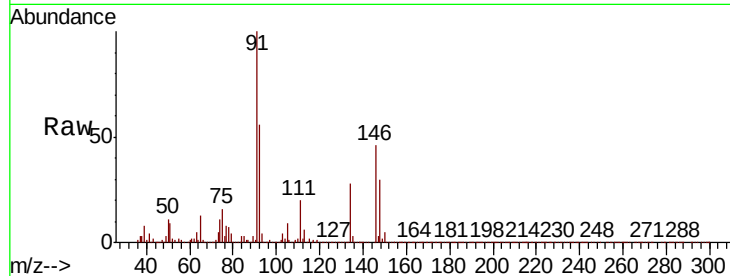
ClientSampled :

VSTDIC100

Tot Ion:	91	Resp:	4733191
Ion	Ratio	Lower	Upper
91	100		
92	55.9	0.0	109.0
134	28.2	0.0	54.0

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#86

Hexachloroethane

Concen: 109.154 ug/l

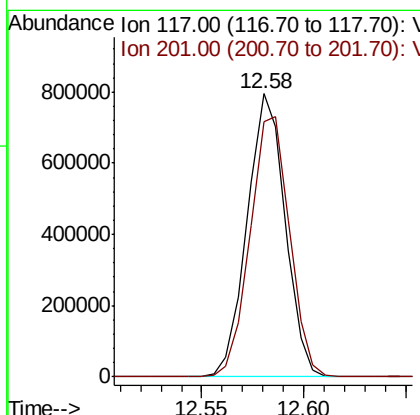
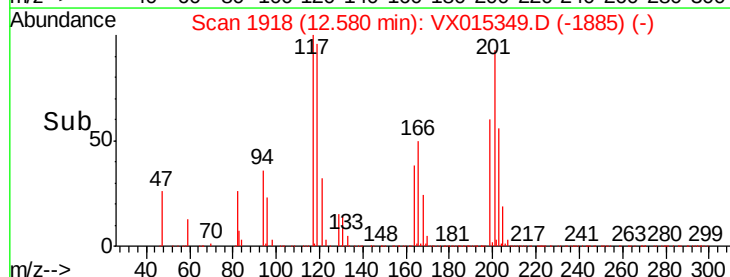
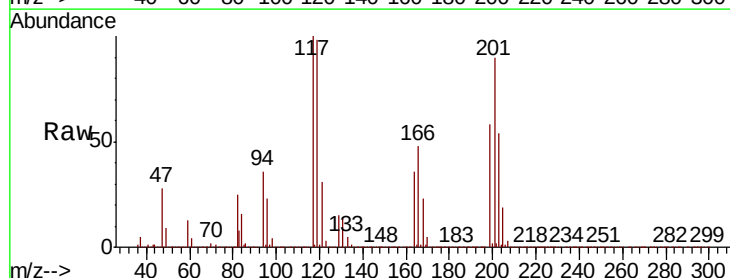
RT: 12.58 min Scan# 1918

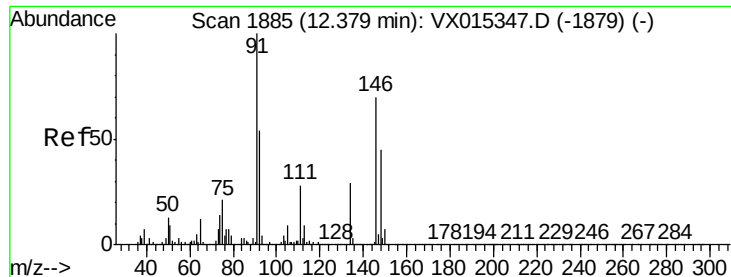
Delta R.T. 0.00 min

Lab File: VX015349.D

Acq: 25 Mar 2020 19:16

Tgt Ion:	117	Resp:	1029853
Ion	Ratio	Lower	Upper
117	100		
201	95.5	44.9	134.5





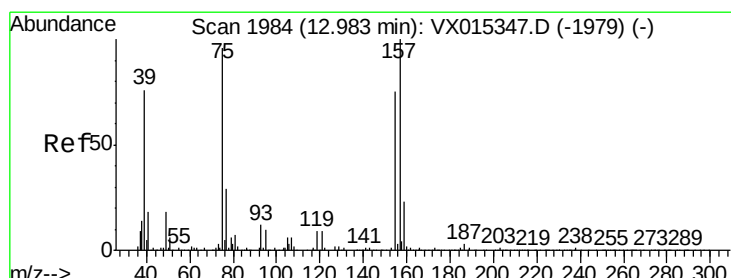
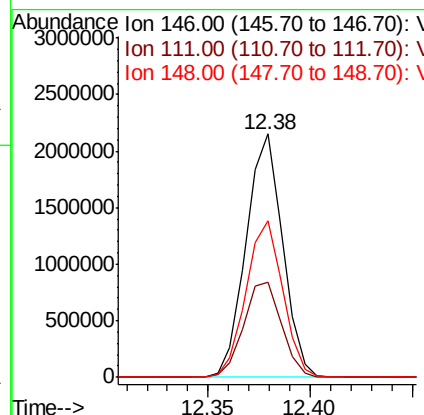
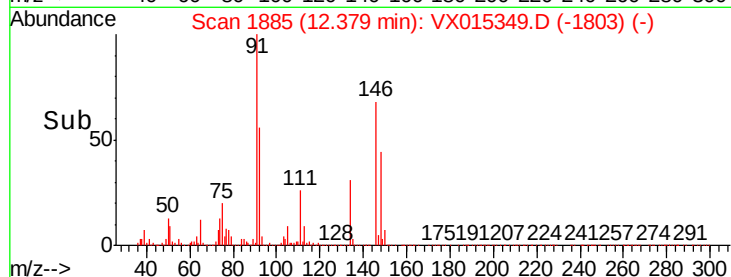
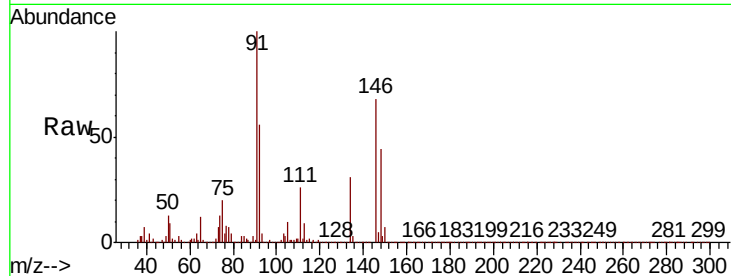
#87
 1,2-Dichlorobenzene
 Concen: 99.184 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. 0.00 min
 Lab File: VX015349.D
 Acq: 25 Mar 2020 19:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.4	61.2
148	64.7	31.9	95.9

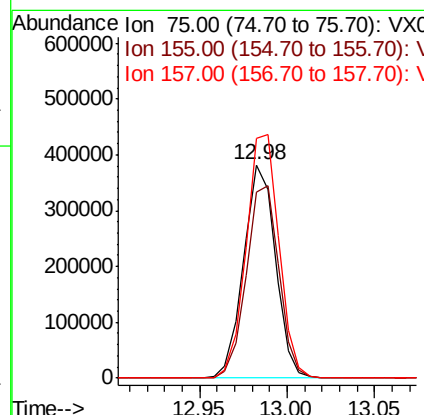
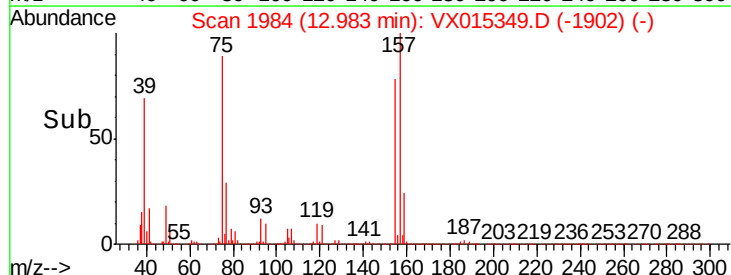
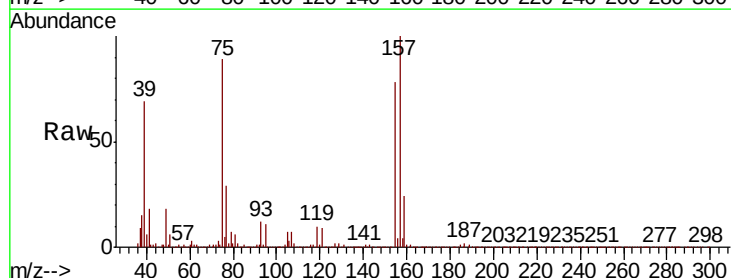
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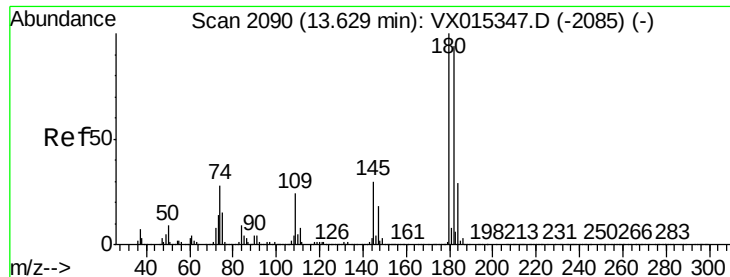
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 119.221 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: VX015349.D
 Acq: 25 Mar 2020 19:16

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.8	67.7	101.5
157	117.1	88.5	132.7





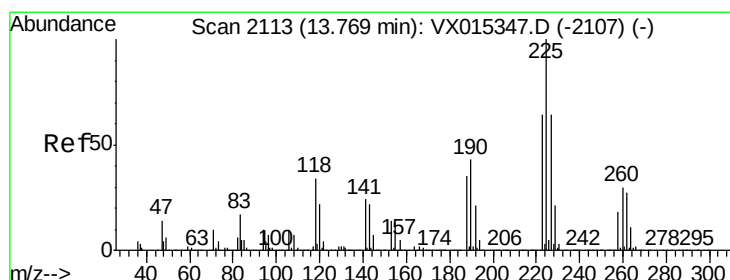
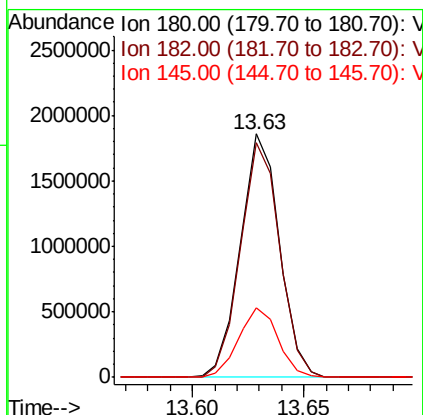
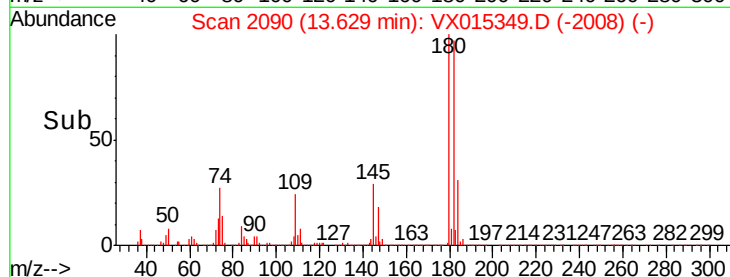
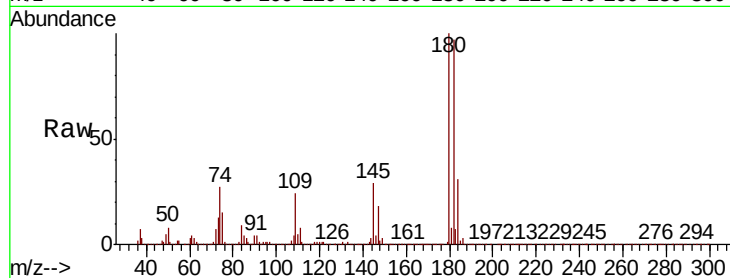
#89
 1,2,4-Trichlorobenzene
 Concen: 112.569 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015349.D
 Acq: 25 Mar 2020 19:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.2	76.9	115.3
145	28.9	24.3	36.5

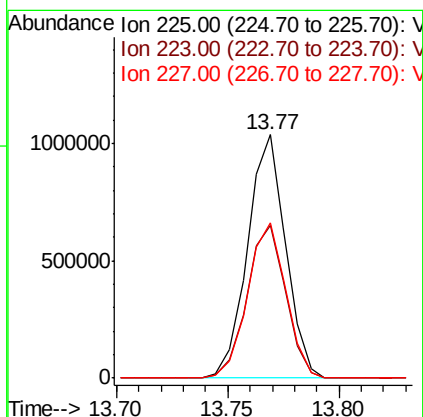
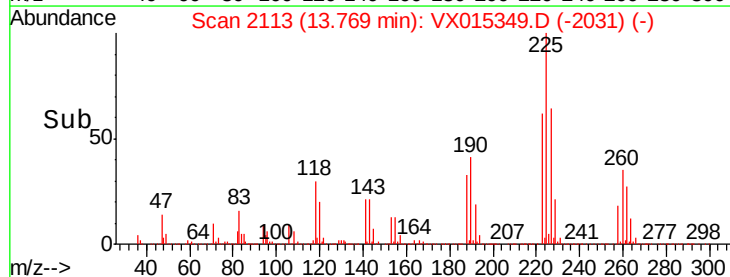
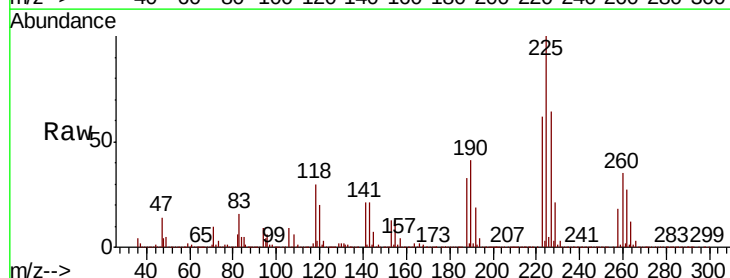
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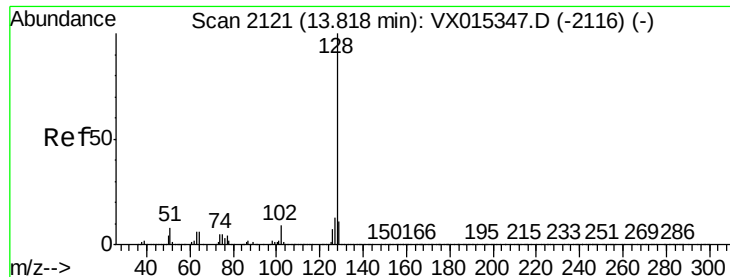
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#90
 Hexachlorobutadiene
 Concen: 119.810 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VX015349.D
 Acq: 25 Mar 2020 19:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	0.0	127.0
227	64.2	0.0	126.8





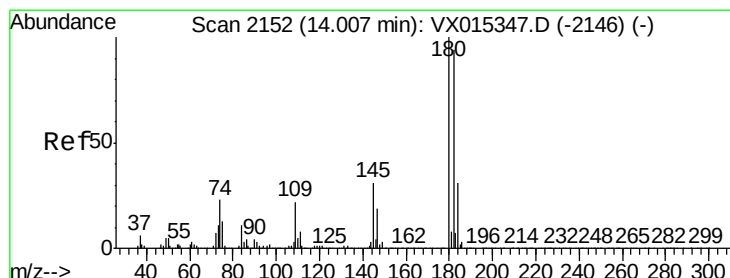
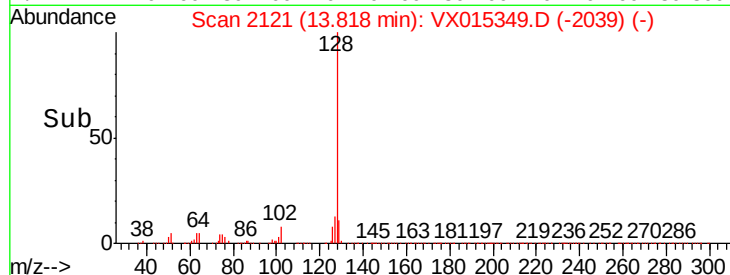
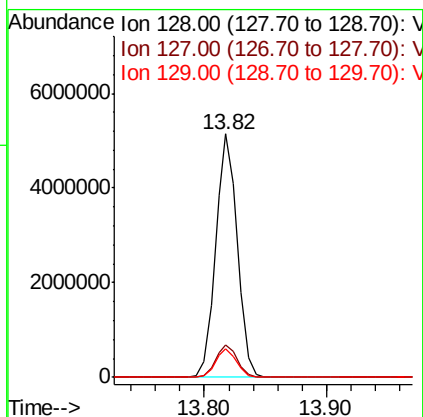
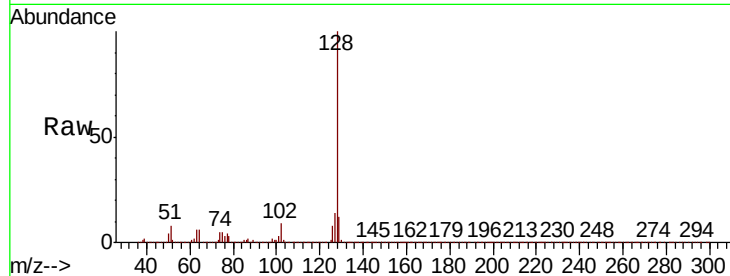
#91
Naphthalene
Concen: 110.507 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015349.D
Acq: 25 Mar 2020 19:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.3	15.5
129	11.3	8.9	13.3

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#92
1,2,3-Trichlorobenzene
Concen: 111.054 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.00 min
Lab File: VX015349.D
Acq: 25 Mar 2020 19:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	0.0	191.0
145	30.1	0.0	62.2

