

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041520\
 Data File : VX015677.D
 Acq On : 15 Apr 2020 12:59
 Operator : JC/SP
 Sample : VX0415WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0415WBSD01

Manual Integrations
 APPROVED

MMDadoda
 4/16/2020 11:03:55 AM

Quant Time: Apr 16 06:25:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	1050401	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1540795	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1421612	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	762496	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	681192	45.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.96%	
35) Dibromofluoromethane	5.47	113	520999	52.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.80%	
50) Toluene-d8	8.70	98	1930279	53.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.46%	
62) 4-Bromofluorobenzene	11.12	95	769533	52.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.44%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.19	85	147458	15.934	ug/l	100
3) Chloromethane	1.31	50	179353	15.219	ug/l	98
4) Vinyl Chloride	1.39	62	184982	17.094	ug/l	99
5) Bromomethane	1.63	94	129917	21.422	ug/l	98
6) Chloroethane	1.71	64	116720	17.391	ug/l	97
7) Trichlorofluoromethane	1.92	101	257326	17.731	ug/l	96
8) Diethyl Ether	2.17	74	110850	18.109	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	175732	18.575	ug/l	95
10) Methyl Iodide	2.49	142	165818	13.000	ug/l	98
11) Tert butyl alcohol	3.01	59	260919	73.581	ug/l	99
12) 1,1-Dichloroethene	2.36	96	167880	16.929	ug/l	96
13) Acrolein	2.27	56	167147	82.748	ug/l	99
14) Allyl chloride	2.70	41	369516	15.947	ug/l	97
15) Acrylonitrile	3.12	53	566327	83.746	ug/l	100
16) Acetone	2.42	43	510355	80.184	ug/l	99
17) Carbon Disulfide	2.55	76	446512	14.760	ug/l	100
18) Methyl Acetate	2.75	43	280130	17.244	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	665960	17.315	ug/l	99
20) Methylene Chloride	2.83	84	196190	16.503	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	184038	16.722	ug/l	98
22) Diisopropyl ether	3.83	45	715453	17.425	ug/l	92
23) Vinyl Acetate	3.78	43	3192442	85.874	ug/l	99
24) 1,1-Dichloroethane	3.67	63	358584	16.587	ug/l	99
25) 2-Butanone	4.64	43	822805	80.384	ug/l	99
26) 2,2-Dichloropropane	4.55	77	323370	18.223	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	220985	17.355	ug/l	100
28) Bromochloromethane	4.98	49	180319	17.470	ug/l	97
29) Tetrahydrofuran	5.09	42	529349	80.444	ug/l	99
30) Chloroform	5.18	83	359078	17.264	ug/l	99
31) Cyclohexane	5.55	56	327431	17.459	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	318999	16.947	ug/l	99
36) 1,1-Dichloropropene	5.77	75	267535	18.845	ug/l	99
37) Ethyl Acetate	4.79	43	321710	17.404	ug/l	99
38) Carbon Tetrachloride	5.75	117	283305	18.424	ug/l	98

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Quant Time: Apr 16 06:25:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	319298	19.506	ug/l	98
40) Benzene	6.11	78	782719	18.822	ug/l	97
41) Methacrylonitrile	5.01	41	183887	17.920	ug/l	98
42) 1,2-Dichloroethane	6.16	62	311770	18.664	ug/l	98
43) Isopropyl Acetate	6.41	43	554743	17.778	ug/l	100
44) Trichloroethene	7.18	130	222082	19.581	ug/l	94
45) 1,2-Dichloropropane	7.49	63	209666	18.430	ug/l	98
46) Dibromomethane	7.64	93	142649	19.115	ug/l	96
47) Bromodichloromethane	7.87	83	296139	18.624	ug/l	95
48) Methyl methacrylate	7.75	41	276784	17.758	ug/l	98
49) 1,4-Dioxane	7.72	88	104906	360.793	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1633522	92.371	ug/l	100
52) Toluene	8.76	92	501850	19.574	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	327916	17.583	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	350308	18.440	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	206116	19.622	ug/l	97
56) Ethyl methacrylate	9.16	69	331862	17.926	ug/l	98
57) 1,3-Dichloropropane	9.36	76	356494	18.837	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	795942	88.393	ug/l	99
59) 2-Hexanone	9.47	43	1225673	91.801	ug/l	99
60) Dibromochloromethane	9.56	129	238923	18.929	ug/l	99
61) 1,2-Dibromoethane	9.65	107	215442	18.862	ug/l	99
64) Tetrachloroethene	9.32	164	206657	19.262	ug/l	95
65) Chlorobenzene	10.12	112	554483	19.558	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	214716	18.957	ug/l	98
67) Ethyl Benzene	10.23	91	962296	19.137	ug/l	99
68) m/p-Xylenes	10.34	106	719940	38.450	ug/l	99
69) o-Xylene	10.68	106	359681	19.440	ug/l	98
70) Styrene	10.70	104	623948	19.164	ug/l	99
71) Bromoform	10.84	173	180665	17.522	ug/l #	96
73) Isopropylbenzene	11.00	105	985196	19.720	ug/l	99
74) N-amyl acetate	10.88	43	465562	16.755	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	311407	18.165	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	288408m	18.393	ug/l	
77) Bromobenzene	11.24	156	269653	20.235	ug/l	91
78) n-propylbenzene	11.34	91	1096036	19.186	ug/l	99
79) 2-Chlorotoluene	11.40	91	661464	18.891	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	835293	19.577	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	106312	16.268	ug/l	99
82) 4-Chlorotoluene	11.49	91	782307	19.058	ug/l	99
83) tert-Butylbenzene	11.76	119	816615	19.594	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	838577	19.286	ug/l	99
85) sec-Butylbenzene	11.93	105	947771	19.663	ug/l	99
86) p-Isopropyltoluene	12.05	119	894042	19.980	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	458990	19.239	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	471912	19.420	ug/l	99
89) n-Butylbenzene	12.37	91	799568	19.773	ug/l	100
90) Hexachloroethane	12.58	117	149190	17.130	ug/l	89
91) 1,2-Dichlorobenzene	12.37	146	460999	19.746	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	72244	14.931	ug/l	95

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Instrument :
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ClientSampleId :
VX0415WBSD01

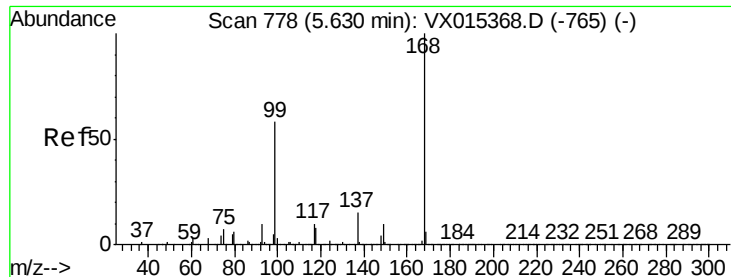
Manual Integrations
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4/16/2020 11:03:55 AM

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	363133	19.664	ug/l	99
94) Hexachlorobutadiene	13.76	225	166619	18.950	ug/l	96
95) Naphthalene	13.82	128	1044329	18.539	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	356200	20.033	ug/l	98

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



#1

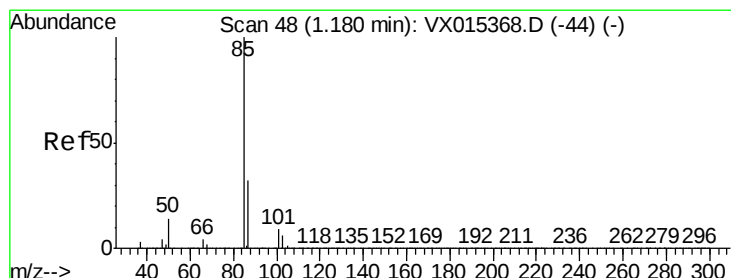
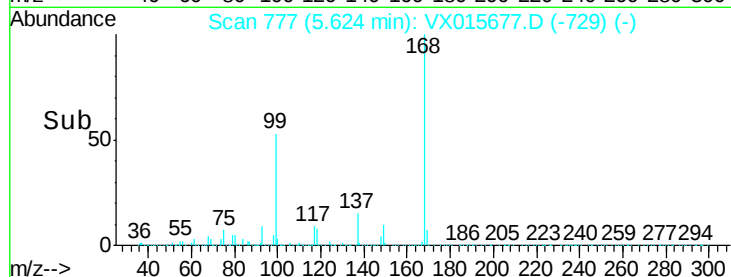
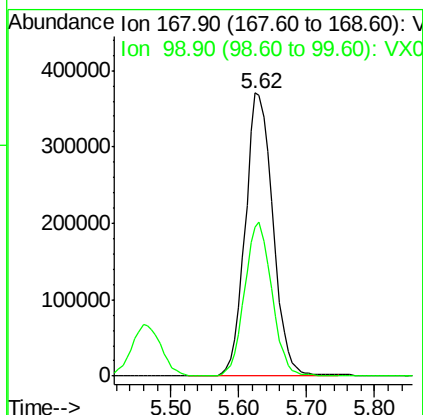
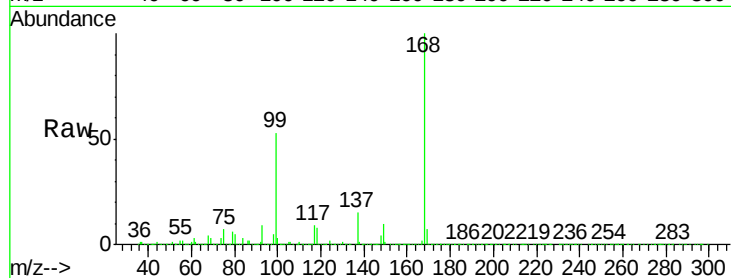
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.62 min Scan# 777
 Delta R.T. -0.01 min
 Lab File: VX015677.D
 Acq: 15 Apr 2020 12:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0415WBSD01

Tot Ion	Ratio	Lower	Upper
168	100		
99	52.5	46.4	69.6

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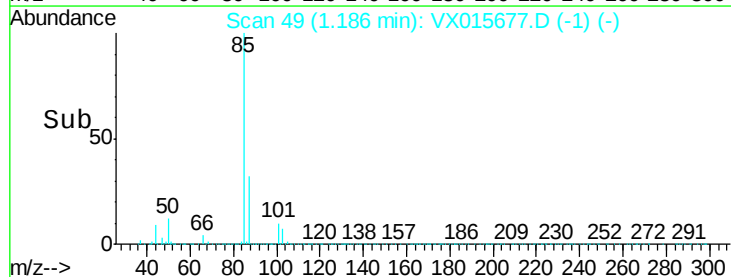
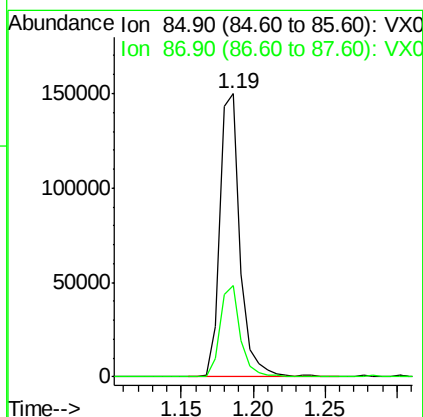
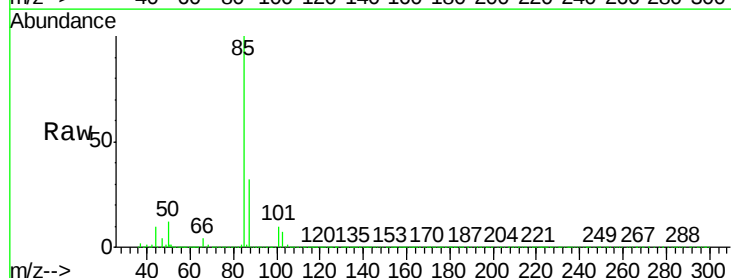
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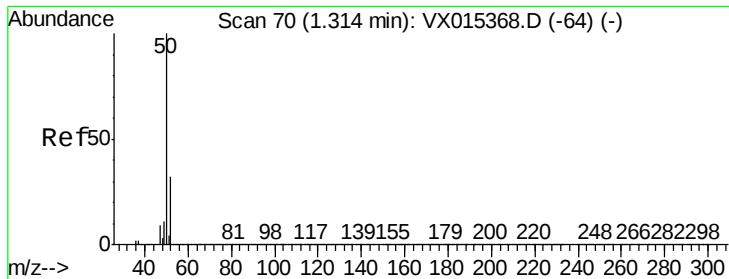


#2

Dichlorodifluoromethane
 Concen: 15.934 ug/l
 RT: 1.19 min Scan# 49
 Delta R.T. 0.01 min
 Lab File: VX015677.D
 Acq: 15 Apr 2020 12:59

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.1	16.0	47.9





#3

Chloromethane

Concen: 15.219 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX015677.D

Acq: 15 Apr 2020 12:59

Instrument :

MSVOA_X

ClientSampleId :

VX0415WBSD01

Tot Ion: 50 Resp: 179353

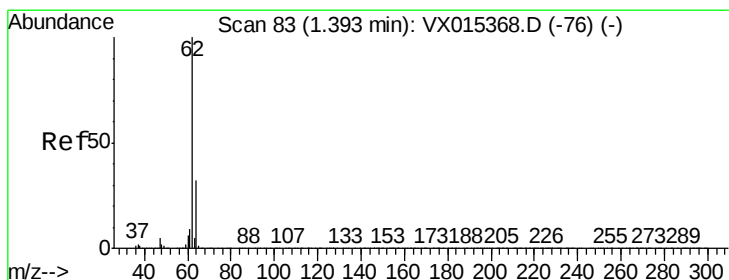
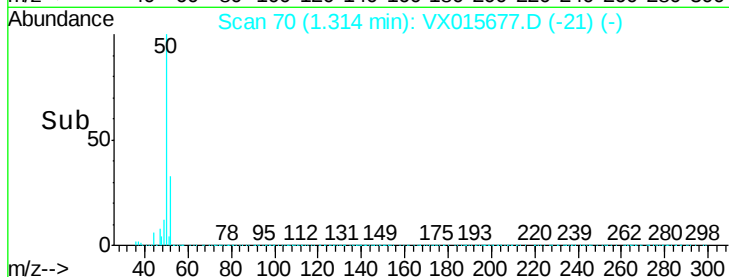
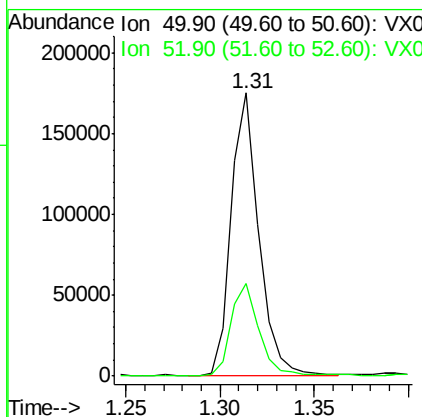
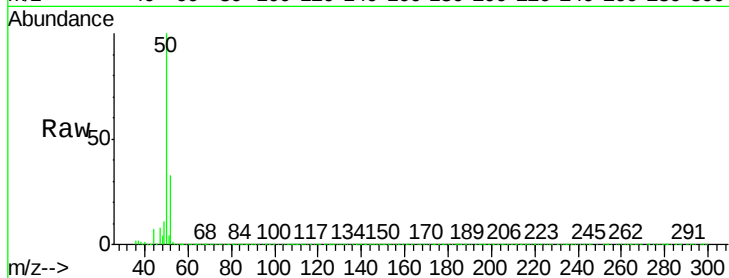
Ion Ratio Lower Upper

50 100

52 32.6 25.3 37.9

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#4

Vinyl Chloride

Concen: 17.094 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX015677.D

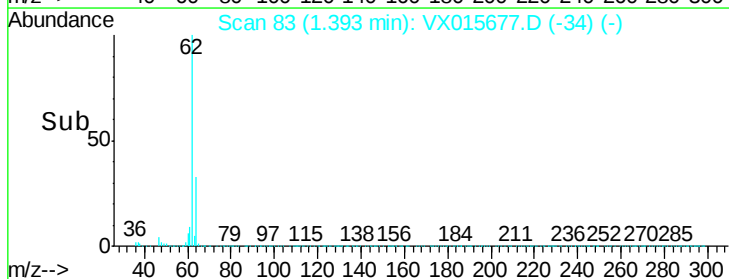
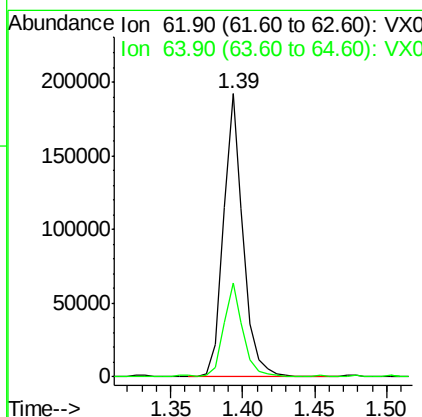
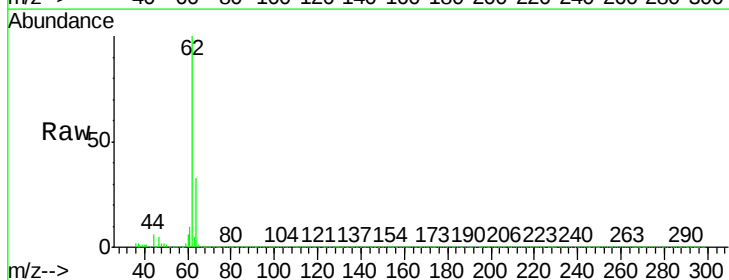
Acq: 15 Apr 2020 12:59

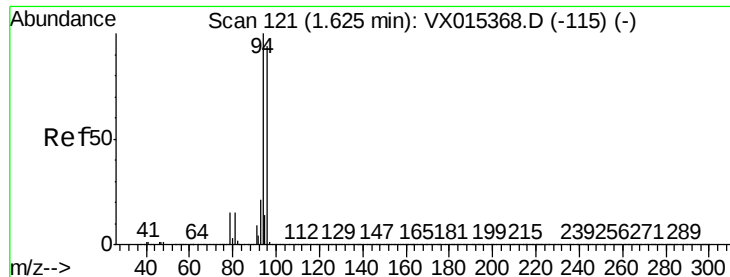
Tgt Ion: 62 Resp: 184982

Ion Ratio Lower Upper

62 100

64 33.0 26.0 39.0





#5

Bromomethane

Concen: 21.422 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX015677.D

Acq: 15 Apr 2020 12:59

Instrument :

MSVOA_X

ClientSampleId :

VX0415WBSD01

Tot Ion: 94 Resp: 129917

Ion Ratio Lower Upper

94 100

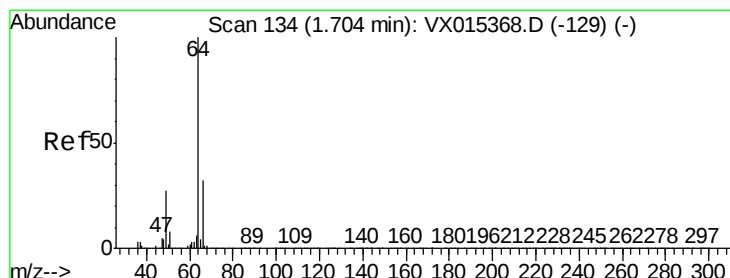
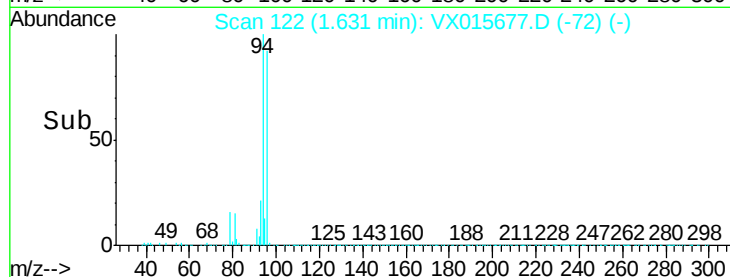
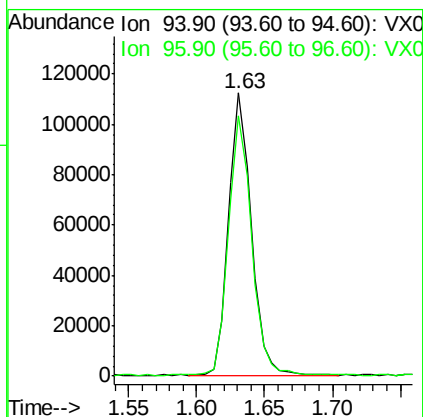
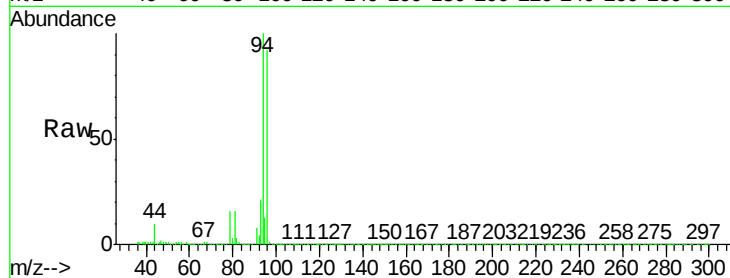
96 92.0 74.8 112.2

Manual Integrations

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#6

Chloroethane

Concen: 17.391 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX015677.D

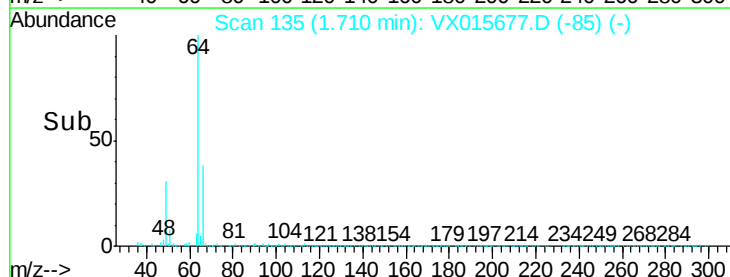
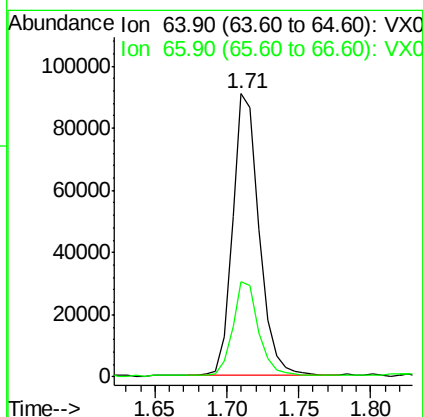
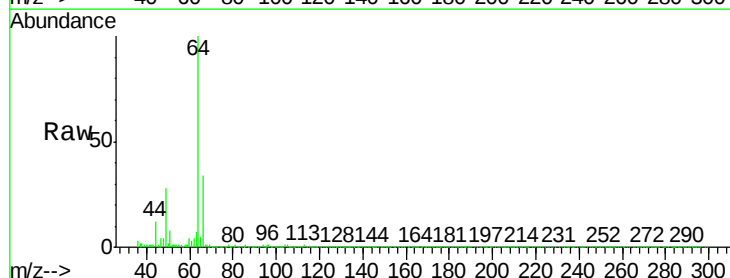
Acq: 15 Apr 2020 12:59

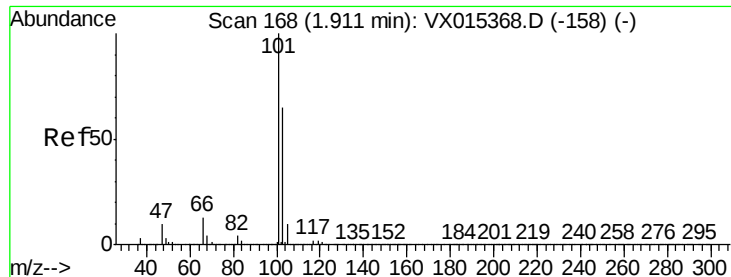
Tgt Ion: 64 Resp: 116720

Ion Ratio Lower Upper

64 100

66 33.4 25.4 38.2





#7

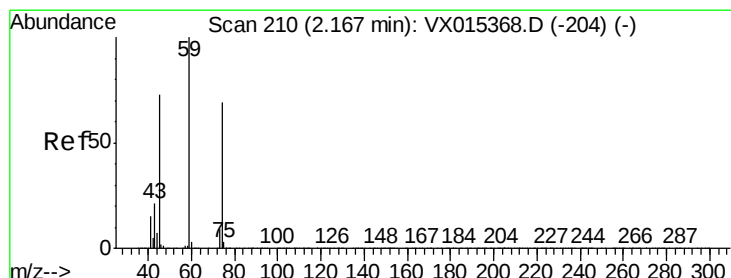
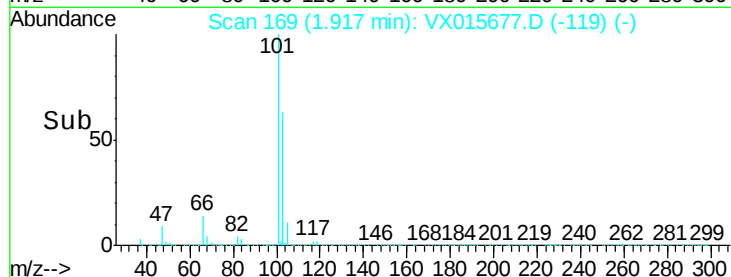
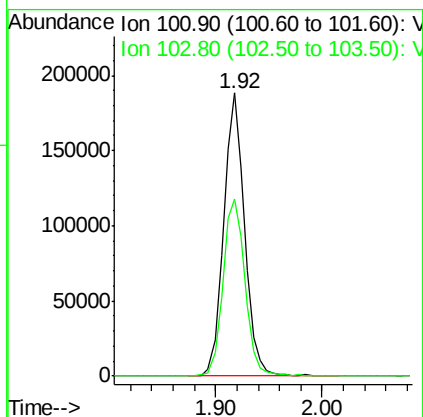
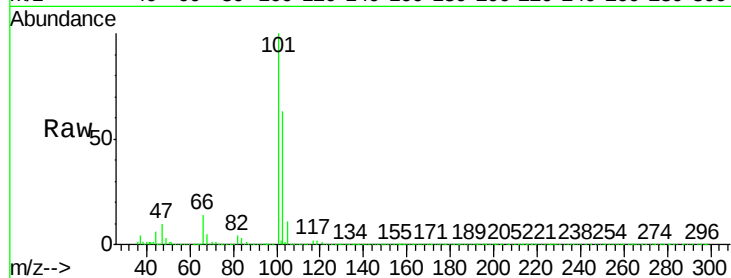
Trichlorofluoromethane
Concen: 17.731 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.01 min
Lab File: VX015677.D
Acq: 15 Apr 2020 12:59

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ClientSampleId :
VX0415WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	257326		
103	62.6	52.3	78.5	

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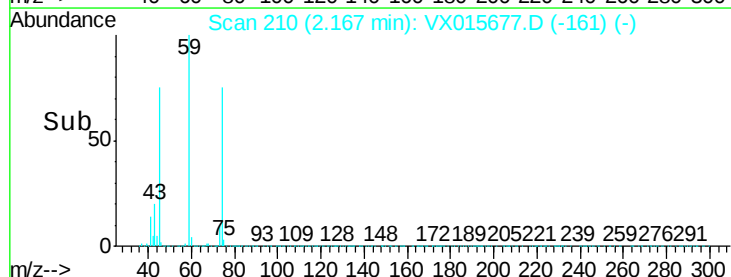
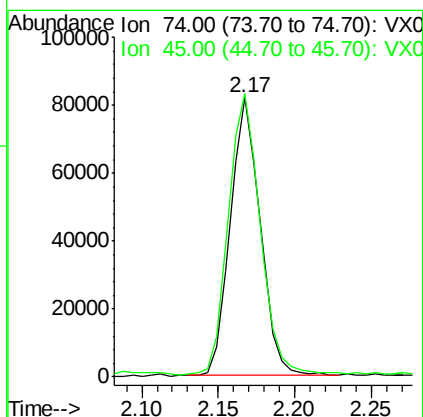
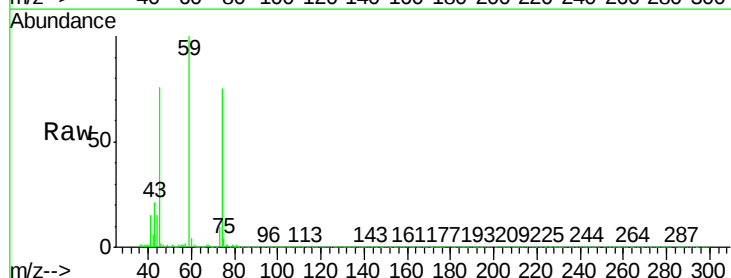
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4/16/2020 11:03:55 AM



#8

Diethyl Ether
Concen: 18.109 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX015677.D
Acq: 15 Apr 2020 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	110850		
45	107.6	53.8	161.4	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.575 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX015677.D

Acq: 15 Apr 2020 12:59

Instrument :

MSVOA_X

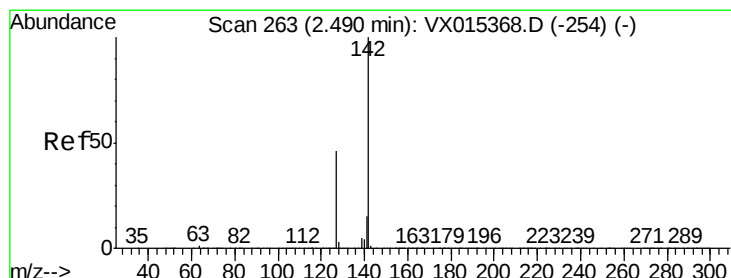
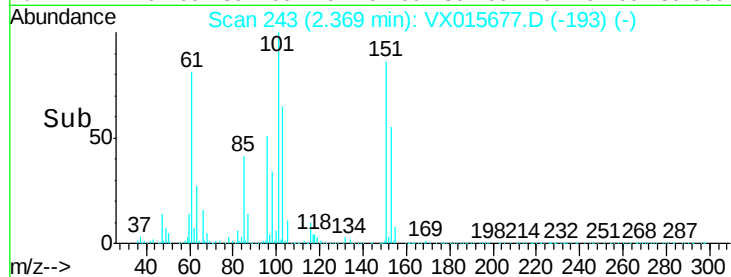
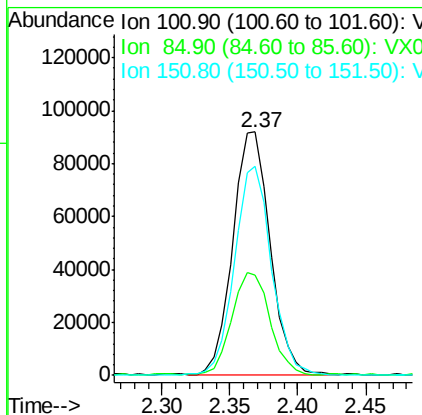
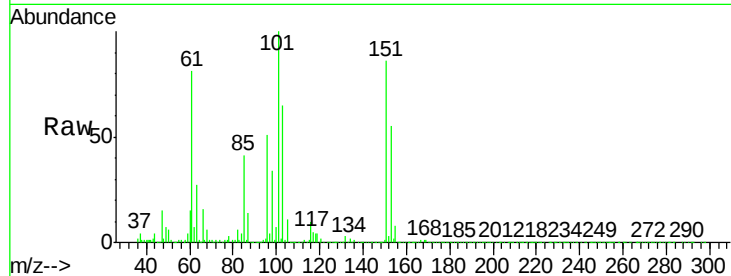
ClientSampleId :

VX0415WBSD01

Tot Ion:	101	Resp:	175732
Ion Ratio	Lower	Upper	
101	100		
85	42.6	35.0	52.4
151	85.7	64.1	96.1

Manual Integrations
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#10

Methyl Iodide

Concen: 13.000 ug/l

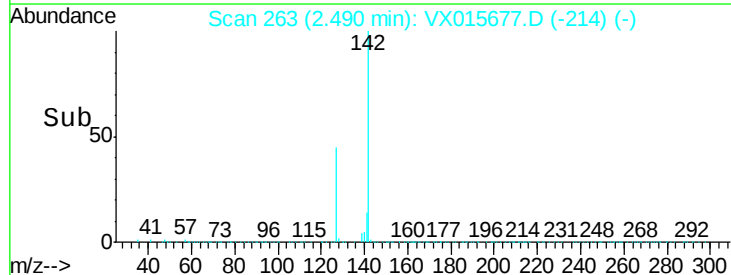
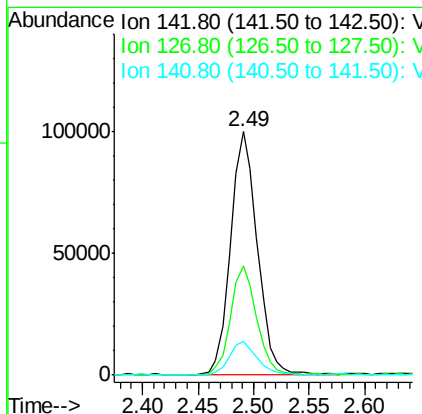
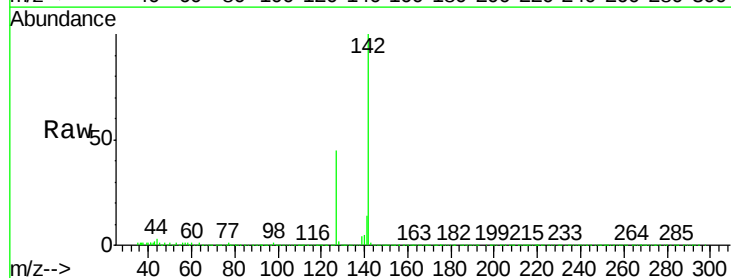
RT: 2.49 min Scan# 263

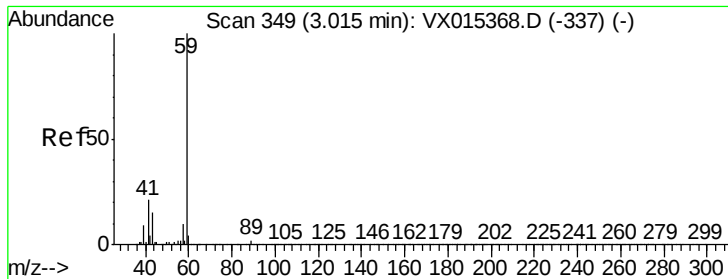
Delta R.T. -0.00 min

Lab File: VX015677.D

Acq: 15 Apr 2020 12:59

Tgt Ion:	142	Resp:	165818
Ion Ratio	Lower	Upper	
142	100		
127	43.3	35.9	53.9
141	14.2	11.6	17.4





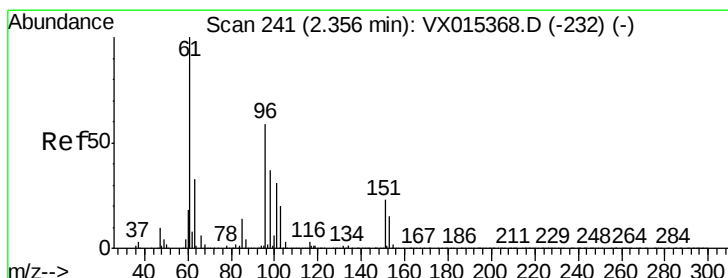
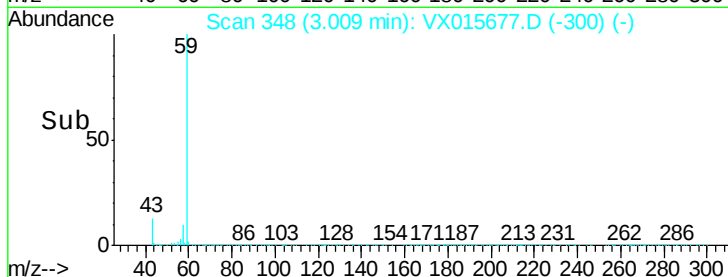
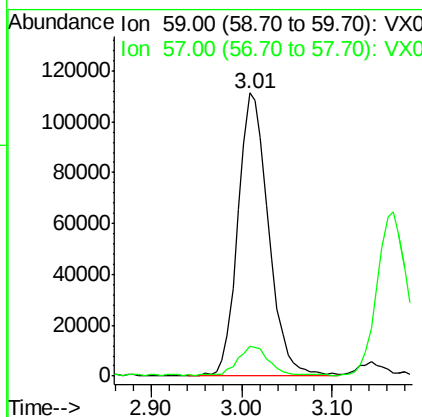
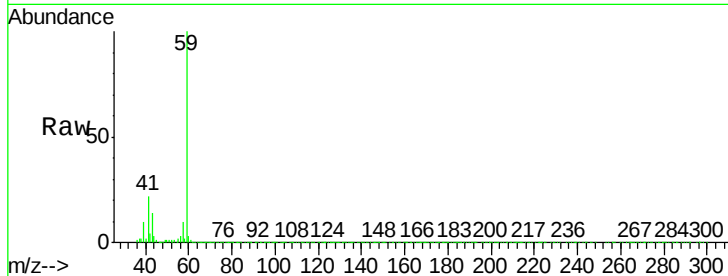
#11
Tert butyl alcohol
Concen: 73.581 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.01 min
Lab File: VX015677.D
Acq: 15 Apr 2020 12:59

Instrument :
MSVOA_X
ClientSampleId :
VX0415WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
59	100	260919		
57	9.9		8.1	12.1

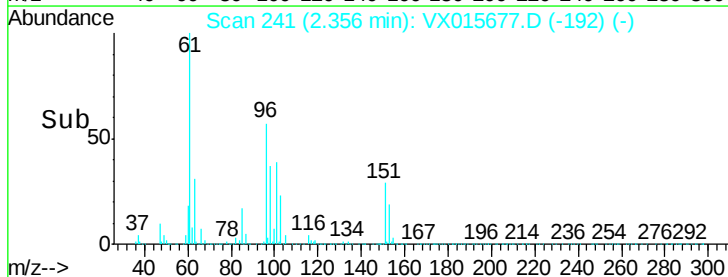
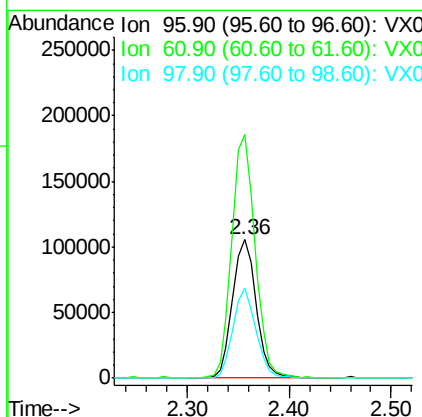
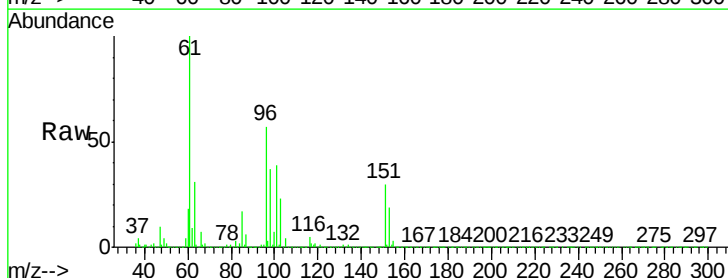
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#12
1,1-Dichloroethene
Concen: 16.929 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.00 min
Lab File: VX015677.D
Acq: 15 Apr 2020 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	167880		
61	176.3		135.7	203.5
98	64.7		50.6	75.8





#13

Acrolein

Concen: 82.748 ug/l

RT: 2.27 min Scan# 227

Delta R.T. -0.00 min

Lab File: VX015677.D

Acq: 15 Apr 2020 12:59

Instrument :

MSVOA_X

ClientSampleId :

VX0415WBSD01

Tot Ion: 56 Resp: 167147

Ion Ratio Lower Upper

56 100

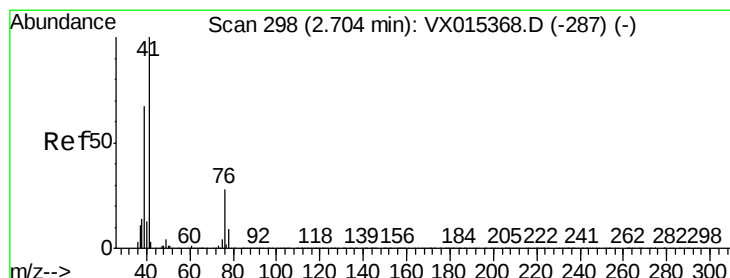
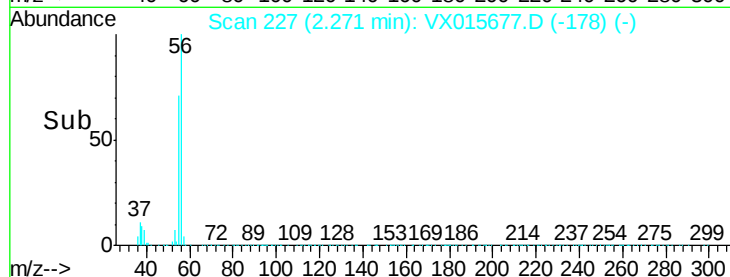
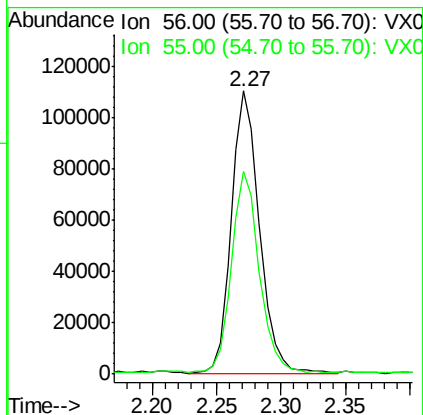
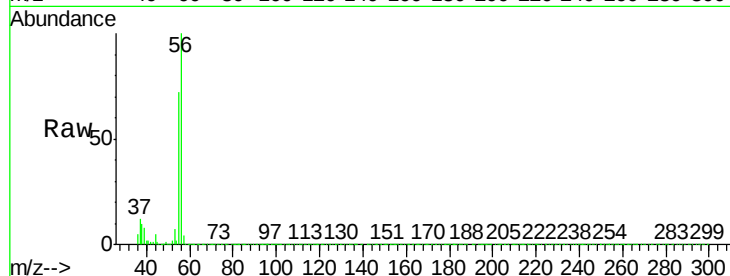
55 70.2 57.0 85.4

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#14

Allyl chloride

Concen: 15.947 ug/l

RT: 2.70 min Scan# 298

Delta R.T. -0.00 min

Lab File: VX015677.D

Acq: 15 Apr 2020 12:59

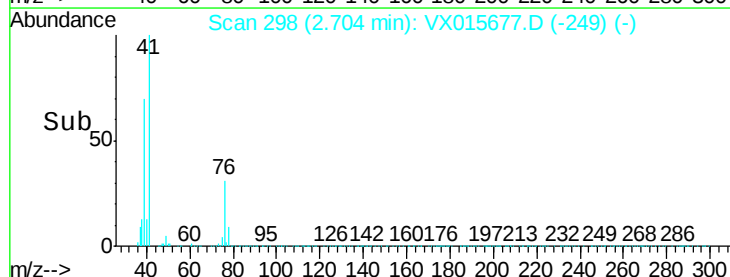
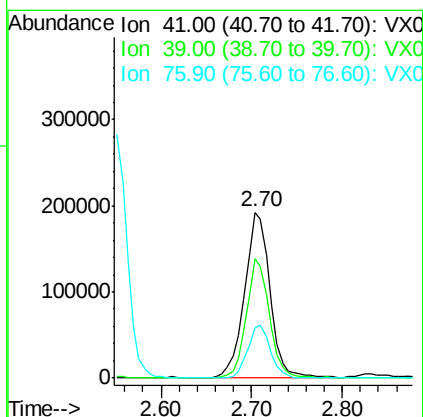
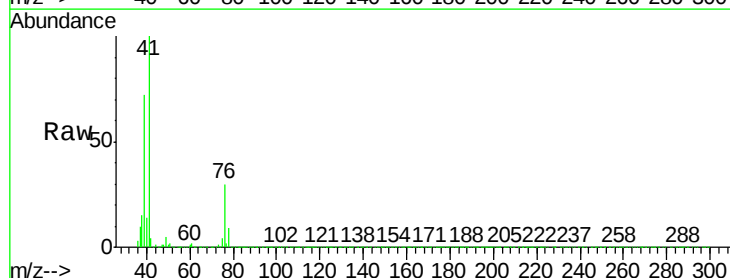
Tgt Ion: 41 Resp: 369516

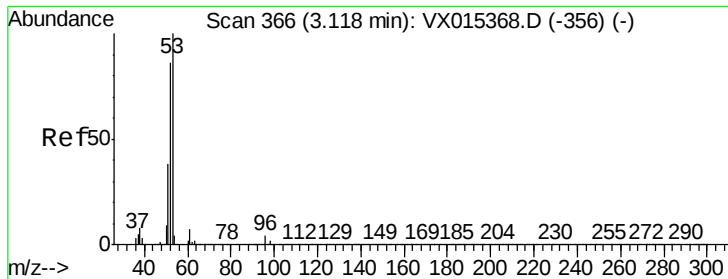
Ion Ratio Lower Upper

41 100

39 66.9 51.4 77.0

76 28.4 21.8 32.8





#15

Acrylonitrile

Concen: 83.746 ug/l

RT: 3.12 min Scan# 366

Delta R.T. -0.00 min

Lab File: VX015677.D

Acq: 15 Apr 2020 12:59

Instrument :

MSVOA_X

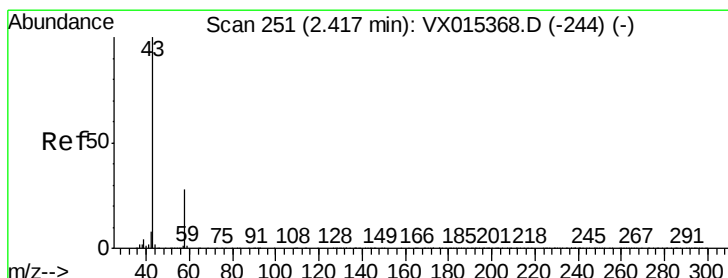
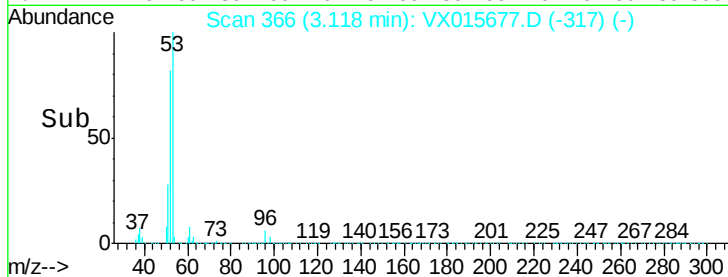
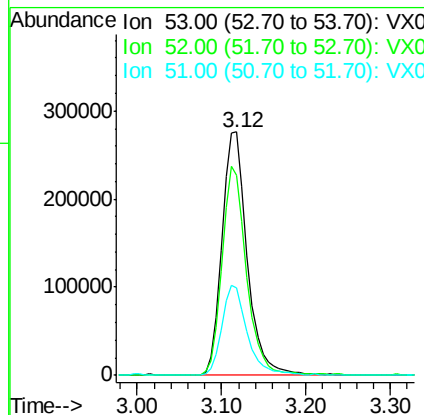
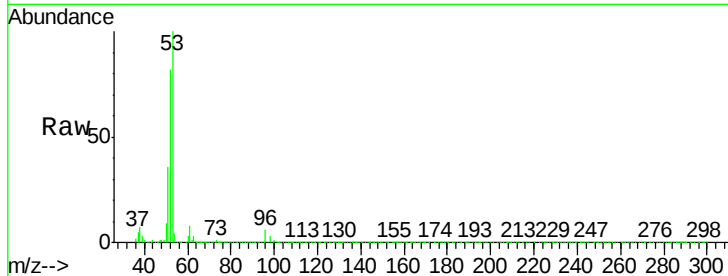
ClientSampleId :

VX0415WBSD01

Tot Ion:	53	Resp:	566327
Ion Ratio		Lower	Upper
53	100		
52	83.4	66.8	100.2
51	36.8	29.5	44.3

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#16

Acetone

Concen: 80.184 ug/l

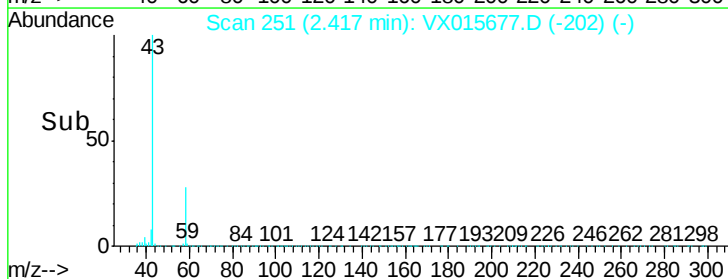
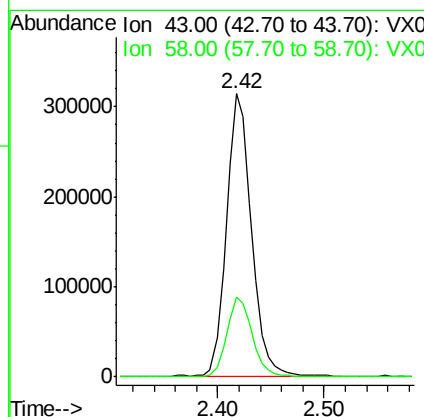
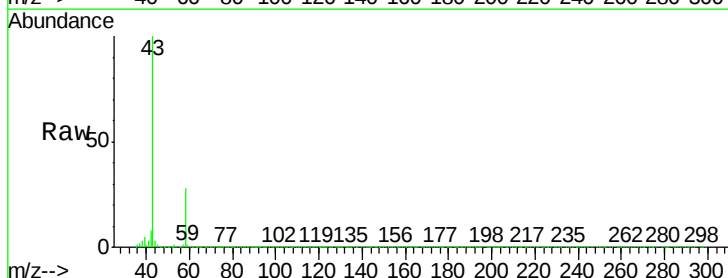
RT: 2.42 min Scan# 251

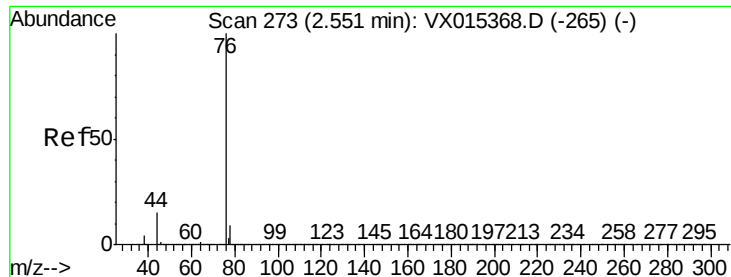
Delta R.T. -0.00 min

Lab File: VX015677.D

Acq: 15 Apr 2020 12:59

Tgt Ion:	43	Resp:	510355
Ion Ratio		Lower	Upper
43	100		
58	28.3	22.1	33.1





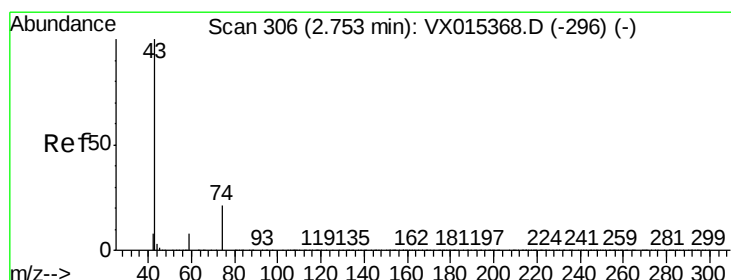
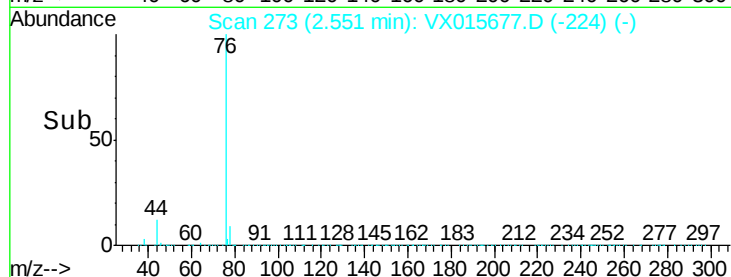
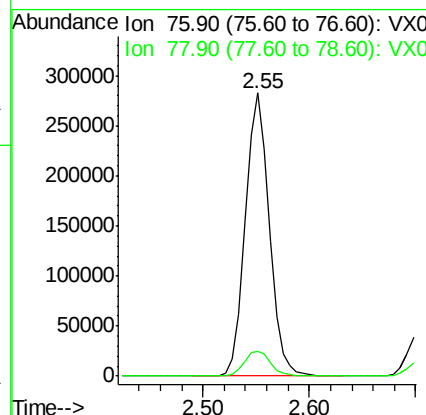
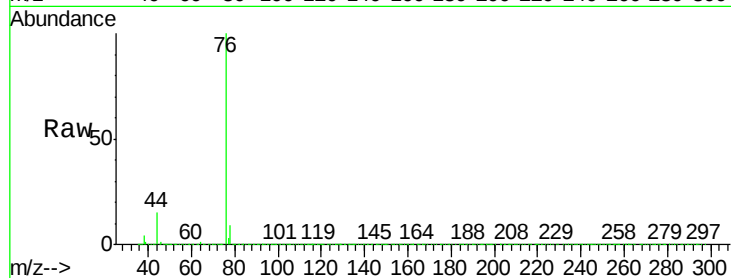
#17
Carbon Disulfide
Concen: 14.760 ug/l
RT: 2.55 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX015677.D
Acq: 15 Apr 2020 12:59

Instrument :
MSVOA_X
ClientSampleId :
VX0415WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.1	10.7

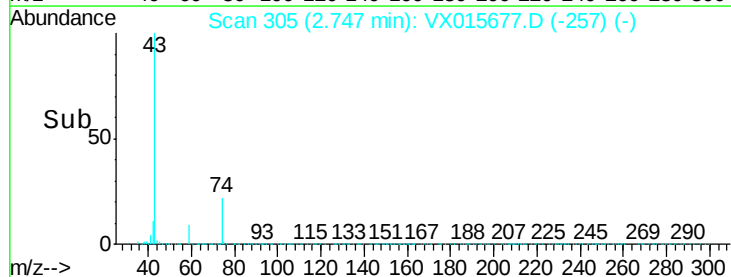
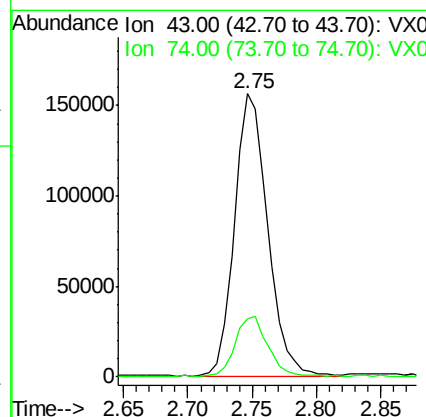
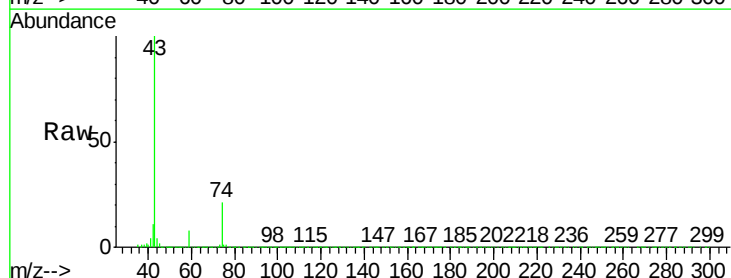
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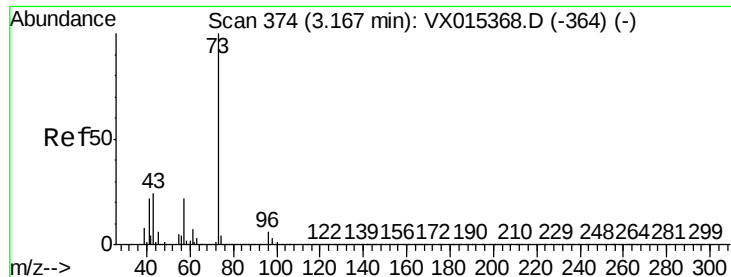
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#18
Methyl Acetate
Concen: 17.244 ug/l
RT: 2.75 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX015677.D
Acq: 15 Apr 2020 12:59

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.0	16.5	24.7





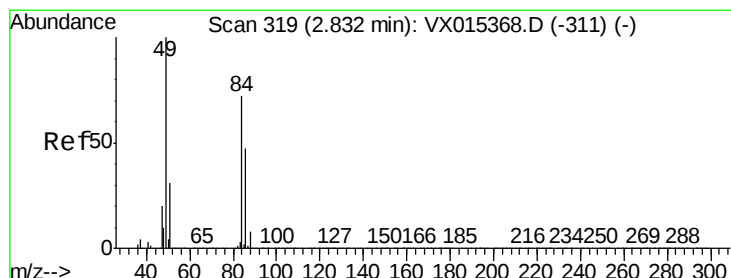
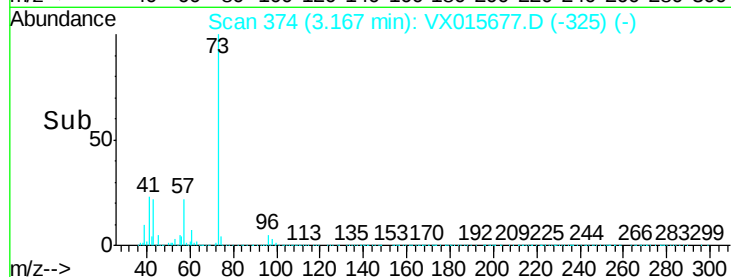
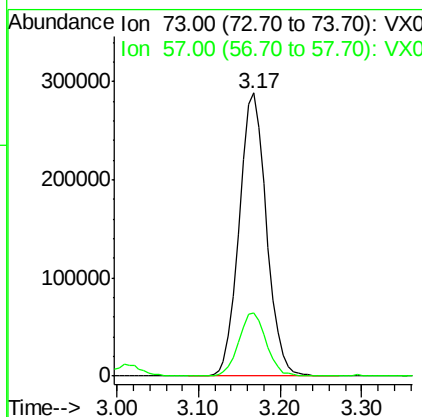
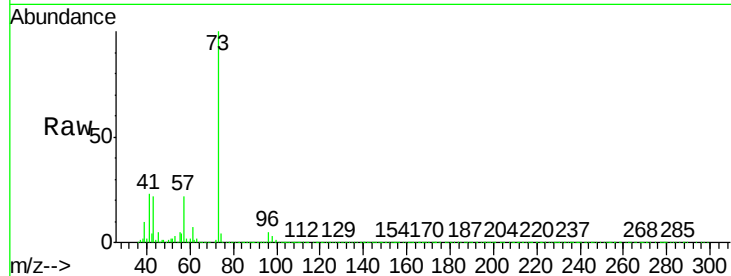
#19
Methvl tert-butvl Ether
Concen: 17.315 ug/l
RT: 3.17 min Scan# 374
Delta R.T. -0.00 min
Lab File: VX015677.D
Acq: 15 Apr 2020 12:59

Instrument :
MSVOA_X
ClientSampleId :
VX0415WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.1	17.9	26.9

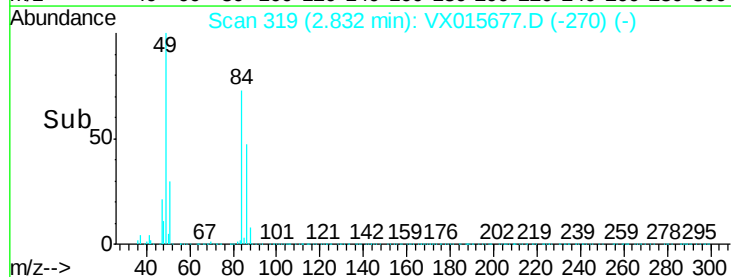
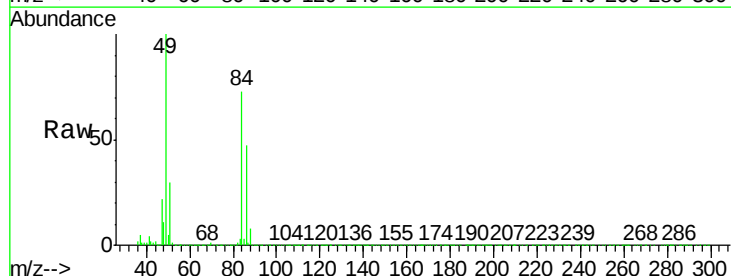
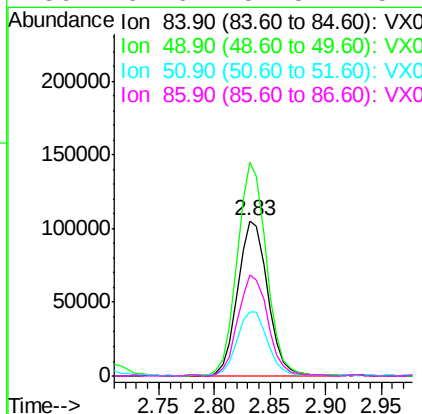
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#20
Methylene Chloride
Concen: 16.503 ug/l
RT: 2.83 min Scan# 319
Delta R.T. -0.00 min
Lab File: VX015677.D
Acq: 15 Apr 2020 12:59

Tgt Ion	Ratio	Lower	Upper
84	100		
49	137.7	111.3	166.9
51	41.0	34.0	51.0
86	64.6	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 16.722 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.00 min

Lab File: VX015677.D

Acq: 15 Apr 2020 12:59

Instrument :

MSVOA_X

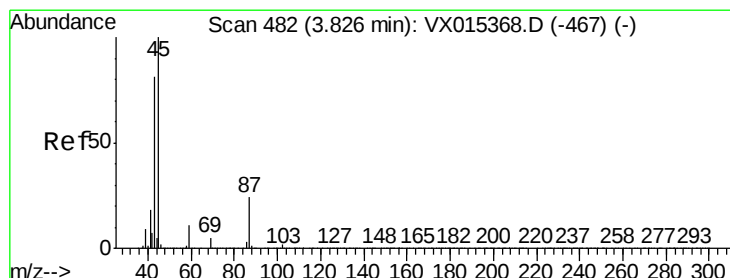
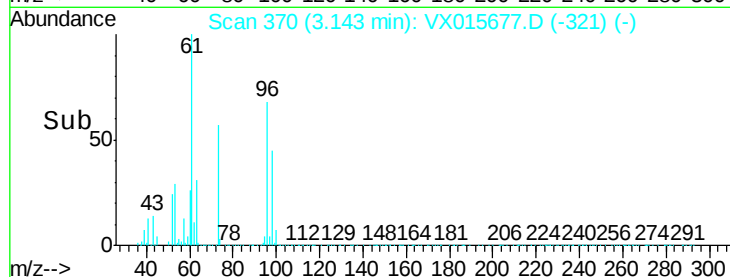
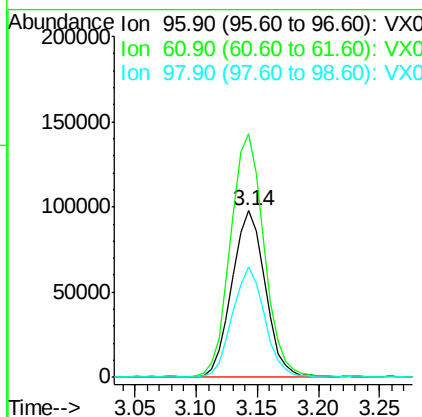
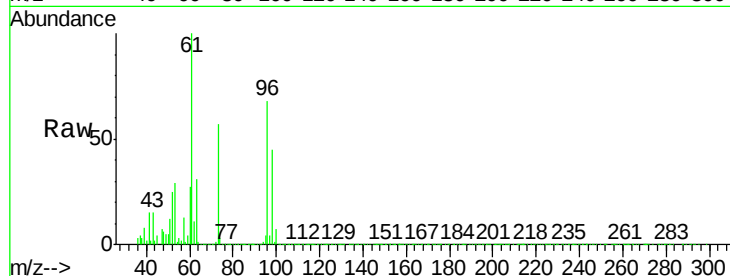
ClientSampleId :

VX0415WBSD01

Tot Ion:	96	Resp:	184038
Ion Ratio	Lower	Upper	
96	100		
61	146.6	116.9	175.3
98	66.4	48.6	73.0

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#22

Diisopropyl ether

Concen: 17.425 ug/l

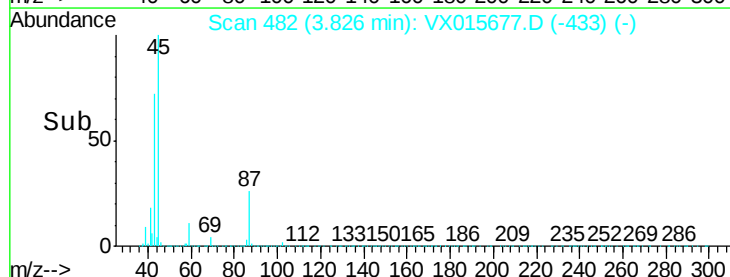
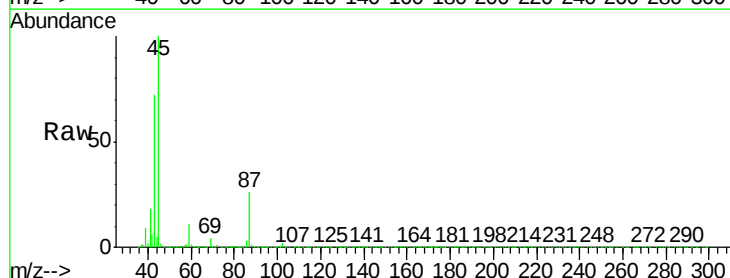
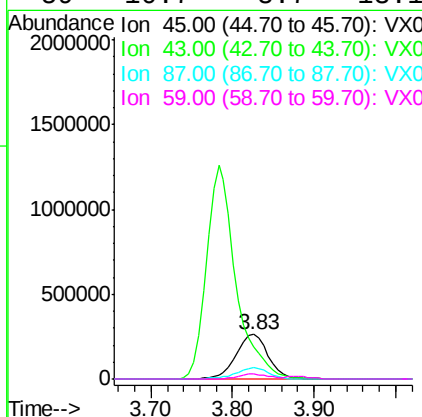
RT: 3.83 min Scan# 482

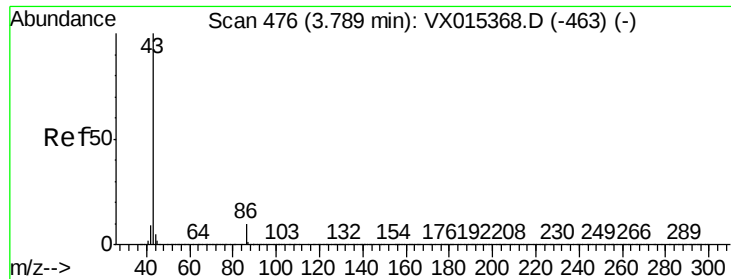
Delta R.T. -0.00 min

Lab File: VX015677.D

Acq: 15 Apr 2020 12:59

Tgt Ion:	45	Resp:	715453
Ion Ratio	Lower	Upper	
45	100		
43	70.9	64.7	97.1
87	25.6	19.4	29.0
59	10.7	8.7	13.1





#23

Vinyl Acetate

Concen: 85.874 ug/l

RT: 3.78 min Scan# 475

Delta R.T. -0.01 min

Lab File: VX015677.D

Acq: 15 Apr 2020 12:59

Instrument :

MSVOA_X

ClientSampleId :

VX0415WBSD01

Tot Ion: 43 Resp: 3192442

Ion Ratio Lower Upper

43 100

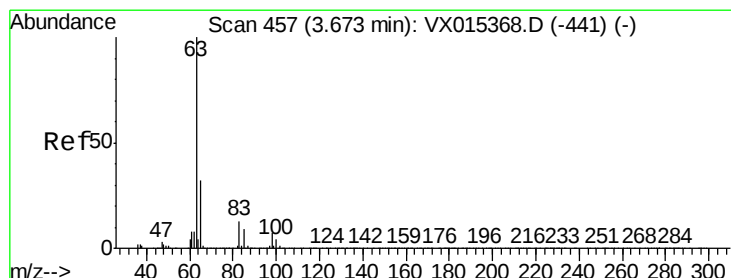
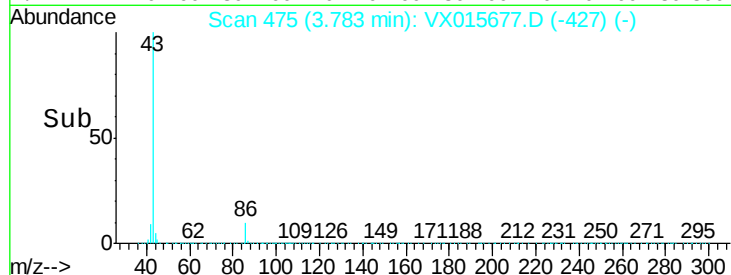
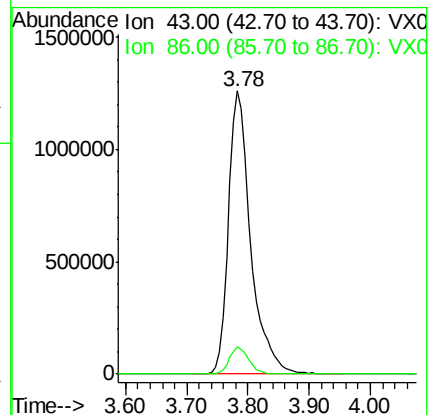
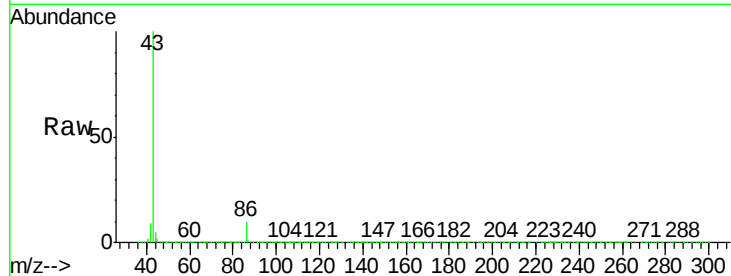
86 9.5 7.8 11.6

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#24

1,1-Dichloroethane

Concen: 16.587 ug/l

RT: 3.67 min Scan# 456

Delta R.T. -0.01 min

Lab File: VX015677.D

Acq: 15 Apr 2020 12:59

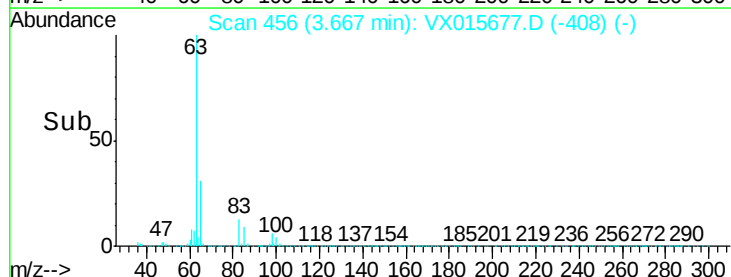
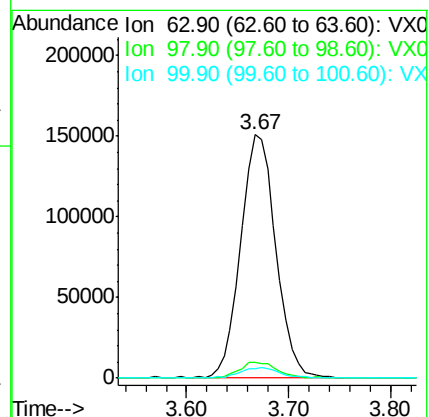
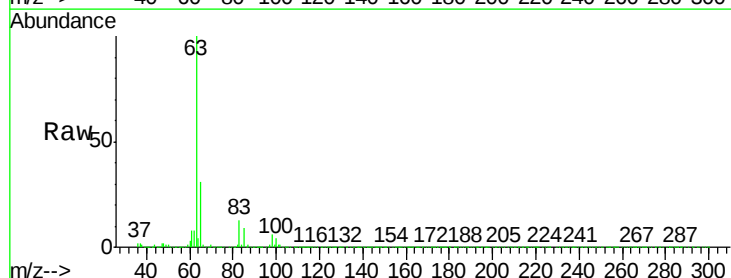
Tgt Ion: 63 Resp: 358584

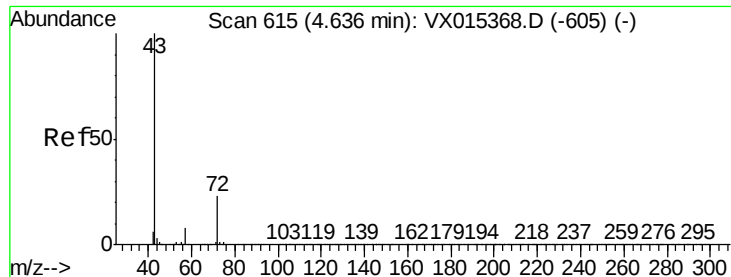
Ion Ratio Lower Upper

63 100

98 6.3 3.3 9.8

100 4.0 2.1 6.5





#25

2-Butanone

Concen: 80.384 ug/l

RT: 4.64 min Scan# 615

Delta R.T. -0.00 min

Lab File: VX015677.D

Acq: 15 Apr 2020 12:59

Tot Ion: 43 Resp: 822805

Ion Ratio Lower Upper

43 100

72 23.2 19.0 28.4

Instrument :

MSVOA_X

ClientSampleId :

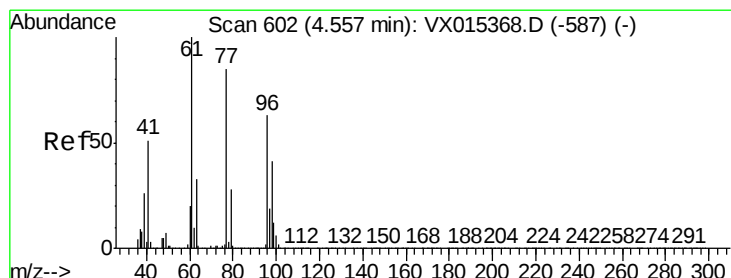
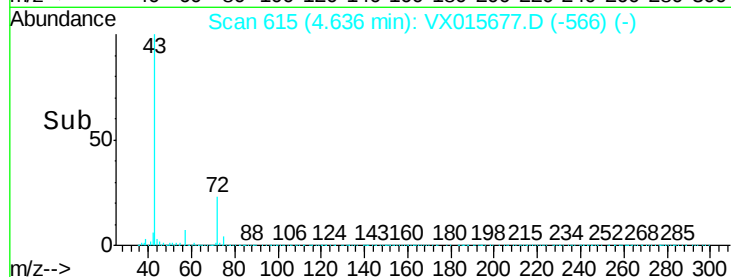
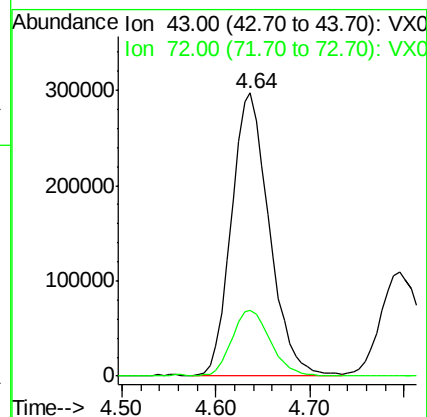
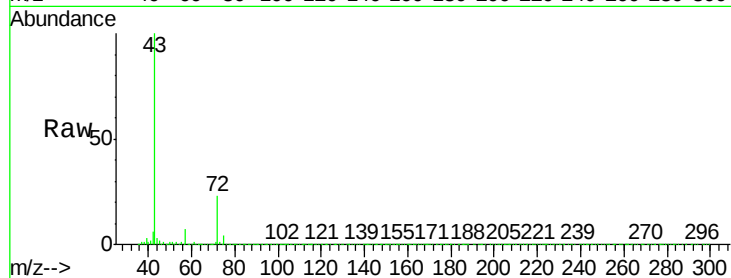
VX0415WBSD01

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#26

2,2-Dichloropropane

Concen: 18.223 ug/l

RT: 4.55 min Scan# 601

Delta R.T. -0.01 min

Lab File: VX015677.D

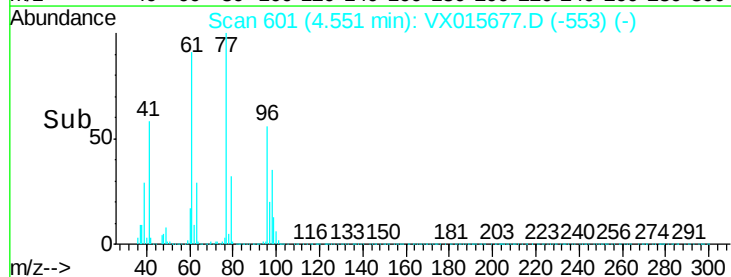
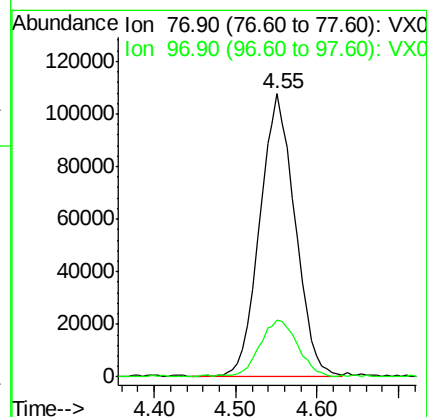
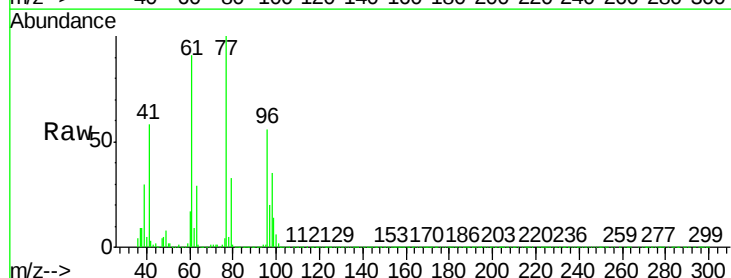
Acq: 15 Apr 2020 12:59

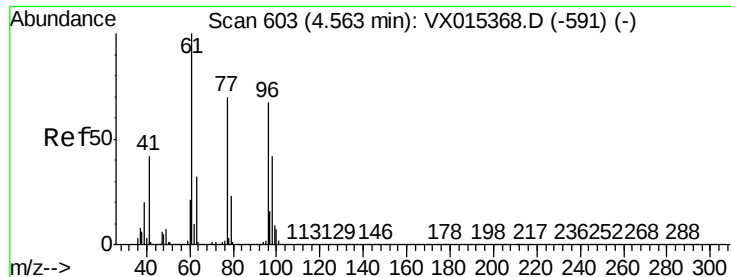
Tgt Ion: 77 Resp: 323370

Ion Ratio Lower Upper

77 100

97 21.5 11.3 33.8





#27

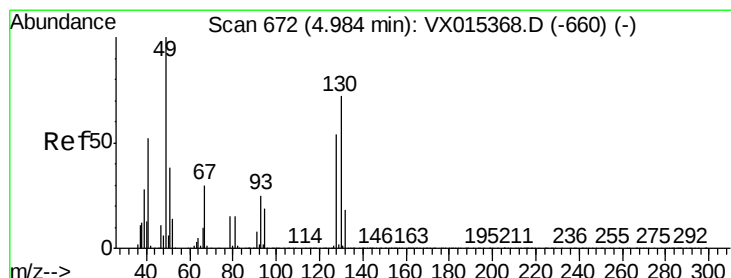
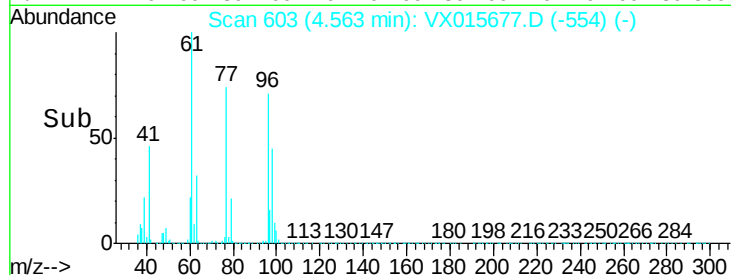
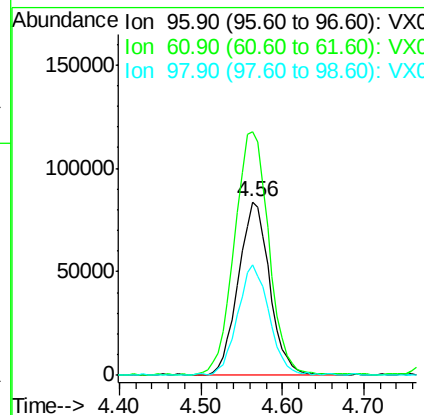
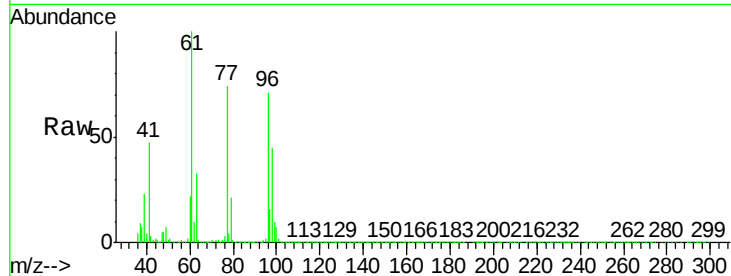
cis-1,2-Dichloroethene
Concen: 17.355 ug/l
RT: 4.56 min Scan# 603
Delta R.T. -0.00 min
Lab File: VX015677.D
Acq: 15 Apr 2020 12:59

Instrument :
MSVOA_X
ClientSampleId :
VX0415WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	220985		
61	154.5		0.0	308.4
98	64.3		0.0	129.2

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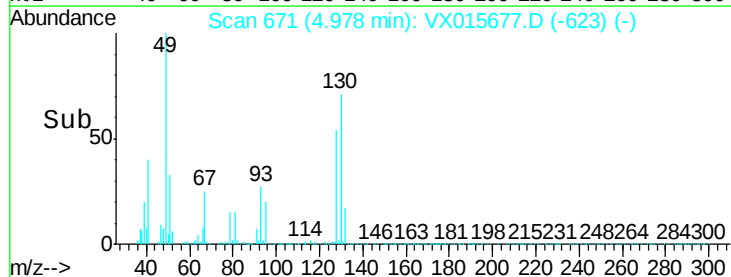
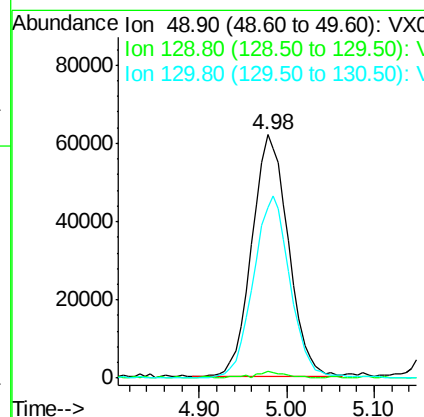
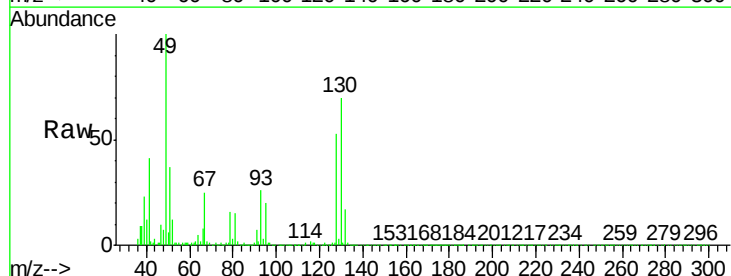
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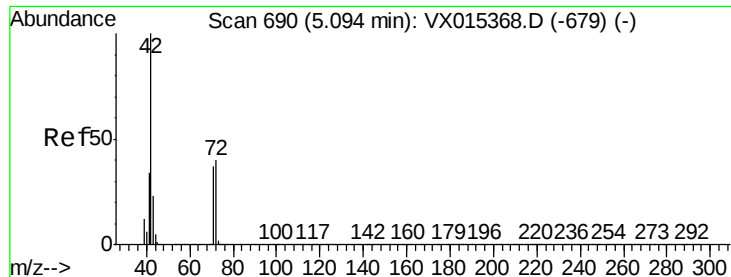


#28

Bromochloromethane
Concen: 17.470 ug/l
RT: 4.98 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX015677.D
Acq: 15 Apr 2020 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	180319		
129	2.3		0.0	4.4
130	74.6		57.7	86.5





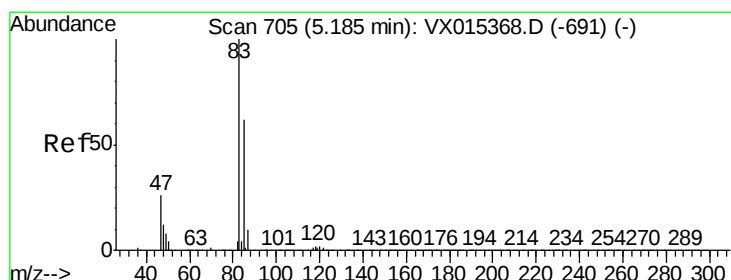
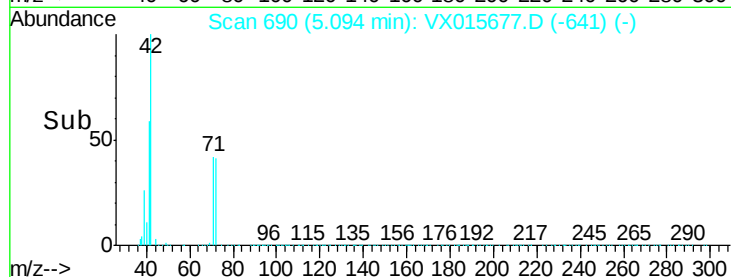
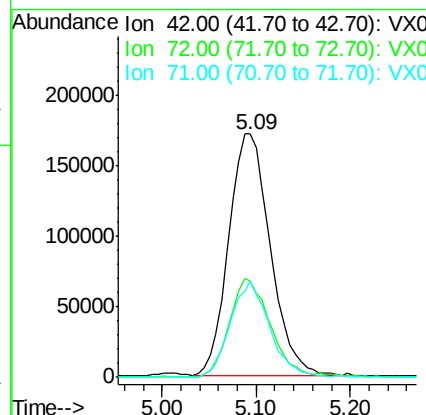
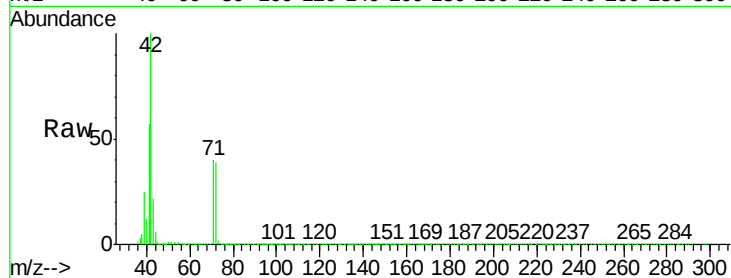
#29
Tetrahydrofuran
Concen: 80.444 ug/l
RT: 5.09 min Scan# 690
Delta R.T. -0.00 min
Lab File: VX015677.D
Acq: 15 Apr 2020 12:59

Instrument :
MSVOA_X
ClientSampleId :
VX0415WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.0	31.7	47.5
71	37.3	29.6	44.4

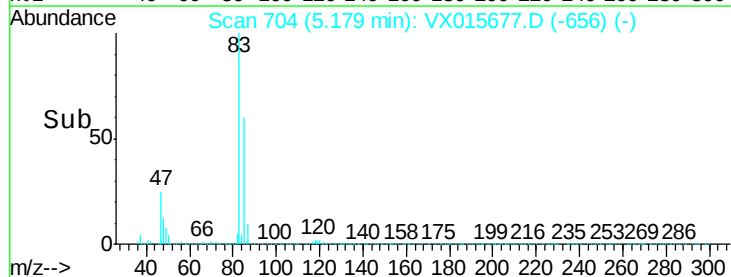
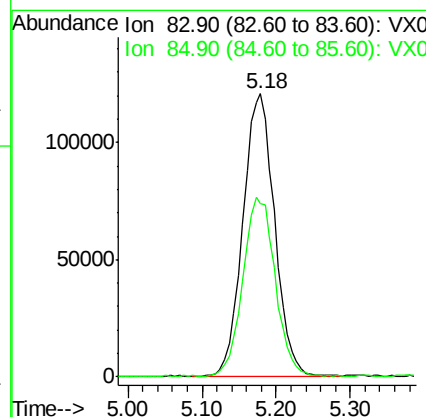
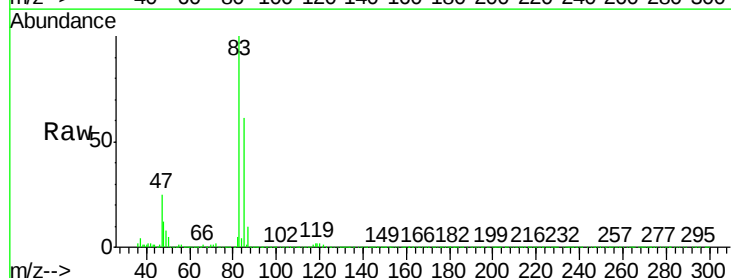
Manual Integrations
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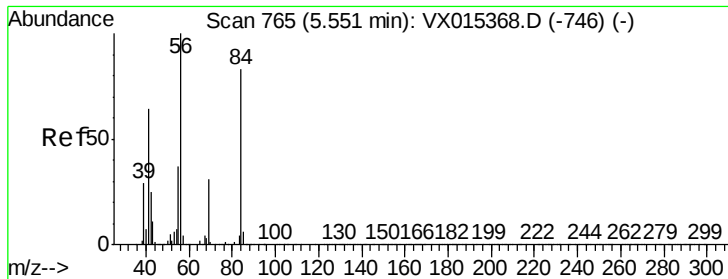
MMDadoda
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#30
Chloroform
Concen: 17.264 ug/l
RT: 5.18 min Scan# 704
Delta R.T. -0.01 min
Lab File: VX015677.D
Acq: 15 Apr 2020 12:59

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.2	49.5	74.3





#31

Cyclohexane

Concen: 17.459 ug/l

RT: 5.55 min Scan# 765

Delta R.T. -0.00 min

Lab File: VX015677.D

Acq: 15 Apr 2020 12:59

Instrument :

MSVOA_X

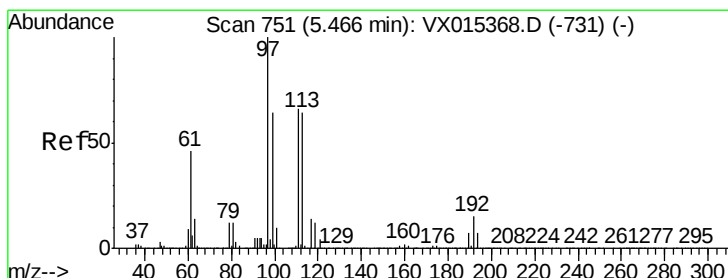
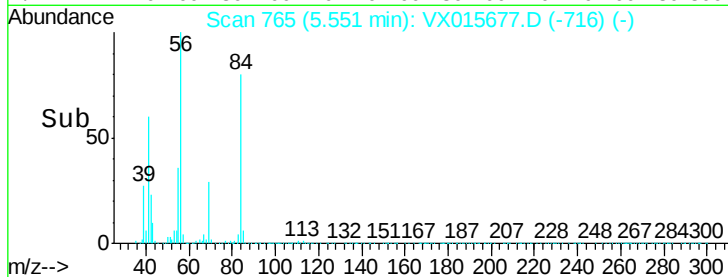
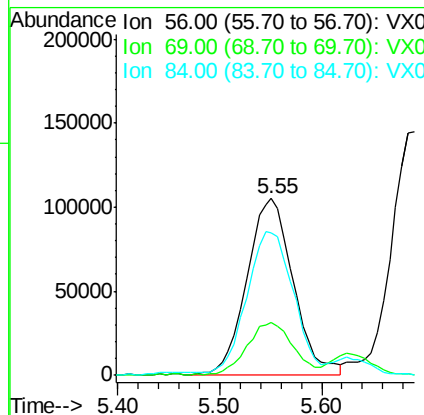
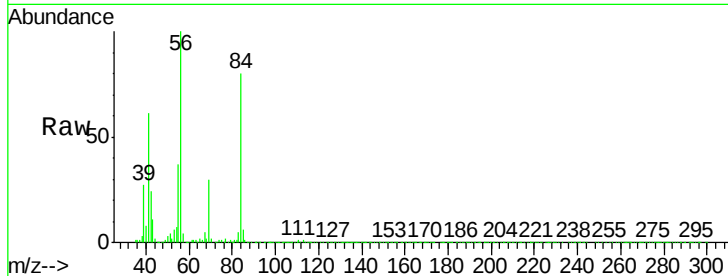
ClientSampleId :

VX0415WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.6	24.6	36.8
84	78.7	66.1	99.1

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#32

1,1,1-Trichloroethane

Concen: 16.947 ug/l

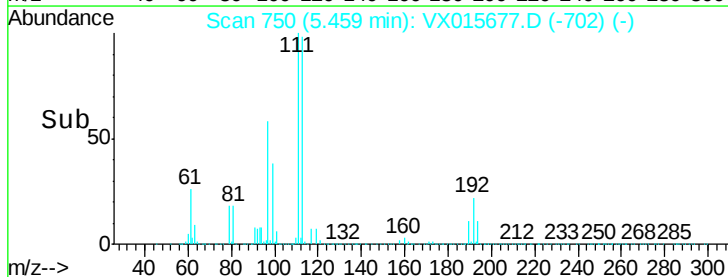
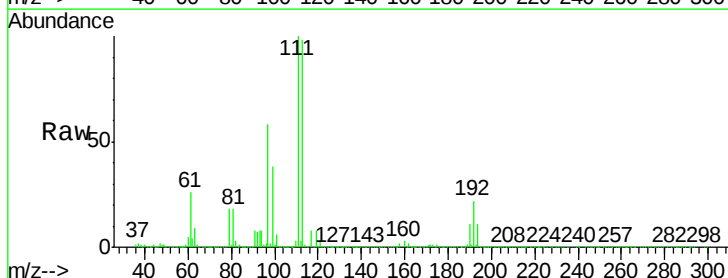
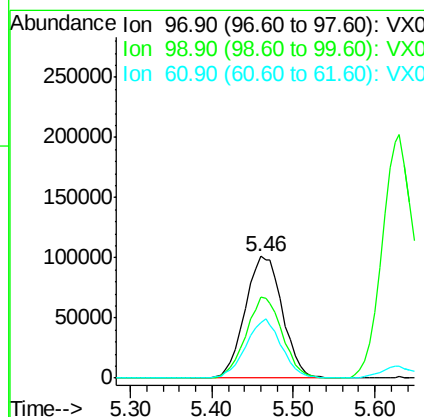
RT: 5.46 min Scan# 750

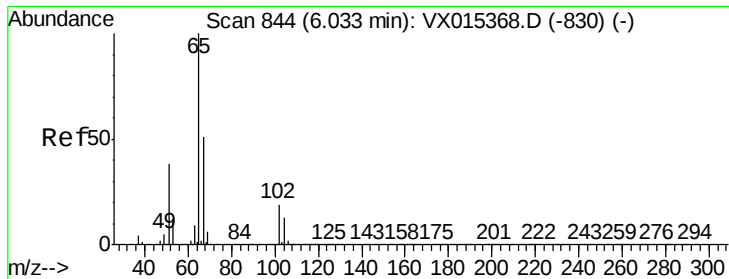
Delta R.T. -0.01 min

Lab File: VX015677.D

Acq: 15 Apr 2020 12:59

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.0	76.4
61	45.7	36.1	54.1





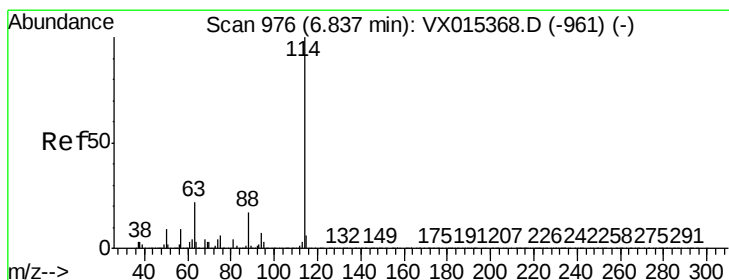
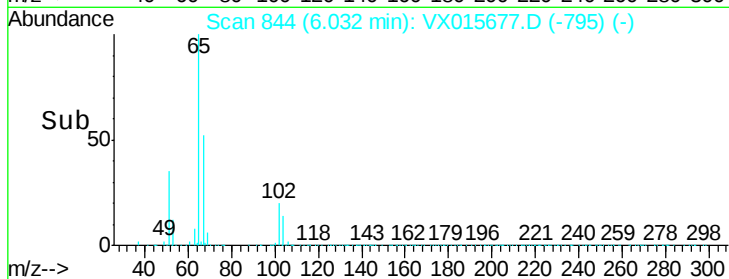
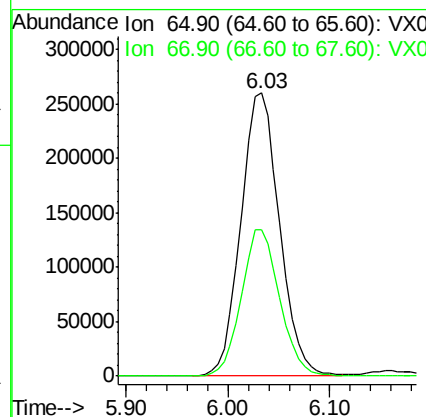
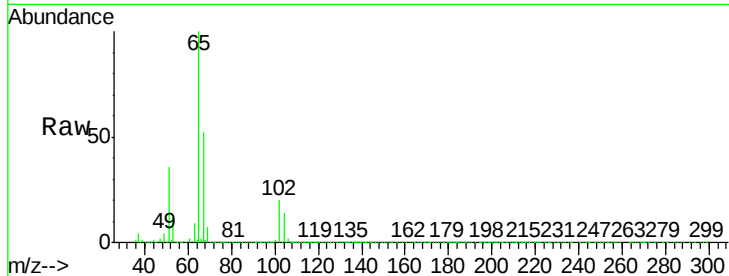
#33
 1,2-Dichloroethane-d4
 Concen: 45.981 ug/l
 RT: 6.03 min Scan# 844
 Delta R.T. -0.00 min
 Lab File: VX015677.D
 Acq: 15 Apr 2020 12:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0415WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	681192		
67	51.4	0.0	102.6	

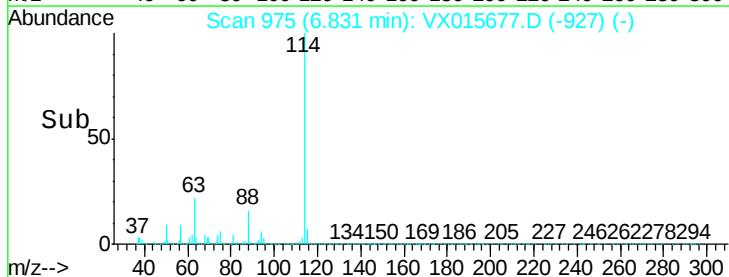
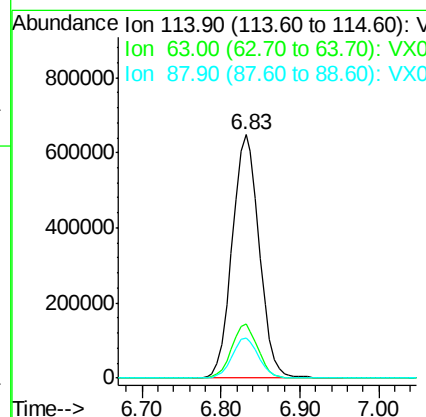
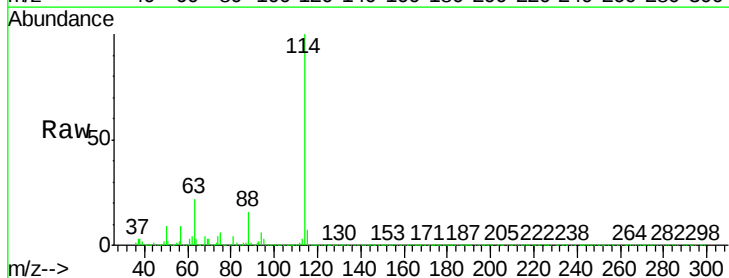
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: VX015677.D
 Acq: 15 Apr 2020 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	1540795		
63	22.1	0.0	44.2	
88	16.3	0.0	33.8	





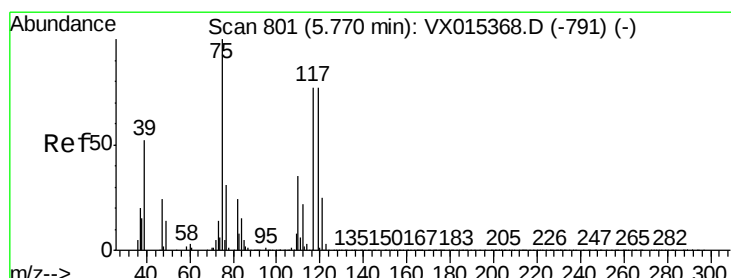
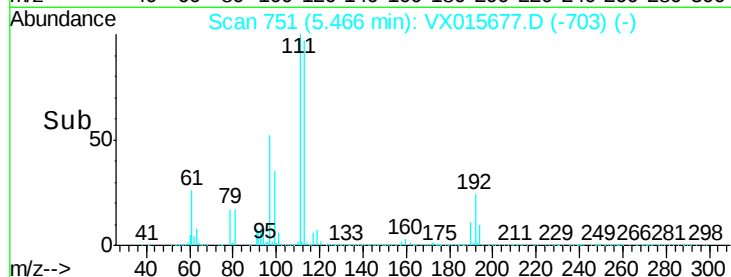
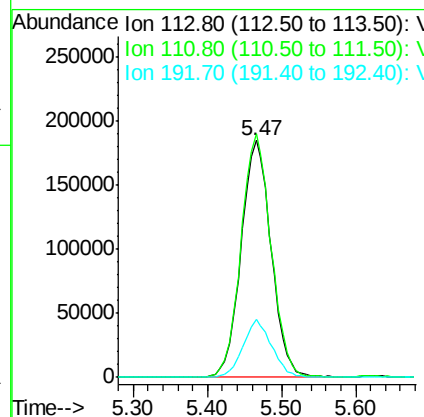
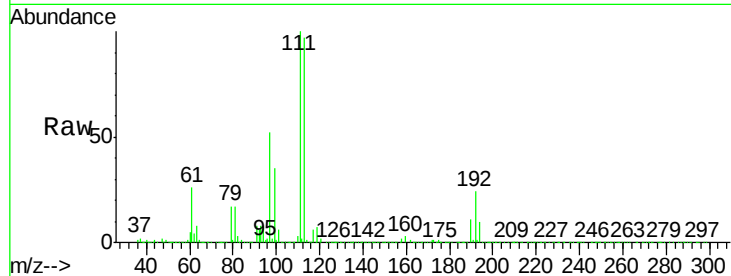
#35
Dibromofluoromethane
Concen: 52.898 ug/l
RT: 5.47 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX015677.D
Acq: 15 Apr 2020 12:59

Instrument :
MSVOA_X
ClientSampleId :
VX0415WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	520999		
111	103.0		81.5	122.3
192	23.1		17.8	26.6

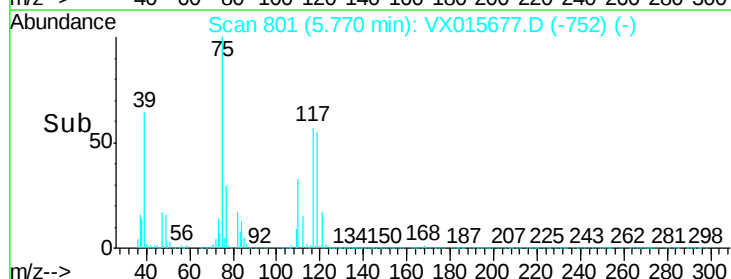
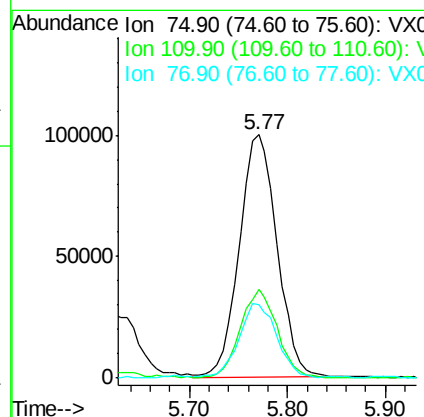
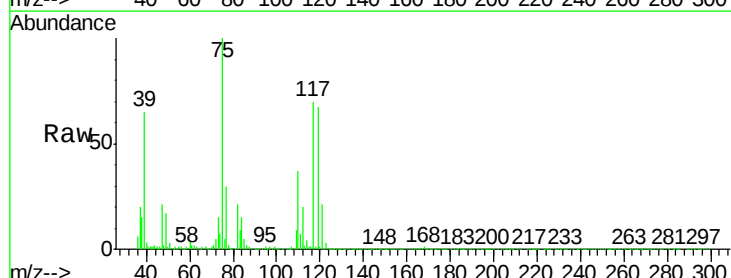
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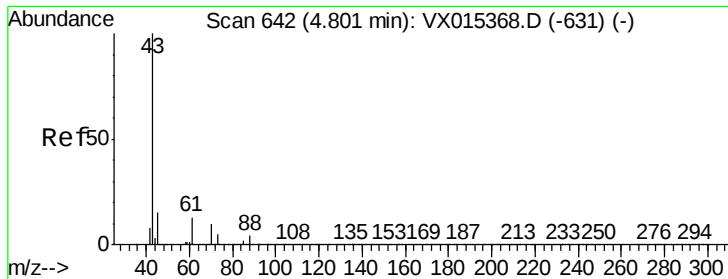
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#36
1,1-Dichloropropene
Concen: 18.845 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.00 min
Lab File: VX015677.D
Acq: 15 Apr 2020 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	267535		
110	35.6		17.1	51.3
77	30.5		24.6	36.8





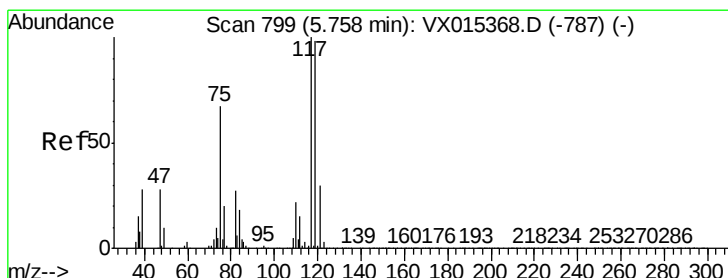
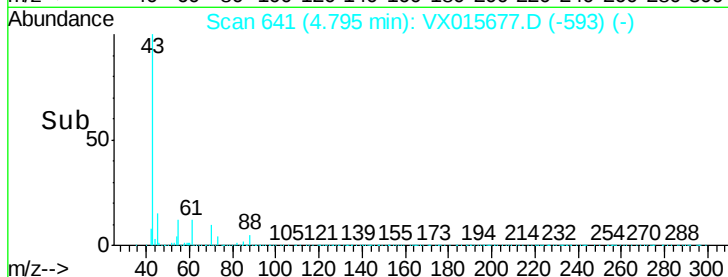
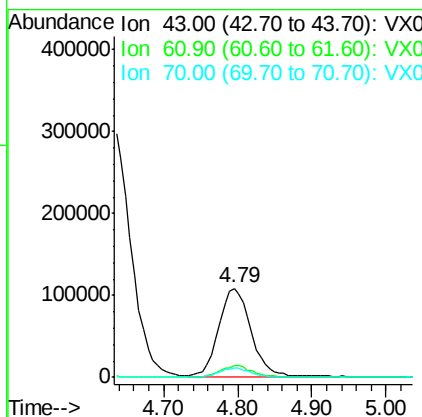
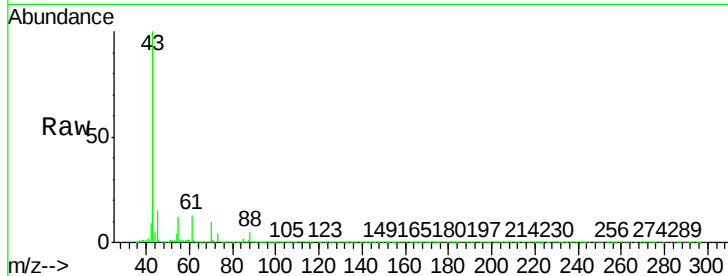
#37
Ethyl Acetate
Concen: 17.404 ug/l
RT: 4.79 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX015677.D
Acq: 15 Apr 2020 12:59

Instrument :
MSVOA_X
ClientSampleId :
VX0415WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.9	9.9	14.9
70	10.7	8.1	12.1

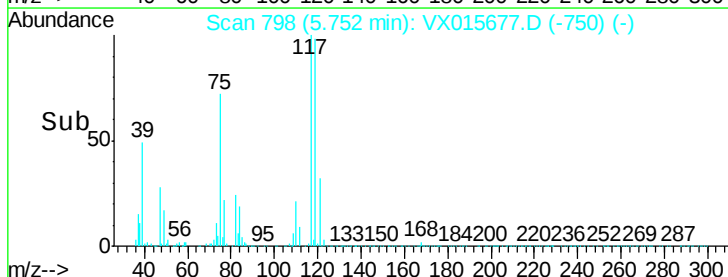
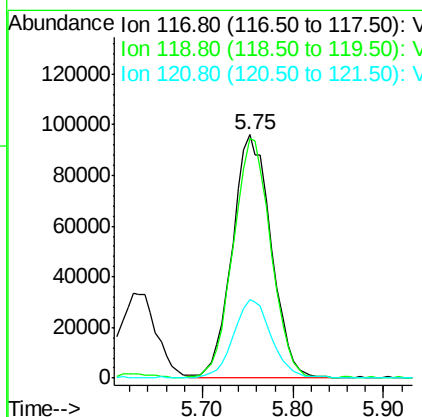
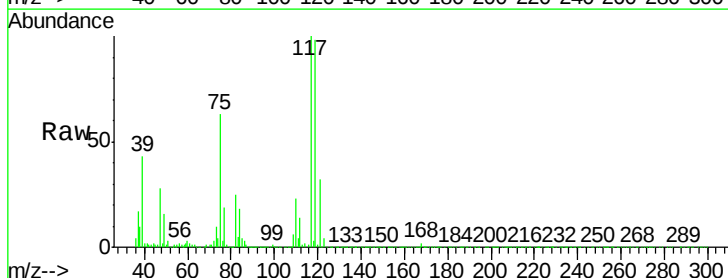
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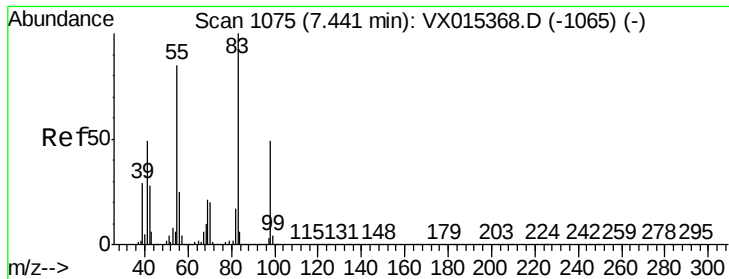
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#38
Carbon Tetrachloride
Concen: 18.424 ug/l
RT: 5.75 min Scan# 798
Delta R.T. -0.01 min
Lab File: VX015677.D
Acq: 15 Apr 2020 12:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.3	78.0	117.0
121	32.0	23.8	35.8





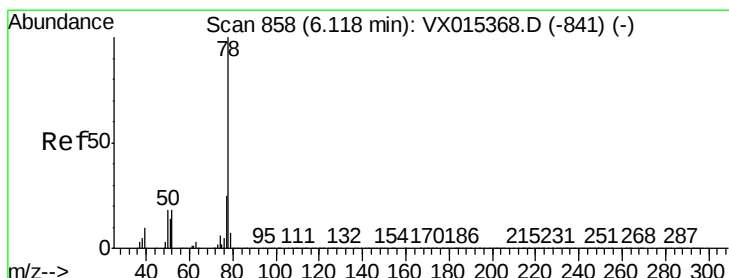
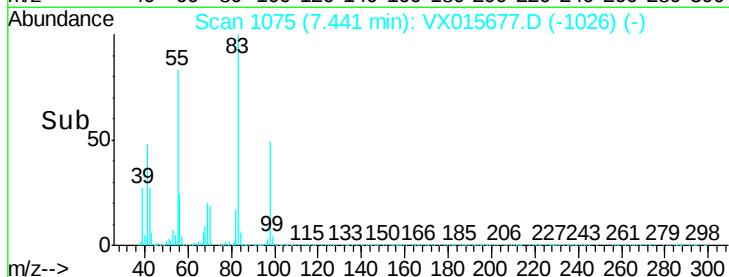
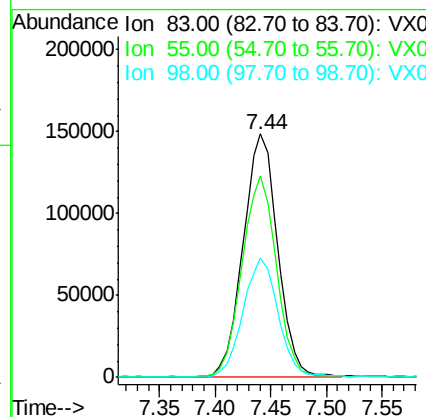
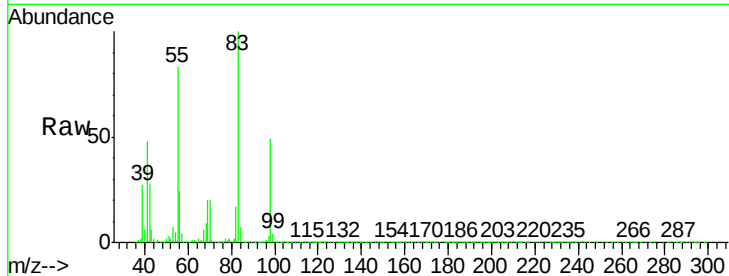
#39
Methvlcvclohexane
Concen: 19.506 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VX015677.D
Acq: 15 Apr 2020 12:59

Instrument :
MSVOA_X
ClientSampleId :
VX0415WBSD01

Tot Ion	83	Resp	319298
Ion	Ratio	Lower	Upper
83	100		
55	82.4	67.8	101.6
98	49.1	39.3	58.9

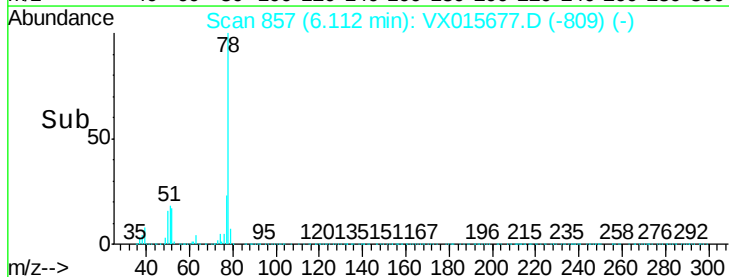
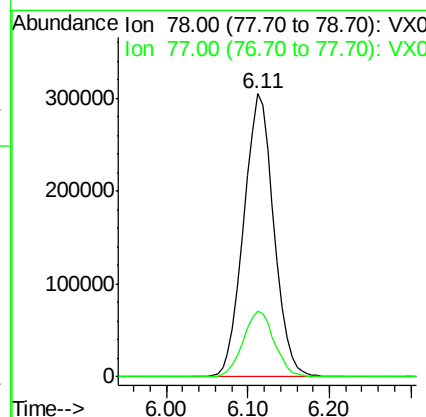
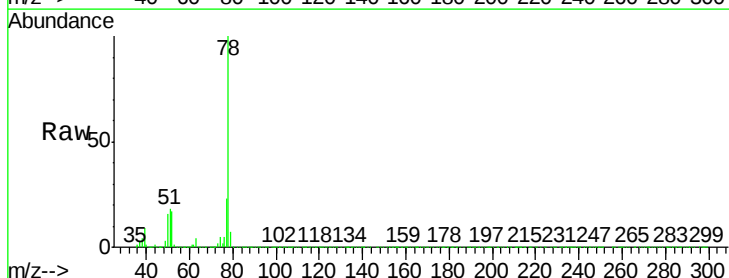
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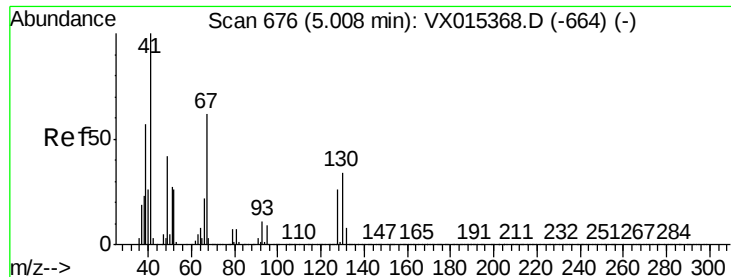
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#40
Benzene
Concen: 18.822 ug/l
RT: 6.11 min Scan# 857
Delta R.T. -0.01 min
Lab File: VX015677.D
Acq: 15 Apr 2020 12:59

Tgt Ion	78	Resp	782719
Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.8	29.8





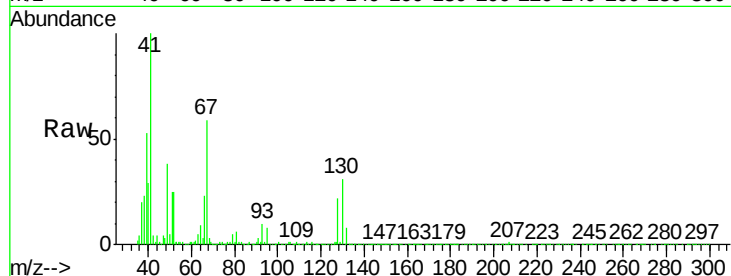
#41
Methacrylonitrile
Concen: 17.920 ug/l
RT: 5.01 min Scan# 676
Delta R.T. -0.00 min
Lab File: VX015677.D
Acq: 15 Apr 2020 12:59

Instrument :
MSVOA_X
ClientSampleId :
VX0415WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		183887		
39	56.1	44.5	66.7		
67	63.5	48.9	73.3		
52	27.1	21.8	32.6		

Manual Integrations
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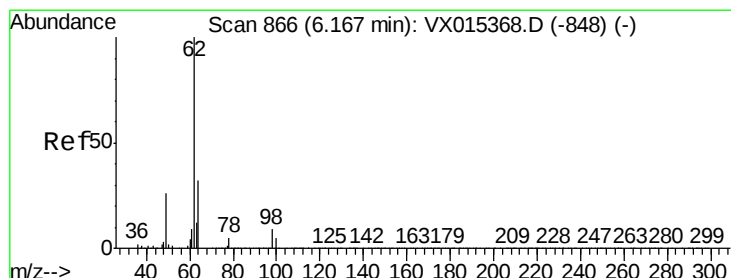
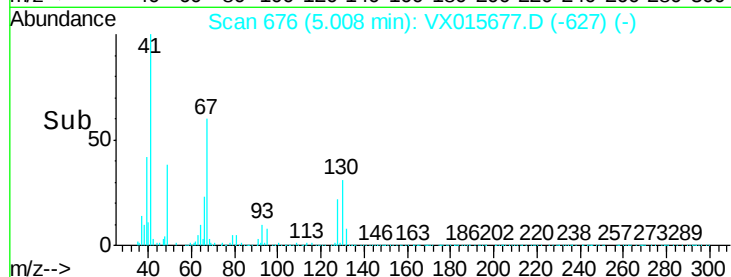
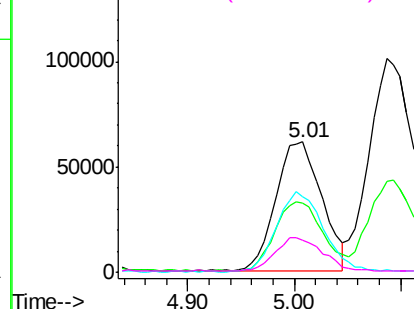
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

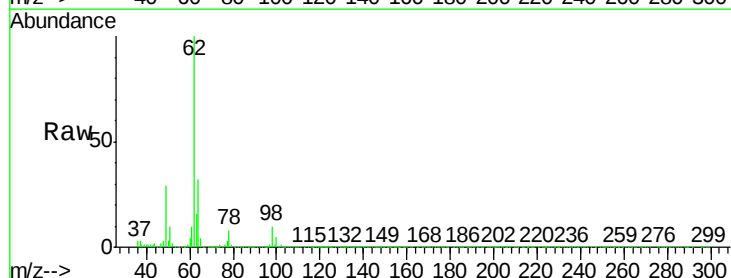
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 18.664 ug/l
RT: 6.16 min Scan# 865
Delta R.T. -0.01 min
Lab File: VX015677.D
Acq: 15 Apr 2020 12:59

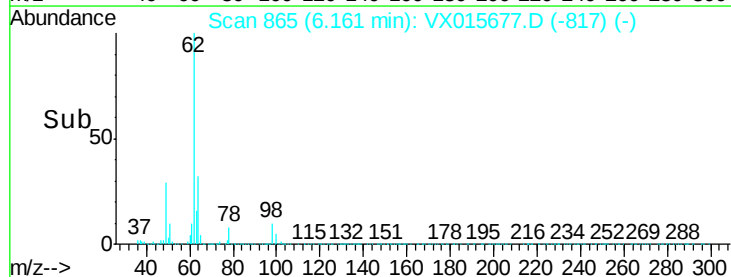
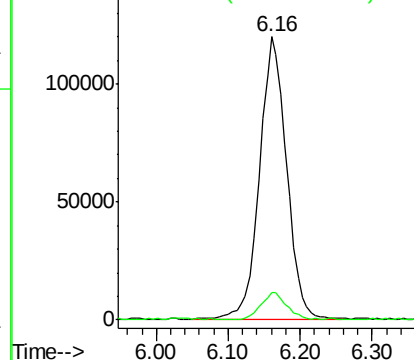
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		311770		
98	9.5	0.0	17.6		

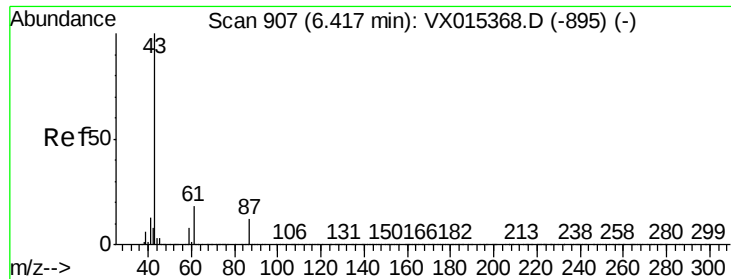


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 17.778 ug/l

RT: 6.41 min Scan# 906

Delta R.T. -0.01 min

Lab File: VX015677.D

Acq: 15 Apr 2020 12:59

Instrument :

MSVOA_X

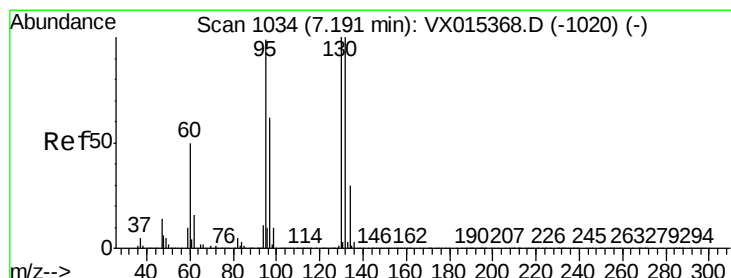
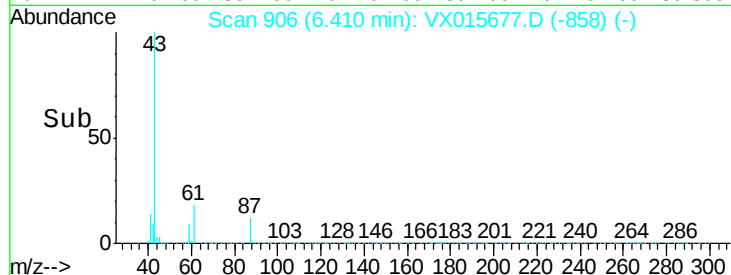
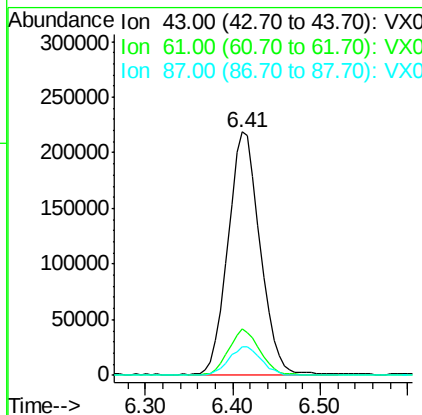
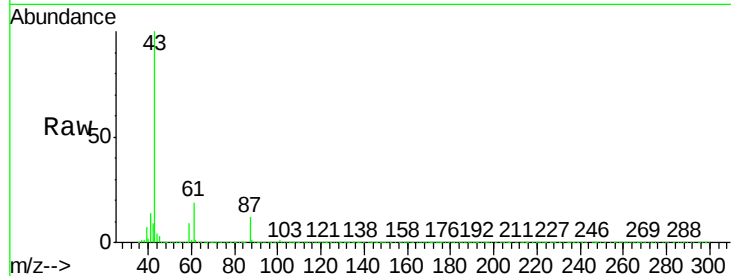
ClientSampleId :

VX0415WBSD01

Tot Ion:	43	Resp:	554743
Ion	Ratio	Lower	Upper
43	100		
61	18.4	14.8	22.2
87	12.0	9.4	14.0

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#44

Trichloroethene

Concen: 19.581 ug/l

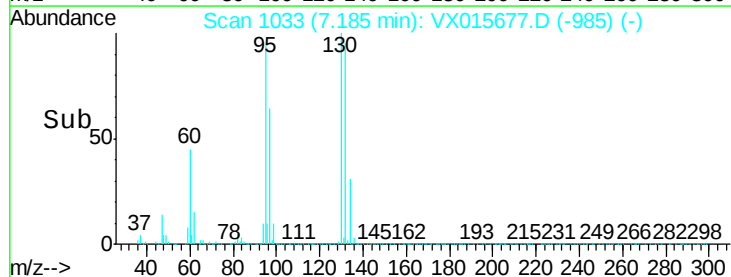
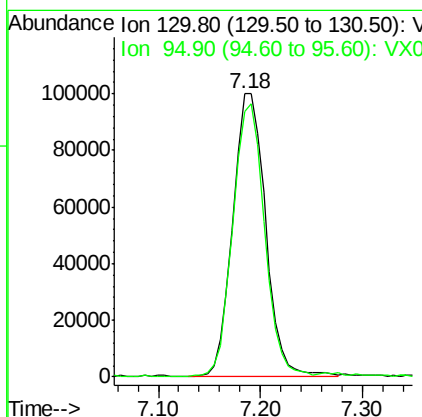
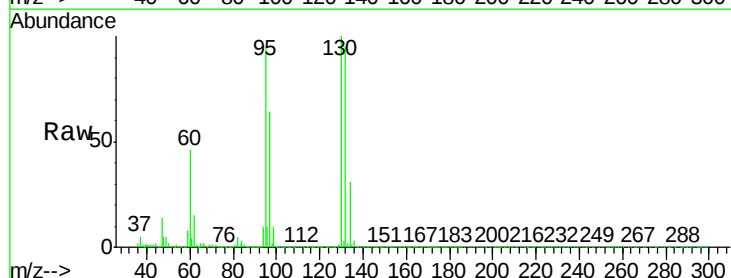
RT: 7.18 min Scan# 1033

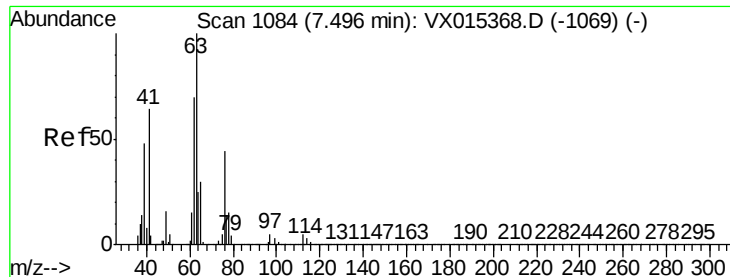
Delta R.T. -0.01 min

Lab File: VX015677.D

Acq: 15 Apr 2020 12:59

Tgt Ion:	130	Resp:	222082
Ion	Ratio	Lower	Upper
130	100		
95	93.8	0.0	199.0





#45

1,2-Dichloropropane

Concen: 18.430 ug/l

RT: 7.49 min Scan# 1083

Delta R.T. -0.01 min

Lab File: VX015677.D

Acq: 15 Apr 2020 12:59

Instrument :

MSVOA_X

ClientSampleId :

VX0415WBSD01

Tot Ion: 63 Resp: 209666

Ion Ratio Lower Upper

63 100

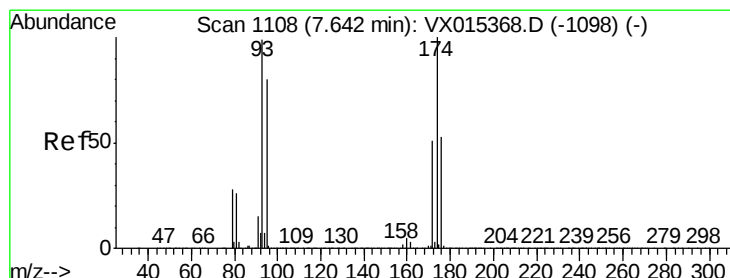
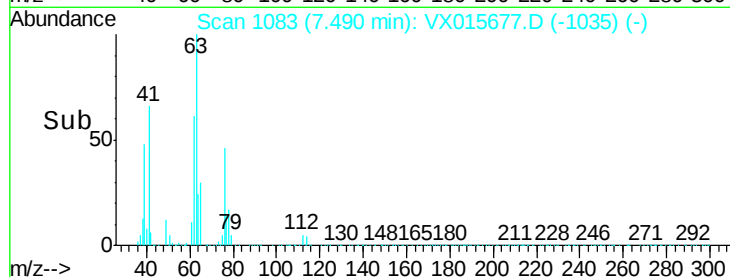
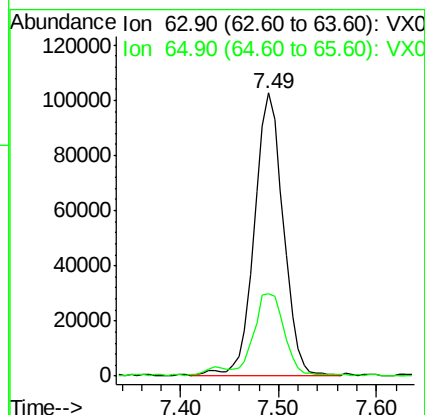
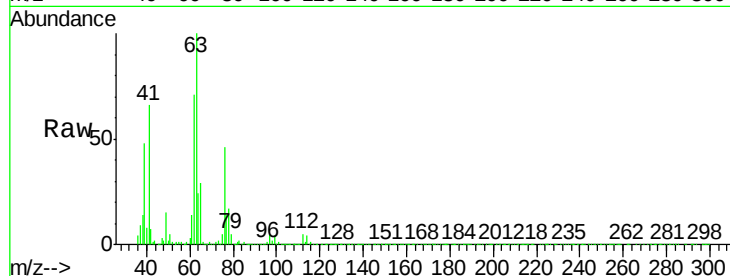
65 28.8 23.9 35.9

Manual Integrations

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#46

Dibromomethane

Concen: 19.115 ug/l

RT: 7.64 min Scan# 1107

Delta R.T. -0.01 min

Lab File: VX015677.D

Acq: 15 Apr 2020 12:59

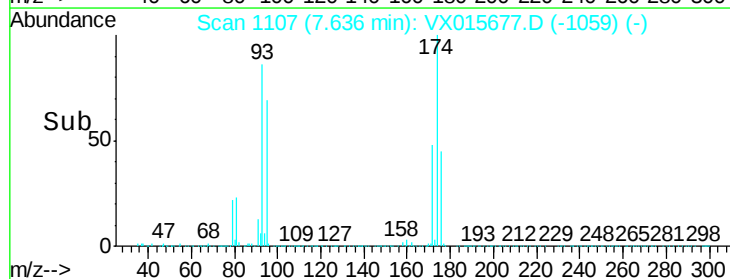
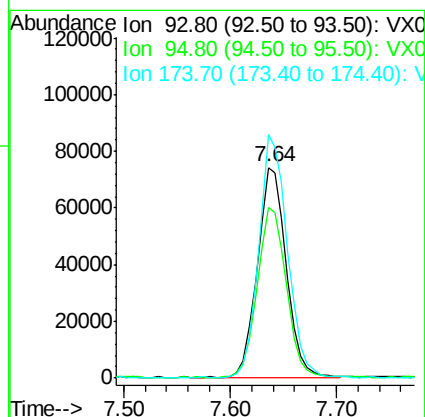
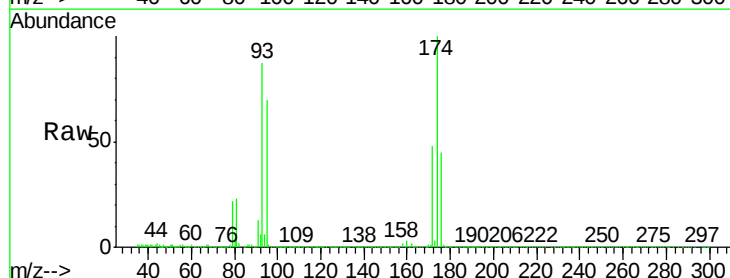
Tgt Ion: 93 Resp: 142649

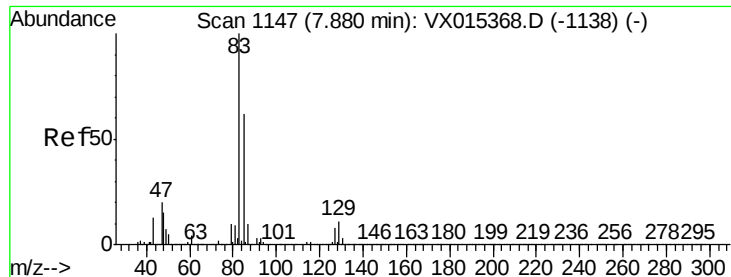
Ion Ratio Lower Upper

93 100

95 80.8 65.8 98.8

174 113.4 86.2 129.2





#47

Bromodichloromethane

Concen: 18.624 ug/l

RT: 7.87 min Scan# 1146

Delta R.T. -0.01 min

Lab File: VX015677.D

Acq: 15 Apr 2020 12:59

Instrument :

MSVOA_X

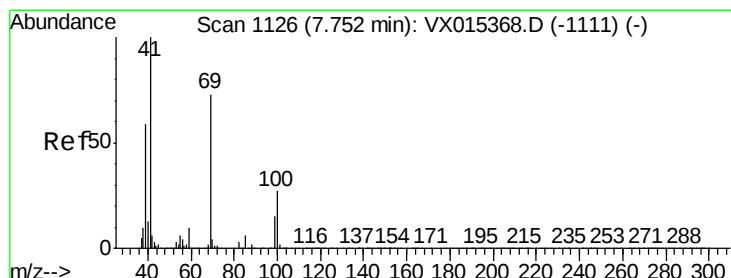
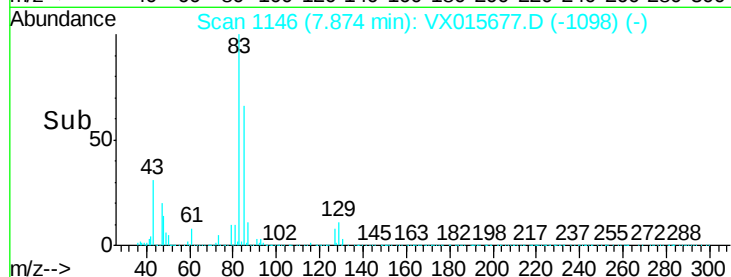
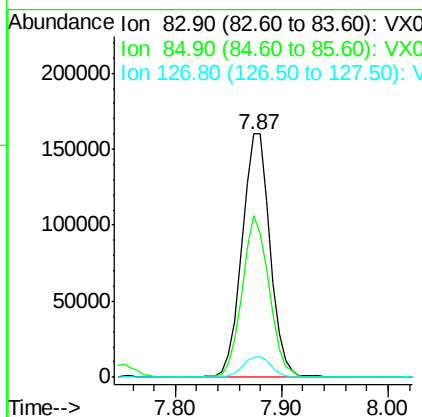
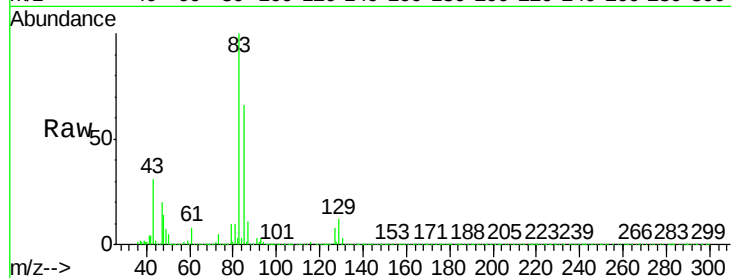
ClientSampleId :

VX0415WBSD01

Tot Ion:	83	Resp:	296139
Ion Ratio		Lower	Upper
83	100		
85	66.1	49.7	74.5
127	7.8	6.7	10.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 17.758 ug/l

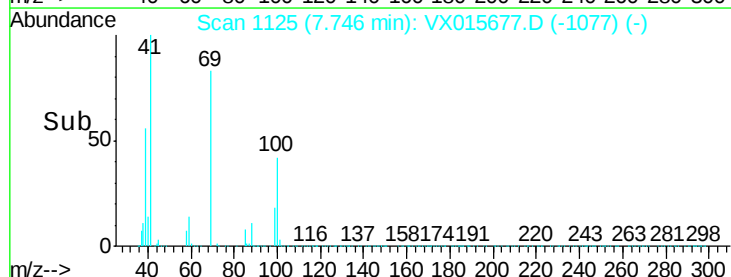
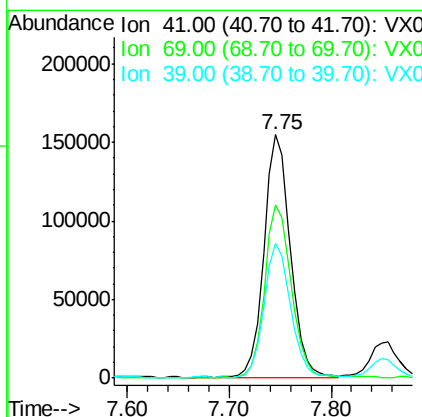
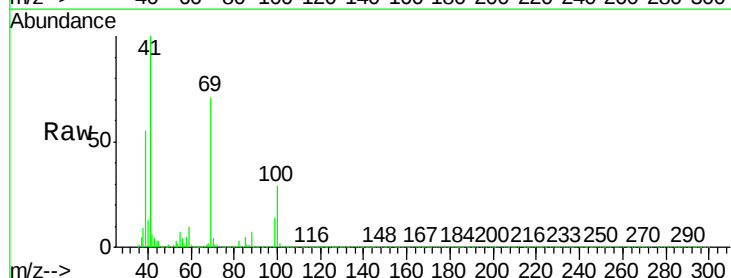
RT: 7.75 min Scan# 1125

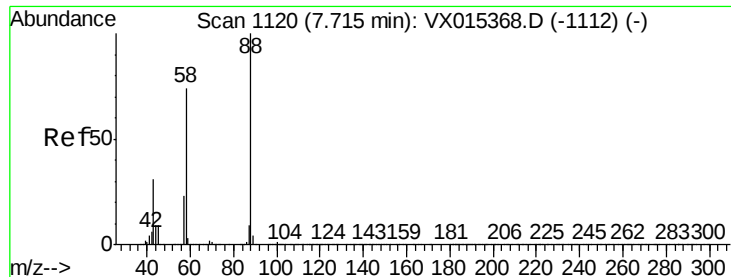
Delta R.T. -0.01 min

Lab File: VX015677.D

Acq: 15 Apr 2020 12:59

Tgt Ion:	41	Resp:	276784
Ion Ratio		Lower	Upper
41	100		
69	72.1	56.7	85.1
39	55.4	46.5	69.7





#49

1,4-Dioxane

Concen: 360.793 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. -0.00 min

Lab File: VX015677.D

Acq: 15 Apr 2020 12:59

Instrument :

MSVOA_X

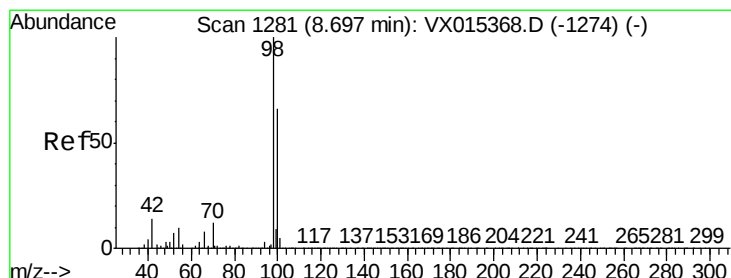
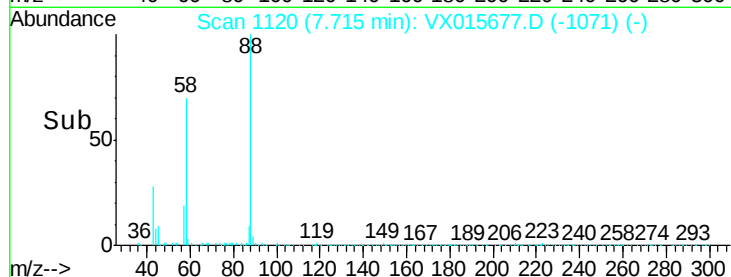
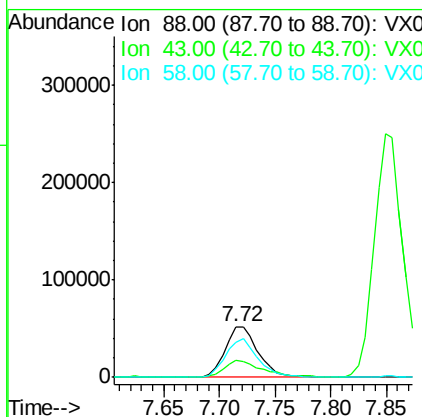
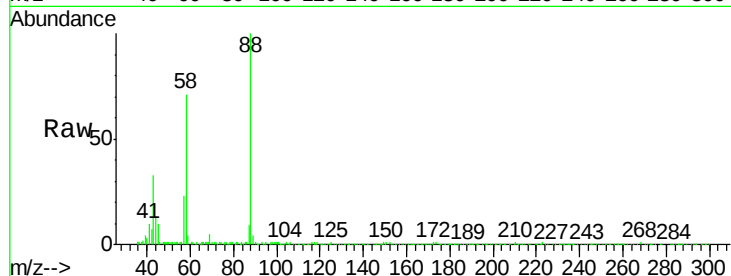
ClientSampleId :

VX0415WBSD01

Tot Ion:	88	Resp:	104906
Ion Ratio	Lower	Upper	
88	100		
43	37.6	30.1	45.1
58	74.9	60.6	90.8

Manual Integrations
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#50

Toluene-d8

Concen: 53.231 ug/l

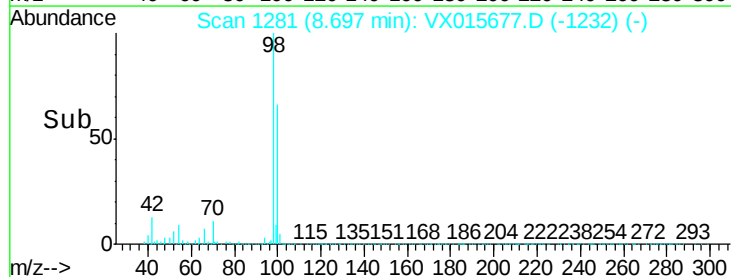
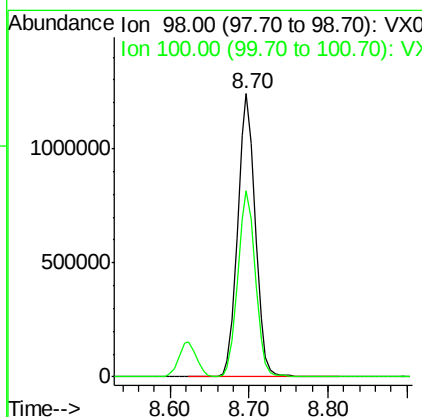
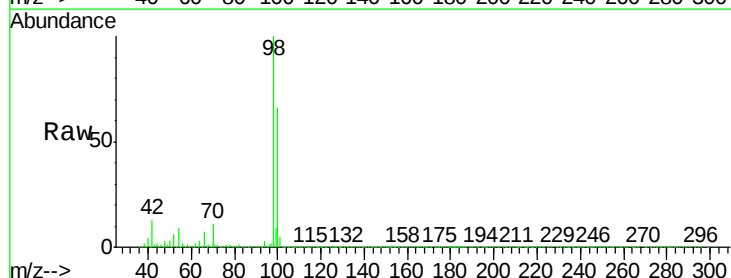
RT: 8.70 min Scan# 1281

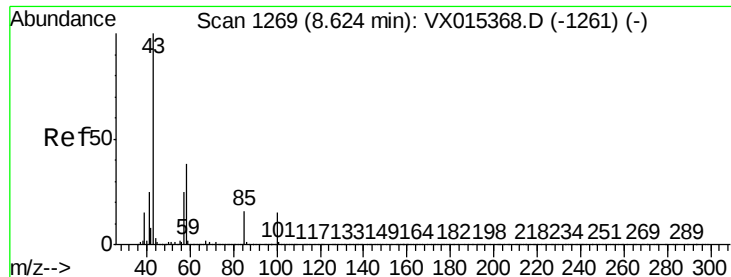
Delta R.T. -0.00 min

Lab File: VX015677.D

Acq: 15 Apr 2020 12:59

Tgt Ion:	98	Resp:	1930279
Ion Ratio	Lower	Upper	
98	100		
100	65.9	53.5	80.3





#51

4-Methyl-2-Pentanone

Concen: 92.371 ug/l

RT: 8.62 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX015677.D

Acq: 15 Apr 2020 12:59

Instrument :

MSVOA_X

ClientSampleId :

VX0415WBSD01

Tot Ion: 43 Resp: 1633522

Ion Ratio Lower Upper

43 100

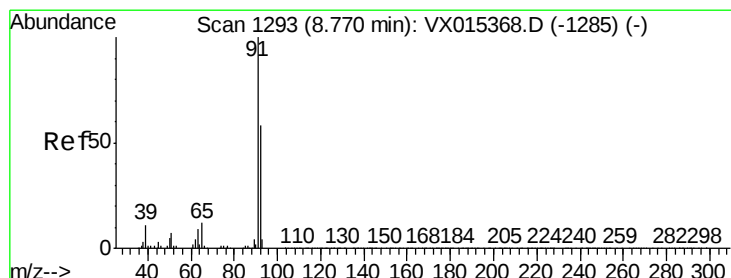
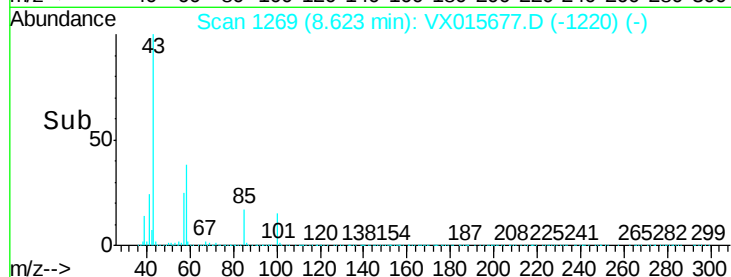
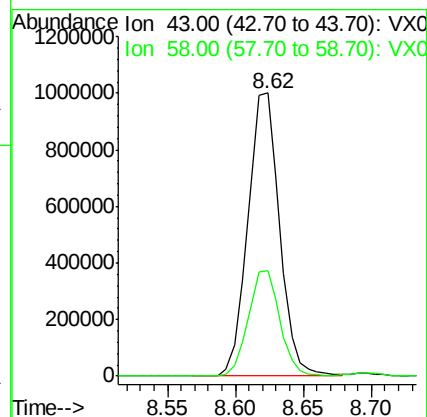
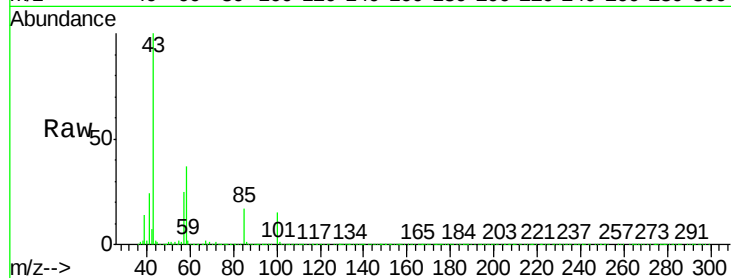
58 37.1 29.7 44.5

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#52

Toluene

Concen: 19.574 ug/l

RT: 8.76 min Scan# 1292

Delta R.T. -0.01 min

Lab File: VX015677.D

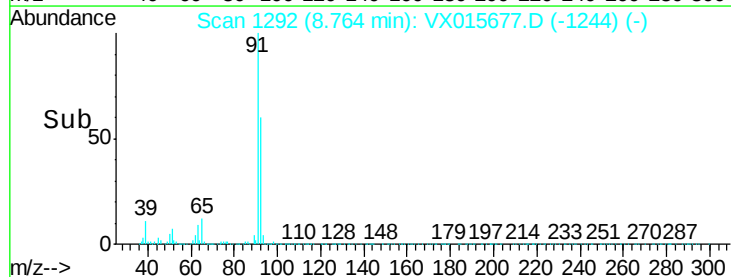
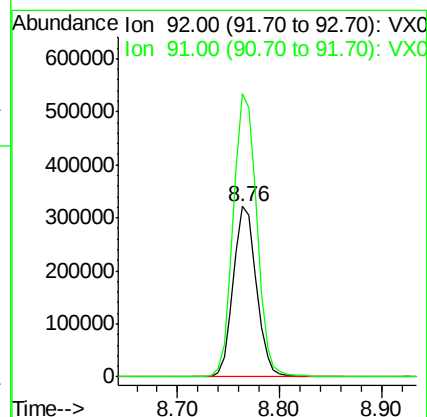
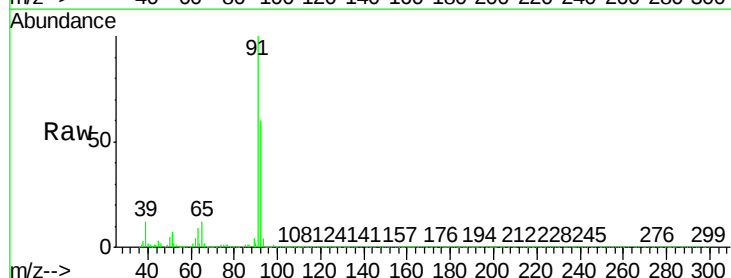
Acq: 15 Apr 2020 12:59

Tgt Ion: 92 Resp: 501850

Ion Ratio Lower Upper

92 100

91 169.1 136.6 205.0





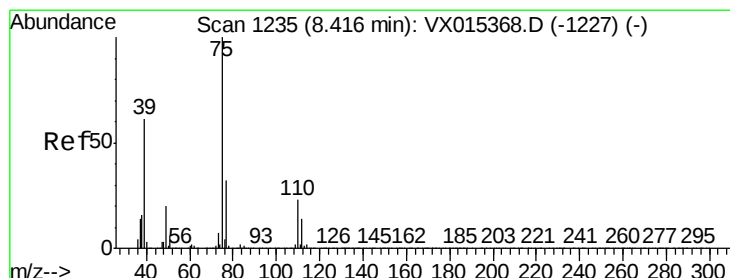
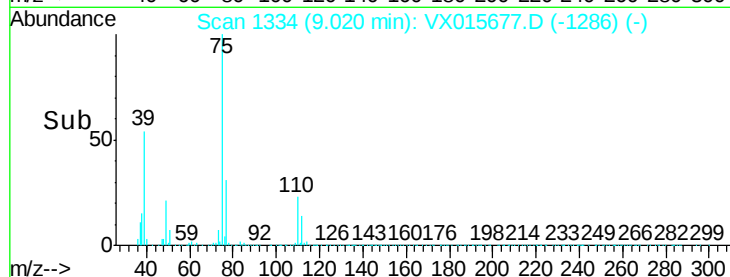
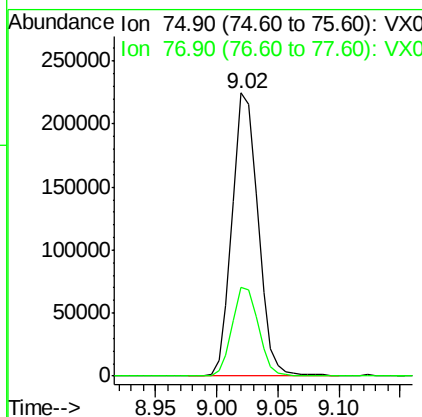
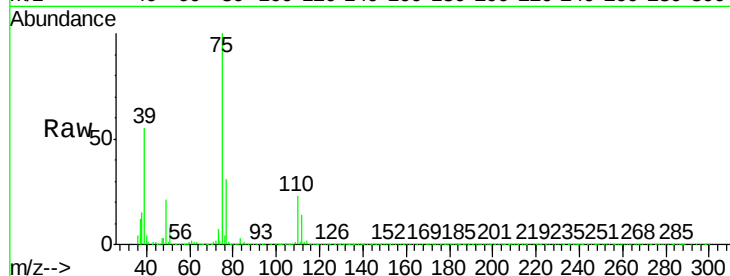
#53
t-1,3-Dichloropropene
Concen: 17.583 ug/l
RT: 9.02 min Scan# 1334
Delta R.T. -0.01 min
Lab File: VX015677.D
Acq: 15 Apr 2020 12:59

Instrument :
MSVOA_X
ClientSampleId :
VX0415WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.2	24.1	36.1

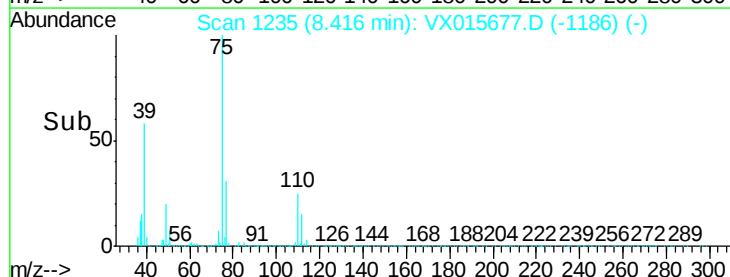
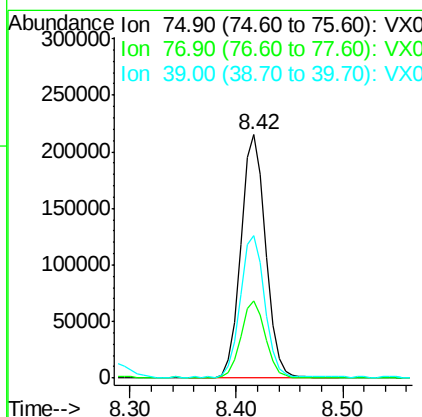
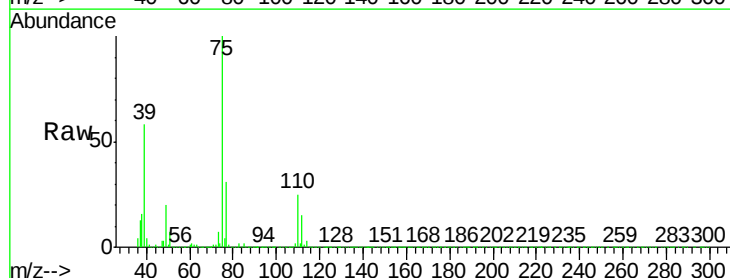
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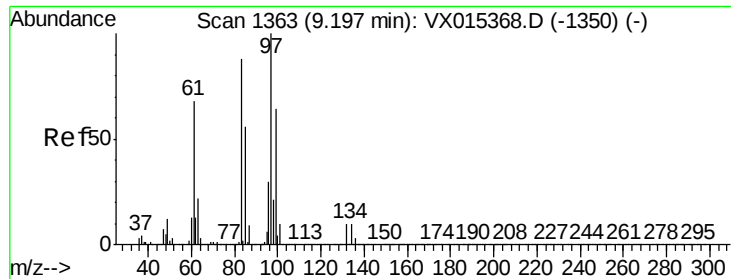
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 18.440 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VX015677.D
Acq: 15 Apr 2020 12:59

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.8	38.6
39	58.1	49.0	73.4





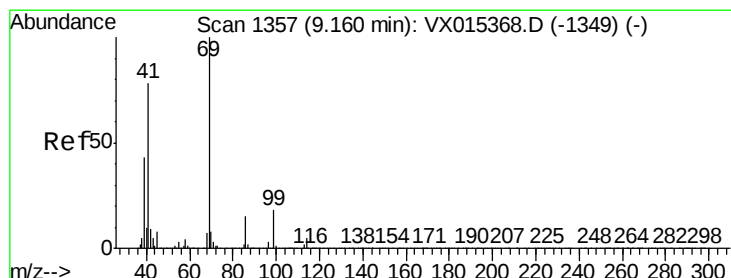
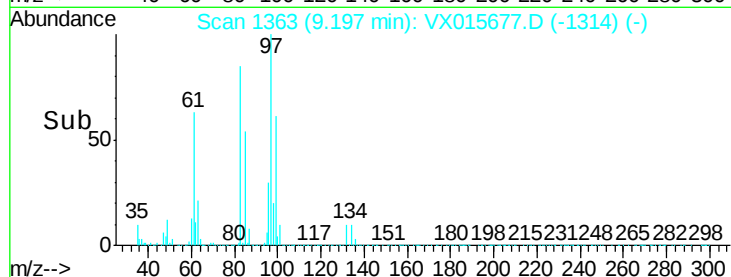
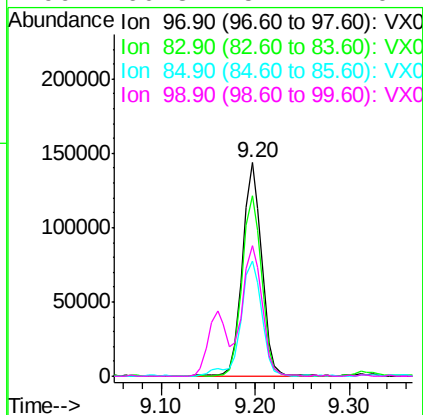
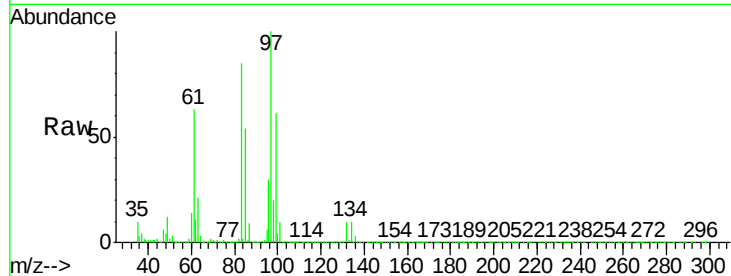
#55
 1,1,2-Trichloroethane
 Concen: 19.622 ug/l
 RT: 9.20 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VX015677.D
 Acq: 15 Apr 2020 12:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0415WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		206116		
83	84.4	70.2	105.4		
85	53.9	44.7	67.1		
99	60.8	51.1	76.7		

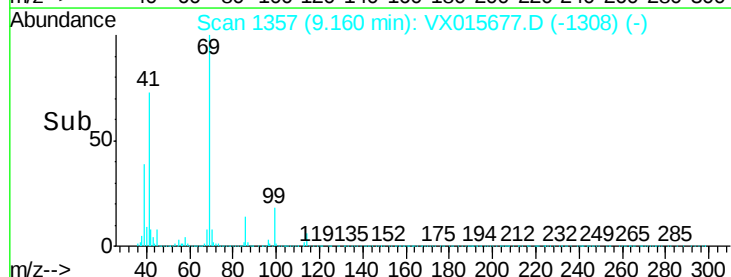
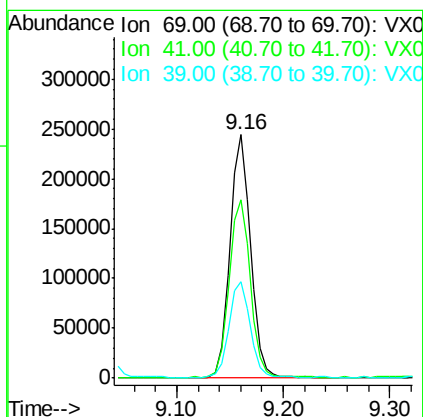
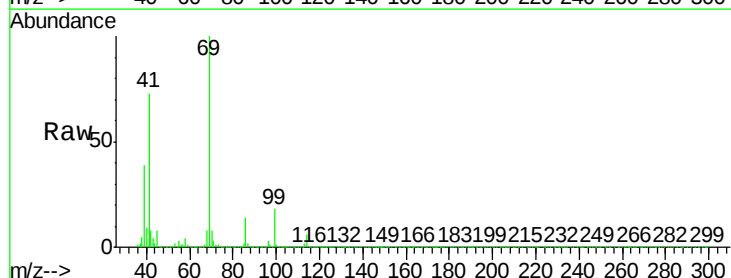
Manual Integrations
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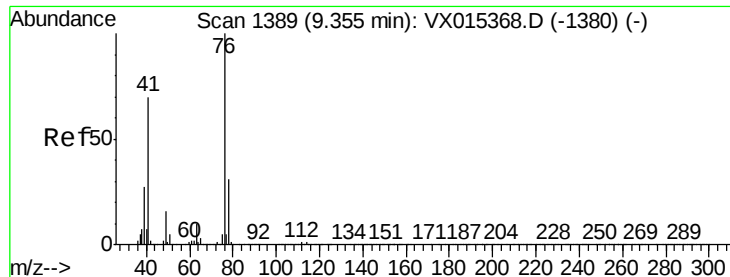
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 4/16/2020 11:03:55 AM



#56
 Ethyl methacrylate
 Concen: 17.926 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. -0.00 min
 Lab File: VX015677.D
 Acq: 15 Apr 2020 12:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		331862		
41	75.6	61.6	92.4		
39	40.6	34.0	51.0		





#57

1,3-Dichloropropane

Concen: 18.837 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VX015677.D

Acq: 15 Apr 2020 12:59

Instrument :

MSVOA_X

ClientSampleId :

VX0415WBSD01

Tot Ion: 76 Resp: 356494

Ion Ratio Lower Upper

76 100

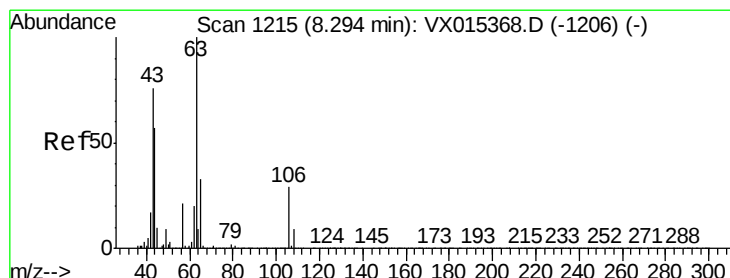
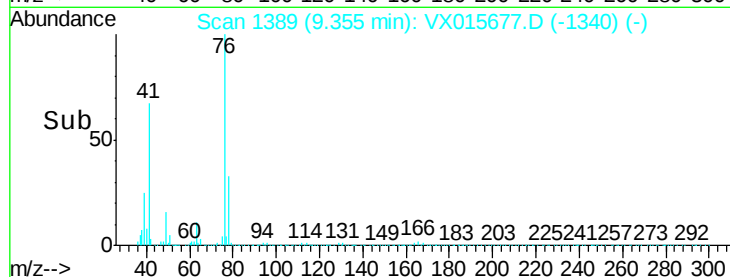
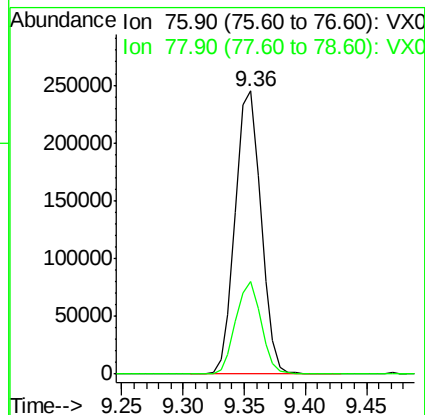
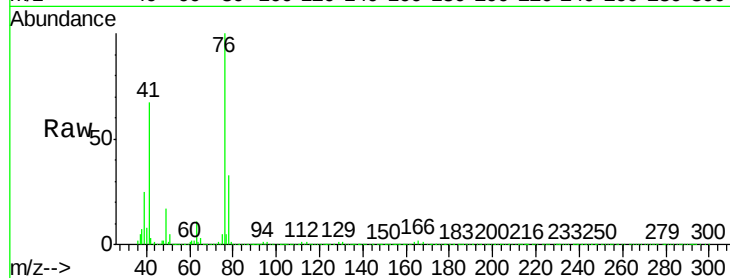
78 32.2 25.8 38.8

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 88.393 ug/l

RT: 8.29 min Scan# 1214

Delta R.T. -0.01 min

Lab File: VX015677.D

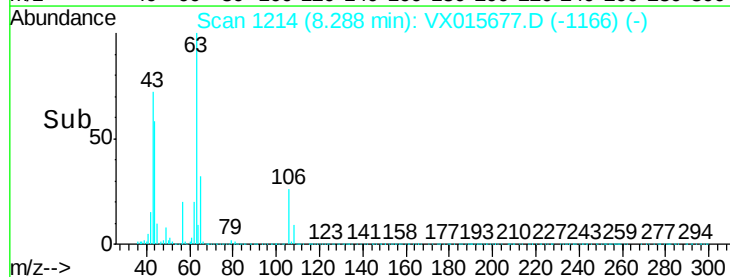
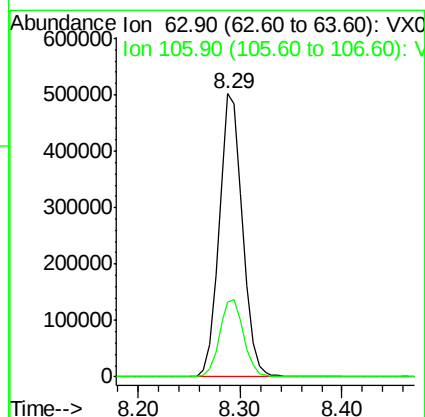
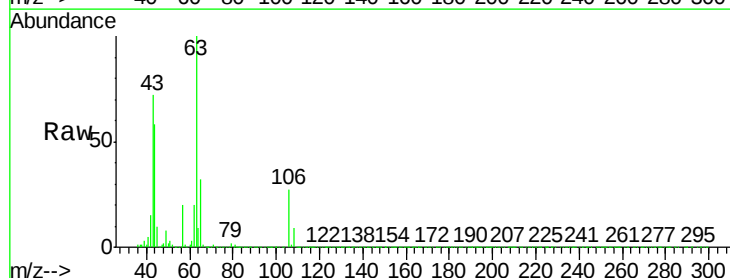
Acq: 15 Apr 2020 12:59

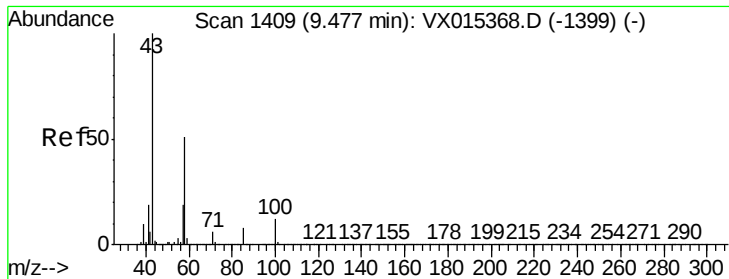
Tgt Ion: 63 Resp: 795942

Ion Ratio Lower Upper

63 100

106 28.1 22.7 34.1





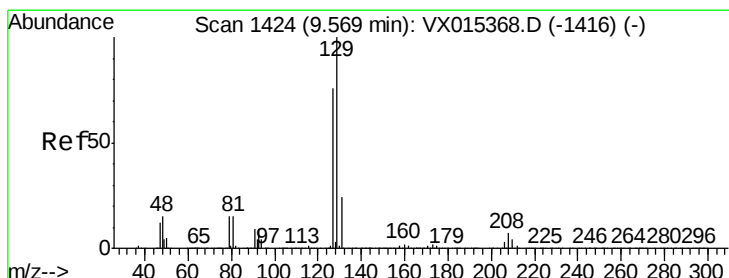
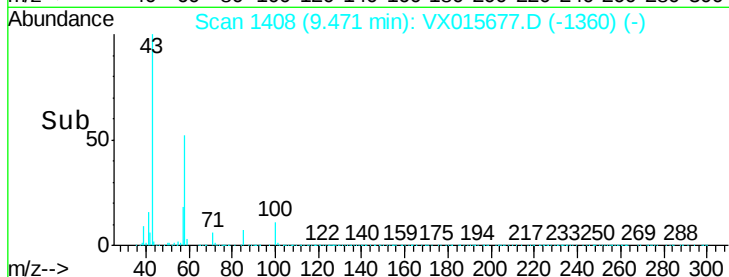
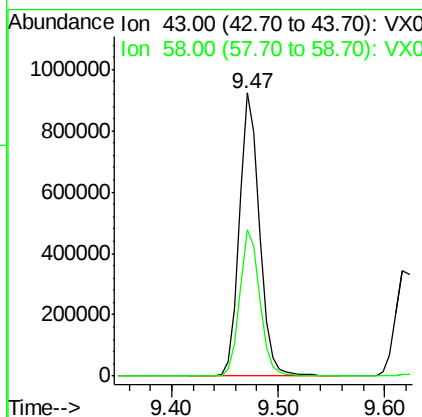
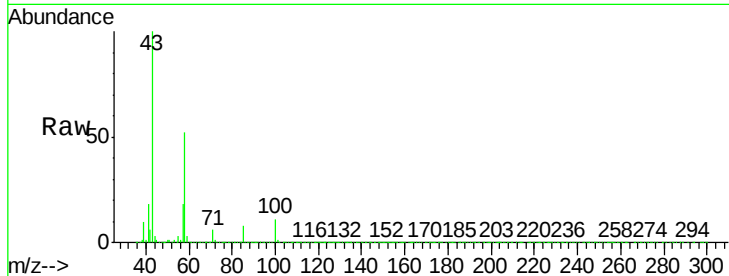
#59
2-Hexanone
Concen: 91.801 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015677.D
Acq: 15 Apr 2020 12:59

Instrument :
MSVOA_X
ClientSampleId :
VX0415WBSD01

Tot Ion: 43 Resp: 1225673
Ion Ratio Lower Upper
43 100
58 52.1 25.6 76.6

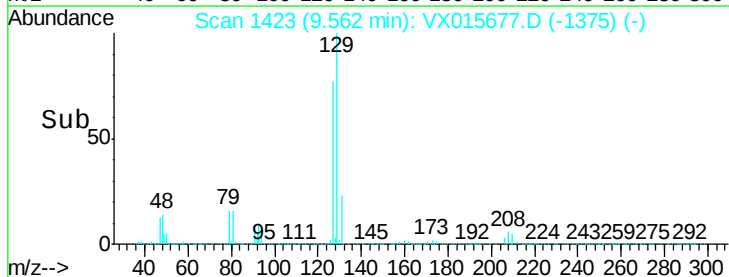
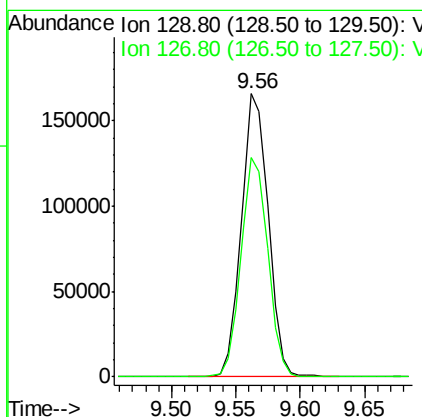
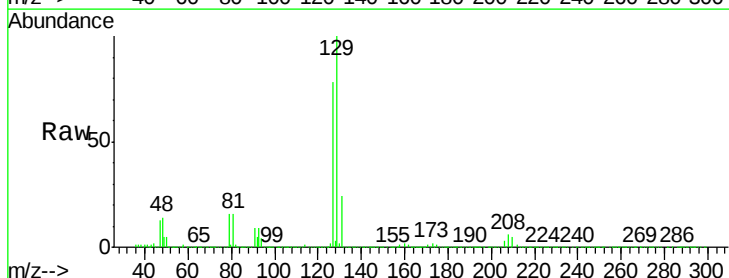
Manual Integrations
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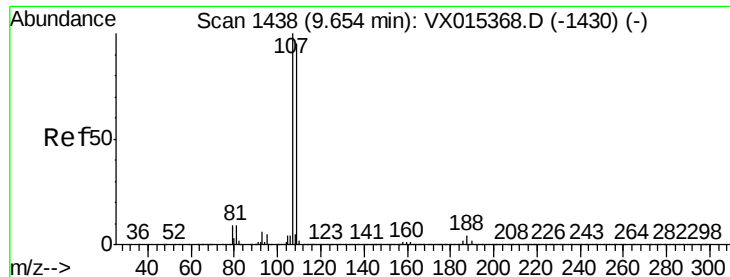
MMDadoda
4/16/2020 11:03:55 AM



#60
Dibromochloromethane
Concen: 18.929 ug/l
RT: 9.56 min Scan# 1423
Delta R.T. -0.01 min
Lab File: VX015677.D
Acq: 15 Apr 2020 12:59

Tgt Ion: 129 Resp: 238923
Ion Ratio Lower Upper
129 100
127 77.2 38.2 114.6





#61

1,2-Dibromoethane

Concen: 18.862 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. -0.00 min

Lab File: VX015677.D

Acq: 15 Apr 2020 12:59

Instrument :

MSVOA_X

ClientSampleId :

VX0415WBSD01

Tot Ion: 107 Resp: 215442

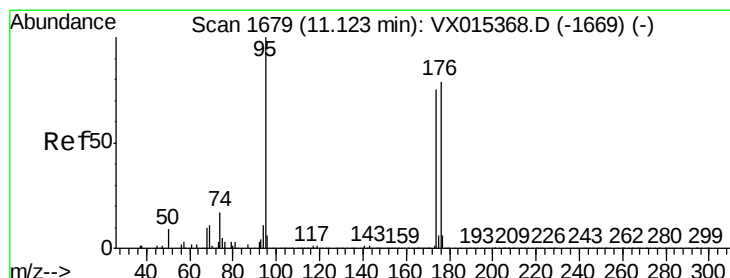
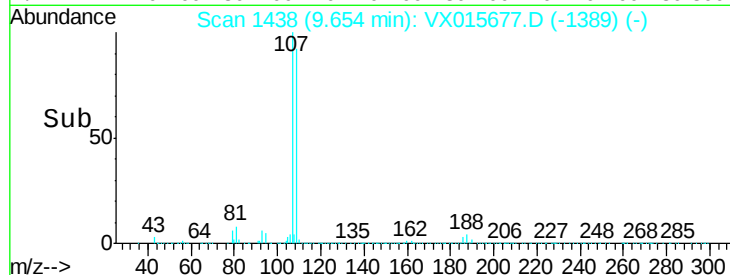
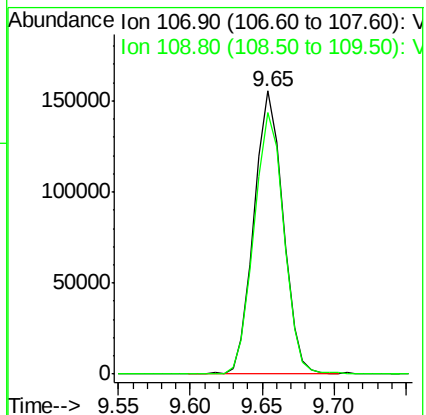
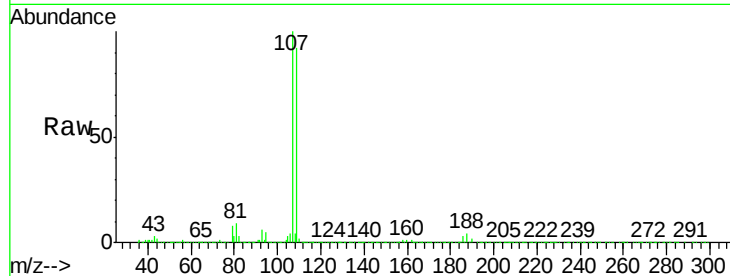
Ion Ratio Lower Upper

107 100

109 94.8 74.8 112.2

Manual Integrations
APPROVED

MMDadoda
4/16/2020 11:03:55 AM



#62

4-Bromofluorobenzene

Concen: 52.218 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015677.D

Acq: 15 Apr 2020 12:59

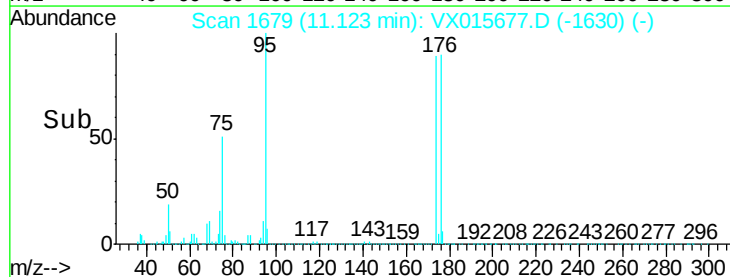
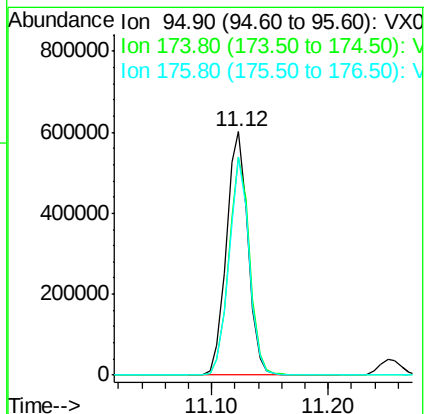
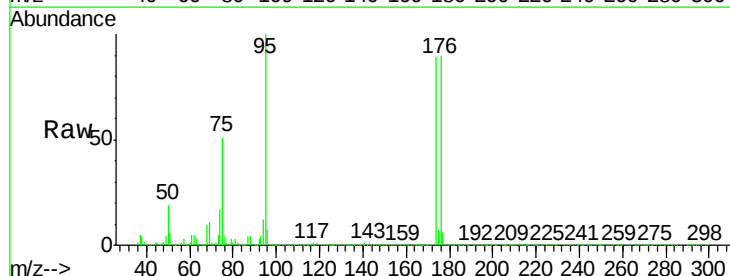
Tgt Ion: 95 Resp: 769533

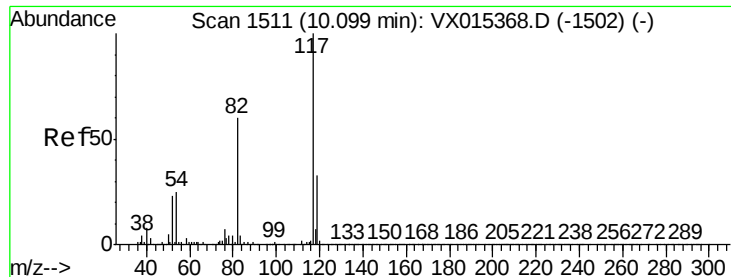
Ion Ratio Lower Upper

95 100

174 87.0 0.0 158.6

176 84.2 0.0 159.0





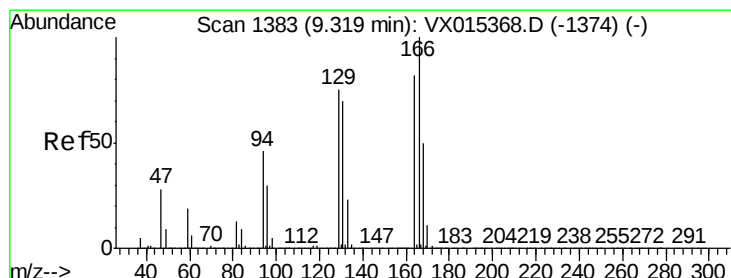
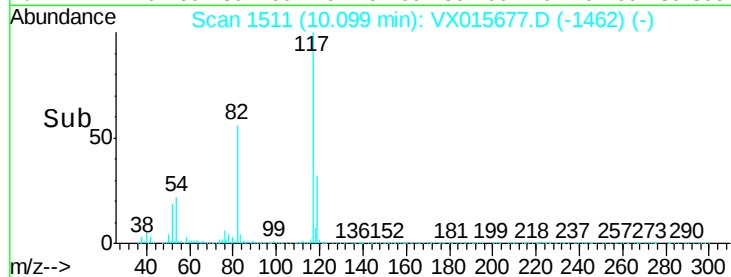
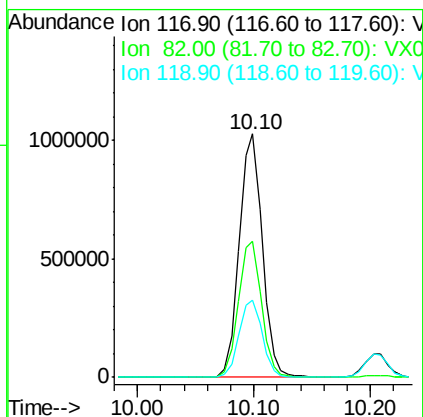
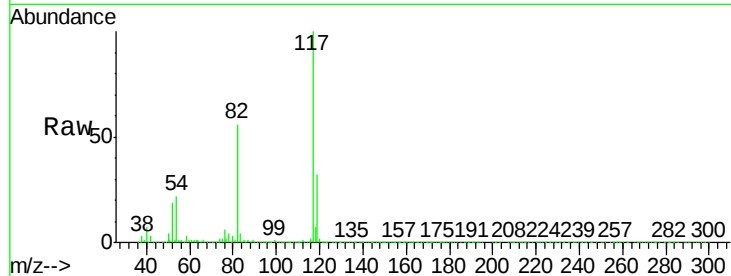
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015677.D
Acq: 15 Apr 2020 12:59

Instrument :
MSVOA_X
ClientSampleId :
VX0415WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.8	47.8	71.8
119	31.7	26.8	40.2

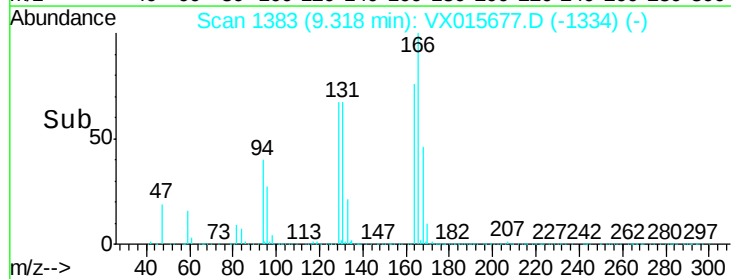
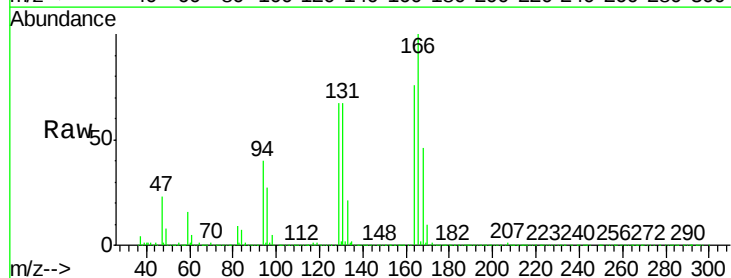
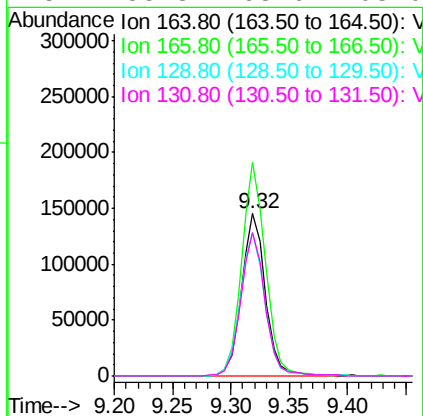
Manual Integrations
APPROVED

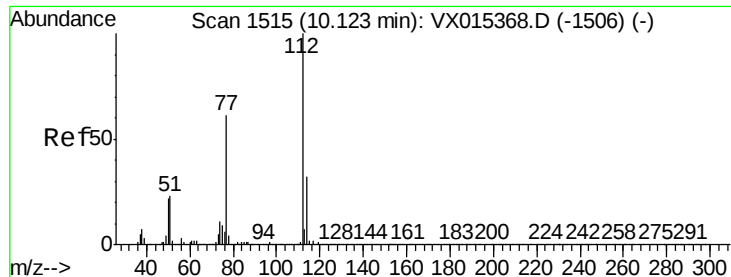
MMDadoda
4/16/2020 11:03:55 AM



#64
Tetrachloroethene
Concen: 19.262 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX015677.D
Acq: 15 Apr 2020 12:59

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.7	97.8	146.6
129	88.5	73.0	109.4
131	88.3	68.6	103.0





#65

Chlorobenzene

Concen: 19.558 ug/l

RT: 10.12 min Scan# 1515

Delta R.T. -0.00 min

Lab File: VX015677.D

Acq: 15 Apr 2020 12:59

Instrument :

MSVOA_X

ClientSampleId :

VX0415WBSD01

Tot Ion:112 Resp: 554483

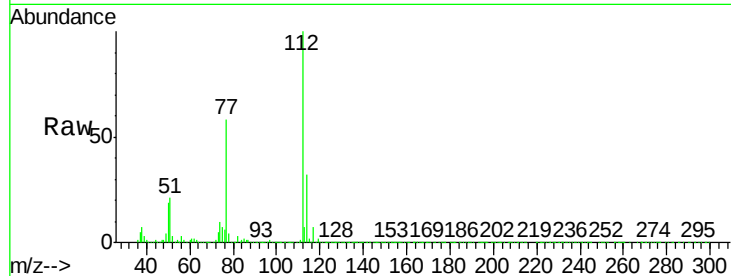
Ion Ratio Lower Upper

112 100

114 31.5 25.5 38.3

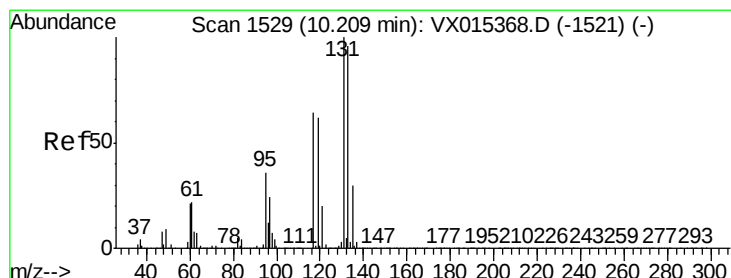
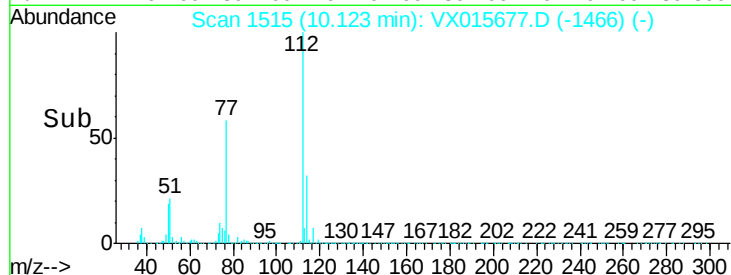
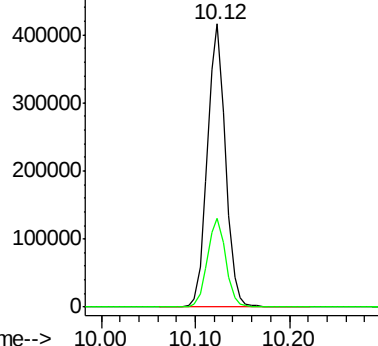
Manual Integrations
APPROVED

MMDadoda
4/16/2020 11:03:55 AM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.957 ug/l

RT: 10.20 min Scan# 1528

Delta R.T. -0.01 min

Lab File: VX015677.D

Acq: 15 Apr 2020 12:59

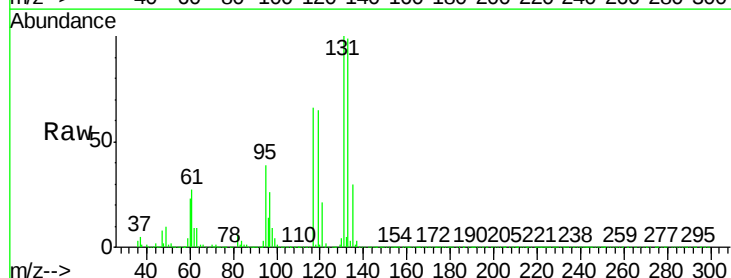
Tgt Ion:131 Resp: 214716

Ion Ratio Lower Upper

131 100

133 96.7 47.6 142.9

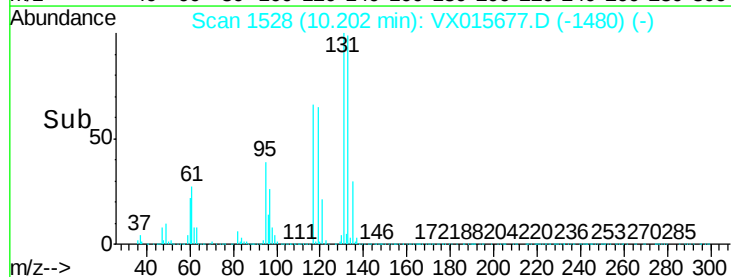
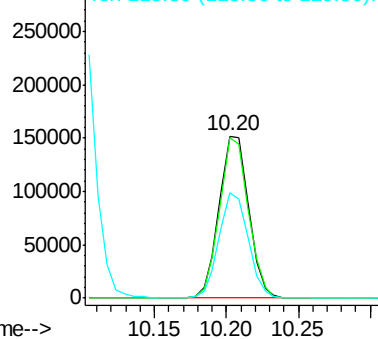
119 63.6 31.1 93.3

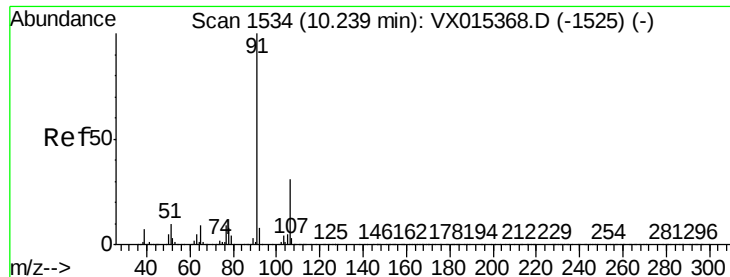


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





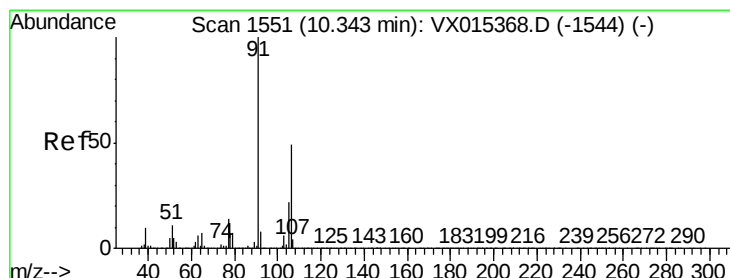
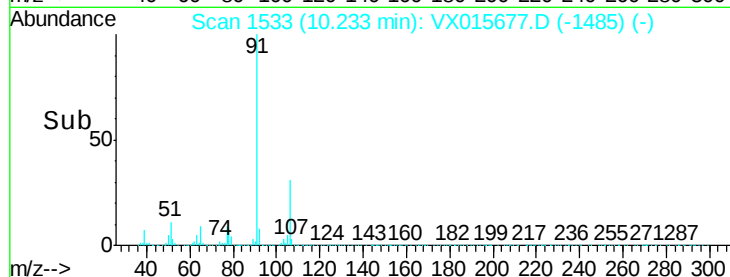
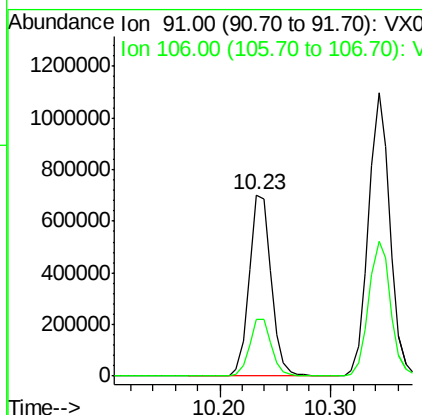
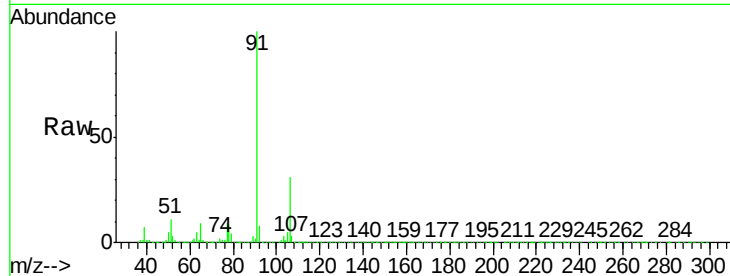
#67
Ethyl Benzene
Concen: 19.137 ug/l
RT: 10.23 min Scan# 1533
Delta R.T. -0.01 min
Lab File: VX015677.D
Acq: 15 Apr 2020 12:59

Instrument :
MSVOA_X
ClientSampleId :
VX0415WBSD01

Tot Ion: 91 Resp: 962296
Ion Ratio Lower Upper
91 100
106 31.3 24.8 37.2

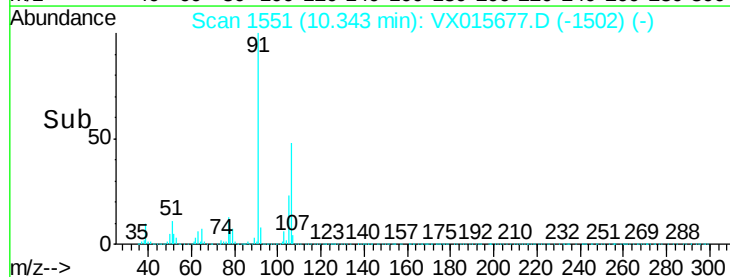
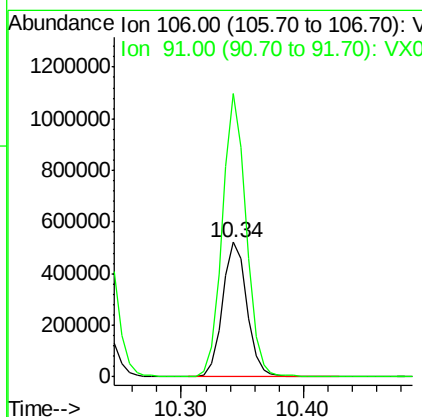
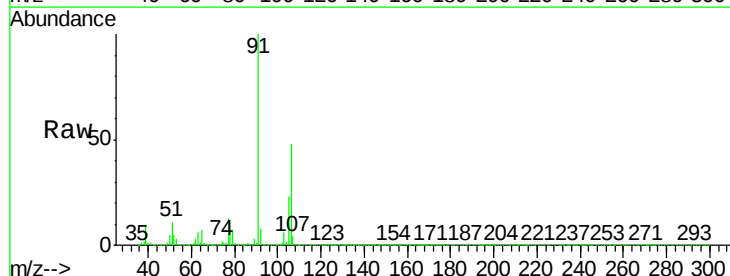
Manual Integrations
APPROVED

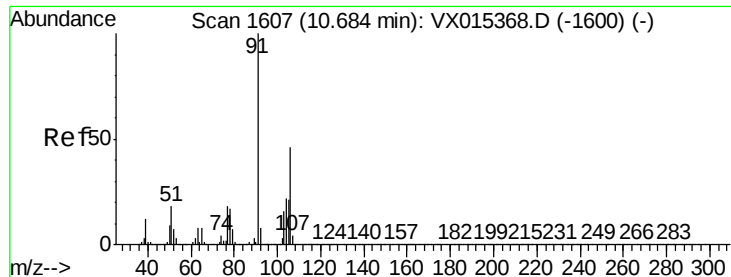
MMDadoda
4/16/2020 11:03:55 AM



#68
m/p-Xylenes
Concen: 38.450 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. -0.00 min
Lab File: VX015677.D
Acq: 15 Apr 2020 12:59

Tgt Ion: 106 Resp: 719940
Ion Ratio Lower Upper
106 100
91 205.2 163.4 245.0





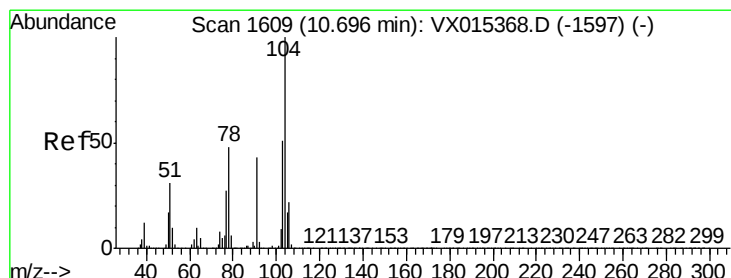
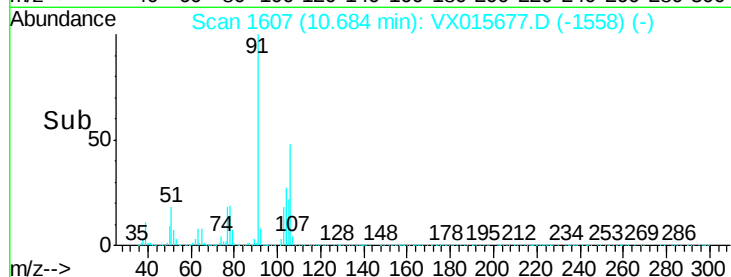
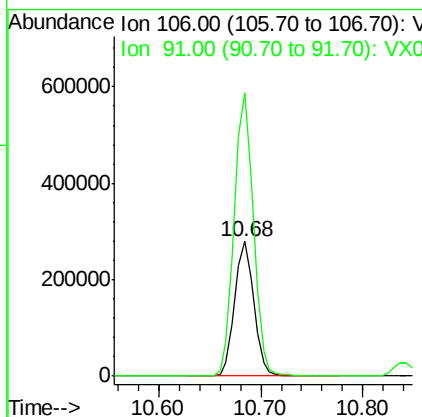
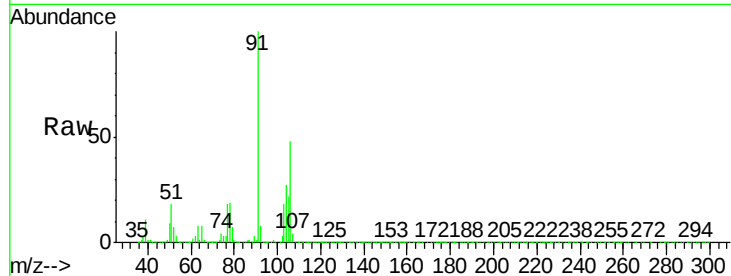
#69
o-Xylene
Concen: 19.440 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. -0.00 min
Lab File: VX015677.D
Acq: 15 Apr 2020 12:59

Instrument :
MSVOA_X
ClientSampleId :
VX0415WBSD01

Tot Ion	Ratio	Lower	Upper
106	100		
91	211.5	107.1	321.3

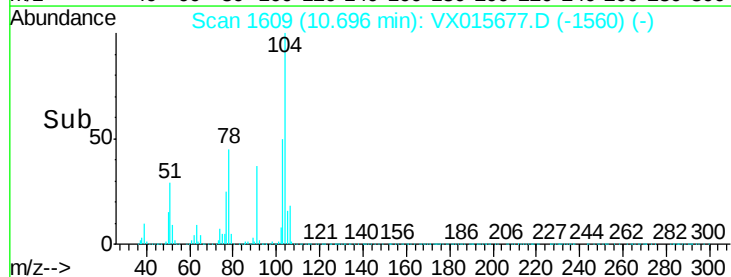
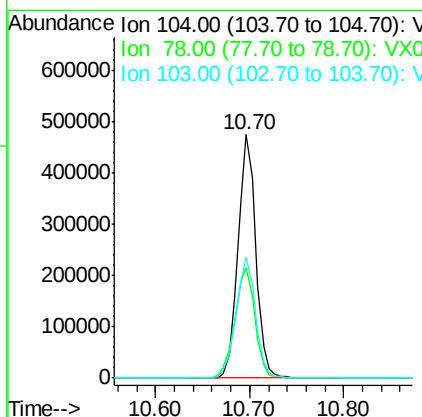
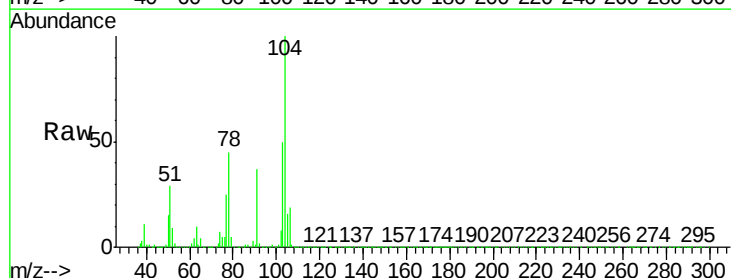
Manual Integrations
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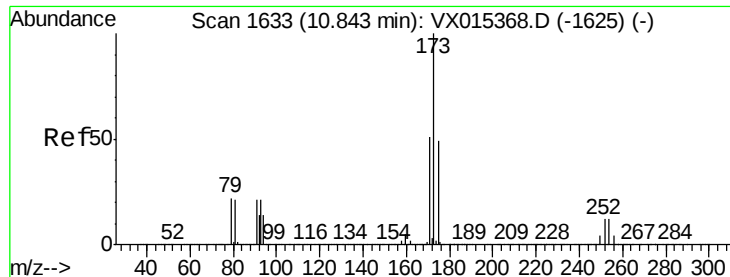
MMDadoda
4/16/2020 11:03:55 AM



#70
Styrene
Concen: 19.164 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015677.D
Acq: 15 Apr 2020 12:59

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.2	42.0	63.0
103	54.1	43.4	65.0





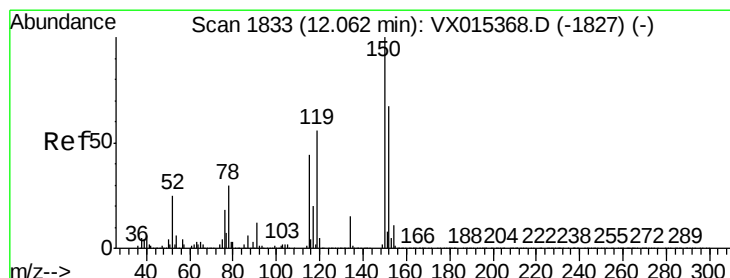
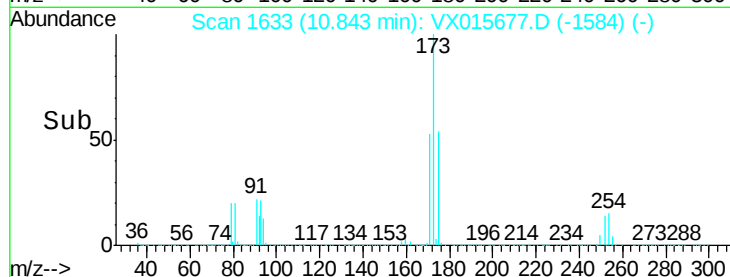
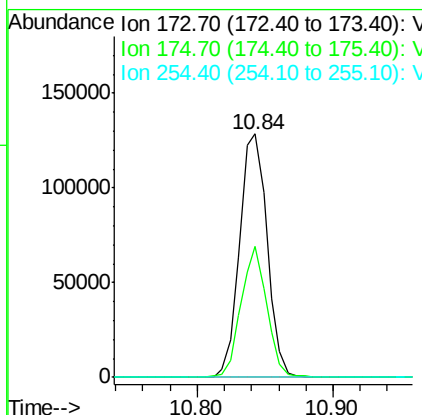
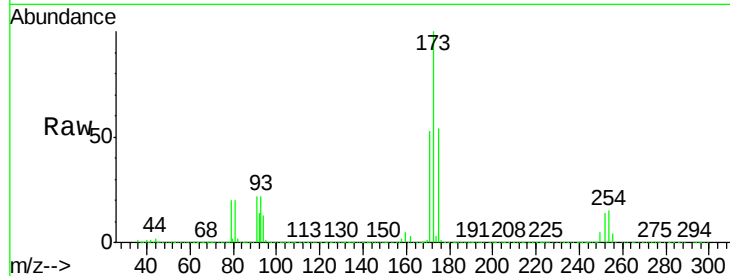
#71
Bromoform
Concen: 17.522 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. -0.00 min
Lab File: VX015677.D
Acq: 15 Apr 2020 12:59

Instrument :
MSVOA_X
ClientSampleId :
VX0415WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
173	100	180665		
175	50.3	23.9	71.7	
254	0.4	0.1	0.1#	

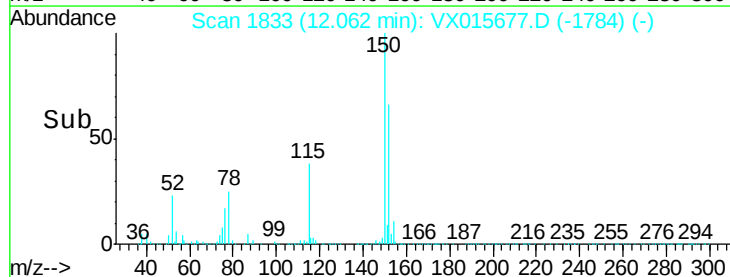
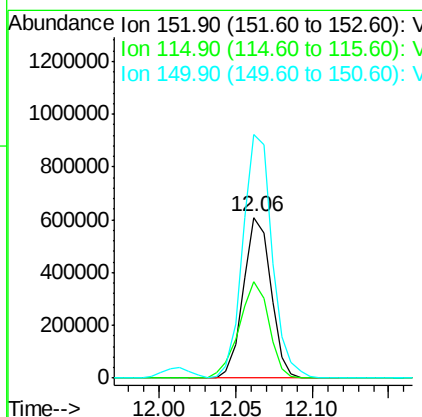
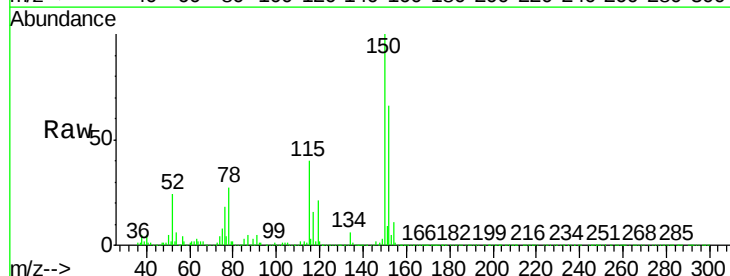
Manual Integrations
APPROVED

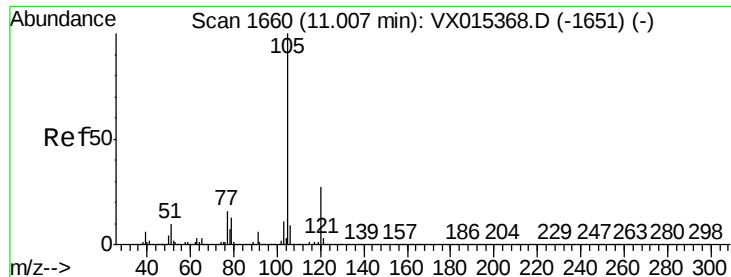
MMDadoda
4/16/2020 11:03:55 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX015677.D
Acq: 15 Apr 2020 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	762496		
115	64.7	39.0	116.9	
150	160.7	0.0	340.8	





#73

Isopropylbenzene

Concen: 19.720 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015677.D

Acq: 15 Apr 2020 12:59

Instrument :

MSVOA_X

ClientSampleId :

VX0415WBSD01

Tot Ion:105 Resp: 985196

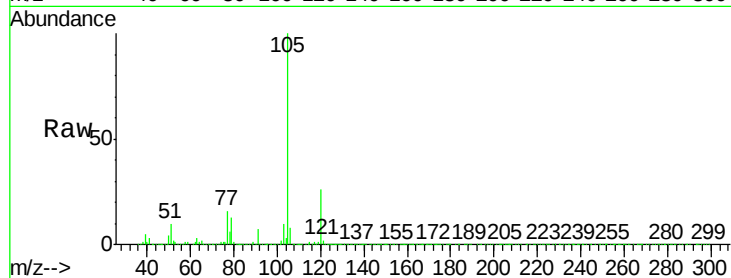
Ion Ratio Lower Upper

105 100

120 25.9 13.2 39.5

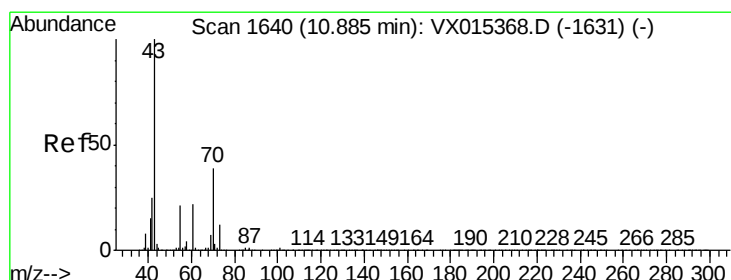
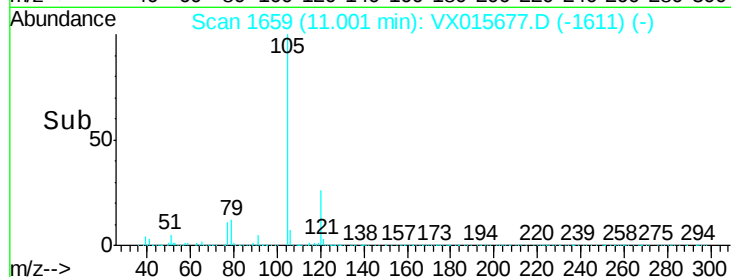
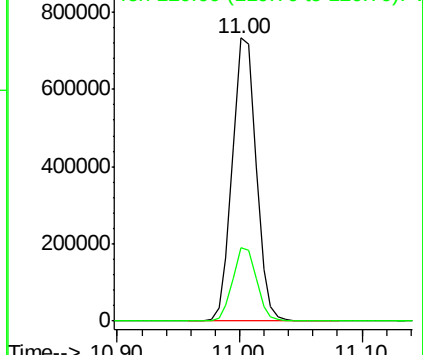
Manual Integrations
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MMDadoda
4/16/2020 11:03:55 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 16.755 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015677.D

Acq: 15 Apr 2020 12:59

Tgt Ion: 43 Resp: 465562

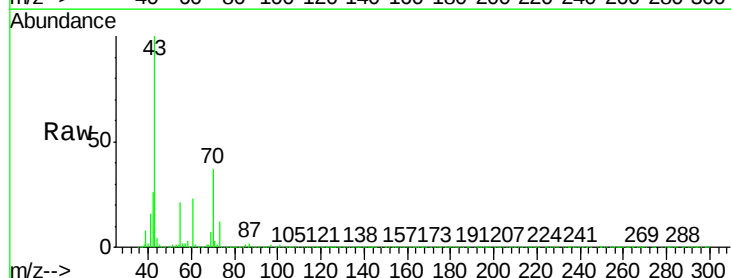
Ion Ratio Lower Upper

43 100

70 39.7 30.2 45.4

55 22.4 16.8 25.2

61 23.3 18.2 27.2

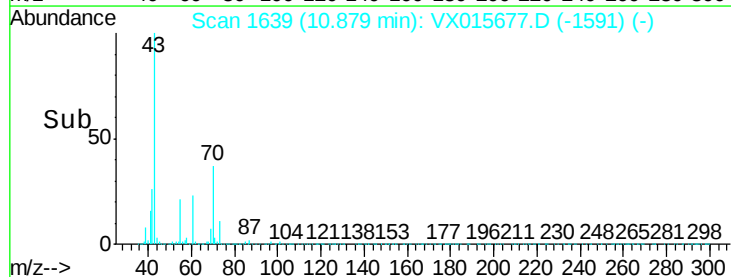
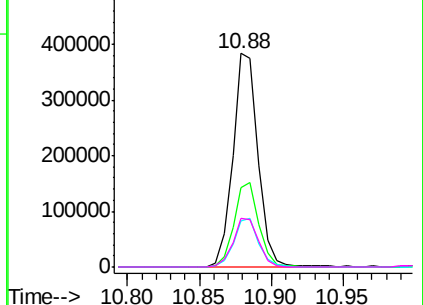


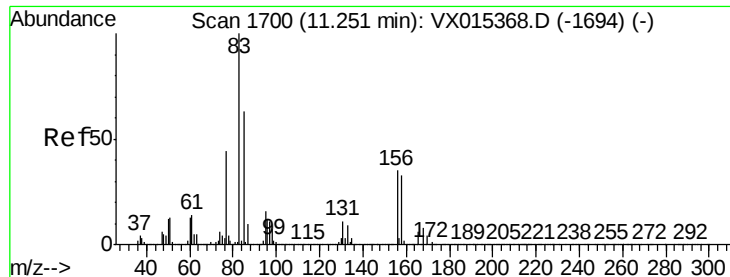
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.165 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015677.D

Acq: 15 Apr 2020 12:59

Instrument :

MSVOA_X

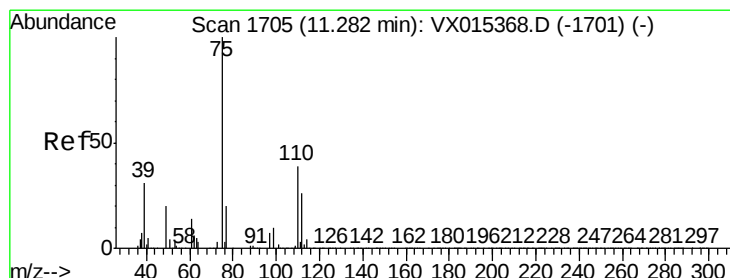
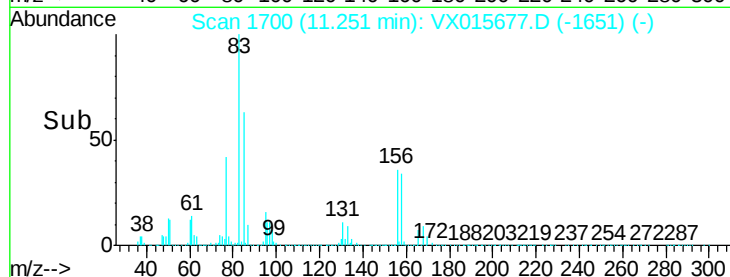
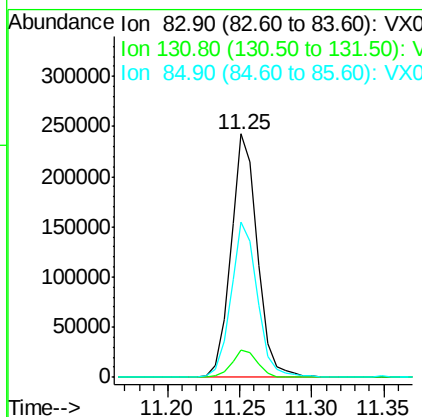
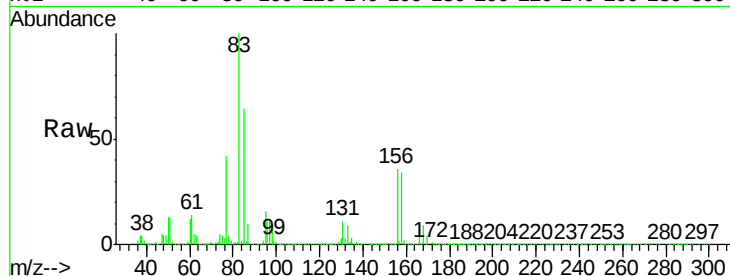
ClientSampleId :

VX0415WBSD01

Tot Ion:	83	Resp:	311407
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.3	16.1
85	64.0	32.0	96.0

Manual Integrations
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MMDadoda
4/16/2020 11:03:55 AM



#76

1,2,3-Trichloropropane

Concen: 18.393 ug/l m

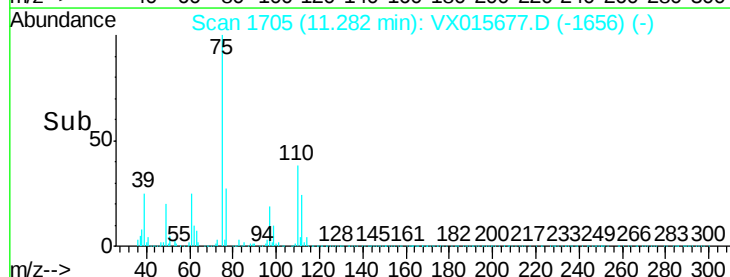
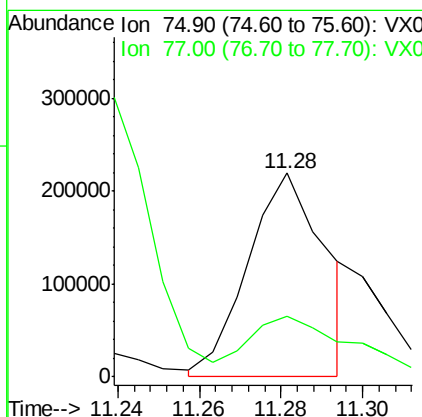
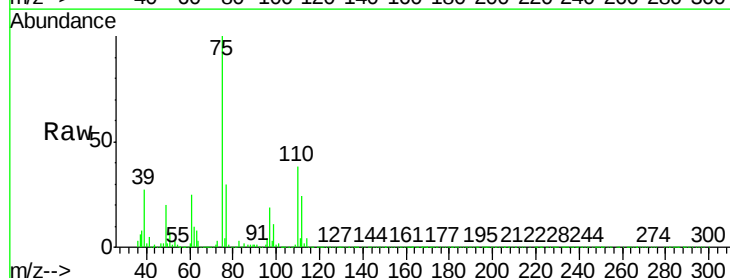
RT: 11.28 min Scan# 1705

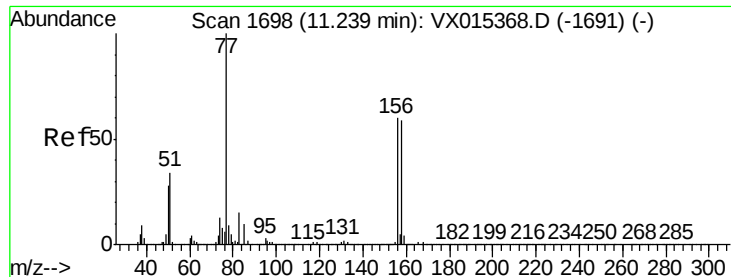
Delta R.T. -0.00 min

Lab File: VX015677.D

Acq: 15 Apr 2020 12:59

Tgt Ion:	75	Resp:	288408
Ion Ratio	Lower	Upper	
75	100		
77	39.8	21.2	63.6





#77

Bromobenzene

Concen: 20.235 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX015677.D

Acq: 15 Apr 2020 12:59

Instrument :

MSVOA_X

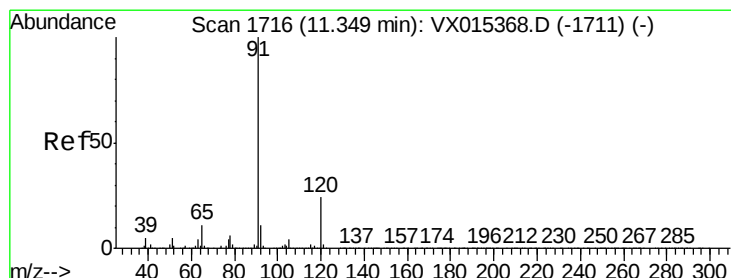
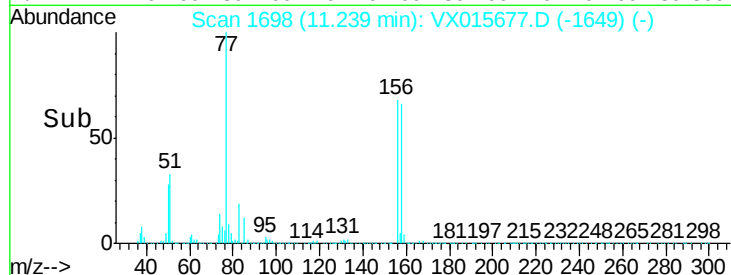
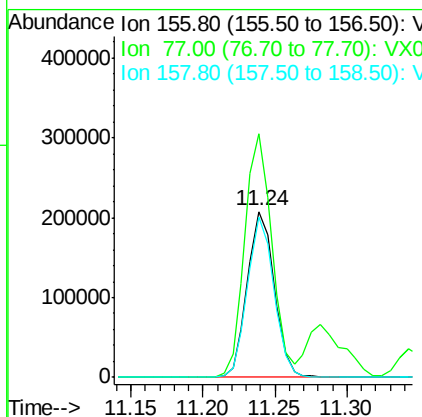
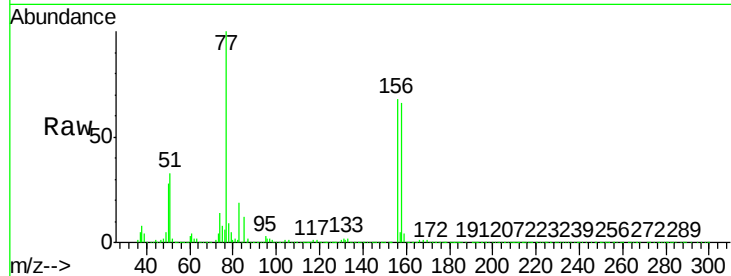
ClientSampleId :

VX0415WBSD01

Tot Ion:	156	Resp:	269653
Ion Ratio	Lower	Upper	
156	100		
77	147.6	82.2	246.5
158	95.0	49.3	147.9

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#78

n-propylbenzene

Concen: 19.186 ug/l

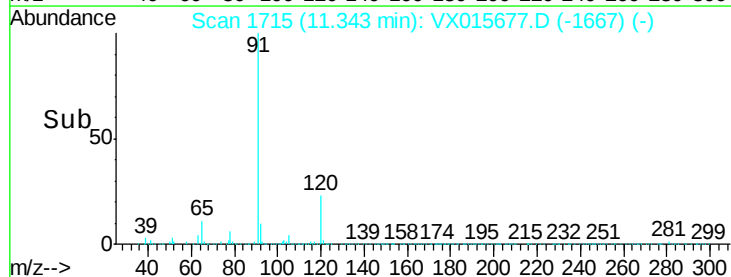
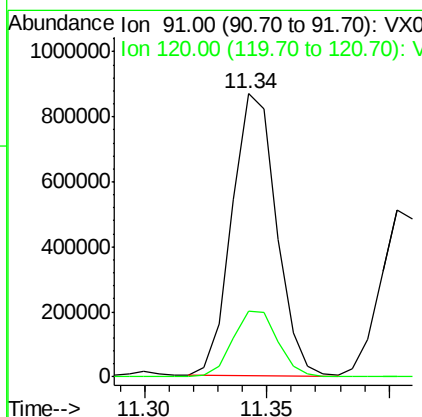
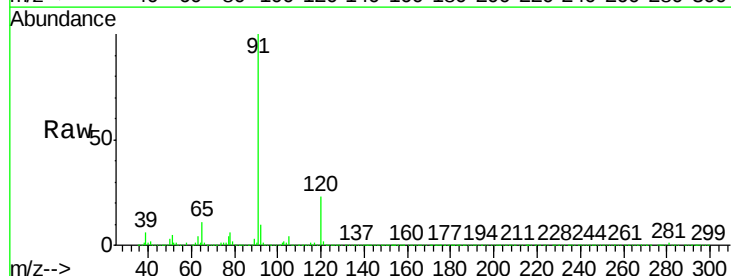
RT: 11.34 min Scan# 1715

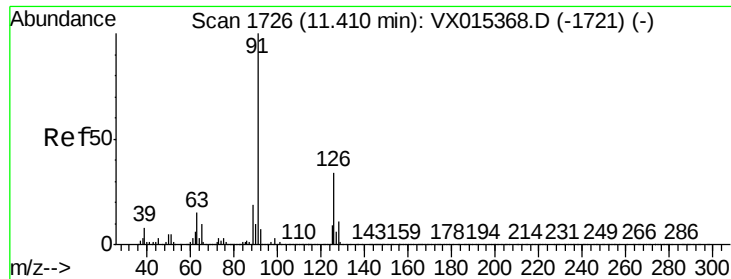
Delta R.T. -0.01 min

Lab File: VX015677.D

Acq: 15 Apr 2020 12:59

Tgt Ion:	91	Resp:	1096036
Ion Ratio	Lower	Upper	
91	100		
120	24.0	11.7	35.0





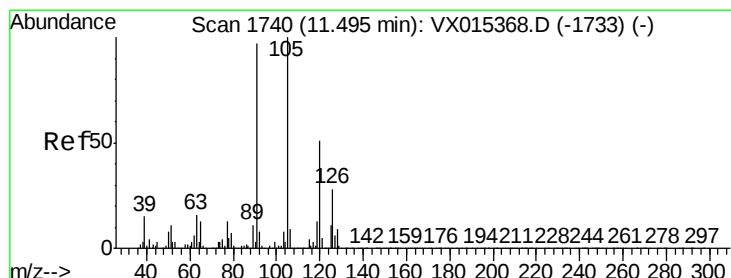
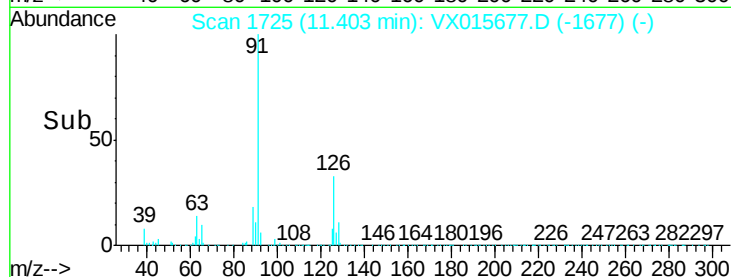
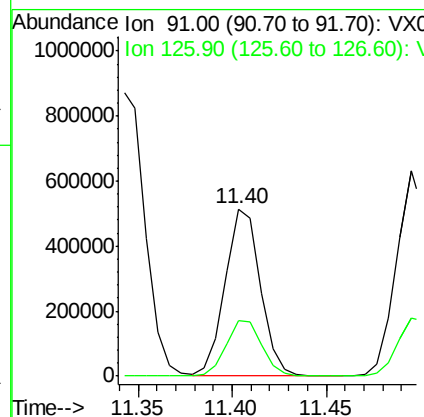
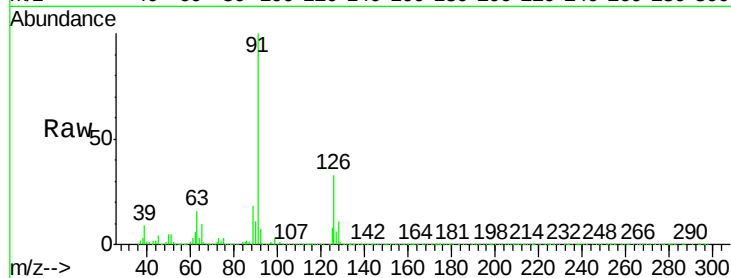
#79
2-Chlorotoluene
Concen: 18.891 ug/l
RT: 11.40 min Scan# 1725
Delta R.T. -0.01 min
Lab File: VX015677.D
Acq: 15 Apr 2020 12:59

Instrument :
MSVOA_X
ClientSampleId :
VX0415WBSD01

Tot Ion: 91 Resp: 661464
Ion Ratio Lower Upper
91 100
126 34.5 16.5 49.5

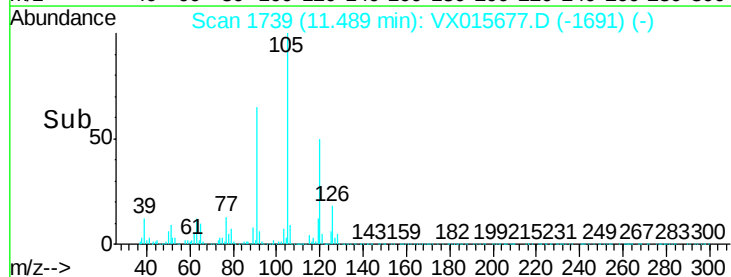
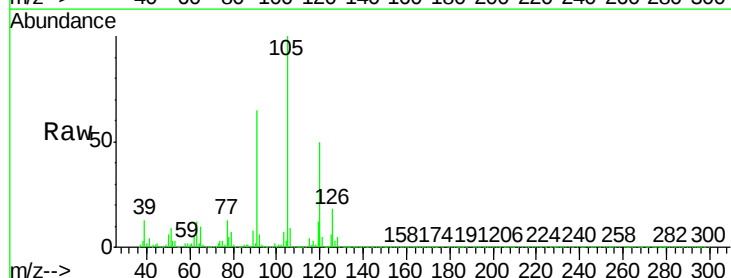
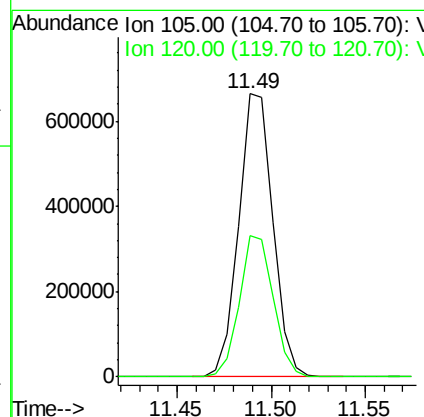
Manual Integrations
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#80
1,3,5-Trimethylbenzene
Concen: 19.577 ug/l
RT: 11.49 min Scan# 1739
Delta R.T. -0.01 min
Lab File: VX015677.D
Acq: 15 Apr 2020 12:59

Tgt Ion: 105 Resp: 835293
Ion Ratio Lower Upper
105 100
120 49.5 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 16.268 ug/l

RT: 11.06 min Scan# 1668

Delta R.T. -0.01 min

Lab File: VX015677.D

Acq: 15 Apr 2020 12:59

Instrument :

MSVOA_X

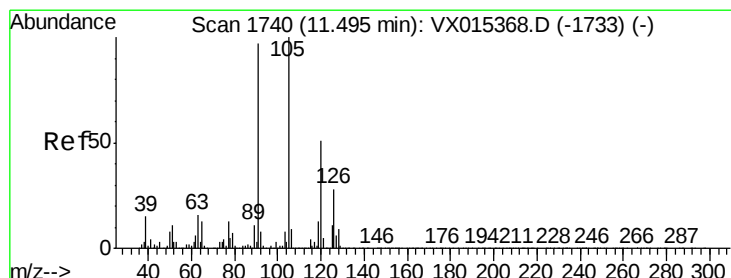
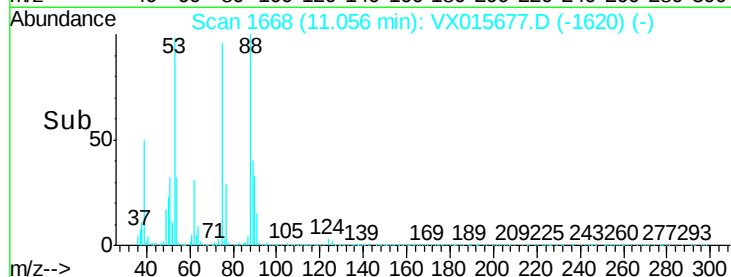
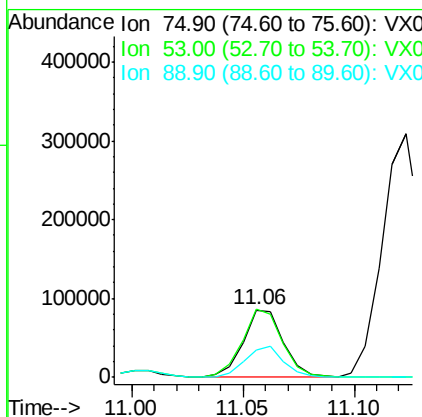
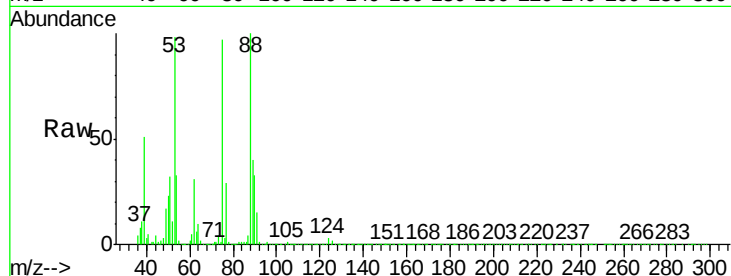
ClientSampleId :

VX0415WBSD01

Tot Ion:	75	Resp:	106312
Ion Ratio	Lower	Upper	
75	100		
53	100.4	80.1	120.1
89	46.1	36.1	54.1

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#82

4-Chlorotoluene

Concen: 19.058 ug/l

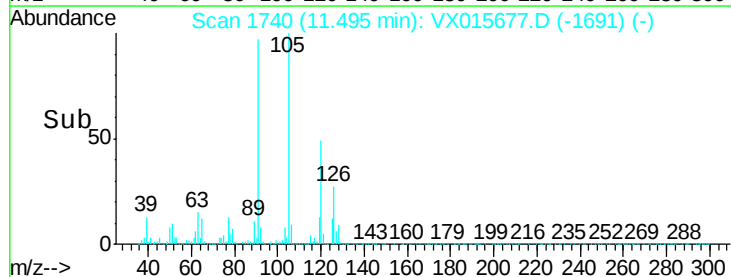
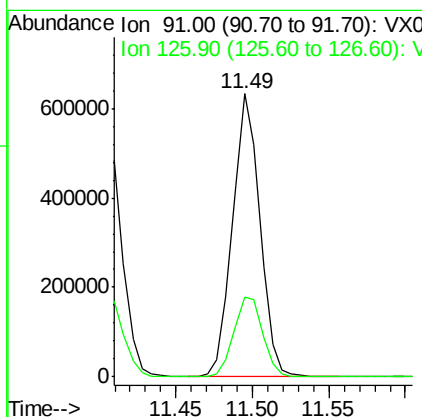
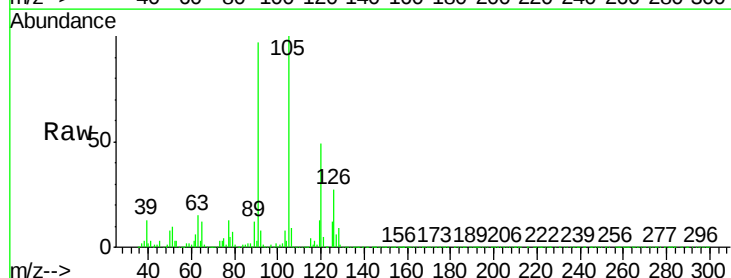
RT: 11.49 min Scan# 1740

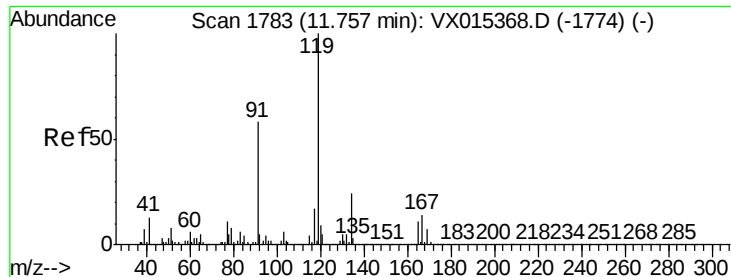
Delta R.T. -0.00 min

Lab File: VX015677.D

Acq: 15 Apr 2020 12:59

Tgt Ion:	91	Resp:	782307
Ion Ratio	Lower	Upper	
91	100		
126	30.0	14.7	44.1





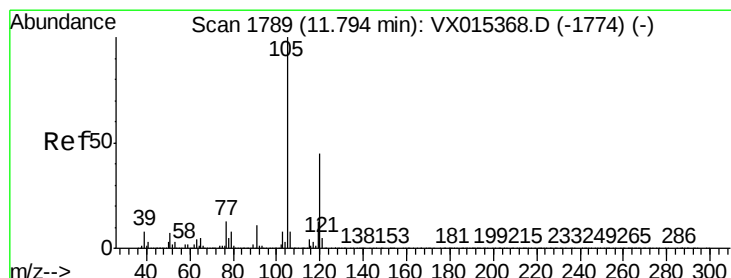
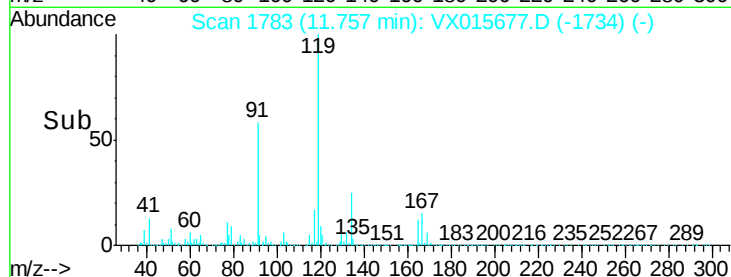
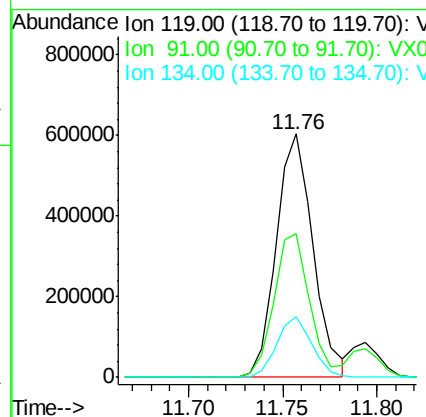
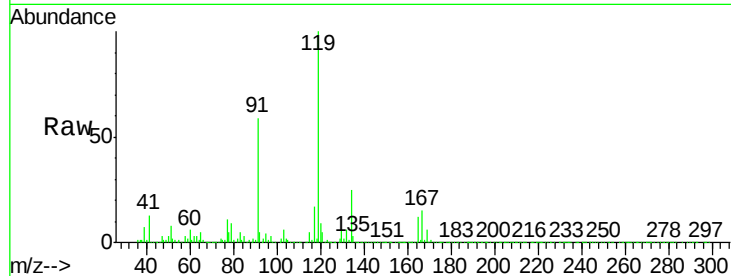
#83
tert-Butylbenzene
Concen: 19.594 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX015677.D
Acq: 15 Apr 2020 12:59

Instrument :
MSVOA_X
ClientSampleId :
VX0415WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	816615		
91	56.5	28.6	85.8	
134	23.7	11.8	35.3	

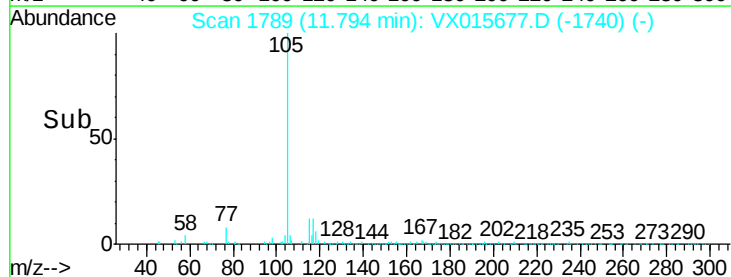
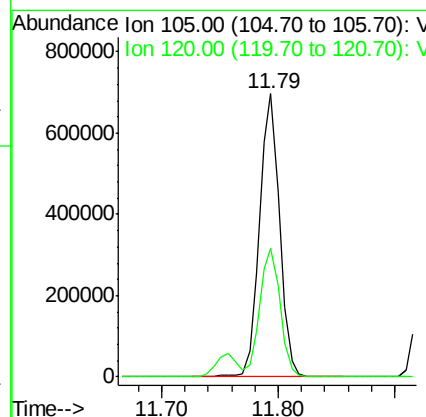
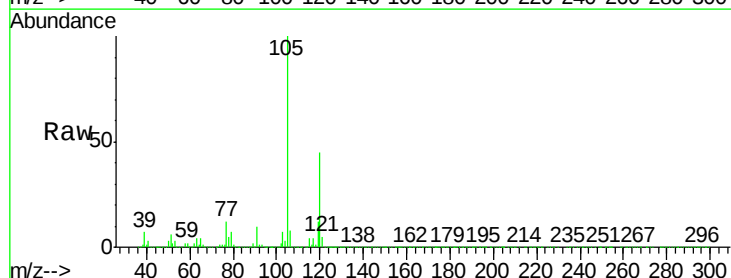
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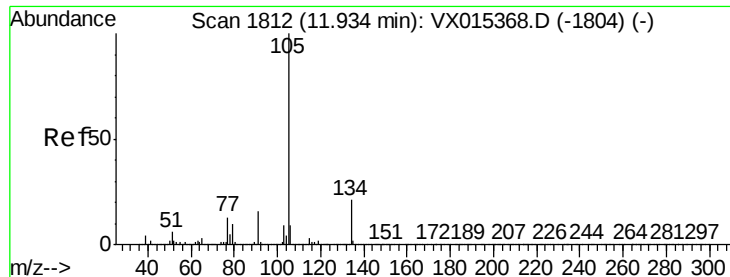
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#84
1,2,4-Trimethylbenzene
Concen: 19.286 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX015677.D
Acq: 15 Apr 2020 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	838577		
120	45.7	22.7	68.1	





#85

sec-Butylbenzene

Concen: 19.663 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VX015677.D

Acq: 15 Apr 2020 12:59

Instrument :

MSVOA_X

ClientSampleId :

VX0415WBSD01

Tot Ion:105 Resp: 947771

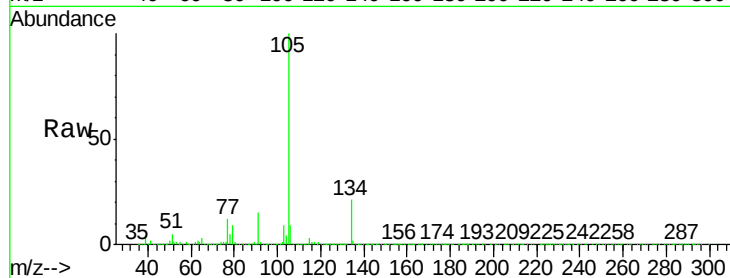
Ion Ratio Lower Upper

105 100

134 21.3 10.4 31.1

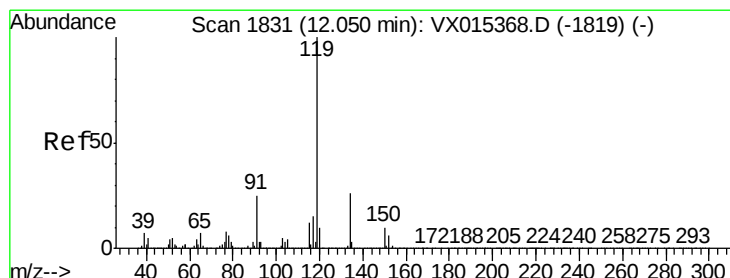
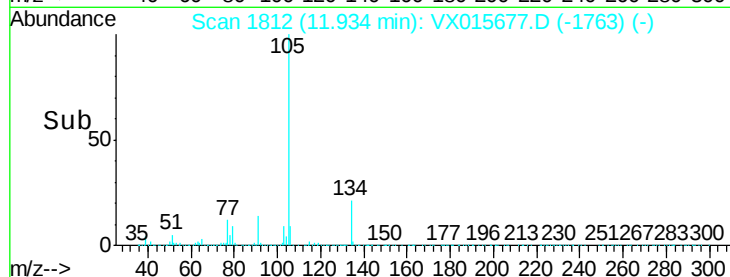
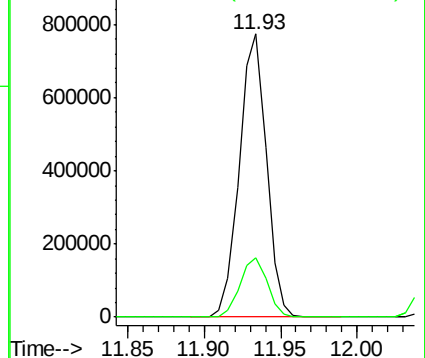
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.980 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VX015677.D

Acq: 15 Apr 2020 12:59

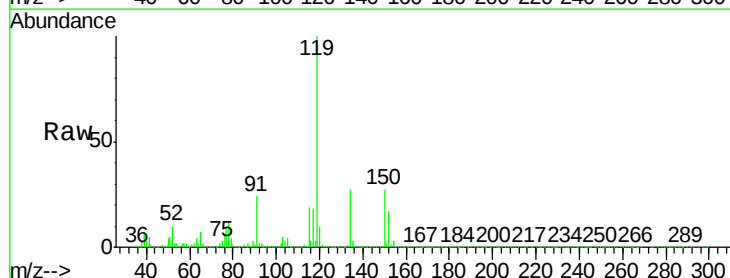
Tgt Ion:119 Resp: 894042

Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.3

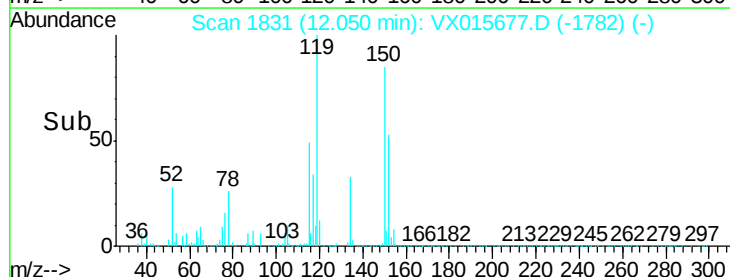
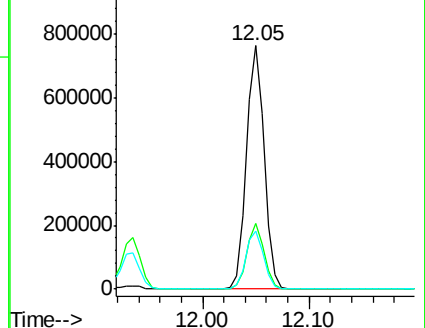
91 24.1 12.4 37.4

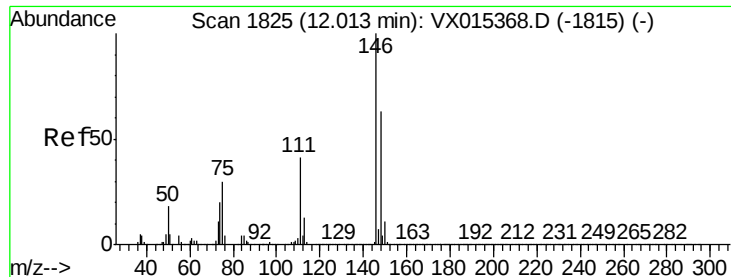


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 19.239 ug/l

RT: 12.01 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VX015677.D

Acq: 15 Apr 2020 12:59

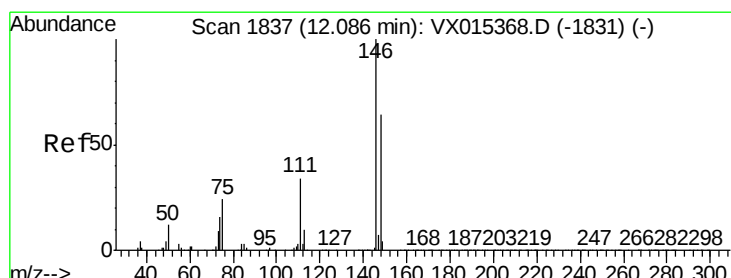
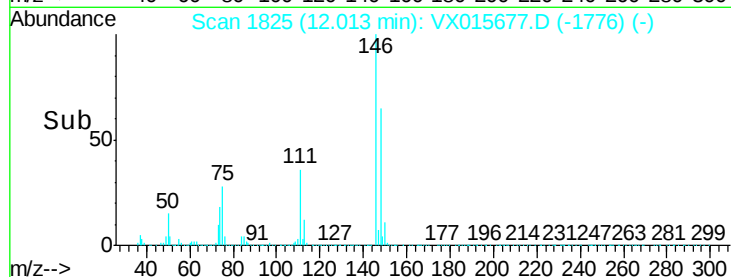
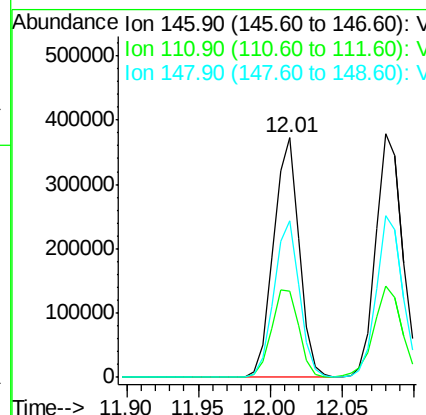
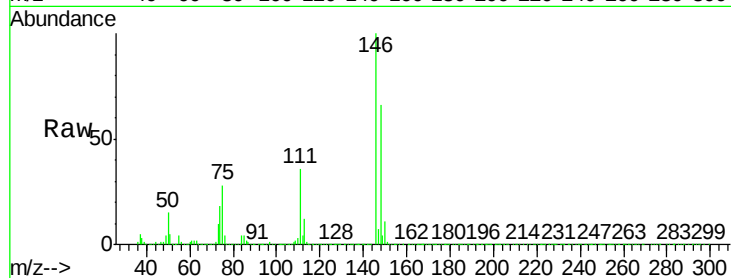
Instrument :
MSVOA_X

ClientSampleId :
VX0415WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	458990		
111	38.8	20.3	60.9	
148	65.0	31.3	93.9	

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#88

1,4-Dichlorobenzene

Concen: 19.420 ug/l

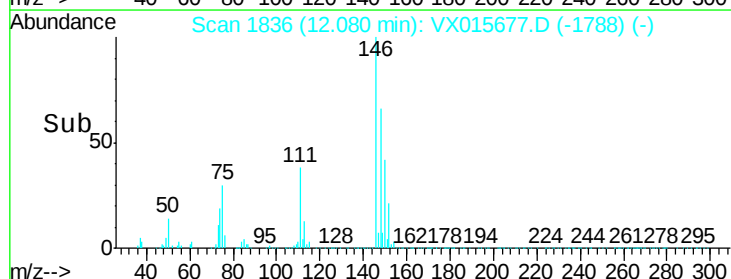
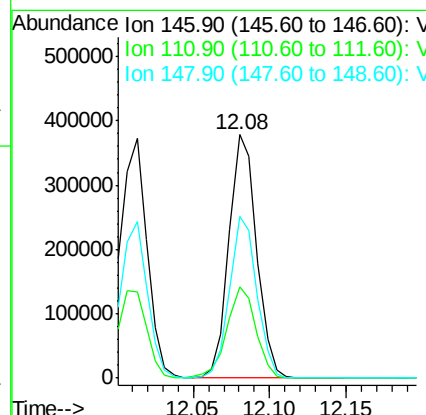
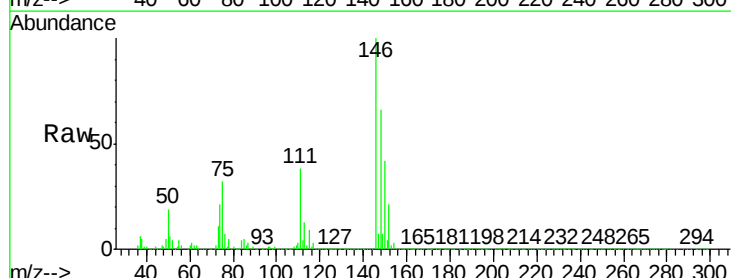
RT: 12.08 min Scan# 1836

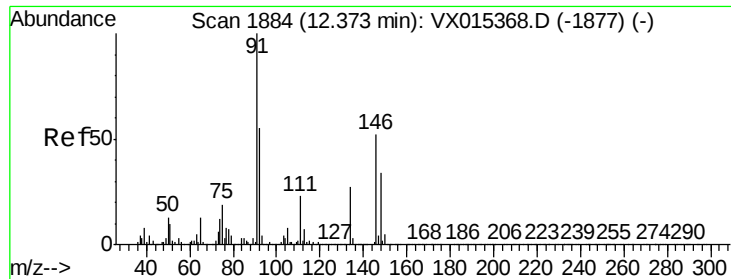
Delta R.T. -0.01 min

Lab File: VX015677.D

Acq: 15 Apr 2020 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	471912		
111	39.3	19.1	57.5	
148	65.6	32.4	97.2	





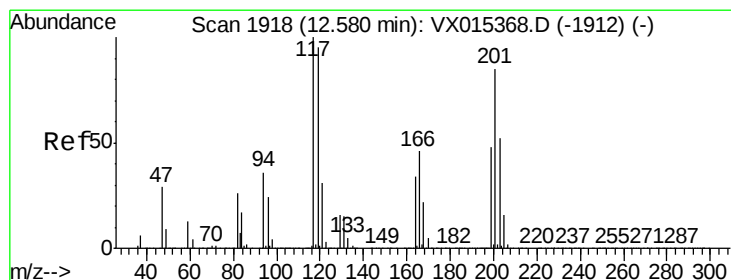
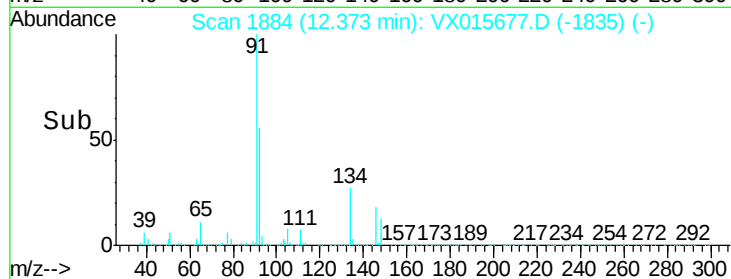
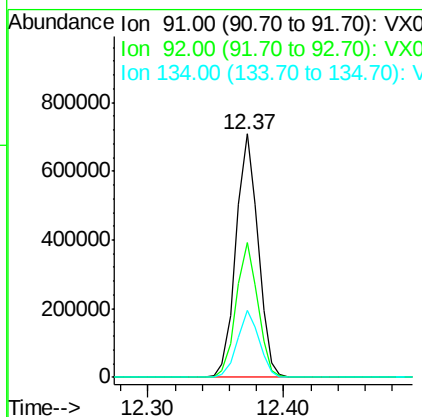
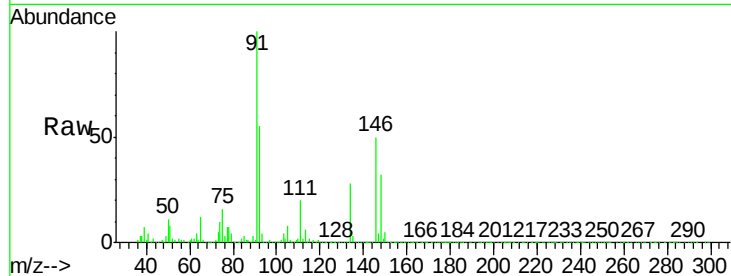
#89
n-Butylbenzene
Concen: 19.773 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VX015677.D
Acq: 15 Apr 2020 12:59

Instrument :
MSVOA_X
ClientSampleId :
VX0415WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	799568		
92	54.5	27.2	81.5	
134	27.1	13.4	40.2	

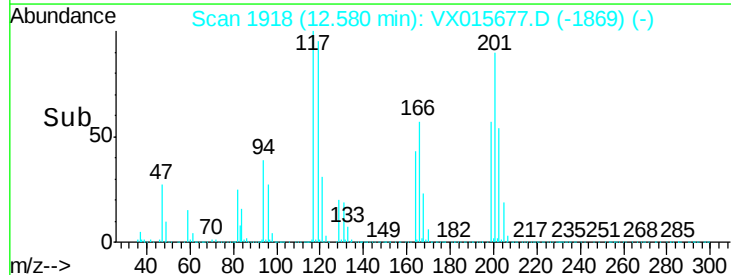
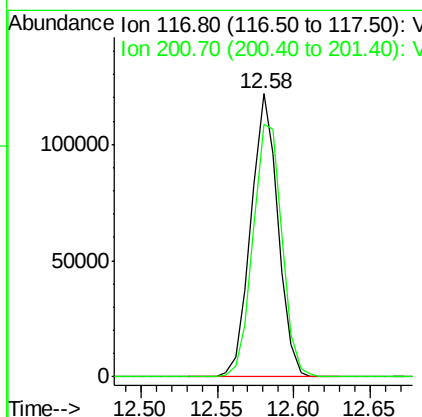
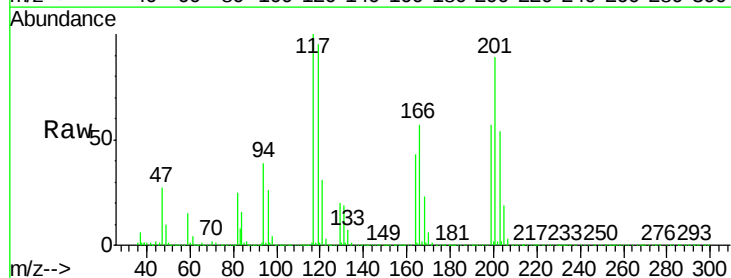
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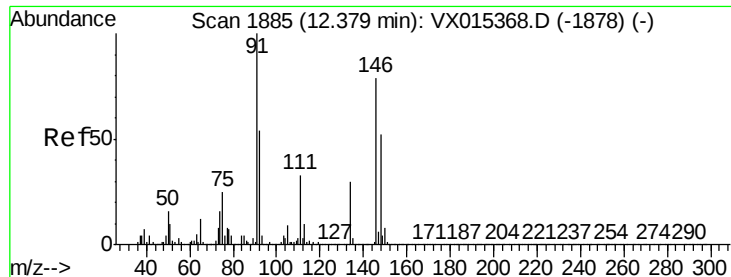
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#90
Hexachloroethane
Concen: 17.130 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VX015677.D
Acq: 15 Apr 2020 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	149190		
201	95.6	42.6	128.0	





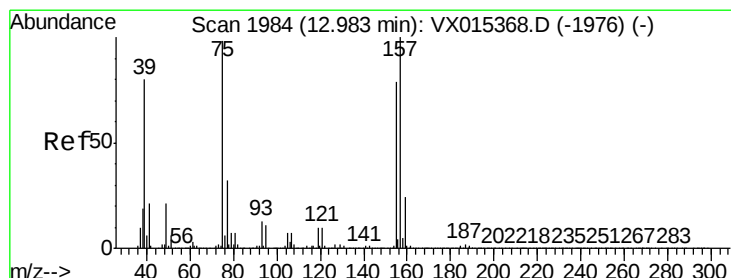
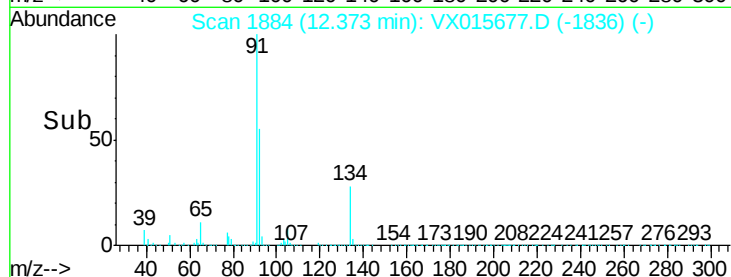
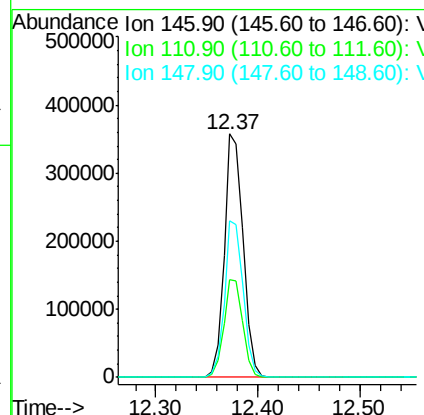
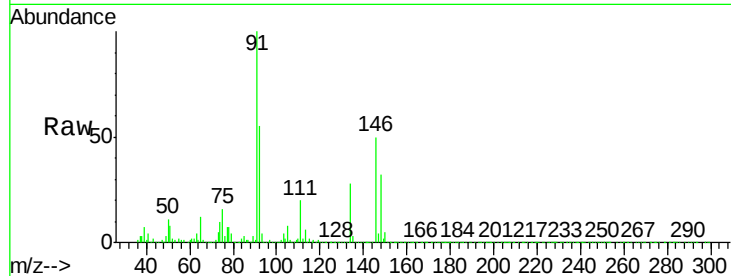
#91
 1,2-Dichlorobenzene
 Concen: 19.746 ug/l
 RT: 12.37 min Scan# 1884
 Delta R.T. -0.01 min
 Lab File: VX015677.D
 Acq: 15 Apr 2020 12:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0415WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	460999		
111	40.6	21.0	63.0	
148	63.7	32.4	97.0	

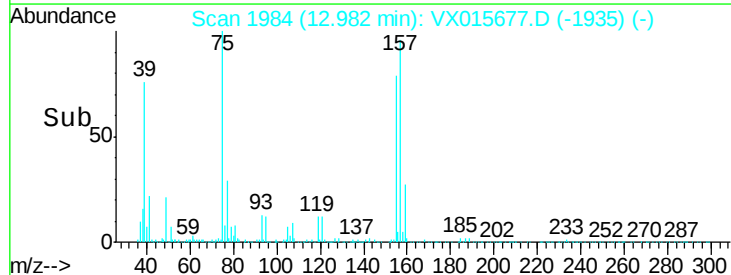
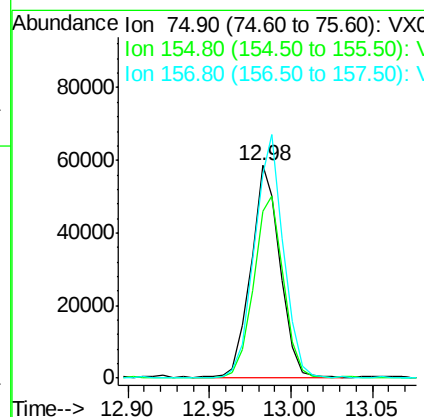
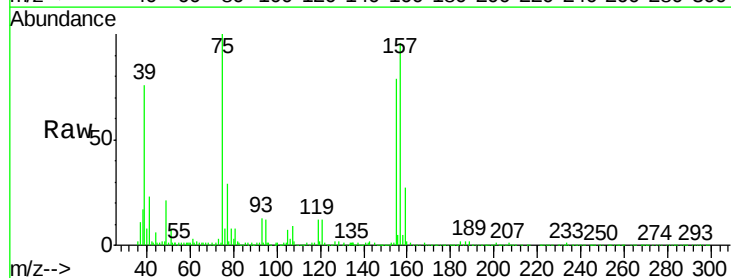
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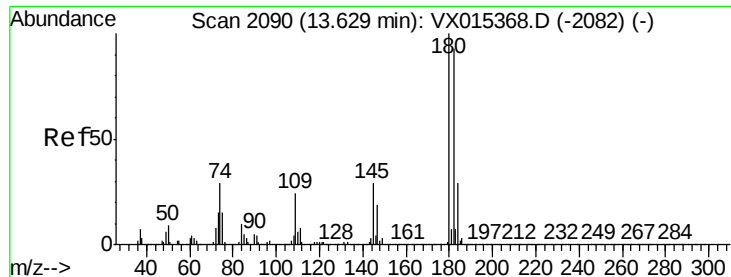
MMDadoda
 4/16/2020 11:03:55 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 14.931 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. -0.00 min
 Lab File: VX015677.D
 Acq: 15 Apr 2020 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	72244		
155	88.8	42.8	128.4	
157	113.9	53.4	160.3	





#93

1,2,4-Trichlorobenzene

Concen: 19.664 ug/l

RT: 13.63 min Scan# 2090

Delta R.T. -0.00 min

Lab File: VX015677.D

Acq: 15 Apr 2020 12:59

Instrument :

MSVOA_X

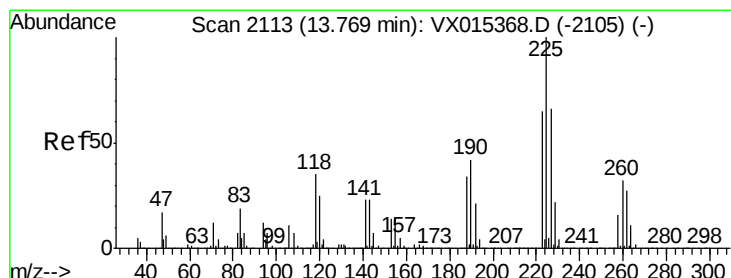
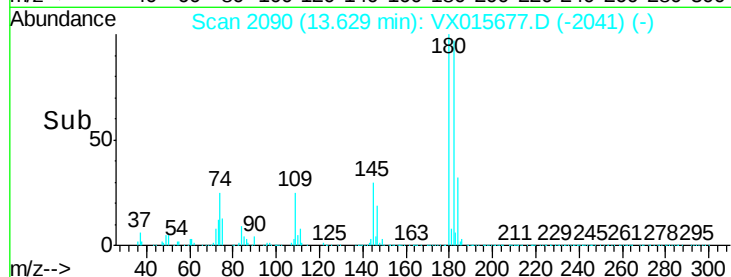
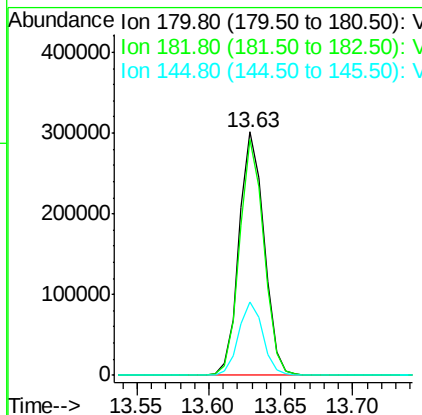
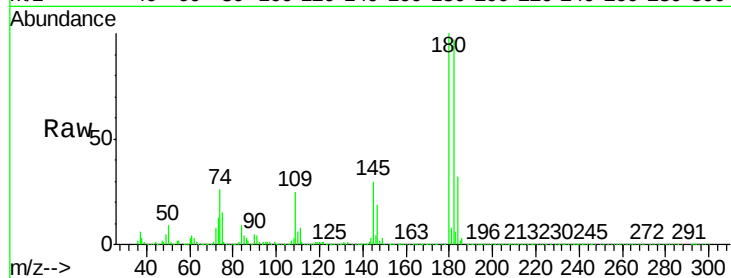
ClientSampleId :

VX0415WBSD01

Tot Ion:	180	Resp:	363133
Ion Ratio	Lower	Upper	
180	100		
182	94.3	46.9	140.7
145	29.4	14.9	44.5

Manual Integrations
APPROVED

MMDadoda
4/16/2020 11:03:55 AM



#94

Hexachlorobutadiene

Concen: 18.950 ug/l

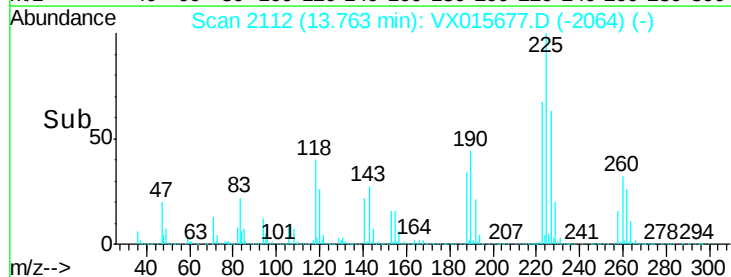
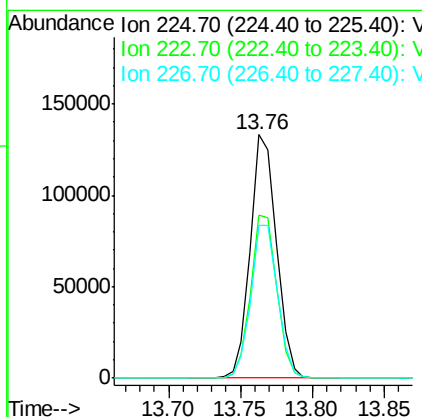
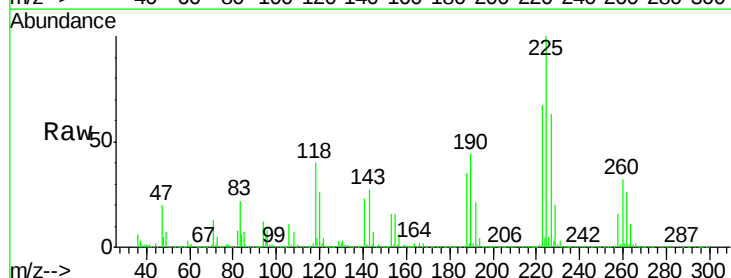
RT: 13.76 min Scan# 2112

Delta R.T. -0.01 min

Lab File: VX015677.D

Acq: 15 Apr 2020 12:59

Tgt Ion:	225	Resp:	166619
Ion Ratio	Lower	Upper	
225	100		
223	66.9	31.9	95.7
227	63.9	30.4	91.3





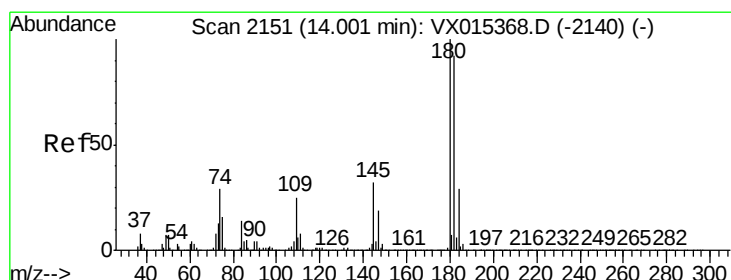
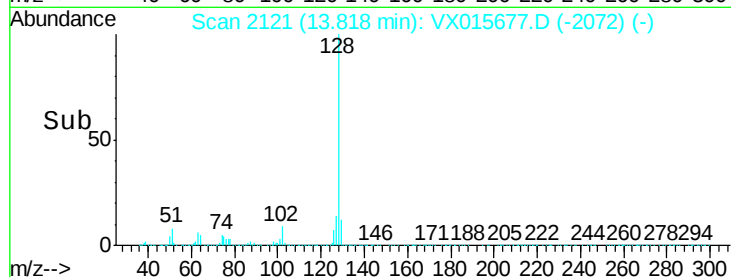
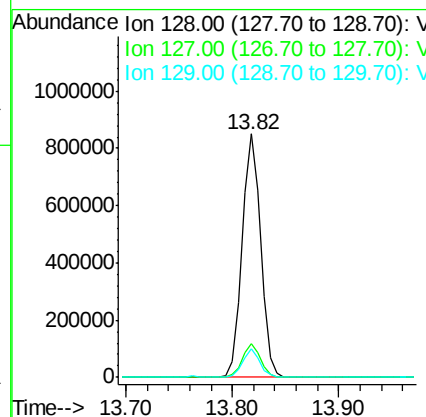
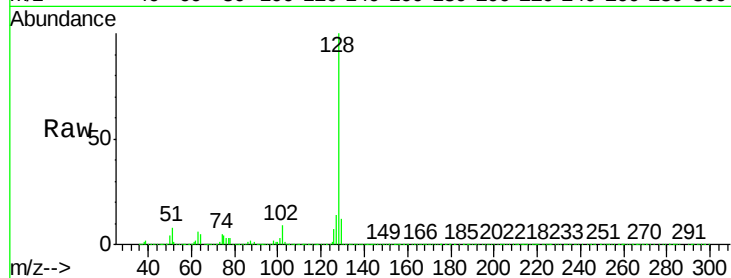
#95
Naphthalene
Concen: 18.539 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. -0.00 min
Lab File: VX015677.D
Acq: 15 Apr 2020 12:59

Instrument :
MSVOA_X
ClientSampleId :
VX0415WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.6	15.8
129	10.8	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
4/16/2020 11:03:55 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.033 ug/l
RT: 14.00 min Scan# 2151
Delta R.T. -0.00 min
Lab File: VX015677.D
Acq: 15 Apr 2020 12:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	46.7	140.0
145	30.9	15.8	47.3

