

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020720\
 Data File : VX014867.D
 Acq On : 07 Feb 2020 13:41
 Operator : JC/SP
 Sample : VX0207WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0207WBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/10/2020 10:49:31 AM

Quant Time: Feb 07 22:36:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X011520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 15 12:41:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	70421	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	386661	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	351121	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	151127	30.53	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.77%
60) 4-Bromofluorobenzene	11.13	95	171001	30.43	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	101.43%
63) Toluene-d8	8.71	98	470320	29.65	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.83%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	99494	20.444	ug/l 99
3) Chloromethane	1.32	50	102833	19.299	ug/l 95
4) Vinyl Chloride	1.40	62	114186	19.086	ug/l 98
5) Bromomethane	1.64	94	72023	19.292	ug/l 99
6) Chloroethane	1.72	64	64765	19.203	ug/l 96
7) Trichlorofluoromethane	1.93	101	137664	20.781	ug/l 98
8) Diethyl Ether	2.18	74	59565	20.586	ug/l 88
9) 1,1,2-Trichlorotrifluoroet	2.38	101	80238	20.703	ug/l 97
10) 1,1-Dichloroethene	2.37	96	79793	20.468	ug/l 96
11) Methyl Iodide	2.50	142	79061	15.122	ug/l 97
12) Methyl Acetate	2.76	43	146053	20.739	ug/l 99
13) Acrolein	2.28	56	73930	99.945	ug/l 99
14) Acrylonitrile	3.13	53	237907	98.730	ug/l 99
15) Acetone	2.43	58	68546	84.852	ug/l 83
16) Carbon Disulfide	2.56	76	194773	18.192	ug/l 96
17) Allyl chloride	2.72	41	134322	18.618	ug/l 88
18) Methylene Chloride	2.85	84	91536	20.063	ug/l 94
19) trans-1,2-Dichloroethene	3.16	96	84763	20.198	ug/l 99
20) Diisopropyl ether	3.84	45	278841	19.535	ug/l 97
21) 1,1-Dichloroethane	3.69	63	155653	20.072	ug/l 99
22) cis-1,2-Dichloroethene	4.59	96	98240	20.372	ug/l 98
23) tert-Butyl Alcohol	3.02	59	104514	104.876	ug/l # 100
24) Methyl tert-Butyl Ether	3.19	73	274395	21.150	ug/l 99
25) Chloroform	5.20	83	152627	20.318	ug/l 98
26) Cyclohexane	5.58	56	134341	18.781	ug/l # 97
29) 1,1-Dichloropropene	5.79	75	115279	20.329	ug/l 99
30) 2-Butanone	4.65	43	339369	94.475	ug/l 98
31) 2,2-Dichloropropane	4.58	77	131468	21.667	ug/l 96
32) 1,1,1-Trichloroethane	5.49	97	134615	21.457	ug/l 98
33) Carbon Tetrachloride	5.78	117	115190	21.387	ug/l 98
34) Benzene	6.14	78	349702	19.957	ug/l 98
35) Methacrylonitrile	5.03	41	71568	19.949	ug/l 97
36) 1,2-Dichloroethane	6.19	62	126842	20.800	ug/l 97
37) Trichloroethene	7.20	130	100895	21.029	ug/l 96
38) Methylcyclohexane	7.46	83	142453	20.176	ug/l 95
39) 1,2-Dichloropropane	7.51	63	87083	19.111	ug/l 98
40) Dibromomethane	7.65	93	60516	20.665	ug/l 96

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Quant Time: Feb 07 22:36:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X011520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 15 12:41:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	118190	20.610	ug/l	99
42) Vinyl Acetate	3.80	43	1110801	100.327	ug/l	100
43) Ethyl Acetate	4.81	43	127522	19.610	ug/l	98
44) Isopropyl Acetate	6.43	43	209703	19.990	ug/l	100
45) 1,4-Dioxane	7.73	88	44936	428.232	ug/l	99
46) Methyl methacrylate	7.76	41	103819	20.125	ug/l	95
47) n-amyl Acetate	10.89	43	176334	20.061	ug/l	99
48) t-1,3-Dichloropropene	9.03	75	132468	21.158	ug/l	96
49) cis-1,3-Dichloropropene	8.43	75	142400	20.185	ug/l	96
50) 1,1,2-Trichloroethane	9.21	97	92589	20.778	ug/l	98
51) Ethyl methacrylate	9.17	69	139839	20.155	ug/l	96
52) 1,3-Dichloropropane	9.37	76	154775	20.501	ug/l	99
53) Dibromochloromethane	9.57	129	98722	21.660	ug/l	96
54) 1,2-Dibromoethane	9.67	107	99190	21.463	ug/l	97
55) 2-Chloroethyl vinyl ether	8.30	63	288302	90.416	ug/l	98
56) Bromoform	10.85	173	74244	21.148	ug/l	98
58) 4-Methyl-2-Pentanone	8.64	43	672399	101.691	ug/l	99
59) 2-Hexanone	9.48	43	516804	101.061	ug/l	99
61) Tetrachloroethene	9.33	164	102550	19.760	ug/l	97
62) Toluene	8.78	91	386043	20.723	ug/l	99
64) Chlorobenzene	10.14	112	246708	21.215	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.21	131	91307	21.259	ug/l	98
66) Ethyl Benzene	10.25	91	427120	21.050	ug/l	98
67) m/p-Xylenes	10.36	106	326921	42.063	ug/l	99
68) o-Xylene	10.70	106	155840	20.591	ug/l	98
69) Styrene	10.71	104	266555	20.787	ug/l	99
70) Isopropylbenzene	11.01	105	417960	21.080	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	137201	20.543	ug/l	98
72) 1,2,3-Trichloropropane	11.29	75	116077m	20.318	ug/l	
73) Bromobenzene	11.25	156	114467	21.779	ug/l	95
74) n-propylbenzene	11.35	91	480512	21.209	ug/l	98
75) 2-Chlorotoluene	11.42	91	281820	20.755	ug/l	100
76) 1,3,5-Trimethylbenzene	11.50	105	349436	21.151	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	43991	20.007	ug/l	94
78) 4-Chlorotoluene	11.51	91	324056	21.014	ug/l	98
79) tert-butylbenzene	11.76	119	337092	21.806	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	353207	21.435	ug/l	100
81) sec-Butylbenzene	11.94	105	407614	21.309	ug/l	99
82) p-Isopropyltoluene	12.06	119	374024	21.418	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	197272	21.496	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	199639	21.942	ug/l	99
85) n-Butylbenzene	12.39	91	321884	21.067	ug/l	100
86) Hexachloroethane	12.59	117	64020	20.444	ug/l	100
87) 1,2-Dichlorobenzene	12.39	146	198430	21.429	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	31636	22.175	ug/l	98
89) 1,2,4-Trichlorobenzene	13.64	180	141585	23.165	ug/l	98
90) Hexachlorobutadiene	13.78	225	68278	22.357	ug/l	98
91) Naphthalene	13.83	128	415698	22.531	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	141410	22.730	ug/l	99

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Instrument :
MSVOA_X
ClientSampleId :
VX0207WBSD01

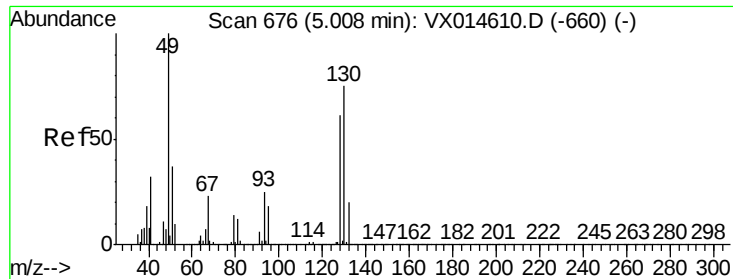
Manual Integrations
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QLast Update : Wed Jan 15 12:41:12 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



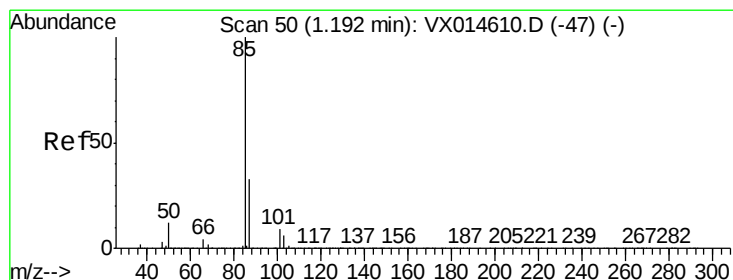
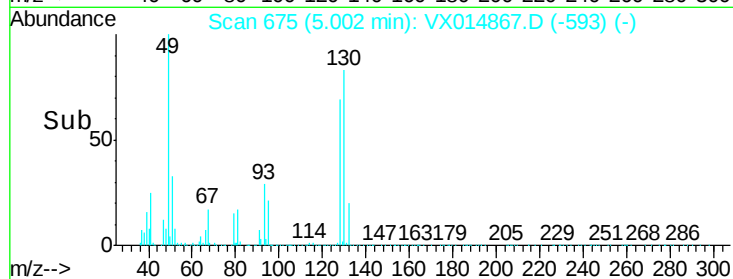
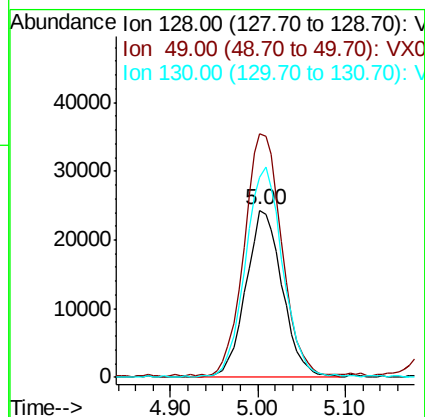
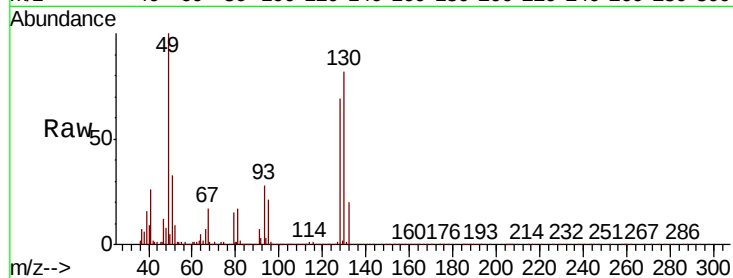
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014867.D
Acq: 07 Feb 2020 13:41

Instrument :
MSVOA_X
ClientSampleId :
VX0207WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
49	147.5	0.0	405.0
130	127.9	0.0	321.5

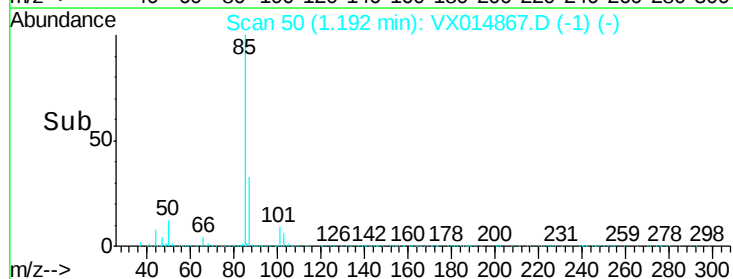
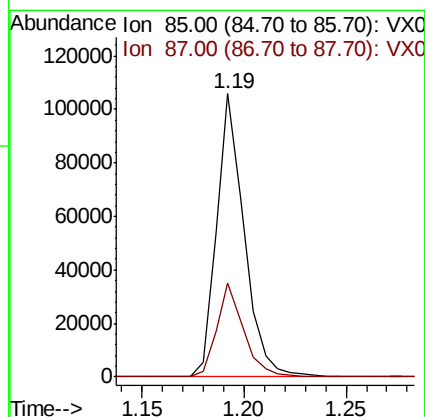
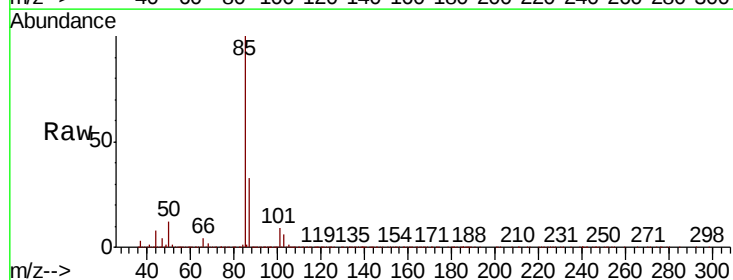
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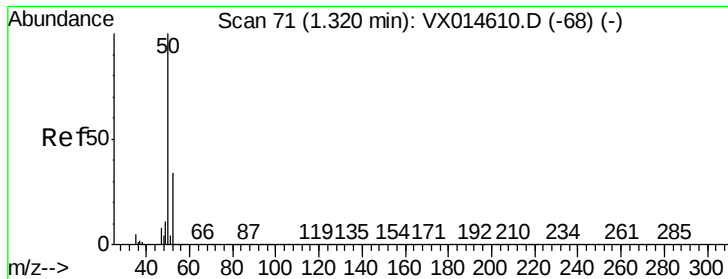
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#2
Dichlorodifluoromethane
Concen: 20.444 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX014867.D
Acq: 07 Feb 2020 13:41

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.1	16.3	48.9





#3

Chloromethane

Concen: 19.299 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014867.D

Acq: 07 Feb 2020 13:41

Instrument :

MSVOA_X

ClientSampleId :

VX0207WBSD01

Tot Ion: 50 Resp: 102833

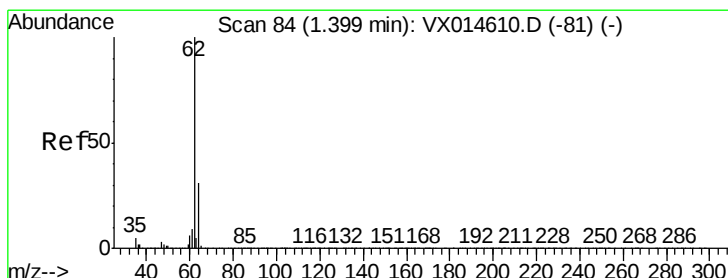
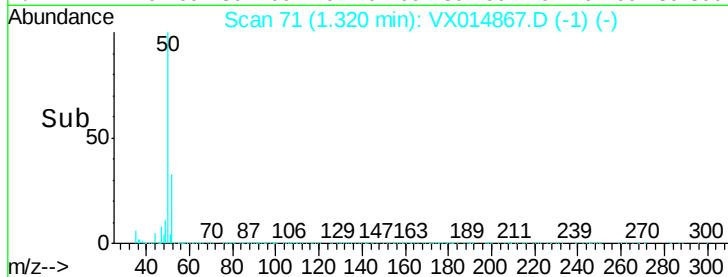
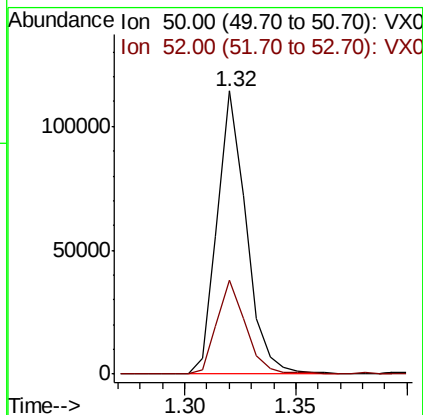
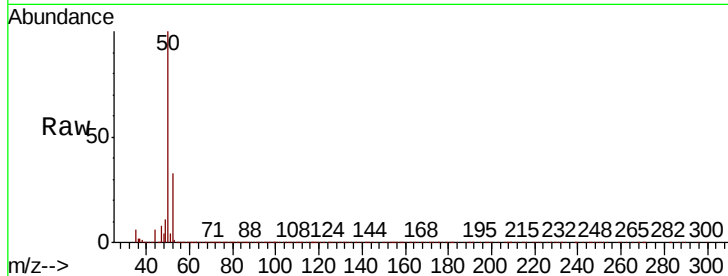
Ion Ratio Lower Upper

50 100

52 33.0 24.3 36.5

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#4

Vinyl Chloride

Concen: 19.086 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014867.D

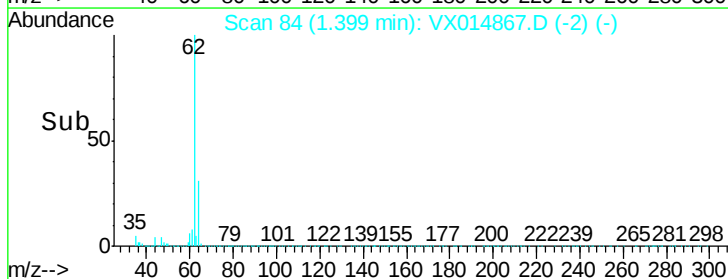
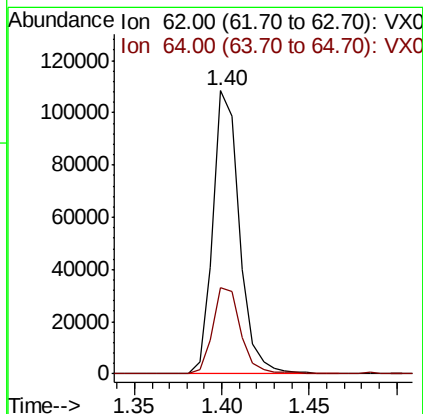
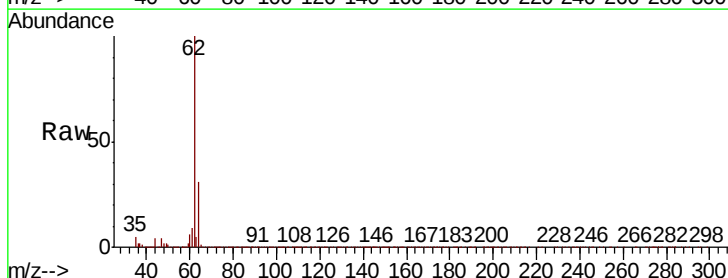
Acq: 07 Feb 2020 13:41

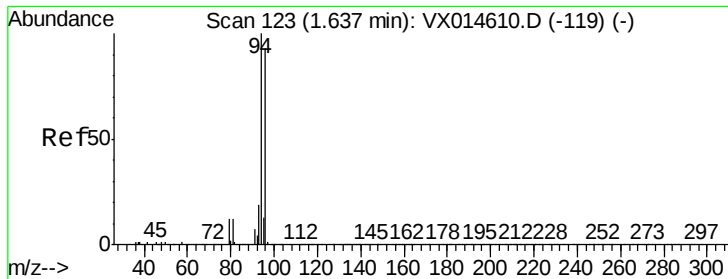
Tgt Ion: 62 Resp: 114186

Ion Ratio Lower Upper

62 100

64 30.4 25.2 37.8





#5

Bromomethane

Concen: 19.292 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.01 min

Lab File: VX014867.D

Acq: 07 Feb 2020 13:41

Instrument :

MSVOA_X

ClientSampleId :

VX0207WBSD01

Tot Ion: 94 Resp: 72023

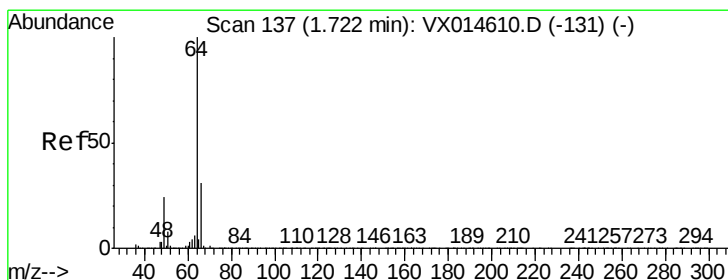
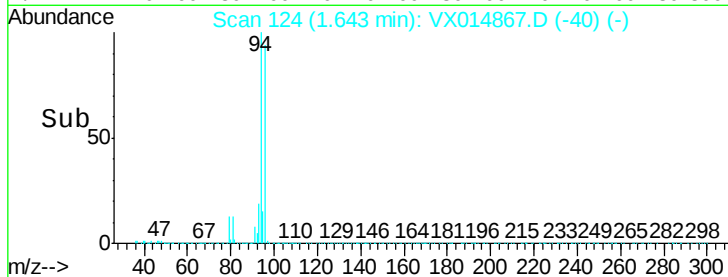
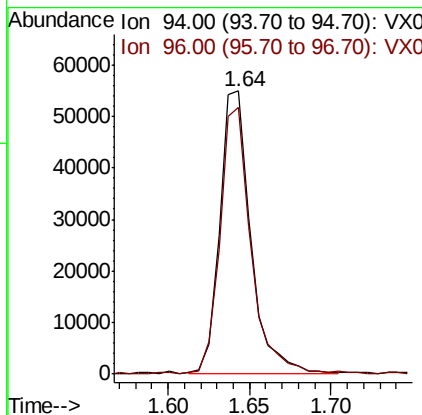
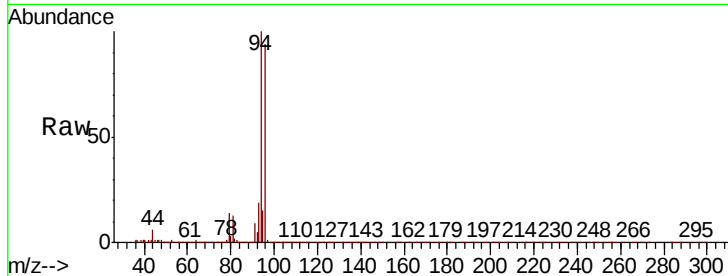
Ion Ratio Lower Upper

94 100

96 94.0 74.4 111.6

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#6

Chloroethane

Concen: 19.203 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.02 min

Lab File: VX014867.D

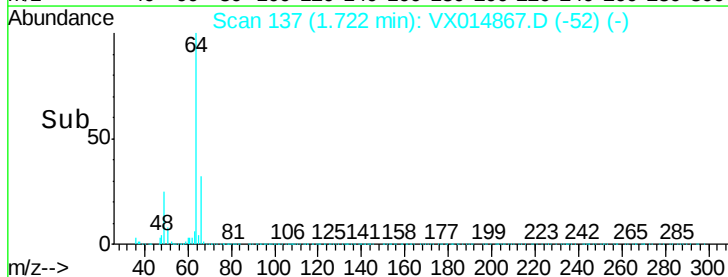
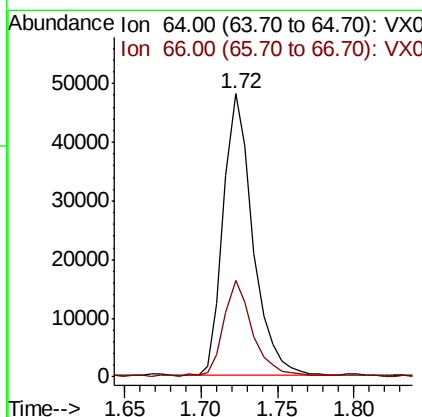
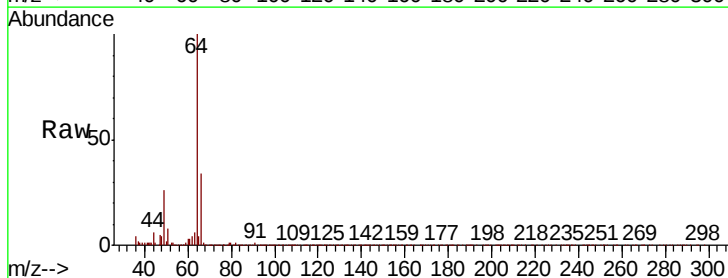
Acq: 07 Feb 2020 13:41

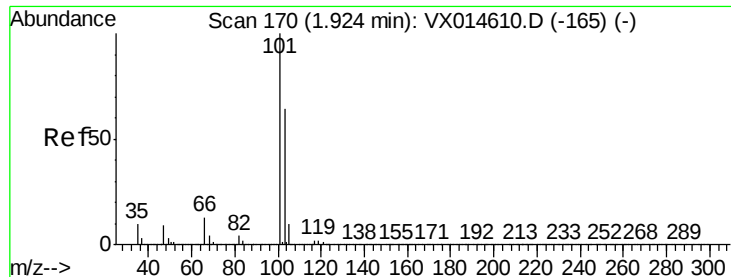
Tgt Ion: 64 Resp: 64765

Ion Ratio Lower Upper

64 100

66 33.7 25.2 37.8





#7

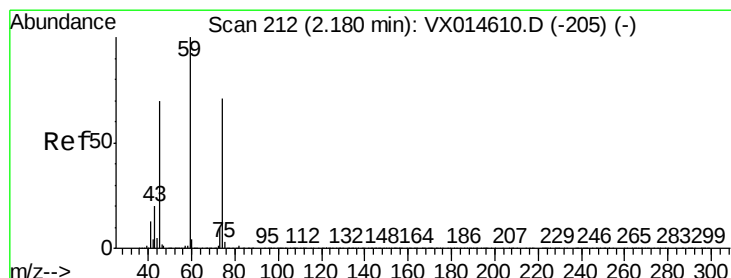
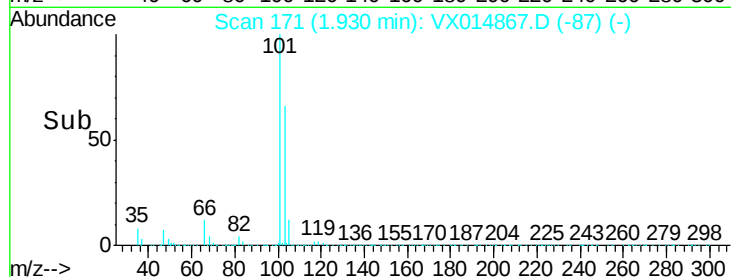
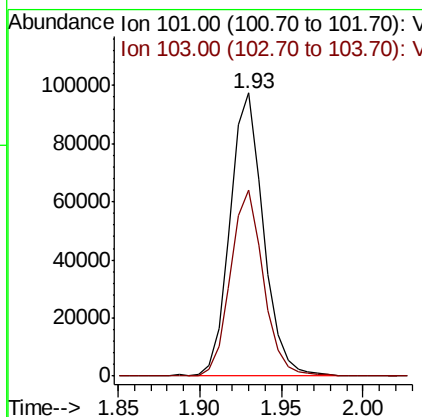
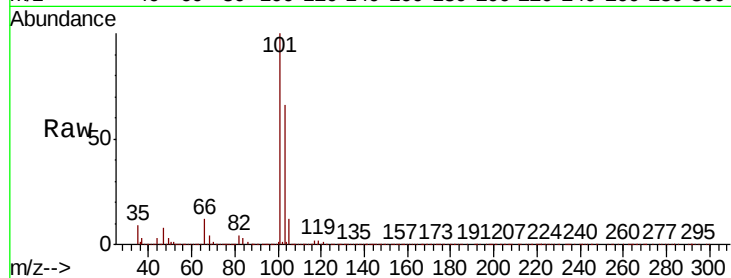
Trichlorofluoromethane
Concen: 20.781 ug/l
RT: 1.93 min Scan# 171
Delta R.T. 0.01 min
Lab File: VX014867.D
Acq: 07 Feb 2020 13:41

Instrument :
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ClientSampleId :
VX0207WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.9	51.6	77.4

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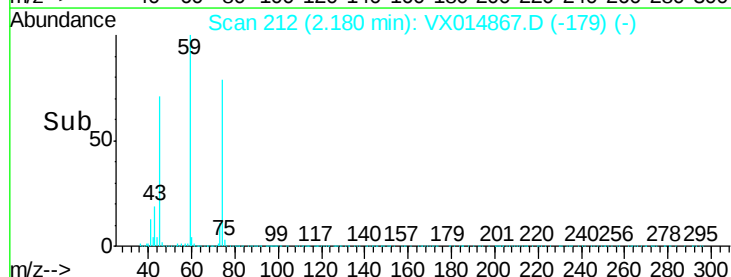
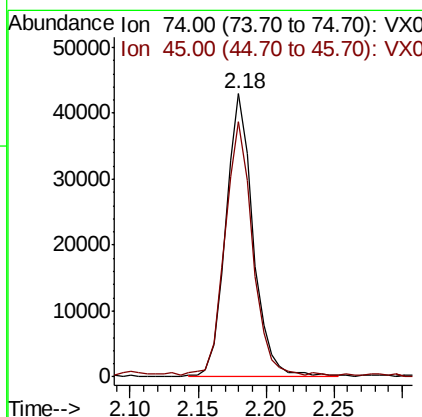
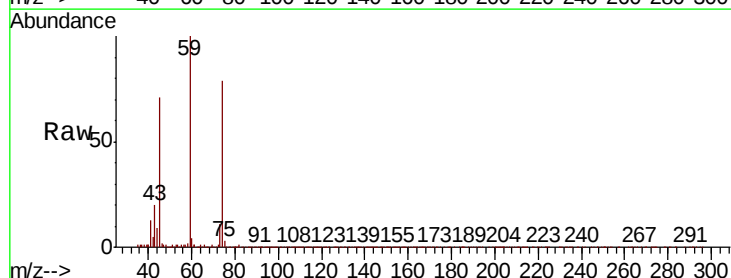
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2/10/2020 10:49:31 AM

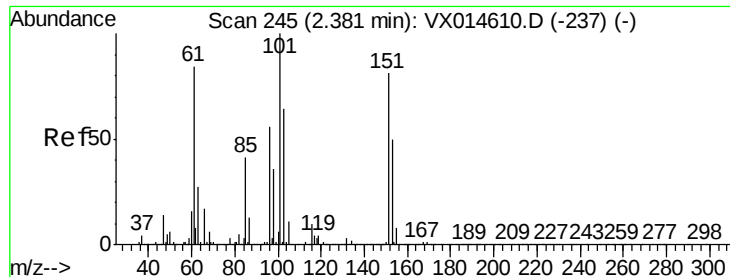


#8

Diethyl Ether
Concen: 20.586 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014867.D
Acq: 07 Feb 2020 13:41

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.2	20.6	185.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.703 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.01 min

Lab File: VX014867.D

Acq: 07 Feb 2020 13:41

Instrument :

MSVOA_X

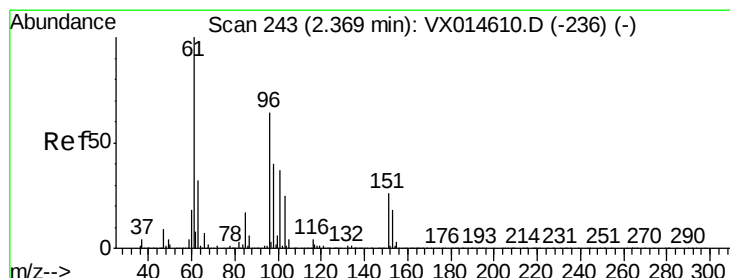
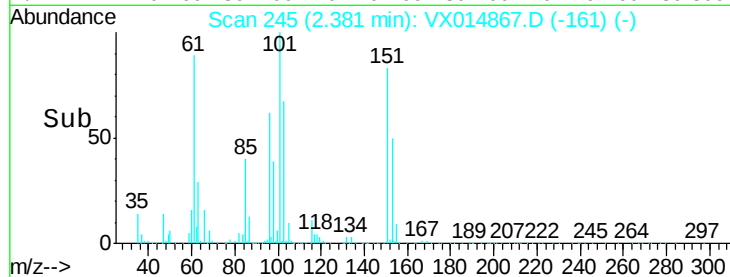
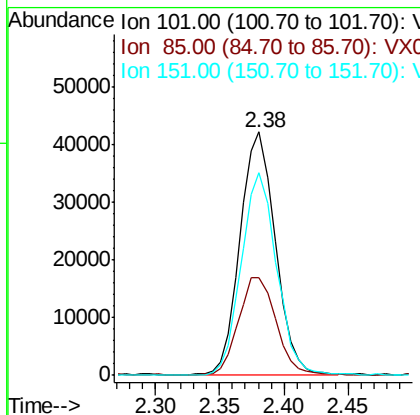
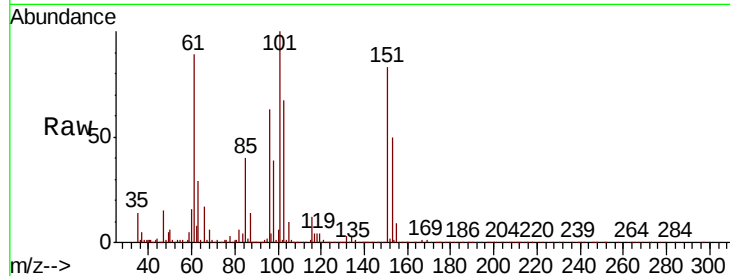
ClientSampleId :

VX0207WBSD01

Tot Ion:	101	Resp:	80238
Ion Ratio	Lower	Upper	
101	100		
85	42.3	0.0	85.6
151	83.3	0.0	159.4

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 20.468 ug/l

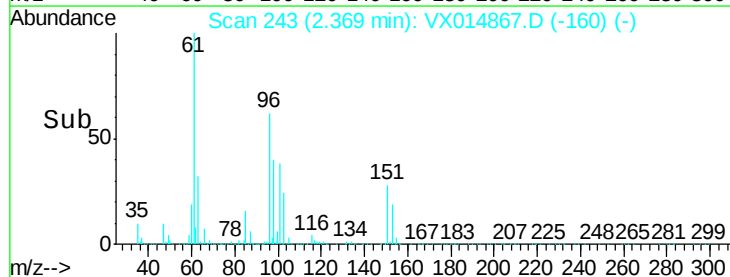
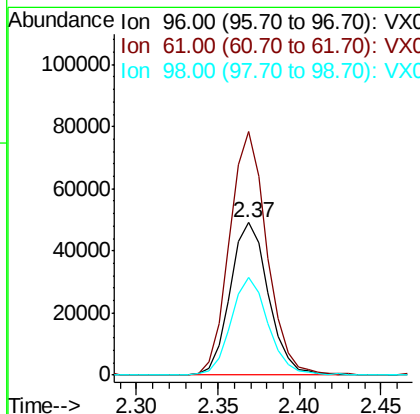
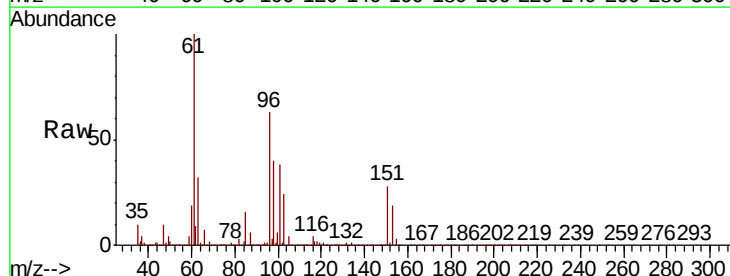
RT: 2.37 min Scan# 243

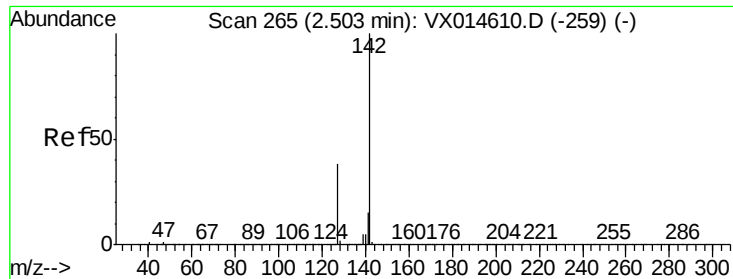
Delta R.T. 0.01 min

Lab File: VX014867.D

Acq: 07 Feb 2020 13:41

Tgt Ion:	96	Resp:	79793
Ion Ratio	Lower	Upper	
96	100		
61	160.1	123.0	184.6
98	63.9	51.4	77.0





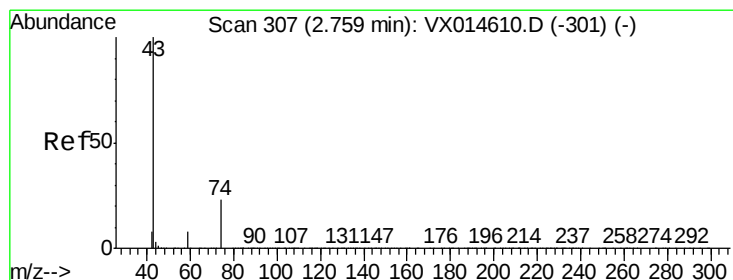
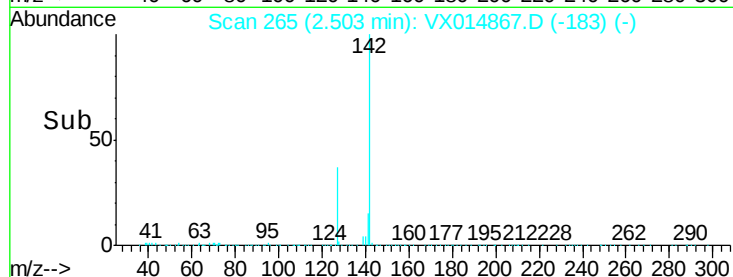
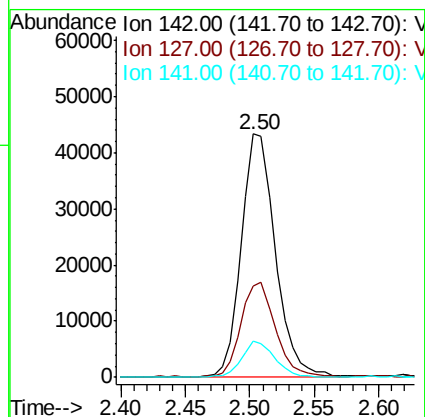
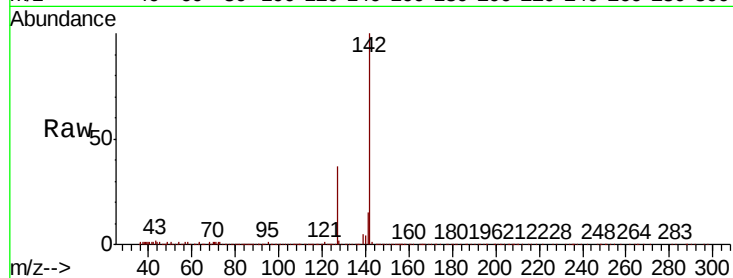
#11
Methvl Iodide
Concen: 15.122 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX014867.D
Acq: 07 Feb 2020 13:41

Instrument :
MSVOA_X
ClientSampleId :
VX0207WBSD01

Tot Ion:	142	Resp:	79061
Ion Ratio	Lower	Upper	
142	100		
127	37.2	19.5	58.5
141	14.6	7.0	20.9

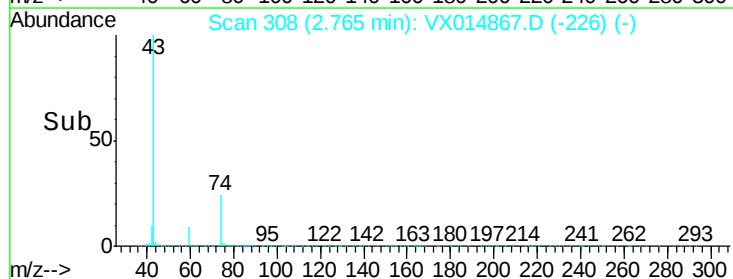
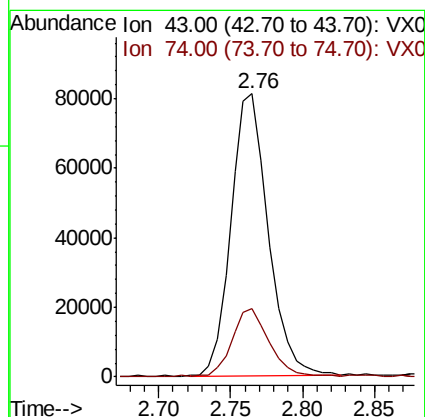
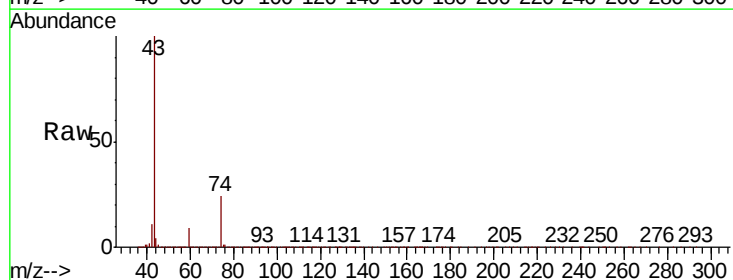
Manual Integrations
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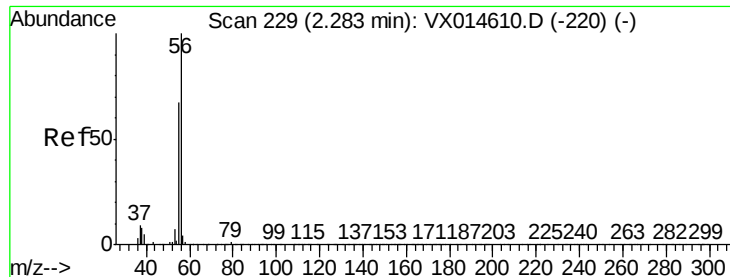
MMDadoda
2/10/2020 10:49:31 AM



#12
Methyl Acetate
Concen: 20.739 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX014867.D
Acq: 07 Feb 2020 13:41

Tgt Ion:	43	Resp:	146053
Ion Ratio	Lower	Upper	
43	100		
74	23.8	18.5	27.7





#13

Acrolein

Concen: 99.945 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014867.D

Acq: 07 Feb 2020 13:41

Instrument :

MSVOA_X

ClientSampleId :

VX0207WBSD01

Tot Ion: 56 Resp: 73930

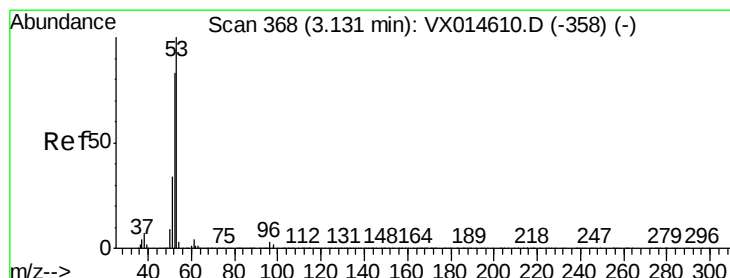
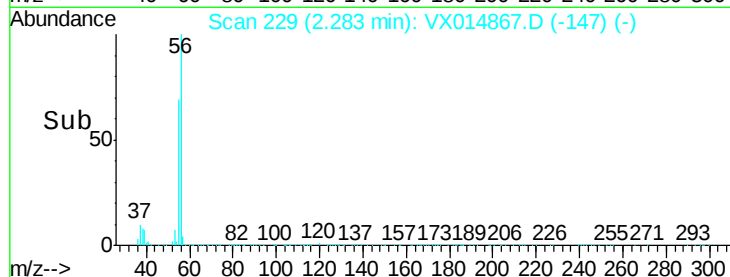
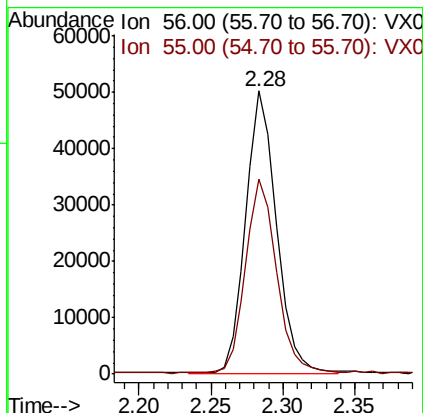
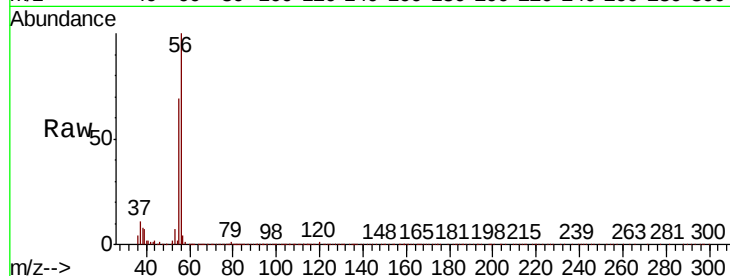
Ion Ratio Lower Upper

56 100

55 69.5 54.9 82.3

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#14

Acrylonitrile

Concen: 98.730 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014867.D

Acq: 07 Feb 2020 13:41

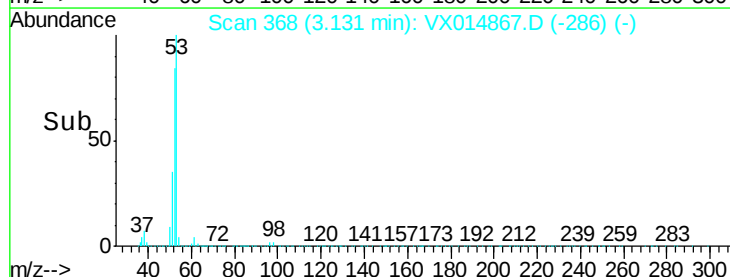
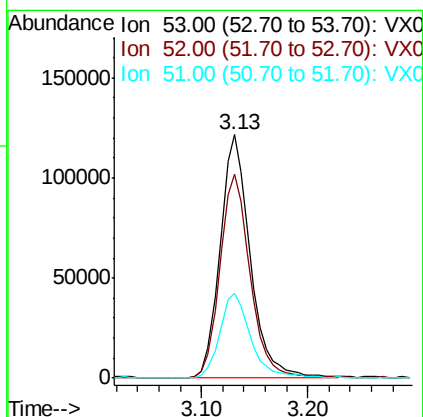
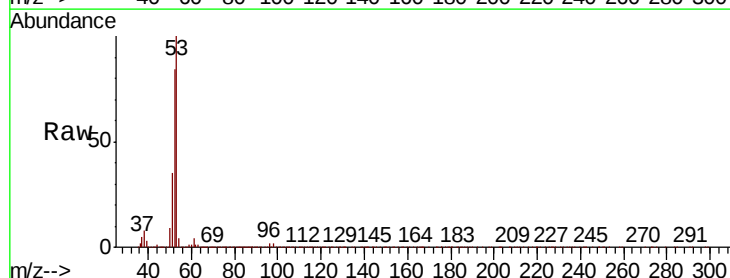
Tgt Ion: 53 Resp: 237907

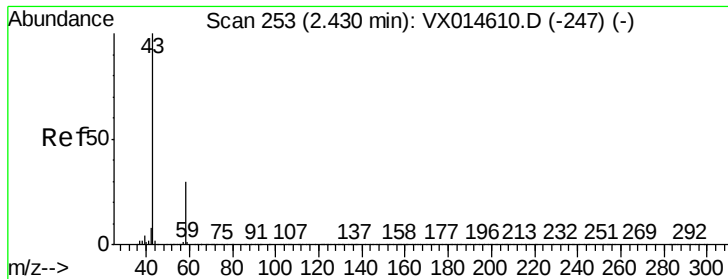
Ion Ratio Lower Upper

53 100

52 83.6 41.5 124.6

51 35.2 17.8 53.5





#15

Acetone

Concen: 84.852 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014867.D

Acq: 07 Feb 2020 13:41

Instrument :

MSVOA_X

ClientSampleId :

VX0207WBSD01

Tot Ion: 58 Resp: 68546

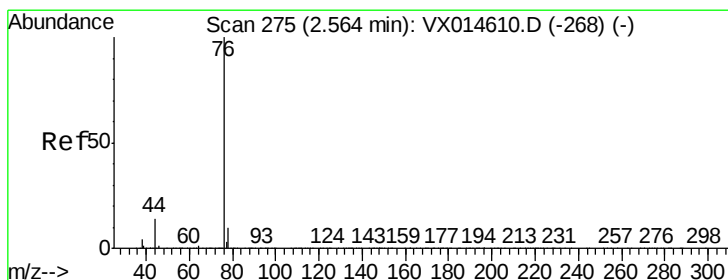
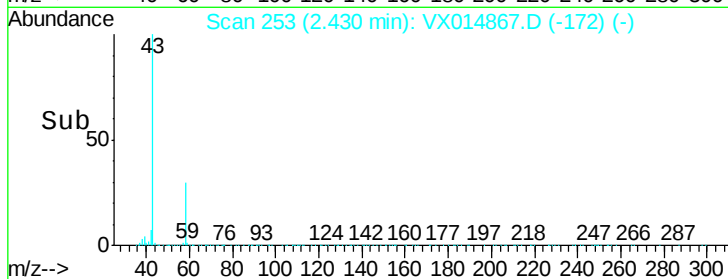
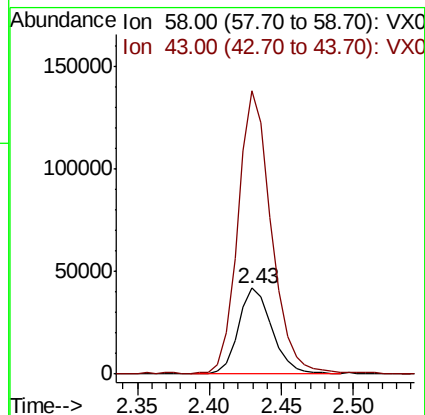
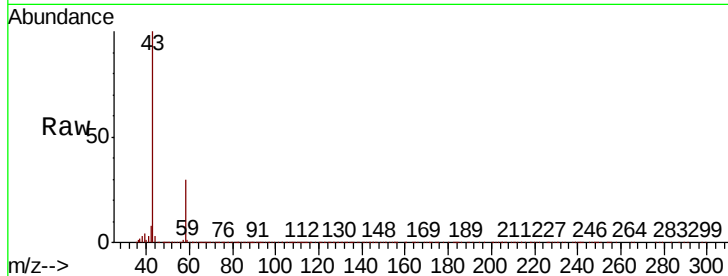
Ion Ratio Lower Upper

58 100

43 328.0 236.3 354.5

Manual Integrations
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#16

Carbon Disulfide

Concen: 18.192 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014867.D

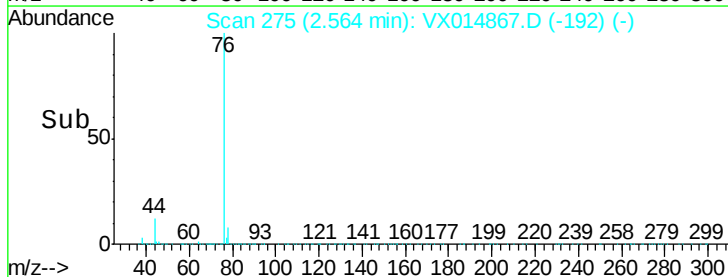
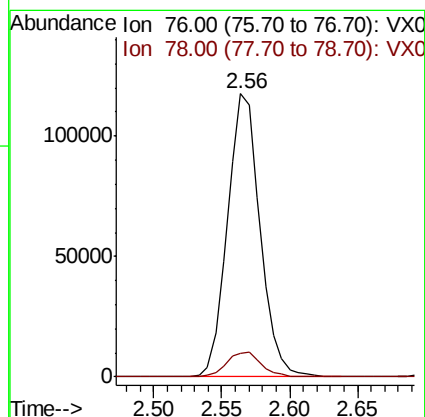
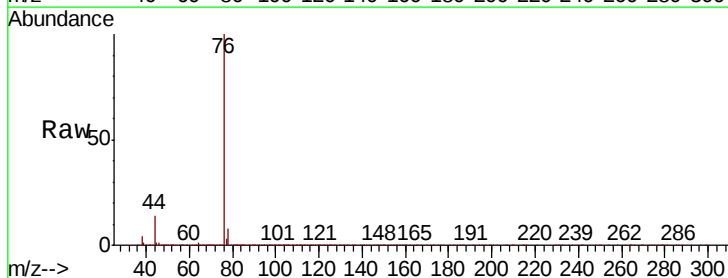
Acq: 07 Feb 2020 13:41

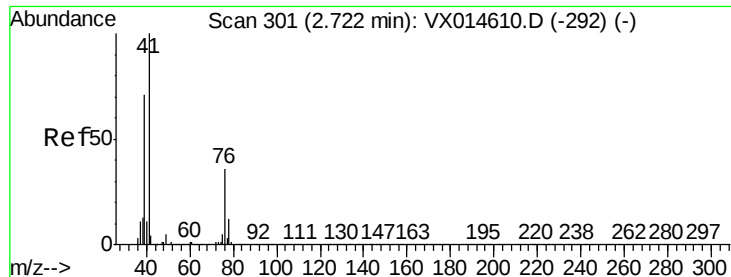
Tgt Ion: 76 Resp: 194773

Ion Ratio Lower Upper

76 100

78 8.4 7.8 11.8





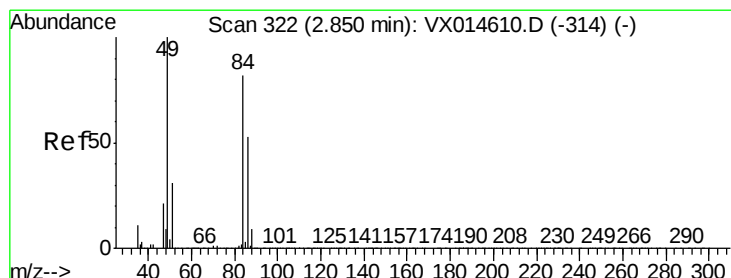
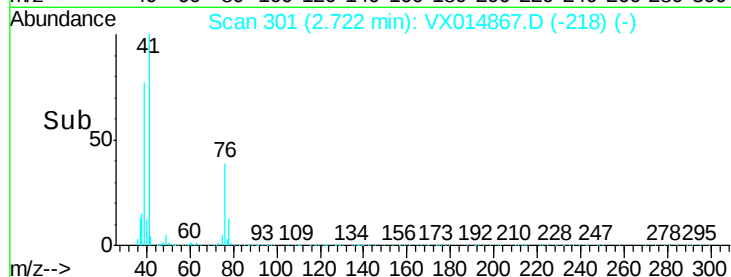
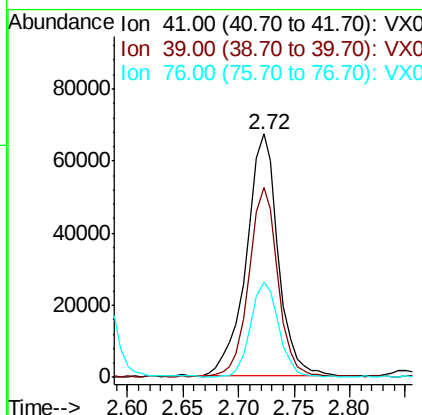
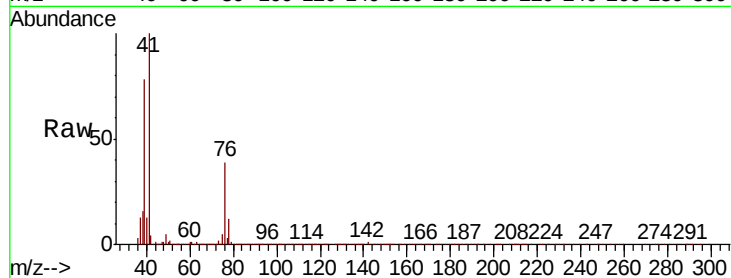
#17
Allvl chloride
Concen: 18.618 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.01 min
Lab File: VX014867.D
Acq: 07 Feb 2020 13:41

Instrument :
MSVOA_X
ClientSampleId :
VX0207WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		134322		
39	78.4	33.4	100.2		
76	38.6	17.0	50.9		

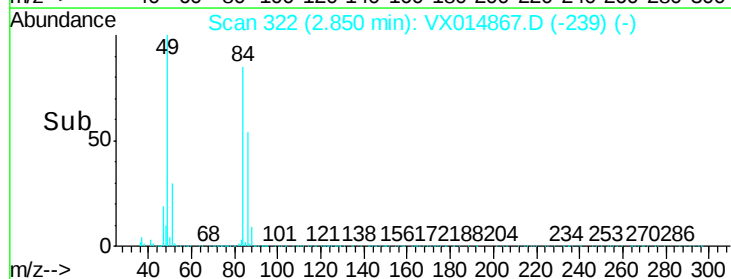
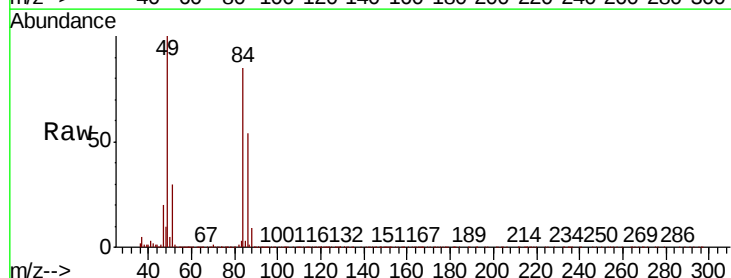
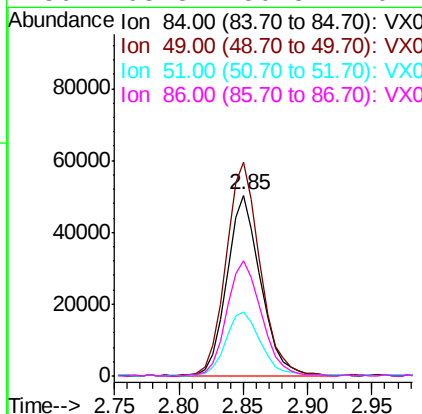
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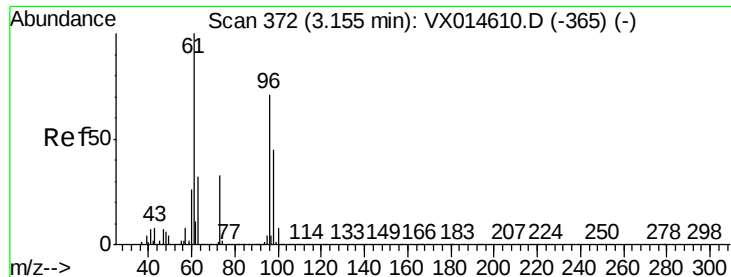
MMDadoda
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#18
Methylene Chloride
Concen: 20.063 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX014867.D
Acq: 07 Feb 2020 13:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
84	100		91536		
49	117.7	102.2	153.2		
51	35.2	31.4	47.0		
86	63.8	50.8	76.2		





#19

trans-1,2-Dichloroethene

Concen: 20.198 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014867.D

Acq: 07 Feb 2020 13:41

Instrument :

MSVOA_X

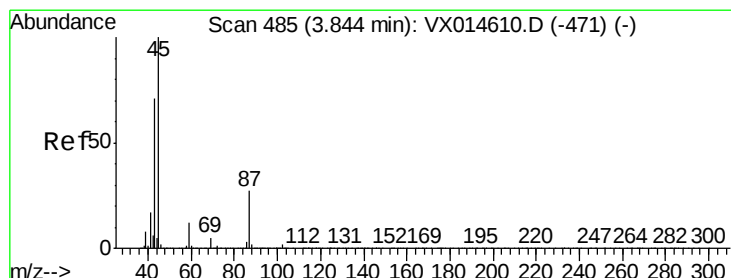
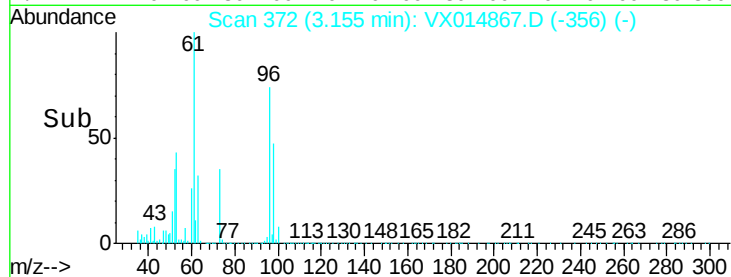
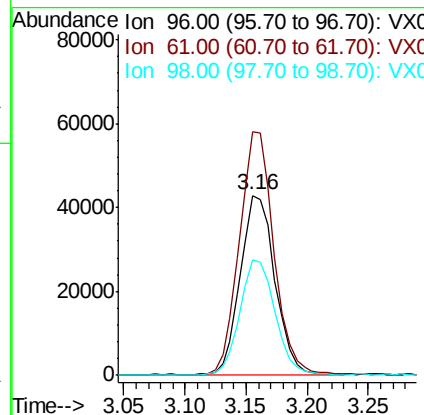
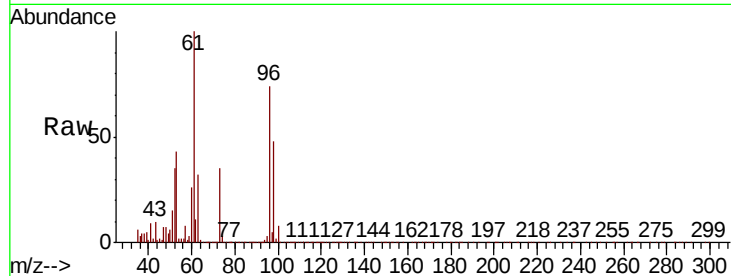
ClientSampleId :

VX0207WBSD01

Tot Ion:	96	Resp:	84763
Ion Ratio	Lower	Upper	
96	100		
61	135.0	106.6	159.8
98	64.3	51.6	77.4

Manual Integrations
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#20

Diisopropyl ether

Concen: 19.535 ug/l

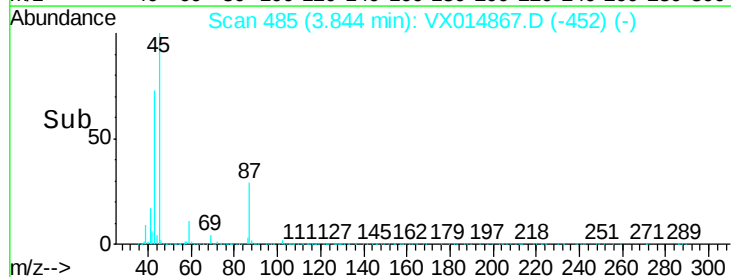
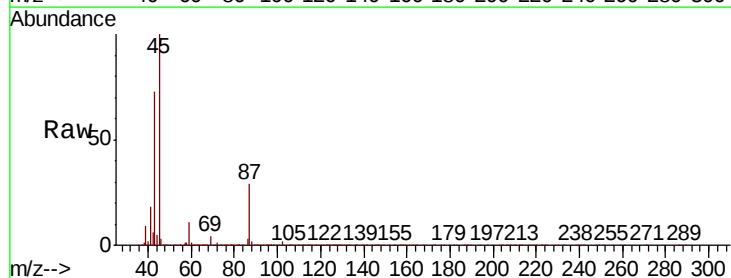
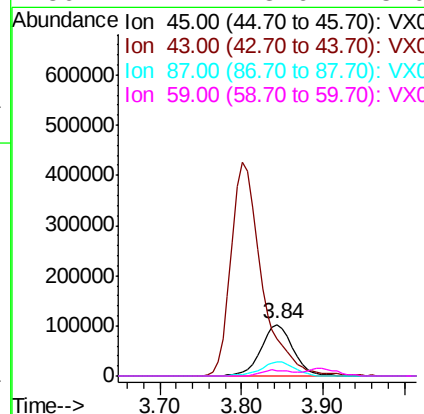
RT: 3.84 min Scan# 485

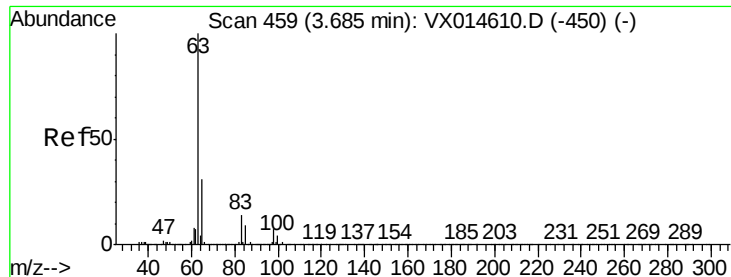
Delta R.T. 0.00 min

Lab File: VX014867.D

Acq: 07 Feb 2020 13:41

Tgt Ion:	45	Resp:	278841
Ion Ratio	Lower	Upper	
45	100		
43	73.2	55.9	83.9
87	28.5	22.2	33.2
59	11.2	8.6	13.0





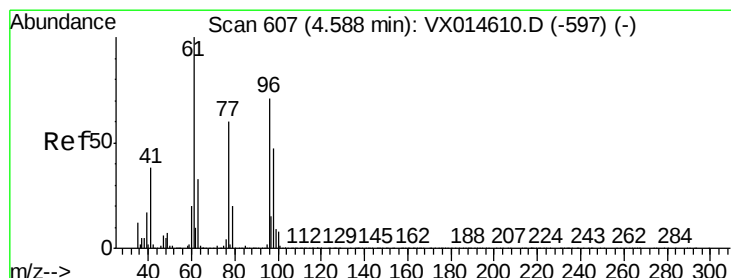
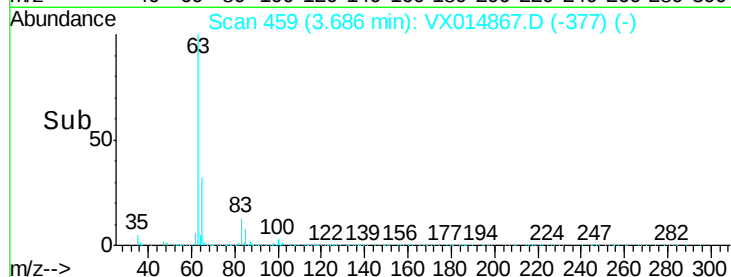
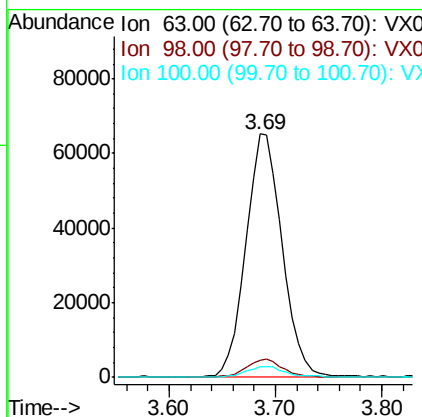
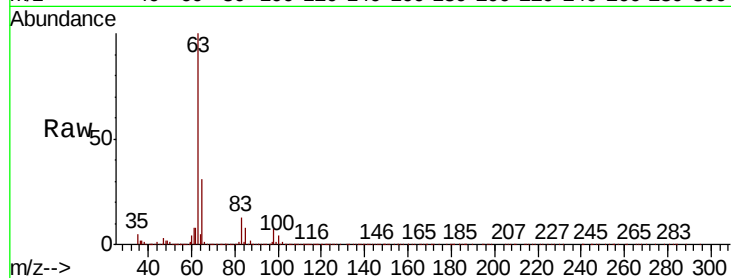
#21
1,1-Dichloroethane
Concen: 20.072 ug/l
RT: 3.69 min Scan# 459
Delta R.T. 0.00 min
Lab File: VX014867.D
Acq: 07 Feb 2020 13:41

Instrument :
MSVOA_X
ClientSampleId :
VX0207WBSD01

Tot Ion	Ratio	Resp Lower	Upper
63	100		
98	6.9	3.4	10.1
100	4.0	2.5	7.4

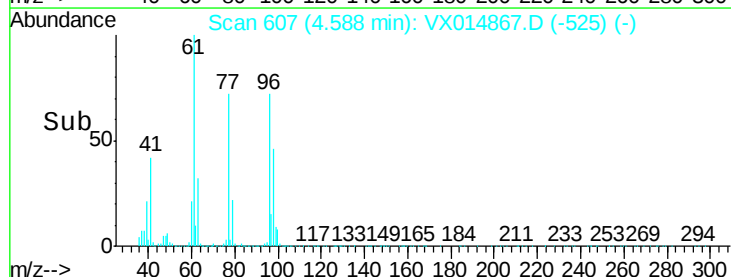
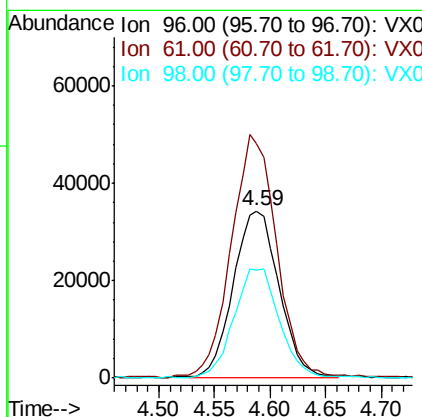
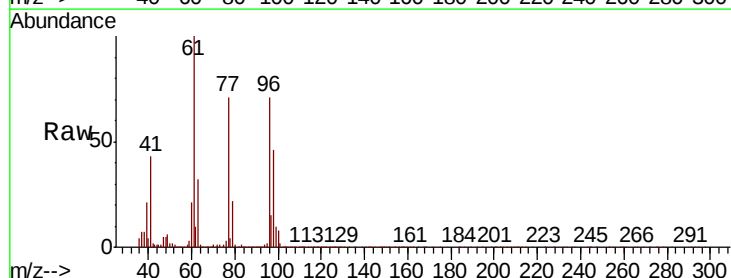
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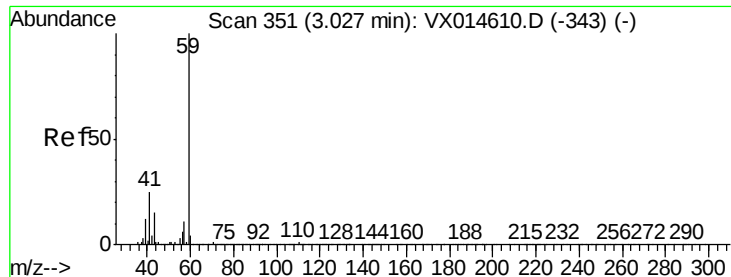
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#22
cis-1,2-Dichloroethene
Concen: 20.372 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX014867.D
Acq: 07 Feb 2020 13:41

Tgt Ion	Ratio	Resp Lower	Upper
96	100		
61	141.9	112.4	168.6
98	65.6	50.3	75.5





#23

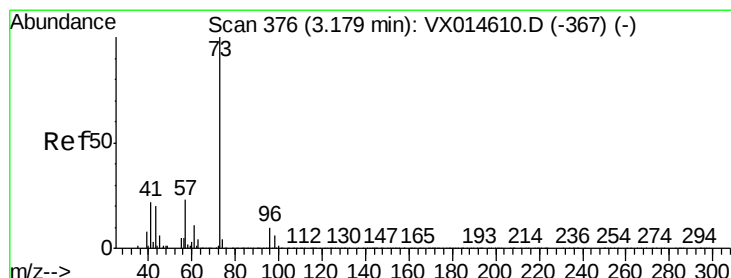
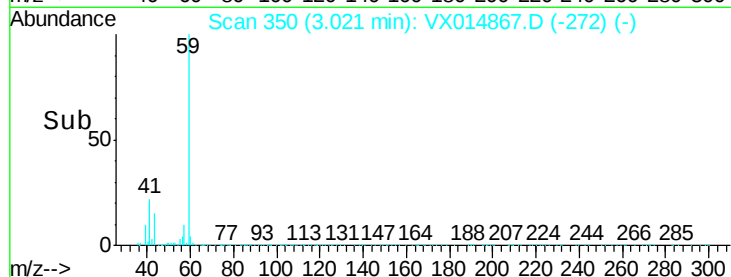
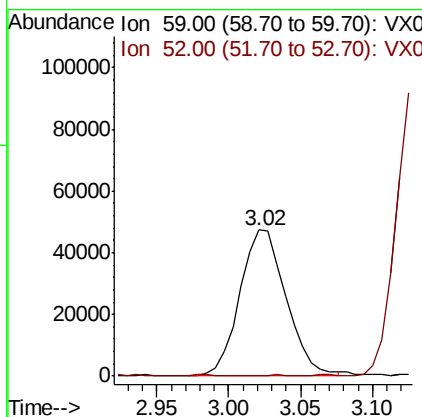
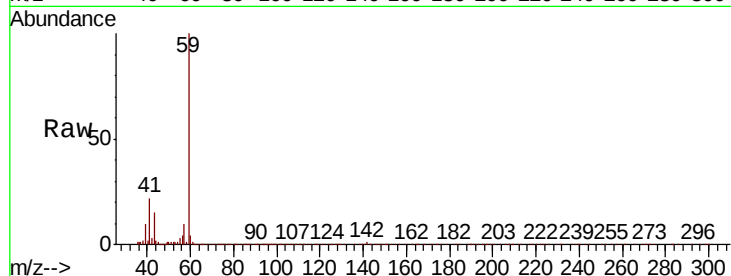
tert-Butyl Alcohol
Concen: 104.876 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.02 min
Lab File: VX014867.D
Acq: 07 Feb 2020 13:41

Instrument :
MSVOA_X
ClientSampleId :
VX0207WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.1	0.2	0.2#

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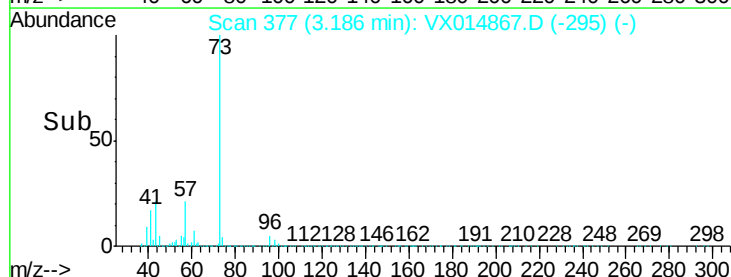
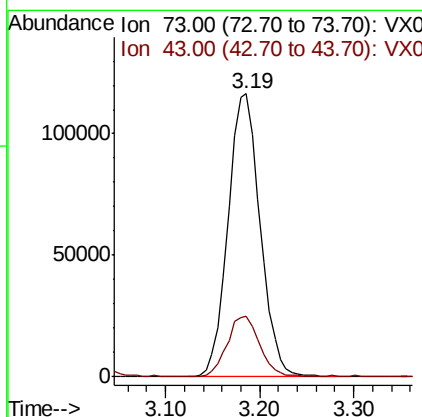
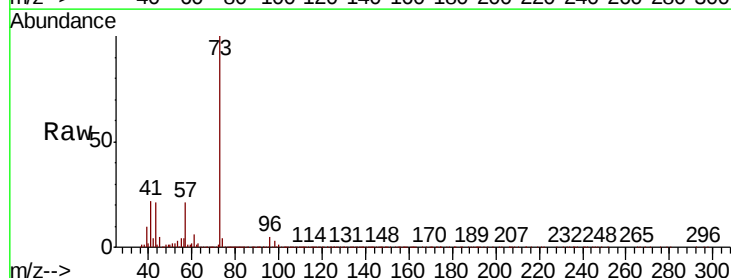
MMDadoda
2/10/2020 10:49:31 AM

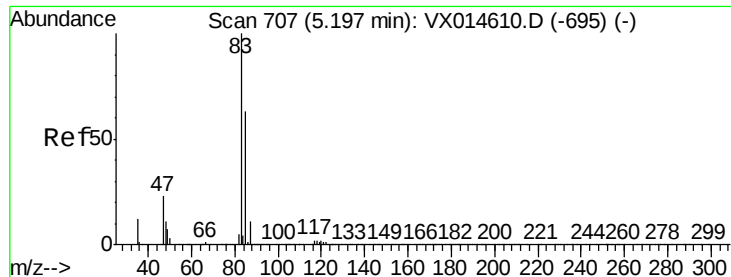


#24

Methyl tert-Butyl Ether
Concen: 21.150 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX014867.D
Acq: 07 Feb 2020 13:41

Tgt Ion	Ratio	Lower	Upper
73	100		
43	21.3	16.6	25.0





#25

Chloroform

Concen: 20.318 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX014867.D

Acq: 07 Feb 2020 13:41

Instrument :

MSVOA_X

ClientSampleId :

VX0207WBSD01

Tot Ion: 83 Resp: 152627

Ion Ratio Lower Upper

83 100

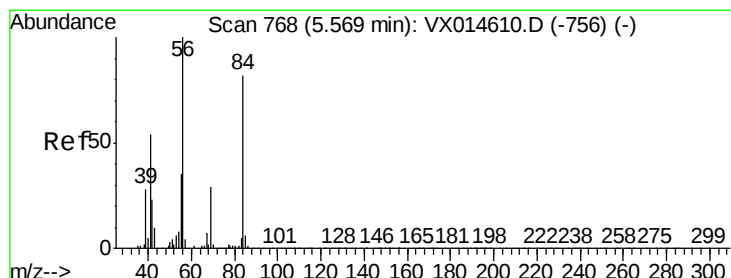
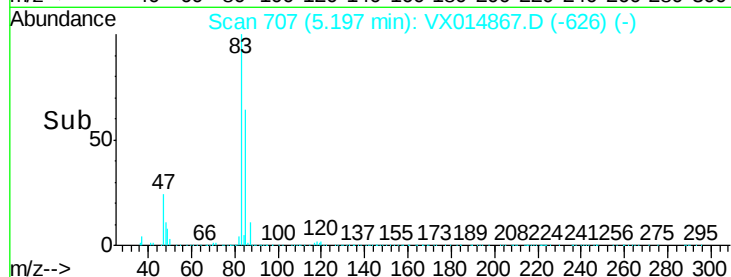
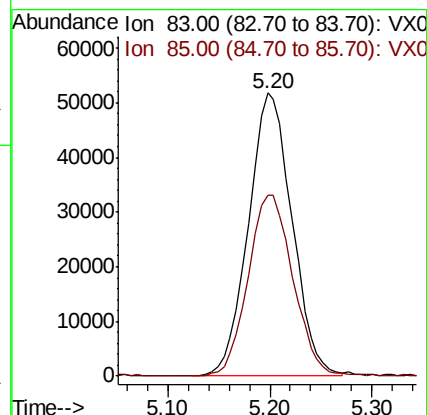
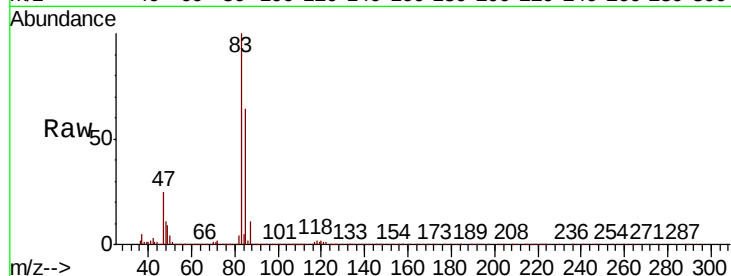
85 64.2 52.7 79.1

Manual Integrations

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#26

Cyclohexane

Concen: 18.781 ug/l

RT: 5.58 min Scan# 769

Delta R.T. 0.01 min

Lab File: VX014867.D

Acq: 07 Feb 2020 13:41

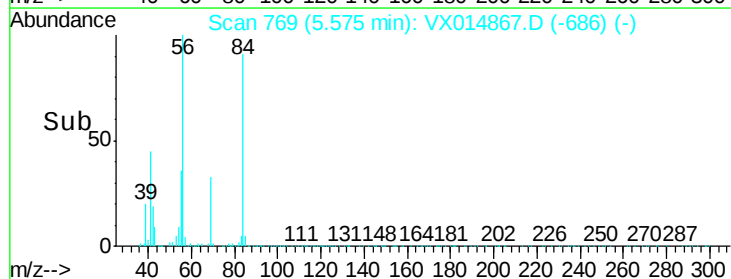
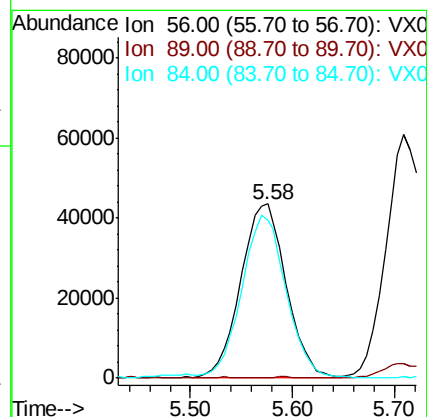
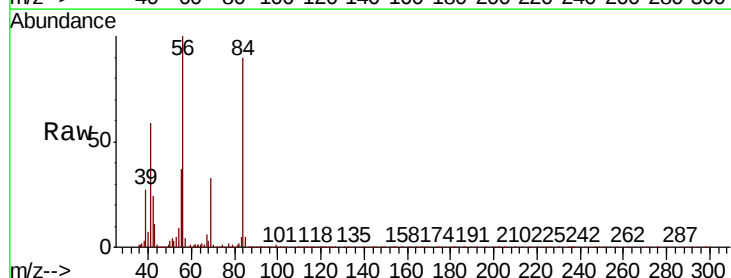
Tgt Ion: 56 Resp: 134341

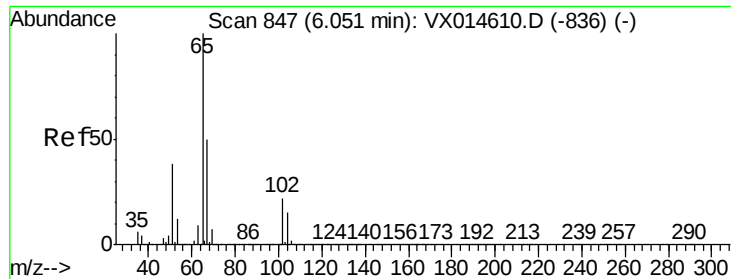
Ion Ratio Lower Upper

56 100

89 0.1 0.1 0.1#

84 91.2 70.8 106.2





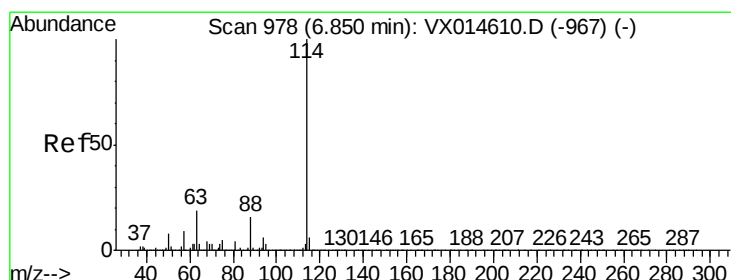
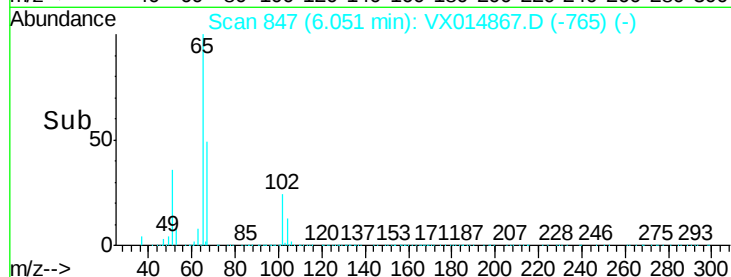
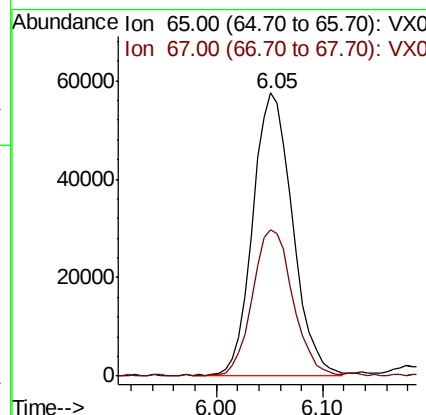
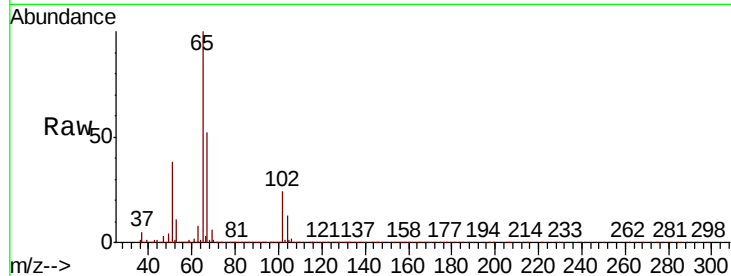
#27
 1,2-Dichloroethane-d4
 Concen: 30.532 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014867.D
 Acq: 07 Feb 2020 13:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0207WBSD01

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.5	43.1	64.7

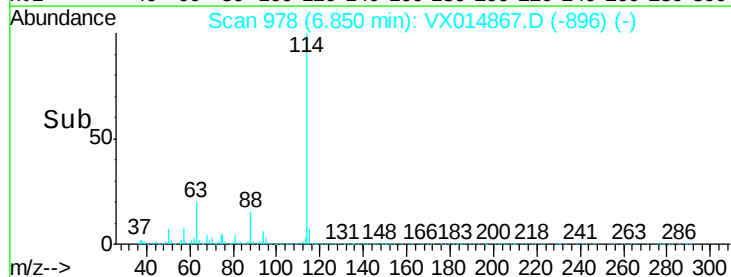
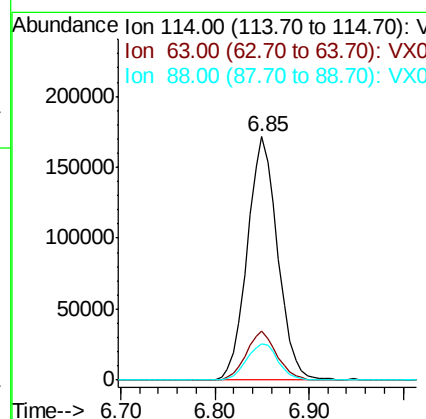
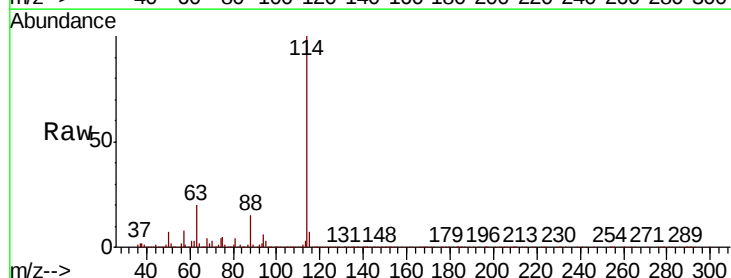
Manual Integrations
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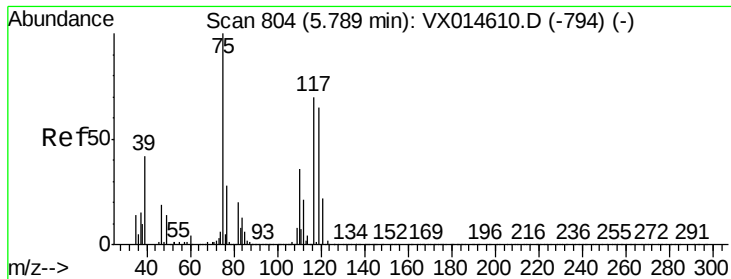
MMDadoda
 2/10/2020 10:49:31 AM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014867.D
 Acq: 07 Feb 2020 13:41

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.9	16.1	24.1
88	15.6	12.5	18.7





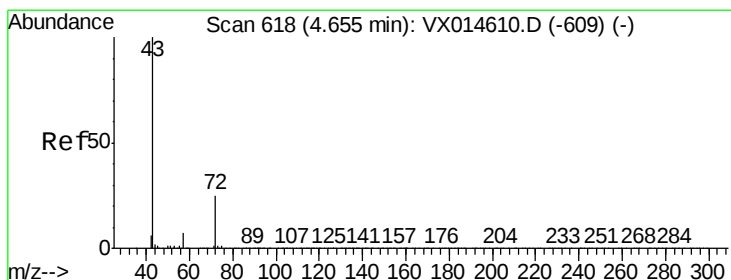
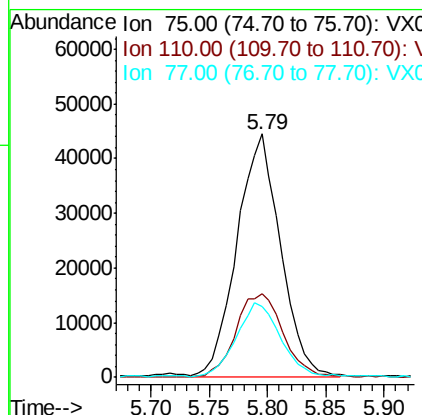
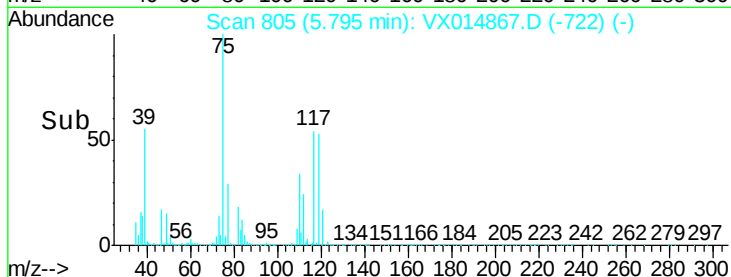
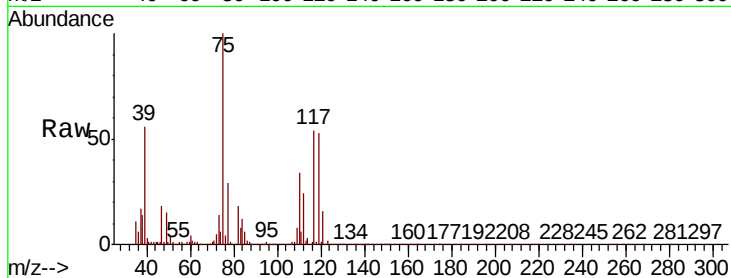
#29
 1,1-Dichloropropene
 Concen: 20.329 ug/l
 RT: 5.79 min Scan# 805
 Delta R.T. 0.01 min
 Lab File: VX014867.D
 Acq: 07 Feb 2020 13:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0207WBSD01

Tot Ion:	75	Resp:	115279
Ion Ratio	Lower	Upper	
75	100		
110	37.1	0.0	73.8
77	30.5	0.0	62.4

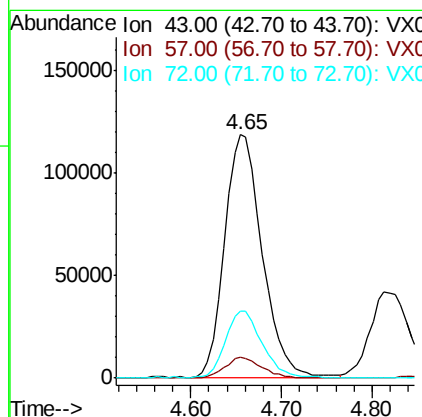
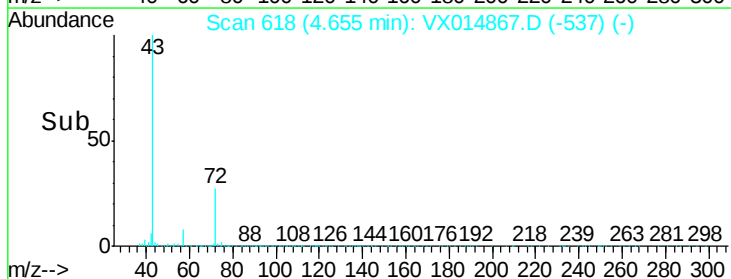
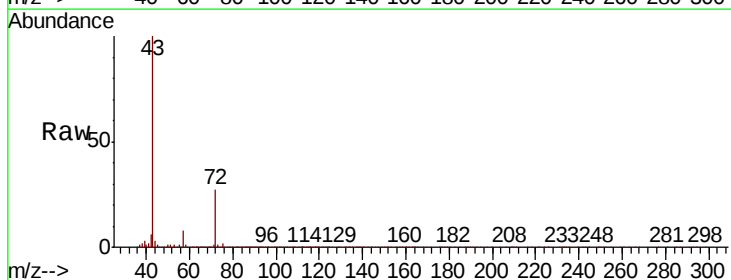
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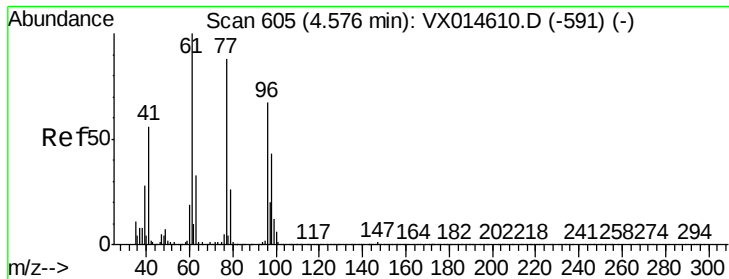
MMDadoda
 2/10/2020 10:49:31 AM



#30
 2-Butanone
 Concen: 94.475 ug/l
 RT: 4.65 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: VX014867.D
 Acq: 07 Feb 2020 13:41

Tgt Ion:	43	Resp:	339369
Ion Ratio	Lower	Upper	
43	100		
57	8.0	6.2	9.2
72	26.4	20.3	30.5





#31

2,2-Dichloropropane

Concen: 21.667 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX014867.D

Acq: 07 Feb 2020 13:41

Instrument :

MSVOA_X

ClientSampleId :

VX0207WBSD01

Tot Ion: 77 Resp: 131468

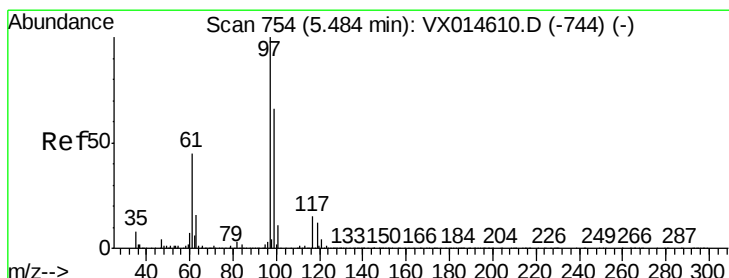
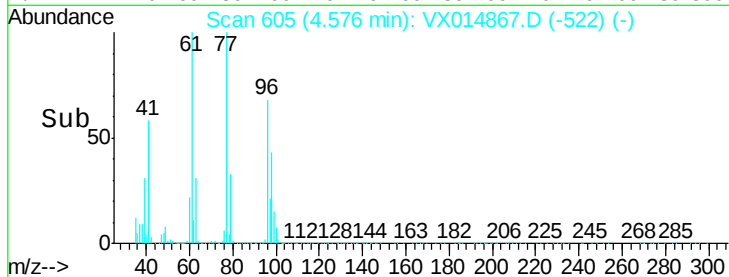
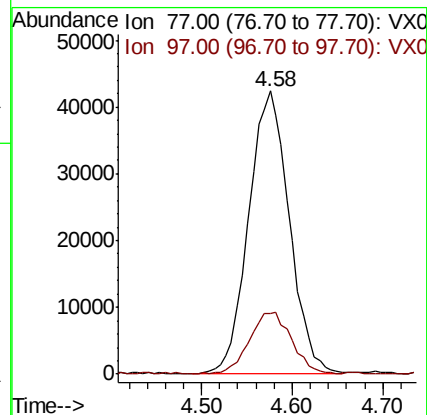
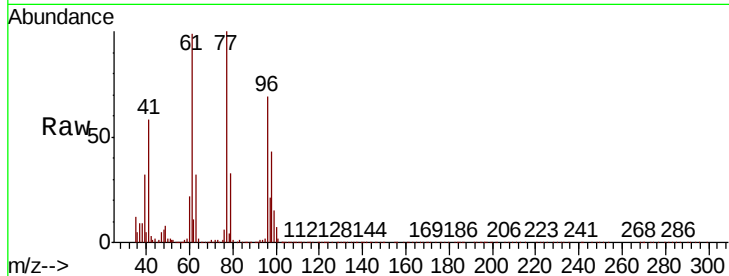
Ion Ratio Lower Upper

77 100

97 22.7 19.7 29.5

Manual Integrations
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MMDadoda
2/10/2020 10:49:31 AM



#32

1,1,1-Trichloroethane

Concen: 21.457 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX014867.D

Acq: 07 Feb 2020 13:41

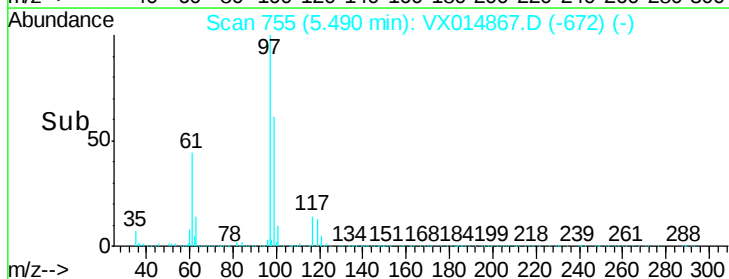
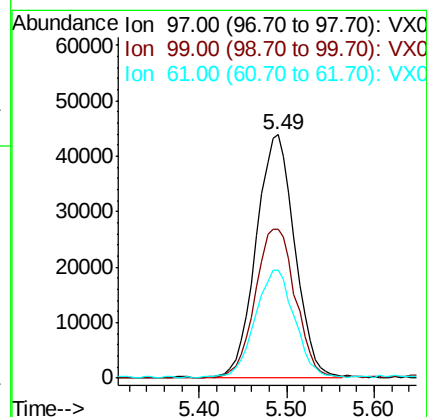
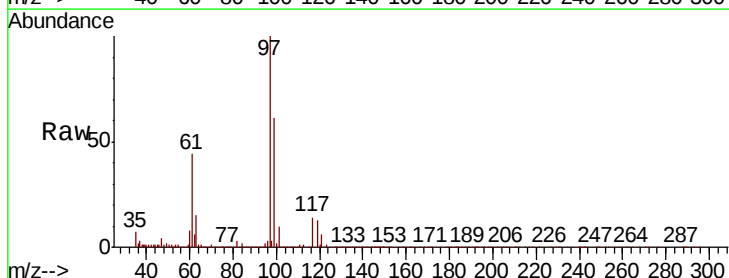
Tgt Ion: 97 Resp: 134615

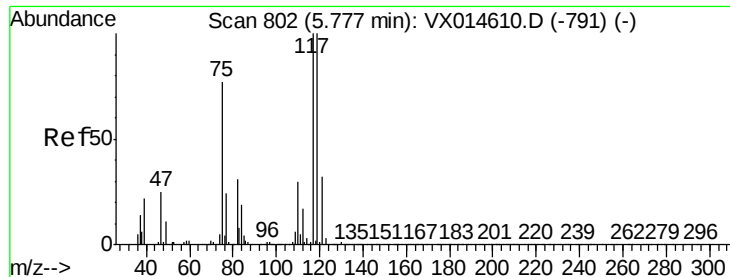
Ion Ratio Lower Upper

97 100

99 63.7 51.9 77.9

61 44.8 36.8 55.2





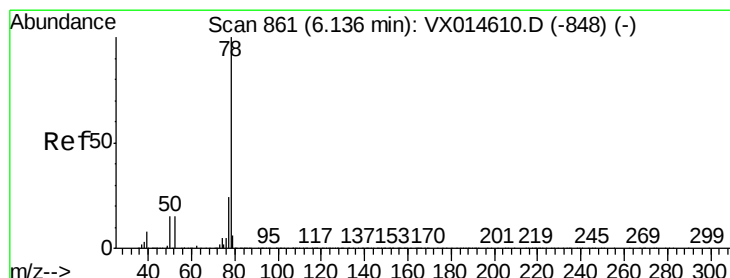
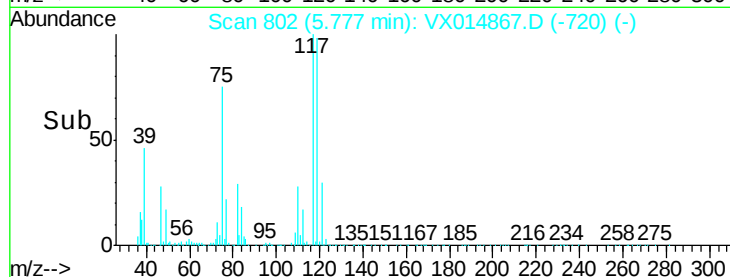
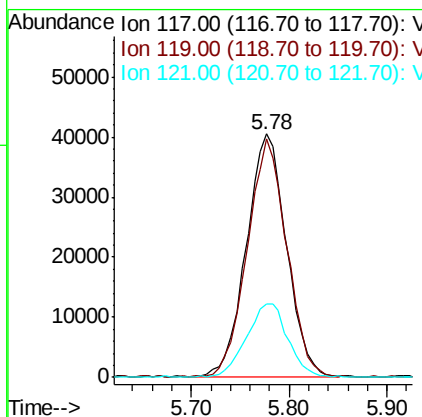
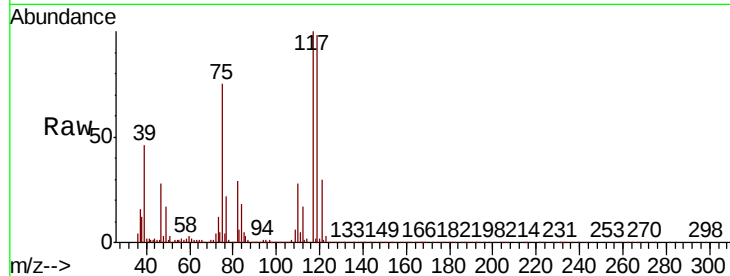
#33
Carbon Tetrachloride
Concen: 21.387 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014867.D
Acq: 07 Feb 2020 13:41

Instrument :
MSVOA_X
ClientSampleId :
VX0207WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
119	98.0	77.2	115.8
121	29.8	24.8	37.2

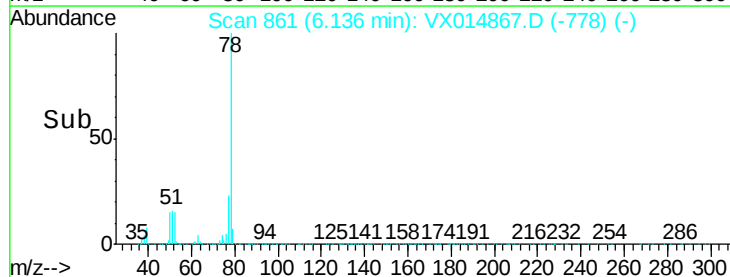
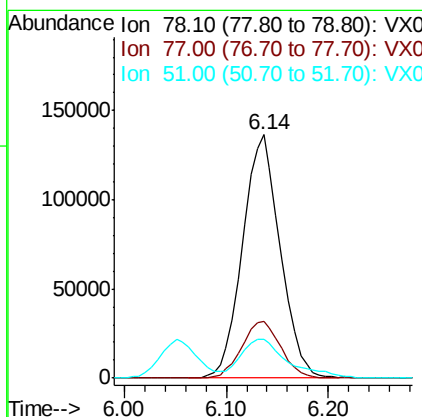
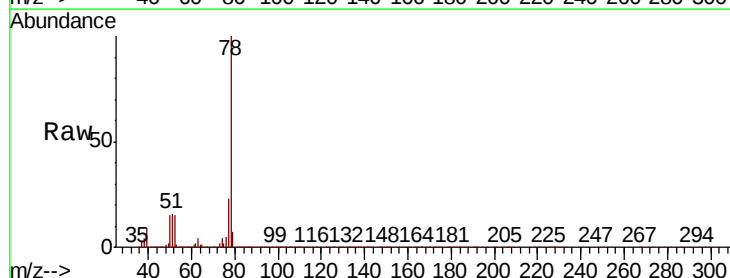
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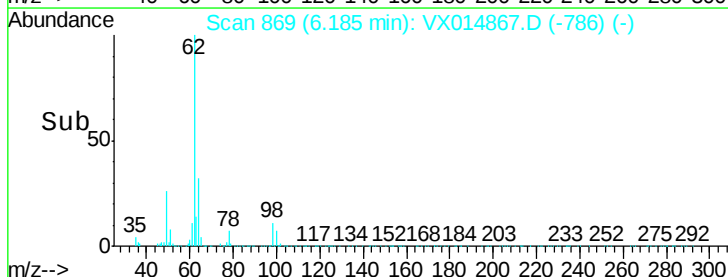
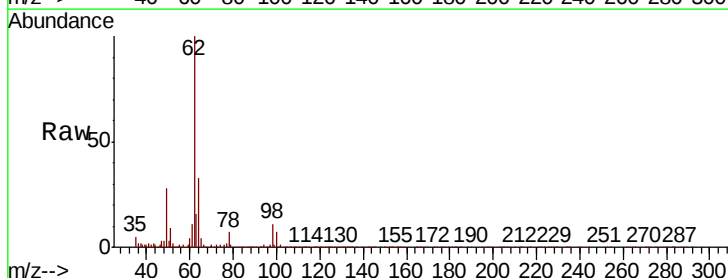
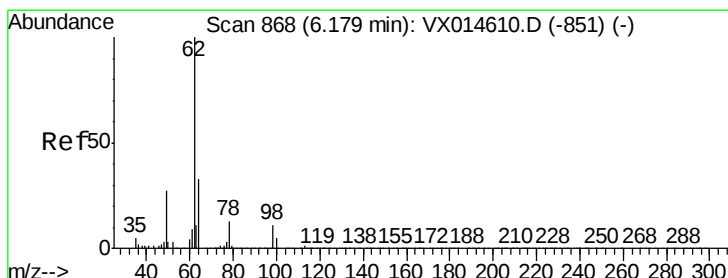
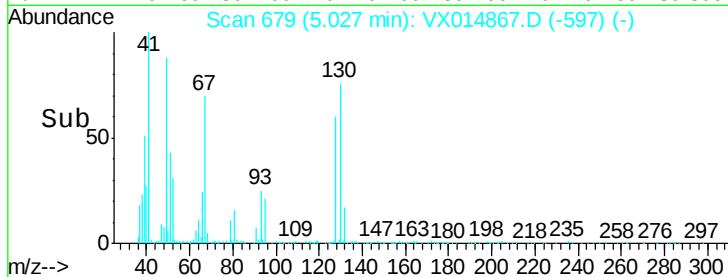
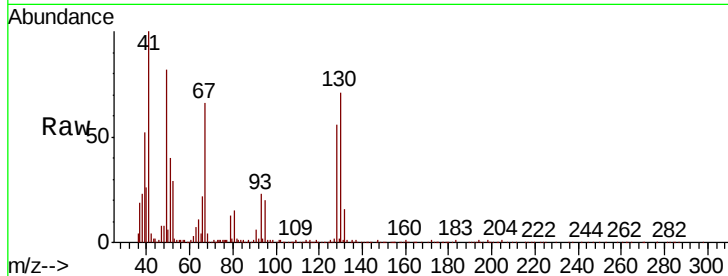
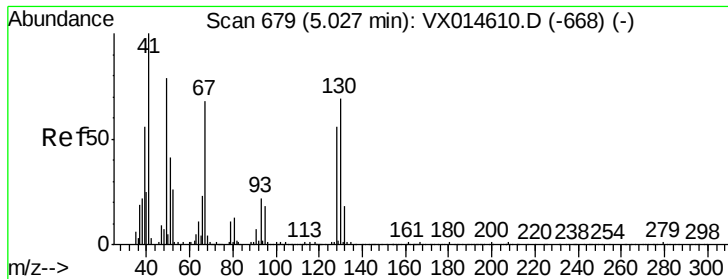
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#34
Benzene
Concen: 19.957 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014867.D
Acq: 07 Feb 2020 13:41

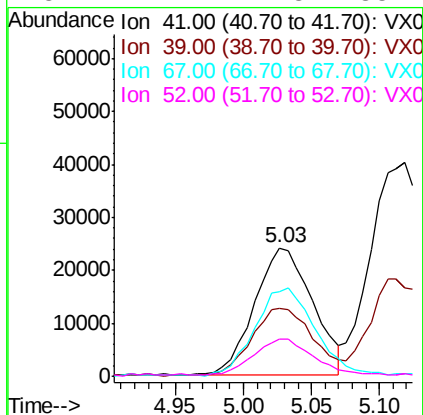
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.2	27.2
51	14.6	12.4	18.6





#35
Methacrylonitrile
Concen: 19.949 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX014867.D
Acq: 07 Feb 2020 13:41

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	51.7	26.7	80.1	
67	65.1	31.5	94.5	
52	27.2	12.8	38.4	



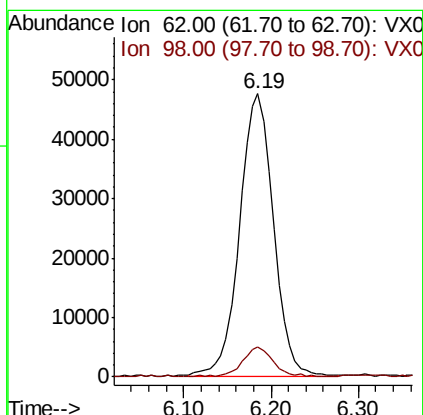
Instrument :
MSVOA_X
ClientSampleId :
VX0207WBSD01

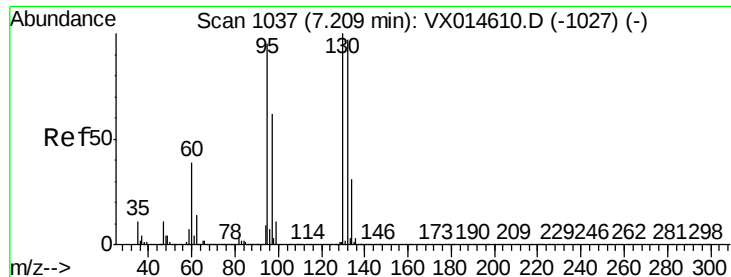
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#36
1,2-Dichloroethane
Concen: 20.800 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX014867.D
Acq: 07 Feb 2020 13:41

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.5	8.4	12.6	





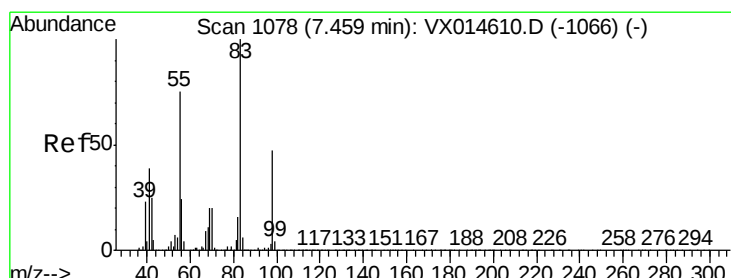
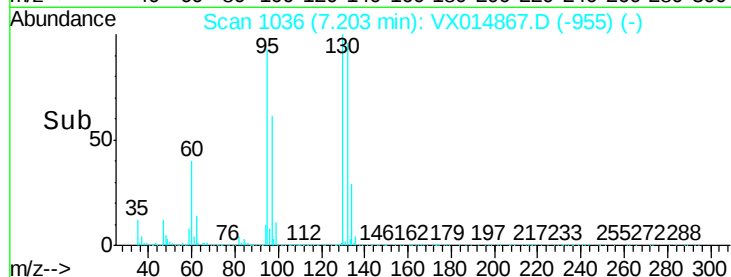
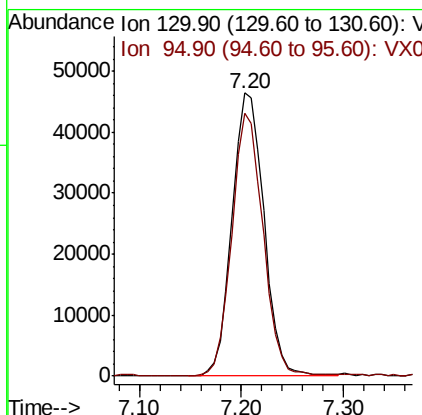
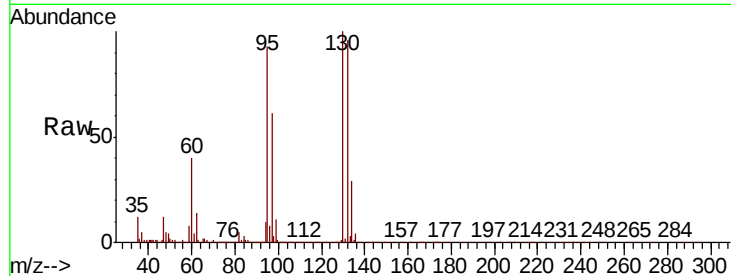
#37
 Trichloroethene
 Concen: 21.029 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014867.D
 Acq: 07 Feb 2020 13:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0207WBSD01

Tot Ion	Ratio	Lower	Upper
130	100		
95	92.9	71.7	107.5

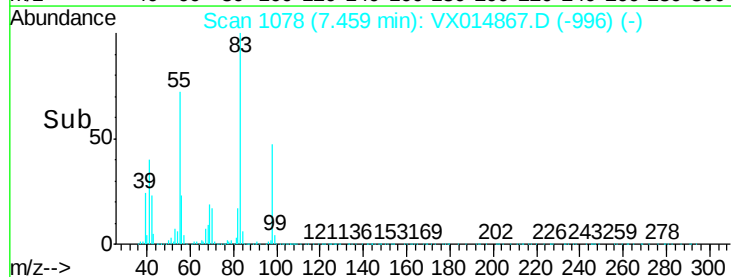
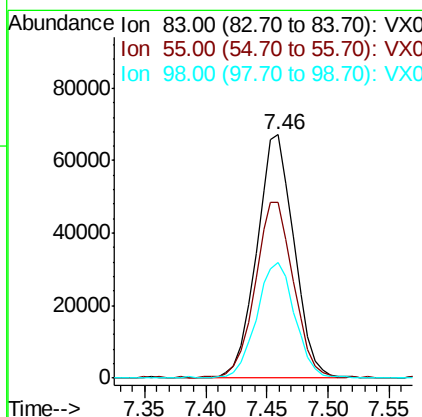
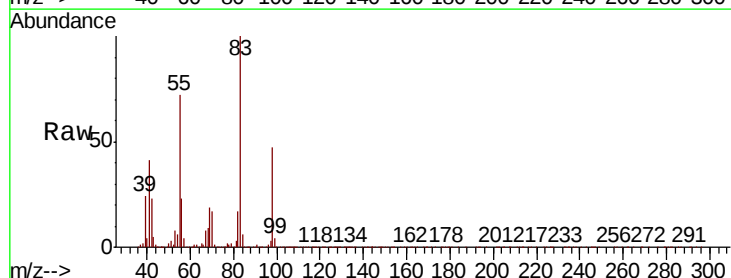
Manual Integrations
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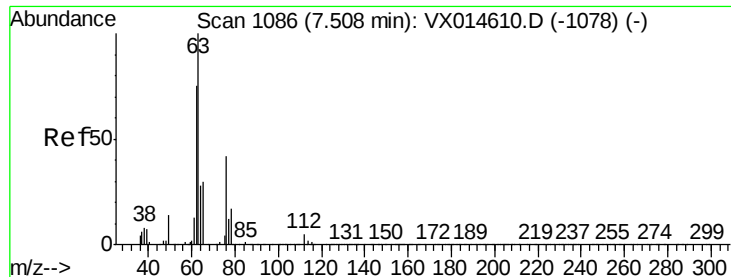
MMDadoda
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#38
 Methylcyclohexane
 Concen: 20.176 ug/l
 RT: 7.46 min Scan# 1078
 Delta R.T. 0.00 min
 Lab File: VX014867.D
 Acq: 07 Feb 2020 13:41

Tgt Ion	Ratio	Lower	Upper
83	100		
55	73.2	39.4	118.1
98	48.4	25.1	75.3





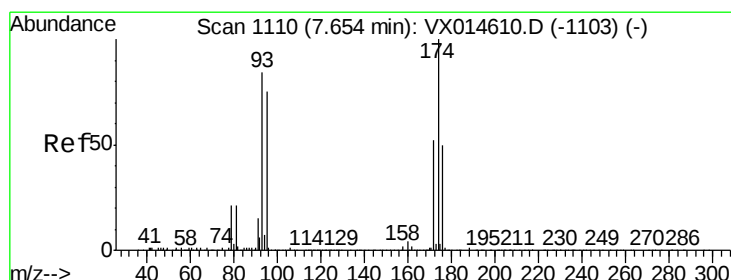
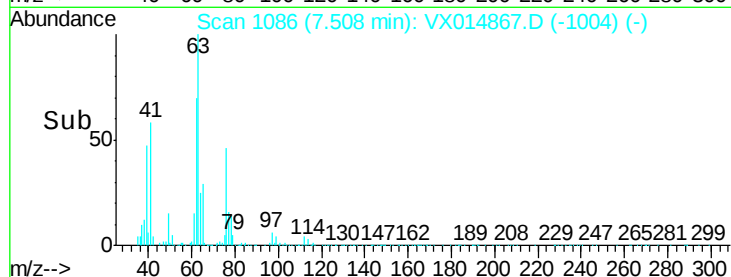
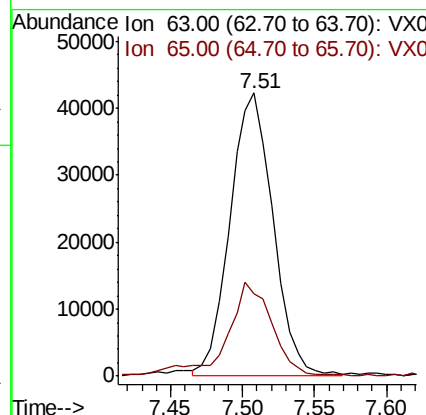
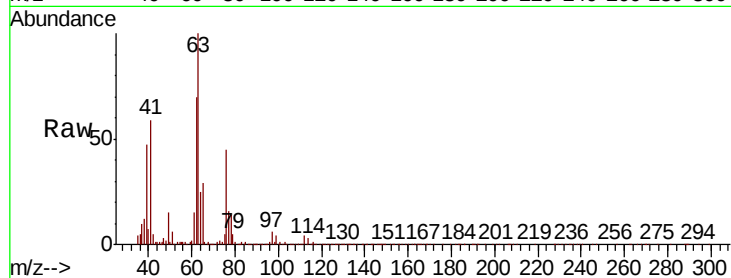
#39
 1,2-Dichloropropane
 Concen: 19.111 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014867.D
 Acq: 07 Feb 2020 13:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0207WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	28.7	22.1	33.1

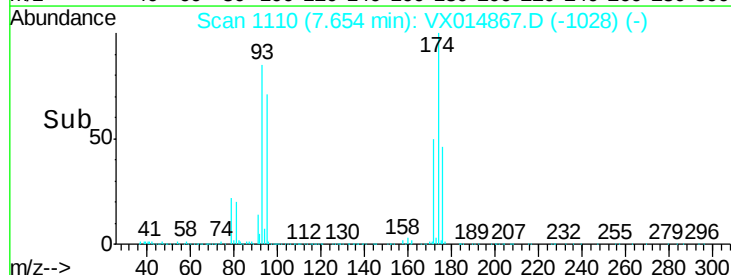
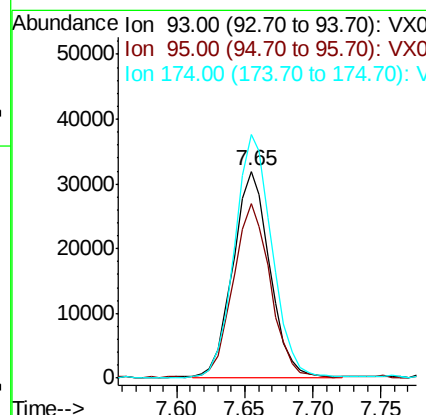
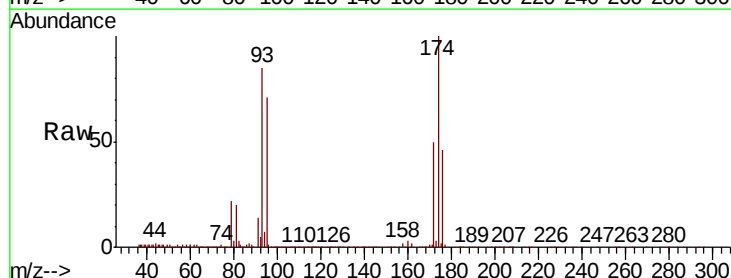
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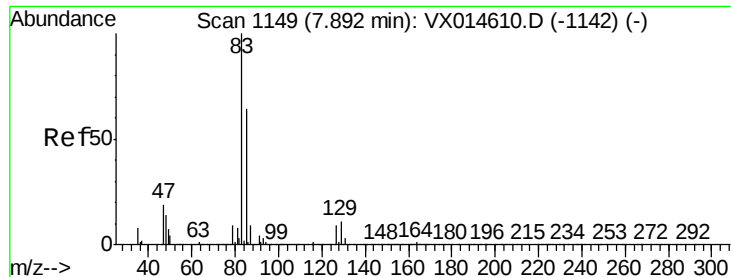
MMDadoda
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#40
 Dibromomethane
 Concen: 20.665 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014867.D
 Acq: 07 Feb 2020 13:41

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.1	0.0	164.4
174	120.1	0.0	228.8





#41

Bromodichloromethane

Concen: 20.610 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014867.D

Acq: 07 Feb 2020 13:41

Instrument :

MSVOA_X

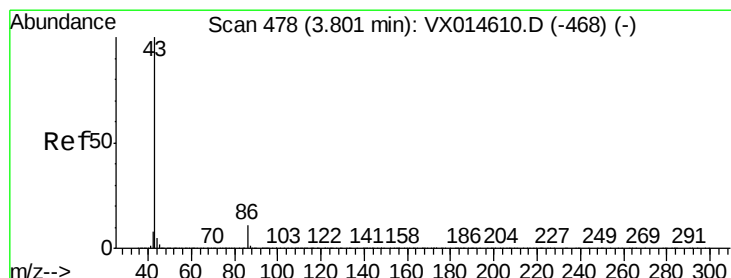
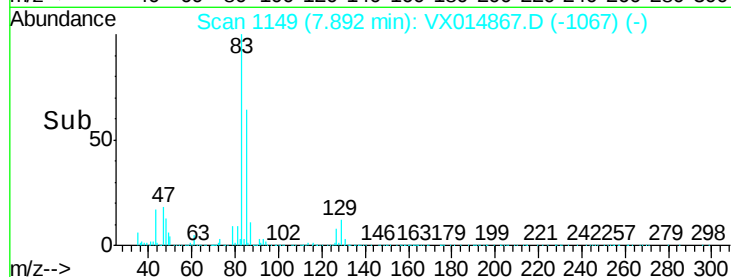
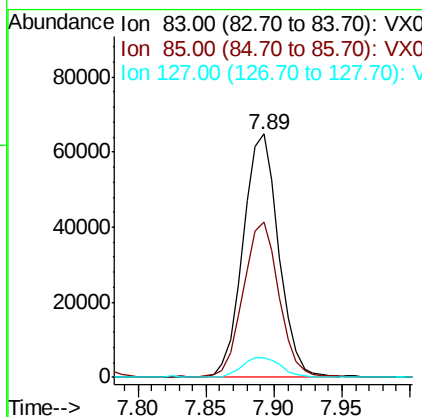
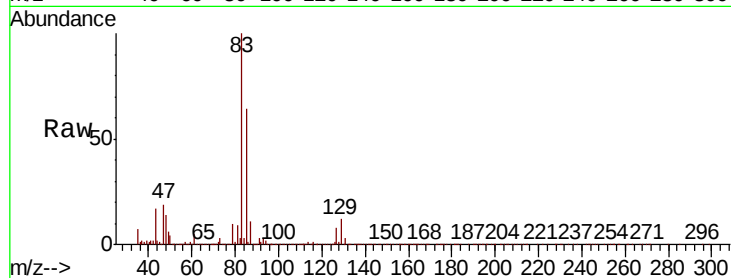
ClientSampleId :

VX0207WBSD01

Tot Ion:	83	Resp:	118190
Ion Ratio	Lower	Upper	
83	100		
85	63.6	51.6	77.4
127	8.0	6.0	9.0

Manual Integrations
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2/10/2020 10:49:31 AM



#42

Vinyl Acetate

Concen: 100.327 ug/l

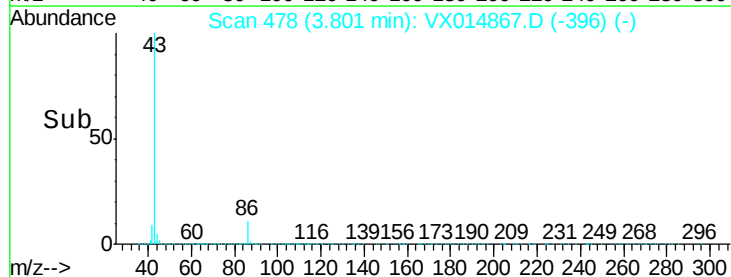
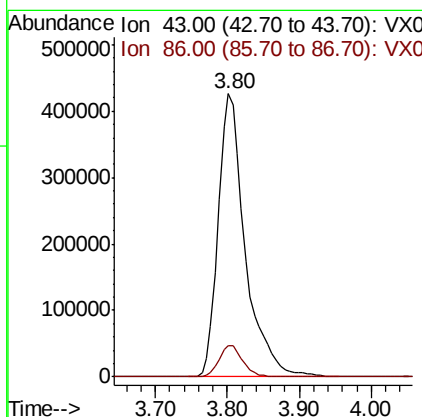
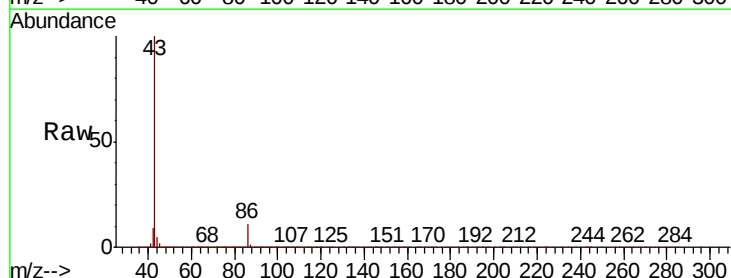
RT: 3.80 min Scan# 478

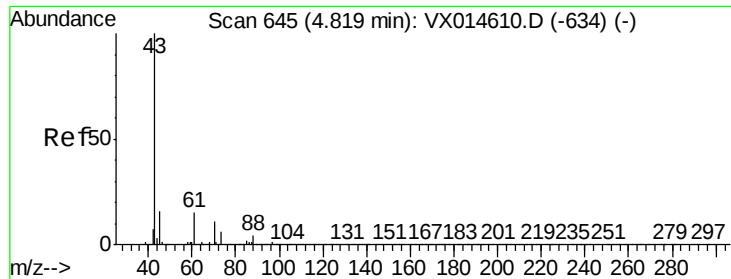
Delta R.T. 0.00 min

Lab File: VX014867.D

Acq: 07 Feb 2020 13:41

Tgt Ion:	43	Resp:	1110801
Ion Ratio	Lower	Upper	
43	100		
86	9.7	7.7	11.5





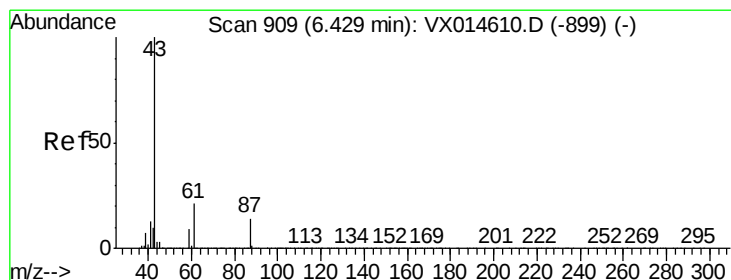
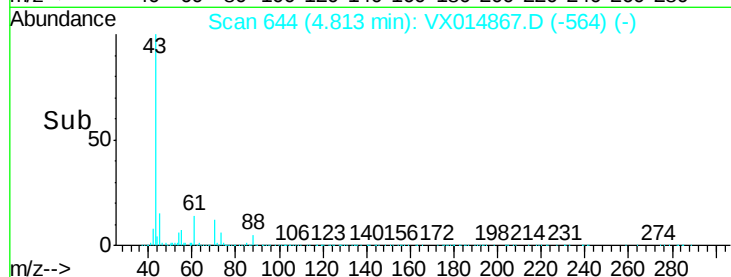
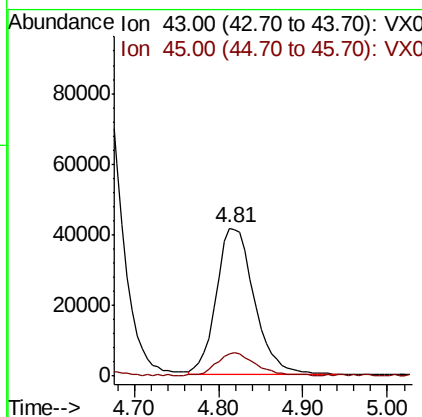
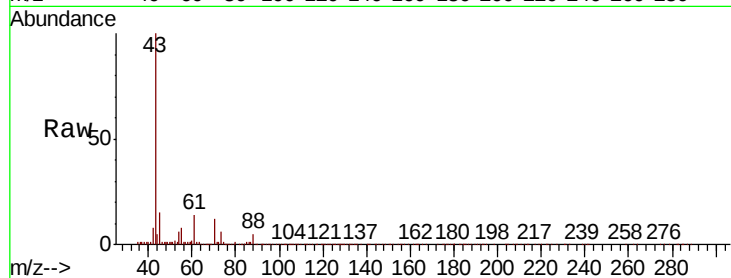
#43
Ethyl Acetate
Concen: 19.610 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014867.D
Acq: 07 Feb 2020 13:41

Instrument :
MSVOA_X
ClientSampleId :
VX0207WBSD01

Tot Ion	43	Ratio	Lower	Upper
127522	100			
45	15.5	11.8	17.8	

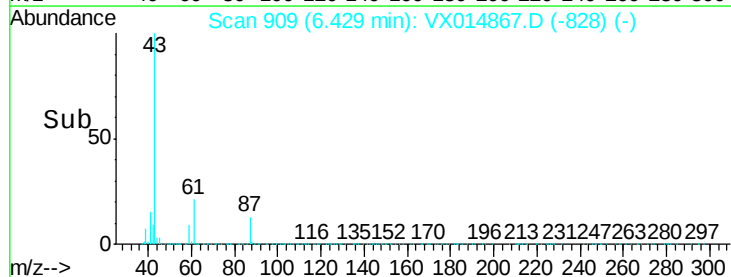
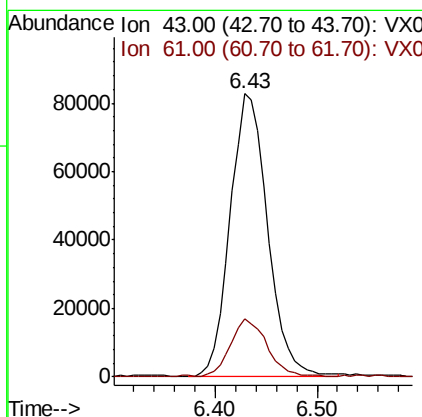
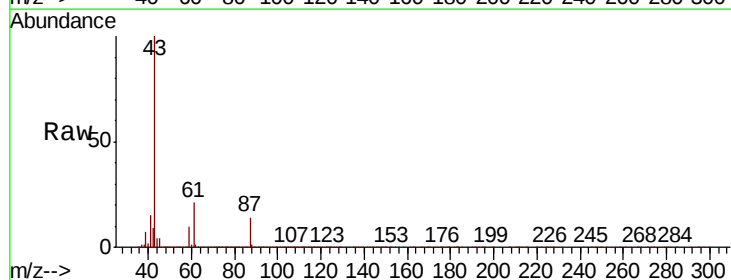
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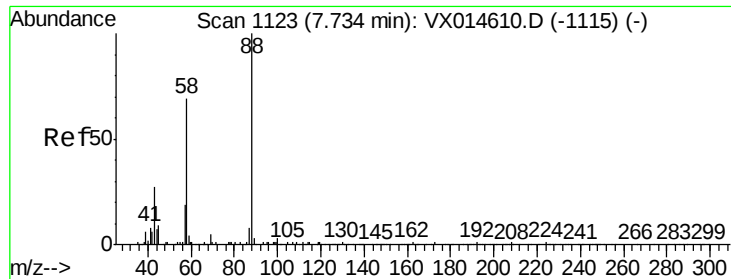
MMDadoda
2/10/2020 10:49:31 AM



#44
Isopropyl Acetate
Concen: 19.990 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX014867.D
Acq: 07 Feb 2020 13:41

Tgt Ion	43	Ratio	Lower	Upper
209703	100			
61	19.7	15.9	23.9	





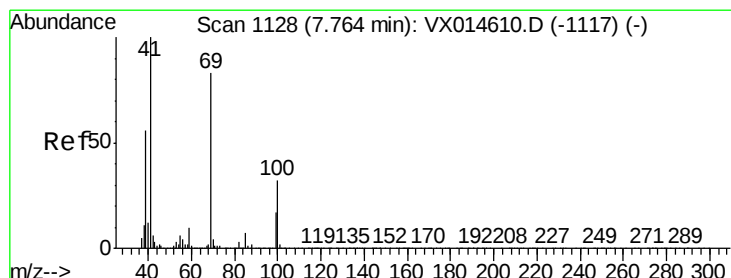
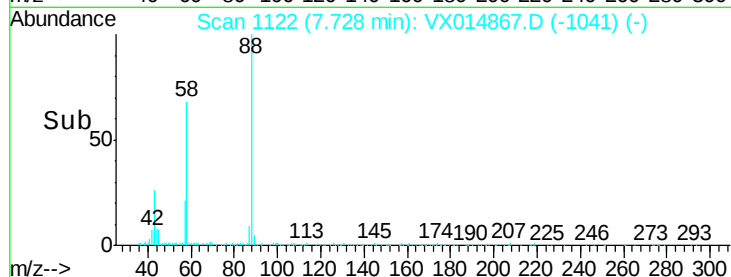
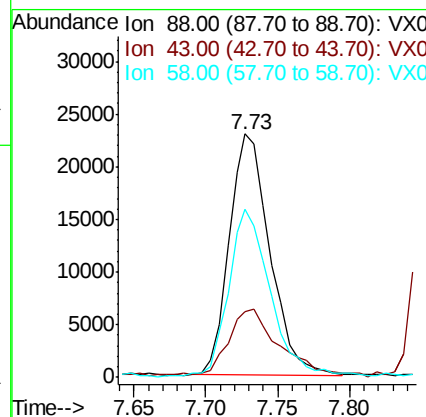
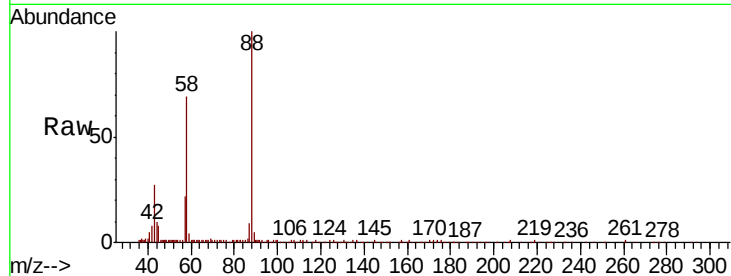
#45
1,4-Dioxane
Concen: 428.232 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX014867.D
Acq: 07 Feb 2020 13:41

Instrument :
MSVOA_X
ClientSampleId :
VX0207WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.2	25.4	38.2
58	69.6	56.5	84.7

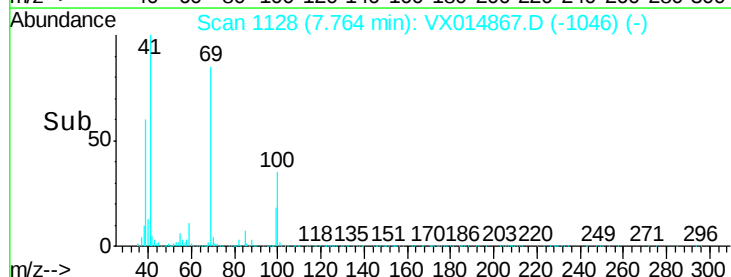
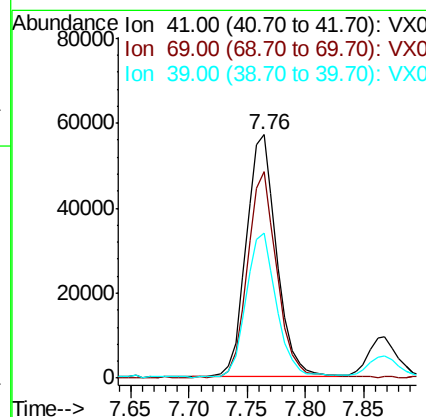
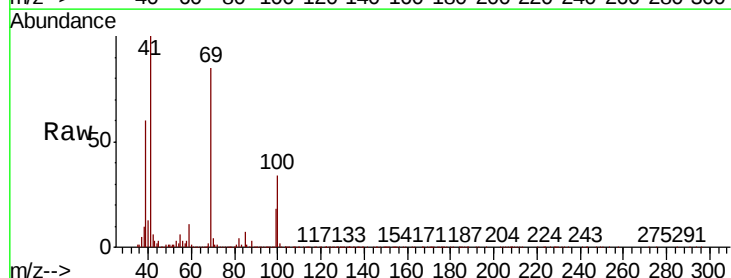
Manual Integrations
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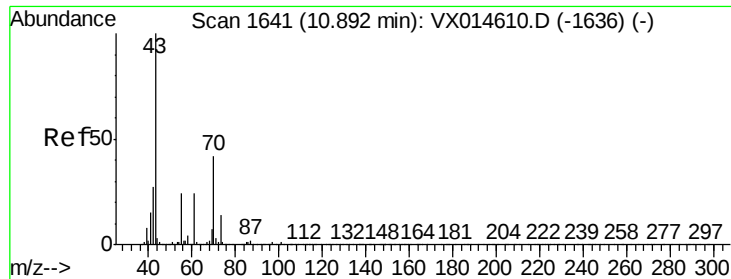
MMDadoda
2/10/2020 10:49:31 AM



#46
Methyl methacrylate
Concen: 20.125 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX014867.D
Acq: 07 Feb 2020 13:41

Tgt Ion	Ratio	Lower	Upper
41	100		
69	85.1	40.6	122.0
39	59.7	27.8	83.3





#47

n-amvl Acetate

Concen: 20.061 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014867.D

Acq: 07 Feb 2020 13:41

Instrument :

MSVOA_X

ClientSampleId :

VX0207WBSD01

Tot Ion: 43 Resp: 176334

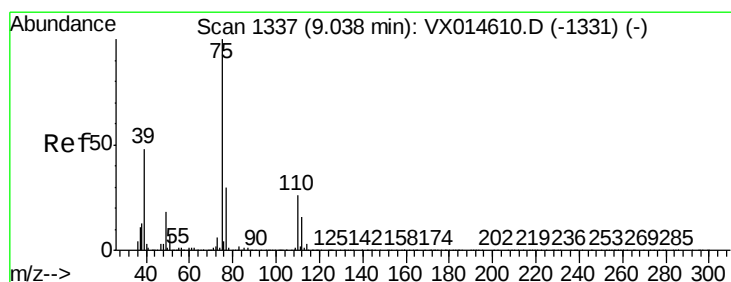
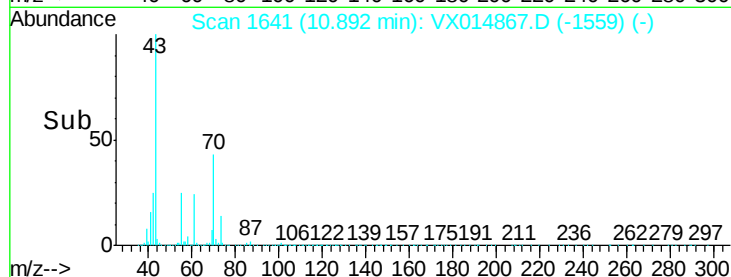
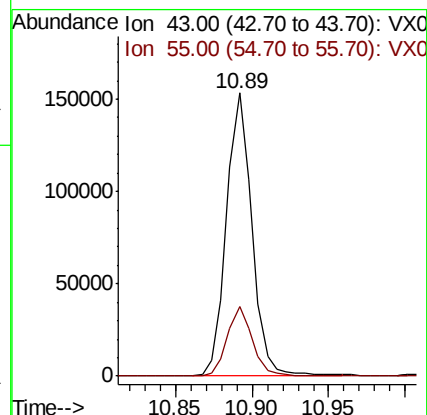
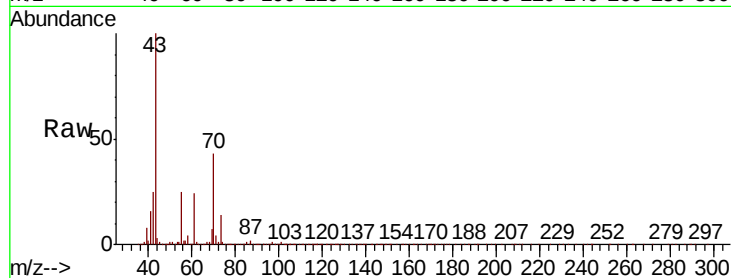
Ion Ratio Lower Upper

43 100

55 24.8 19.4 29.2

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#48

t-1,3-Dichloropropene

Concen: 21.158 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014867.D

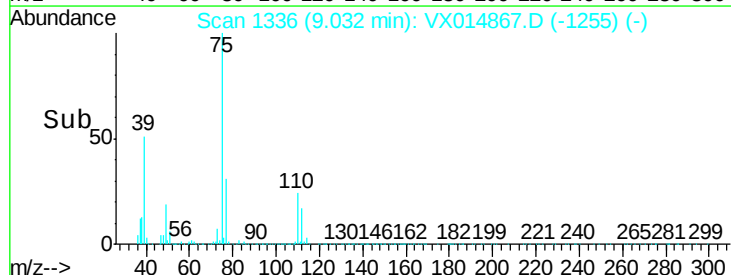
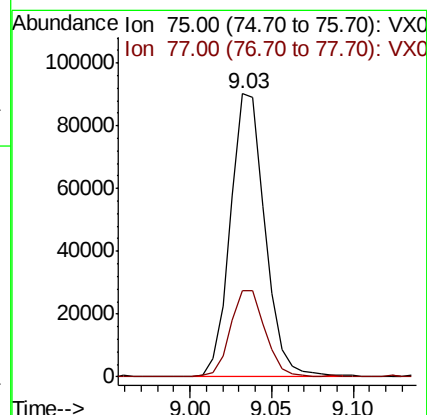
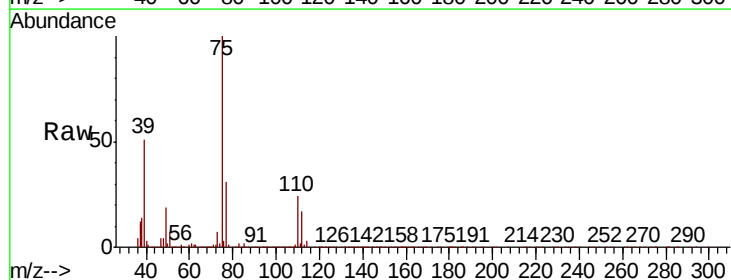
Acq: 07 Feb 2020 13:41

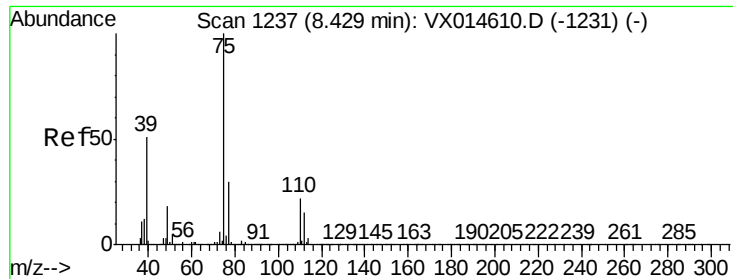
Tgt Ion: 75 Resp: 132468

Ion Ratio Lower Upper

75 100

77 30.3 26.0 39.0





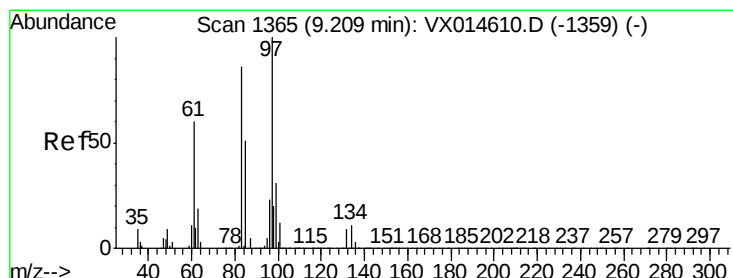
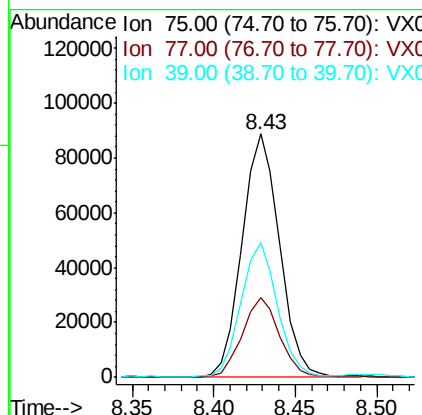
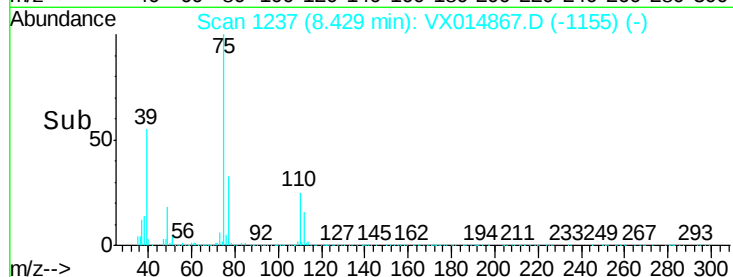
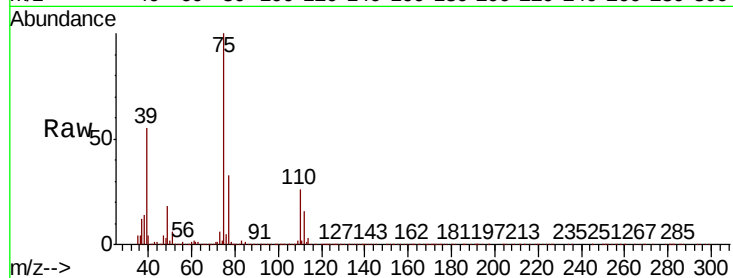
#49
 cis-1,3-Dichloropropene
 Concen: 20.185 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX014867.D
 Acq: 07 Feb 2020 13:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0207WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.7	24.8	37.2
39	55.1	41.1	61.7

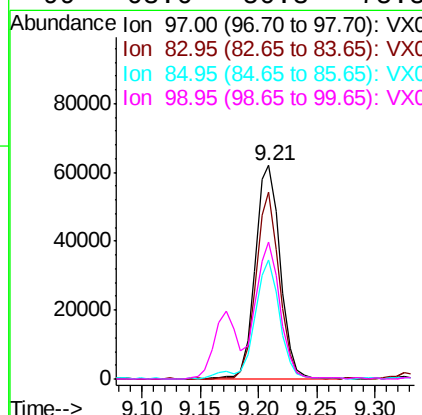
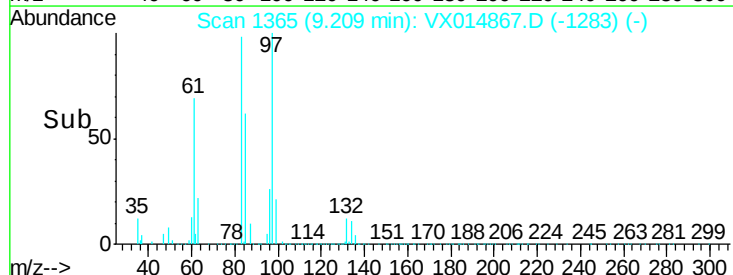
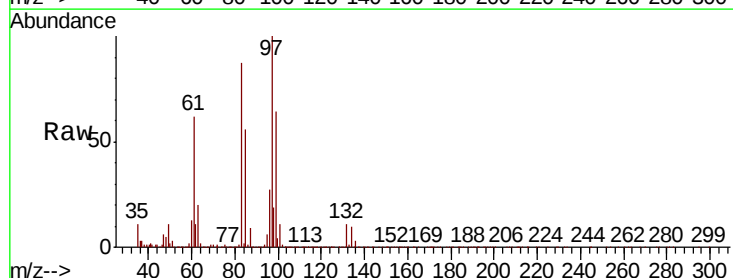
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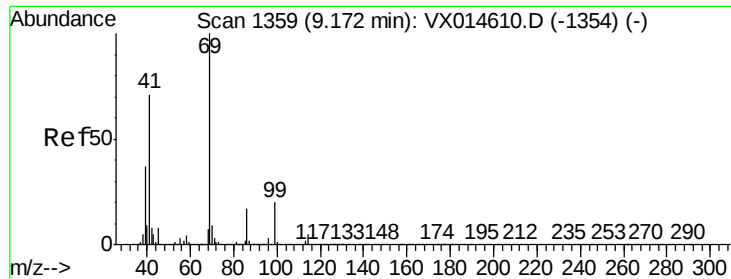
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 2/10/2020 10:49:31 AM



#50
 1,1,2-Trichloroethane
 Concen: 20.778 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014867.D
 Acq: 07 Feb 2020 13:41

Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.4	68.1	102.1
85	55.2	42.7	64.1
99	63.6	50.3	75.5





#51

Ethyl methacrylate

Concen: 20.155 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX014867.D

Acq: 07 Feb 2020 13:41

Instrument :

MSVOA_X

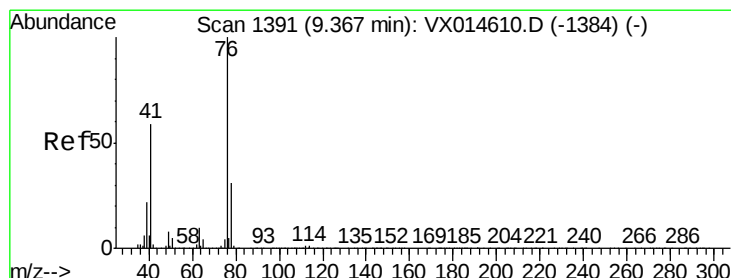
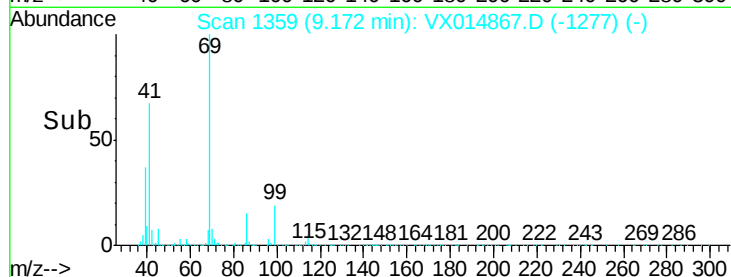
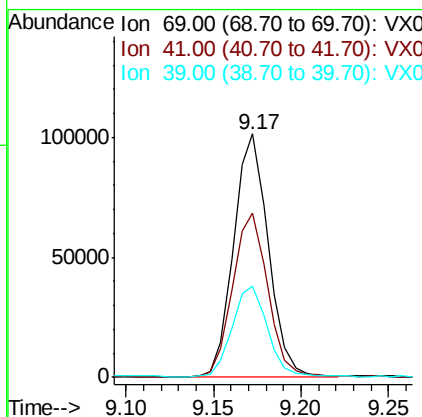
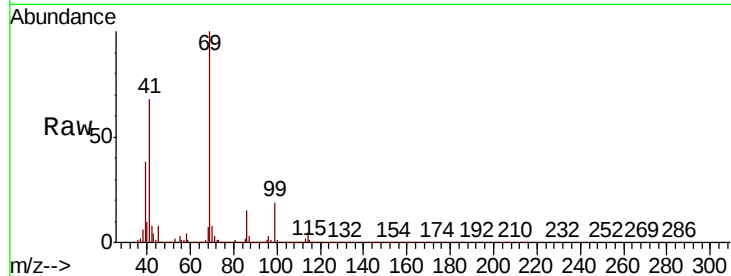
ClientSampleId :

VX0207WBSD01

Tot Ion	69	Resp	139839
Ion Ratio	Lower	Upper	
69	100		
41	67.5	35.4	106.1
39	37.2	17.8	53.3

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#52

1,3-Dichloropropane

Concen: 20.501 ug/l

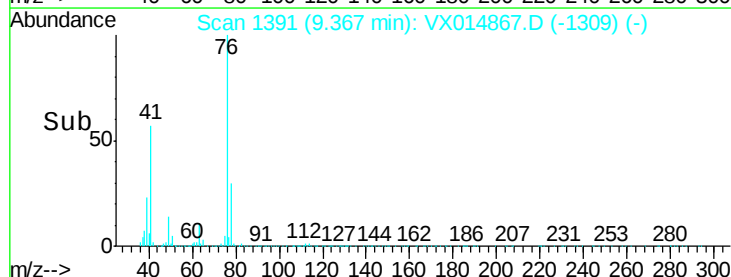
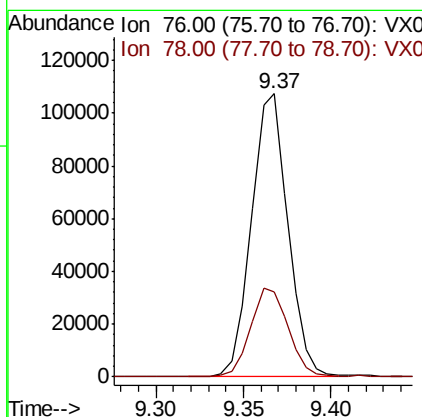
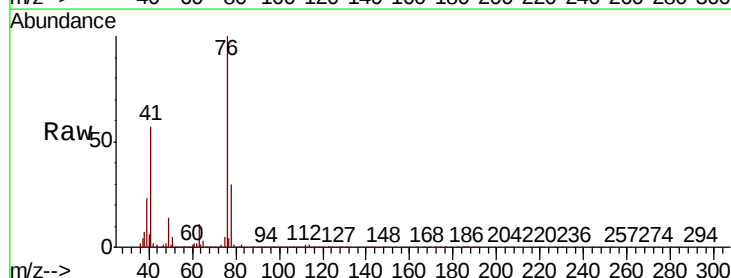
RT: 9.37 min Scan# 1391

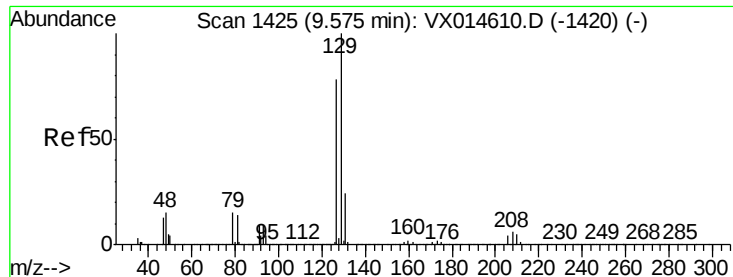
Delta R.T. 0.00 min

Lab File: VX014867.D

Acq: 07 Feb 2020 13:41

Tgt Ion	76	Resp	154775
Ion Ratio	Lower	Upper	
76	100		
78	32.2	0.0	63.4





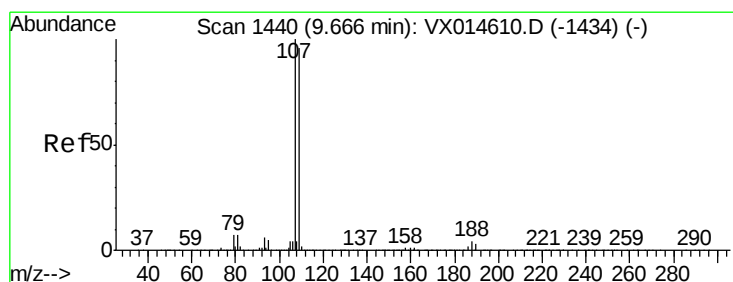
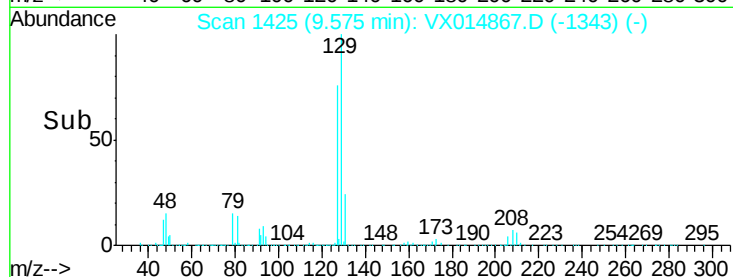
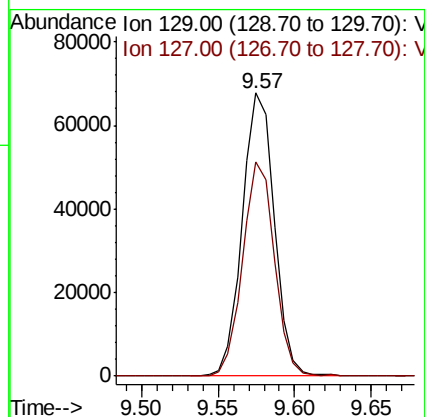
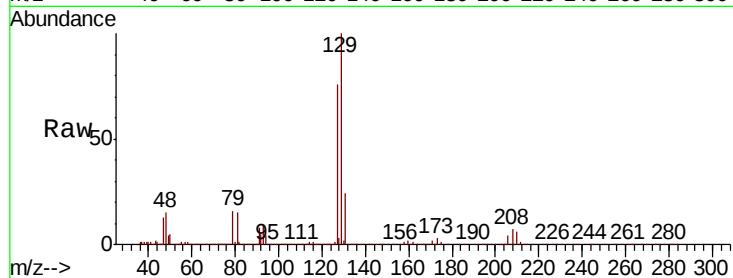
#53
Dibromochloromethane
Concen: 21.660 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX014867.D
Acq: 07 Feb 2020 13:41

Instrument :
MSVOA_X
ClientSampleId :
VX0207WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
129	100			
127	74.7	39.1	117.5	

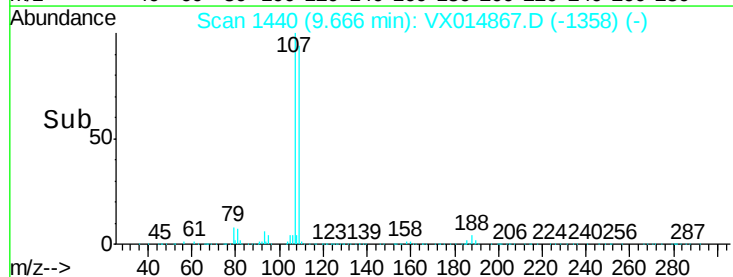
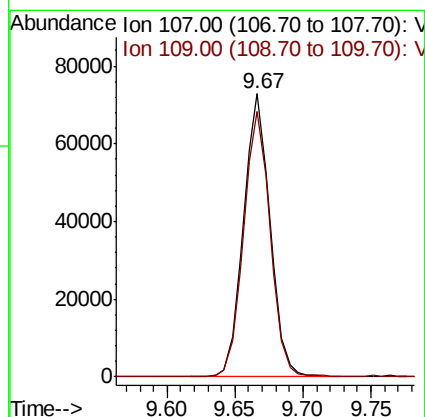
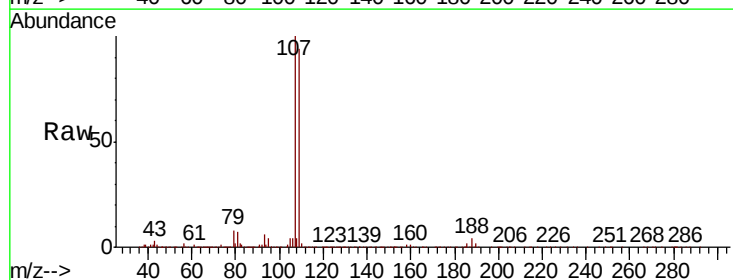
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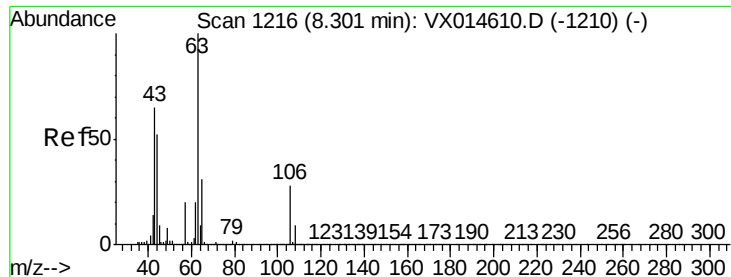
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#54
1,2-Dibromoethane
Concen: 21.463 ug/l
RT: 9.67 min Scan# 1440
Delta R.T. 0.00 min
Lab File: VX014867.D
Acq: 07 Feb 2020 13:41

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
109	93.6	77.2	115.8	





#55

2-Chloroethyl vinyl ether

Concen: 90.416 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014867.D

Acq: 07 Feb 2020 13:41

Instrument :

MSVOA_X

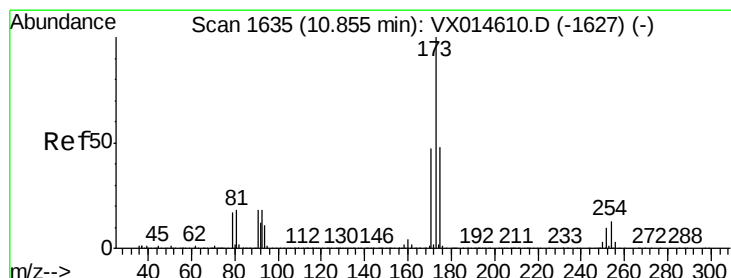
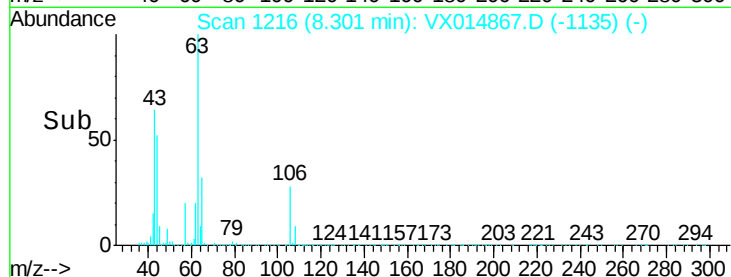
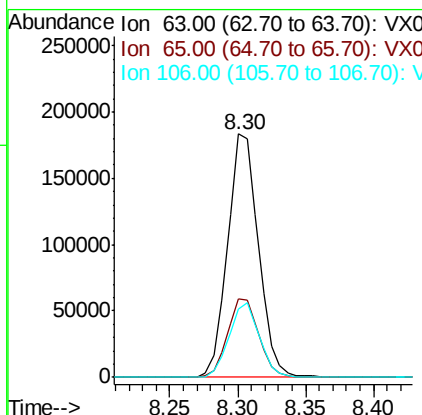
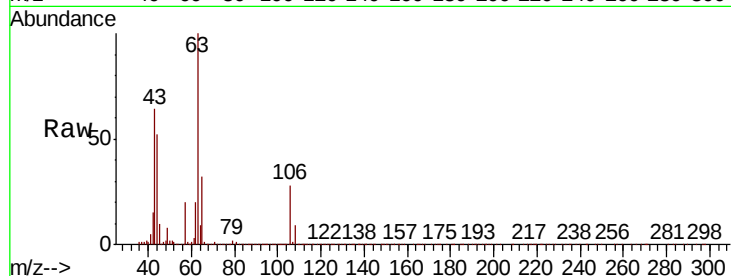
ClientSampleId :

VX0207WBSD01

Tot Ion:	63	Resp:	288302
Ion Ratio	Lower	Upper	
63	100		
65	32.6	25.8	38.6
106	30.3	22.9	34.3

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#56

Bromoform

Concen: 21.148 ug/l

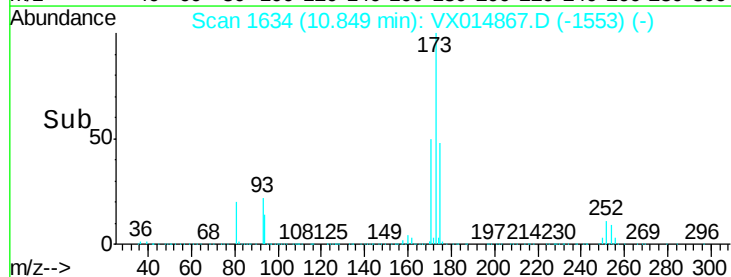
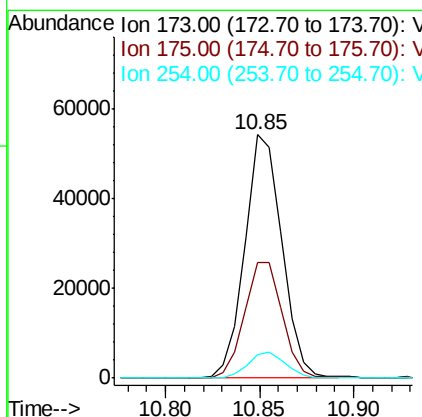
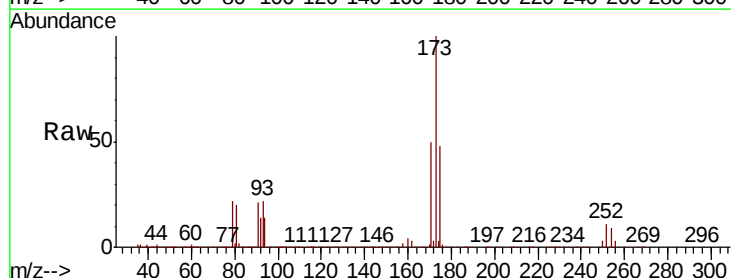
RT: 10.85 min Scan# 1634

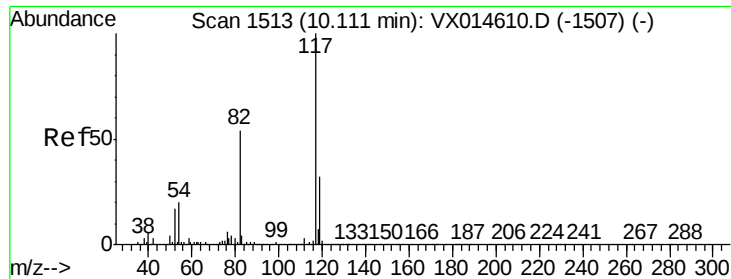
Delta R.T. -0.01 min

Lab File: VX014867.D

Acq: 07 Feb 2020 13:41

Tgt Ion:	173	Resp:	74244
Ion Ratio	Lower	Upper	
173	100		
175	48.0	39.5	59.3
254	10.5	8.2	12.4





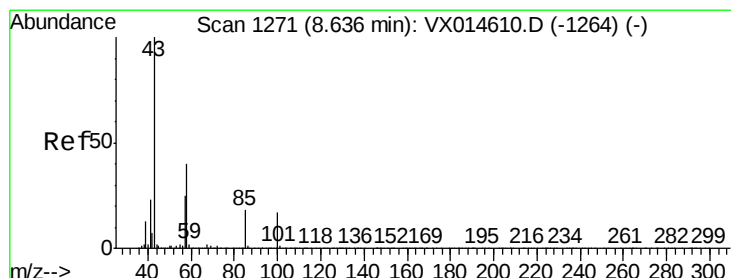
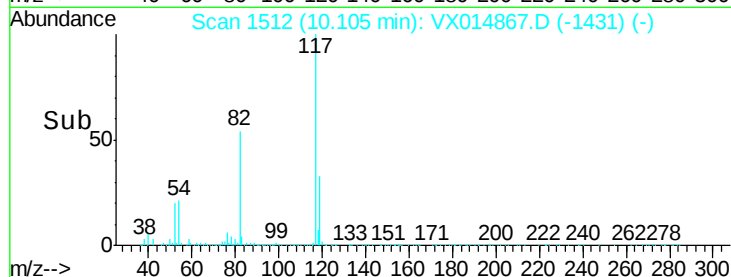
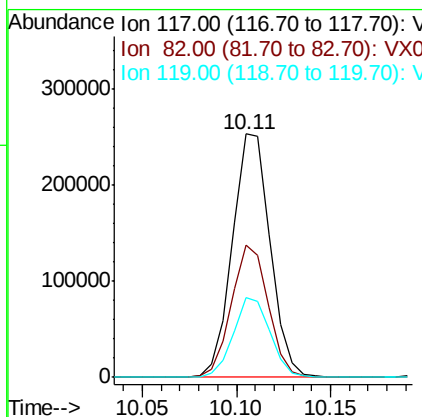
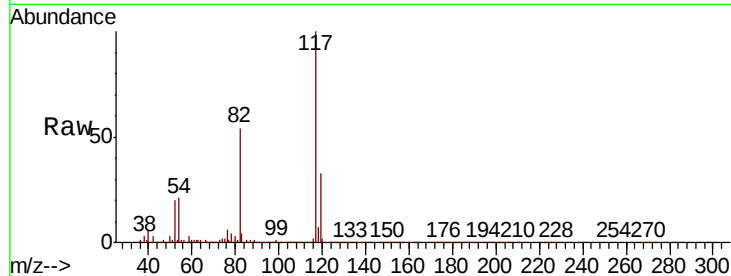
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014867.D
Acq: 07 Feb 2020 13:41

Instrument :
MSVOA_X
ClientSampleId :
VX0207WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	43.8	65.6
119	32.2	25.8	38.6

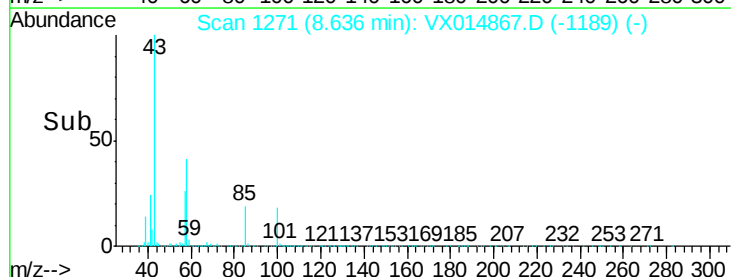
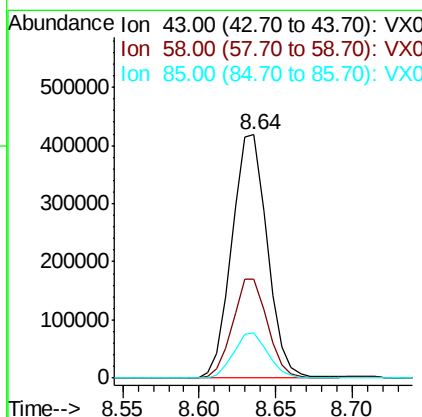
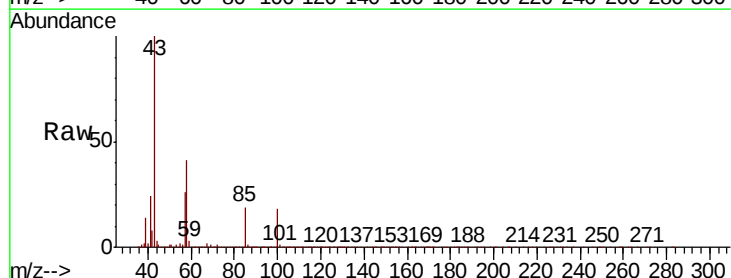
Manual Integrations
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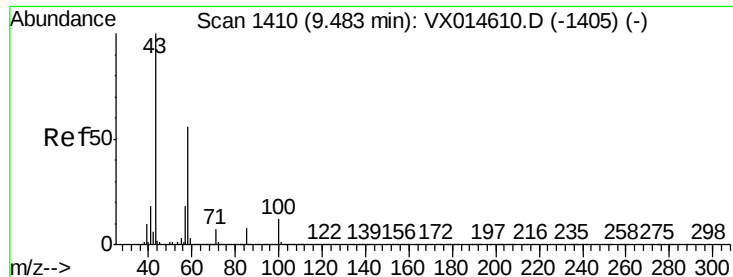
MMDadoda
2/10/2020 10:49:31 AM



#58
4-Methyl-2-Pentanone
Concen: 101.691 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX014867.D
Acq: 07 Feb 2020 13:41

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.9	31.2	46.8
85	18.3	14.2	21.2





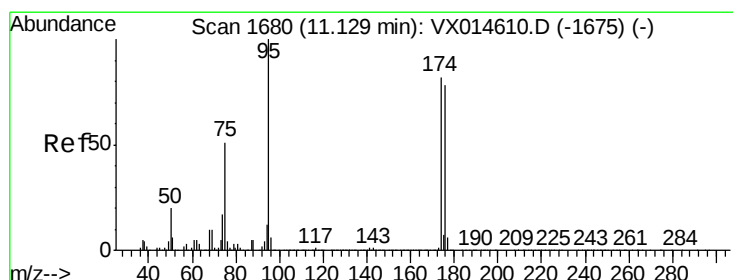
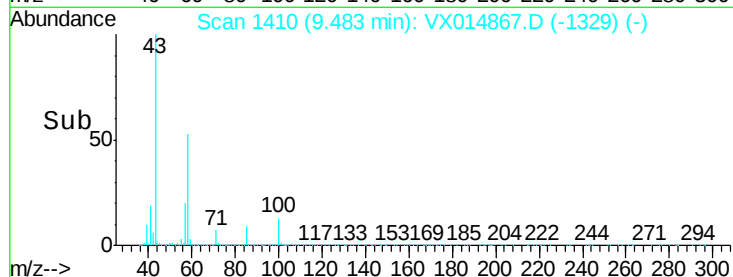
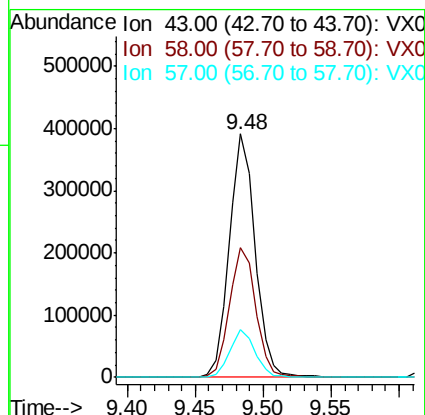
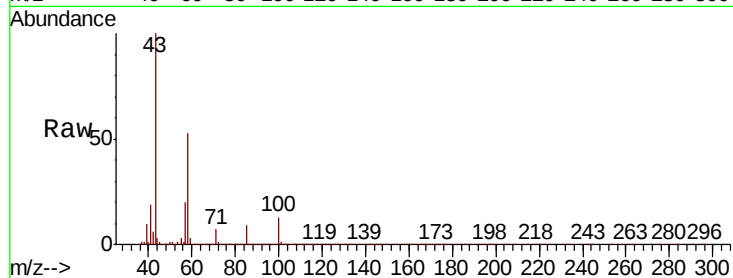
#59
2-Hexanone
Concen: 101.061 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014867.D
Acq: 07 Feb 2020 13:41

Instrument :
MSVOA_X
ClientSampleId :
VX0207WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.1	43.8	65.6
57	19.4	15.4	23.0

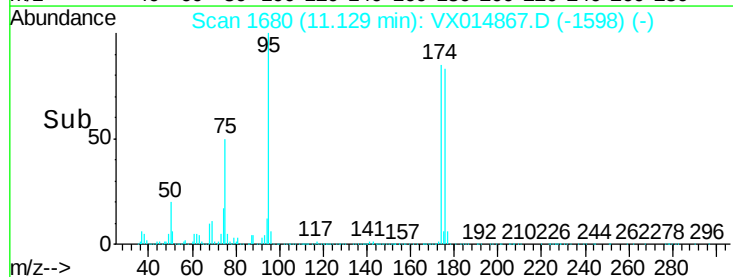
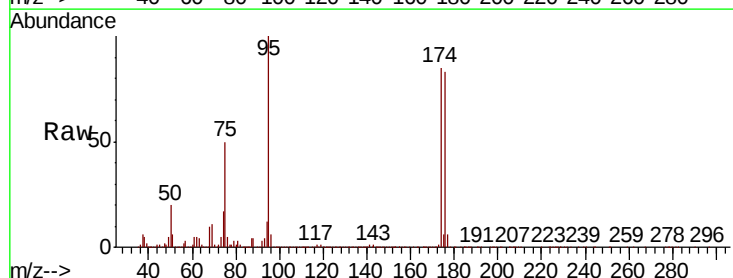
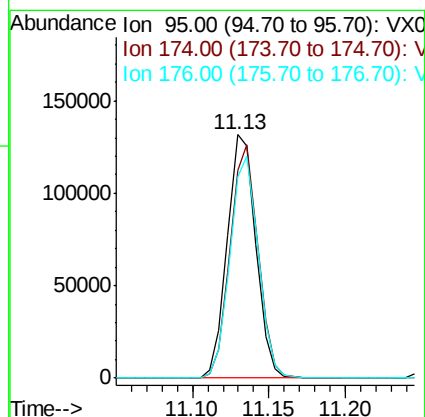
Manual Integrations
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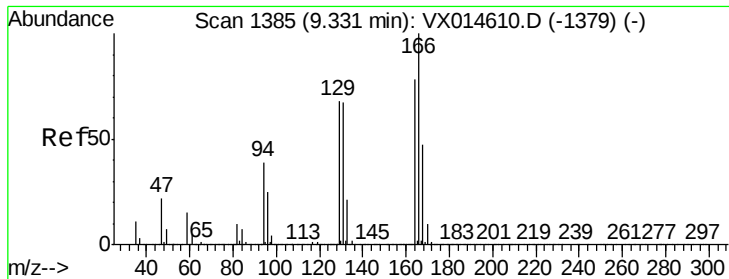
MMDadoda
2/10/2020 10:49:31 AM



#60
4-Bromofluorobenzene
Concen: 30.434 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX014867.D
Acq: 07 Feb 2020 13:41

Tgt Ion	Ratio	Lower	Upper
95	100		
174	93.3	70.2	105.2
176	90.1	68.3	102.5





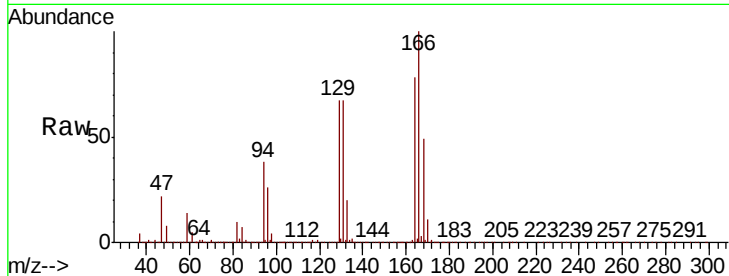
#61
Tetrachloroethene
Concen: 19.760 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014867.D
Acq: 07 Feb 2020 13:41

Instrument :
MSVOA_X
ClientSampleId :
VX0207WBSD01

Tot Ion	Ratio	Lower	Upper
164	100		
166	127.7	104.2	156.2
129	85.4	71.6	107.4
131	86.1	71.7	107.5

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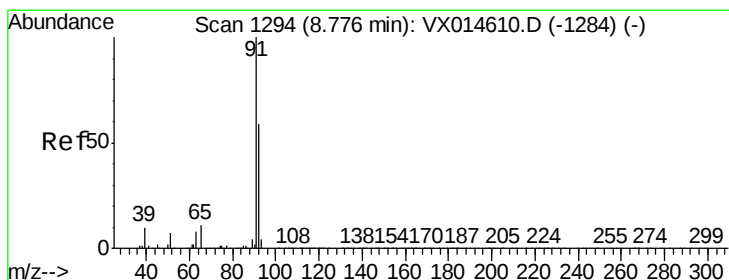
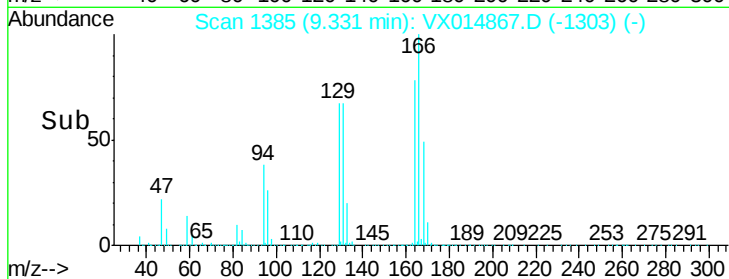
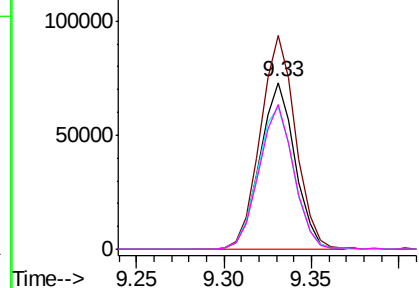
Abundance

Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

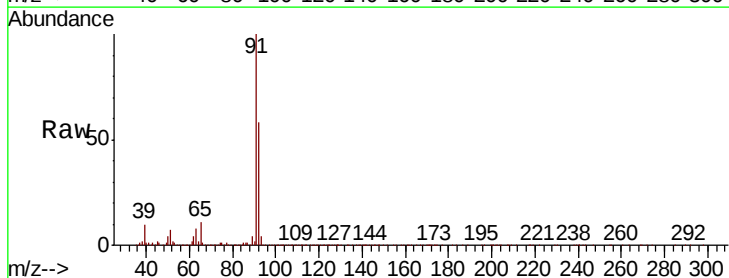
Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62
Toluene
Concen: 20.723 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX014867.D
Acq: 07 Feb 2020 13:41

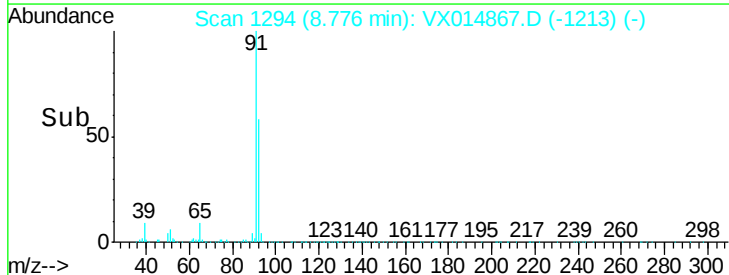
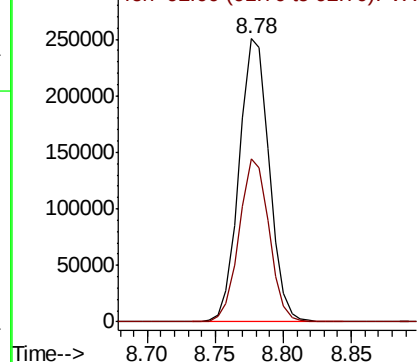
Tgt Ion	Ratio	Lower	Upper
91	100		
92	57.5	46.4	69.6

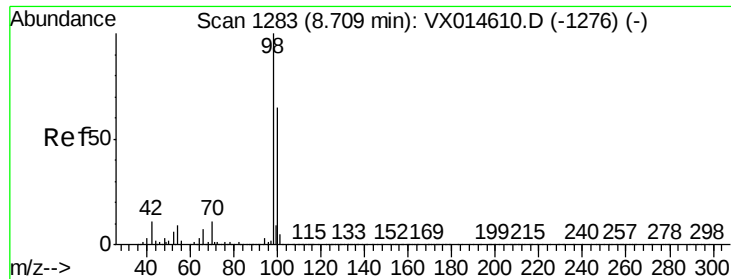


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 29.655 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014867.D

Acq: 07 Feb 2020 13:41

Instrument :

MSVOA_X

ClientSampleId :

VX0207WBSD01

Tot Ion: 98 Resp: 470320

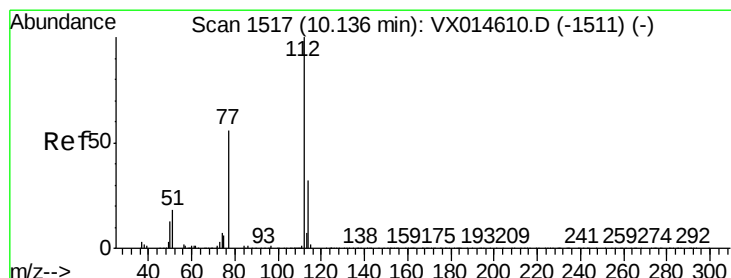
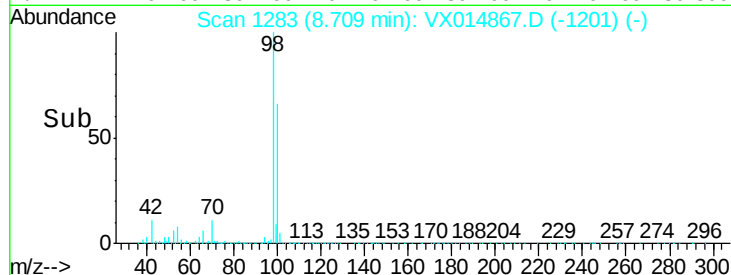
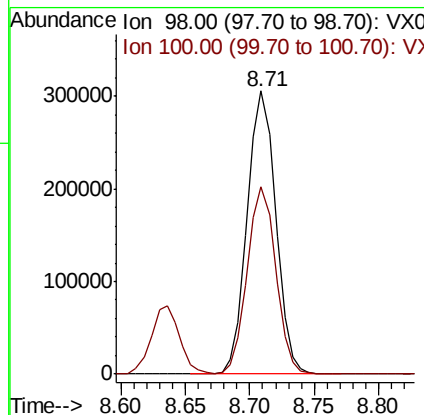
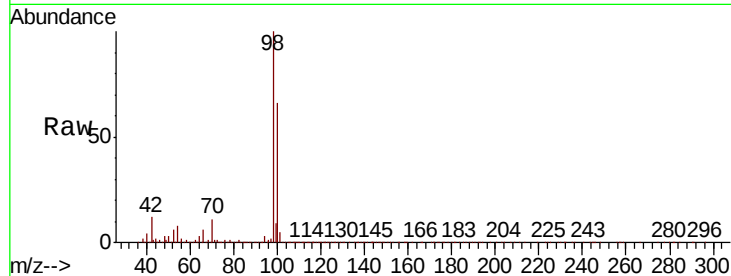
Ion Ratio Lower Upper

98 100

100 65.3 52.2 78.2

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#64

Chlorobenzene

Concen: 21.215 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014867.D

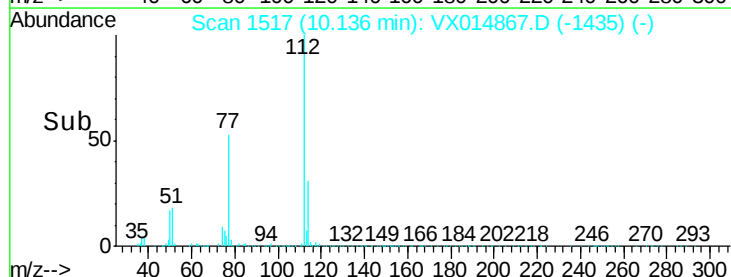
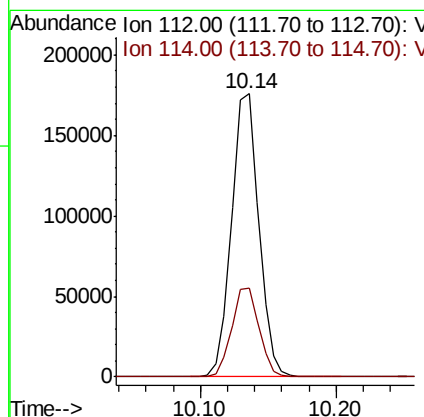
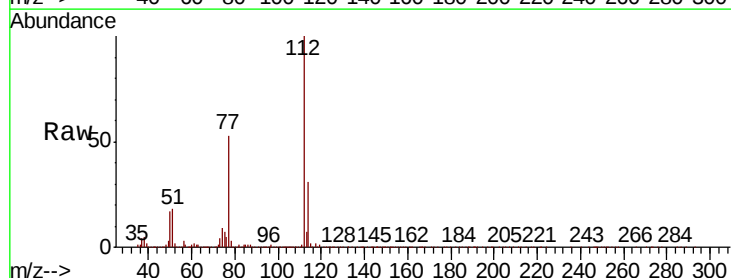
Acq: 07 Feb 2020 13:41

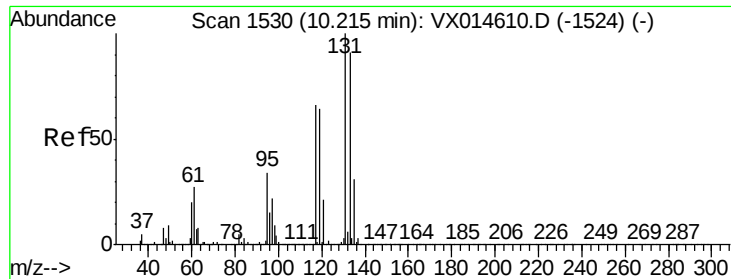
Tgt Ion: 112 Resp: 246708

Ion Ratio Lower Upper

112 100

114 31.4 24.4 36.6





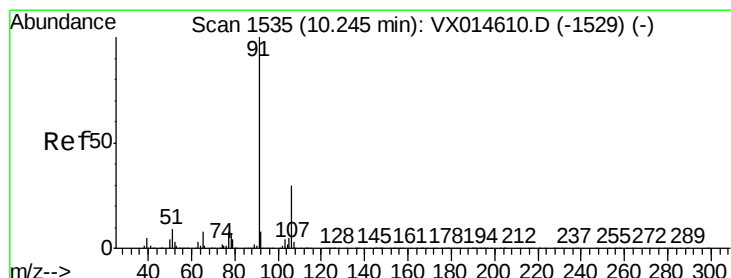
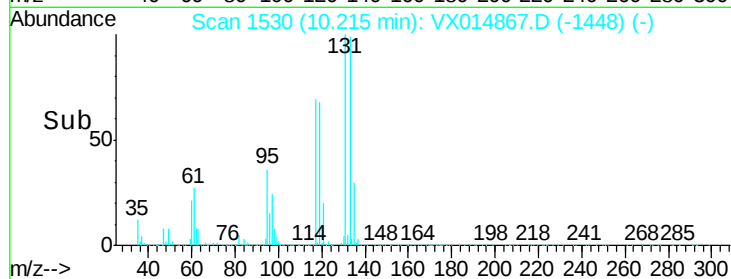
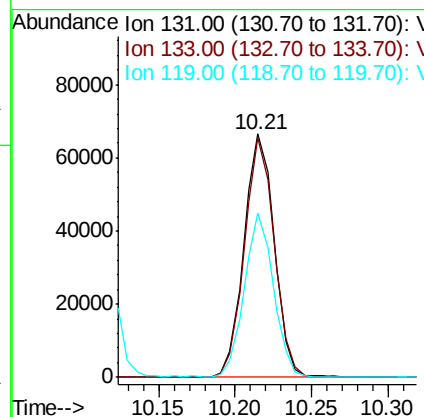
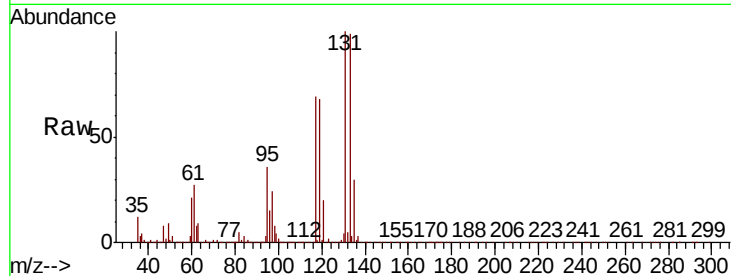
#65
 1,1,1,2-Tetrachloroethane
 Concen: 21.259 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VX014867.D
 Acq: 07 Feb 2020 13:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0207WBSD01

Tot Ion	Ratio	Lower	Upper
131	100		
133	96.8	0.0	189.8
119	64.9	0.0	132.2

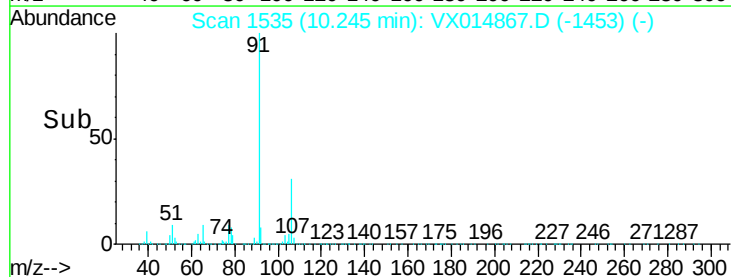
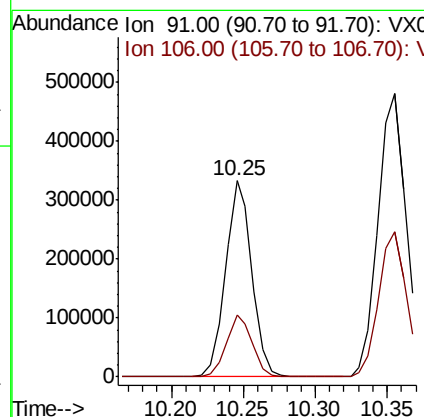
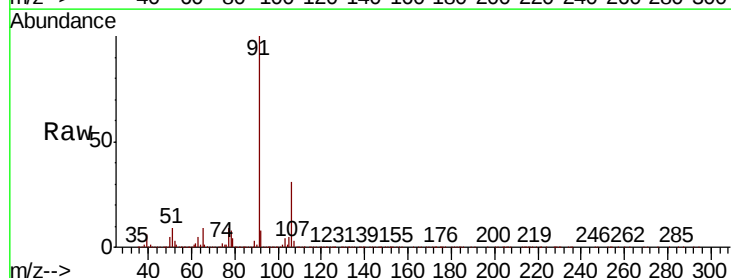
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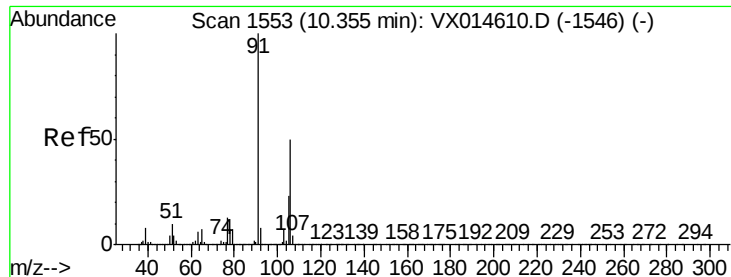
MMDadoda
 2/10/2020 10:49:31 AM



#66
 Ethyl Benzene
 Concen: 21.050 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VX014867.D
 Acq: 07 Feb 2020 13:41

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.4	24.2	36.2





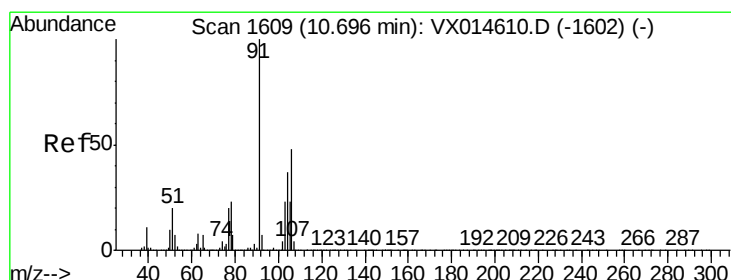
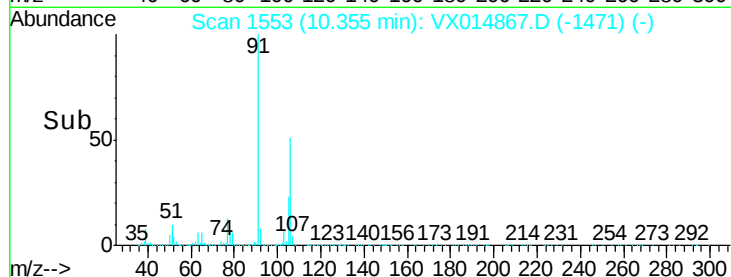
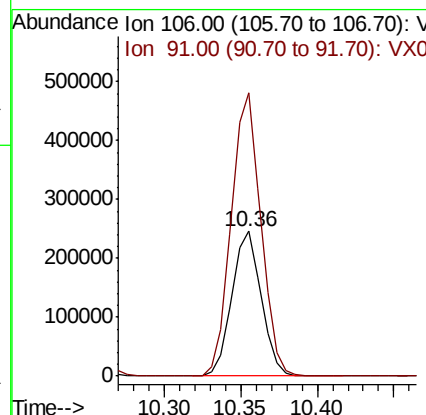
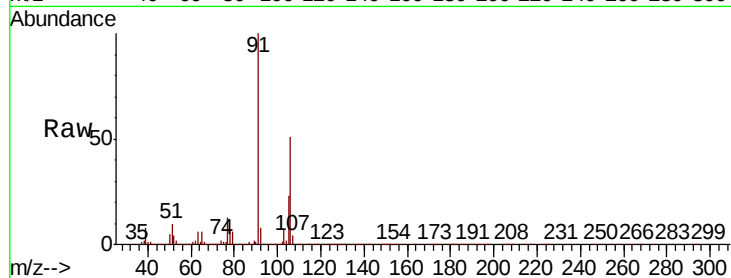
#67
m/p-Xvlenes
Concen: 42.063 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014867.D
Acq: 07 Feb 2020 13:41

Instrument :
MSVOA_X
ClientSampleId :
VX0207WBSD01

Tot Ion	Ratio	Lower	Upper
106	100		
91	197.7	159.3	238.9

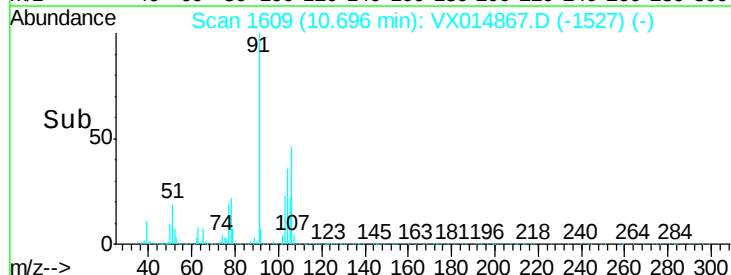
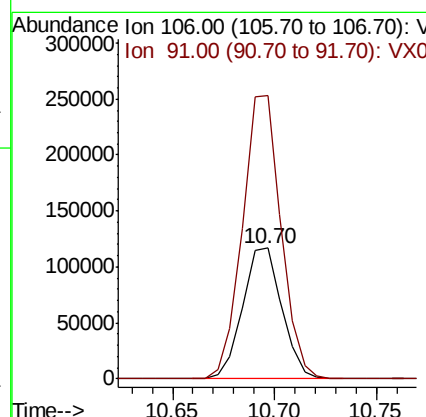
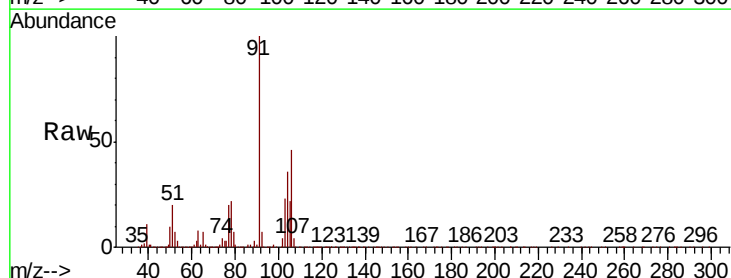
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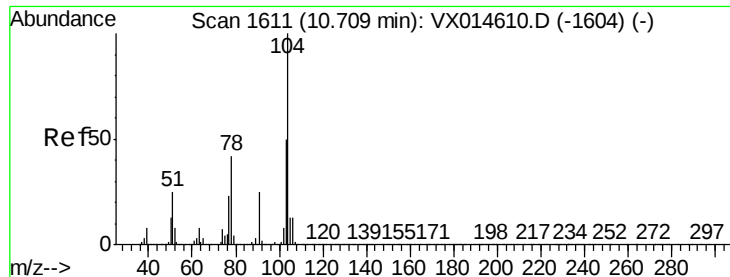
MMDadoda
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#68
o-Xylene
Concen: 20.591 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014867.D
Acq: 07 Feb 2020 13:41

Tgt Ion	Ratio	Lower	Upper
106	100		
91	213.0	104.8	314.6





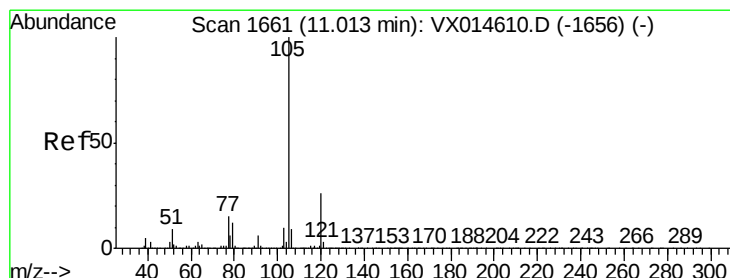
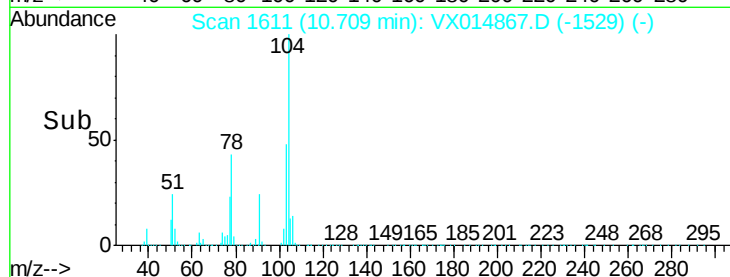
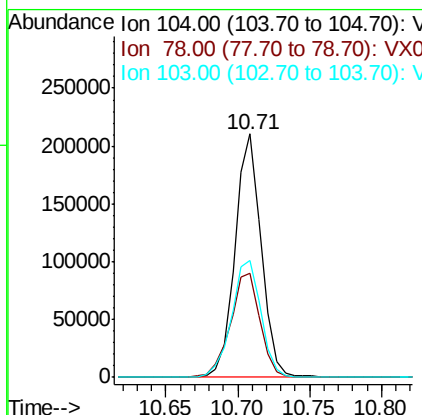
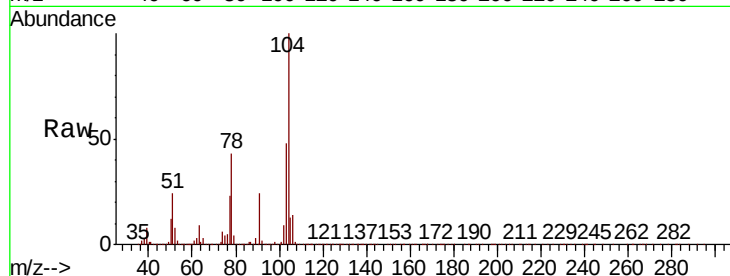
#69
Stvrene
Concen: 20.787 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014867.D
Acq: 07 Feb 2020 13:41

Instrument :
MSVOA_X
ClientSampleId :
VX0207WBSD01

Tot Ion	Ratio	Lower	Upper
104	100		
78	49.0	38.9	58.3
103	54.3	44.2	66.2

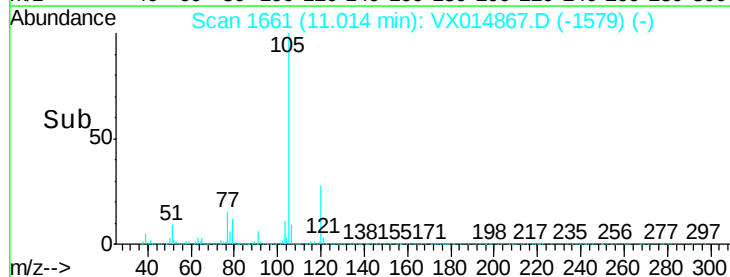
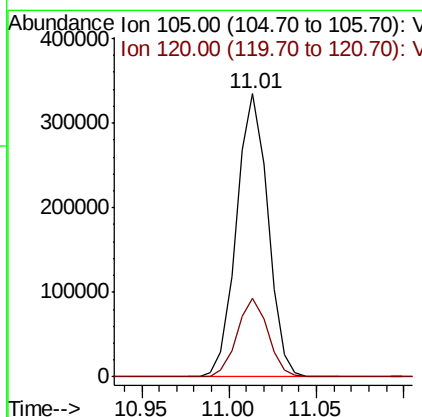
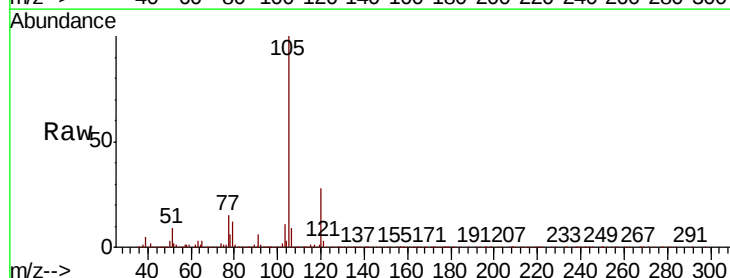
Manual Integrations
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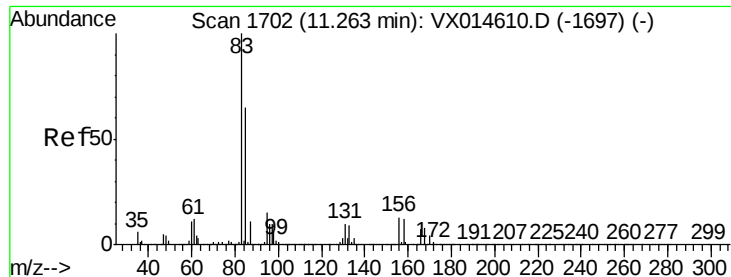
MMDadoda
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#70
Isopropylbenzene
Concen: 21.080 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX014867.D
Acq: 07 Feb 2020 13:41

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.6	19.1	35.5





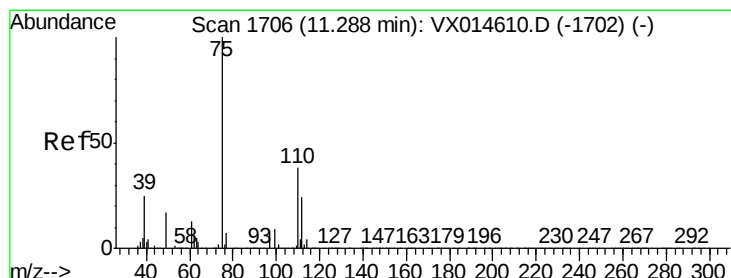
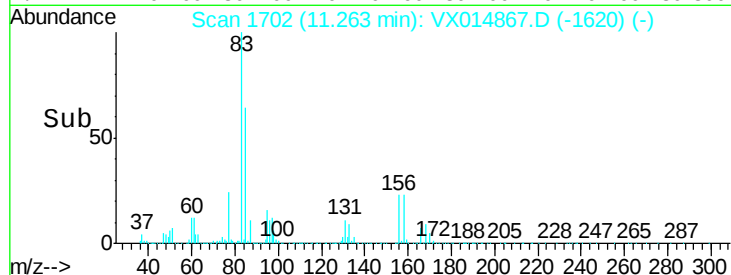
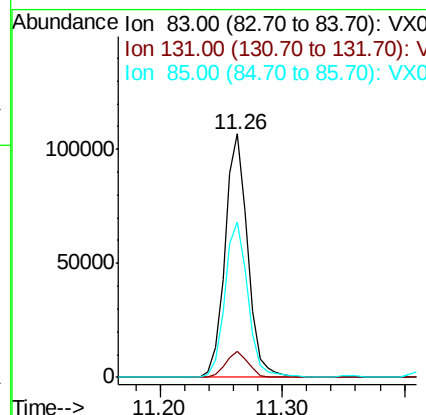
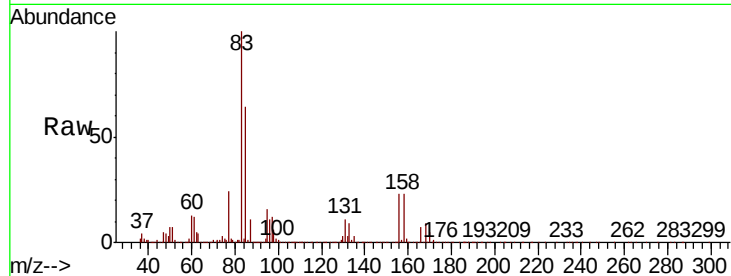
#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.543 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: VX014867.D
 Acq: 07 Feb 2020 13:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0207WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
131	10.5	4.9	14.7	
85	65.1	31.6	94.7	

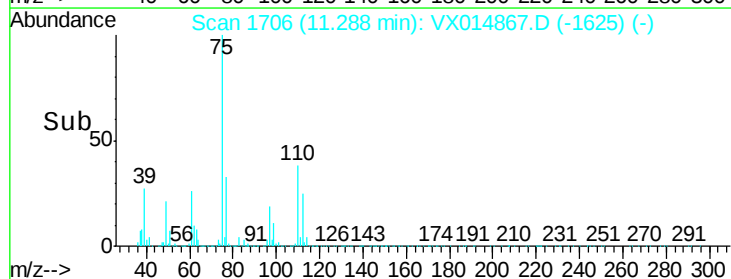
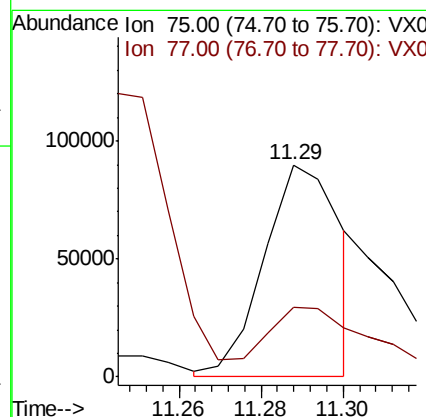
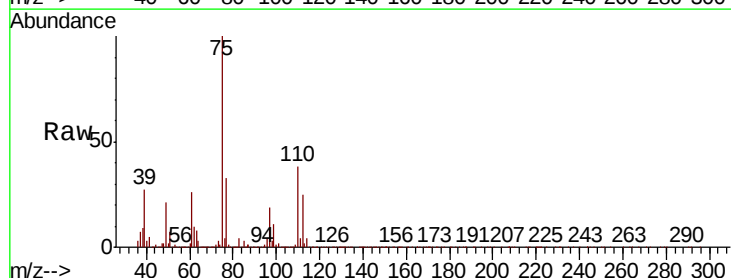
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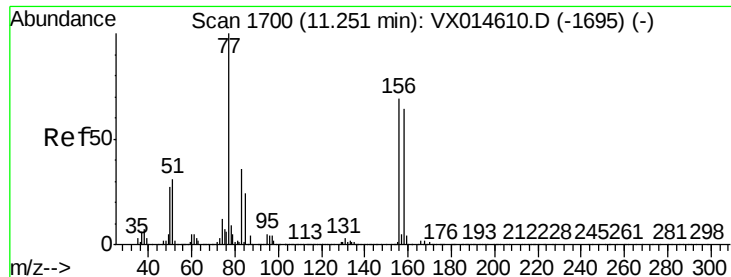
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#72
 1,2,3-Trichloropropane
 Concen: 20.318 ug/l m
 RT: 11.29 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX014867.D
 Acq: 07 Feb 2020 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
77	43.8	0.0	68.4	





#73

Bromobenzene

Concen: 21.779 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014867.D

Acq: 07 Feb 2020 13:41

Instrument :

MSVOA_X

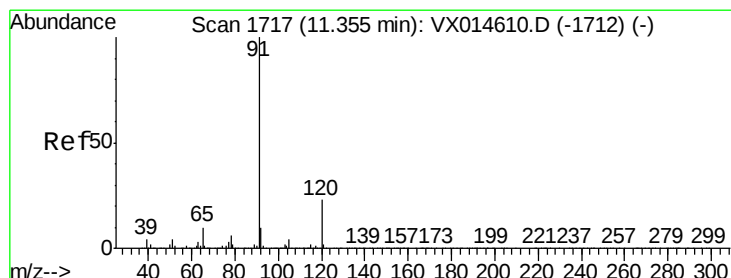
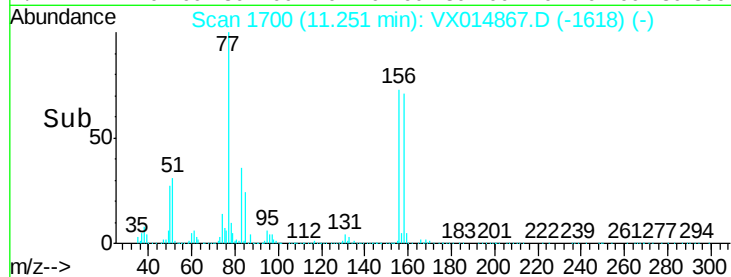
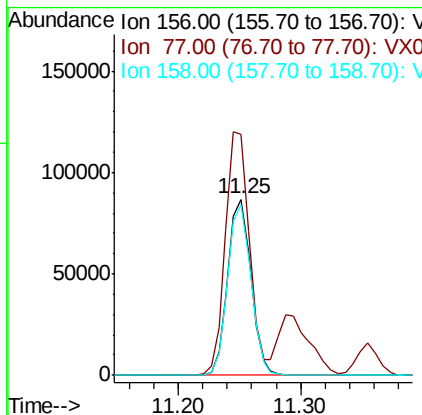
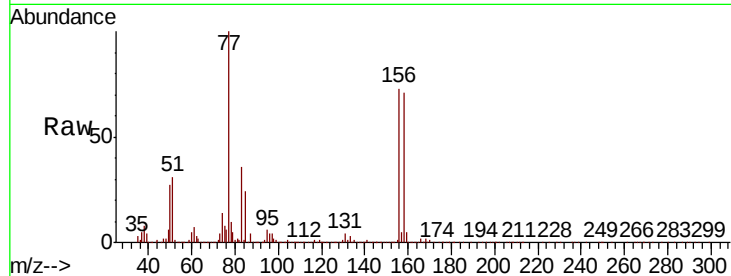
ClientSampleId :

VX0207WBSD01

Tot Ion:	156	Resp:	114467
Ion Ratio	Lower	Upper	
156	100		
77	141.2	0.0	304.6
158	97.1	0.0	195.2

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#74

n-propylbenzene

Concen: 21.209 ug/l

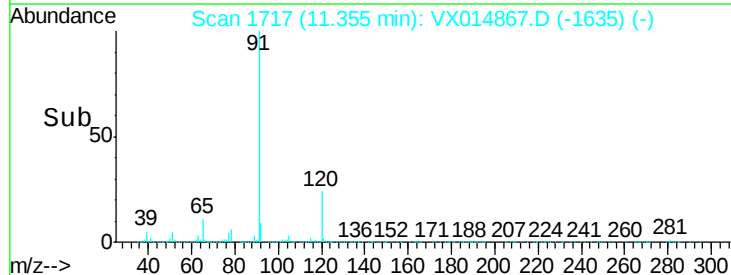
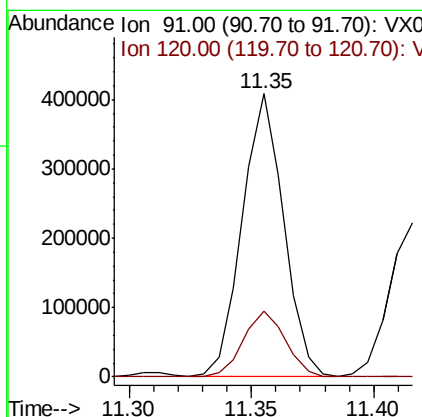
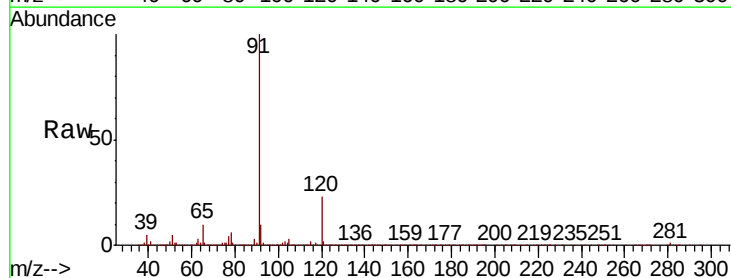
RT: 11.35 min Scan# 1717

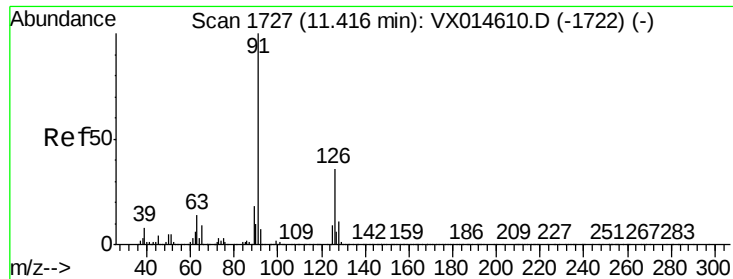
Delta R.T. 0.00 min

Lab File: VX014867.D

Acq: 07 Feb 2020 13:41

Tgt Ion:	91	Resp:	480512
Ion Ratio	Lower	Upper	
91	100		
120	23.5	0.0	44.8





#75

2-Chlorotoluene

Concen: 20.755 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014867.D

Acq: 07 Feb 2020 13:41

Instrument :

MSVOA_X

ClientSampleId :

VX0207WBSD01

Tot Ion: 91 Resp: 281820

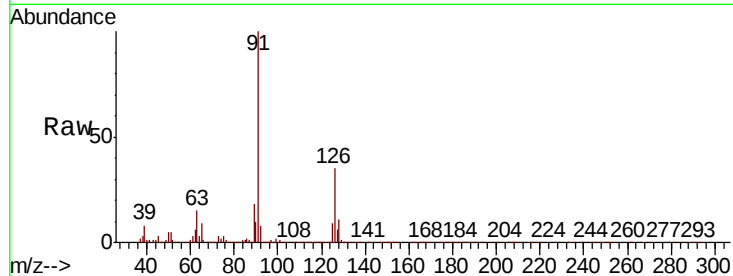
Ion Ratio Lower Upper

91 100

126 35.5 0.0 70.8

Manual Integrations
APPROVED

MMDadoda
2/10/2020 10:49:31 AM



Abundance Ion 91.00 (90.70 to 91.70): VX014610.D (-1722) (-)

Ion 126.00 (125.70 to 126.70): VX014610.D (-1722) (-)

400000

300000

200000

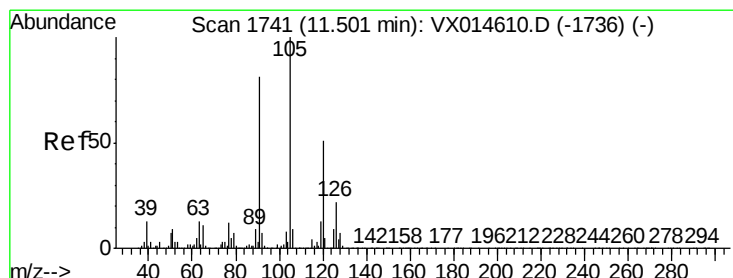
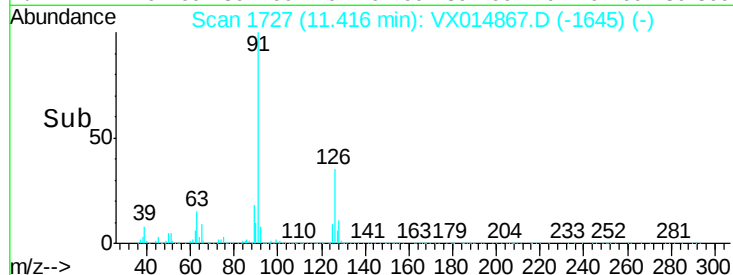
100000

0

11.42

11.45

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 21.151 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014867.D

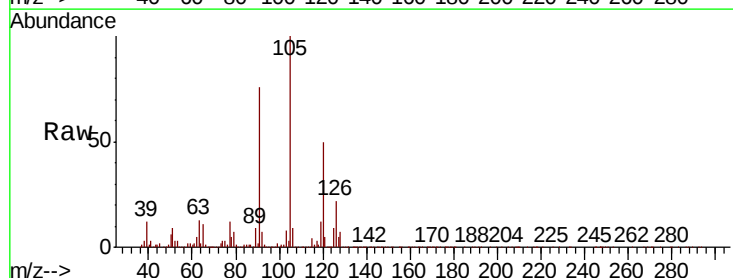
Acq: 07 Feb 2020 13:41

Tgt Ion: 105 Resp: 349436

Ion Ratio Lower Upper

105 100

120 49.9 0.0 100.6



Abundance Ion 105.00 (104.70 to 105.70): VX014610.D (-1736) (-)

Ion 120.00 (119.70 to 120.70): VX014610.D (-1736) (-)

300000

200000

100000

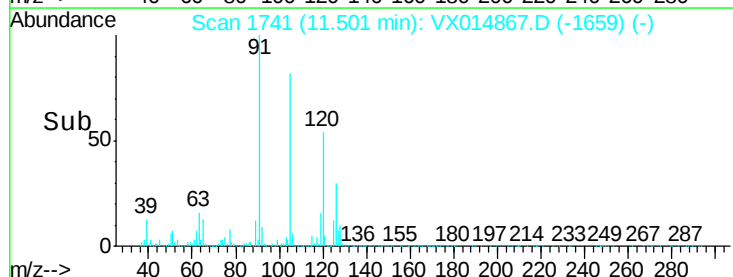
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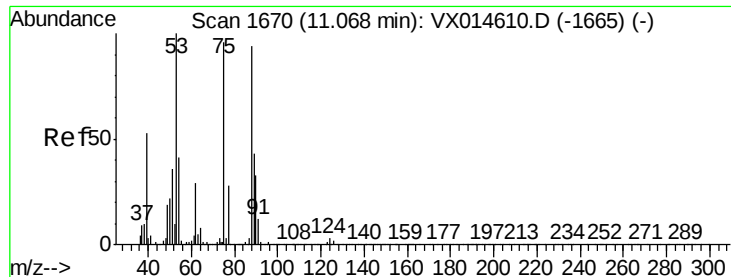
11.50

11.55

11.60

Time-->





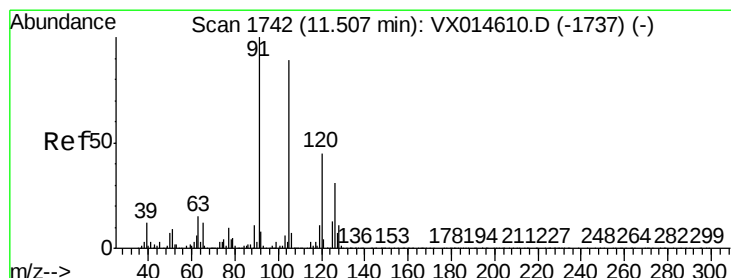
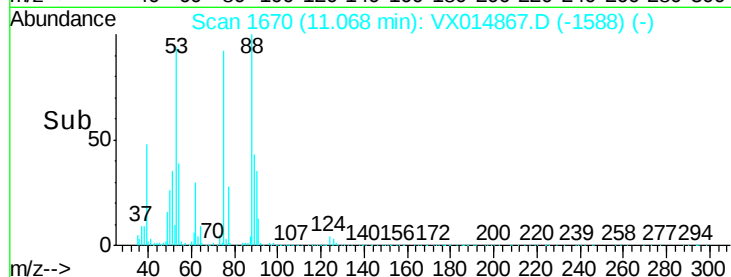
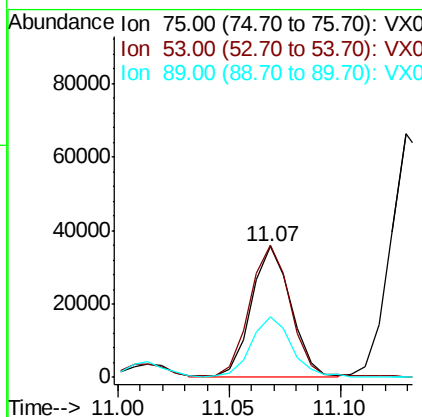
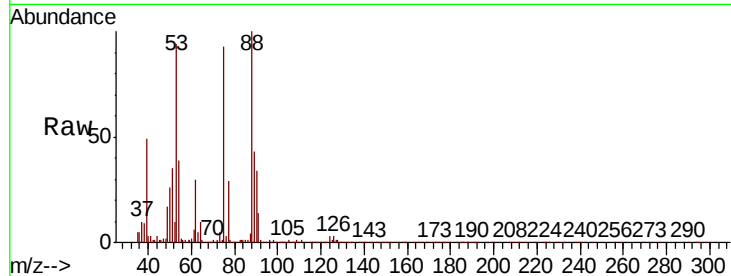
#77
t-1,4-Dichloro-2-butene
Concen: 20.007 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014867.D
Acq: 07 Feb 2020 13:41

Instrument :
MSVOA_X
ClientSampleId :
VX0207WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	101.0	54.4	163.1
89	46.1	21.9	65.5

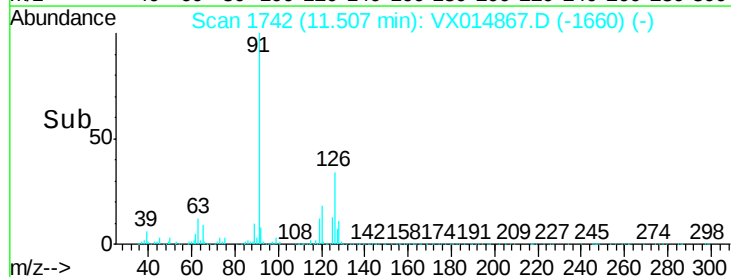
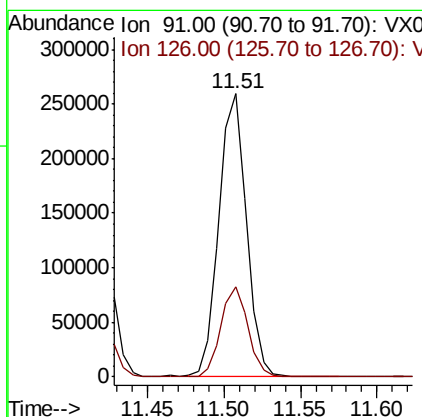
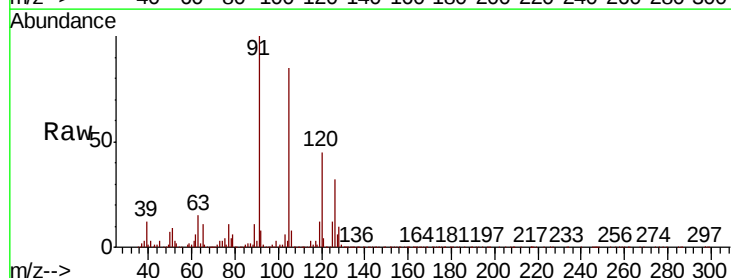
Manual Integrations
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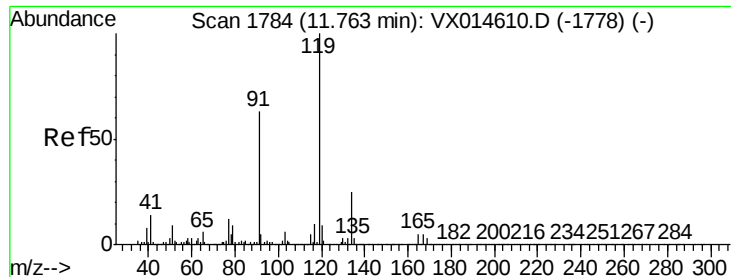
MMDadoda
2/10/2020 10:49:31 AM



#78
4-Chlorotoluene
Concen: 21.014 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014867.D
Acq: 07 Feb 2020 13:41

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.0	0.0	59.6





#79

tert-butylbenzene

Concen: 21.806 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014867.D

Acq: 07 Feb 2020 13:41

Instrument :

MSVOA_X

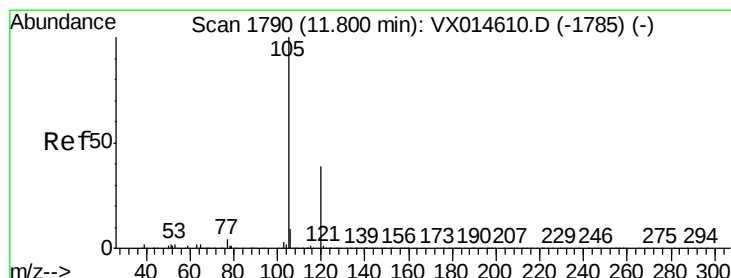
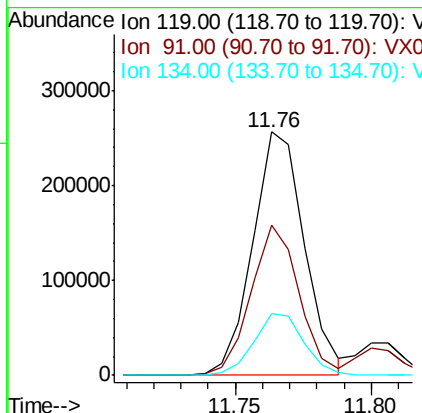
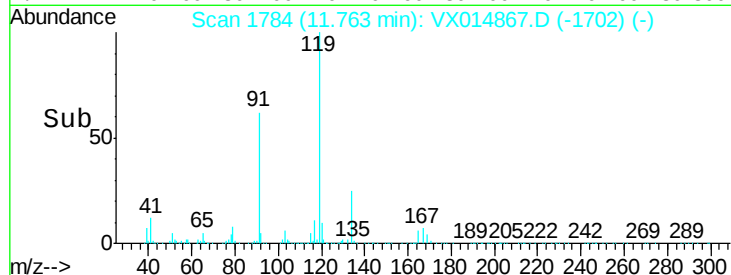
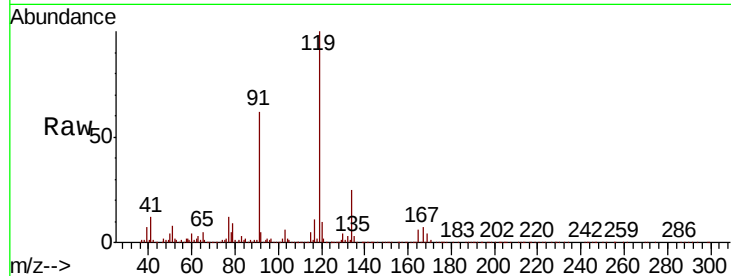
ClientSampleId :

VX0207WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
119	100		337092		
91	57.6	0.0	112.6		
134	24.8	0.0	49.8		

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#80

1,2,4-Trimethylbenzene

Concen: 21.435 ug/l

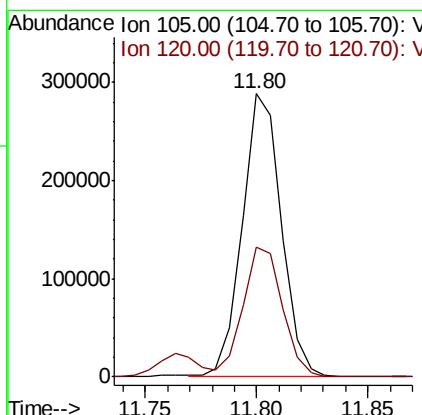
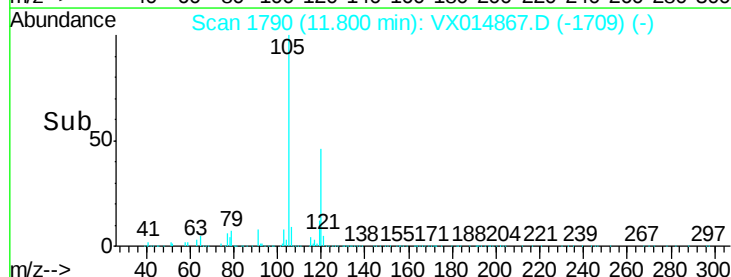
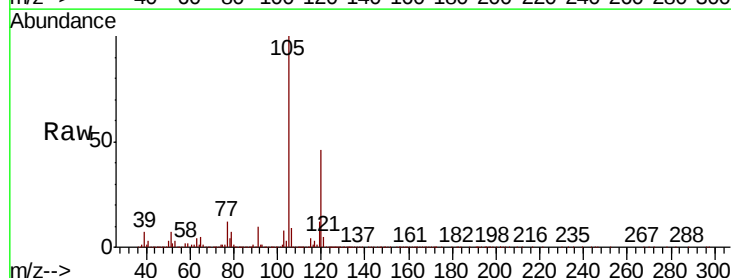
RT: 11.80 min Scan# 1790

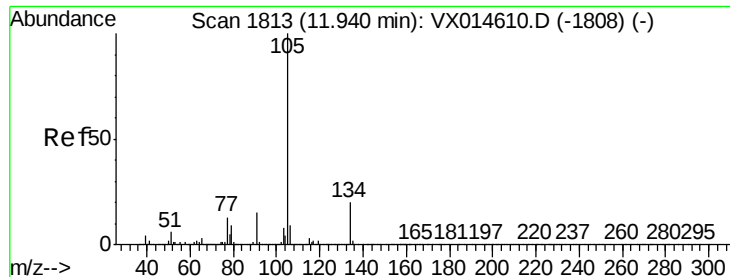
Delta R.T. -0.01 min

Lab File: VX014867.D

Acq: 07 Feb 2020 13:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		353207		
120	46.2	0.0	92.0		





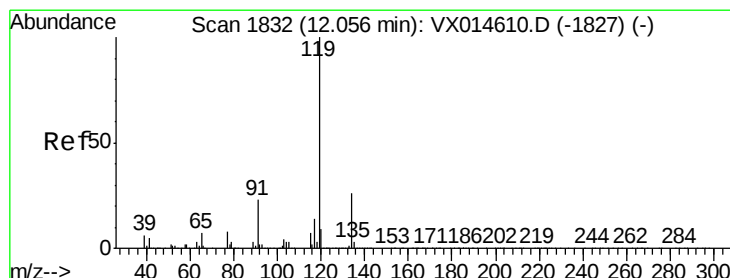
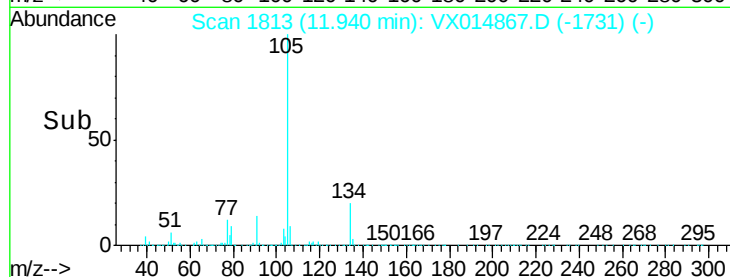
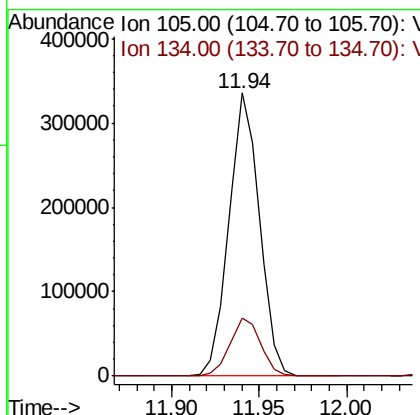
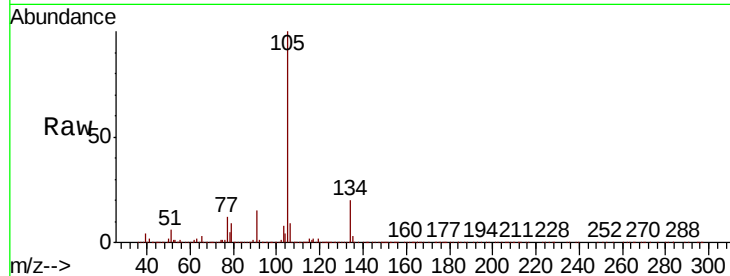
#81
 sec-Butylbenzene
 Concen: 21.309 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014867.D
 Acq: 07 Feb 2020 13:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0207WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	407614		
134	20.5	0.0	40.2	

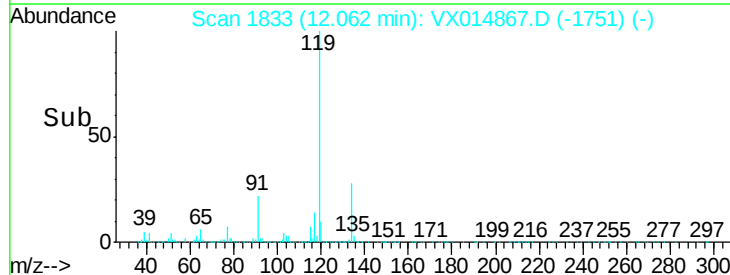
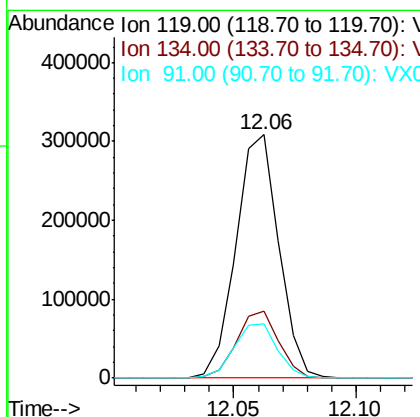
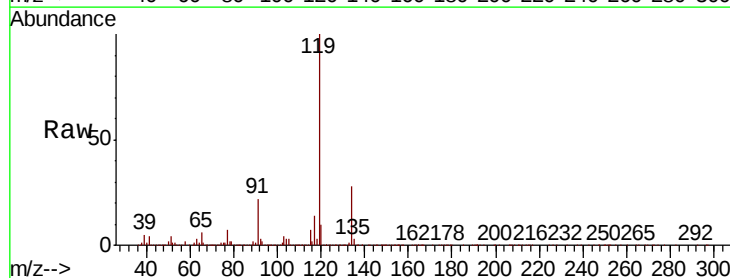
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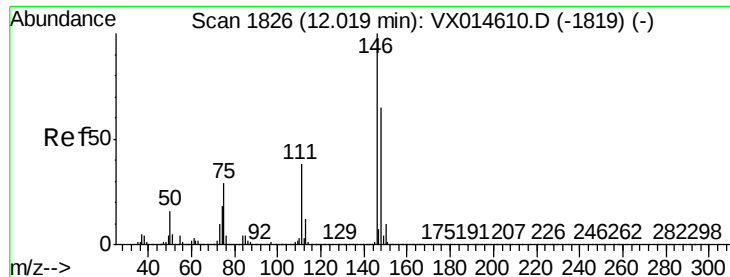
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#82
 p-Isopropyltoluene
 Concen: 21.418 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX014867.D
 Acq: 07 Feb 2020 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	374024		
134	27.2	0.0	53.8	
91	22.8	0.0	45.0	





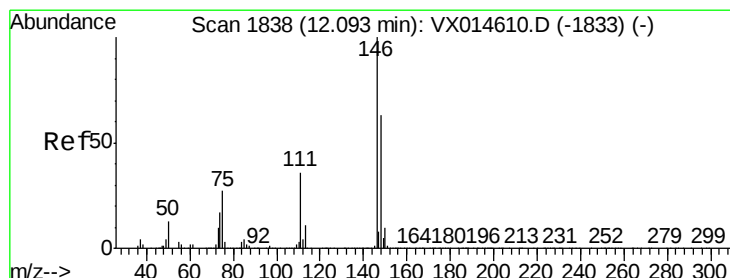
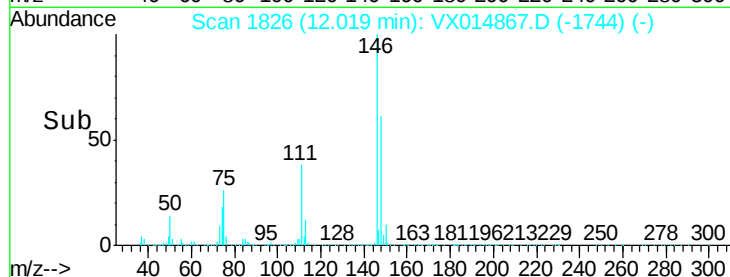
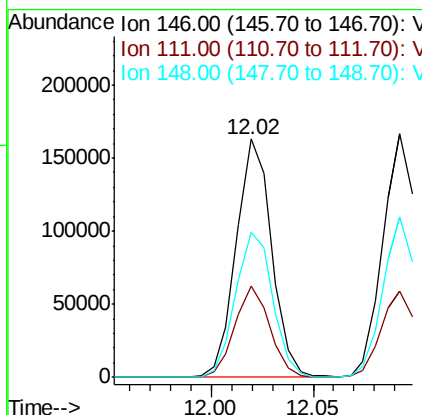
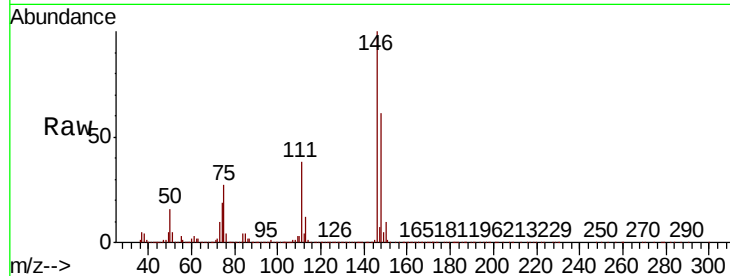
#83
 1,3-Dichlorobenzene
 Concen: 21.496 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014867.D
 Acq: 07 Feb 2020 13:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0207WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	19.3	57.9
148	63.4	32.2	96.6

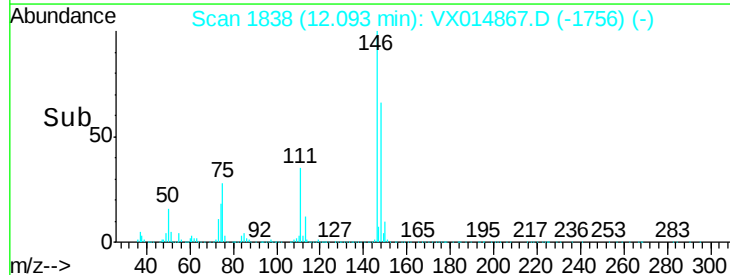
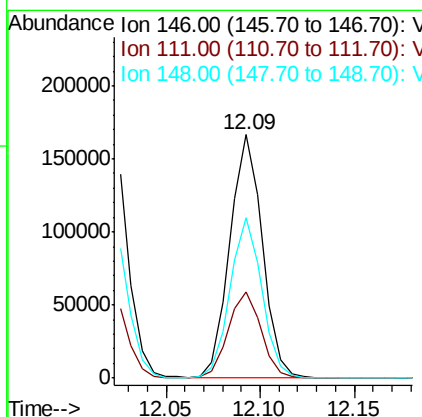
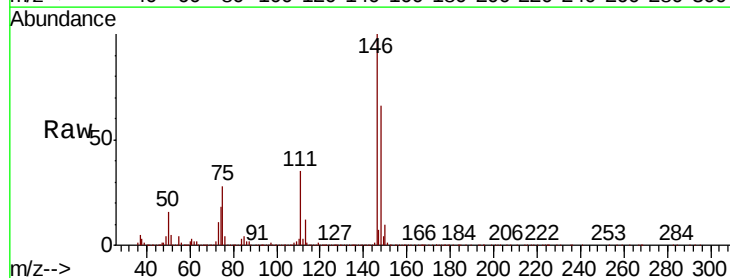
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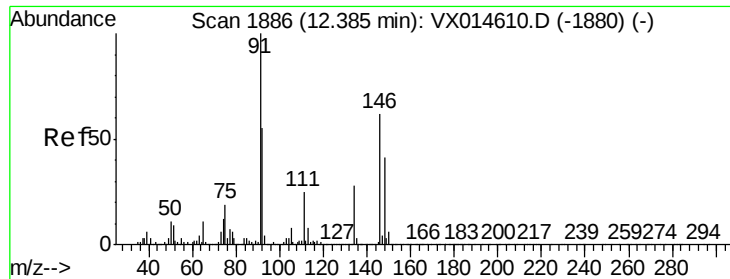
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#84
 1,4-Dichlorobenzene
 Concen: 21.942 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014867.D
 Acq: 07 Feb 2020 13:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.8	18.4	55.4
148	64.4	32.0	96.0





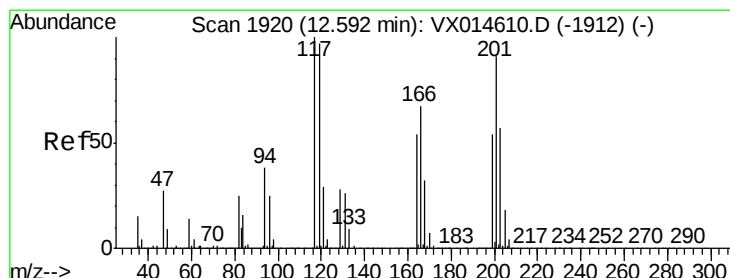
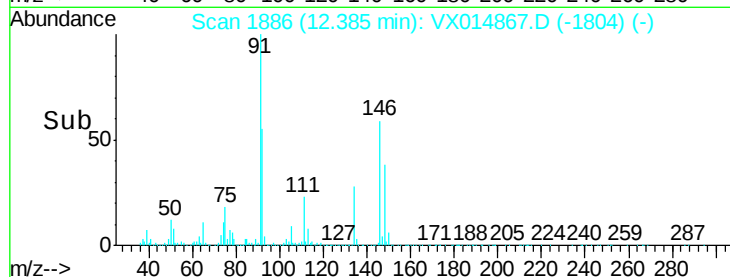
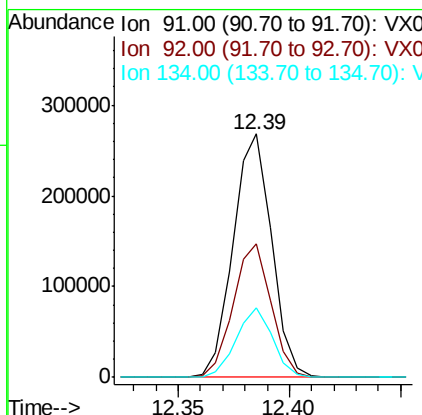
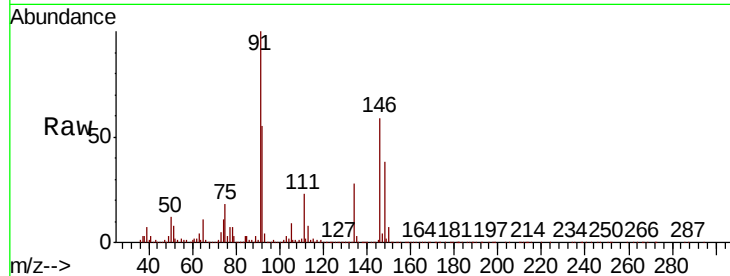
#85
n-Butylbenzene
Concen: 21.067 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014867.D
Acq: 07 Feb 2020 13:41

Instrument :
MSVOA_X
ClientSampleId :
VX0207WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	321884		
92	54.5	0.0	109.0	
134	27.3	0.0	54.0	

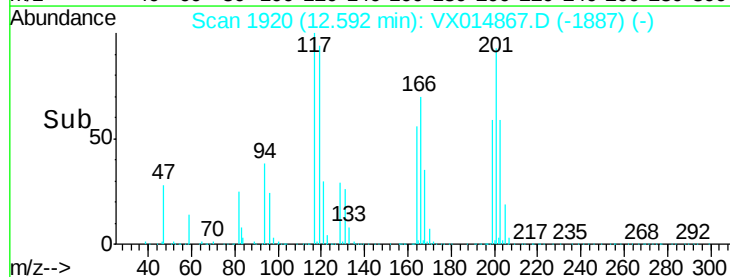
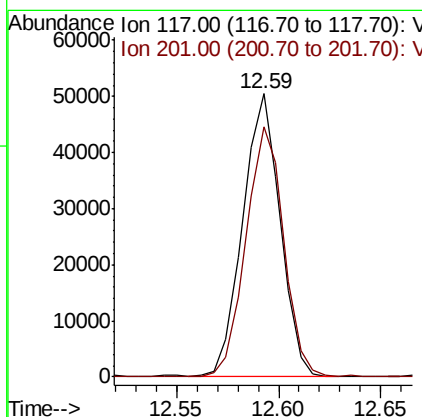
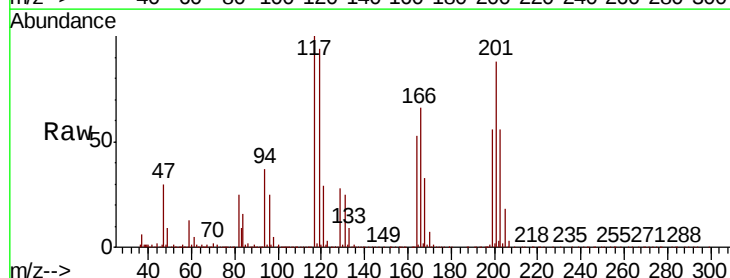
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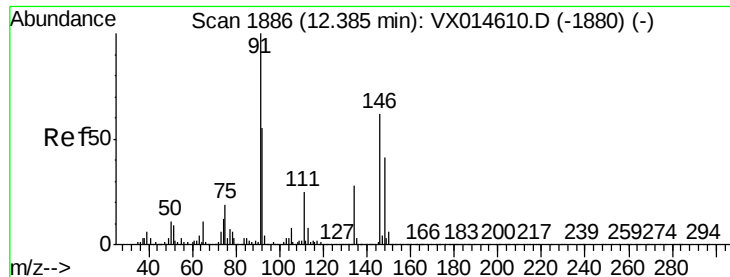
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#86
Hexachloroethane
Concen: 20.444 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014867.D
Acq: 07 Feb 2020 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	64020		
201	89.7	44.8	134.3	





#87

1,2-Dichlorobenzene

Concen: 21.429 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014867.D

Acq: 07 Feb 2020 13:41

Instrument :

MSVOA_X

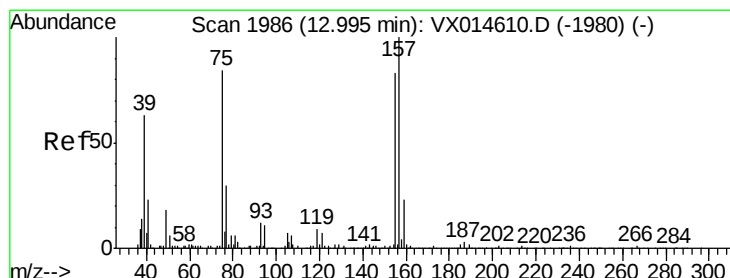
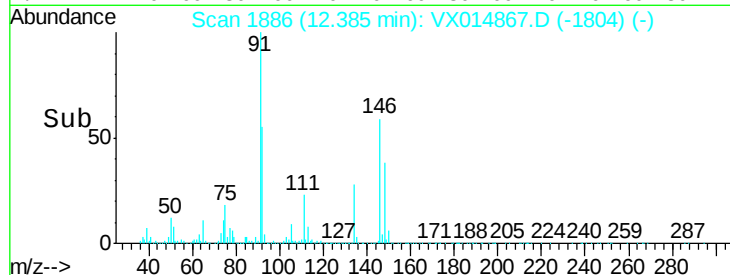
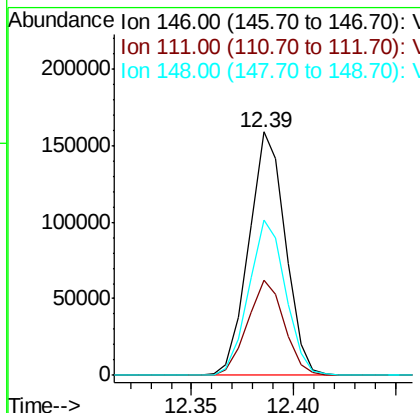
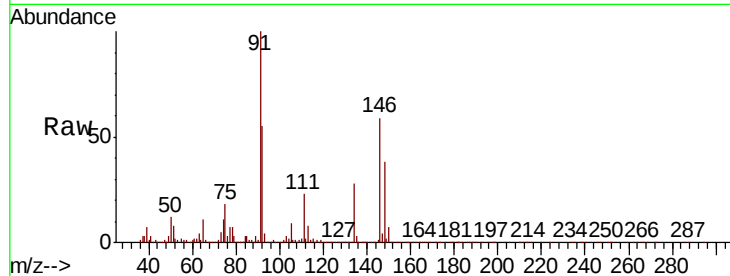
ClientSampleId :

VX0207WBSD01

Tot Ion:	146	Resp:	198430
Ion Ratio	Lower	Upper	
146	100		
111	39.1	20.1	60.2
148	64.1	32.0	96.2

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#88

1,2-Dibromo-3-Chloropropane

Concen: 22.175 ug/l

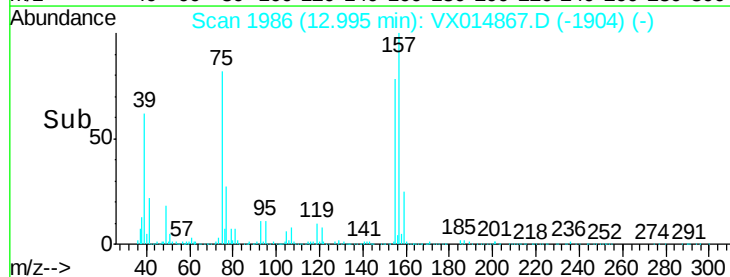
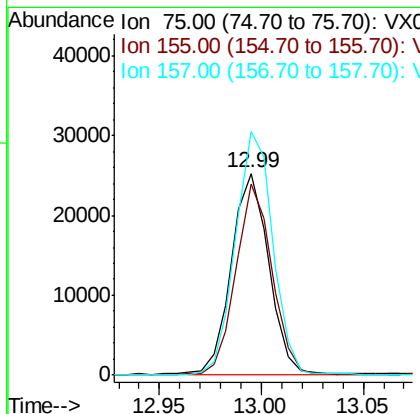
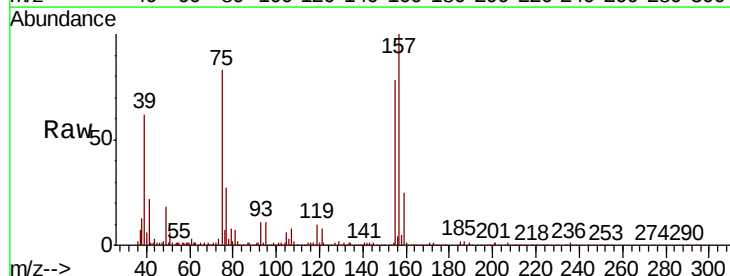
RT: 12.99 min Scan# 1986

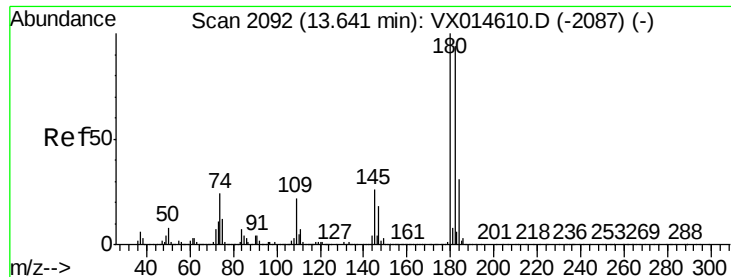
Delta R.T. 0.00 min

Lab File: VX014867.D

Acq: 07 Feb 2020 13:41

Tgt Ion:	75	Resp:	31636
Ion Ratio	Lower	Upper	
75	100		
155	92.9	73.8	110.6
157	122.5	95.0	142.4





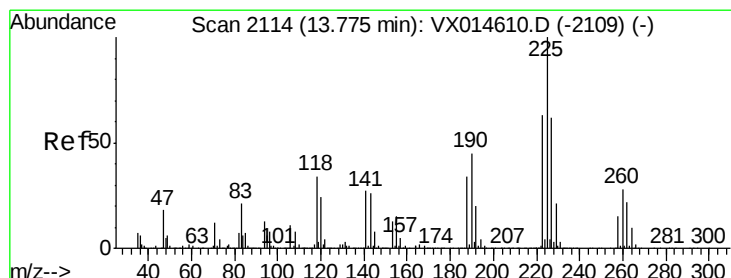
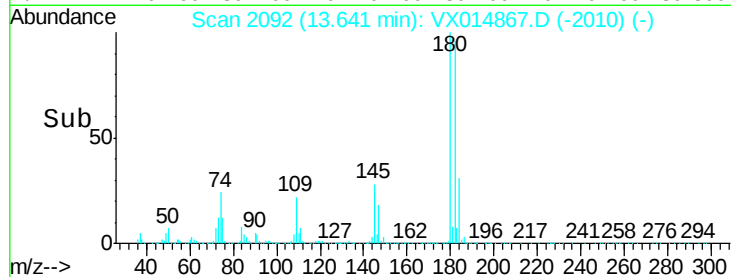
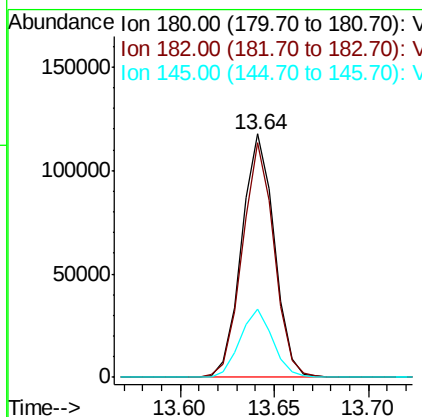
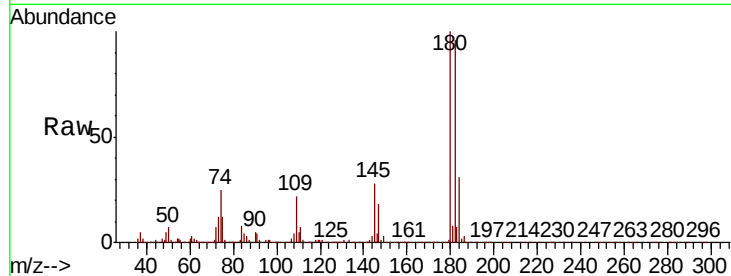
#89
 1,2,4-Trichlorobenzene
 Concen: 23.165 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014867.D
 Acq: 07 Feb 2020 13:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0207WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	141585		
182	93.8	76.4	114.6	
145	28.0	21.9	32.9	

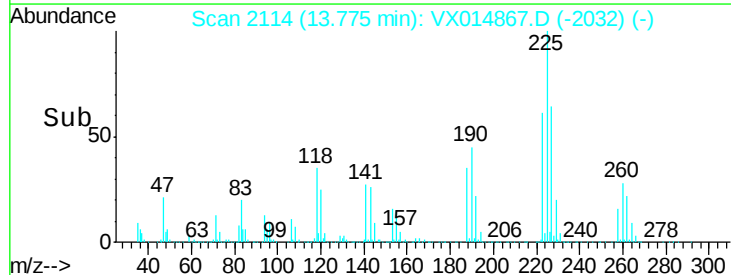
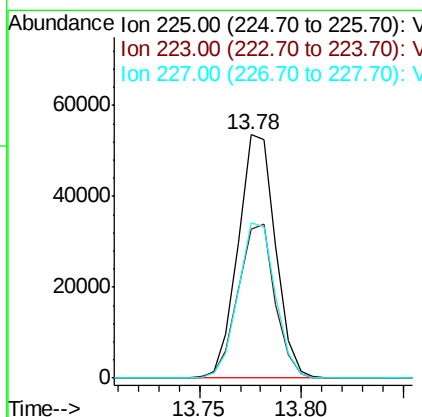
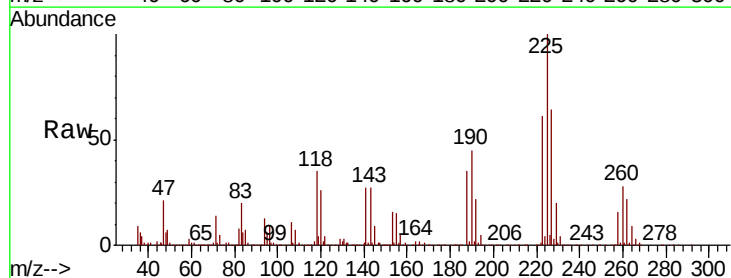
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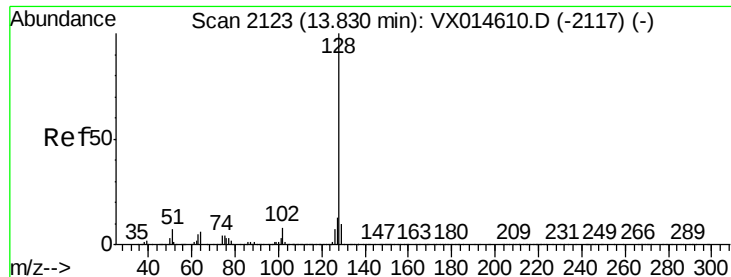
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#90
 Hexachlorobutadiene
 Concen: 22.357 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014867.D
 Acq: 07 Feb 2020 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	68278		
223	62.3	0.0	127.4	
227	63.5	0.0	122.8	





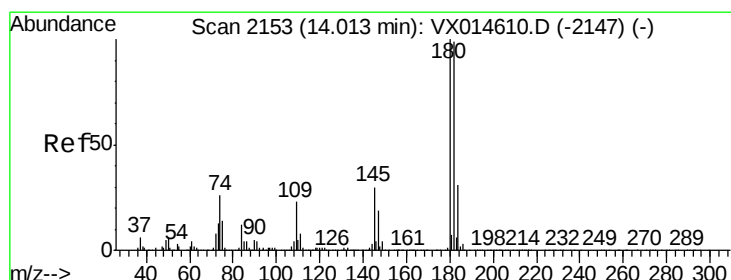
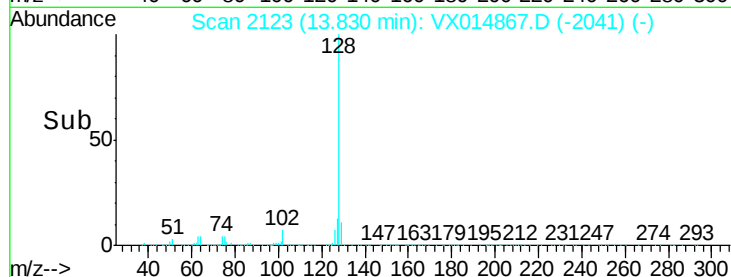
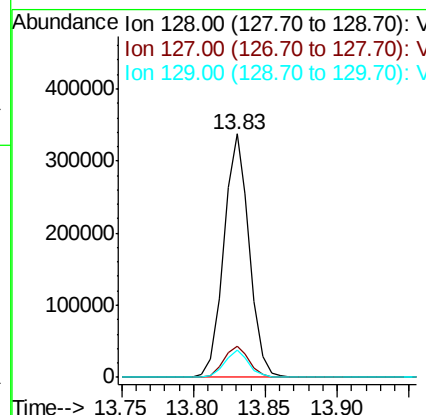
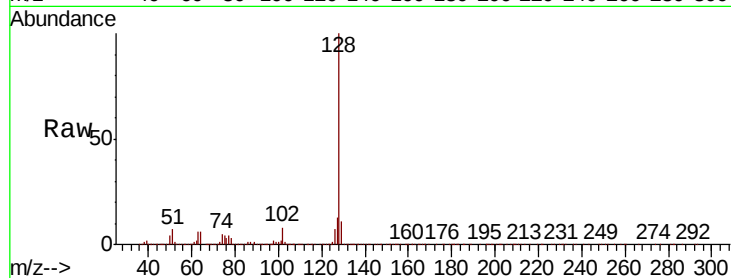
#91
Naphthalene
Concen: 22.531 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014867.D
Acq: 07 Feb 2020 13:41

Instrument :
MSVOA_X
ClientSampleId :
VX0207WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.6	8.9	13.3

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#92
1,2,3-Trichlorobenzene
Concen: 22.730 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014867.D
Acq: 07 Feb 2020 13:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	0.0	192.8
145	29.6	0.0	60.0

