

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012020\
 Data File : VX014667.D
 Acq On : 20 Jan 2020 11:38
 Operator : JC/SP
 Sample : VX0120WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0120WBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/21/2020 2:14:56 PM

Quant Time: Jan 21 00:45:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	415335	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	623470	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	570643	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	281005	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	239285	51.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.22%	
35) Dibromofluoromethane	5.48	113	194248	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	
50) Toluene-d8	8.71	98	732094	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
62) 4-Bromofluorobenzene	11.13	95	262398	48.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	100289	19.603	ug/l	99
3) Chloromethane	1.32	50	106041	20.029	ug/l	100
4) Vinyl Chloride	1.40	62	117224	19.870	ug/l	99
5) Bromomethane	1.63	94	70766	18.096	ug/l	94
6) Chloroethane	1.72	64	65825	19.695	ug/l	98
7) Trichlorofluoromethane	1.92	101	129632	19.371	ug/l	99
8) Diethyl Ether	2.18	74	60669	19.871	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	80812	19.849	ug/l	98
10) Methyl Iodide	2.50	142	95585	19.606	ug/l	99
11) Tert butyl alcohol	3.02	59	104219	107.653	ug/l	99
12) 1,1-Dichloroethene	2.37	96	75497	18.405	ug/l	99
13) Acrolein	2.28	56	55495	71.518	ug/l	96
14) Allyl chloride	2.72	41	141265	19.615	ug/l	99
15) Acrylonitrile	3.12	53	251085	107.460	ug/l	99
16) Acetone	2.43	43	235816	98.911	ug/l	100
17) Carbon Disulfide	2.56	76	198296	17.325	ug/l	99
18) Methyl Acetate	2.76	43	153323	23.008	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	275219	20.900	ug/l	99
20) Methylene Chloride	2.85	84	95532	20.481	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	82628	18.451	ug/l	96
22) Diisopropyl ether	3.84	45	299843	21.544	ug/l	96
23) Vinyl Acetate	3.80	43	1165802	108.190	ug/l	100
24) 1,1-Dichloroethane	3.69	63	154608	20.420	ug/l	99
25) 2-Butanone	4.65	43	360968	104.224	ug/l	100
26) 2,2-Dichloropropane	4.58	77	121365	18.923	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	96963	19.368	ug/l	99
28) Bromochloromethane	5.00	49	67835	21.263	ug/l	94
29) Tetrahydrofuran	5.11	42	224843	109.803	ug/l	97
30) Chloroform	5.20	83	152764	20.648	ug/l	97
31) Cyclohexane	5.58	56	139215	19.644	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	123342	19.476	ug/l	98
36) 1,1-Dichloropropene	5.79	75	112741	19.229	ug/l	98
37) Ethyl Acetate	4.82	43	135981	21.352	ug/l	99
38) Carbon Tetrachloride	5.78	117	108755	20.157	ug/l	98

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Quant Time: Jan 21 00:45:10 2020
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 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	141144	19.161	ug/l	96
40) Benzene	6.13	78	351811	20.217	ug/l	100
41) Methacrylonitrile	5.02	41	73508	21.644	ug/l	99
42) 1,2-Dichloroethane	6.18	62	126679	20.820	ug/l	98
43) Isopropyl Acetate	6.43	43	217434	21.135	ug/l	100
44) Trichloroethene	7.20	130	95844	19.165	ug/l	99
45) 1,2-Dichloropropane	7.50	63	96471	21.744	ug/l	97
46) Dibromomethane	7.65	93	60667	19.592	ug/l	98
47) Bromodichloromethane	7.89	83	117525	20.858	ug/l	98
48) Methyl methacrylate	7.76	41	105845	21.481	ug/l	98
49) 1,4-Dioxane	7.73	88	44865	429.712	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	698641	111.440	ug/l	99
52) Toluene	8.78	92	220219	19.769	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	131132	19.990	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	144707	20.421	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	93069	20.801	ug/l	99
56) Ethyl methacrylate	9.17	69	139460	20.345	ug/l	95
57) 1,3-Dichloropropane	9.36	76	157558	21.061	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	249096	106.804	ug/l	98
59) 2-Hexanone	9.48	43	527948	106.431	ug/l	98
60) Dibromochloromethane	9.57	129	92835	20.643	ug/l	99
61) 1,2-Dibromoethane	9.67	107	95330	20.113	ug/l	100
64) Tetrachloroethene	9.33	164	100183	17.517	ug/l	98
65) Chlorobenzene	10.13	112	236980	19.136	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.21	131	87161	19.722	ug/l	99
67) Ethyl Benzene	10.25	91	415870	19.702	ug/l	97
68) m/p-Xylenes	10.36	106	312690	38.399	ug/l	98
69) o-Xylene	10.70	106	150757	19.403	ug/l	98
70) Styrene	10.71	104	257658	19.216	ug/l	99
71) Bromoform	10.85	173	71578	19.795	ug/l #	99
73) Isopropylbenzene	11.01	105	404348	20.491	ug/l	100
74) N-amyl acetate	10.89	43	184275	21.167	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	139089	21.979	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	119123m	20.489	ug/l	
77) Bromobenzene	11.25	156	106302	19.426	ug/l	98
78) n-propylbenzene	11.35	91	456616	20.205	ug/l	99
79) 2-Chlorotoluene	11.42	91	274367	20.371	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	341103	20.821	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	43676	19.861	ug/l	93
82) 4-Chlorotoluene	11.51	91	319466	20.207	ug/l	97
83) tert-Butylbenzene	11.76	119	317650	20.521	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	340712	20.582	ug/l	99
85) sec-Butylbenzene	11.94	105	396342	20.596	ug/l	99
86) p-Isopropyltoluene	12.06	119	356843	19.984	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	184929	18.830	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	187072	19.923	ug/l	98
89) n-Butylbenzene	12.39	91	305523	18.713	ug/l	99
90) Hexachloroethane	12.59	117	62432	19.904	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	189006	19.643	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	29484	20.713	ug/l	97

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ClientSampleId :
VX0120WBSD01

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Quant Title : SW846 8260
QLast Update : Tue Jan 07 15:54:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	127643	18.831	ug/l	100
94) Hexachlorobutadiene	13.78	225	62320	19.741	ug/l	97
95) Naphthalene	13.83	128	380126	18.135	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	128544	19.229	ug/l	99

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

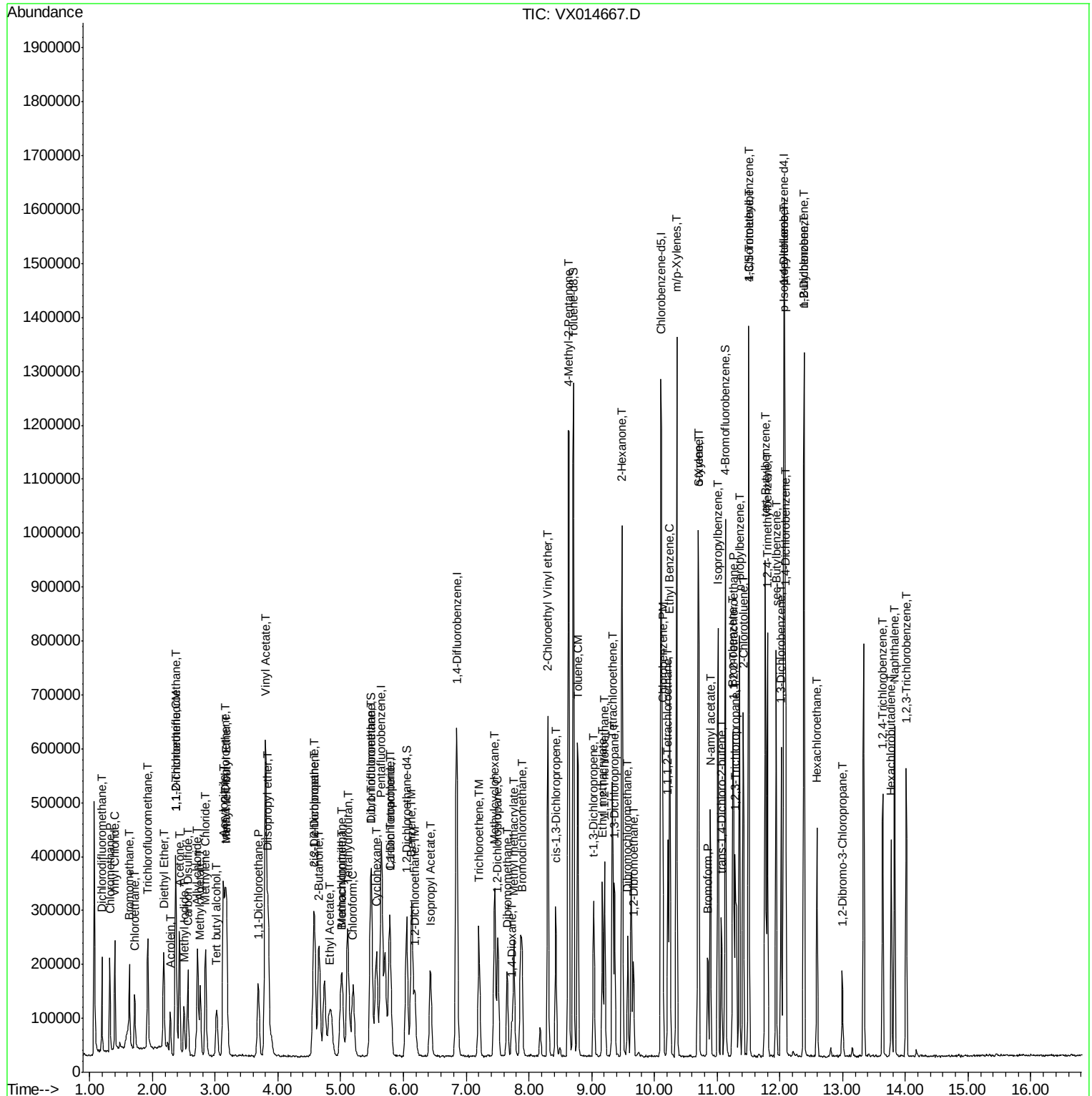
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012020\
Data File : VX014667.D
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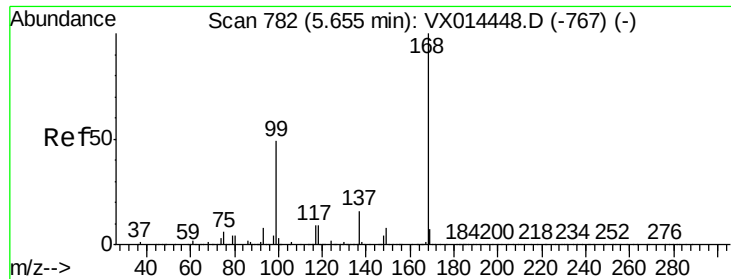
Instrument :
MSVOA_X
ClientSampleID :
VX0120WBSD01

Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX0120WBSD01

Tot Ion:168 Resp: 415335

Ion Ratio Lower Upper

168 100

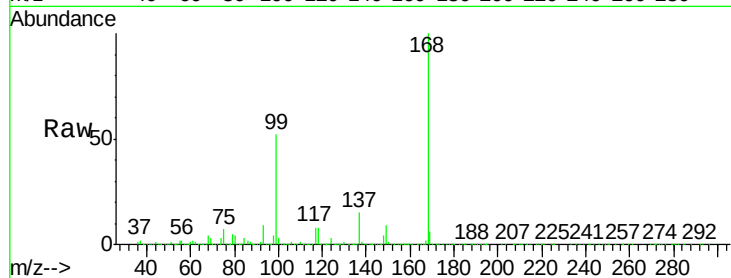
99 51.5 39.2 58.8

Manual Integrations

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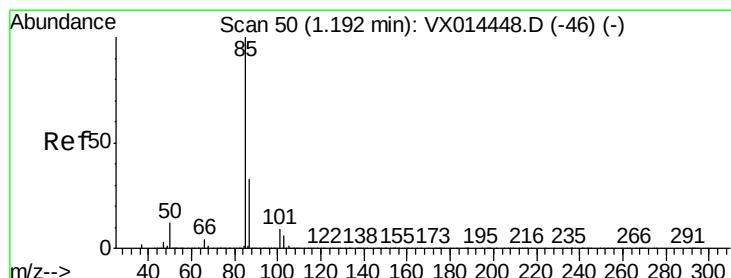
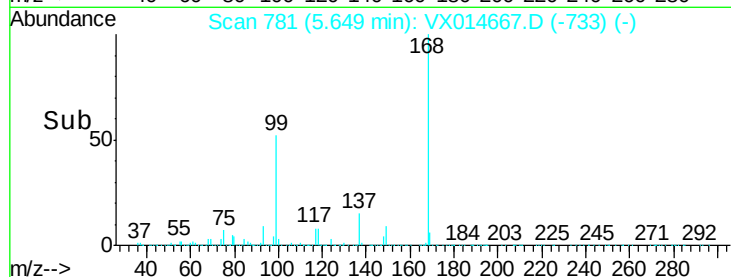
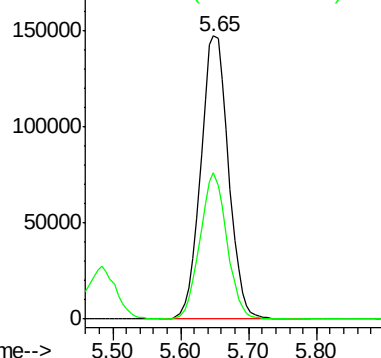
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.603 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014667.D

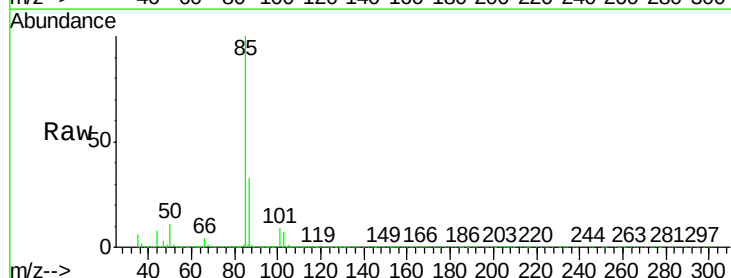
Acq: 20 Jan 2020 11:38

Tgt Ion: 85 Resp: 100289

Ion Ratio Lower Upper

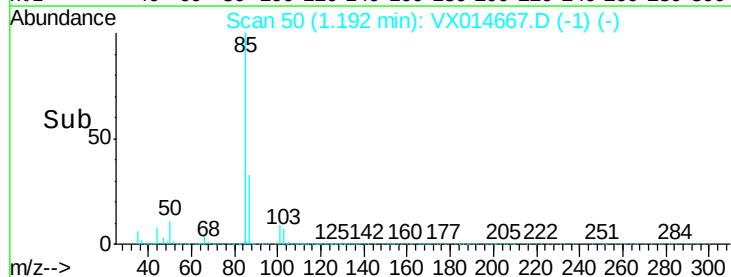
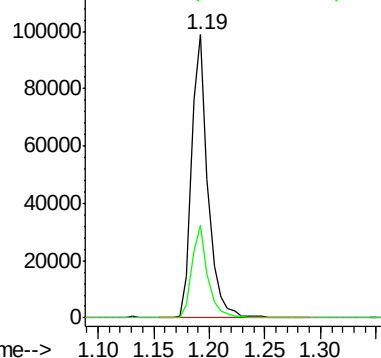
85 100

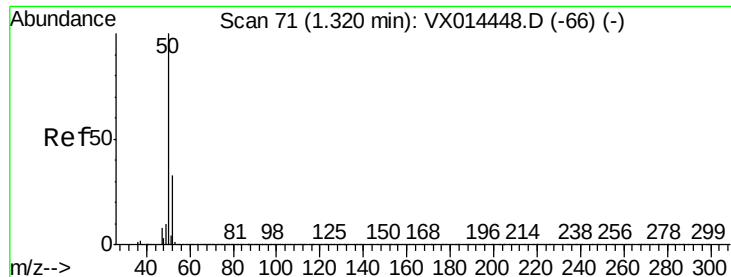
87 32.6 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 20.029 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX0120WBSD01

Tot Ion: 50 Resp: 106041

Ion Ratio Lower Upper

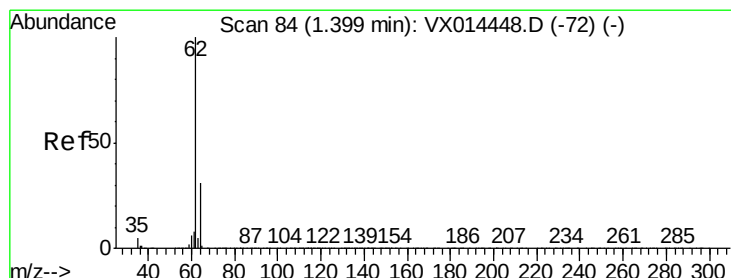
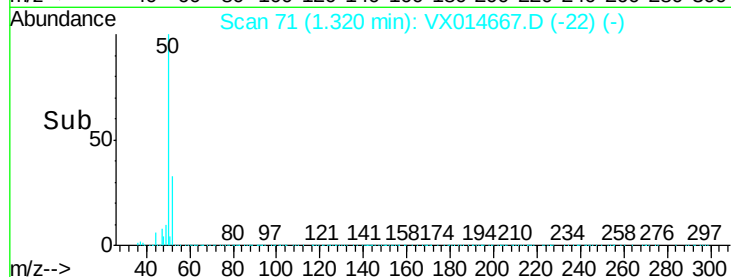
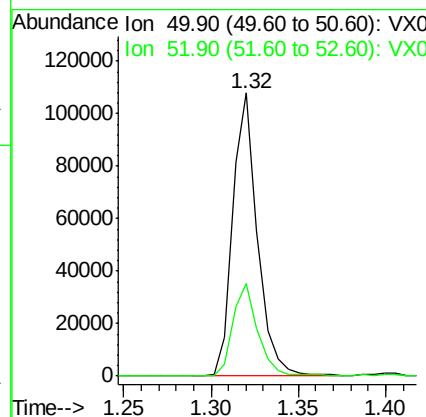
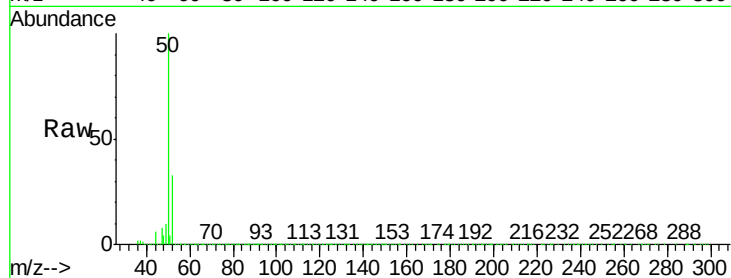
50 100

52 32.4 26.1 39.1

Manual Integrations
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#4

Vinyl Chloride

Concen: 19.870 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014667.D

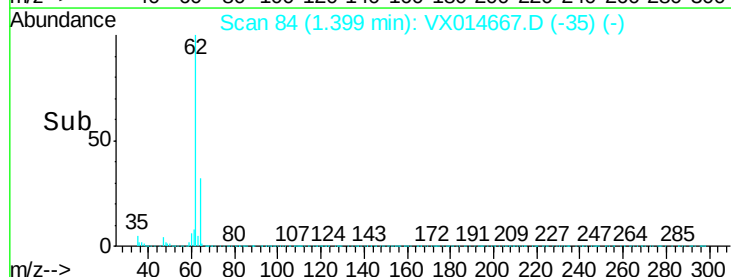
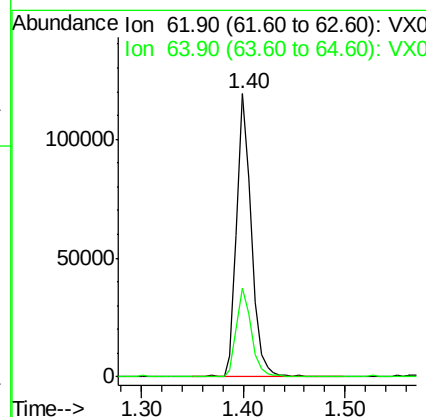
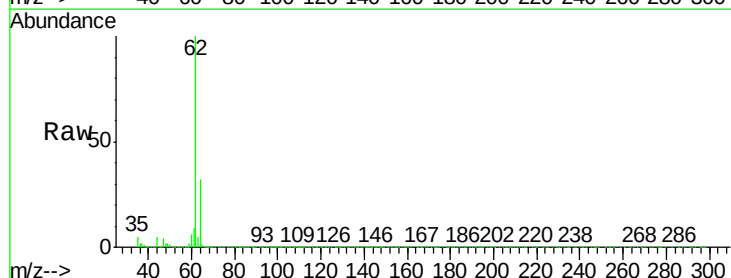
Acq: 20 Jan 2020 11:38

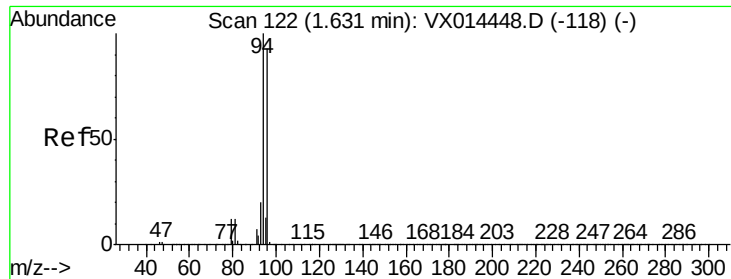
Tgt Ion: 62 Resp: 117224

Ion Ratio Lower Upper

62 100

64 31.4 24.6 37.0





#5

Bromomethane

Concen: 18.096 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX0120WBSD01

Tot Ion: 94 Resp: 70766

Ion Ratio Lower Upper

94 100

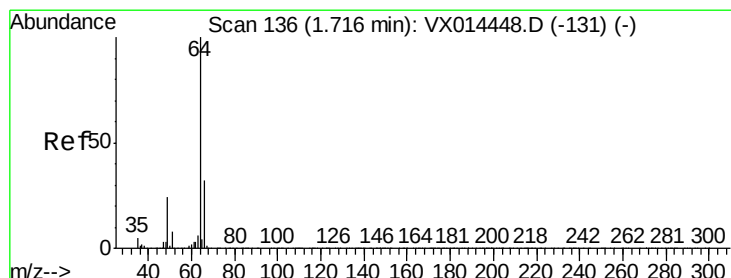
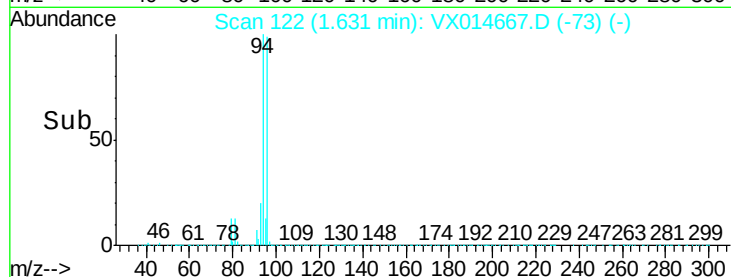
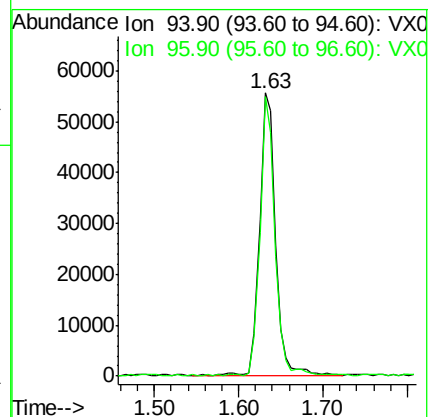
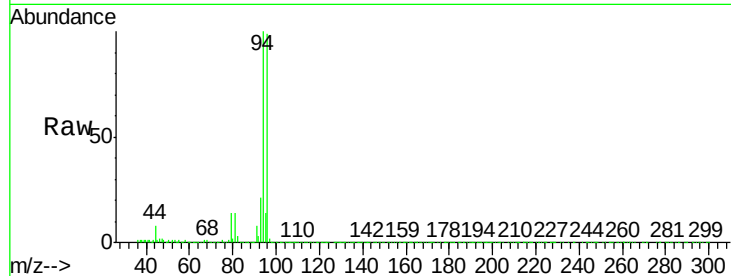
96 98.7 74.2 111.2

Manual Integrations

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#6

Chloroethane

Concen: 19.695 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014667.D

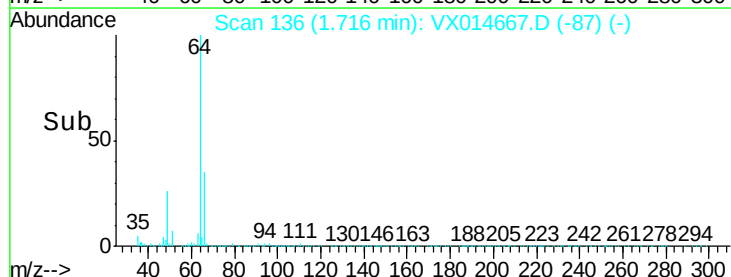
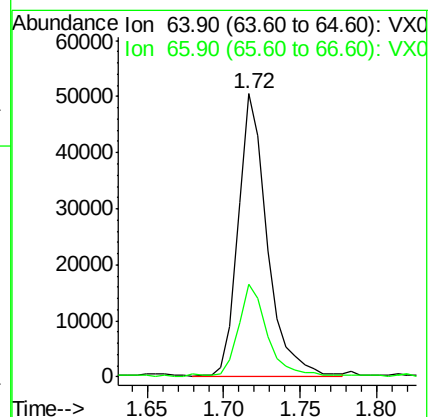
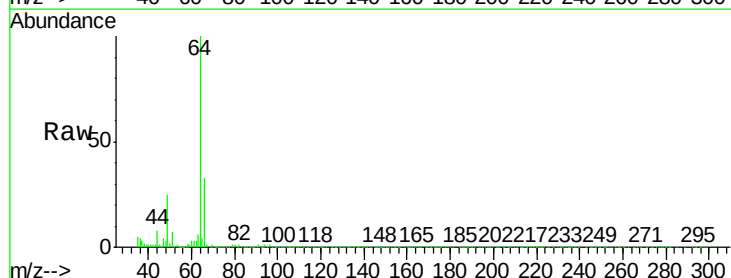
Acq: 20 Jan 2020 11:38

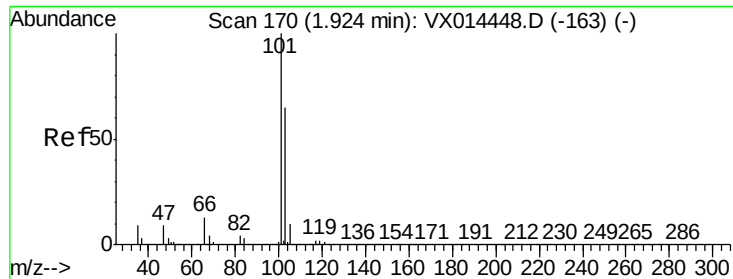
Tgt Ion: 64 Resp: 65825

Ion Ratio Lower Upper

64 100

66 32.4 25.3 37.9





#7

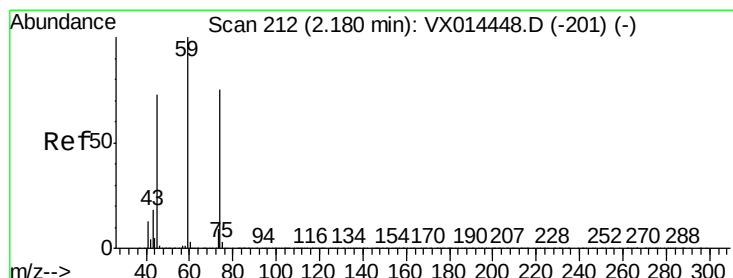
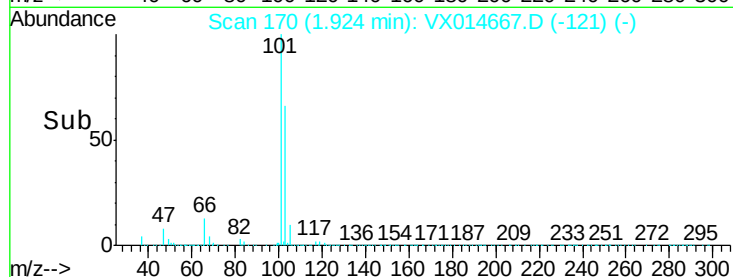
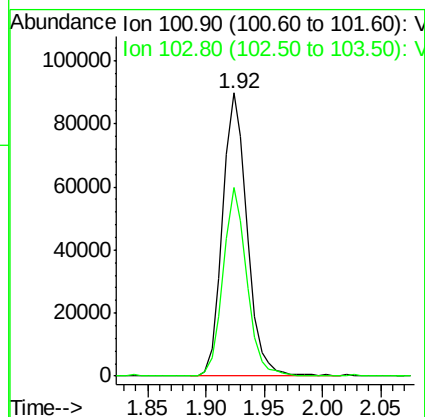
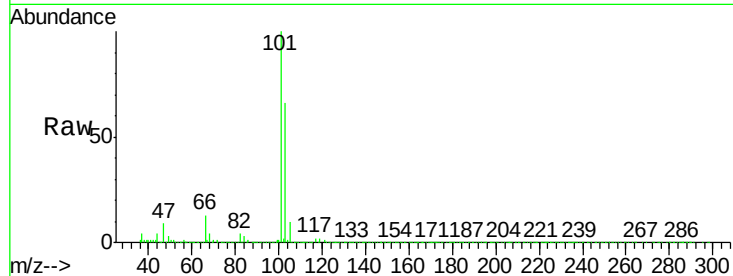
Trichlorofluoromethane
Concen: 19.371 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014667.D
Acq: 20 Jan 2020 11:38

Instrument :
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ClientSampleId :
VX0120WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.5	52.2	78.4

Manual Integrations
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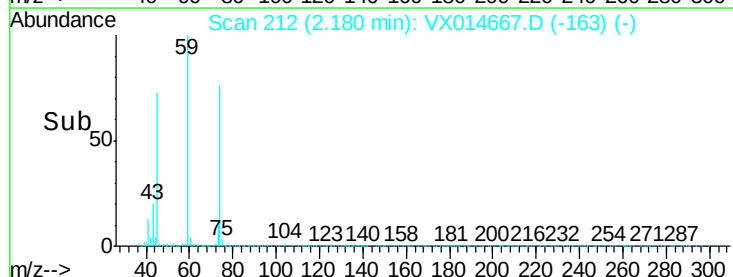
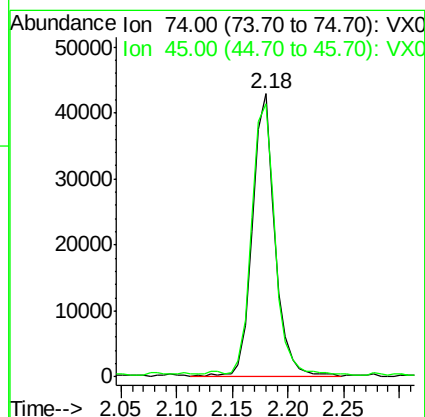
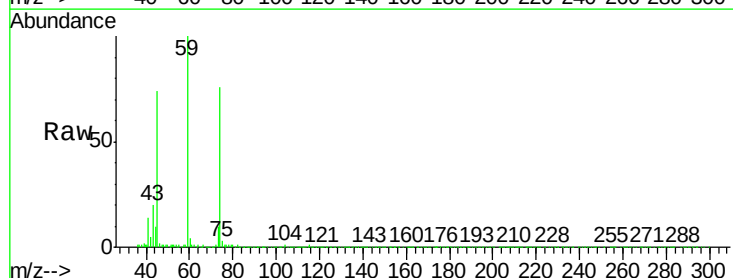
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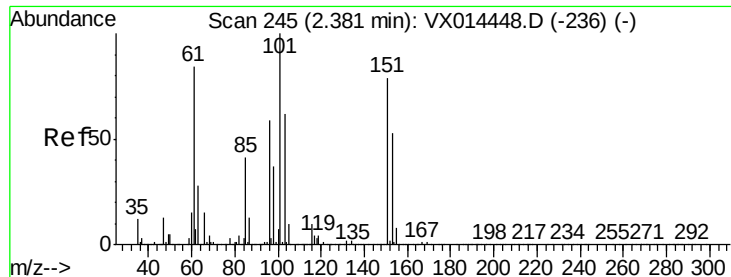


#8

Diethyl Ether
Concen: 19.871 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014667.D
Acq: 20 Jan 2020 11:38

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.2	48.7	146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.849 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

Instrument :

MSVOA_X

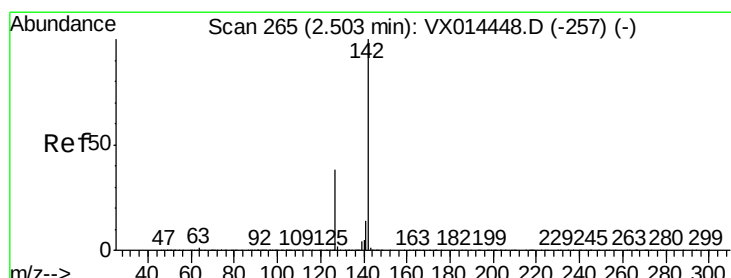
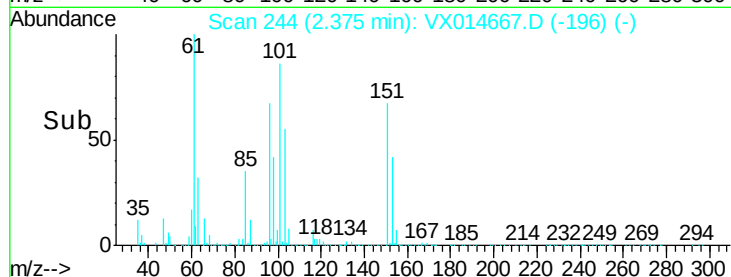
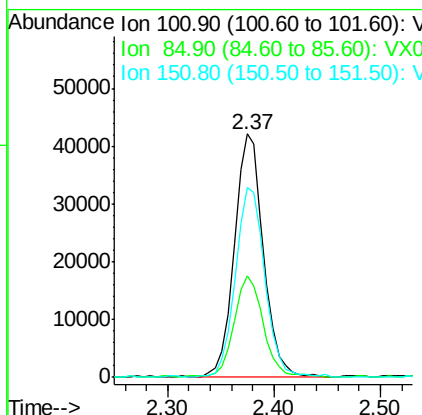
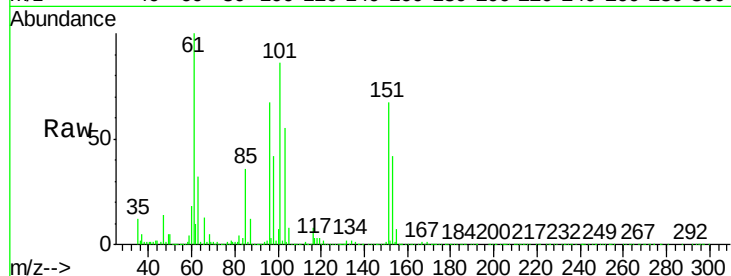
ClientSampleId :

VX0120WBSD01

Tot Ion:	101	Resp:	80812
Ion Ratio	Lower	Upper	
101	100		
85	41.3	33.8	50.8
151	79.0	65.3	97.9

Manual Integrations
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#10

Methyl Iodide

Concen: 19.606 ug/l

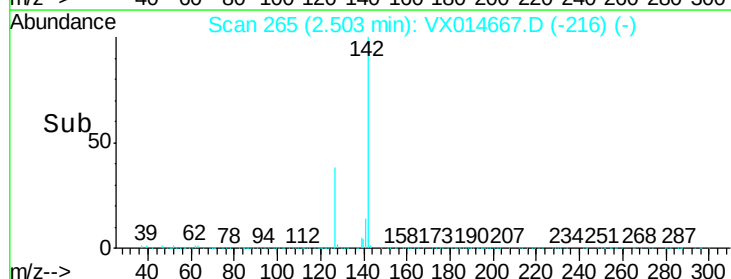
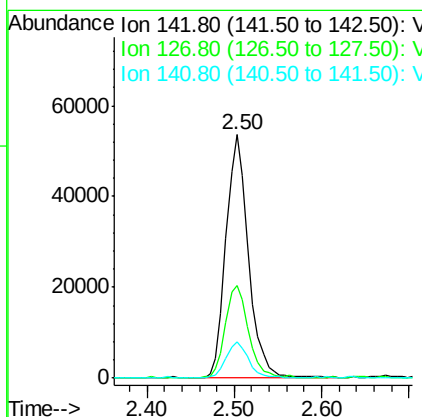
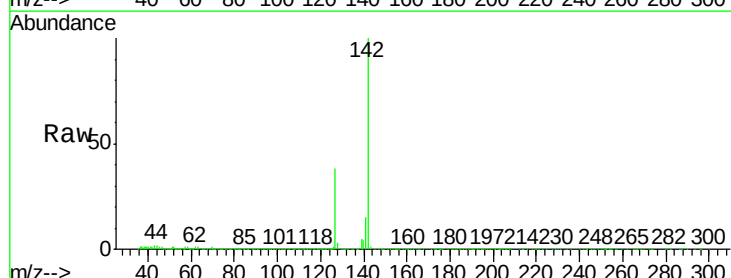
RT: 2.50 min Scan# 265

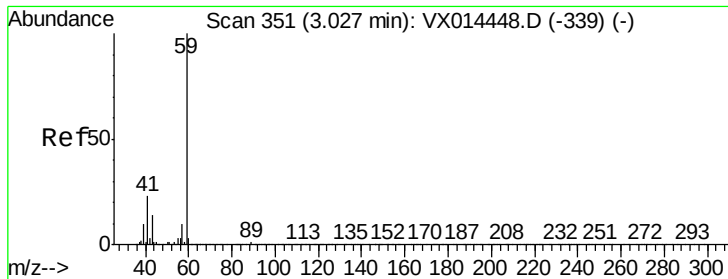
Delta R.T. 0.00 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

Tgt Ion:	142	Resp:	95585
Ion Ratio	Lower	Upper	
142	100		
127	39.8	31.2	46.8
141	14.8	11.4	17.2





#11

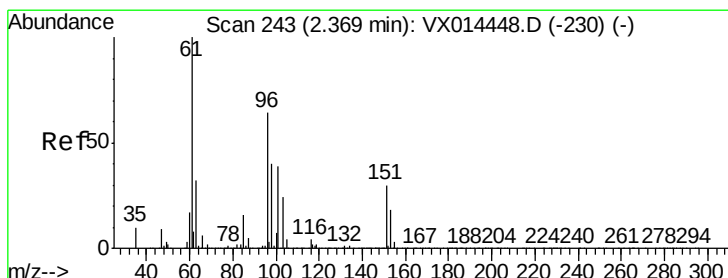
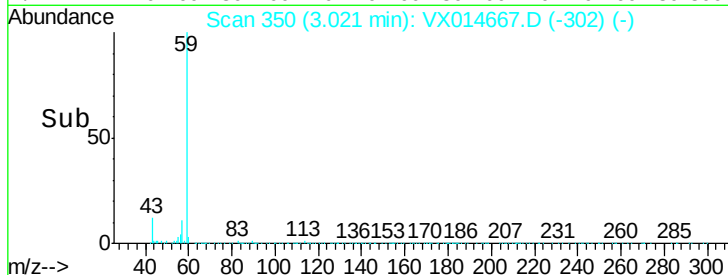
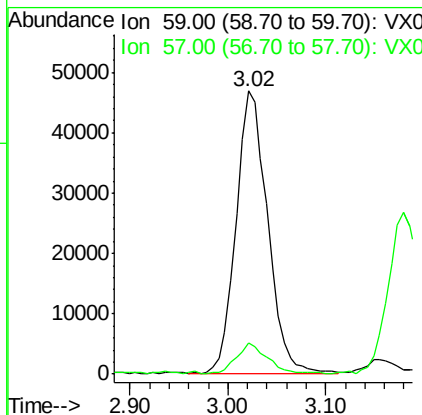
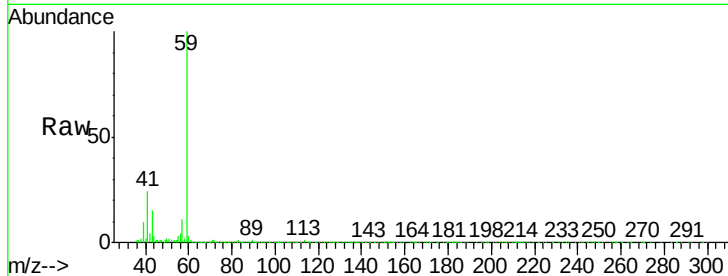
Tert butyl alcohol
Concen: 107.653 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX014667.D
Acq: 20 Jan 2020 11:38

Instrument :
MSVOA_X
ClientSampled :
VX0120WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.5	12.7

Manual Integrations
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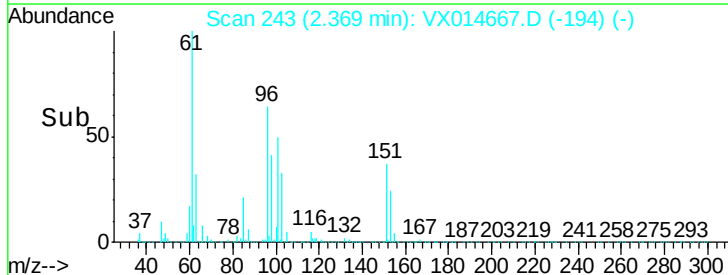
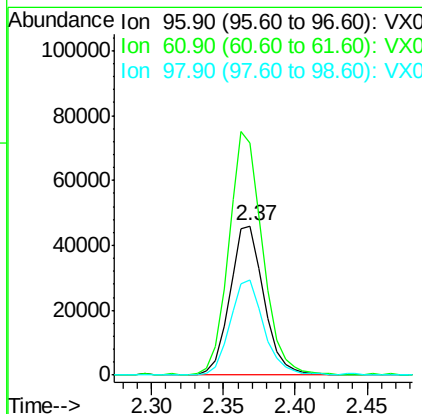
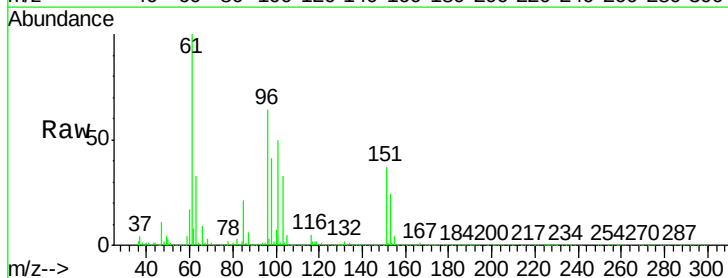
MMDadoda
1/21/2020 2:14:56 PM

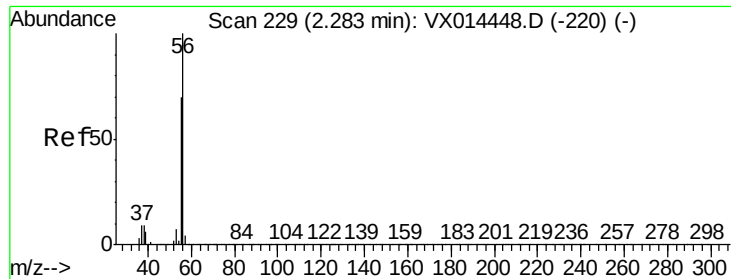


#12

1,1-Dichloroethene
Concen: 18.405 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX014667.D
Acq: 20 Jan 2020 11:38

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.1	125.0	187.6
98	63.4	50.2	75.2





#13

Acrolein

Concen: 71.518 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX0120WBSD01

Tot Ion: 56 Resp: 55495

Ion Ratio Lower Upper

56 100

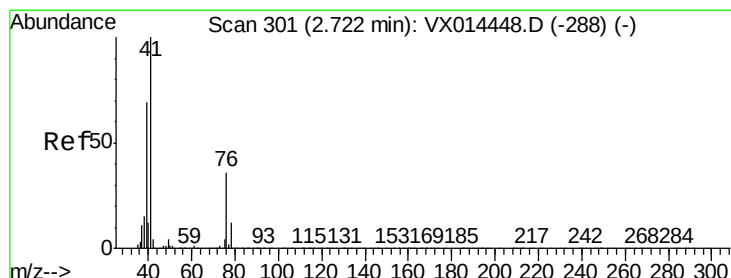
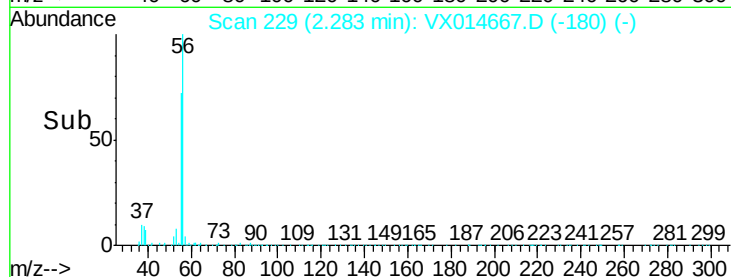
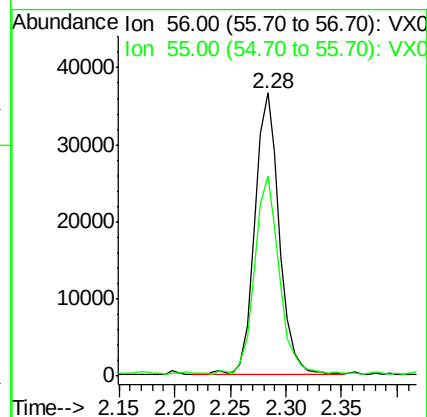
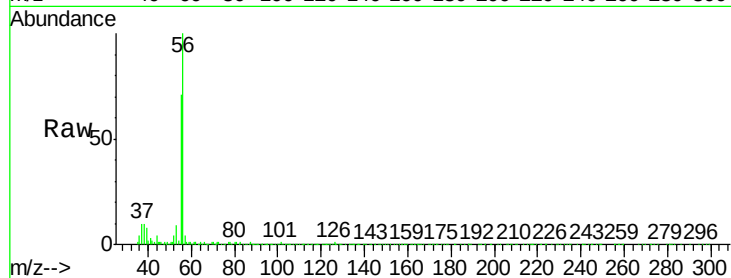
55 72.2 55.0 82.6

Manual Integrations

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#14

Allyl chloride

Concen: 19.615 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.00 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

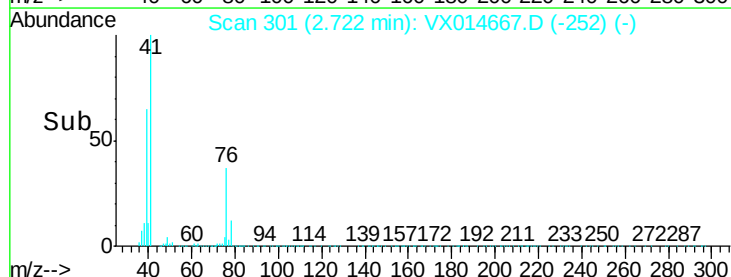
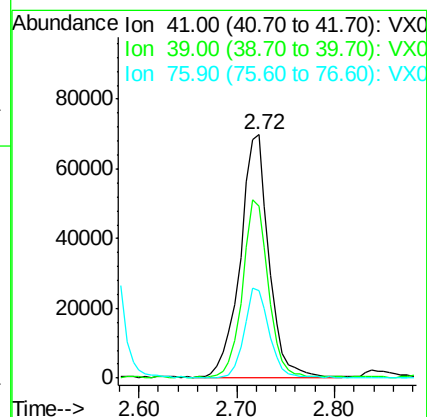
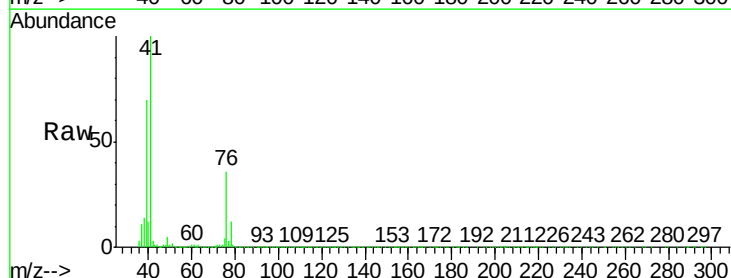
Tgt Ion: 41 Resp: 141265

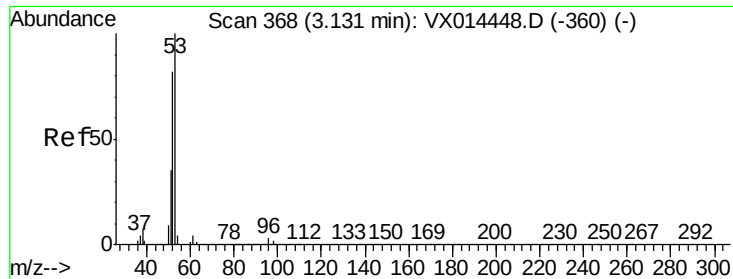
Ion Ratio Lower Upper

41 100

39 65.4 51.7 77.5

76 32.9 26.8 40.2





#15

Acrylonitrile

Concen: 107.460 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

Instrument :

MSVOA_X

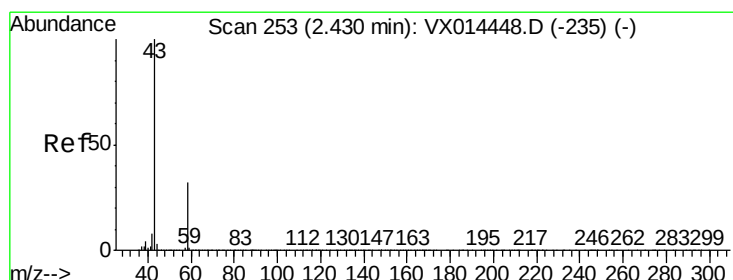
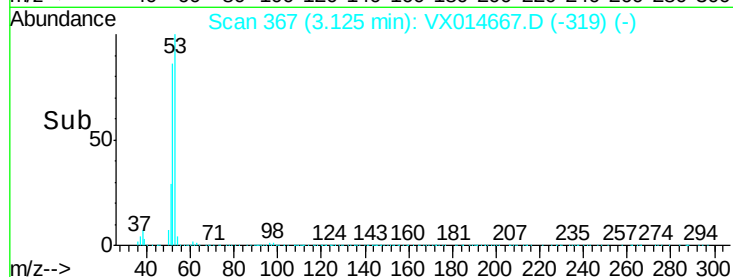
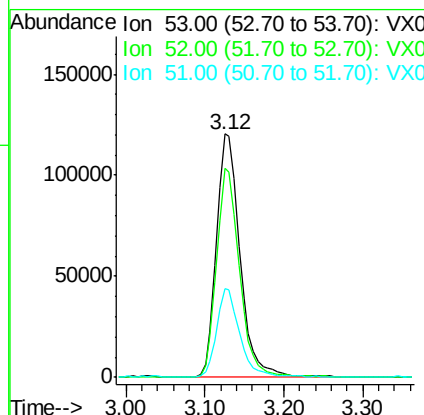
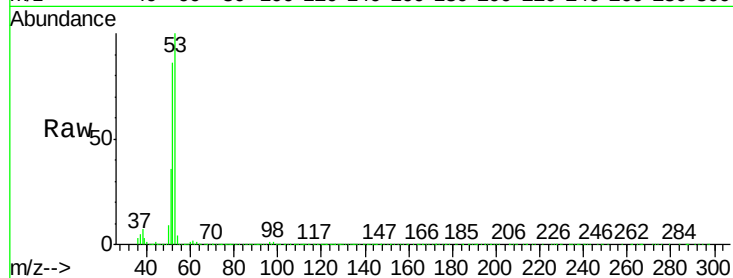
ClientSampleId :

VX0120WBSD01

Tot Ion:	53	Resp:	251085
Ion Ratio		Lower	Upper
53	100		
52	83.1	67.0	100.4
51	35.8	28.5	42.7

Manual Integrations
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#16

Acetone

Concen: 98.911 ug/l

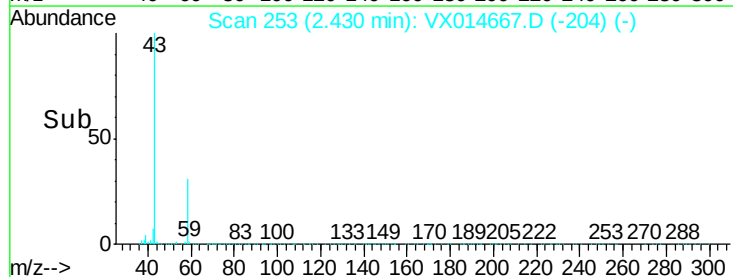
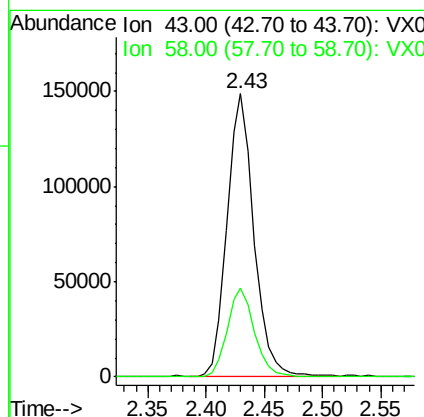
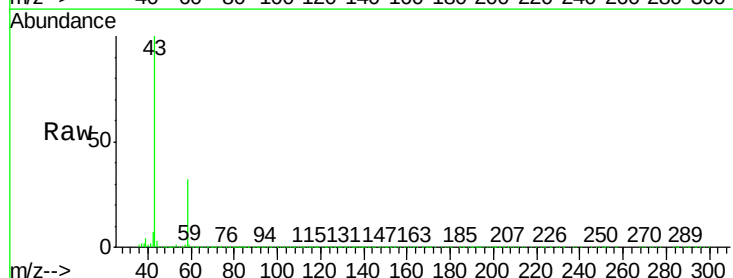
RT: 2.43 min Scan# 253

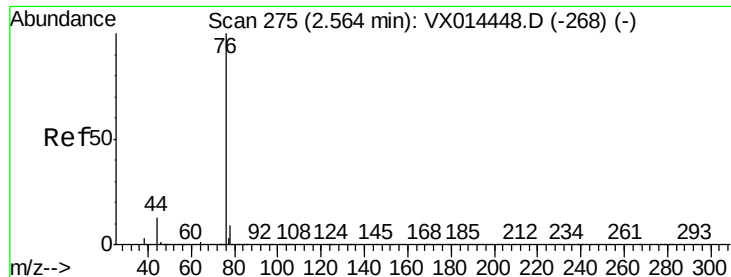
Delta R.T. 0.00 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

Tgt Ion:	43	Resp:	235816
Ion Ratio		Lower	Upper
43	100		
58	31.5	25.4	38.0





#17

Carbon Disulfide

Concen: 17.325 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX0120WBSD01

Tot Ion: 76 Resp: 198296

Ion Ratio Lower Upper

76 100

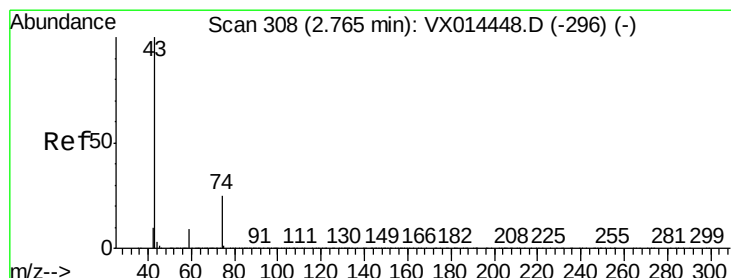
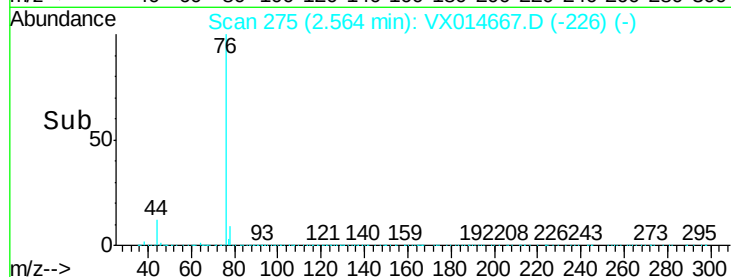
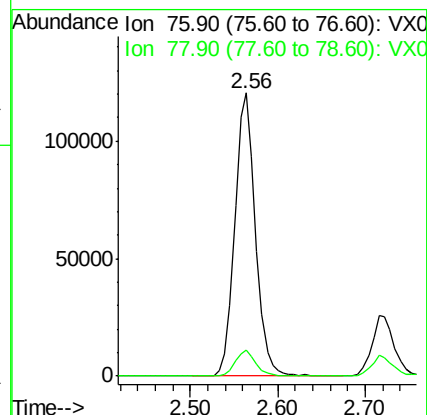
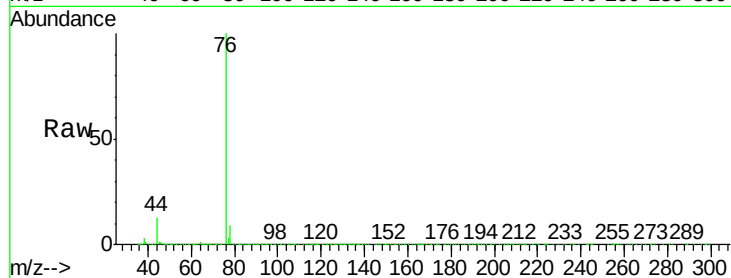
78 8.8 7.4 11.2

Manual Integrations

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#18

Methyl Acetate

Concen: 23.008 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014667.D

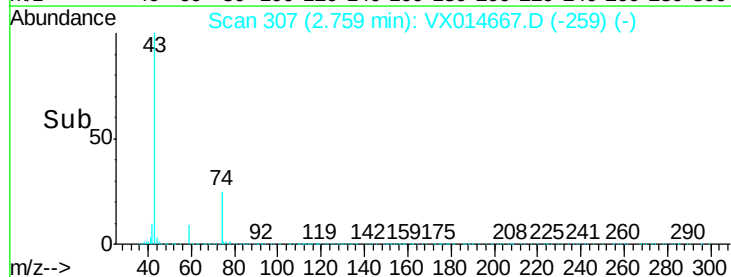
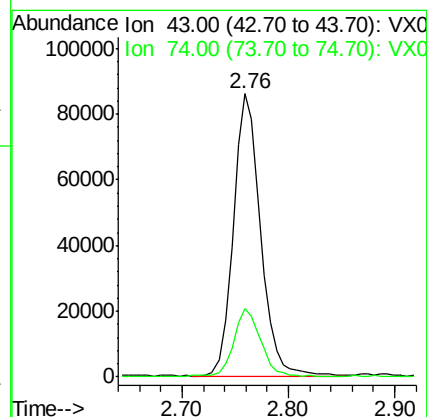
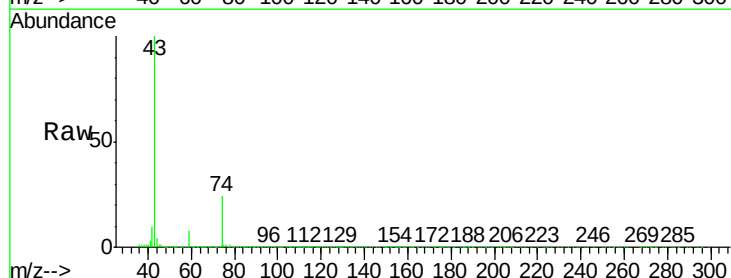
Acq: 20 Jan 2020 11:38

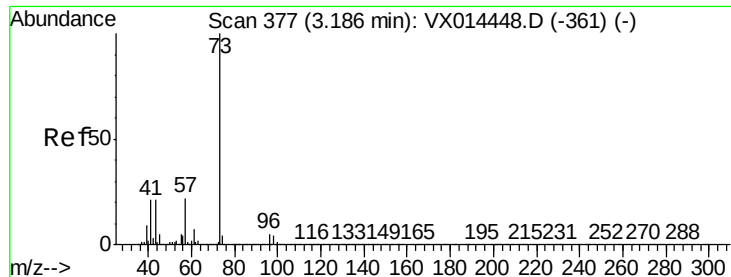
Tgt Ion: 43 Resp: 153323

Ion Ratio Lower Upper

43 100

74 23.8 19.4 29.2





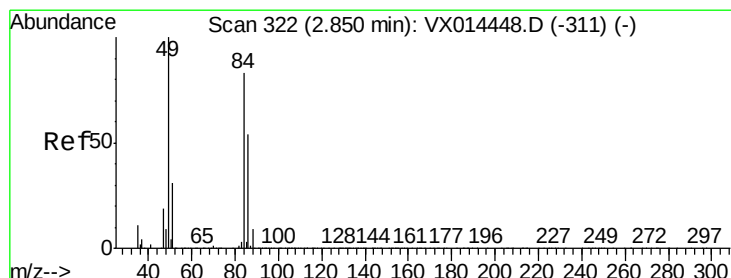
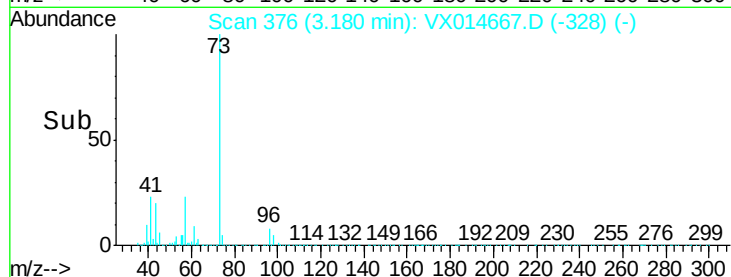
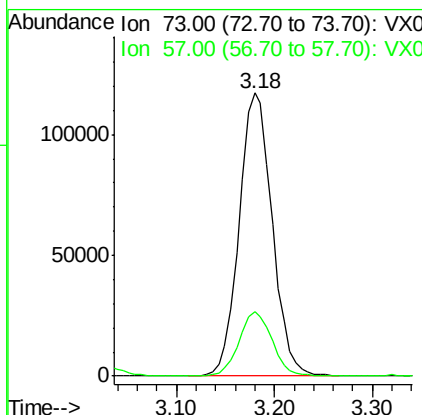
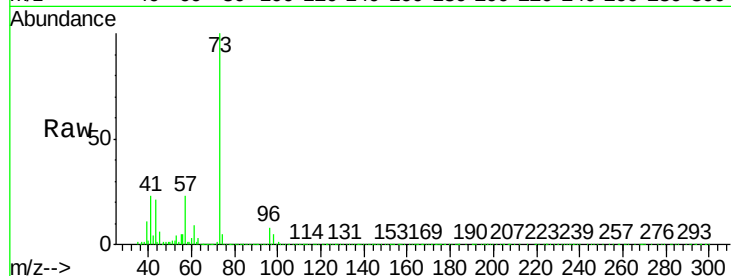
#19
Methyl tert-butyl Ether
Concen: 20.900 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014667.D
Acq: 20 Jan 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX0120WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.7	17.8	26.8

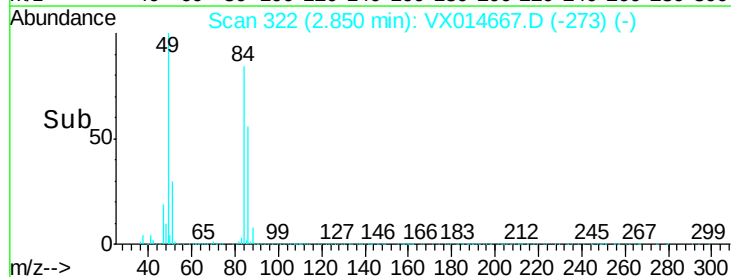
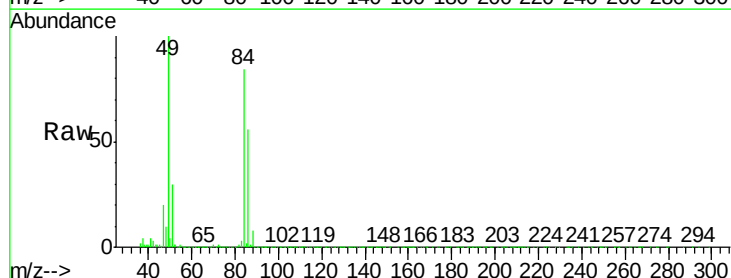
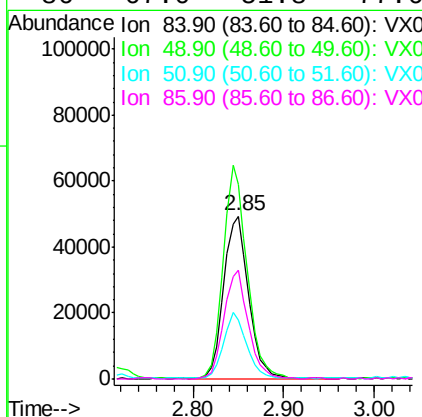
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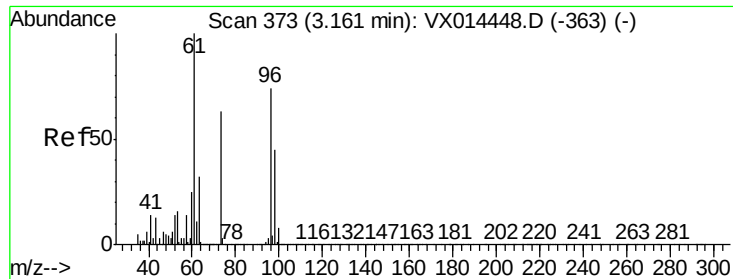
MMDadoda
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#20
Methylene Chloride
Concen: 20.481 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014667.D
Acq: 20 Jan 2020 11:38

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.3	95.8	143.8
51	35.7	30.2	45.4
86	67.0	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 18.451 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

Instrument :

MSVOA_X

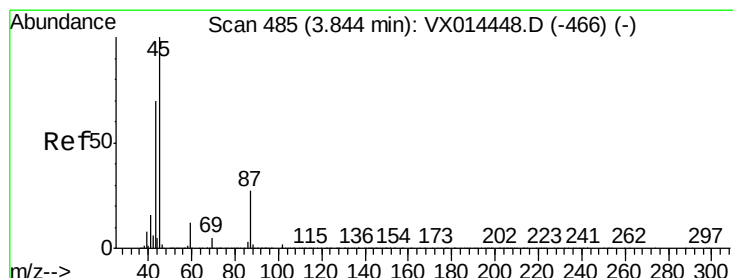
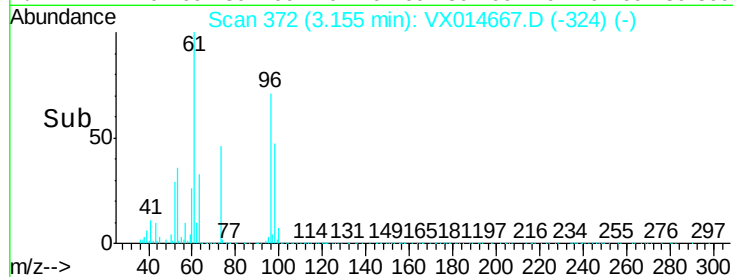
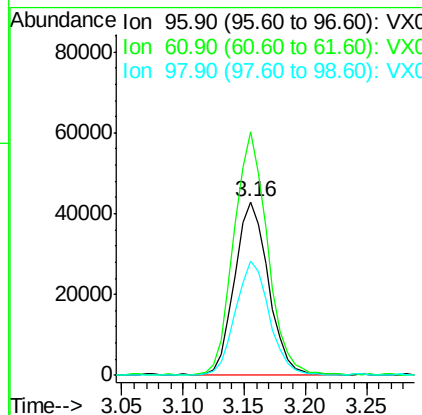
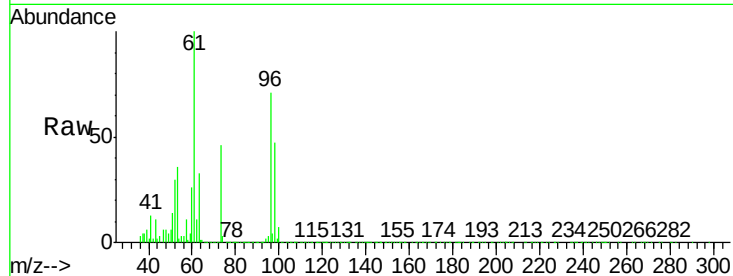
ClientSampleId :

VX0120WBSD01

Tot Ion:	96	Resp:	82628
Ion Ratio	Lower	Upper	
96	100		
61	139.6	108.2	162.4
98	66.0	48.8	73.2

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#22

Diisopropyl ether

Concen: 21.544 ug/l

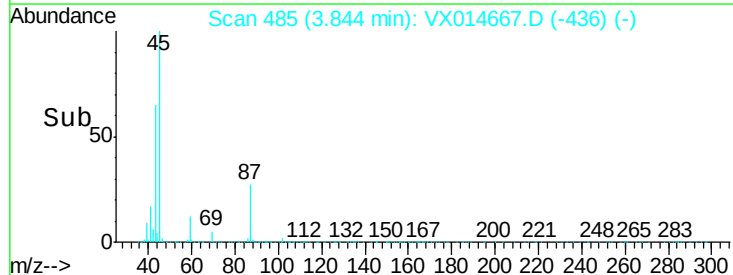
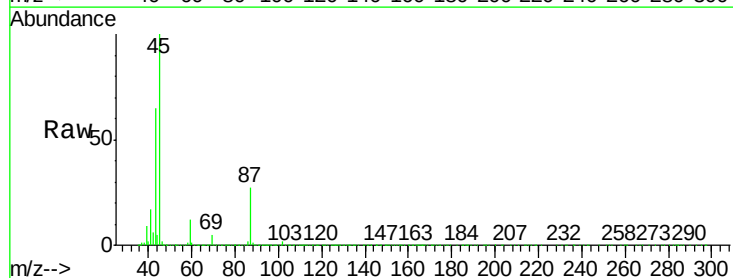
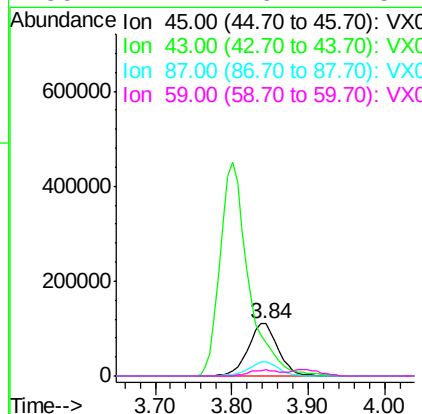
RT: 3.84 min Scan# 485

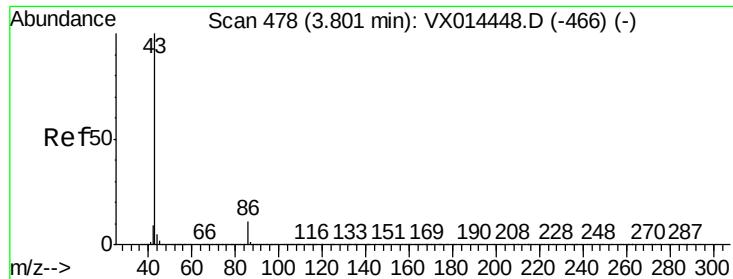
Delta R.T. 0.00 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

Tgt Ion:	45	Resp:	299843
Ion Ratio	Lower	Upper	
45	100		
43	64.6	55.8	83.6
87	26.4	21.8	32.8
59	11.4	9.1	13.7





#23

Vinyl Acetate

Concen: 108.190 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX0120WBSD01

Tot Ion: 43 Resp: 1165802

Ion Ratio Lower Upper

43 100

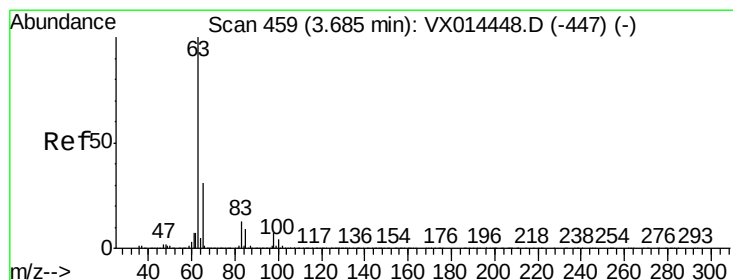
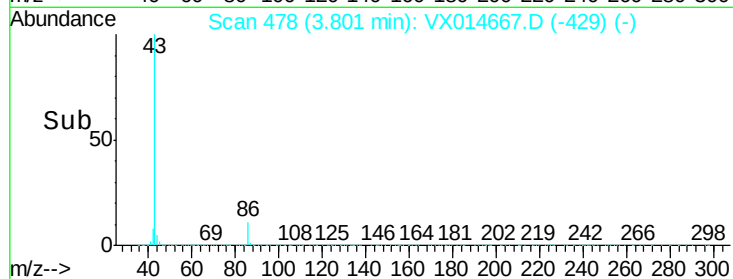
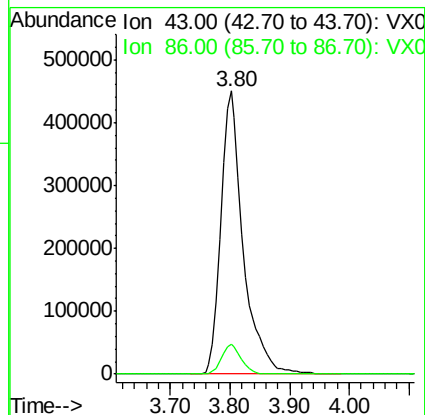
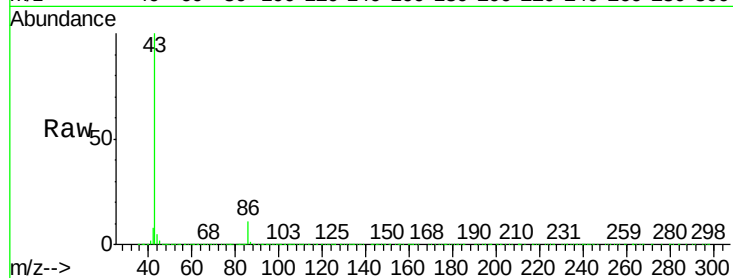
86 10.7 8.4 12.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 20.420 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

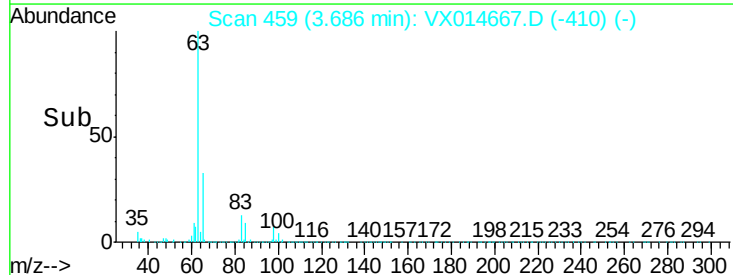
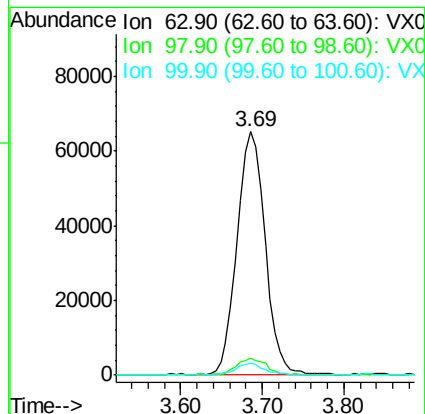
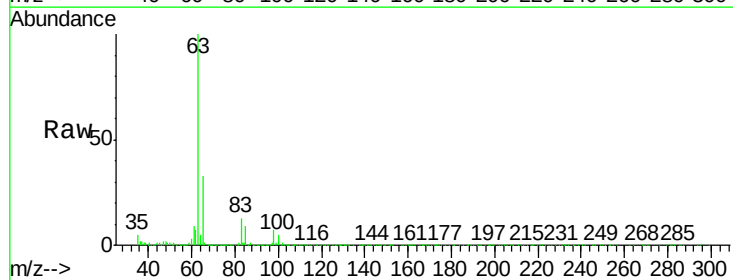
Tgt Ion: 63 Resp: 154608

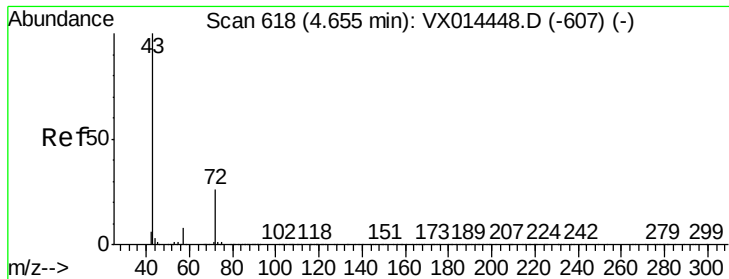
Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.9

100 4.5 2.3 6.8





#25

2-Butanone

Concen: 104.224 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX0120WBSD01

Tot Ion: 43 Resp: 360968

Ion Ratio Lower Upper

43 100

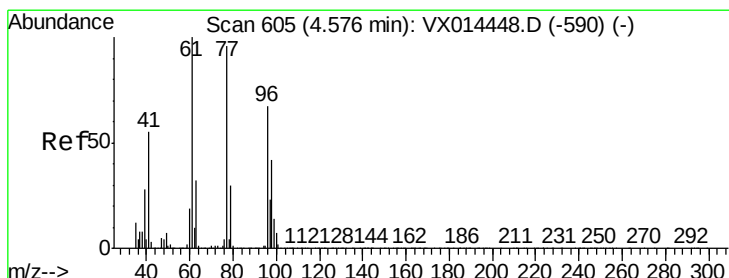
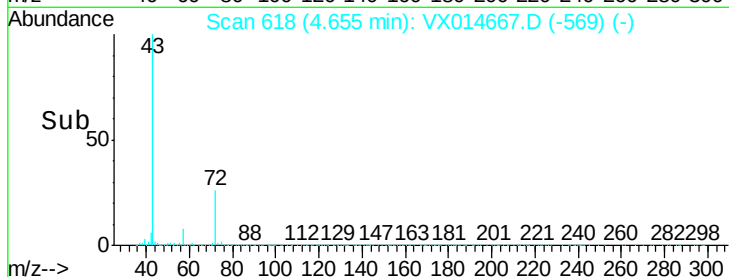
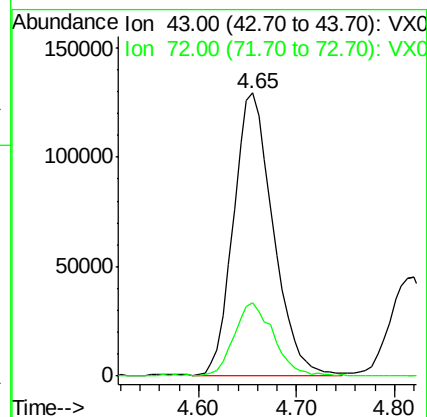
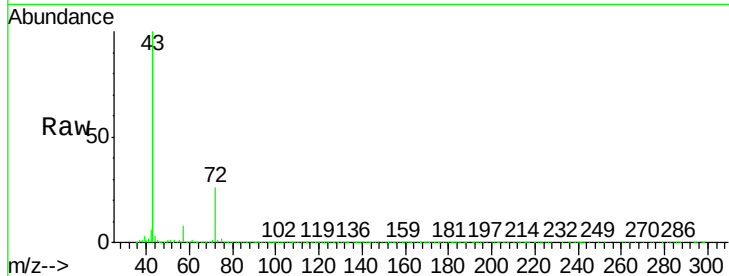
72 25.6 20.6 31.0

Manual Integrations

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1/21/2020 2:14:56 PM



#26

2,2-Dichloropropane

Concen: 18.923 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014667.D

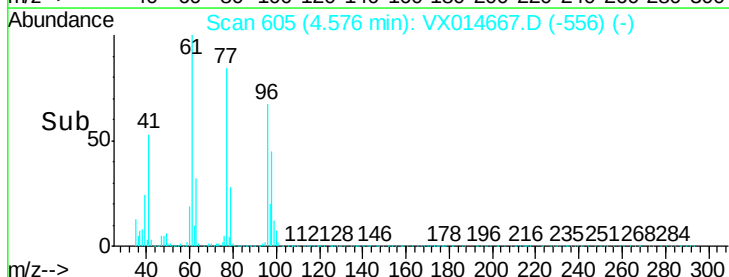
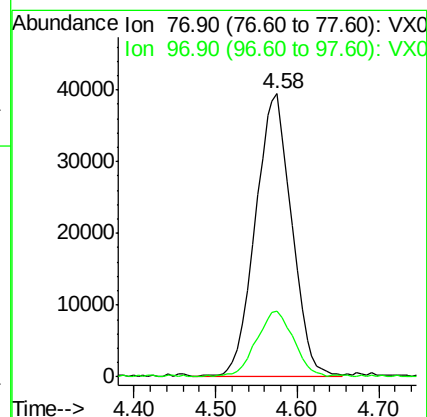
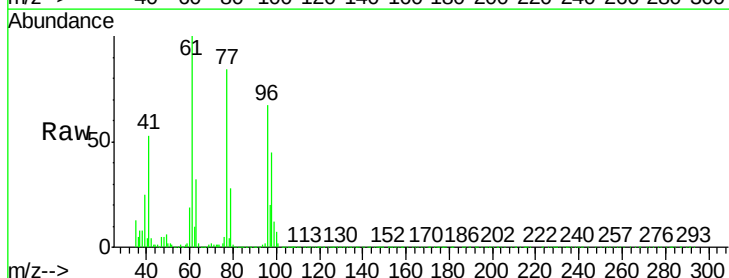
Acq: 20 Jan 2020 11:38

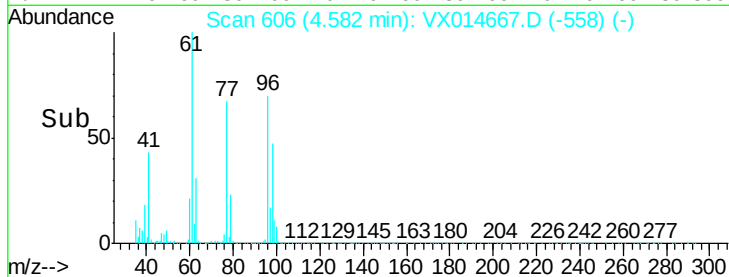
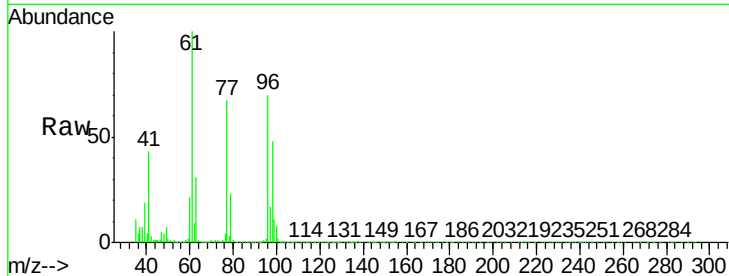
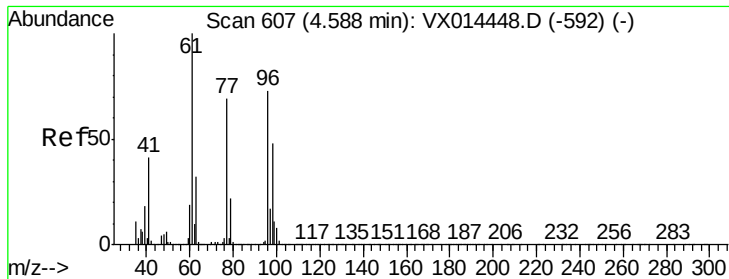
Tgt Ion: 77 Resp: 121365

Ion Ratio Lower Upper

77 100

97 24.0 11.7 35.1





#27

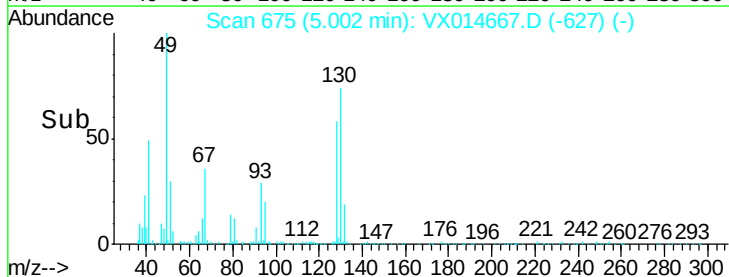
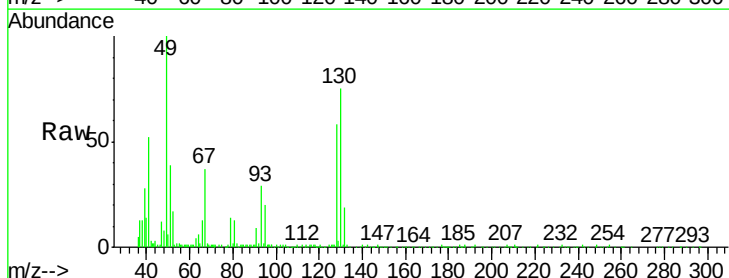
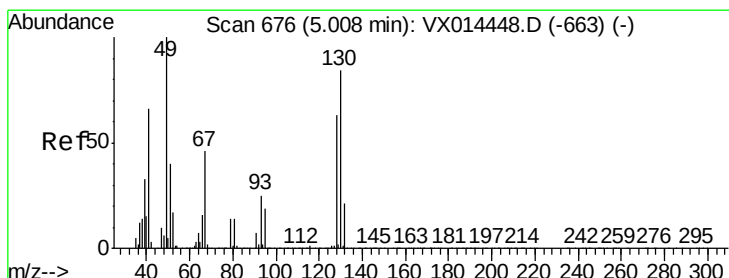
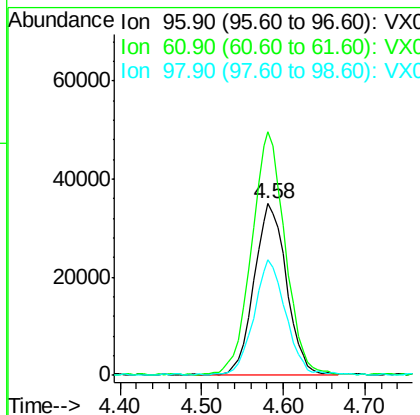
cis-1,2-Dichloroethene
Concen: 19.368 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014667.D
Acq: 20 Jan 2020 11:38

Tot Ion	Ratio	Resp	Lower	Upper
96	100	96963		
61	145.0	0.0	285.4	
98	65.4	0.0	130.6	

Instrument :
MSVOA_X
ClientSampleId :
VX0120WBSD01

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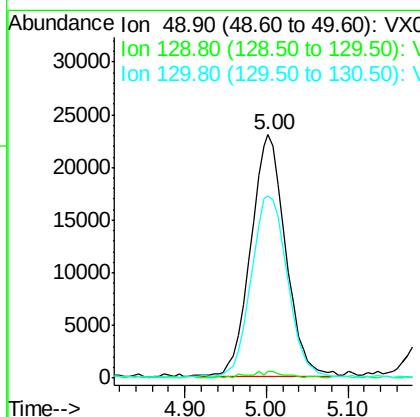
MMDadoda
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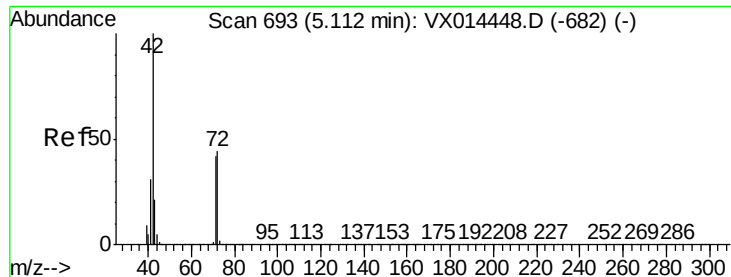


#28

Bromochloromethane
Concen: 21.263 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX014667.D
Acq: 20 Jan 2020 11:38

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	67835		
129	1.5	0.0	4.4	
130	77.9	67.0	100.4	





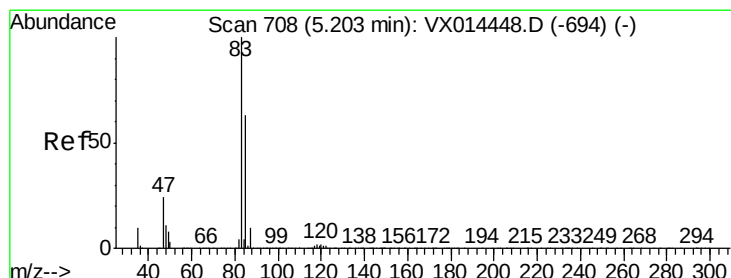
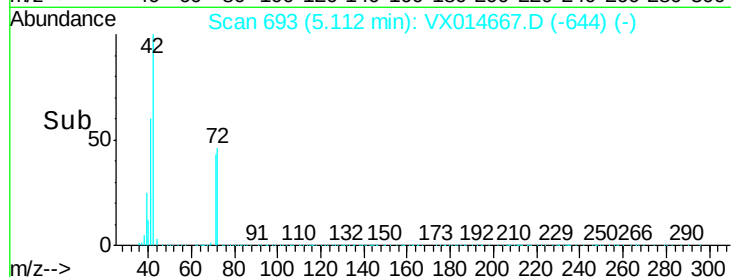
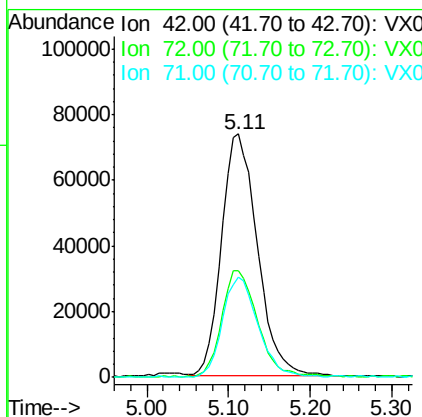
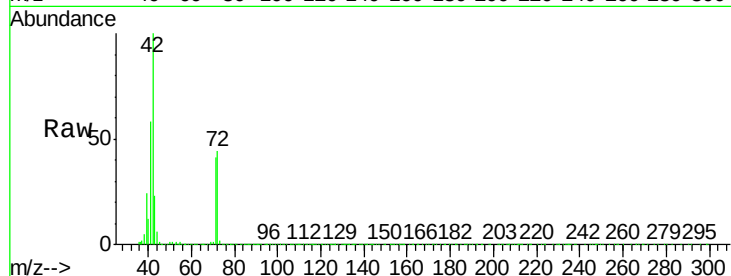
#29
Tetrahydrofuran
Concen: 109.803 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX014667.D
Acq: 20 Jan 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX0120WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.5	36.2	54.4
71	40.4	34.1	51.1

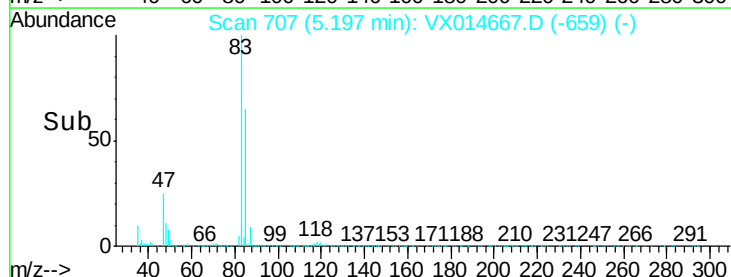
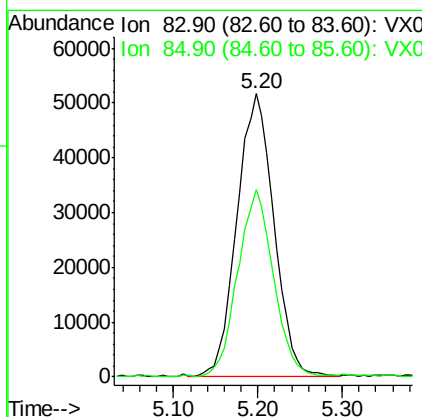
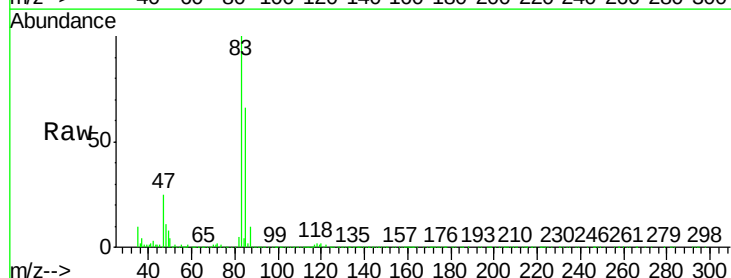
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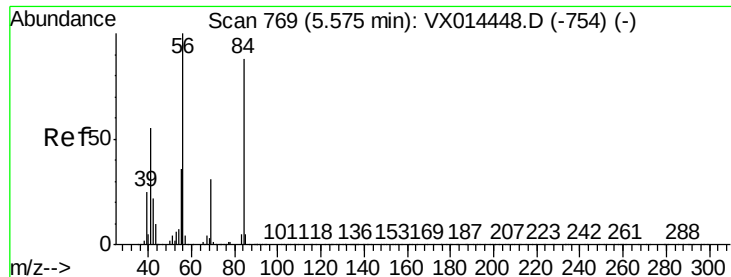
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#30
Chloroform
Concen: 20.648 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX014667.D
Acq: 20 Jan 2020 11:38

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.9	50.6	75.8





#31

Cyclohexane

Concen: 19.644 ug/l

RT: 5.58 min Scan# 769

Delta R.T. 0.00 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

Instrument :

MSVOA_X

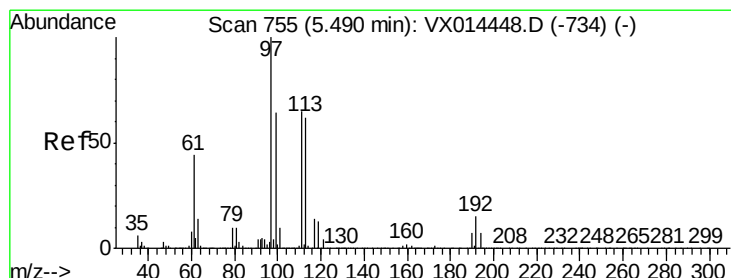
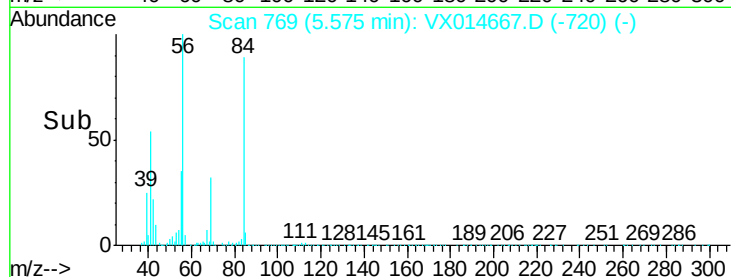
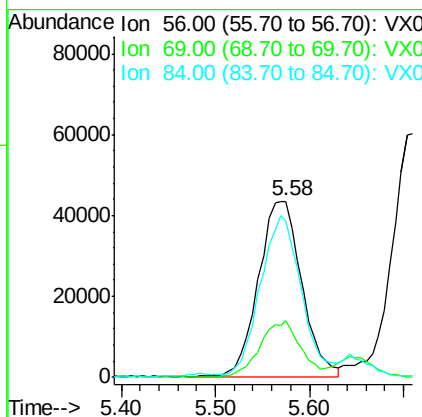
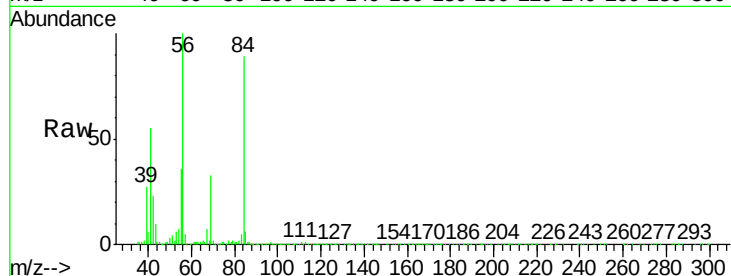
ClientSampleId :

VX0120WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.2	24.4	36.6
84	88.2	70.6	106.0

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#32

1,1,1-Trichloroethane

Concen: 19.476 ug/l

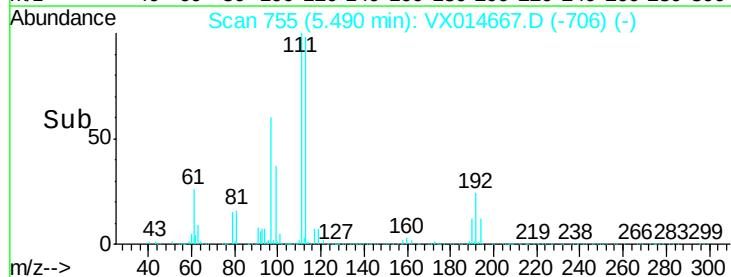
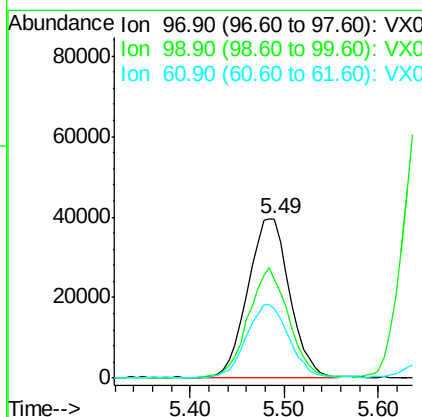
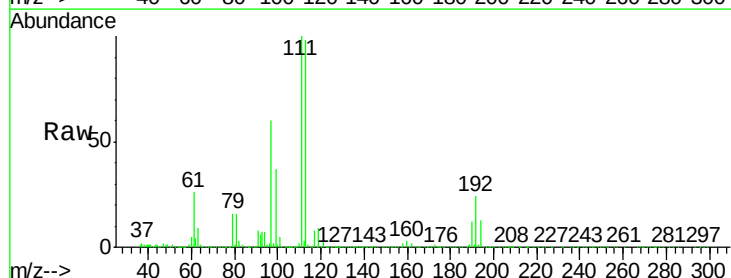
RT: 5.49 min Scan# 755

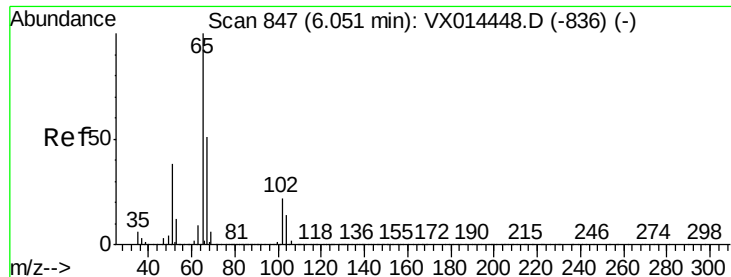
Delta R.T. 0.00 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.9	51.8	77.6
61	46.5	35.9	53.9





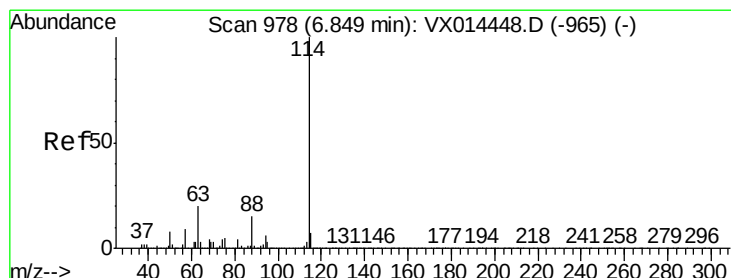
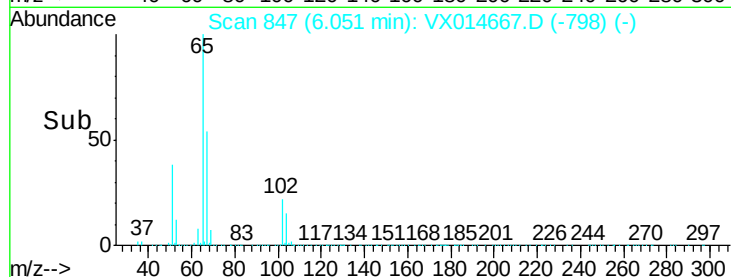
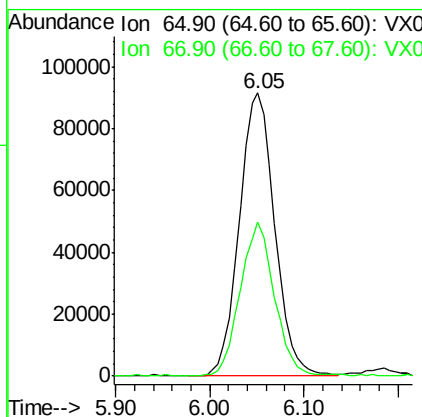
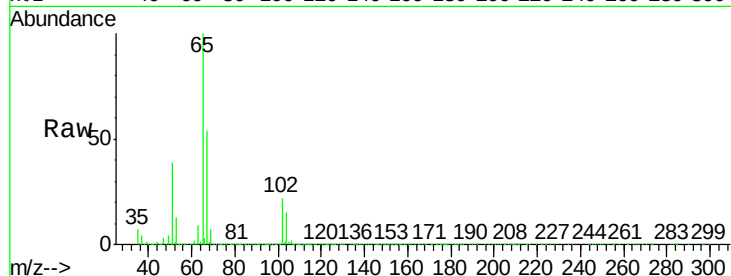
#33
 1,2-Dichloroethane-d4
 Concen: 51.608 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014667.D
 Acq: 20 Jan 2020 11:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0120WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	239285		
67	52.4	0.0	106.2	

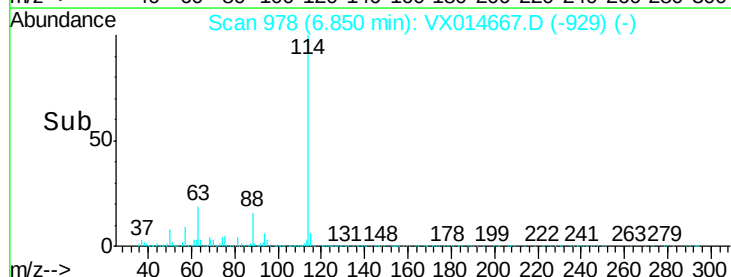
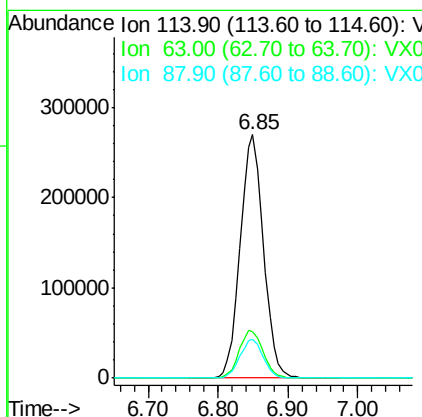
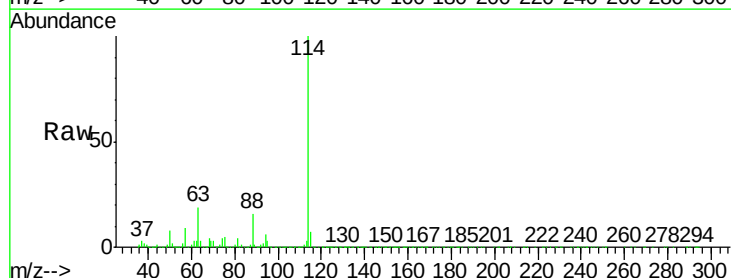
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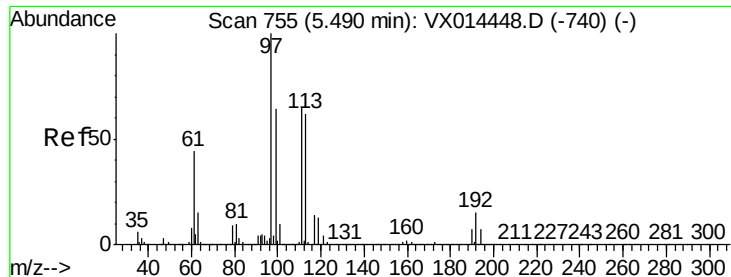
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014667.D
 Acq: 20 Jan 2020 11:38

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	623470		
63	19.2	0.0	39.6	
88	16.1	0.0	30.8	





#35

Dibromofluoromethane

Concen: 51.468 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

Instrument :

MSVOA_X

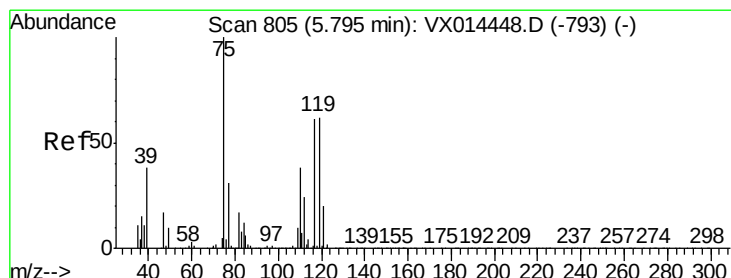
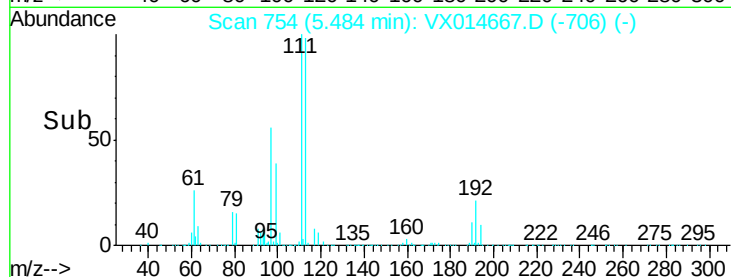
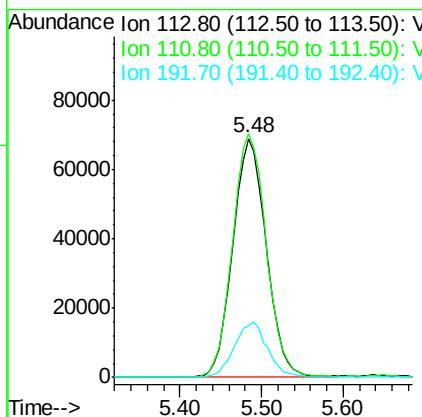
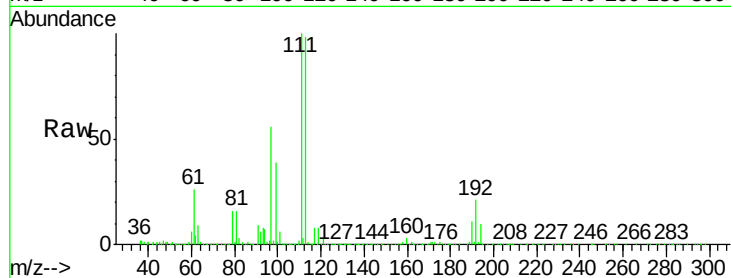
ClientSampleId :

VX0120WBSD01

Tot Ion:	113	Resp:	194248
Ion Ratio	Lower	Upper	
113	100		
111	103.7	81.5	122.3
192	23.1	19.2	28.8

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#36

1,1-Dichloropropene

Concen: 19.229 ug/l

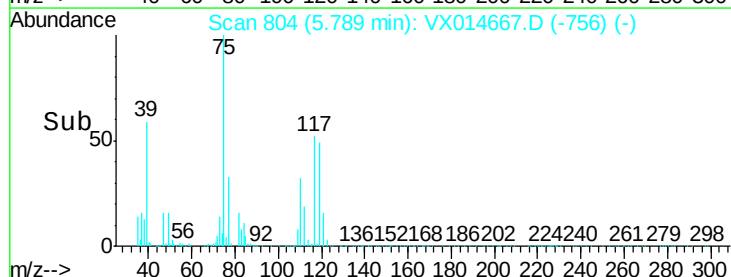
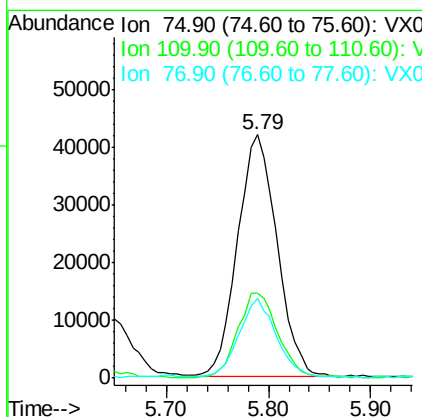
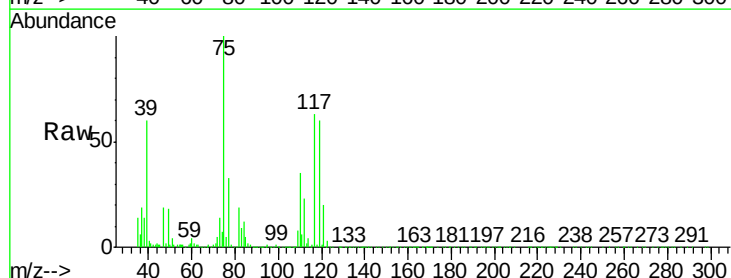
RT: 5.79 min Scan# 804

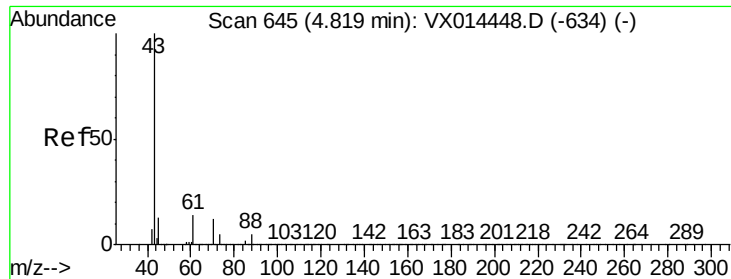
Delta R.T. -0.01 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

Tgt Ion:	75	Resp:	112741
Ion Ratio	Lower	Upper	
75	100		
110	35.8	18.6	55.8
77	30.1	24.5	36.7





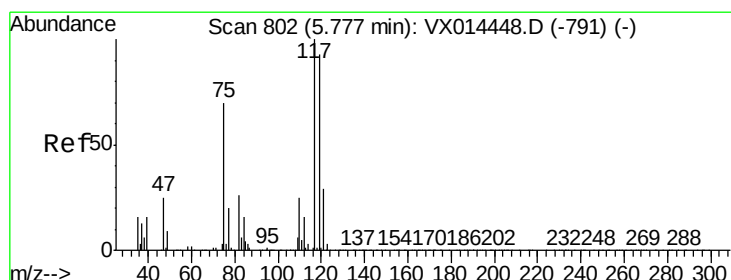
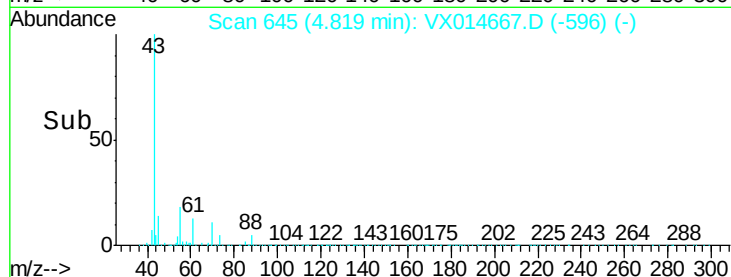
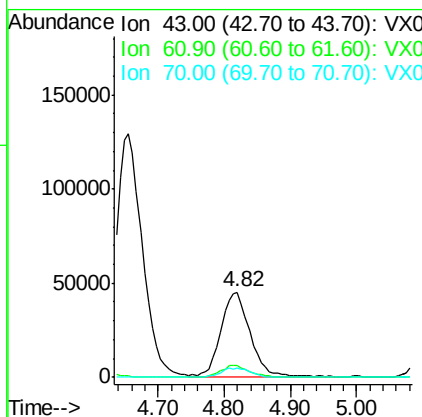
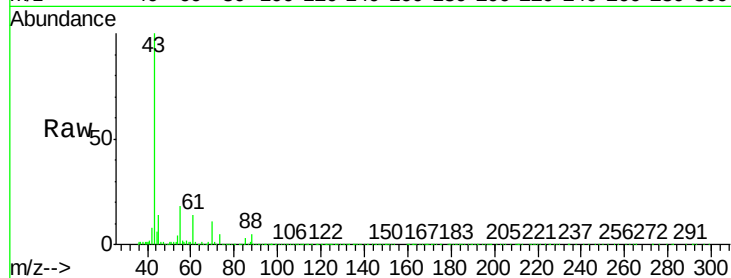
#37
Ethyl Acetate
Concen: 21.352 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014667.D
Acq: 20 Jan 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX0120WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	11.1	16.7
70	11.1	8.9	13.3

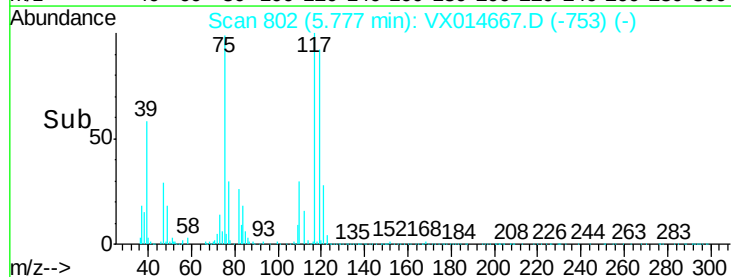
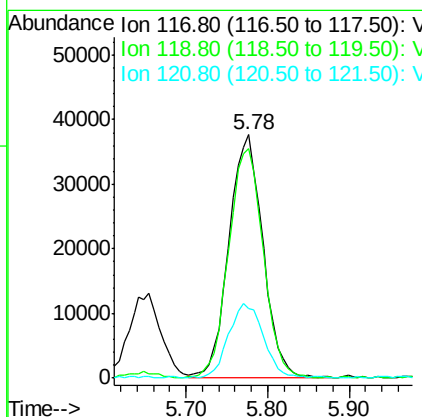
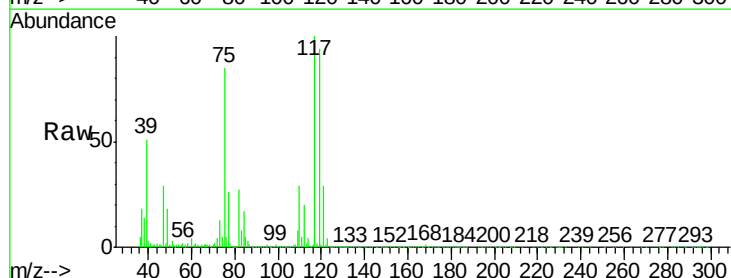
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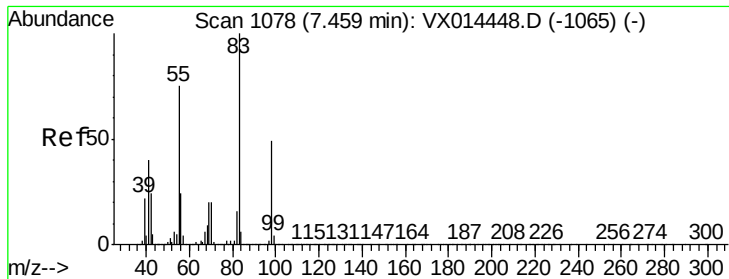
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#38
Carbon Tetrachloride
Concen: 20.157 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014667.D
Acq: 20 Jan 2020 11:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.8	73.8	110.8
121	28.5	23.4	35.0





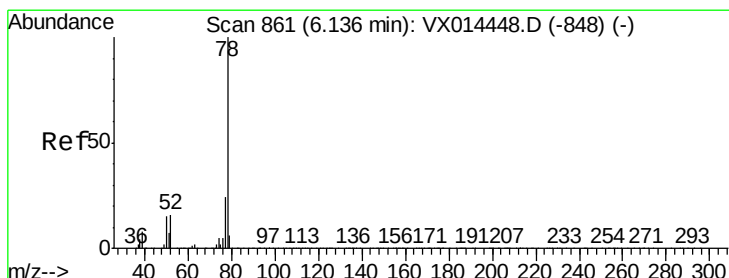
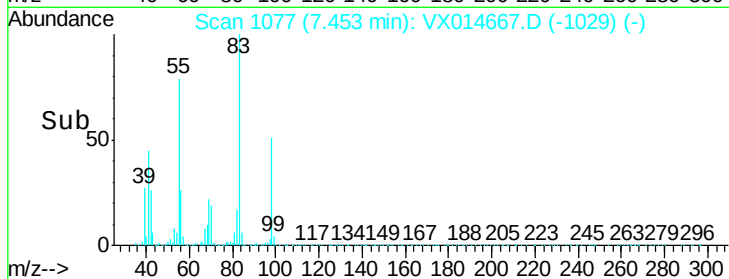
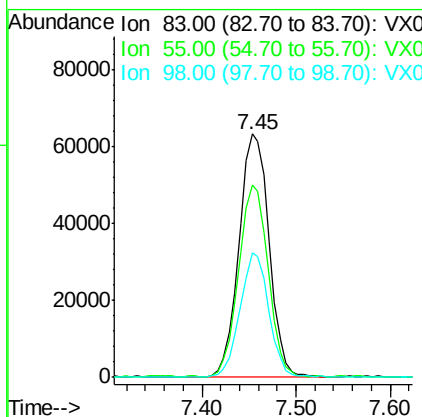
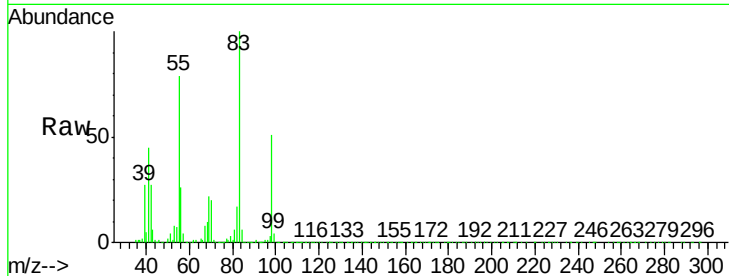
#39
Methylvlcyclohexane
Concen: 19.161 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014667.D
Acq: 20 Jan 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX0120WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.6	59.7	89.5
98	51.0	39.1	58.7

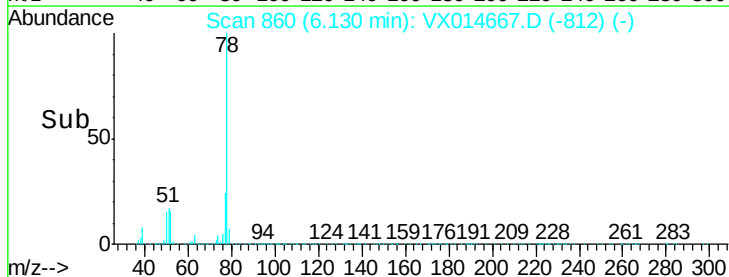
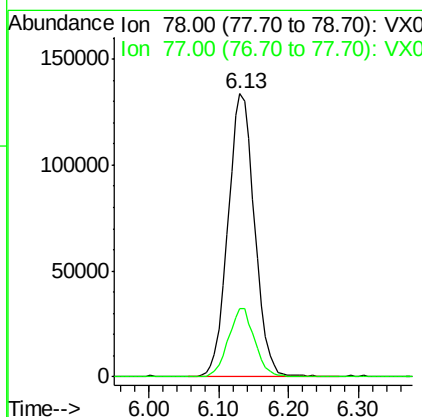
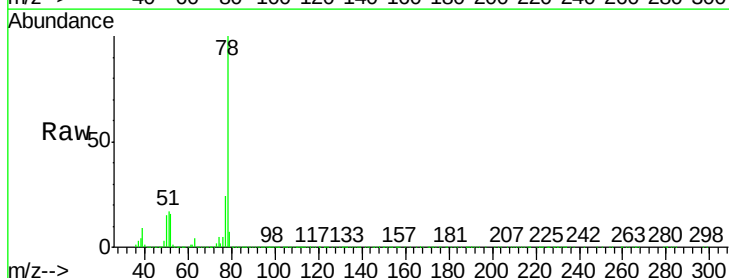
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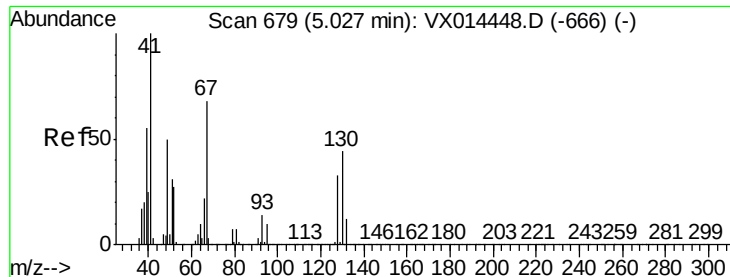
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#40
Benzene
Concen: 20.217 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014667.D
Acq: 20 Jan 2020 11:38

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.5	29.3





#41

Methacrylonitrile

Concen: 21.644 ug/l

RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

Instrument :

MSVOA_X

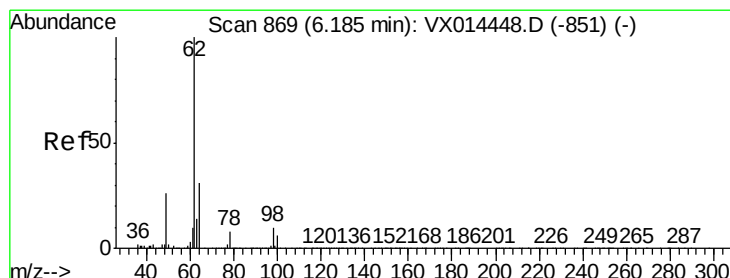
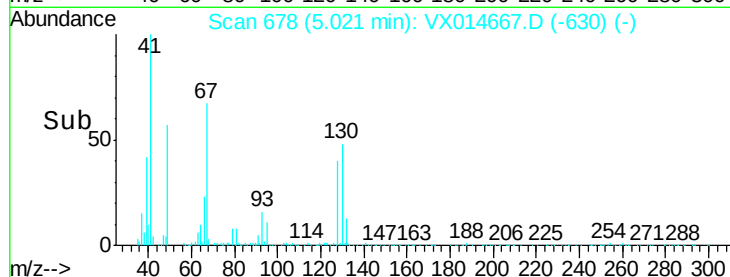
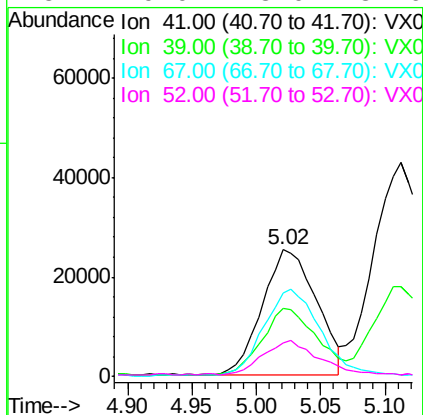
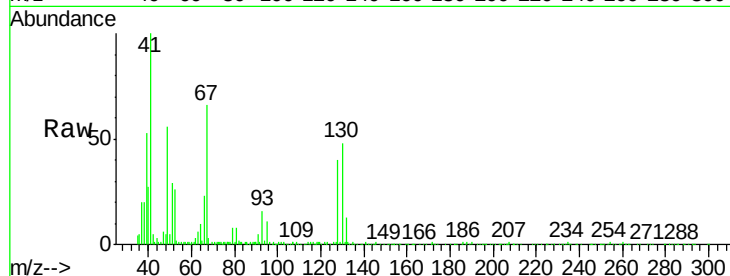
ClientSampleId :

VX0120WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.1	43.6	65.4	
67	71.0	57.9	86.9	
52	29.0	23.0	34.6	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 20.820 ug/l

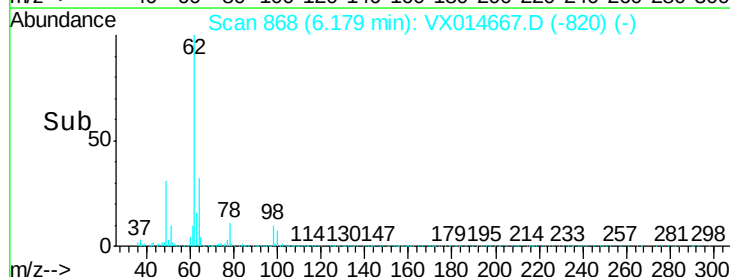
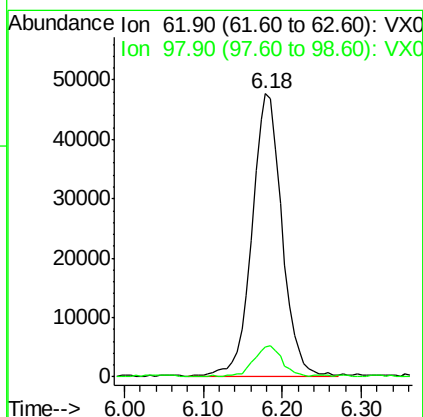
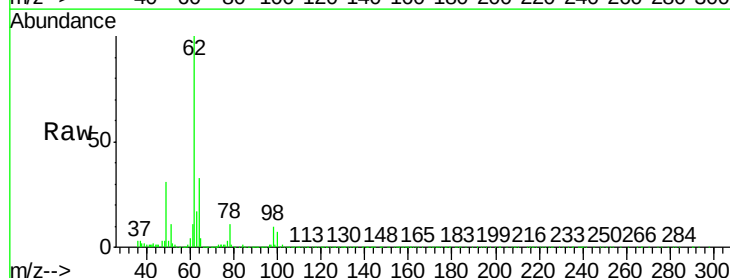
RT: 6.18 min Scan# 868

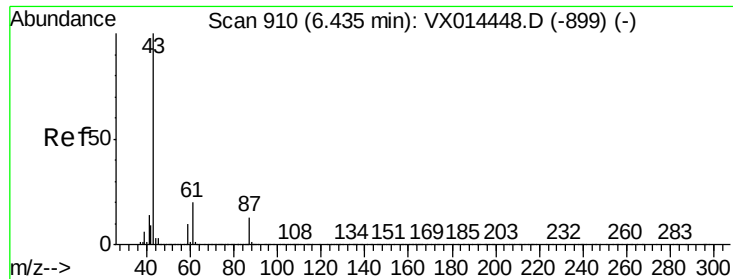
Delta R.T. -0.01 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.6	0.0	20.4	





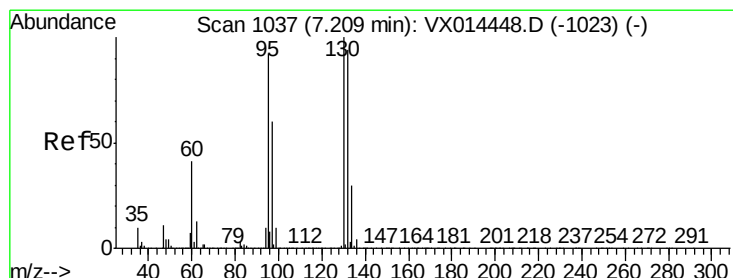
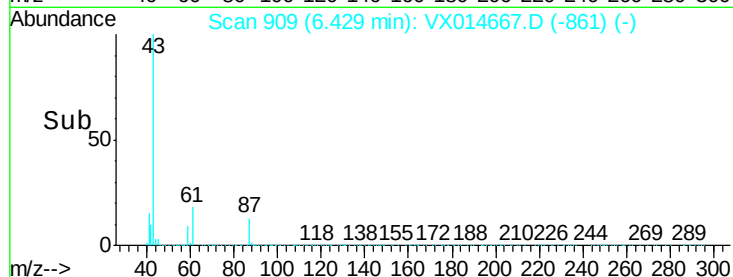
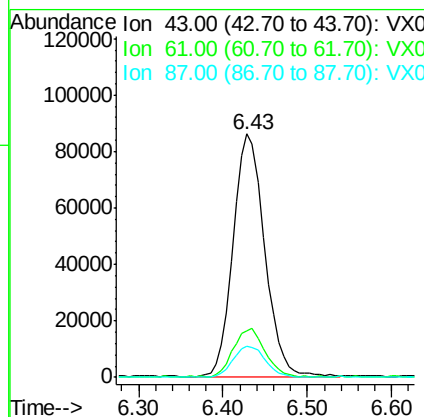
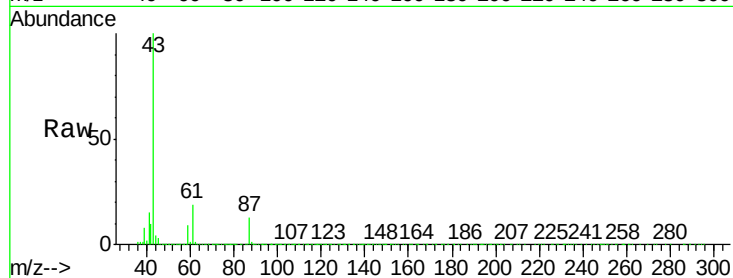
#43
Isopropyl Acetate
Concen: 21.135 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX014667.D
Acq: 20 Jan 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX0120WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.8	16.6	24.8
87	13.3	10.8	16.2

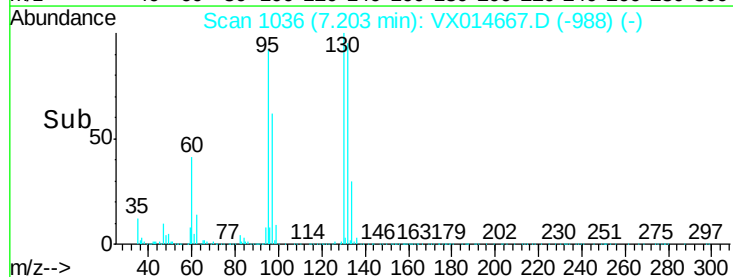
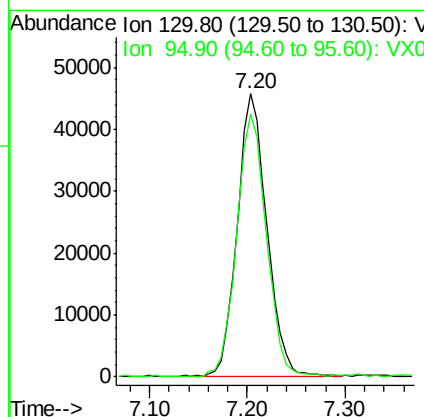
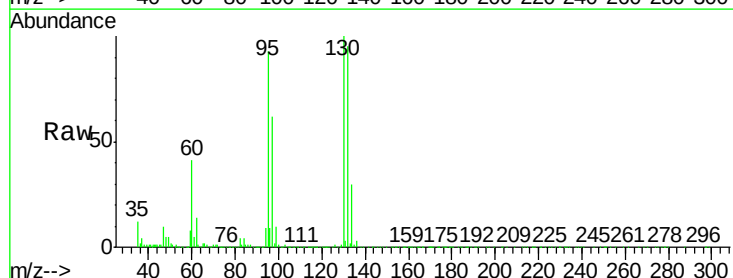
Manual Integrations
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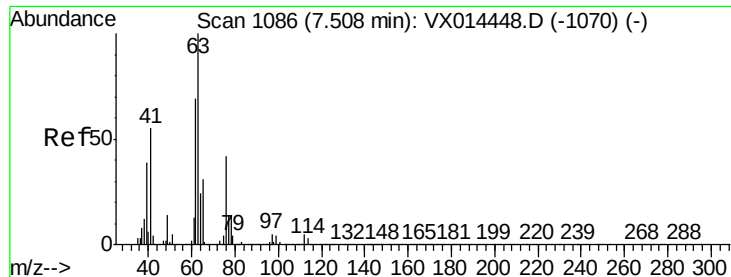
MMDadoda
1/21/2020 2:14:56 PM



#44
Trichloroethene
Concen: 19.165 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. -0.01 min
Lab File: VX014667.D
Acq: 20 Jan 2020 11:38

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.7	0.0	184.2





#45

1,2-Dichloropropane

Concen: 21.744 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX0120WBSD01

Tot Ion: 63 Resp: 96471

Ion Ratio Lower Upper

63 100

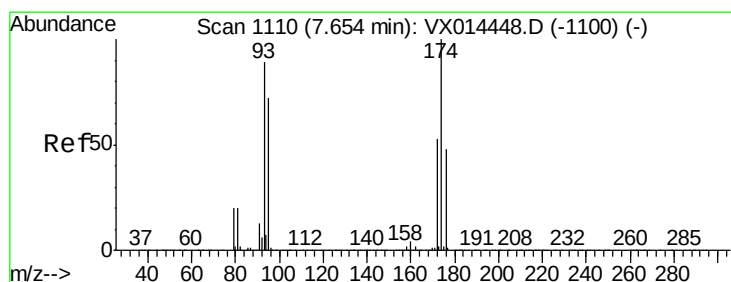
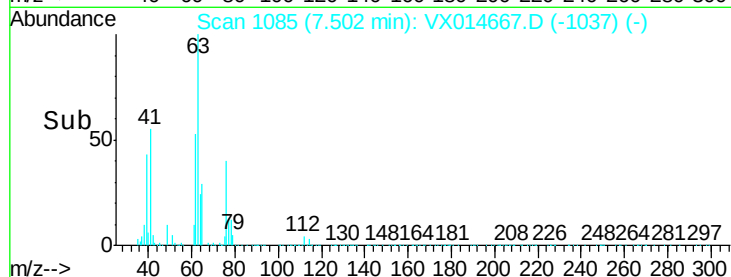
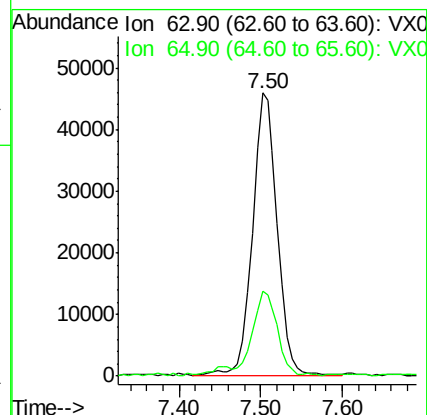
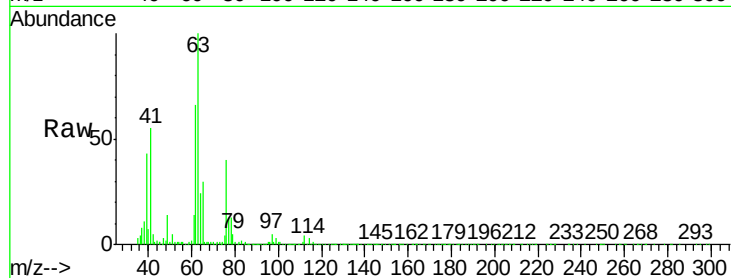
65 29.4 24.8 37.2

Manual Integrations

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#46

Dibromomethane

Concen: 19.592 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

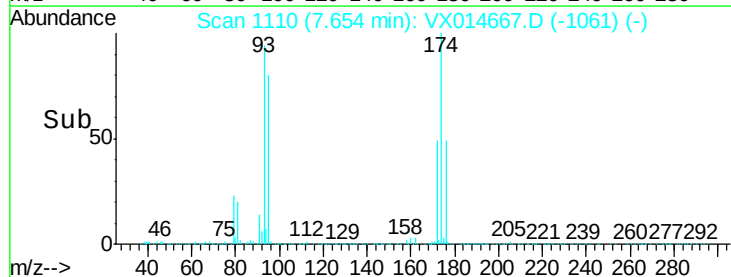
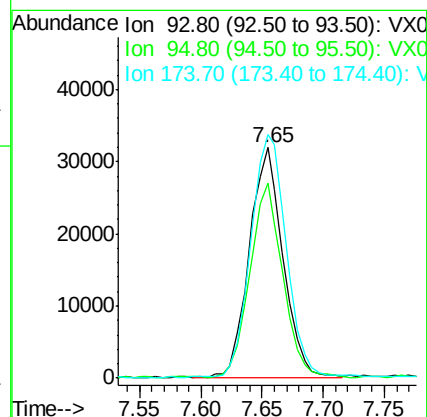
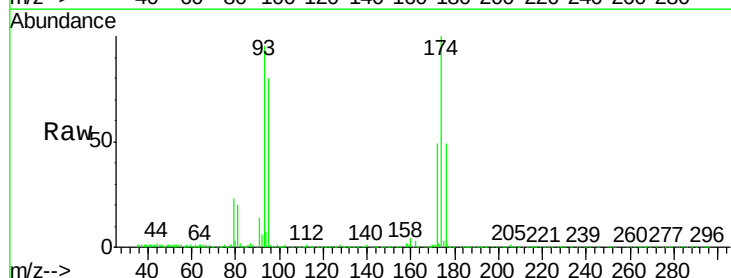
Tgt Ion: 93 Resp: 60667

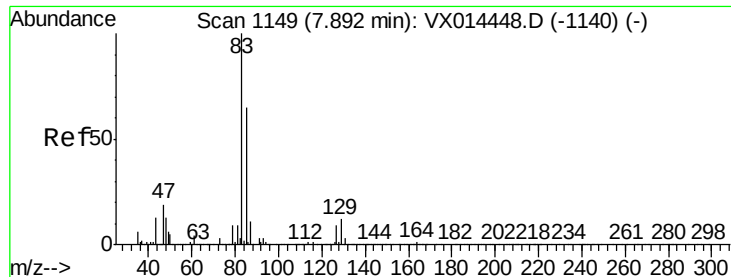
Ion Ratio Lower Upper

93 100

95 84.6 65.4 98.2

174 114.1 93.0 139.4





#47

Bromodichloromethane

Concen: 20.858 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

Instrument :

MSVOA_X

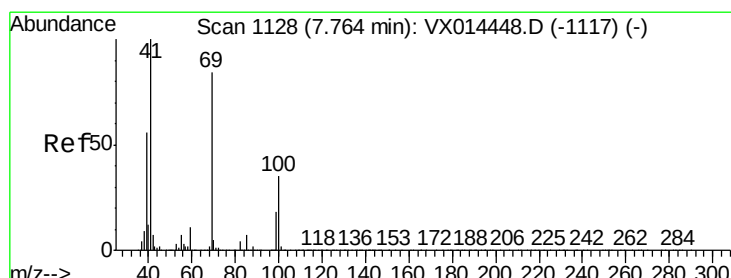
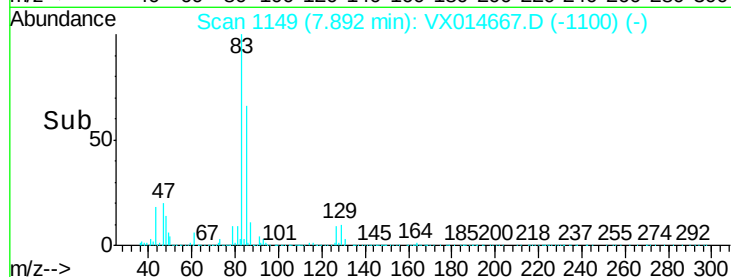
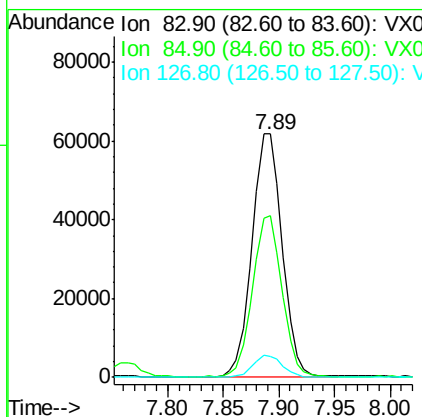
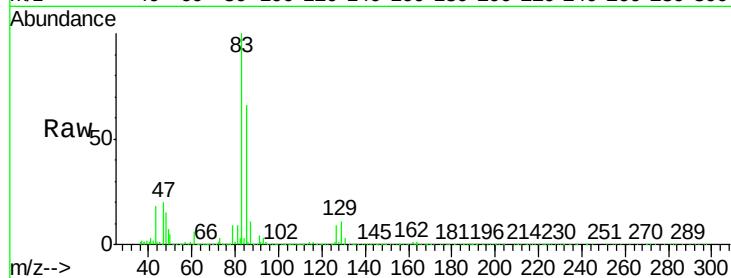
ClientSampleId :

VX0120WBSD01

Tot Ion:	83	Resp:	117525
Ion	Ratio	Lower	Upper
83	100		
85	66.4	51.7	77.5
127	8.7	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 21.481 ug/l

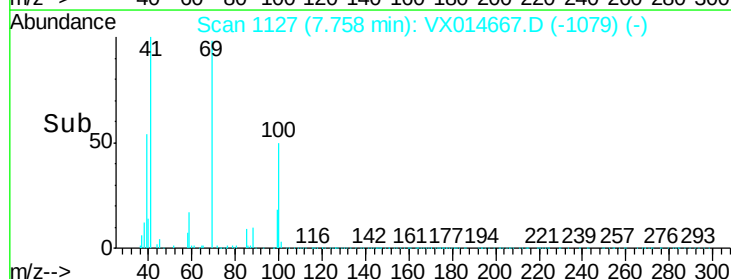
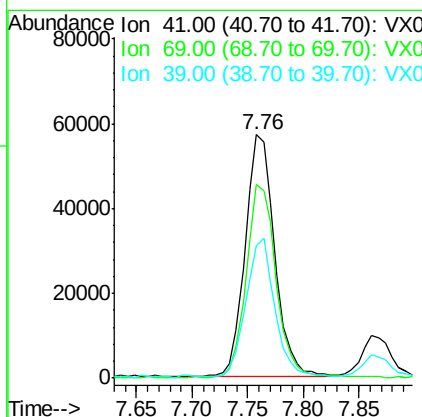
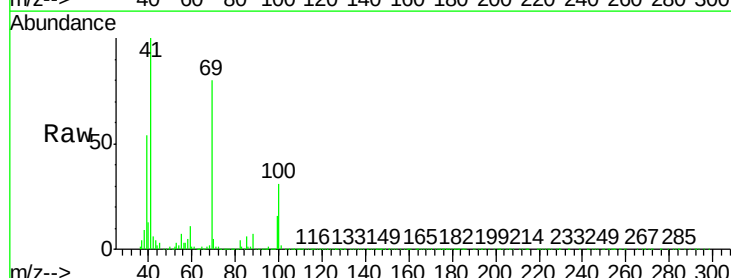
RT: 7.76 min Scan# 1127

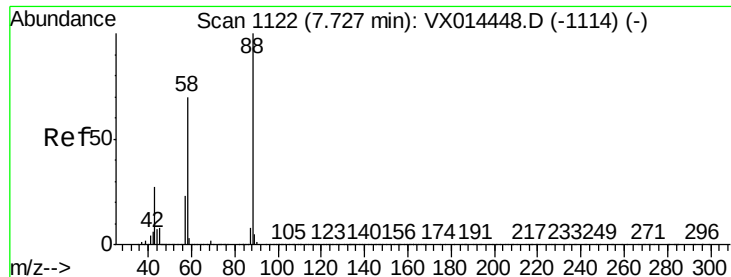
Delta R.T. -0.01 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

Tgt Ion:	41	Resp:	105845
Ion	Ratio	Lower	Upper
41	100		
69	79.9	65.5	98.3
39	55.3	43.9	65.9





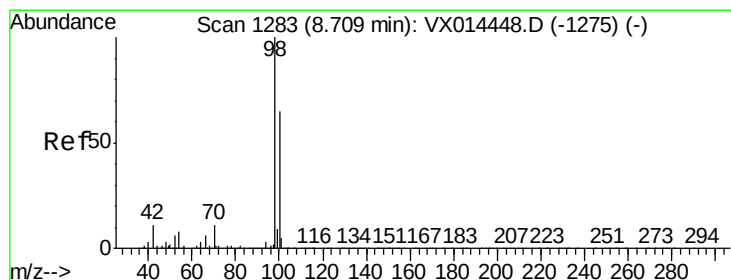
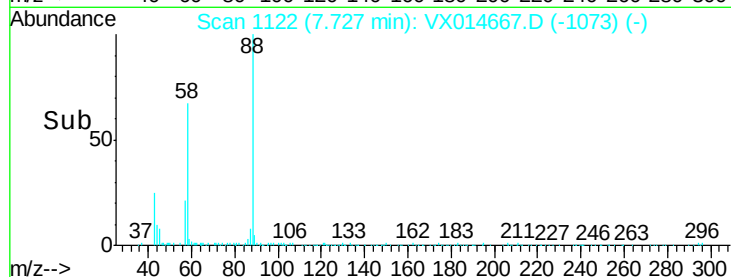
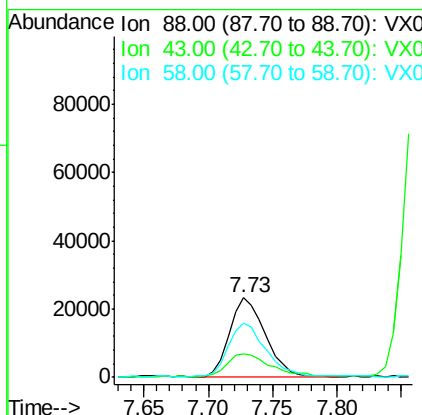
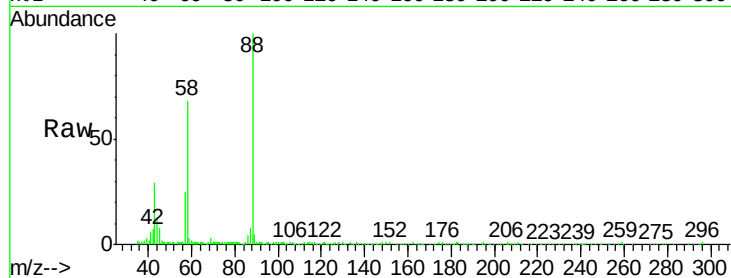
#49
1,4-Dioxane
Concen: 429.712 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. 0.00 min
Lab File: VX014667.D
Acq: 20 Jan 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX0120WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.4	27.4	41.0
58	70.9	57.1	85.7

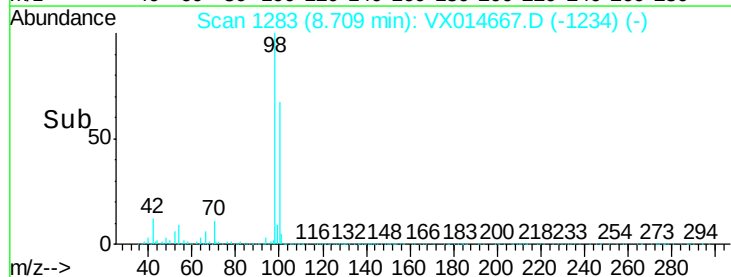
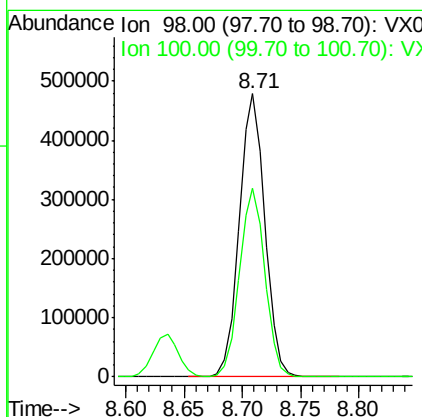
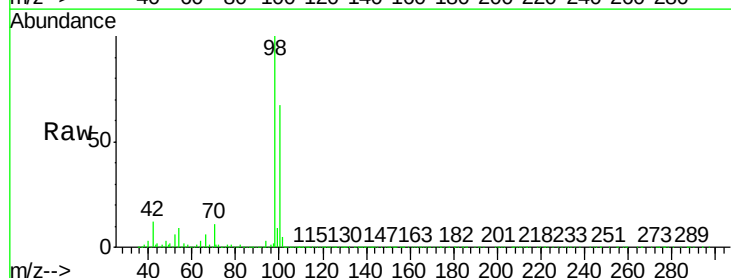
Manual Integrations
APPROVED

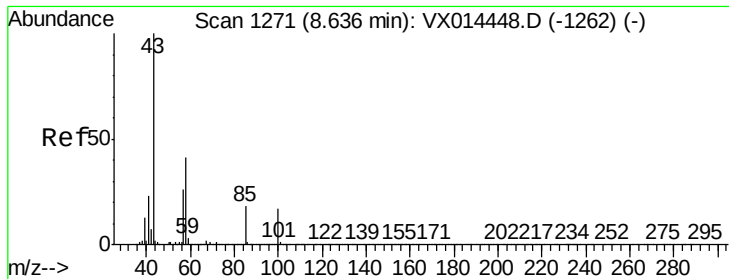
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#50
Toluene-d8
Concen: 49.985 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014667.D
Acq: 20 Jan 2020 11:38

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.2	79.8





#51

4-Methyl-2-Pentanone

Concen: 111.440 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX0120WBSD01

Tot Ion: 43 Resp: 698641

Ion Ratio Lower Upper

43 100

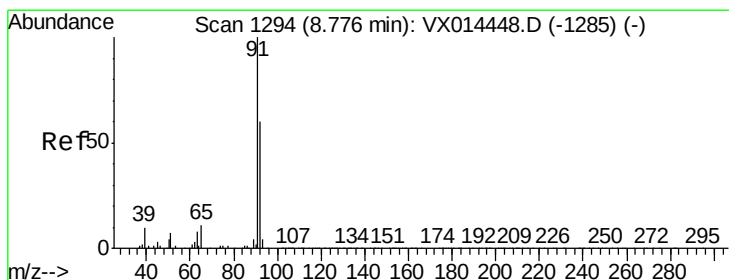
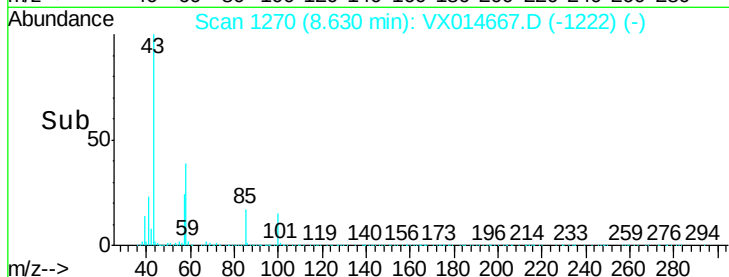
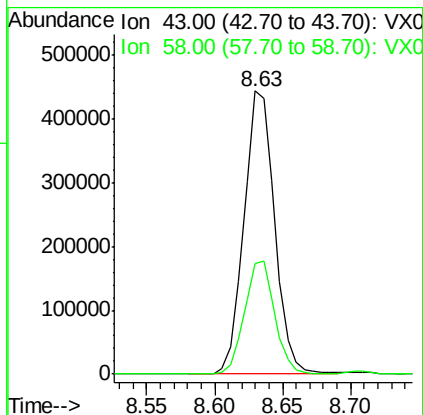
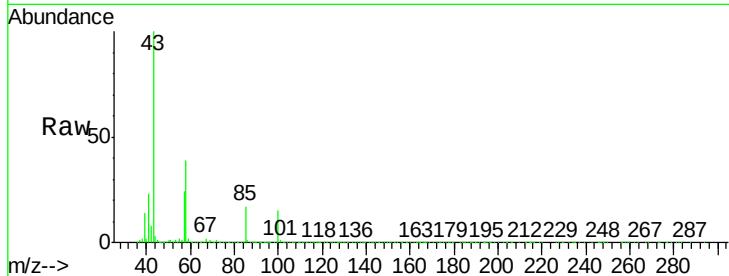
58 39.6 32.4 48.6

Manual Integrations

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#52

Toluene

Concen: 19.769 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX014667.D

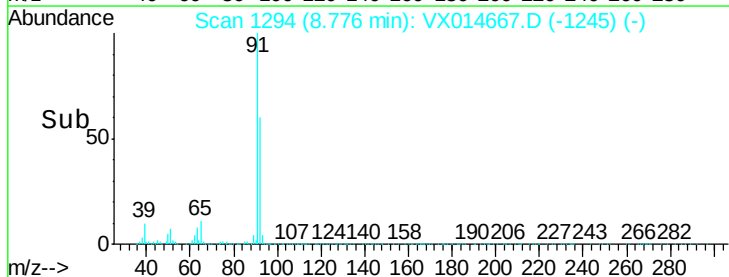
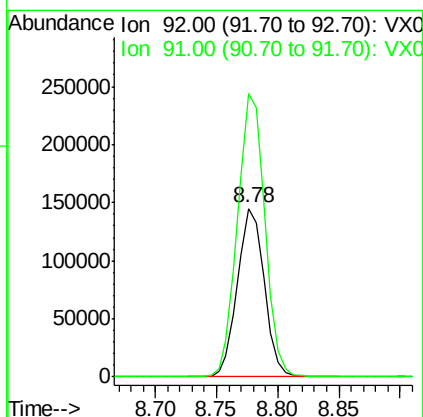
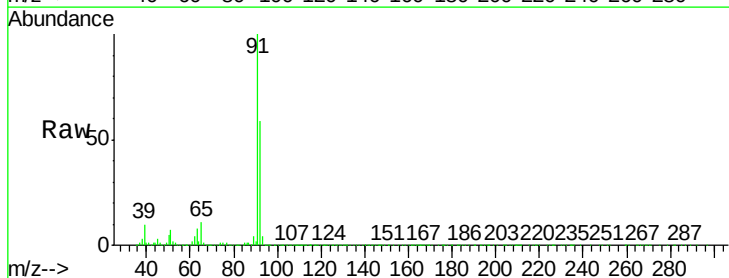
Acq: 20 Jan 2020 11:38

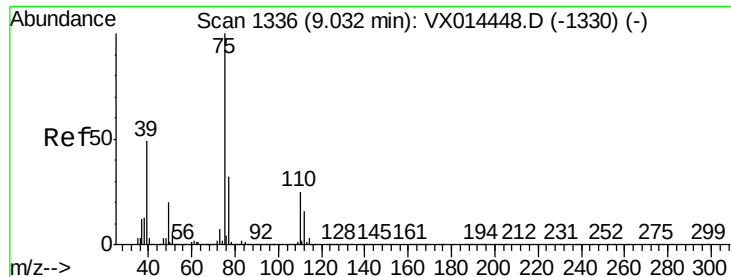
Tgt Ion: 92 Resp: 220219

Ion Ratio Lower Upper

92 100

91 170.9 135.7 203.5





#53

t-1,3-Dichloropropene

Concen: 19.990 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX0120WBSD01

Tot Ion: 75 Resp: 131132

Ion Ratio Lower Upper

75 100

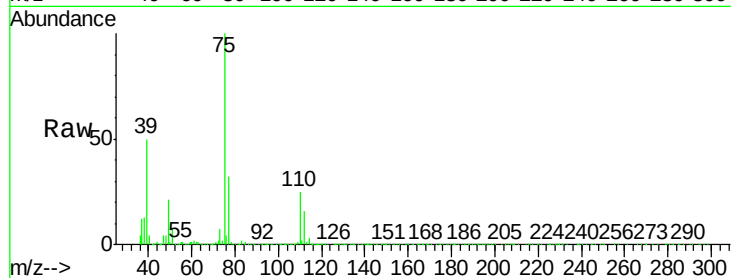
77 31.4 25.4 38.2

Manual Integrations

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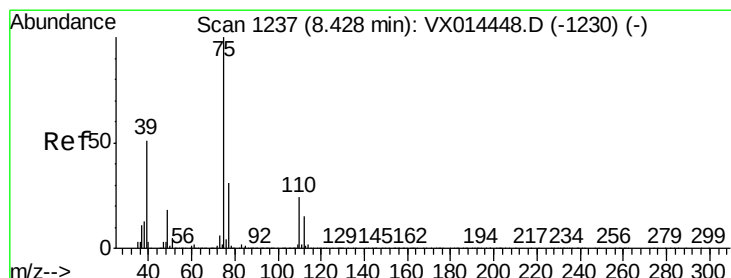
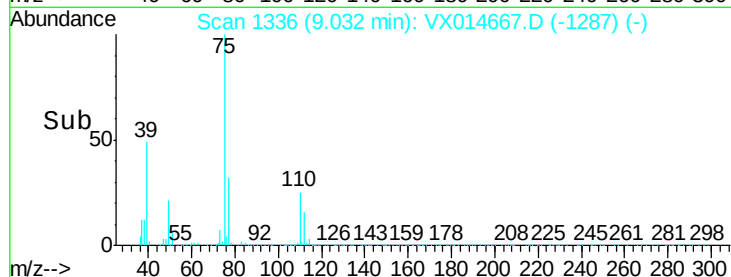
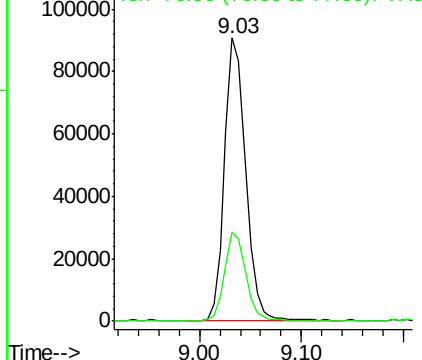
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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 20.421 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

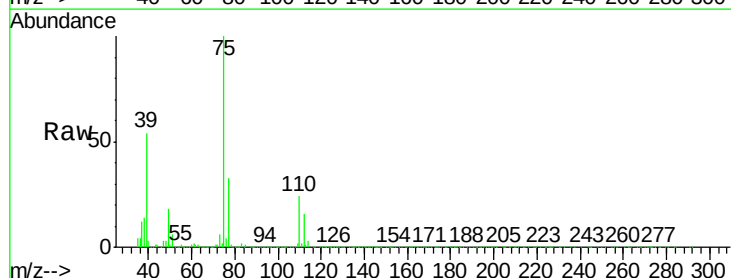
Tgt Ion: 75 Resp: 144707

Ion Ratio Lower Upper

75 100

77 33.3 25.0 37.4

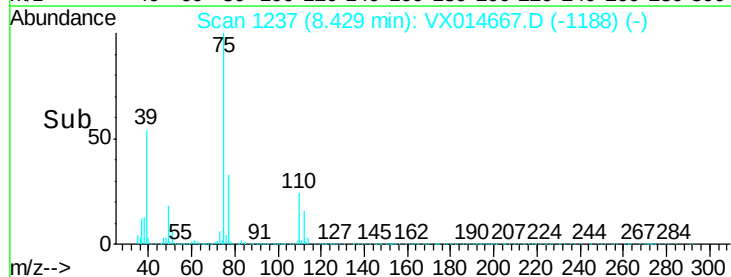
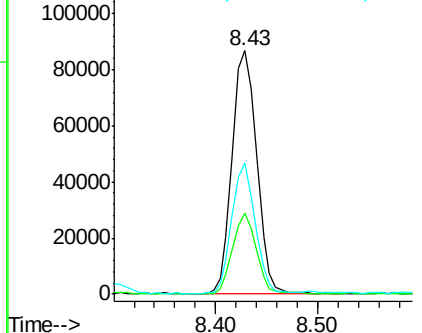
39 53.7 40.7 61.1

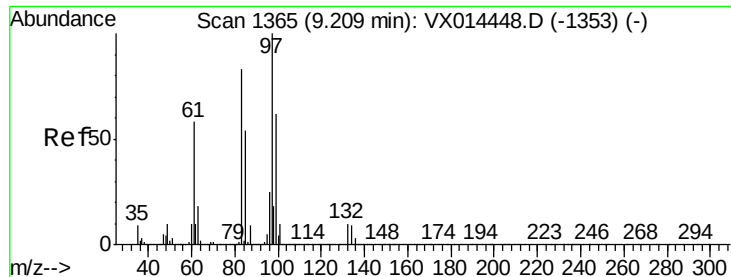


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





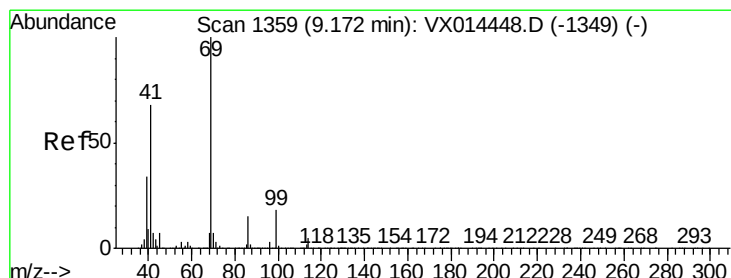
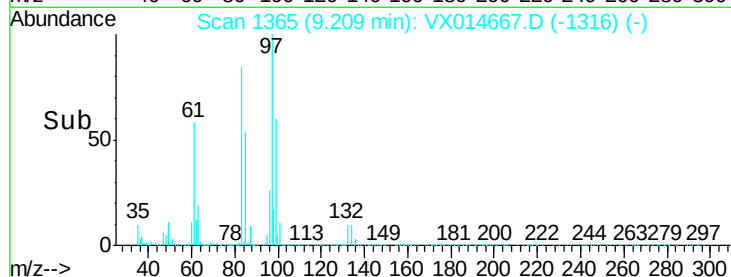
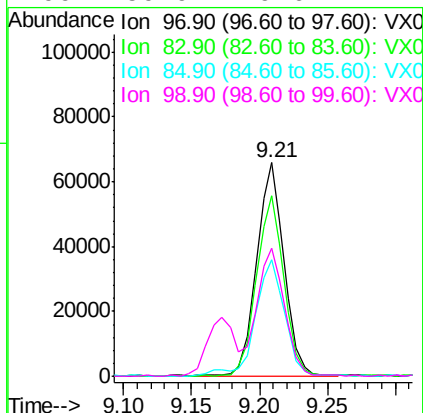
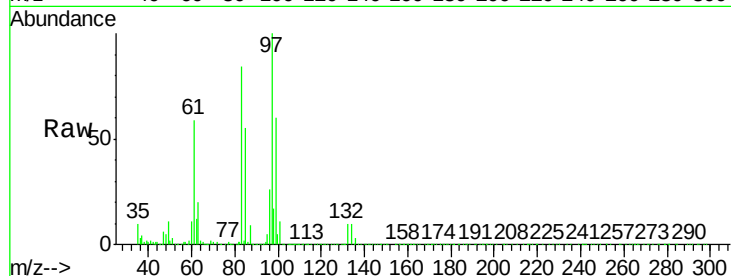
#55
 1,1,2-Trichloroethane
 Concen: 20.801 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014667.D
 Acq: 20 Jan 2020 11:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0120WBSD01

Tot Ion	Ratio	Lower	Upper
97	100		
83	84.2	66.4	99.6
85	54.3	43.4	65.2
99	59.9	49.6	74.4

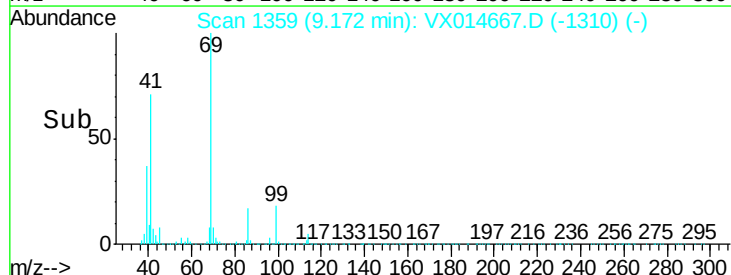
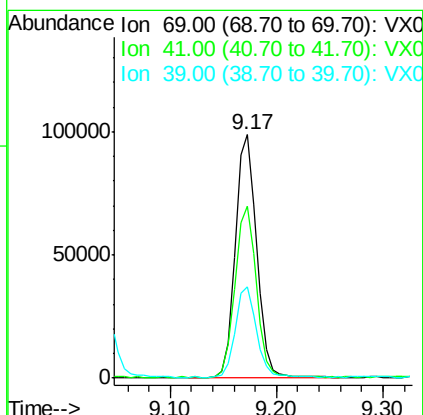
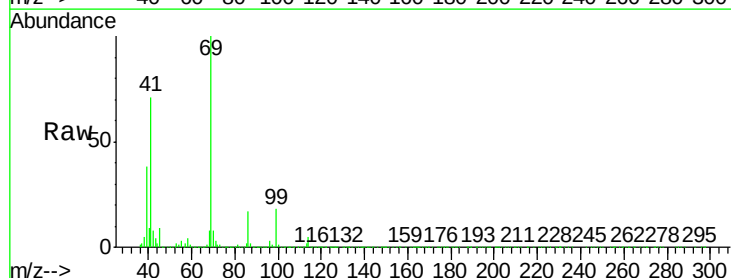
Manual Integrations
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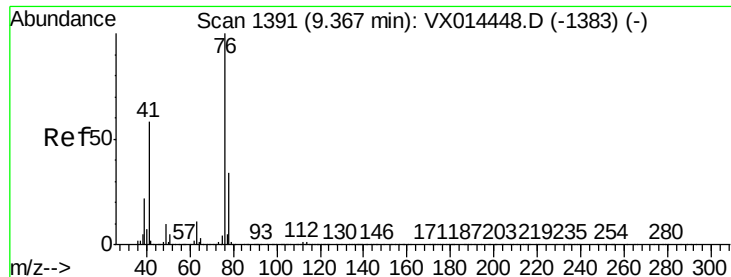
MMDadoda
 1/21/2020 2:14:56 PM



#56
 Ethyl methacrylate
 Concen: 20.345 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014667.D
 Acq: 20 Jan 2020 11:38

Tgt Ion	Ratio	Lower	Upper
69	100		
41	72.2	54.2	81.2
39	36.9	28.2	42.2





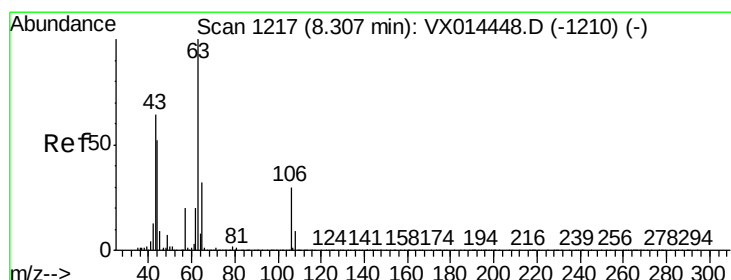
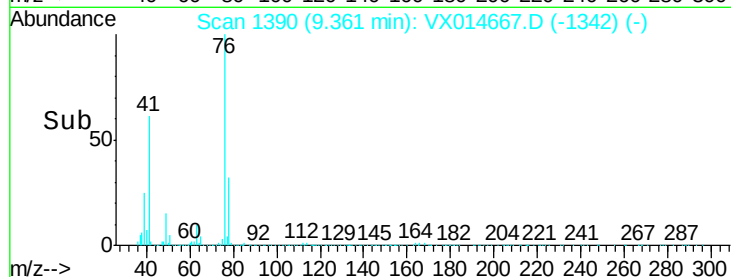
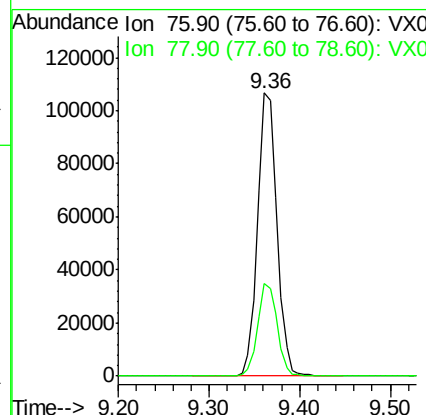
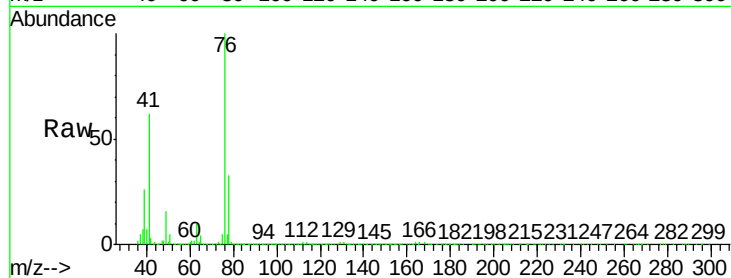
#57
 1,3-Dichloropropane
 Concen: 21.061 ug/l
 RT: 9.36 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: VX014667.D
 Acq: 20 Jan 2020 11:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0120WBSD01

Tot Ion: 76 Resp: 157558
 Ion Ratio Lower Upper
 76 100
 78 32.9 26.4 39.6

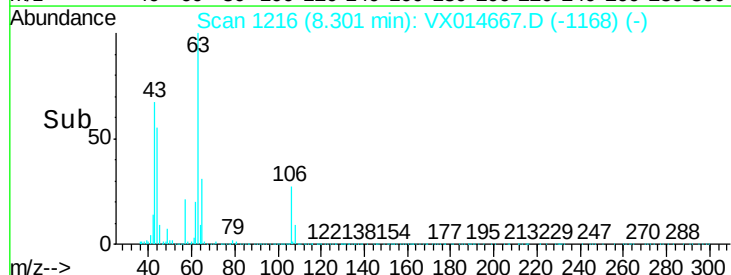
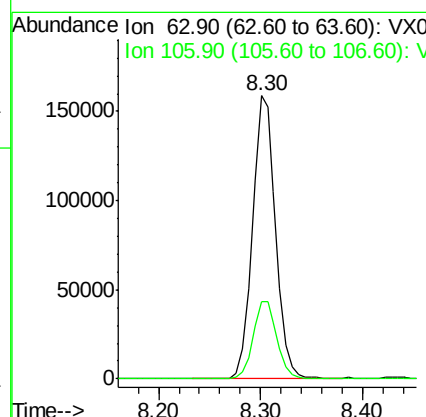
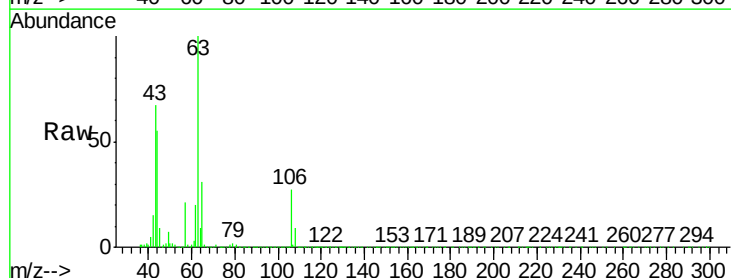
Manual Integrations
 APPROVED

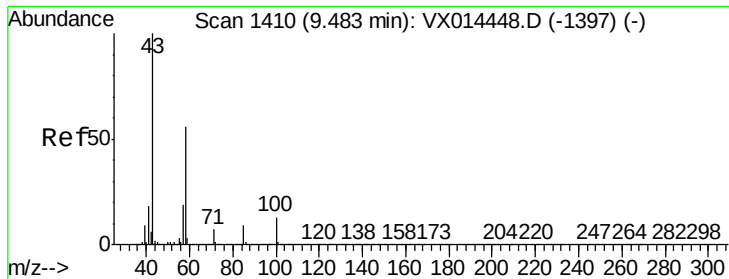
MMDadoda
 1/21/2020 2:14:56 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 106.804 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX014667.D
 Acq: 20 Jan 2020 11:38

Tgt Ion: 63 Resp: 249096
 Ion Ratio Lower Upper
 63 100
 106 28.4 23.6 35.4





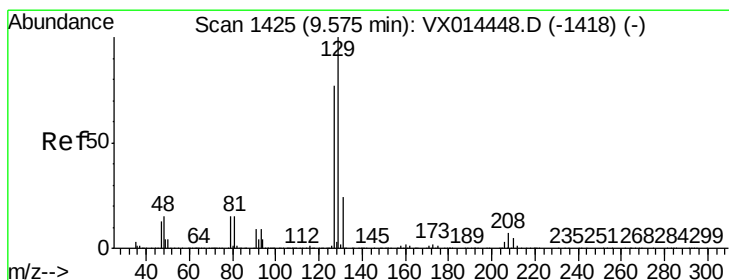
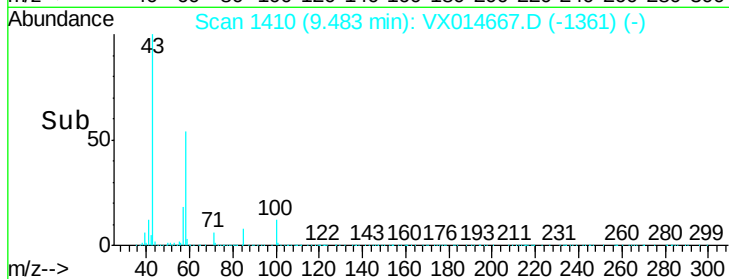
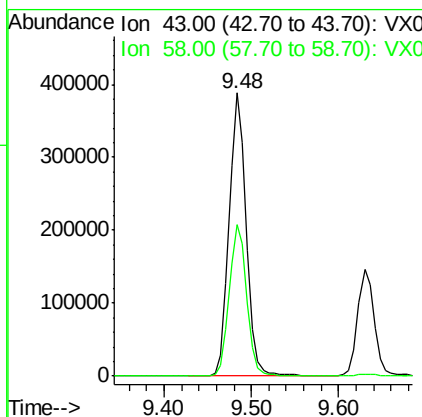
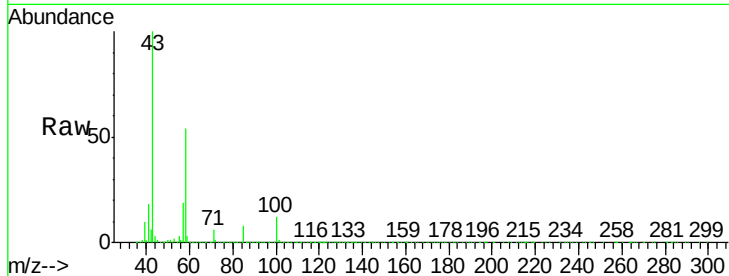
#59
2-Hexanone
Concen: 106.431 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014667.D
Acq: 20 Jan 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX0120WBSD01

Tot Ion: 43 Resp: 527948
Ion Ratio Lower Upper
43 100
58 54.7 27.9 83.7

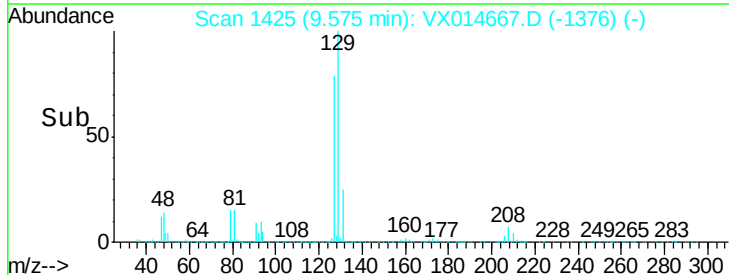
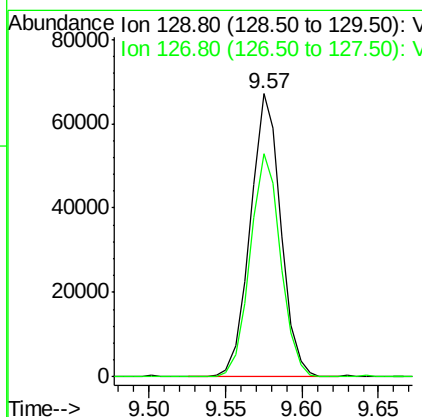
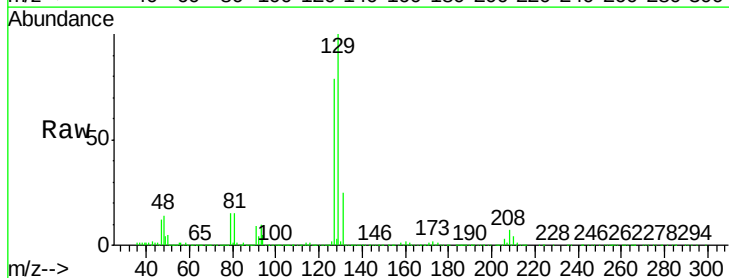
Manual Integrations
APPROVED

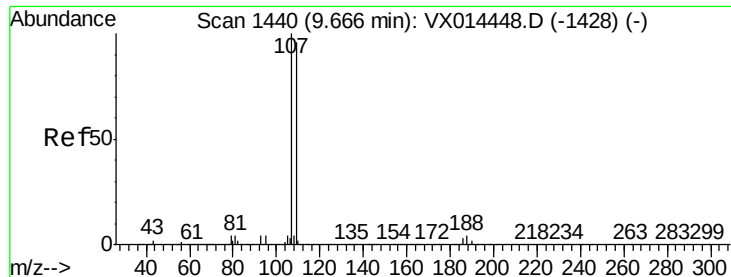
MMDadoda
1/21/2020 2:14:56 PM



#60
Dibromochloromethane
Concen: 20.643 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX014667.D
Acq: 20 Jan 2020 11:38

Tgt Ion: 129 Resp: 92835
Ion Ratio Lower Upper
129 100
127 78.5 38.6 116.0





#61

1,2-Dibromoethane

Concen: 20.113 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX0120WBSD01

Tot Ion: 107 Resp: 95330

Ion Ratio Lower Upper

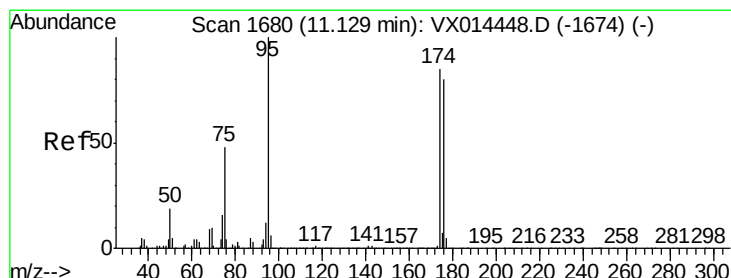
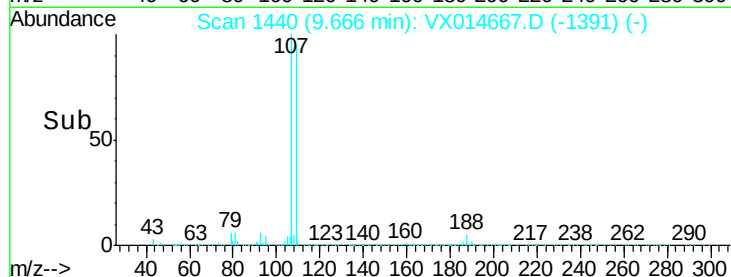
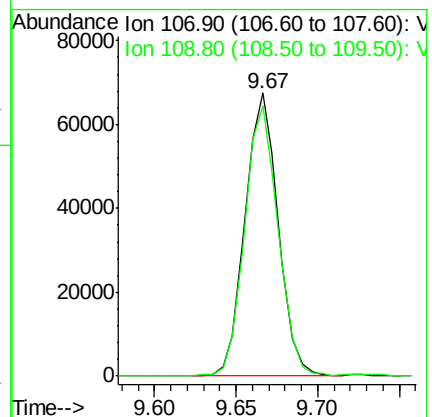
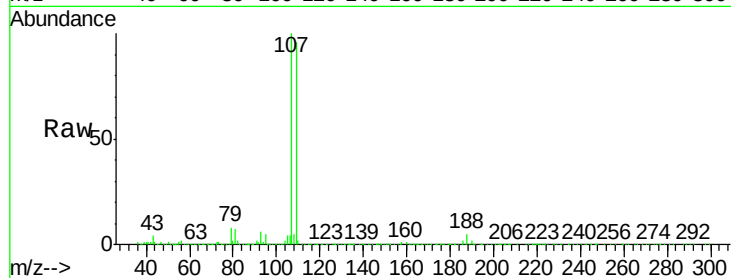
107 100

109 96.0 76.5 114.7

Manual Integrations
APPROVED

MMDadoda

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#62

4-Bromofluorobenzene

Concen: 48.802 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

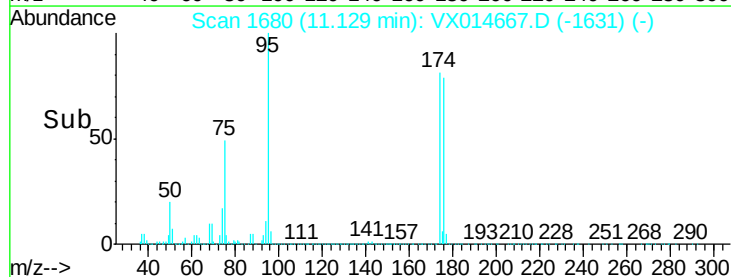
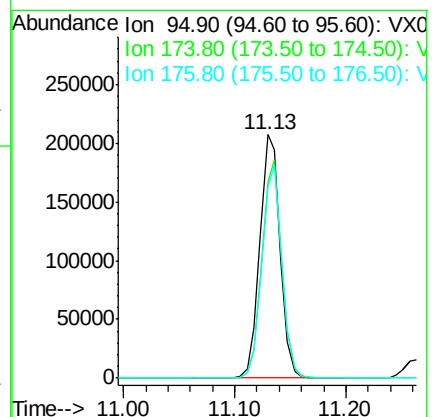
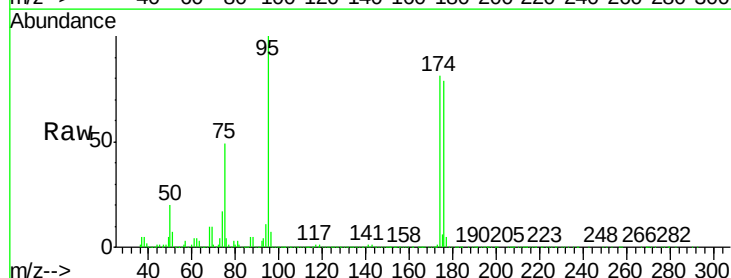
Tgt Ion: 95 Resp: 262398

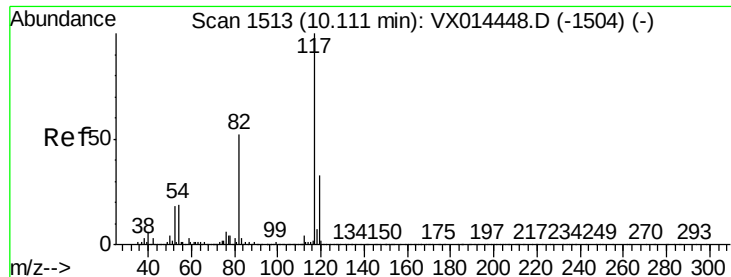
Ion Ratio Lower Upper

95 100

174 88.0 0.0 180.8

176 86.0 0.0 172.8





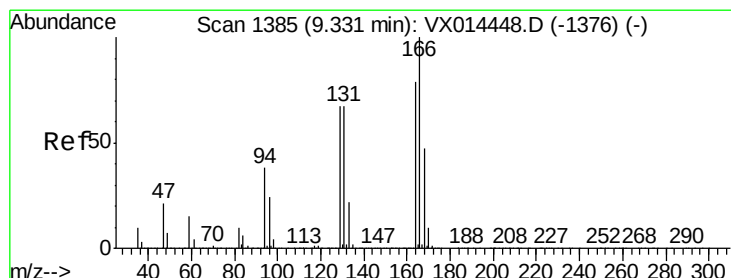
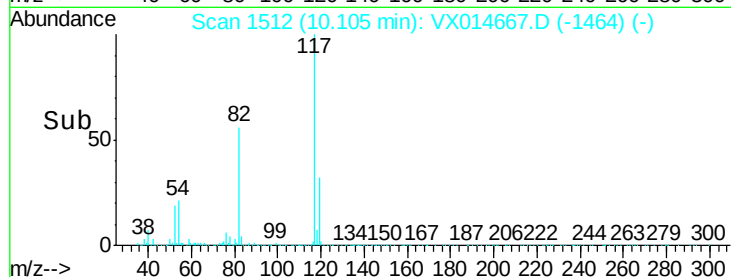
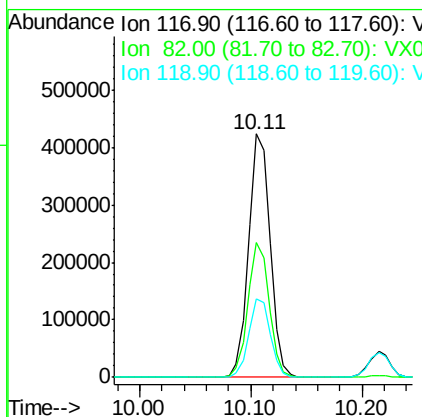
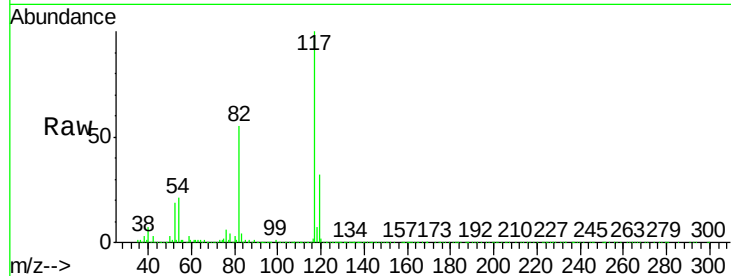
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014667.D
Acq: 20 Jan 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX0120WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.5	41.8	62.6
119	32.1	26.2	39.4

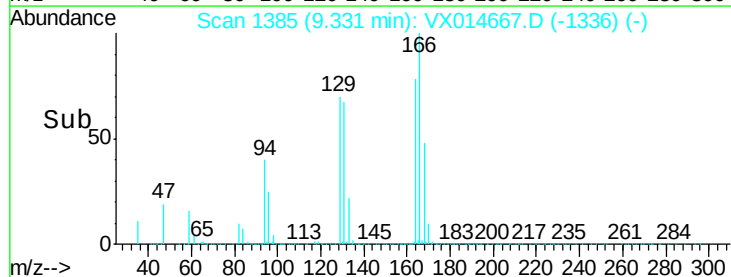
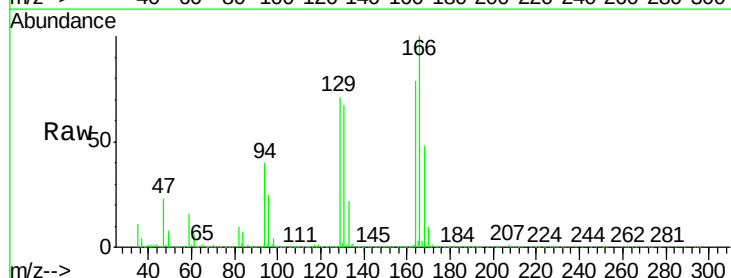
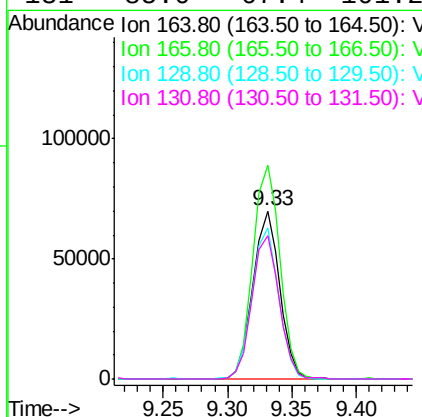
Manual Integrations
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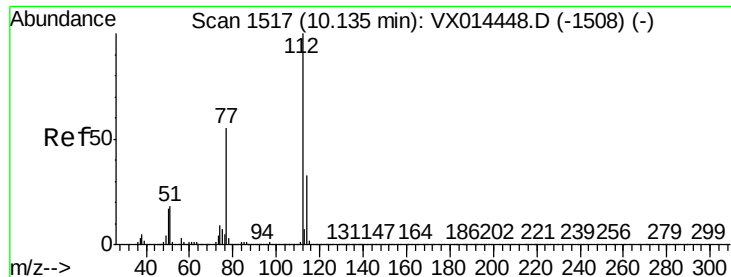
MMDadoda
1/21/2020 2:14:56 PM



#64
Tetrachloroethene
Concen: 17.517 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014667.D
Acq: 20 Jan 2020 11:38

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.2	101.2	151.8
129	89.8	68.3	102.5
131	85.0	67.4	101.2





#65

Chlorobenzene

Concen: 19.136 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX0120WBSD01

Tot Ion:112 Resp: 236980

Ion Ratio Lower Upper

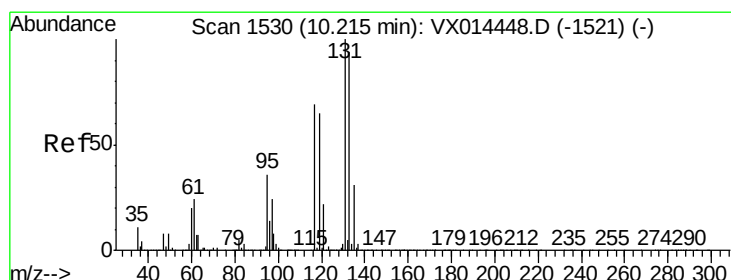
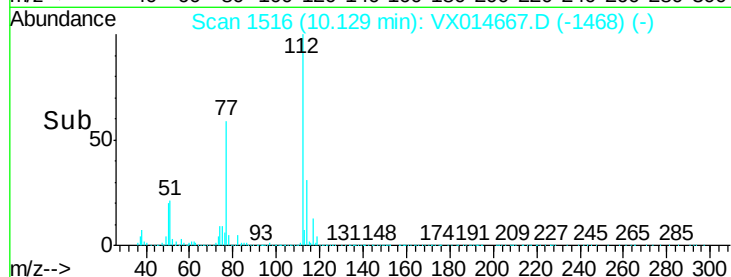
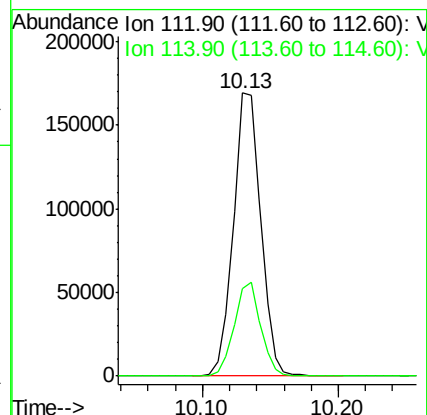
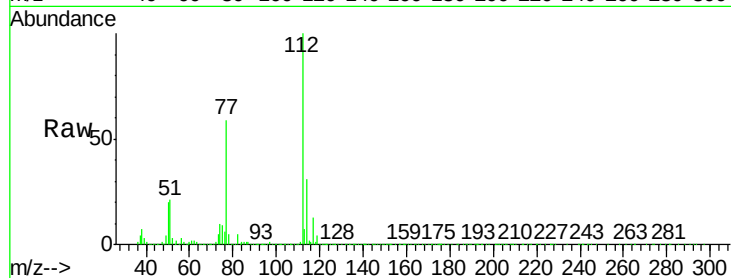
112 100

114 30.8 26.2 39.4

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 19.722 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

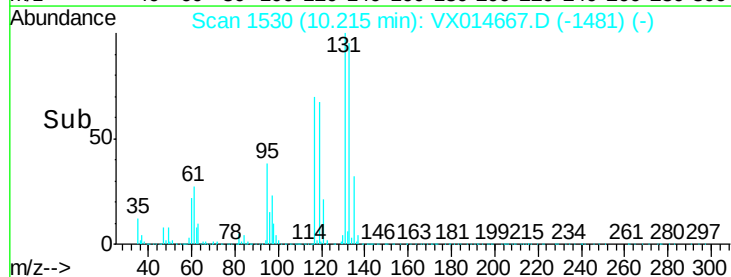
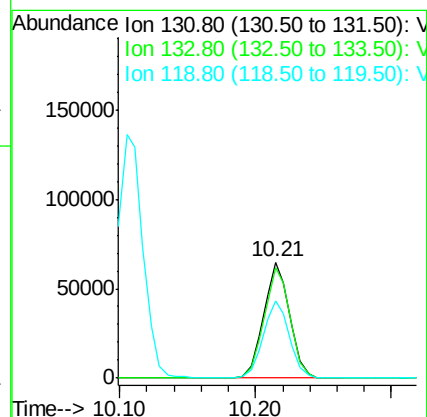
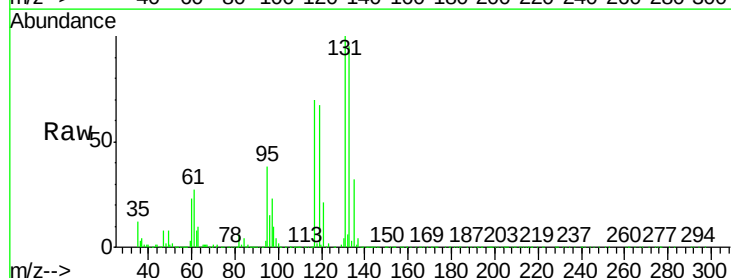
Tgt Ion:131 Resp: 87161

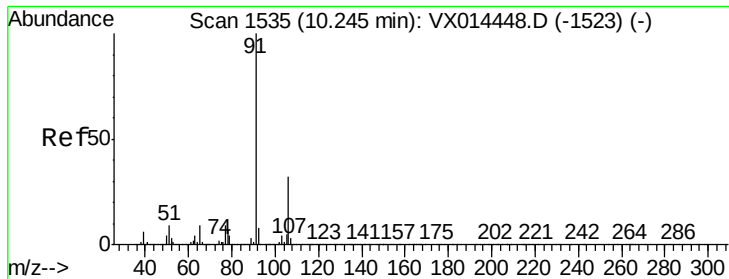
Ion Ratio Lower Upper

131 100

133 95.5 47.3 142.0

119 67.4 32.8 98.4





#67

Ethyl Benzene

Concen: 19.702 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX0120WBSD01

Tot Ion: 91 Resp: 415870

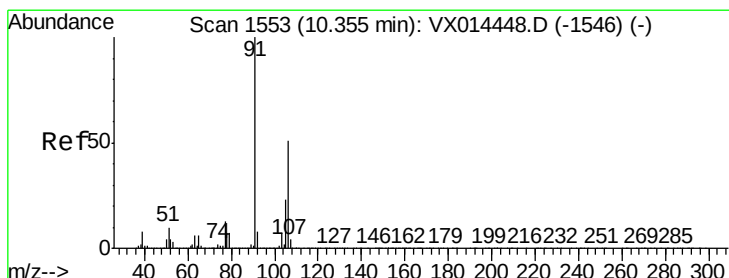
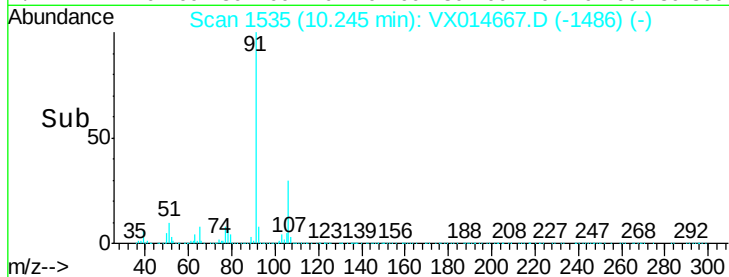
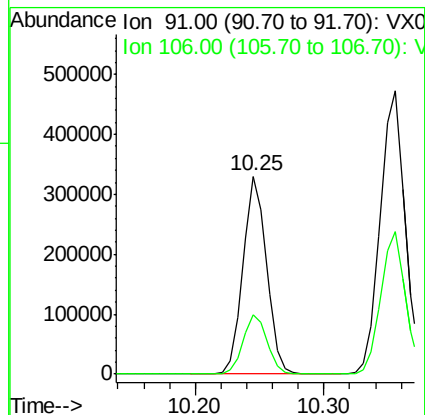
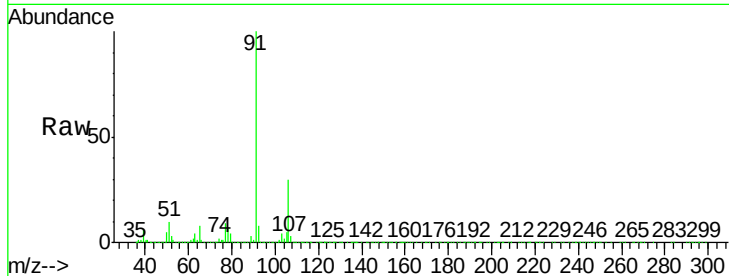
Ion Ratio Lower Upper

91 100

106 30.3 25.6 38.4

Manual Integrations
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#68

m/p-Xylenes

Concen: 38.399 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014667.D

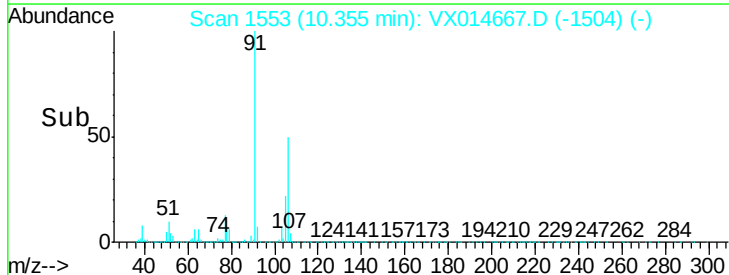
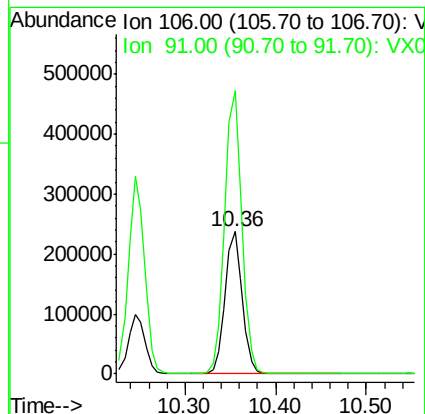
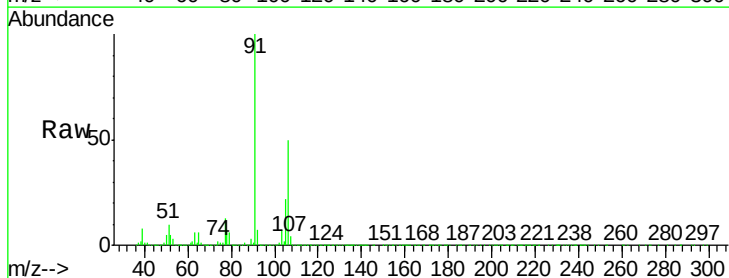
Acq: 20 Jan 2020 11:38

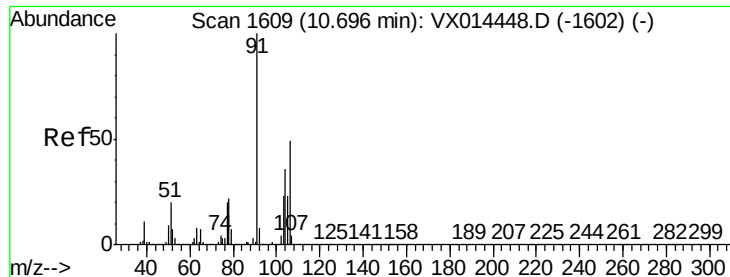
Tgt Ion: 106 Resp: 312690

Ion Ratio Lower Upper

106 100

91 199.6 157.4 236.0





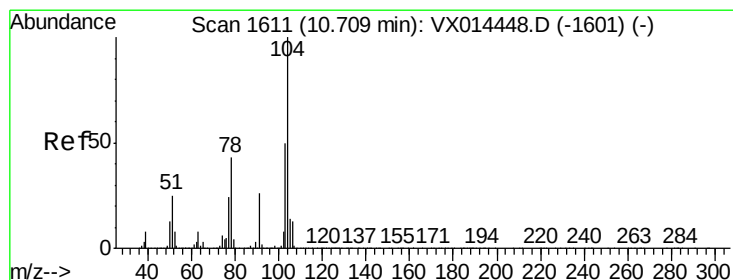
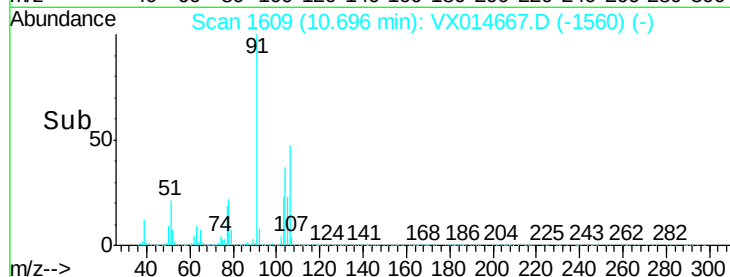
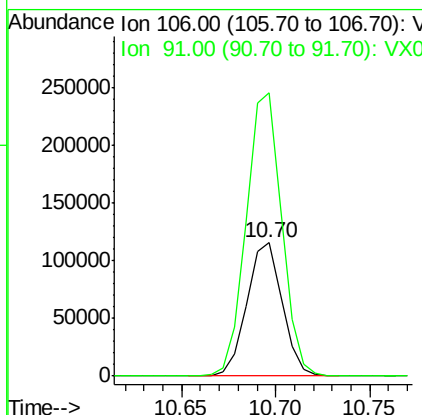
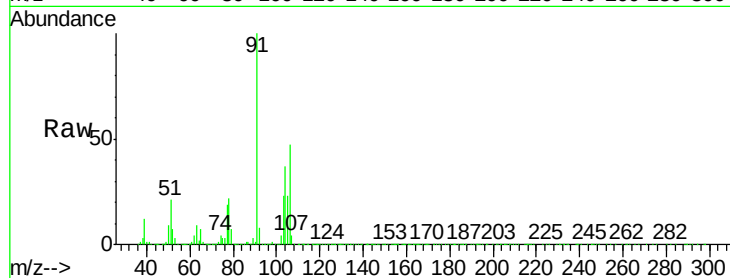
#69
o-Xylene
Concen: 19.403 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014667.D
Acq: 20 Jan 2020 11:38

Instrument :
MSVOA_X
ClientSampled :
VX0120WBSD01

Tot Ion	Ratio	Lower	Upper
106	100		
91	212.9	105.1	315.1

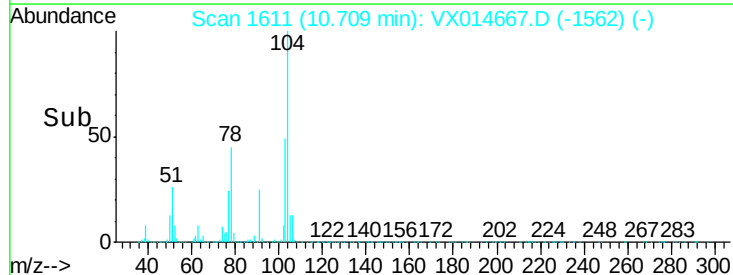
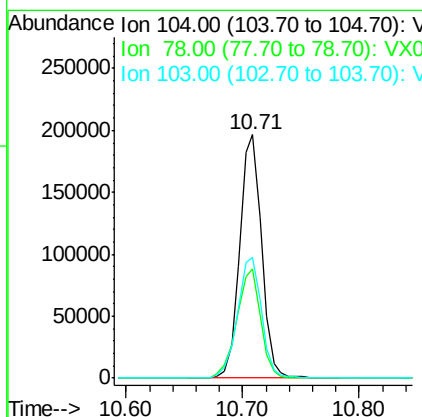
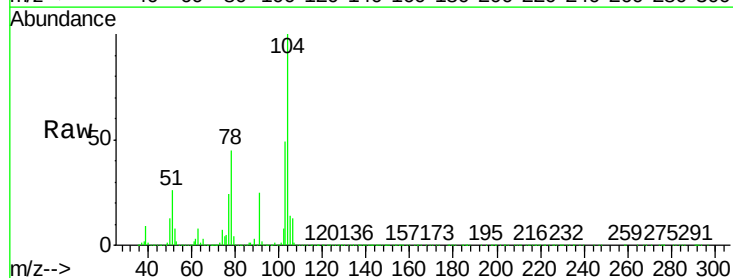
Manual Integrations
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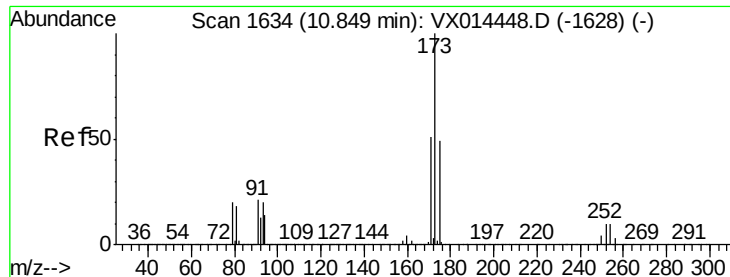
MMDadoda
1/21/2020 2:14:56 PM



#70
Styrene
Concen: 19.216 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014667.D
Acq: 20 Jan 2020 11:38

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.0	38.6	58.0
103	54.5	43.7	65.5





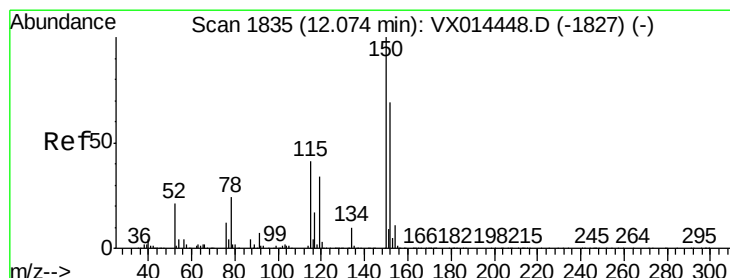
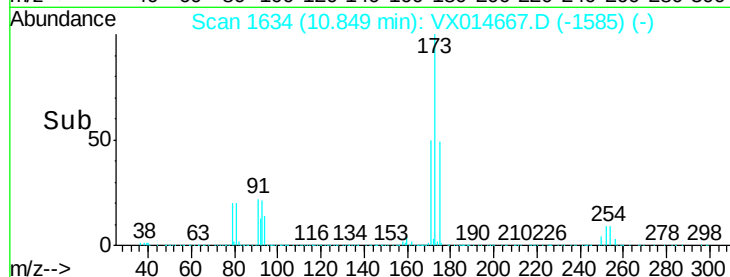
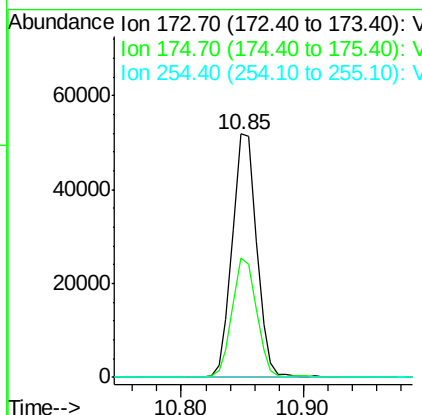
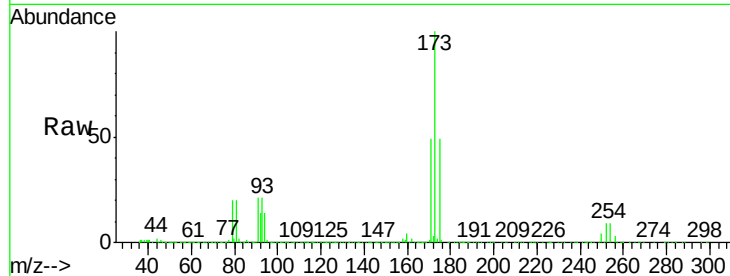
#71
Bromoform
Concen: 19.795 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VX014667.D
Acq: 20 Jan 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX0120WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.3	72.8
254	0.1	0.2	0.2

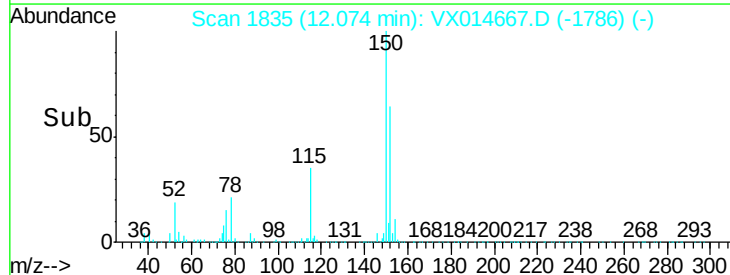
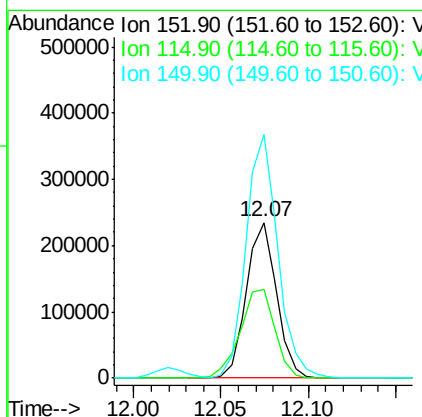
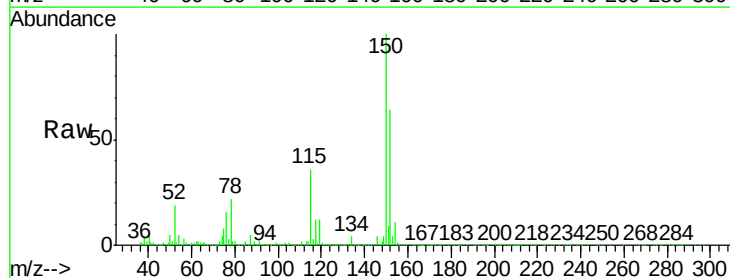
Manual Integrations
APPROVED

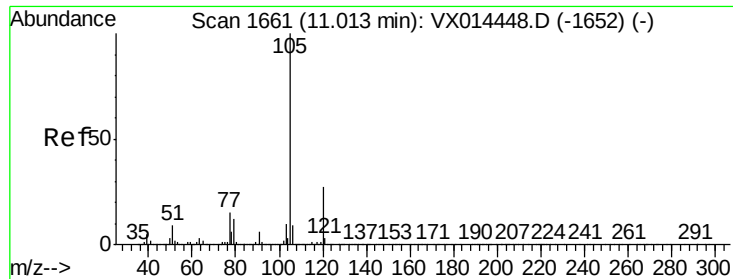
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014667.D
Acq: 20 Jan 2020 11:38

Tgt Ion	Ratio	Lower	Upper
152	100		
115	66.0	39.5	118.3
150	164.4	0.0	350.2





#73

Isopropylbenzene

Concen: 20.491 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX0120WBSD01

Tot Ion:105 Resp: 404348

Ion Ratio Lower Upper

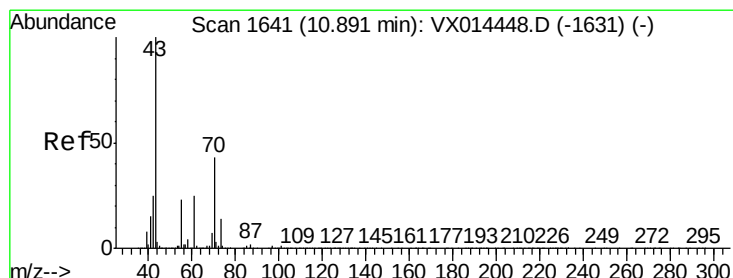
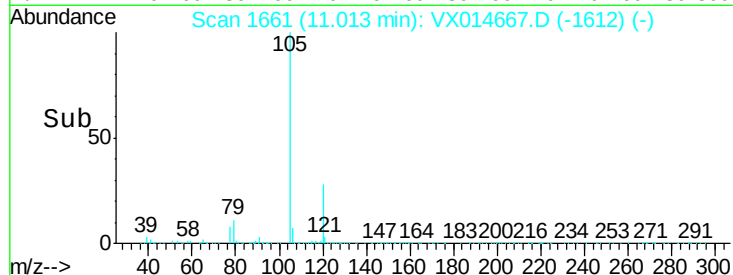
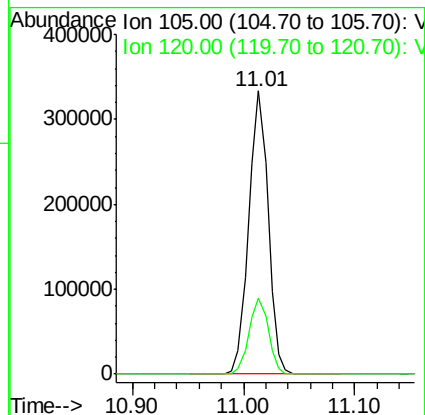
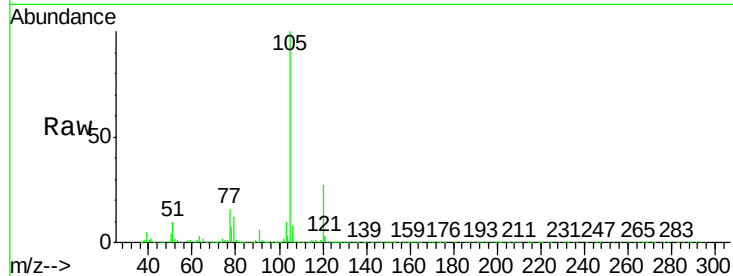
105 100

120 26.9 13.4 40.2

Manual Integrations
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#74

N-ethyl acetate

Concen: 21.167 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

Tgt Ion: 43 Resp: 184275

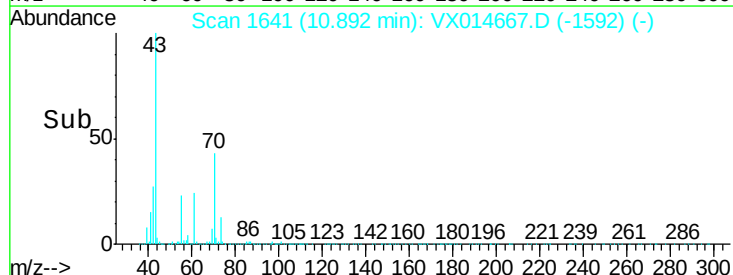
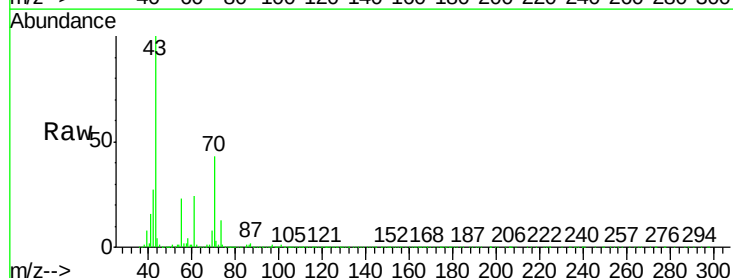
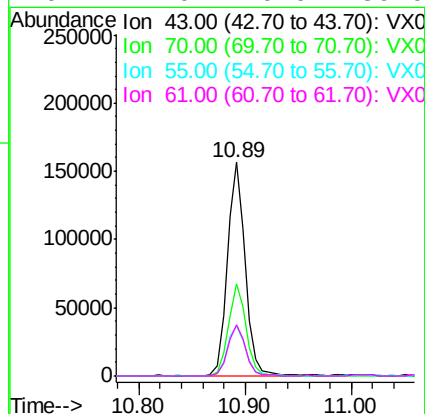
Ion Ratio Lower Upper

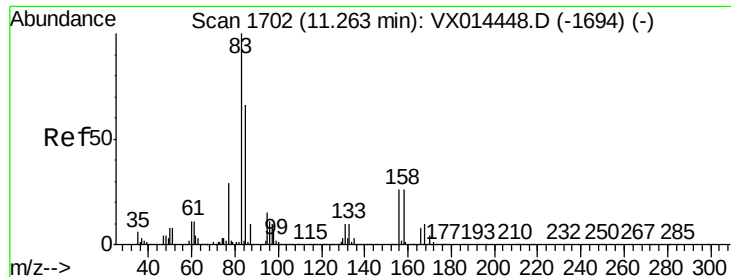
43 100

70 42.2 35.1 52.7

55 23.7 19.3 28.9

61 24.0 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.979 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

Instrument :

MSVOA_X

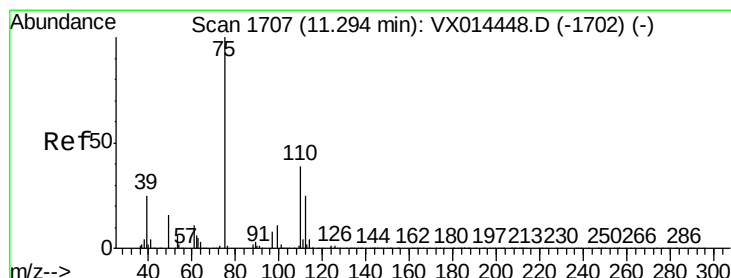
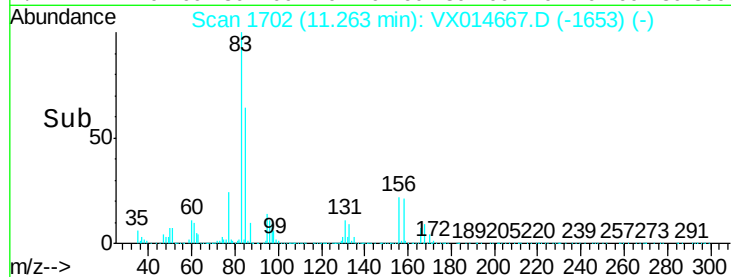
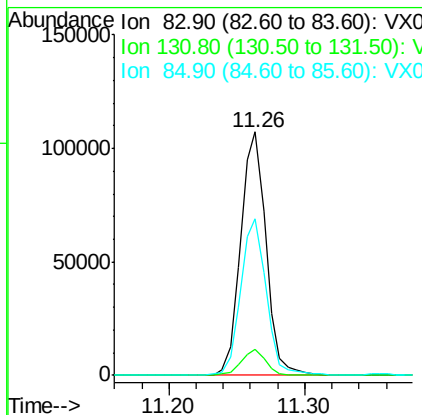
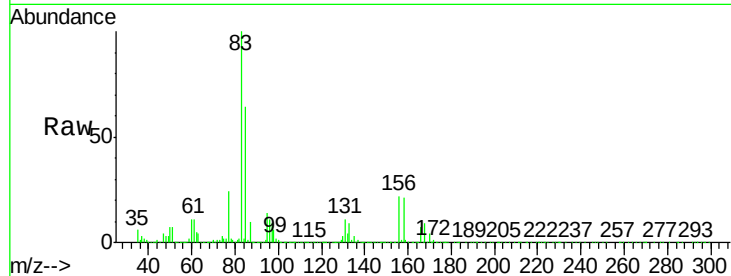
ClientSampleId :

VX0120WBSD01

Tot Ion:	83	Resp:	139089
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.1	15.4
85	64.6	32.5	97.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.489 ug/l m

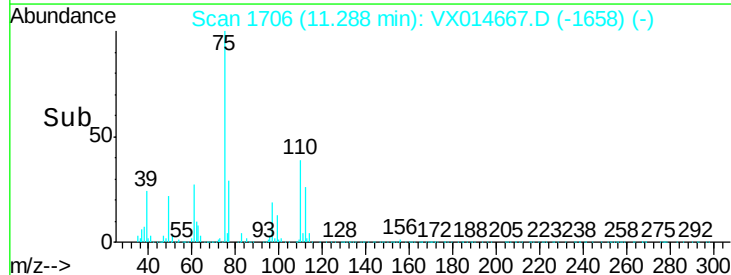
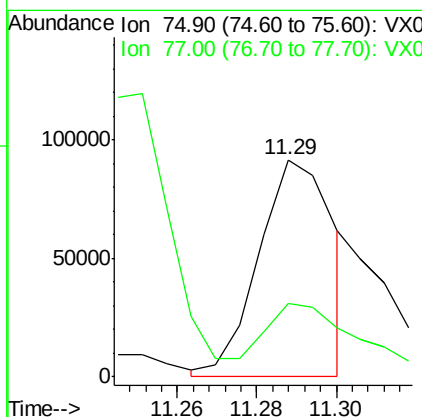
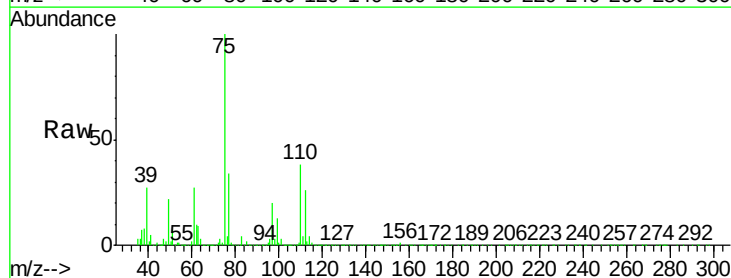
RT: 11.29 min Scan# 1706

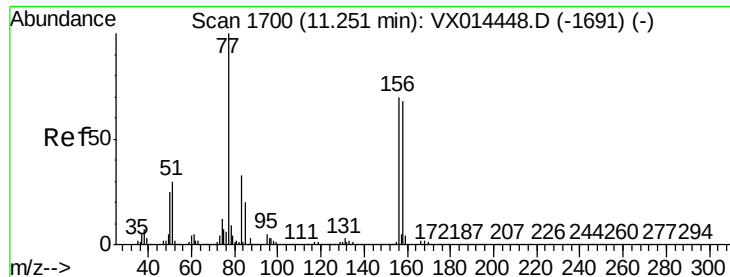
Delta R.T. -0.01 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

Tgt Ion:	75	Resp:	119123
Ion Ratio	Lower	Upper	
75	100		
77	42.4	21.9	65.7





#77

Bromobenzene

Concen: 19.426 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

Instrument :

MSVOA_X

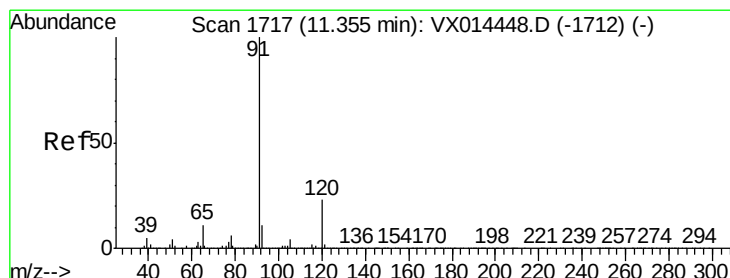
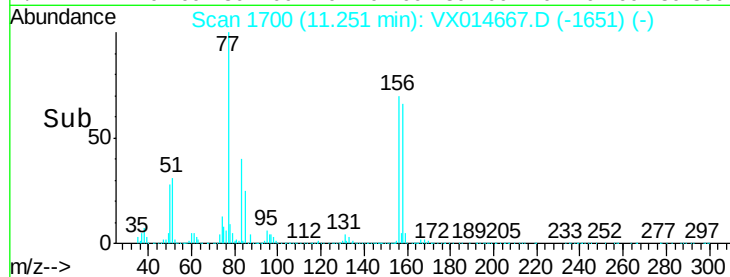
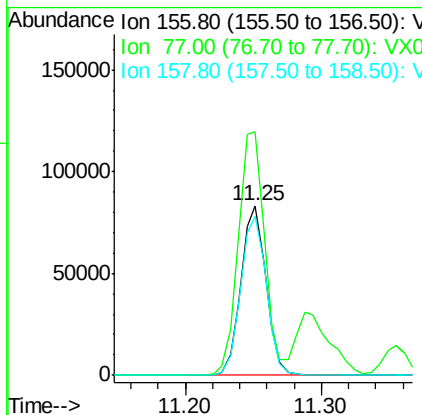
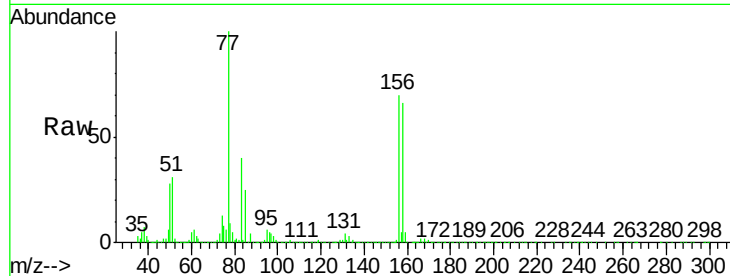
ClientSampleId :

VX0120WBSD01

Tot Ion:	156	Resp:	106302
Ion Ratio	Lower	Upper	
156	100		
77	153.7	75.4	226.3
158	96.9	48.8	146.3

Manual Integrations
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#78

n-propylbenzene

Concen: 20.205 ug/l

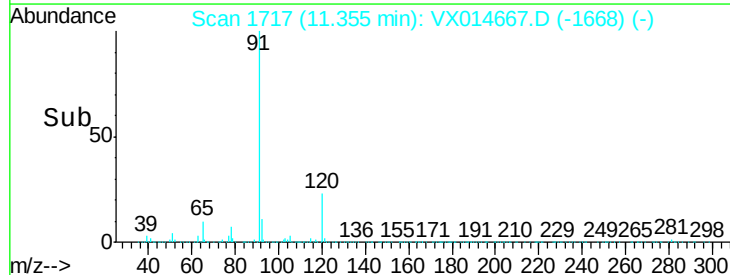
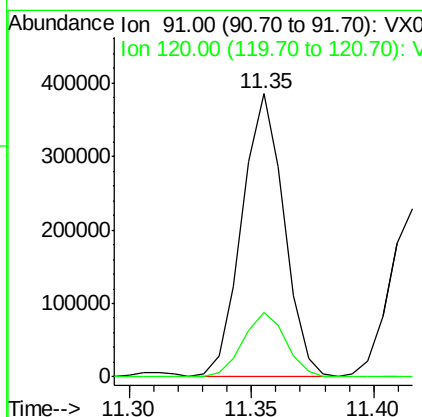
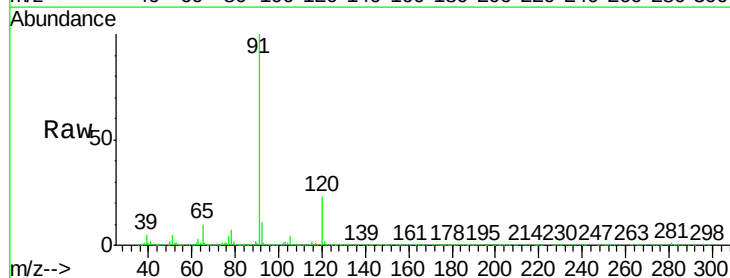
RT: 11.35 min Scan# 1717

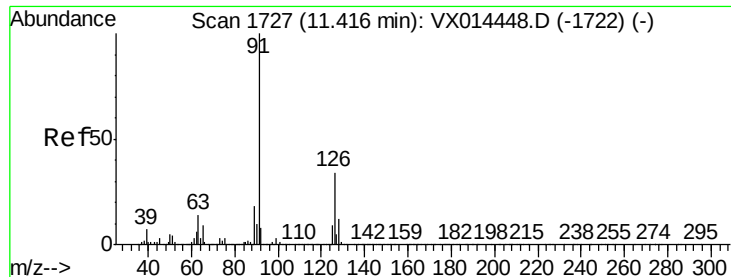
Delta R.T. 0.00 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

Tgt Ion:	91	Resp:	456616
Ion Ratio	Lower	Upper	
91	100		
120	23.3	11.9	35.5





#79

2-Chlorotoluene

Concen: 20.371 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX0120WBSD01

Tot Ion: 91 Resp: 274367

Ion Ratio Lower Upper

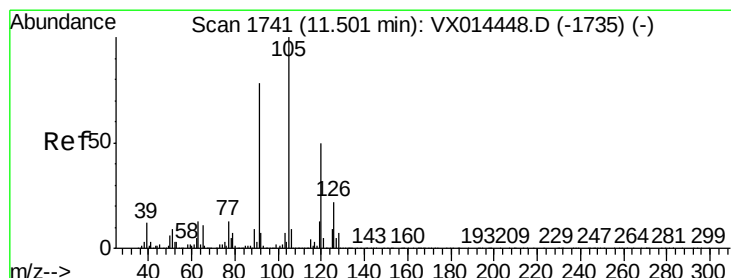
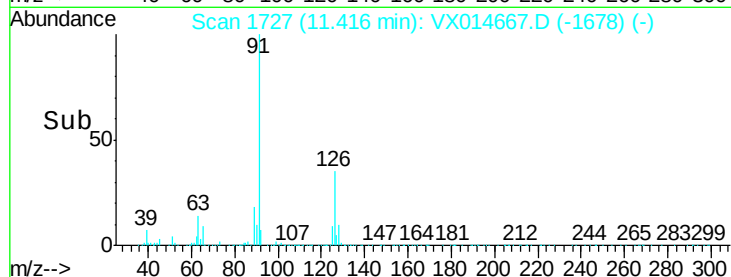
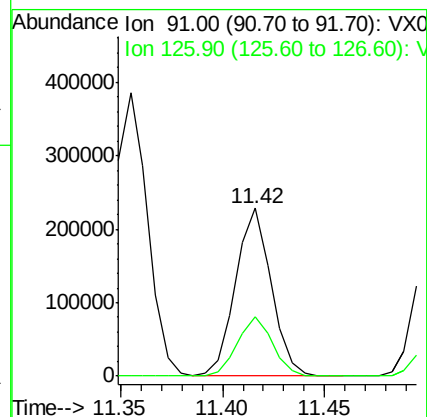
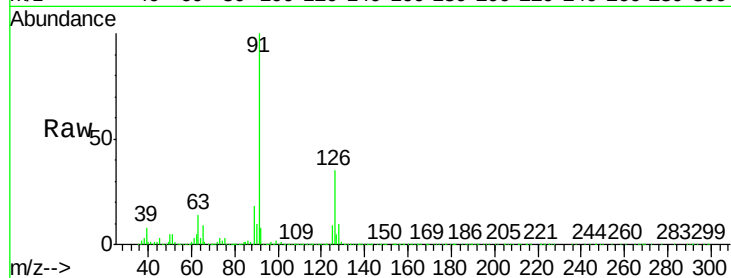
91 100

126 35.1 17.5 52.5

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 20.821 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014667.D

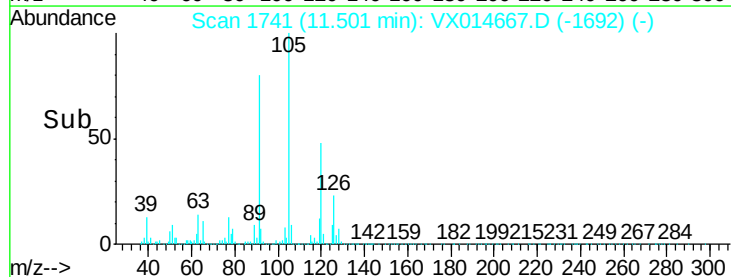
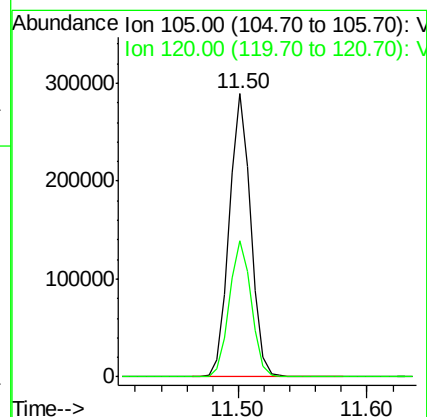
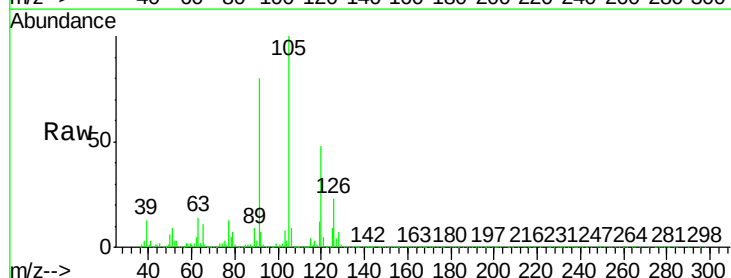
Acq: 20 Jan 2020 11:38

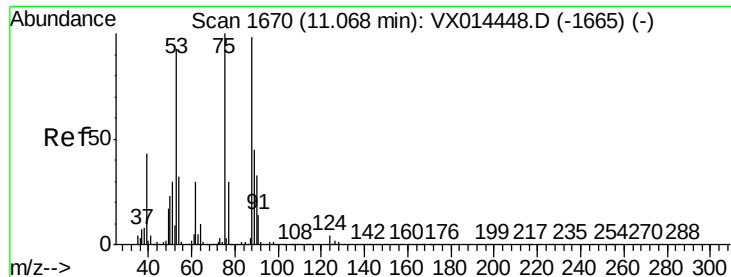
Tgt Ion: 105 Resp: 341103

Ion Ratio Lower Upper

105 100

120 49.2 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 19.861 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

Instrument :

MSVOA_X

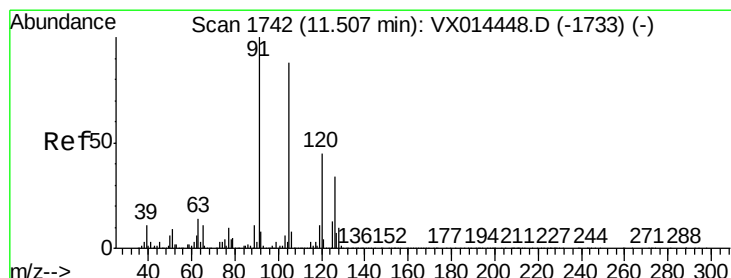
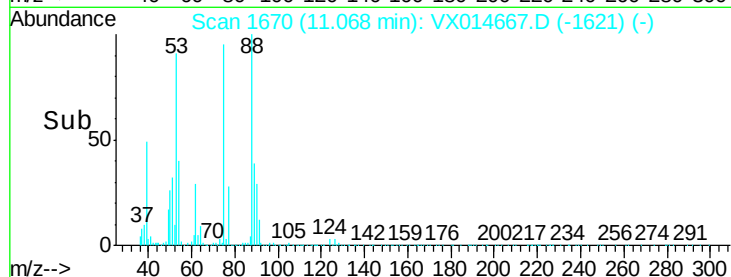
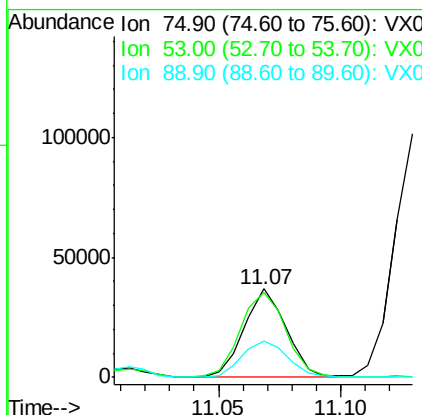
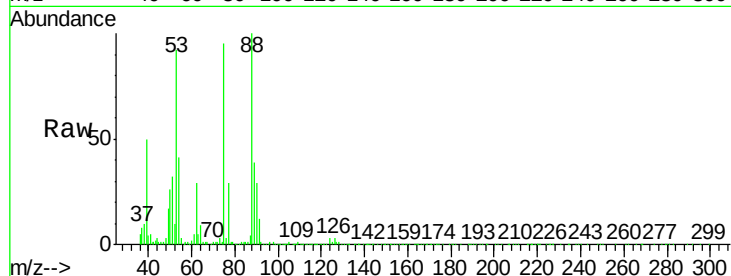
ClientSampled :

VX0120WBSD01

Tot Ion:	75	Resp:	43676
Ion Ratio	Lower	Upper	
75	100		
53	102.9	74.8	112.2
89	45.6	36.3	54.5

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.207 ug/l

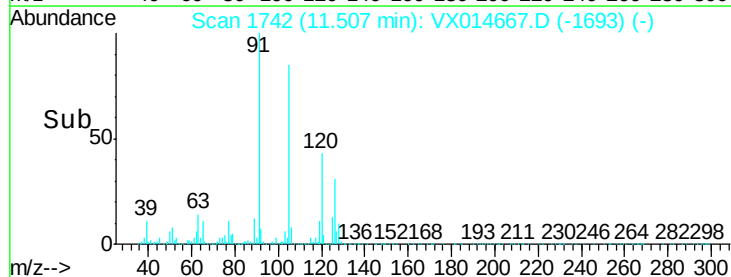
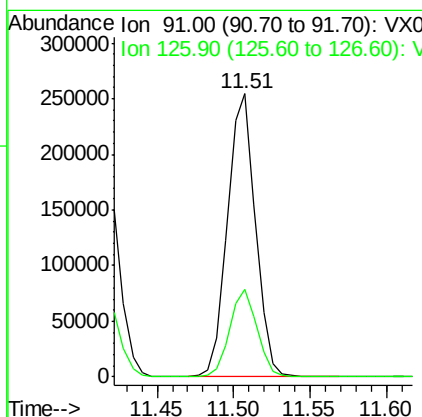
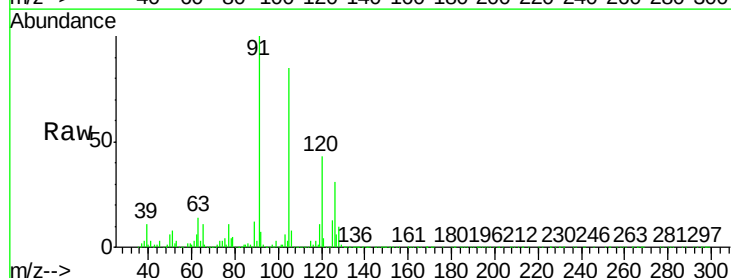
RT: 11.51 min Scan# 1742

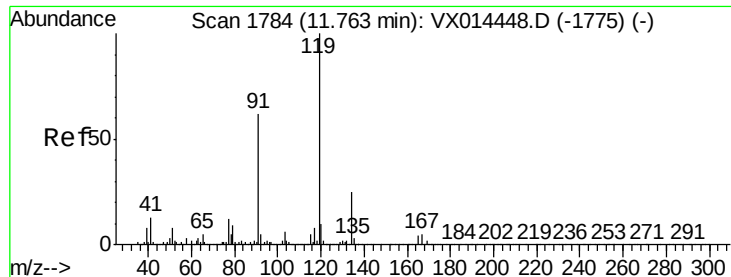
Delta R.T. 0.00 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

Tgt Ion:	91	Resp:	319466
Ion Ratio	Lower	Upper	
91	100		
126	30.3	15.9	47.7





#83

tert-Butylbenzene

Concen: 20.521 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

Instrument :

MSVOA_X

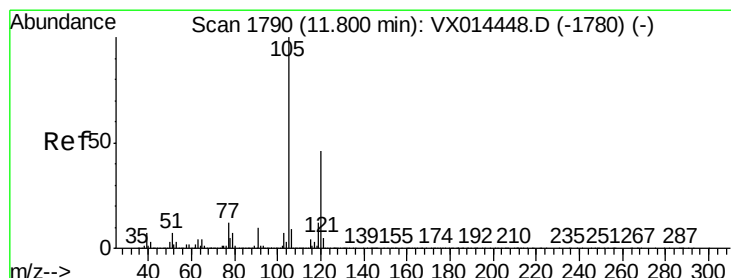
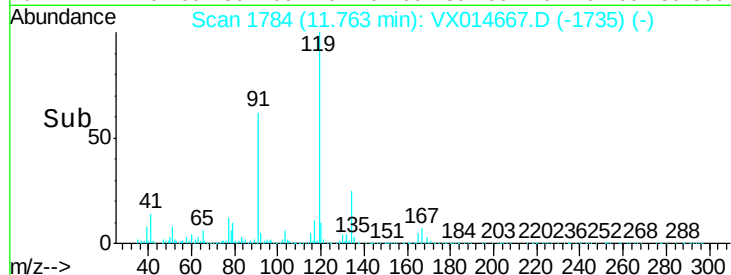
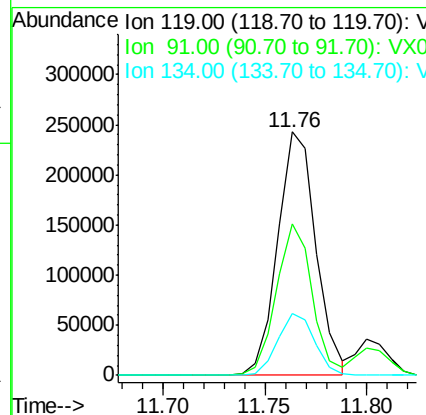
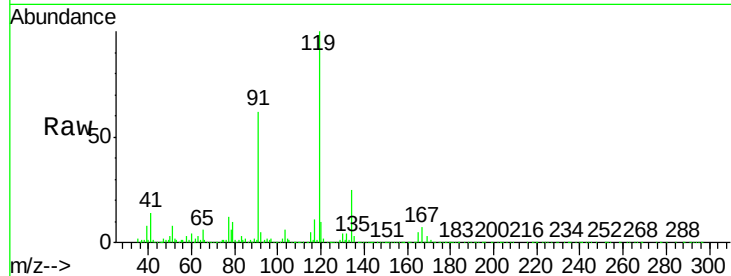
ClientSampleId :

VX0120WBSD01

Tot Ion:	119	Resp:	317650
Ion Ratio	Lower	Upper	
119	100		
91	58.3	29.3	88.0
134	24.6	12.4	37.4

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 20.582 ug/l

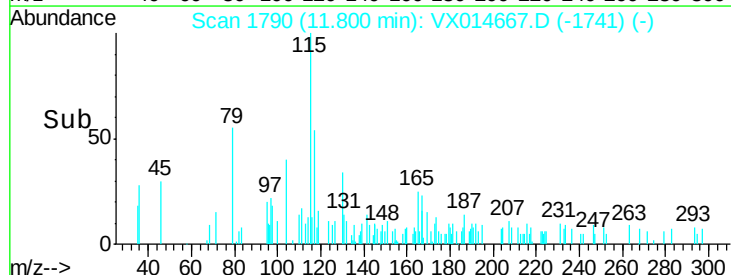
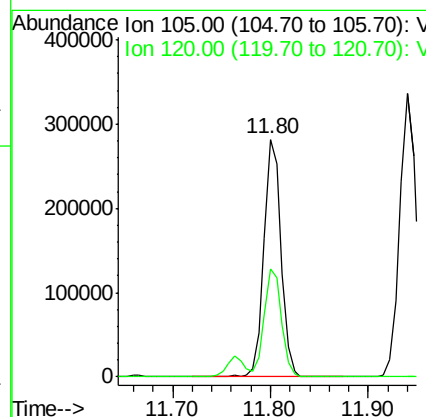
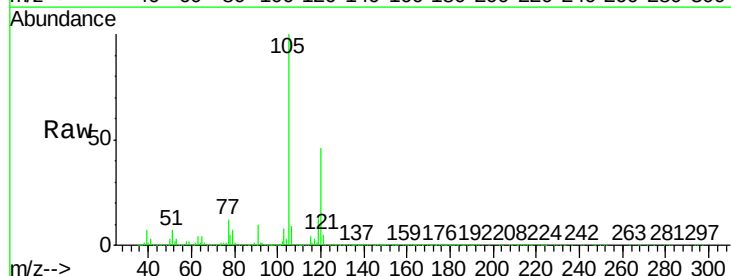
RT: 11.80 min Scan# 1790

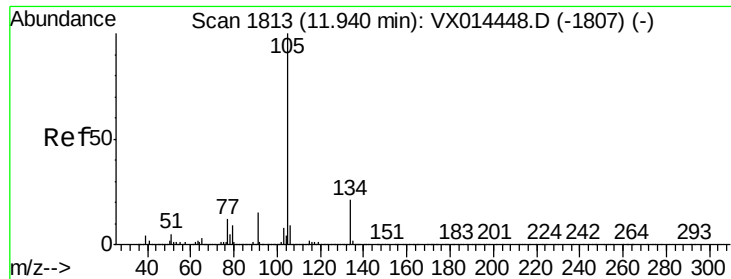
Delta R.T. 0.00 min

Lab File: VX014667.D

Acq: 20 Jan 2020 11:38

Tgt Ion:	105	Resp:	340712
Ion Ratio	Lower	Upper	
105	100		
120	45.6	23.1	69.3





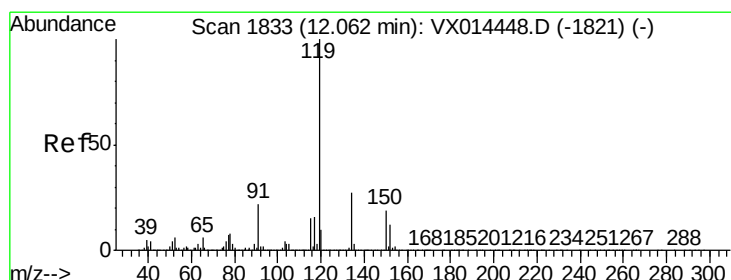
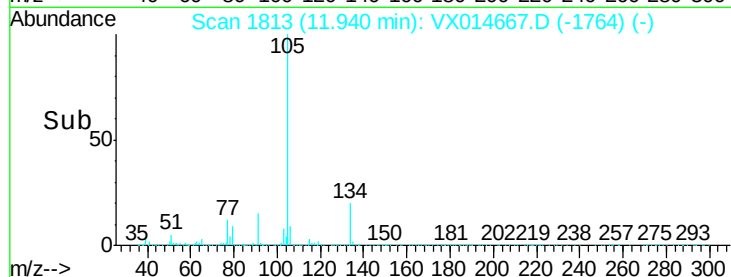
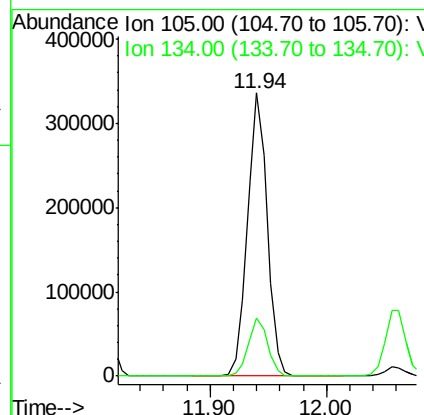
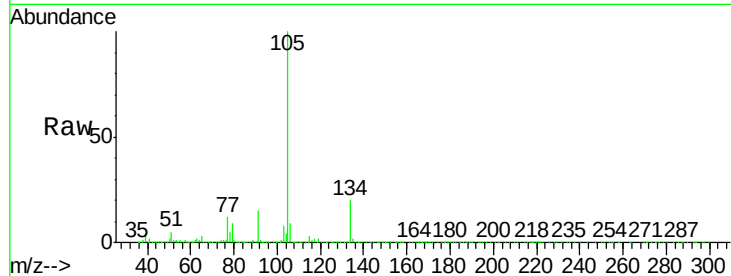
#85
 sec-Butylbenzene
 Concen: 20.596 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014667.D
 Acq: 20 Jan 2020 11:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0120WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	396342		
134	20.3	10.5	31.5	

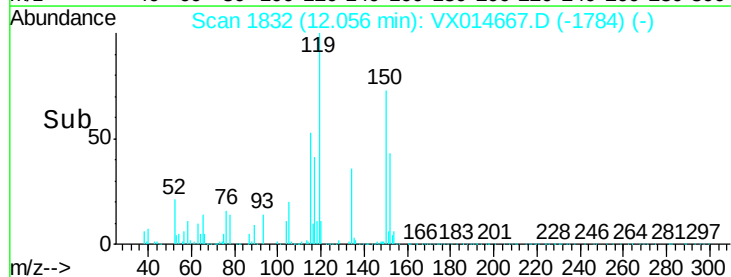
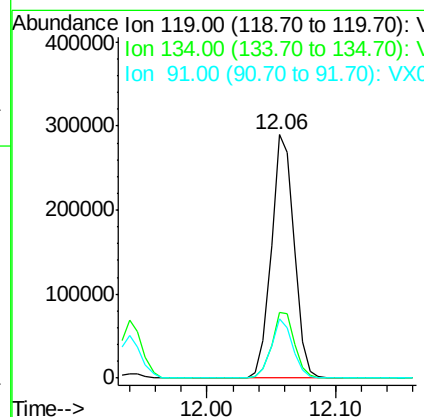
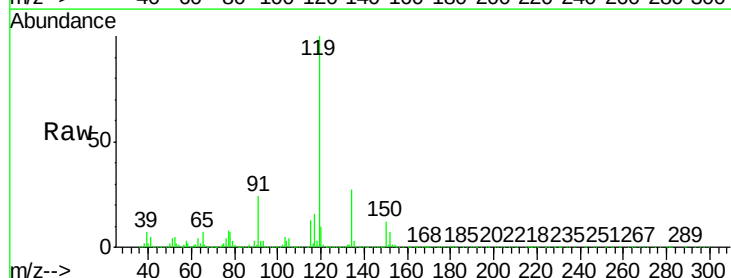
Manual Integrations
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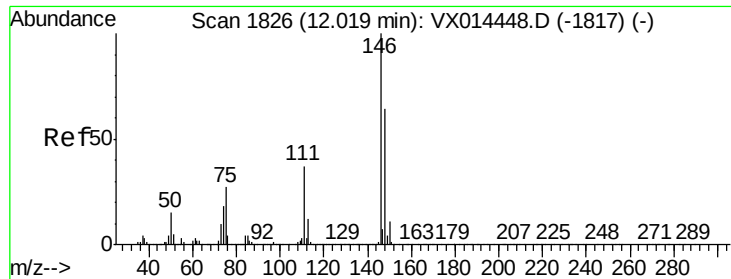
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#86
 p-Isopropyltoluene
 Concen: 19.984 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX014667.D
 Acq: 20 Jan 2020 11:38

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	356843		
134	27.2	13.5	40.4	
91	22.9	11.1	33.3	





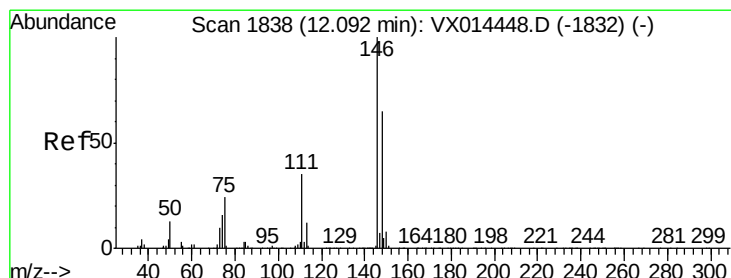
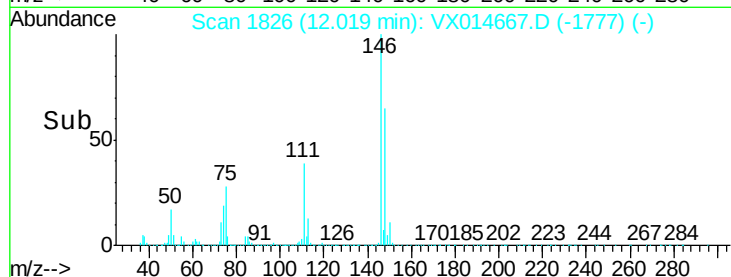
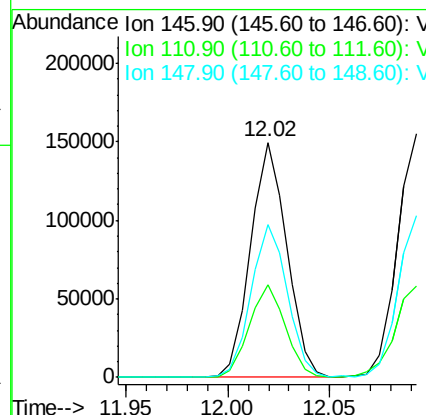
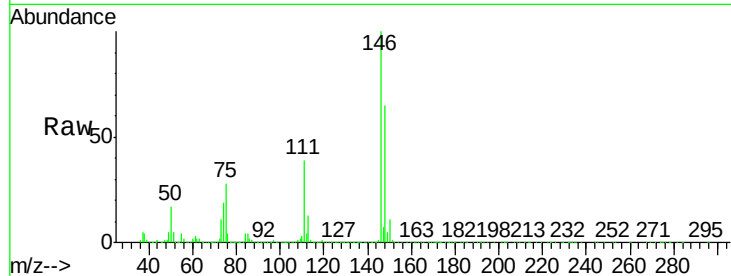
#87
 1,3-Dichlorobenzene
 Concen: 18.830 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014667.D
 Acq: 20 Jan 2020 11:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0120WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	18.9	56.7
148	65.3	32.2	96.6

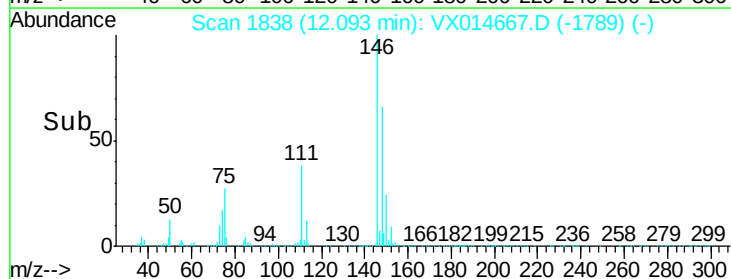
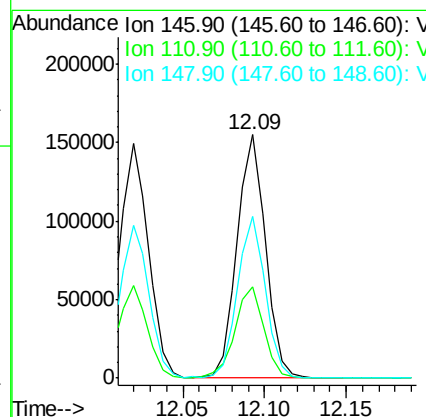
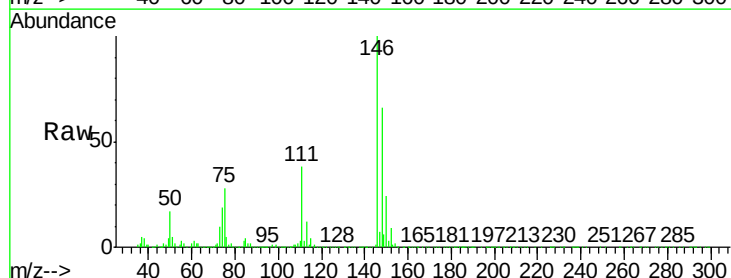
Manual Integrations
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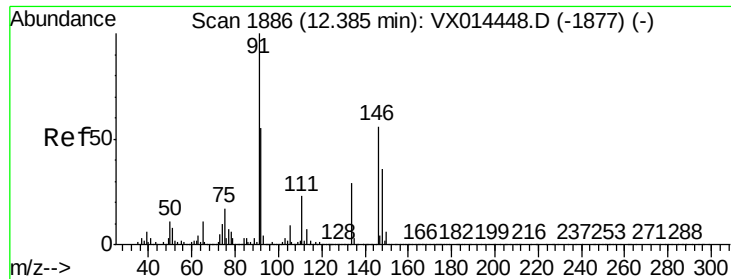
MMDadoda
 1/21/2020 2:14:56 PM



#88
 1,4-Dichlorobenzene
 Concen: 19.923 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014667.D
 Acq: 20 Jan 2020 11:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.1	54.1
148	65.3	32.1	96.3





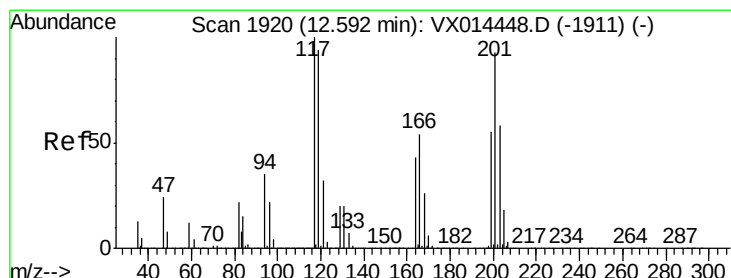
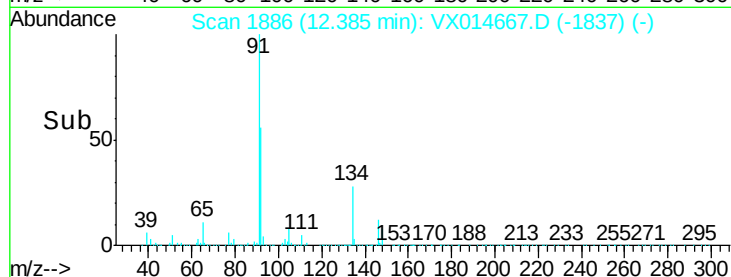
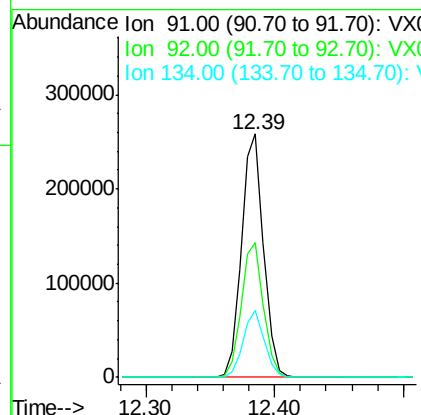
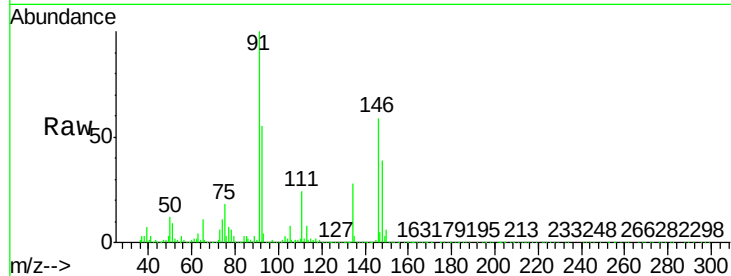
#89
n-Butylbenzene
Concen: 18.713 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014667.D
Acq: 20 Jan 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX0120WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.4	27.4	82.2
134	26.9	13.9	41.7

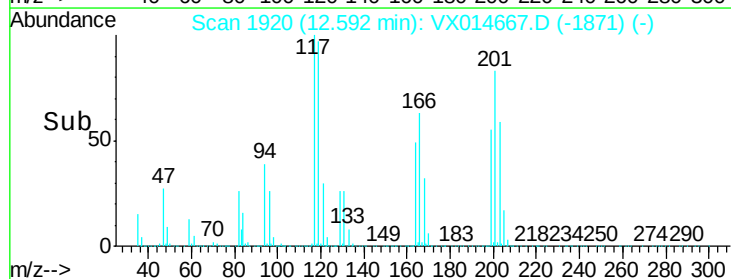
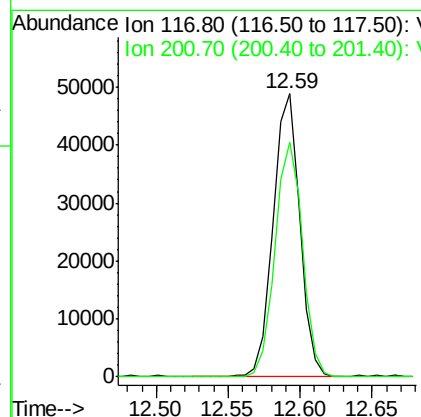
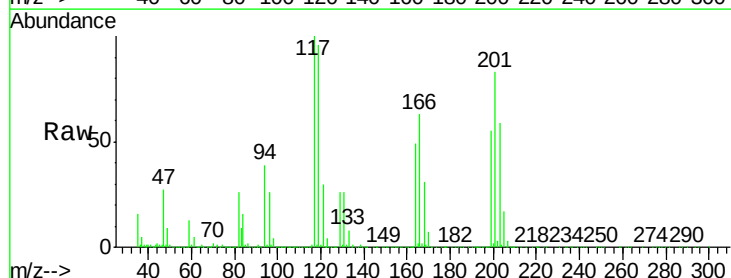
Manual Integrations
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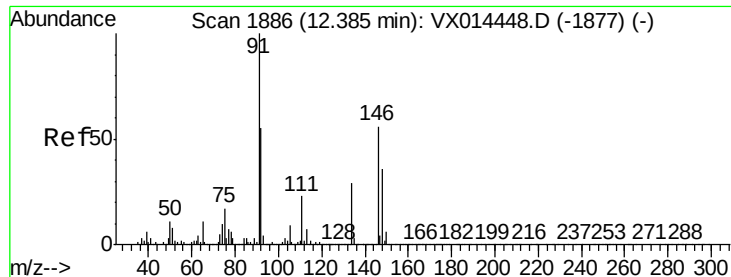
MMDadoda
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#90
Hexachloroethane
Concen: 19.904 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014667.D
Acq: 20 Jan 2020 11:38

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.9	44.8	134.3





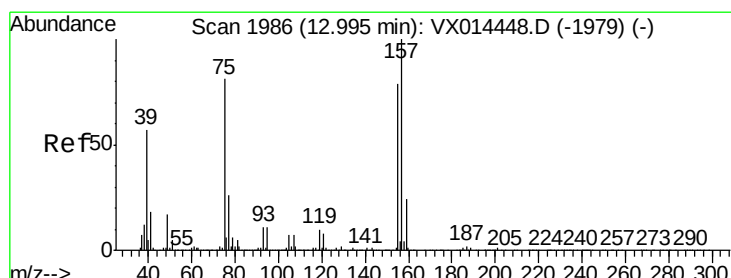
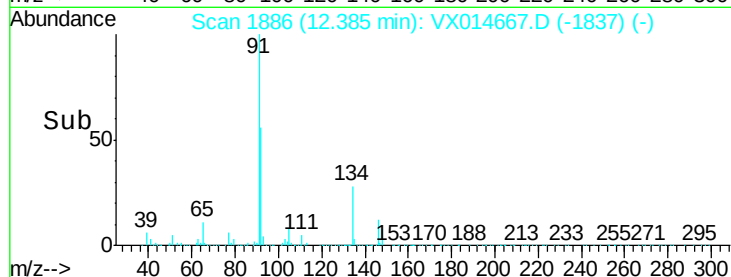
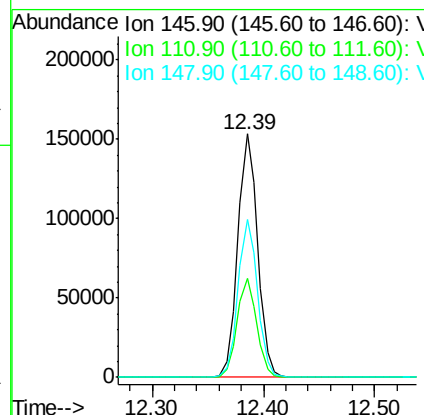
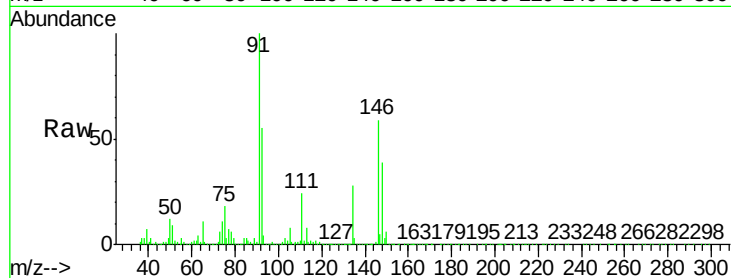
#91
1,2-Dichlorobenzene
Concen: 19.643 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014667.D
Acq: 20 Jan 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX0120WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.8	59.4
148	63.5	32.3	96.8

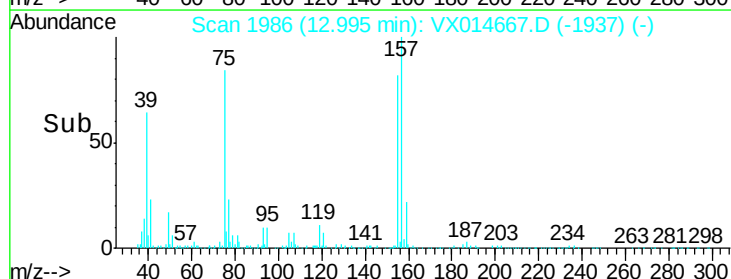
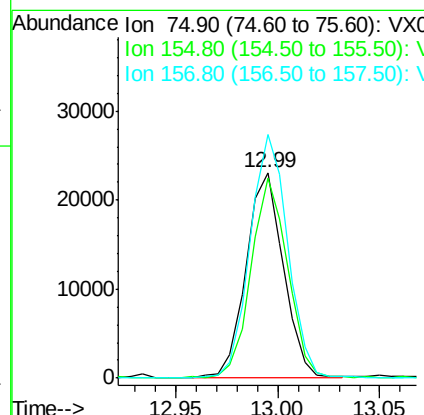
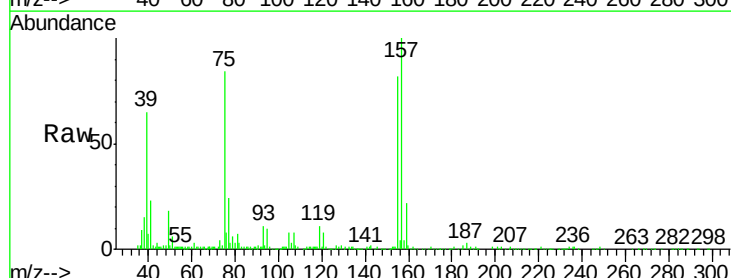
Manual Integrations
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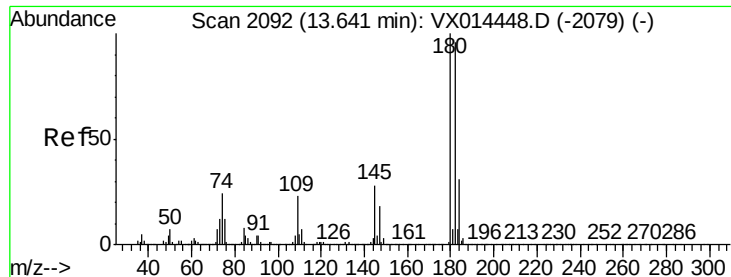
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#92
1,2-Dibromo-3-Chloropropane
Concen: 20.713 ug/l
RT: 12.99 min Scan# 1986
Delta R.T. 0.00 min
Lab File: VX014667.D
Acq: 20 Jan 2020 11:38

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.8	48.7	146.1
157	119.6	62.0	185.9





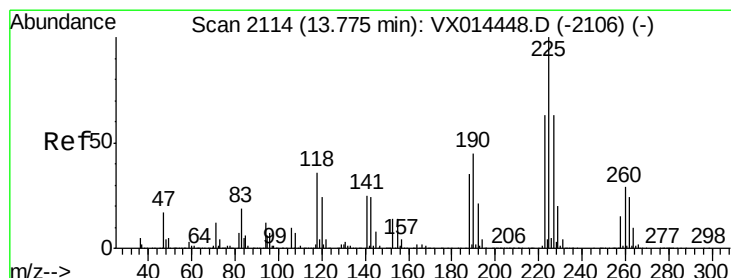
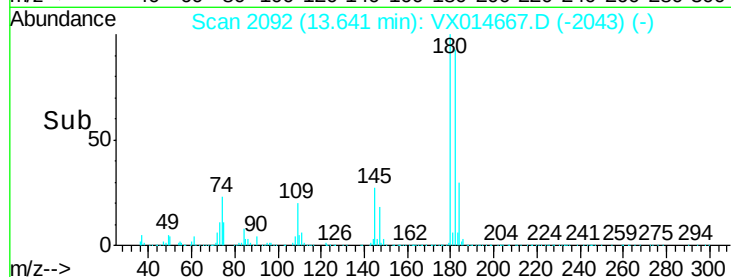
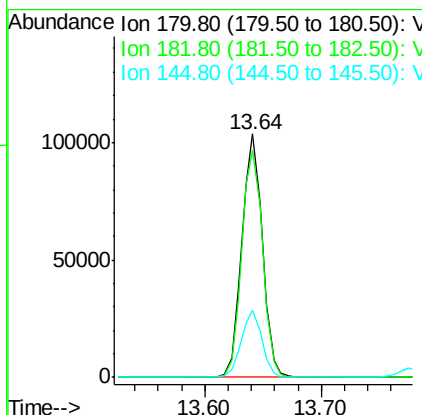
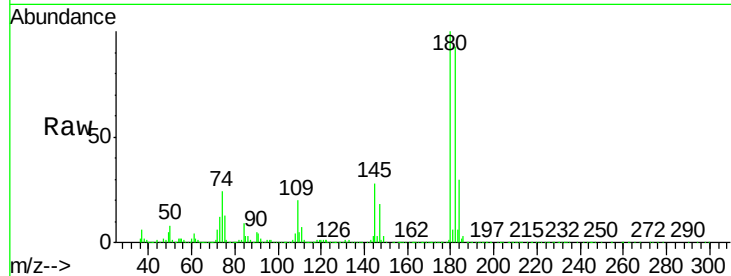
#93
1,2,4-Trichlorobenzene
Concen: 18.831 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX014667.D
Acq: 20 Jan 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX0120WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	127643		
182	95.2	47.5	142.5	
145	28.0	13.9	41.6	

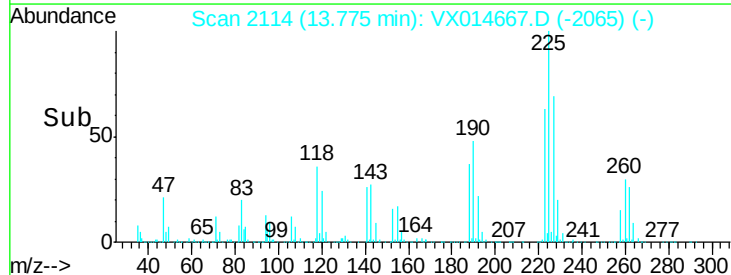
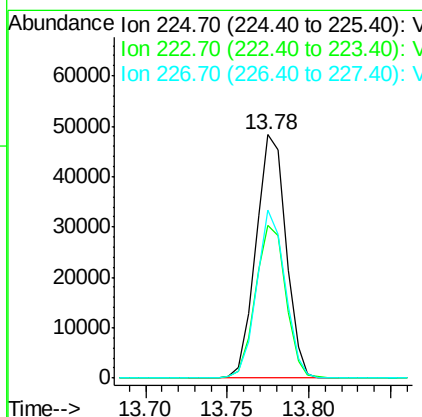
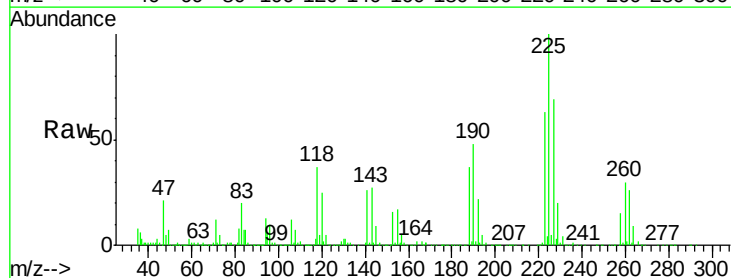
Manual Integrations
APPROVED

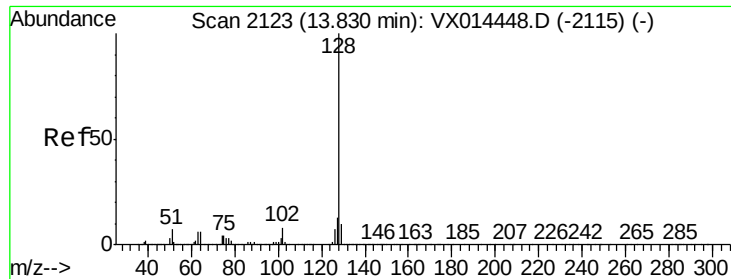
MMDadoda
1/21/2020 2:14:56 PM



#94
Hexachlorobutadiene
Concen: 19.741 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX014667.D
Acq: 20 Jan 2020 11:38

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	62320		
223	63.3	31.1	93.2	
227	65.8	31.4	94.2	





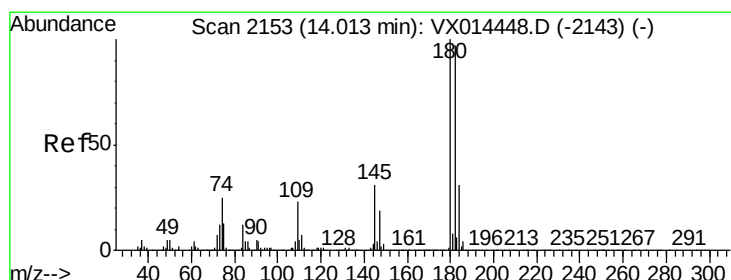
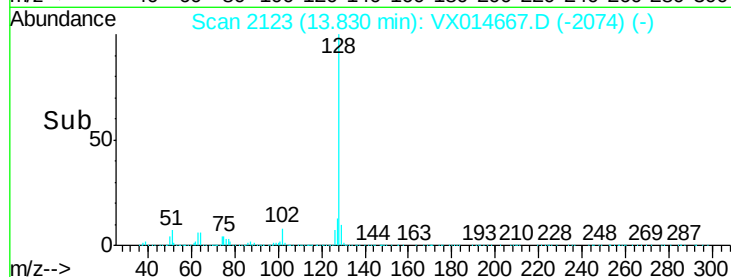
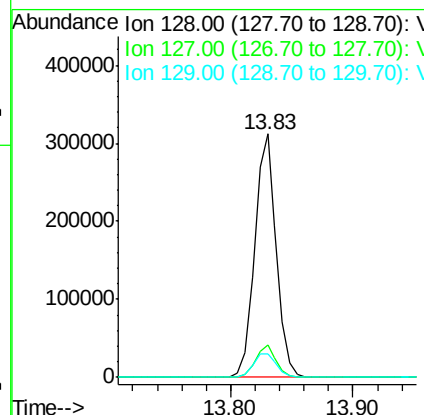
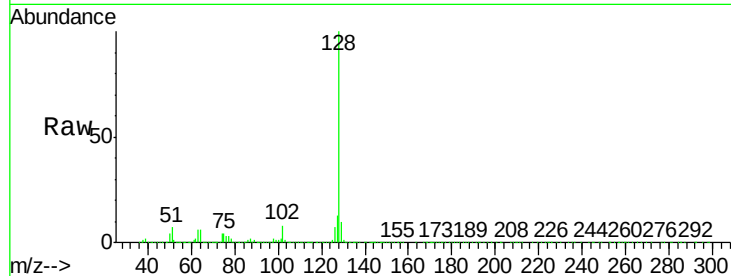
#95
Naphthalene
Concen: 18.135 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014667.D
Acq: 20 Jan 2020 11:38

Instrument :
MSVOA_X
ClientSampled :
VX0120WBSD01

Tot Ion	Ratio	Resp Lower	Upper
128	100		
127	13.1	10.3	15.5
129	10.5	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
1/21/2020 2:14:56 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.229 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014667.D
Acq: 20 Jan 2020 11:38

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.5	47.9	143.6
145	30.8	14.8	44.3

