

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012020\
 Data File : VX014666.D
 Acq On : 20 Jan 2020 11:09
 Operator : JC/SP
 Sample : VX0120WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0120WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/21/2020 2:14:49 PM

Quant Time: Jan 21 00:43:36 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	432884	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	646120	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	581920	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	293519	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	245426	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	
35) Dibromofluoromethane	5.48	113	199591	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
50) Toluene-d8	8.71	98	771744	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	
62) 4-Bromofluorobenzene	11.13	95	272936	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	103148	19.348	ug/l	99
3) Chloromethane	1.32	50	110088	19.951	ug/l	97
4) Vinyl Chloride	1.40	62	127087	20.669	ug/l	99
5) Bromomethane	1.63	94	73307	17.986	ug/l	100
6) Chloroethane	1.72	64	68501	19.663	ug/l	99
7) Trichlorofluoromethane	1.92	101	136133	19.517	ug/l	97
8) Diethyl Ether	2.18	74	60928	19.147	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	83542	19.687	ug/l	98
10) Methyl Iodide	2.50	142	94089	18.517	ug/l	99
11) Tert butyl alcohol	3.02	59	101899	100.989	ug/l	100
12) 1,1-Dichloroethene	2.36	96	79298	18.548	ug/l	98
13) Acrolein	2.28	56	59036	72.997	ug/l	97
14) Allyl chloride	2.72	41	146553	19.524	ug/l	98
15) Acrylonitrile	3.12	53	257040	105.549	ug/l	97
16) Acetone	2.43	43	240408	96.656	ug/l	98
17) Carbon Disulfide	2.56	76	205122	17.195	ug/l	99
18) Methyl Acetate	2.76	43	154727	22.277	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	279191	20.342	ug/l	99
20) Methylene Chloride	2.84	84	96521	19.854	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	87532	18.753	ug/l	98
22) Diisopropyl ether	3.84	45	308371	21.258	ug/l	92
23) Vinyl Acetate	3.80	43	1186840	105.678	ug/l	99
24) 1,1-Dichloroethane	3.69	63	163444	20.712	ug/l	99
25) 2-Butanone	4.65	43	365139	101.154	ug/l	97
26) 2,2-Dichloropropane	4.57	77	129467	19.368	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	100853	19.329	ug/l	98
28) Bromochloromethane	5.00	49	71249	21.428	ug/l	91
29) Tetrahydrofuran	5.11	42	228519	107.074	ug/l	97
30) Chloroform	5.19	83	158856	20.601	ug/l	98
31) Cyclohexane	5.56	56	145553	19.706	ug/l	95
32) 1,1,1-Trichloroethane	5.48	97	131414	19.910	ug/l	98
36) 1,1-Dichloropropene	5.78	75	117313	19.307	ug/l	99
37) Ethyl Acetate	4.81	43	136370	20.662	ug/l	98
38) Carbon Tetrachloride	5.77	117	112032	20.036	ug/l	99

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Manual Integrations
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Quant Time: Jan 21 00:43:36 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)
39) Methylcyclohexane	7.45	83	144997	18.994	ug/l	96
40) Benzene	6.13	78	363737	20.170	ug/l	100
41) Methacrylonitrile	5.02	41	73303	20.827	ug/l	98
42) 1,2-Dichloroethane	6.18	62	130803	20.745	ug/l	99
43) Isopropyl Acetate	6.43	43	218719	20.514	ug/l	99
44) Trichloroethene	7.20	130	100769	19.444	ug/l	99
45) 1,2-Dichloropropane	7.50	63	94283	20.506	ug/l	99
46) Dibromomethane	7.65	93	61385	19.129	ug/l	98
47) Bromodichloromethane	7.89	83	120719	20.674	ug/l	99
48) Methyl methacrylate	7.76	41	106628	20.881	ug/l	97
49) 1,4-Dioxane	7.73	88	44765	413.724	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	700177	107.769	ug/l	99
52) Toluene	8.78	92	227948	19.746	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	130031	19.127	ug/l	95
54) cis-1,3-Dichloropropene	8.43	75	146509	19.951	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	95680	20.634	ug/l	100
56) Ethyl methacrylate	9.17	69	141626	19.936	ug/l	98
57) 1,3-Dichloropropane	9.36	76	159528	20.576	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	250323	103.568	ug/l	99
59) 2-Hexanone	9.48	43	533620	103.803	ug/l	98
60) Dibromochloromethane	9.57	129	95801	20.555	ug/l	99
61) 1,2-Dibromoethane	9.67	107	98020	19.956	ug/l	99
64) Tetrachloroethene	9.33	164	104080	17.846	ug/l	97
65) Chlorobenzene	10.13	112	244569	19.366	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	90534	20.088	ug/l	99
67) Ethyl Benzene	10.25	91	428982	19.930	ug/l	97
68) m/p-Xylenes	10.36	106	327606	39.451	ug/l	97
69) o-Xylene	10.70	106	158285	19.977	ug/l	98
70) Styrene	10.71	104	263882	19.299	ug/l	98
71) Bromoform	10.85	173	71859	19.488	ug/l #	99
73) Isopropylbenzene	11.01	105	422090	20.478	ug/l	100
74) N-amyl acetate	10.89	43	183779	20.210	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	139203	21.060	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	117971m	19.426	ug/l	
77) Bromobenzene	11.25	156	107997	18.894	ug/l	97
78) n-propylbenzene	11.35	91	475627	20.149	ug/l	99
79) 2-Chlorotoluene	11.42	91	285164	20.270	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	349562	20.428	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	44792	19.500	ug/l	91
82) 4-Chlorotoluene	11.51	91	331113	20.051	ug/l	98
83) tert-Butylbenzene	11.76	119	333322	20.615	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	353980	20.472	ug/l	100
85) sec-Butylbenzene	11.94	105	407405	20.269	ug/l	99
86) p-Isopropyltoluene	12.06	119	373625	20.031	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	194416	18.952	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	195089	19.890	ug/l	98
89) n-Butylbenzene	12.39	91	320662	18.803	ug/l	99
90) Hexachloroethane	12.59	117	63833	19.483	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	192015	19.105	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	28158	18.938	ug/l	98

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ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0120WBS01

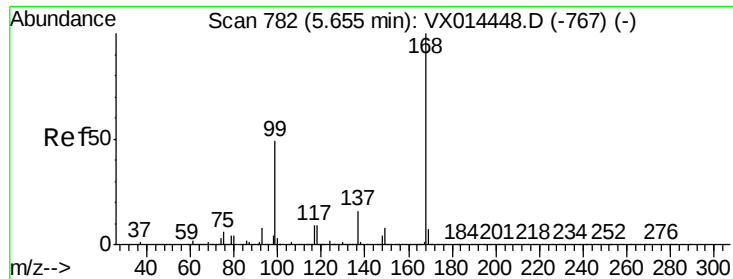
Manual Integrations
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1/21/2020 2:14:49 PM

Quant Time: Jan 21 00:43:36 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)
93) 1,2,4-Trichlorobenzene	13.64	180	128008	18.076	ug/l	99
94) Hexachlorobutadiene	13.78	225	64736	19.632	ug/l	98
95) Naphthalene	13.83	128	380789	17.392	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	132877	19.027	ug/l	99

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



#1

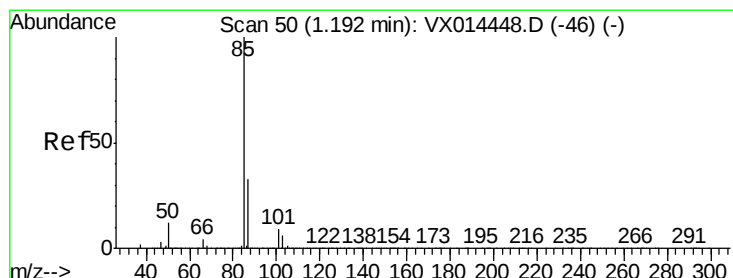
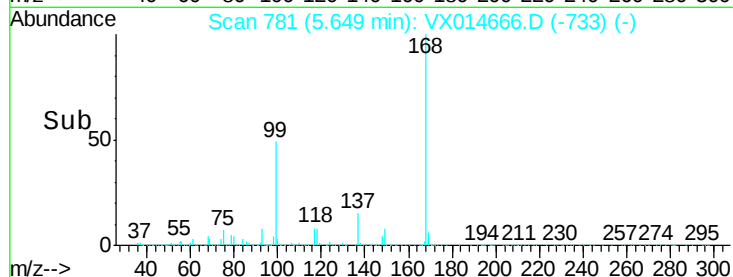
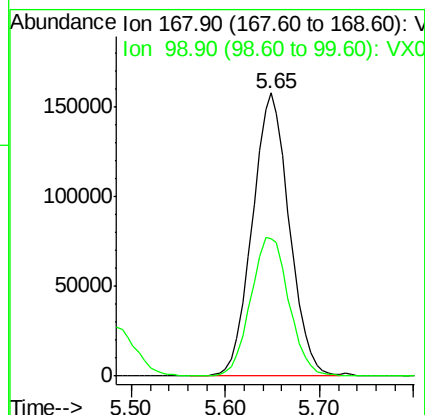
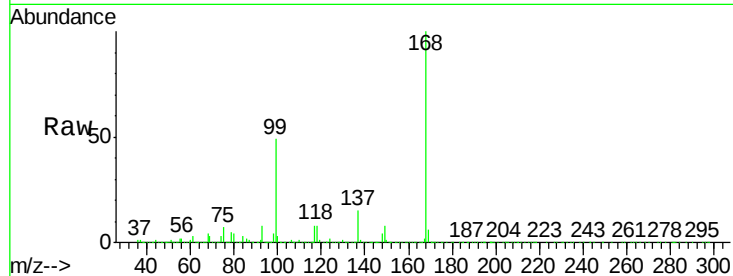
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: VX014666.D
 Acq: 20 Jan 2020 11:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0120WBS01

Tot Ion	Ratio	Lower	Upper
168	100		
99	48.4	39.2	58.8

Manual Integrations
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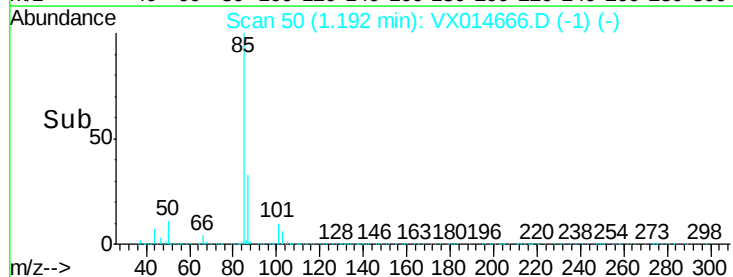
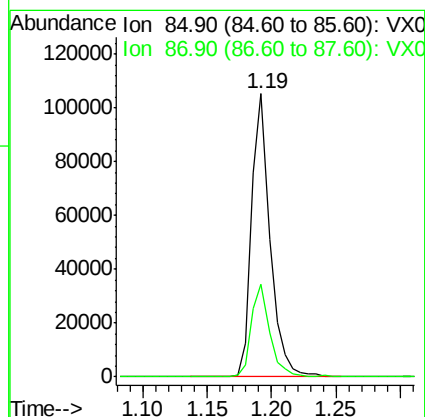
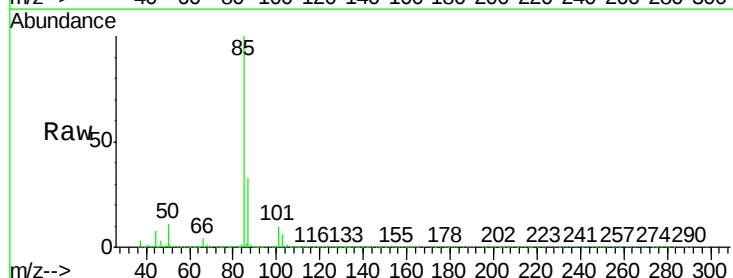
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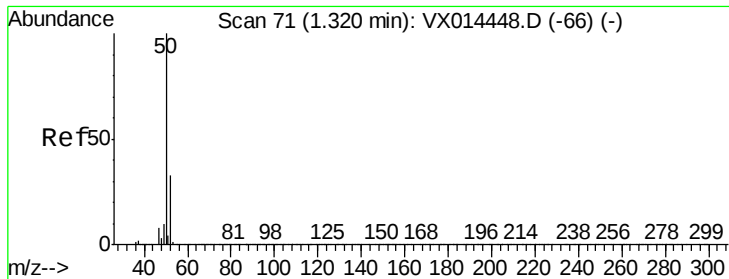


#2

Dichlorodifluoromethane
 Concen: 19.348 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.00 min
 Lab File: VX014666.D
 Acq: 20 Jan 2020 11:09

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.5	16.5	49.5





#3

Chloromethane

Concen: 19.951 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014666.D

Acq: 20 Jan 2020 11:09

Instrument :

MSVOA_X

ClientSampleId :

VX0120WBS01

Tot Ion: 50 Resp: 110088

Ion Ratio Lower Upper

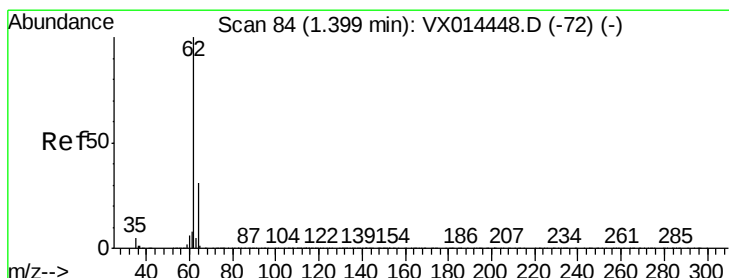
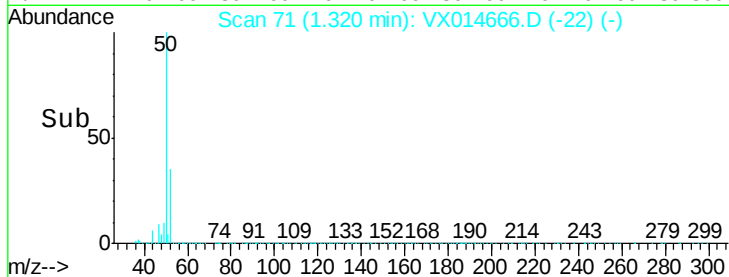
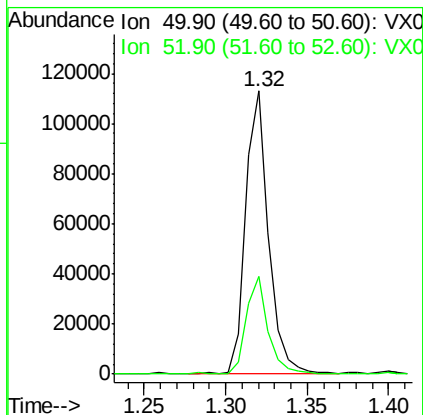
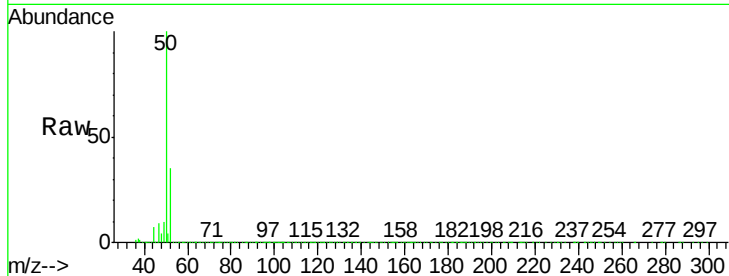
50 100

52 34.4 26.1 39.1

Manual Integrations
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#4

Vinyl Chloride

Concen: 20.669 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014666.D

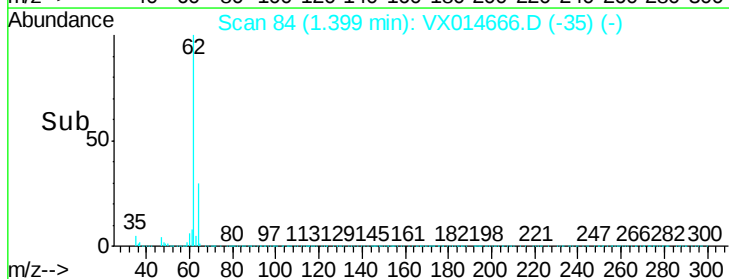
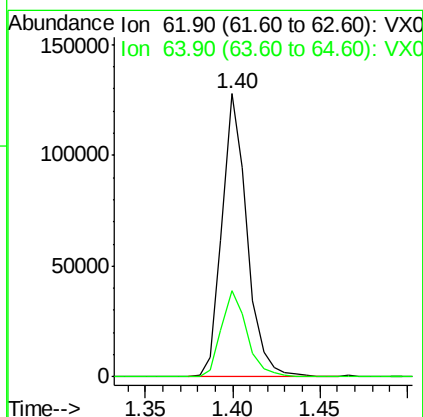
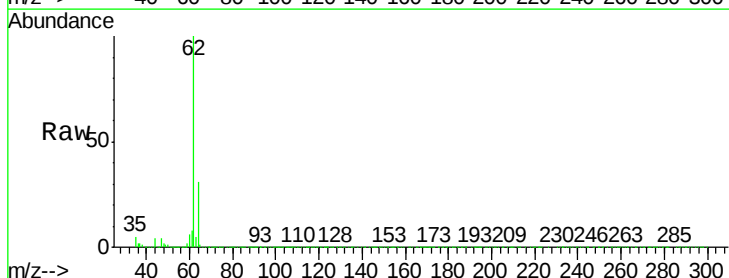
Acq: 20 Jan 2020 11:09

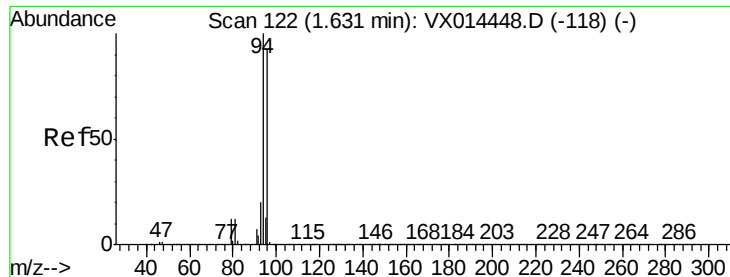
Tgt Ion: 62 Resp: 127087

Ion Ratio Lower Upper

62 100

64 30.4 24.6 37.0





#5

Bromomethane

Concen: 17.986 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014666.D

Acq: 20 Jan 2020 11:09

Instrument :

MSVOA_X

ClientSampled :

VX0120WBS01

Tot Ion: 94 Resp: 73307

Ion Ratio Lower Upper

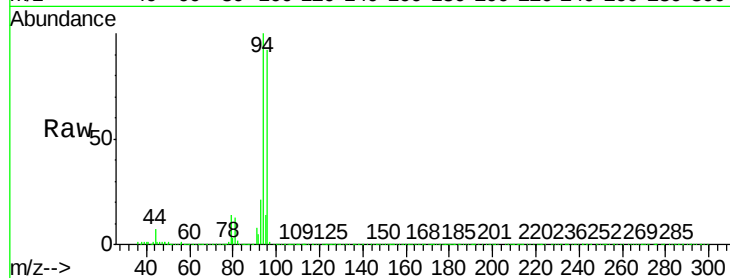
94 100

96 92.4 74.2 111.2

Manual Integrations
APPROVED

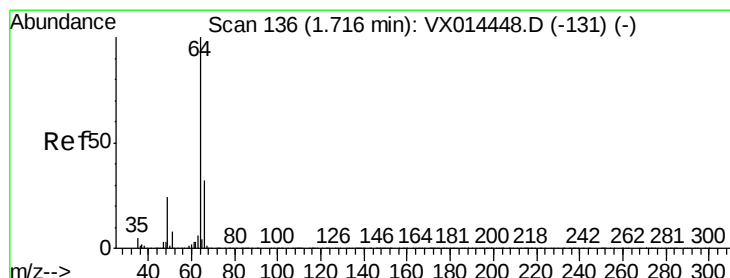
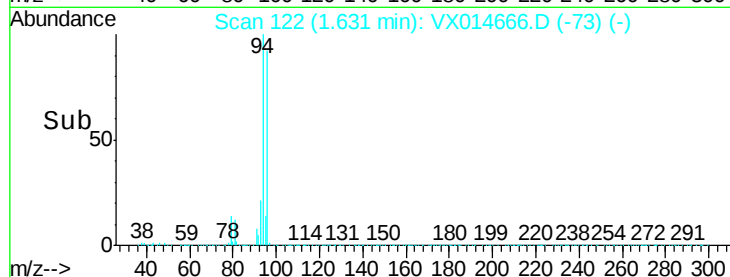
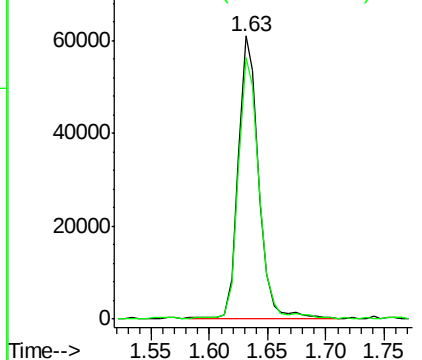
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.663 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014666.D

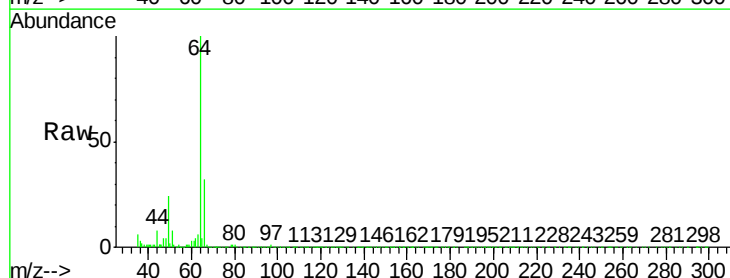
Acq: 20 Jan 2020 11:09

Tgt Ion: 64 Resp: 68501

Ion Ratio Lower Upper

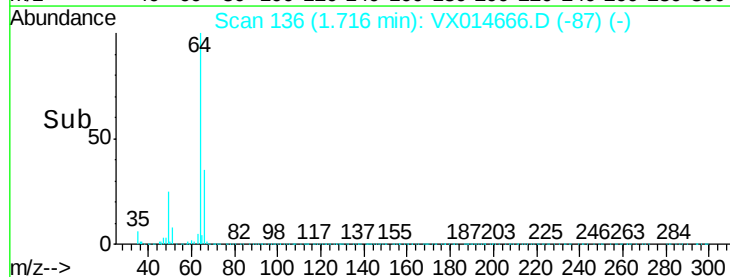
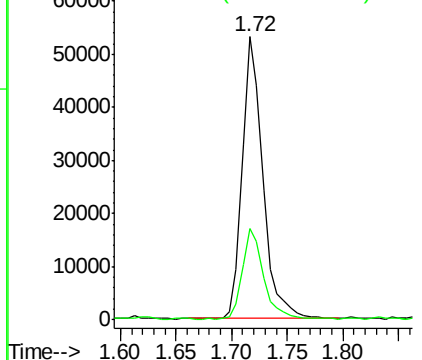
64 100

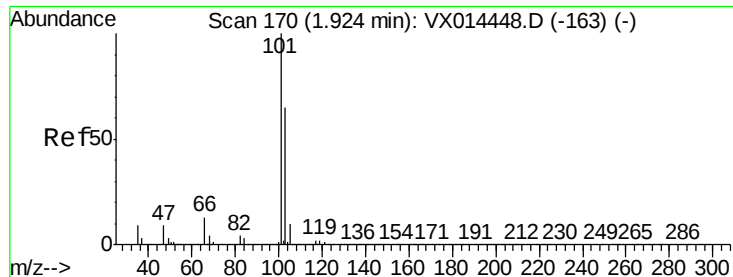
66 32.3 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

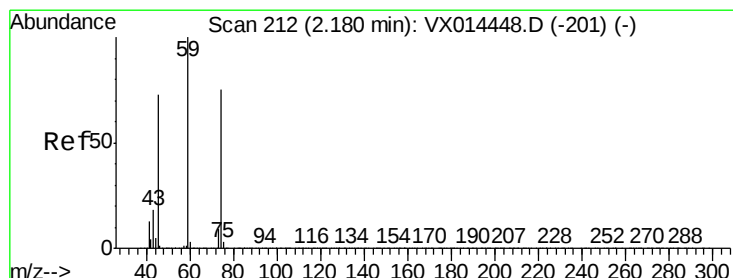
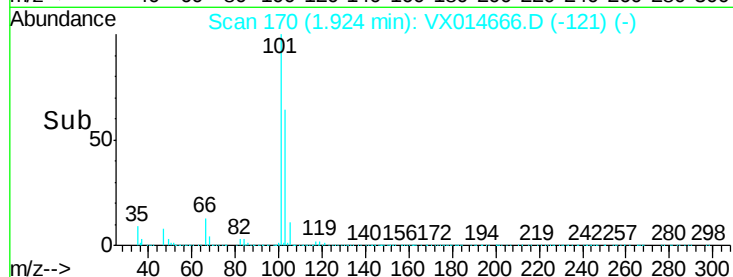
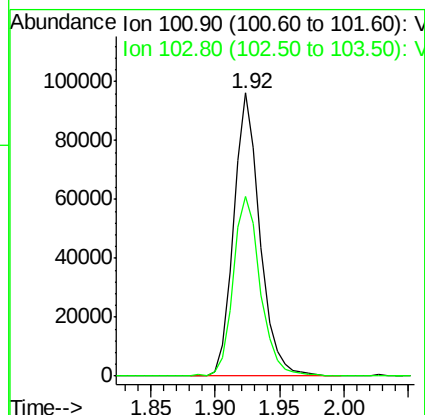
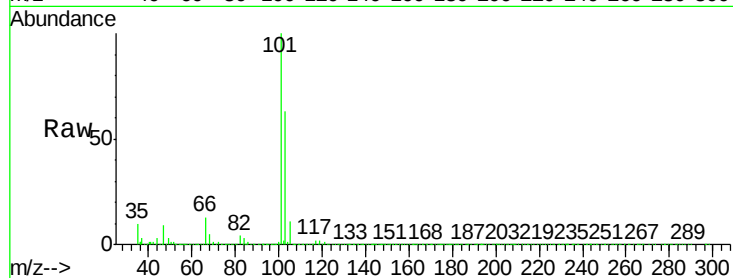
Trichlorofluoromethane
Concen: 19.517 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014666.D
Acq: 20 Jan 2020 11:09

Instrument :
MSVOA_X
ClientSampled :
VX0120WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.2	52.2	78.4

Manual Integrations
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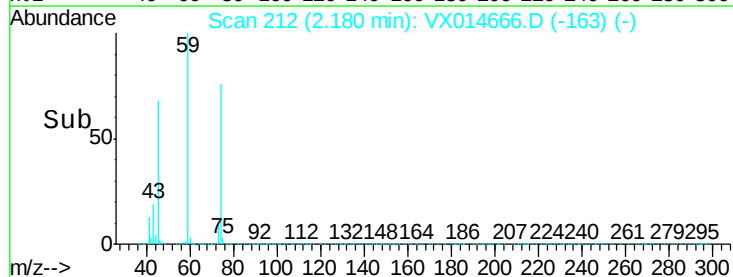
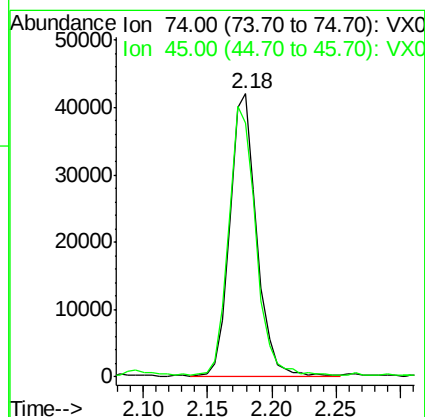
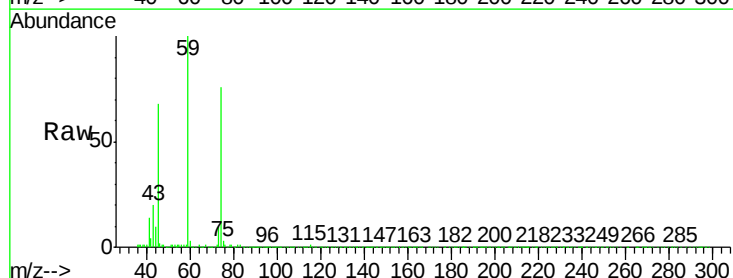
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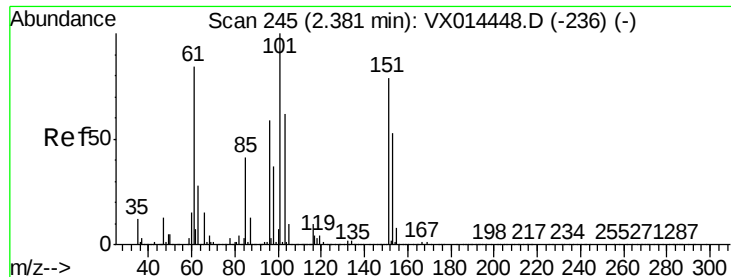


#8

Diethyl Ether
Concen: 19.147 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014666.D
Acq: 20 Jan 2020 11:09

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.7	48.7	146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.687 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX014666.D

Acq: 20 Jan 2020 11:09

Instrument :

MSVOA_X

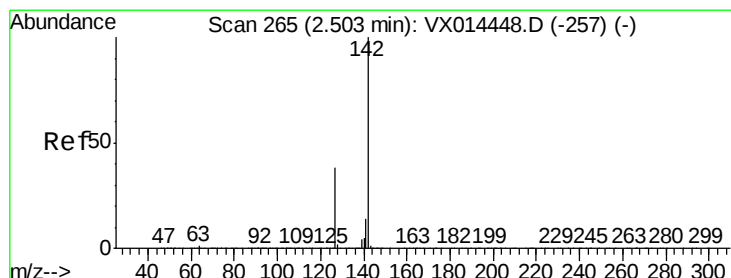
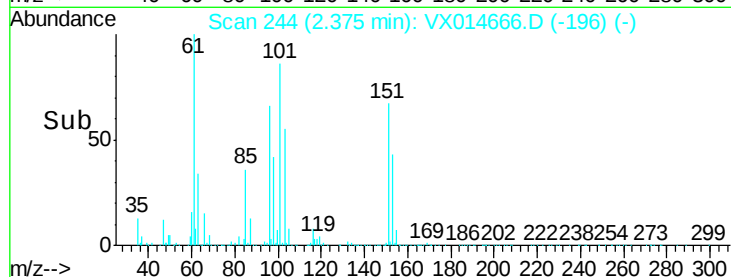
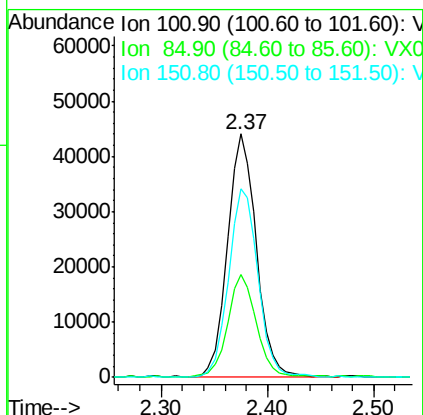
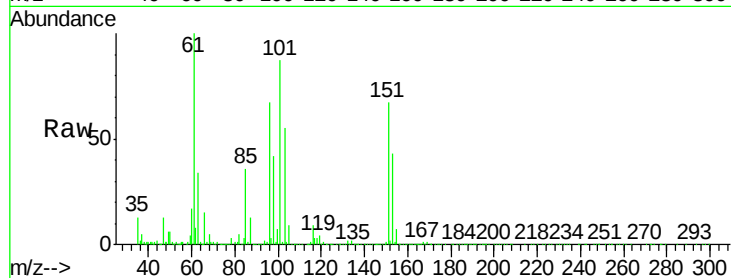
ClientSampleId :

VX0120WBS01

Tot Ion:	101	Resp:	83542
Ion Ratio	Lower	Upper	
101	100		
85	41.6	33.8	50.8
151	78.9	65.3	97.9

Manual Integrations
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#10

Methyl Iodide

Concen: 18.517 ug/l

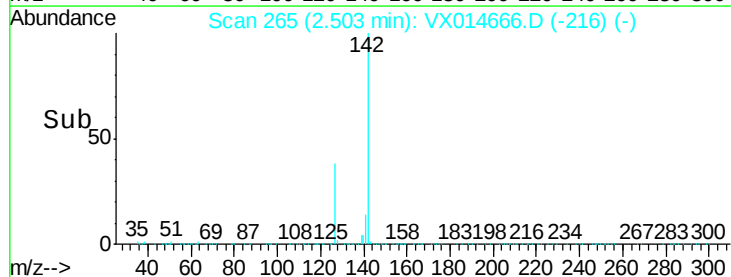
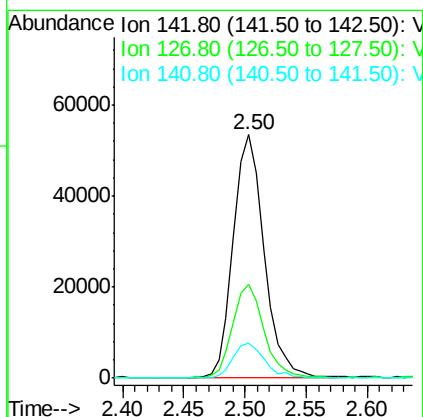
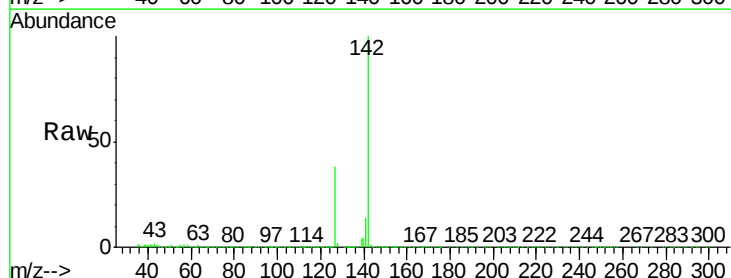
RT: 2.50 min Scan# 265

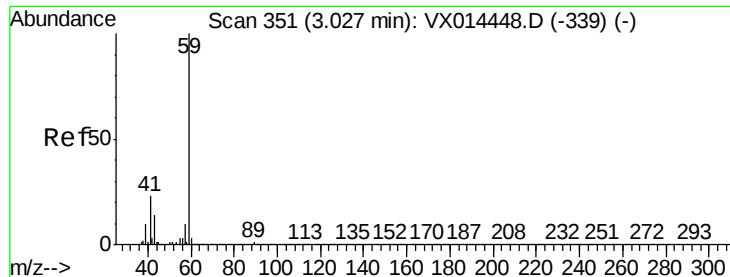
Delta R.T. 0.00 min

Lab File: VX014666.D

Acq: 20 Jan 2020 11:09

Tgt Ion:	142	Resp:	94089
Ion Ratio	Lower	Upper	
142	100		
127	39.5	31.2	46.8
141	14.8	11.4	17.2





#11

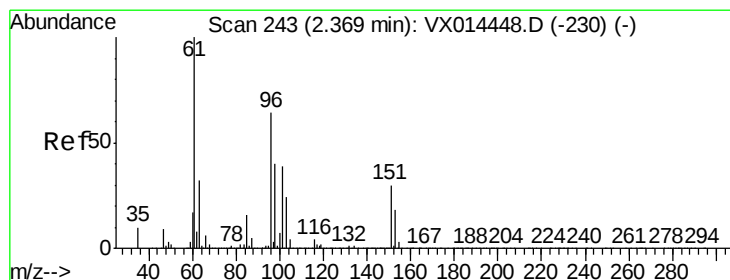
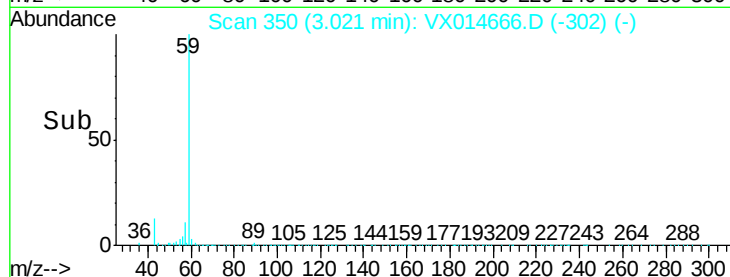
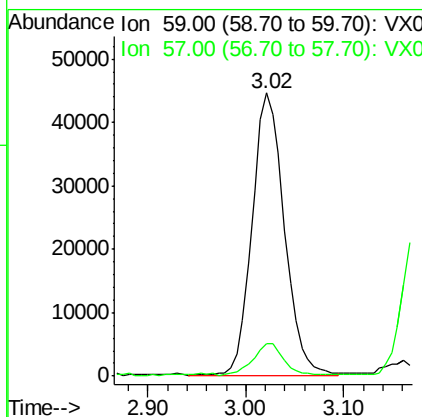
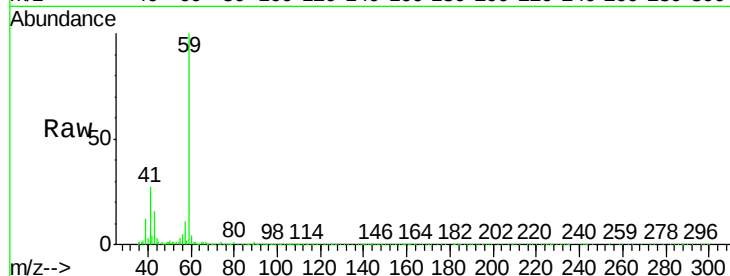
Tert butyl alcohol
Concen: 100.989 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX014666.D
Acq: 20 Jan 2020 11:09

Instrument :
MSVOA_X
ClientSampleId :
VX0120WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.5	12.7

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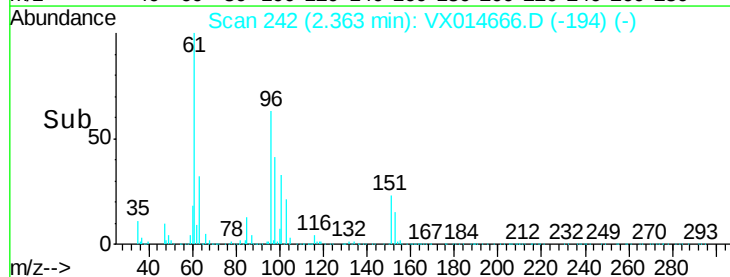
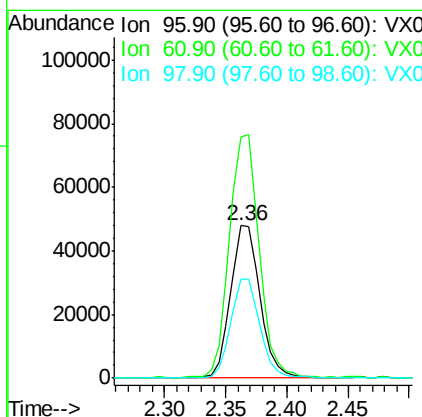
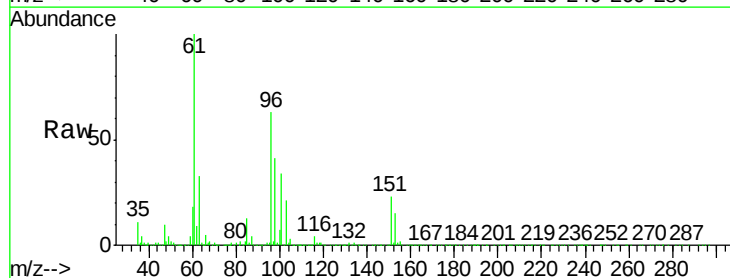
MMDadoda
1/21/2020 2:14:49 PM

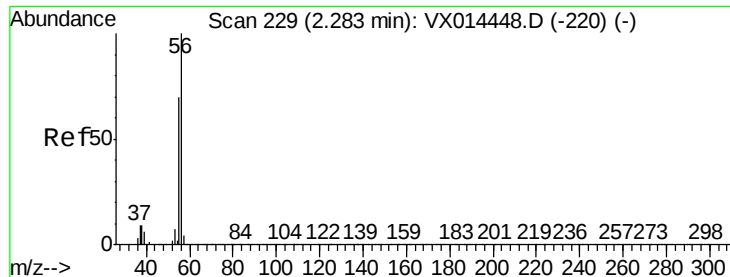


#12

1,1-Dichloroethene
Concen: 18.548 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.01 min
Lab File: VX014666.D
Acq: 20 Jan 2020 11:09

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.3	125.0	187.6
98	65.2	50.2	75.2





#13

Acrolein

Concen: 72.997 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014666.D

Acq: 20 Jan 2020 11:09

Instrument :

MSVOA_X

ClientSampleId :

VX0120WBS01

Tot Ion: 56 Resp: 59036

Ion Ratio Lower Upper

56 100

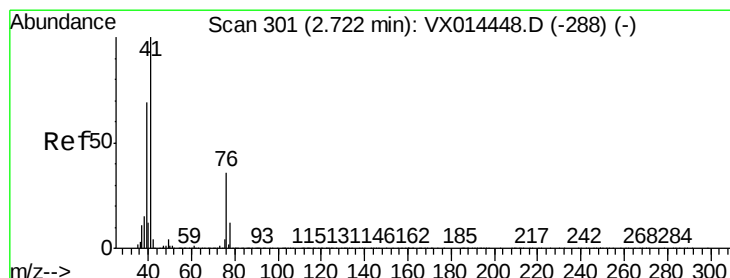
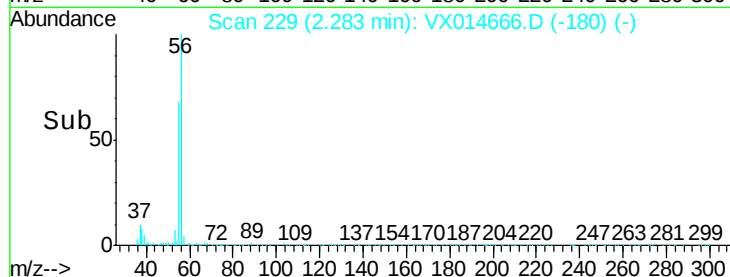
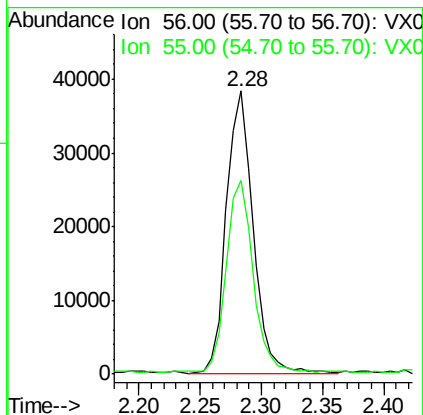
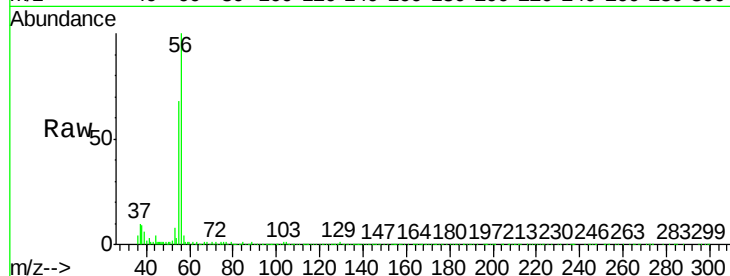
55 66.4 55.0 82.6

Manual Integrations

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#14

Allyl chloride

Concen: 19.524 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX014666.D

Acq: 20 Jan 2020 11:09

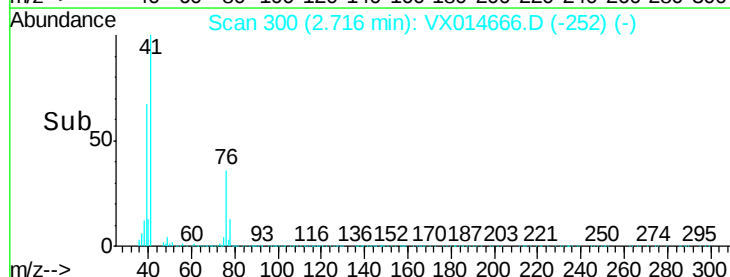
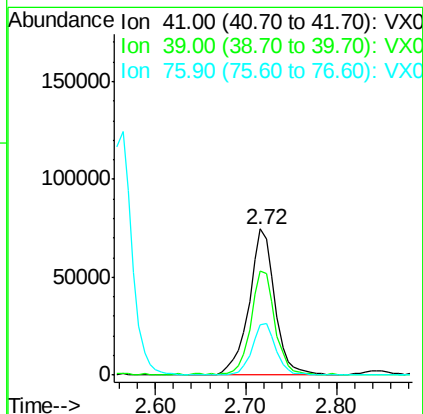
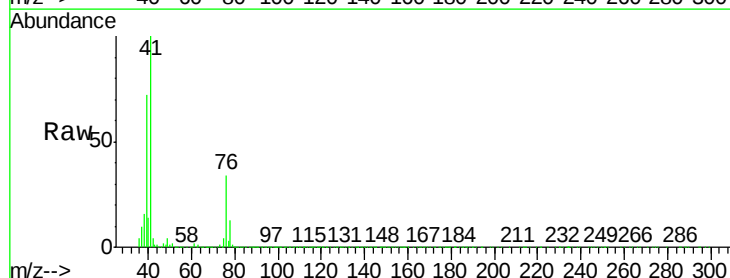
Tgt Ion: 41 Resp: 146553

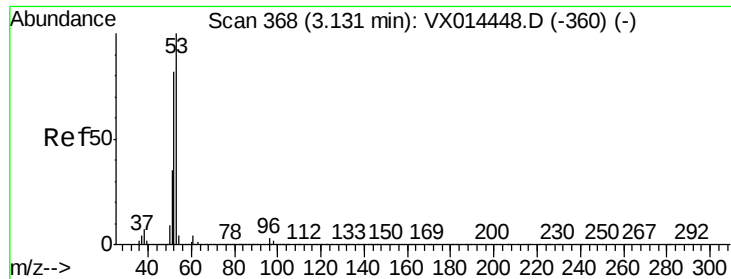
Ion Ratio Lower Upper

41 100

39 65.9 51.7 77.5

76 32.2 26.8 40.2





#15

Acrylonitrile

Concen: 105.549 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014666.D

Acq: 20 Jan 2020 11:09

Instrument :

MSVOA_X

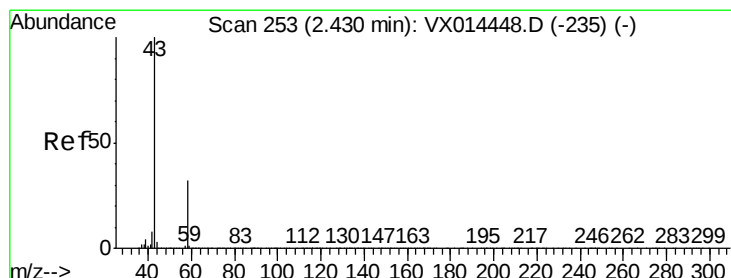
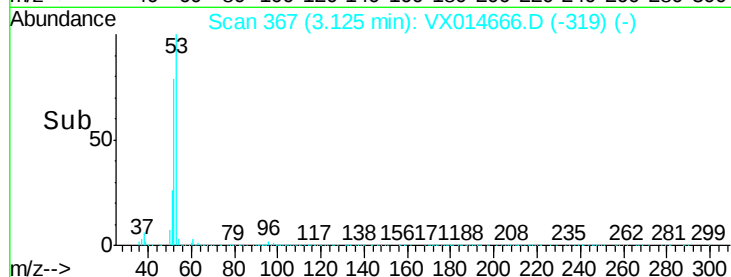
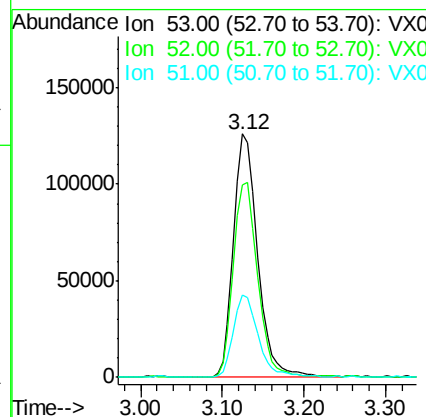
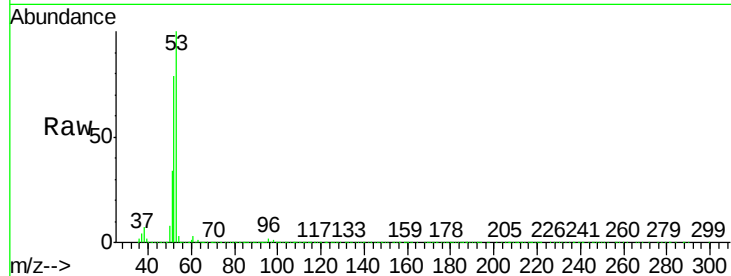
ClientSampleId :

VX0120WBS01

Tot Ion:	53	Resp:	257040
Ion Ratio	Lower	Upper	
53	100		
52	80.7	67.0	100.4
51	35.0	28.5	42.7

Manual Integrations
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#16

Acetone

Concen: 96.656 ug/l

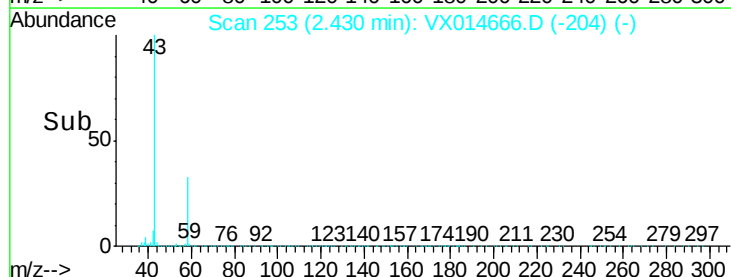
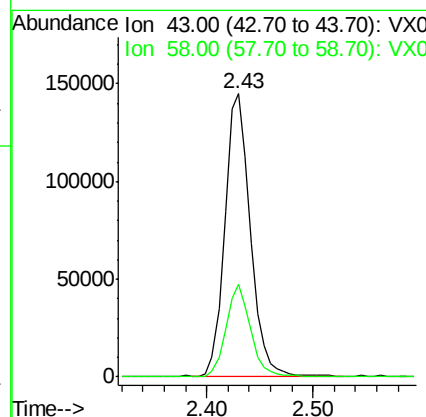
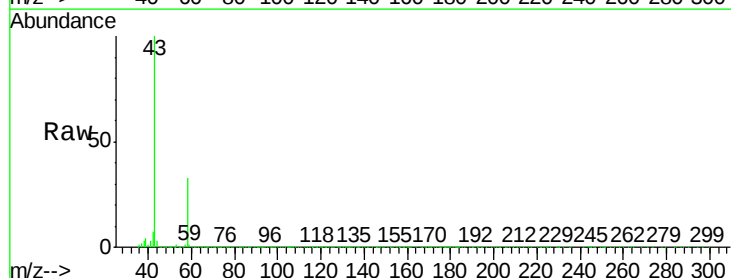
RT: 2.43 min Scan# 253

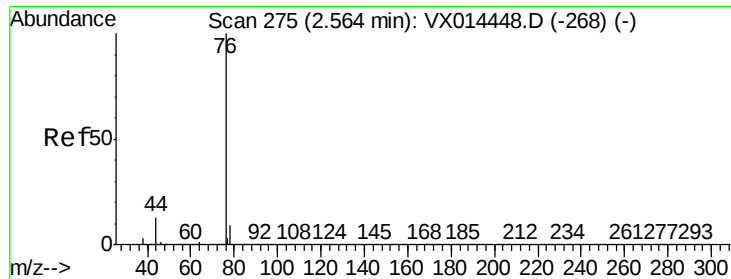
Delta R.T. 0.00 min

Lab File: VX014666.D

Acq: 20 Jan 2020 11:09

Tgt Ion:	43	Resp:	240408
Ion Ratio	Lower	Upper	
43	100		
58	32.9	25.4	38.0





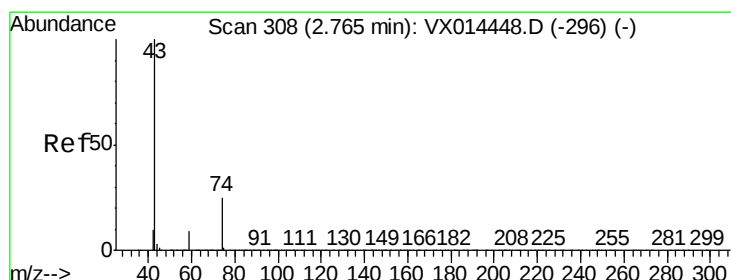
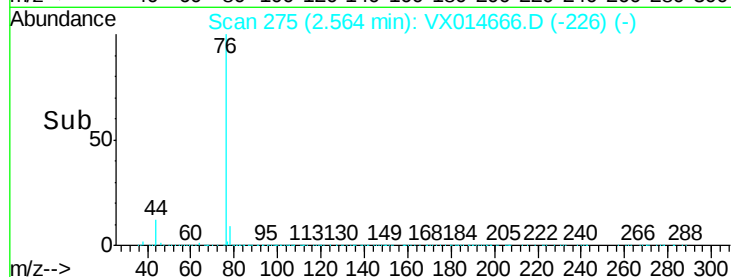
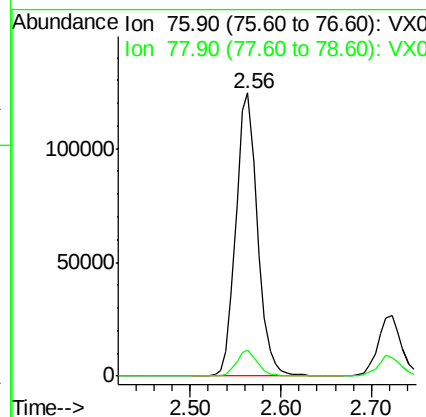
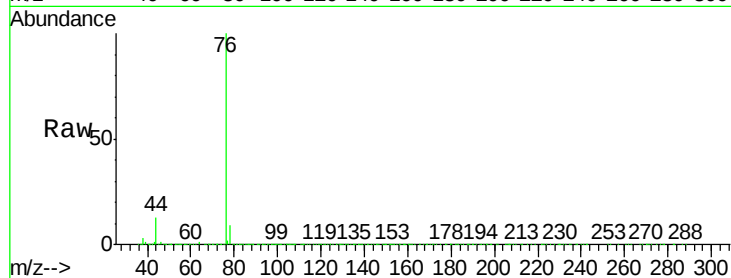
#17
Carbon Disulfide
Concen: 17.195 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.00 min
Lab File: VX014666.D
Acq: 20 Jan 2020 11:09

Instrument :
MSVOA_X
ClientSampleId :
VX0120WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.4	11.2

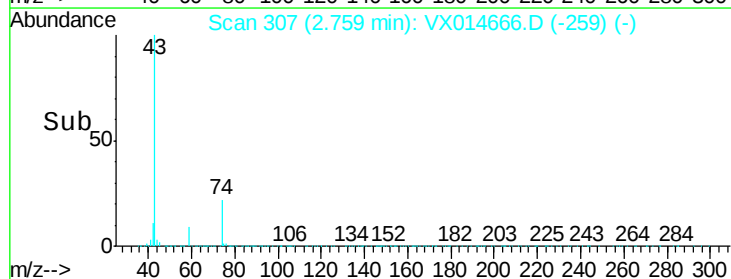
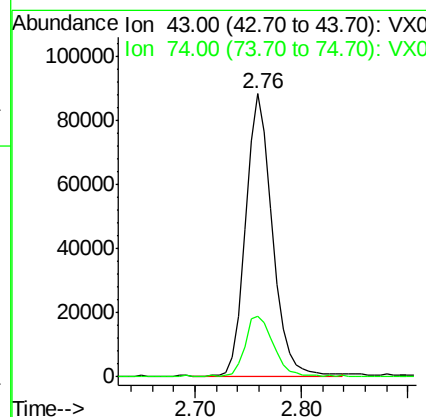
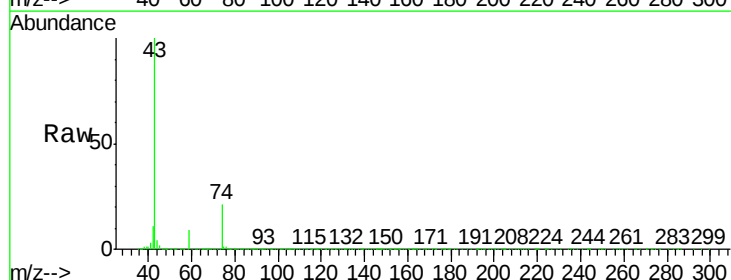
Manual Integrations
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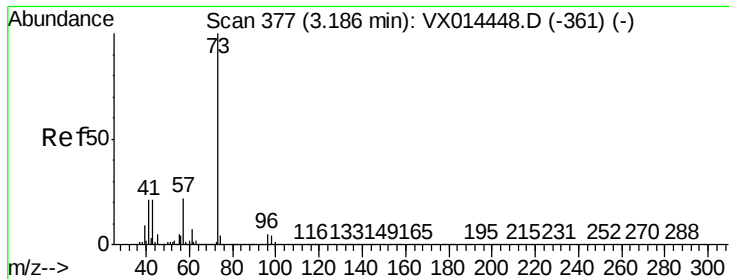
MMDadoda
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#18
Methyl Acetate
Concen: 22.277 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014666.D
Acq: 20 Jan 2020 11:09

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.1	19.4	29.2





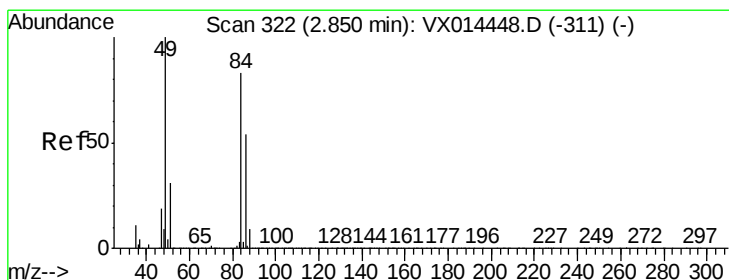
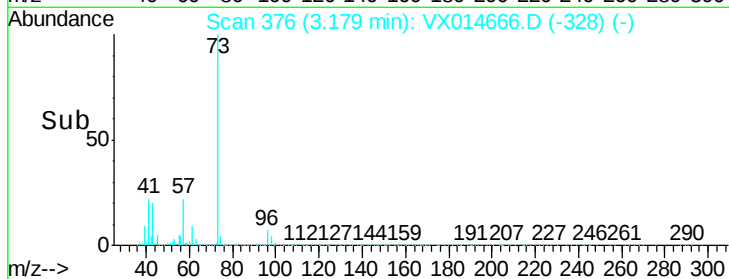
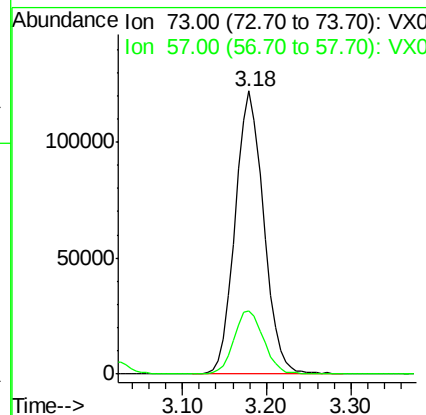
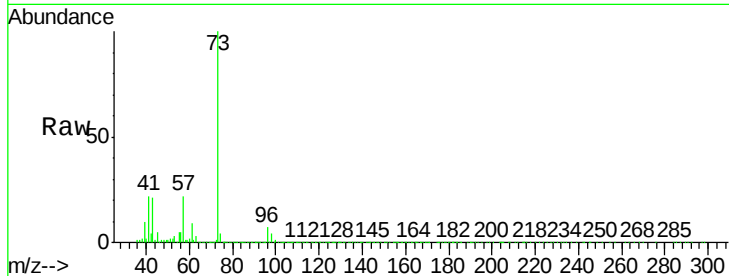
#19
Methvl tert-butvl Ether
Concen: 20.342 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014666.D
Acq: 20 Jan 2020 11:09

Instrument :
MSVOA_X
ClientSampleId :
VX0120WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.9	17.8	26.8

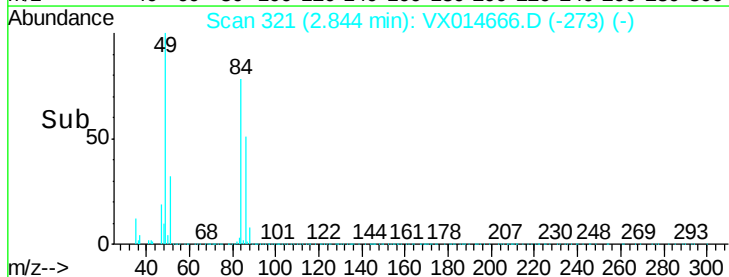
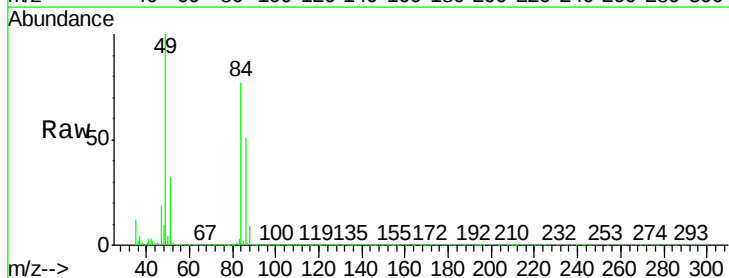
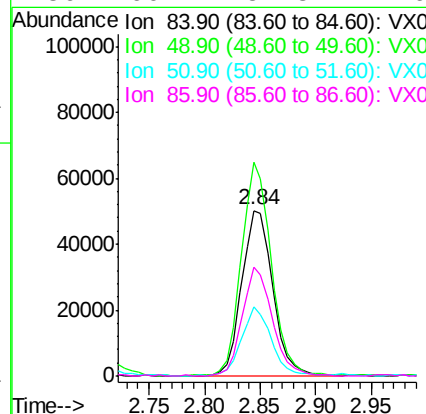
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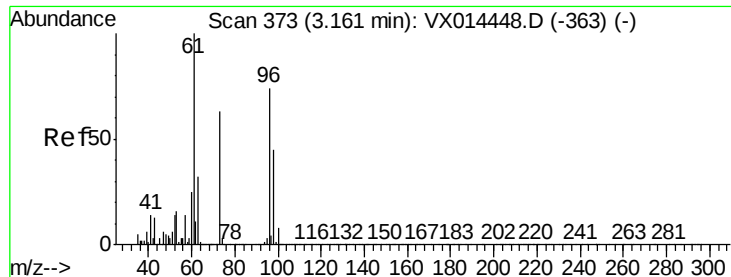
MMDadoda
1/21/2020 2:14:49 PM



#20
Methylene Chloride
Concen: 19.854 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014666.D
Acq: 20 Jan 2020 11:09

Tgt Ion	Ratio	Lower	Upper
84	100		
49	129.0	95.8	143.8
51	41.5	30.2	45.4
86	66.1	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 18.753 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014666.D

Acq: 20 Jan 2020 11:09

Instrument :

MSVOA_X

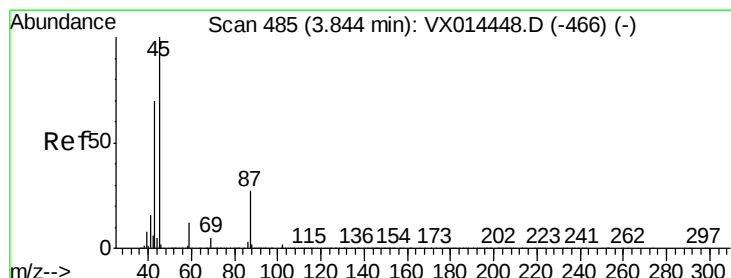
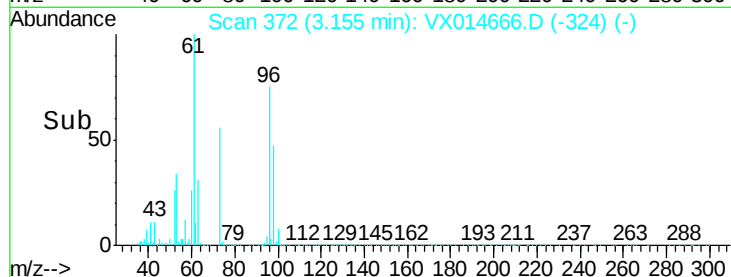
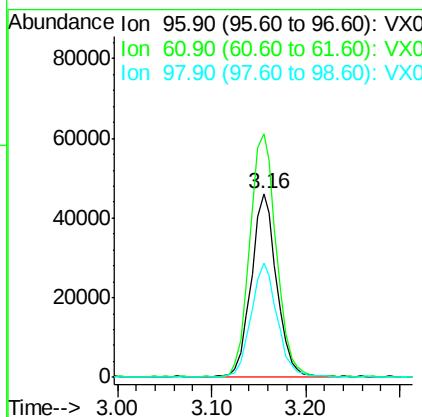
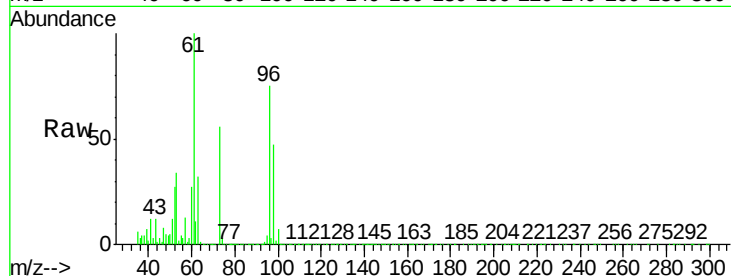
ClientSampleId :

VX0120WBS01

Tot Ion:	96	Resp:	87532
Ion	Ratio	Lower	Upper
96	100		
61	132.8	108.2	162.4
98	61.8	48.8	73.2

Manual Integrations
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1/21/2020 2:14:49 PM



#22

Diisopropyl ether

Concen: 21.258 ug/l

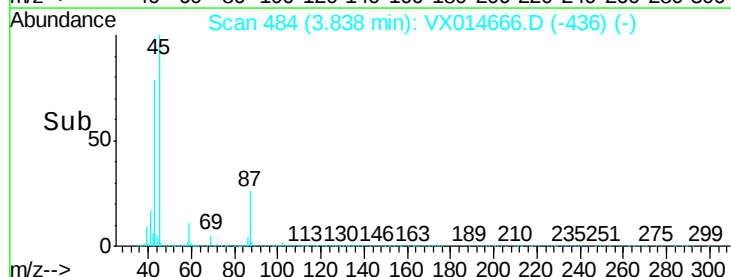
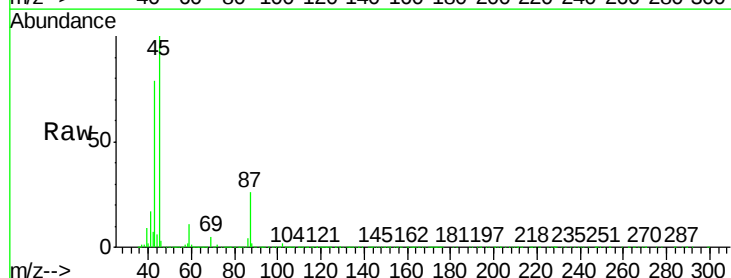
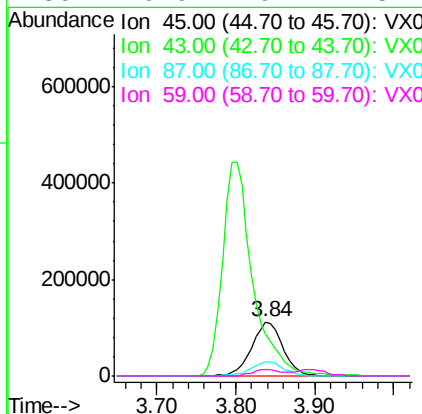
RT: 3.84 min Scan# 484

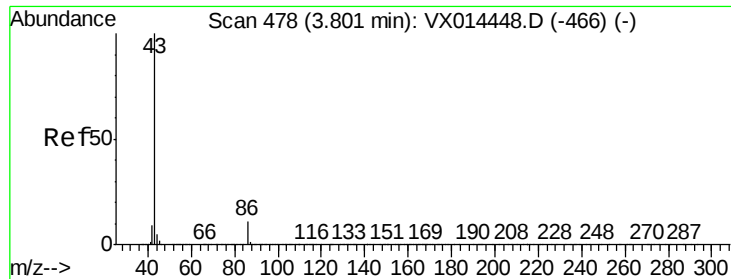
Delta R.T. -0.01 min

Lab File: VX014666.D

Acq: 20 Jan 2020 11:09

Tgt Ion:	45	Resp:	308371
Ion	Ratio	Lower	Upper
45	100		
43	79.1	55.8	83.6
87	26.0	21.8	32.8
59	10.9	9.1	13.7





#23

Vinyl Acetate

Concen: 105.678 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014666.D

Acq: 20 Jan 2020 11:09

Instrument :

MSVOA_X

ClientSampled :

VX0120WBS01

Tot Ion: 43 Resp: 1186840

Ion Ratio Lower Upper

43 100

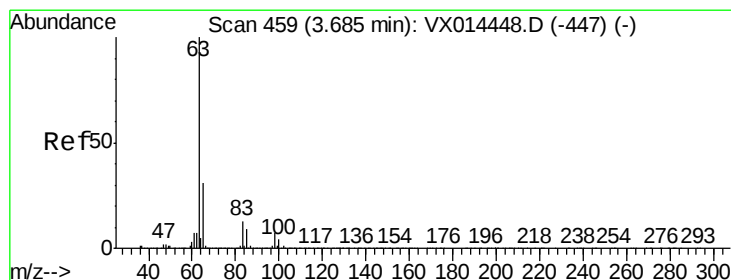
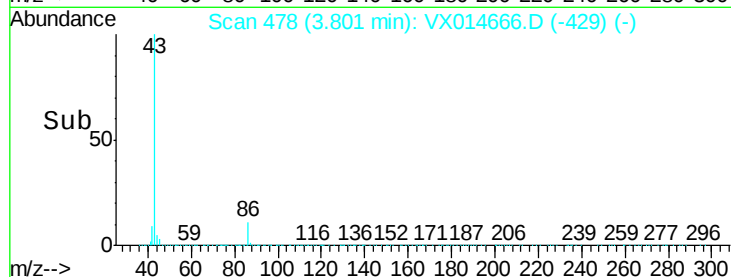
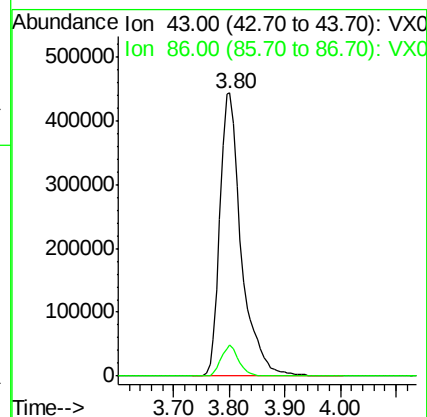
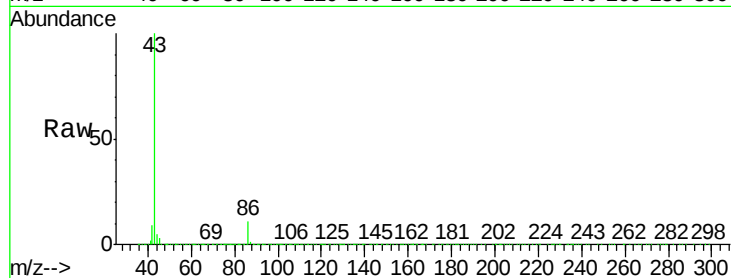
86 10.8 8.4 12.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 20.712 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014666.D

Acq: 20 Jan 2020 11:09

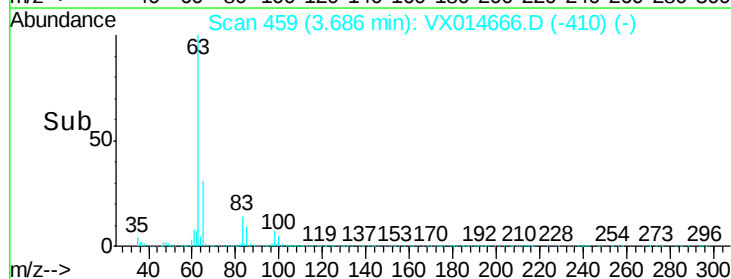
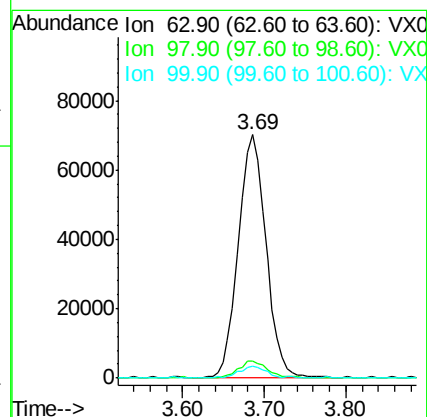
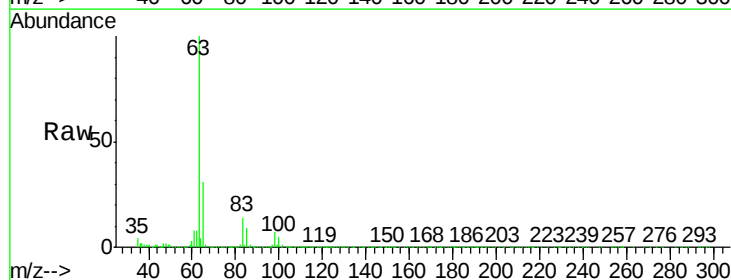
Tgt Ion: 63 Resp: 163444

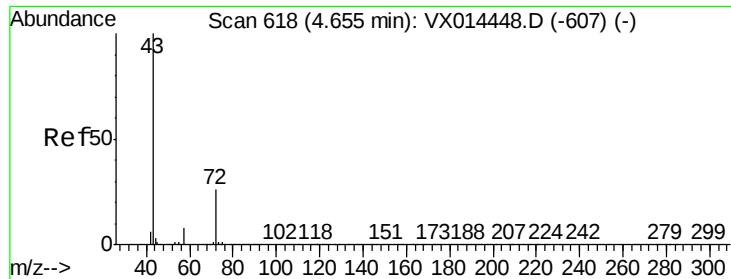
Ion Ratio Lower Upper

63 100

98 6.7 3.6 10.9

100 4.6 2.3 6.8





#25

2-Butanone

Concen: 101.154 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX014666.D

Acq: 20 Jan 2020 11:09

Instrument :

MSVOA_X

ClientSampleId :

VX0120WBS01

Tot Ion: 43 Resp: 365139

Ion Ratio Lower Upper

43 100

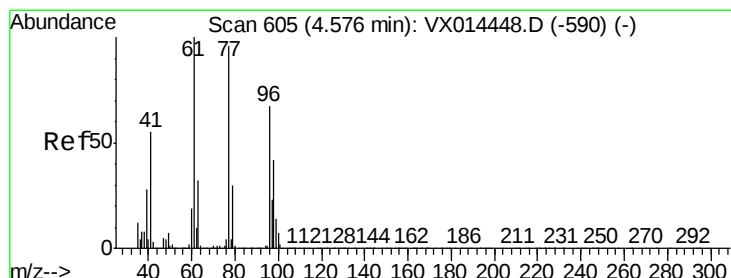
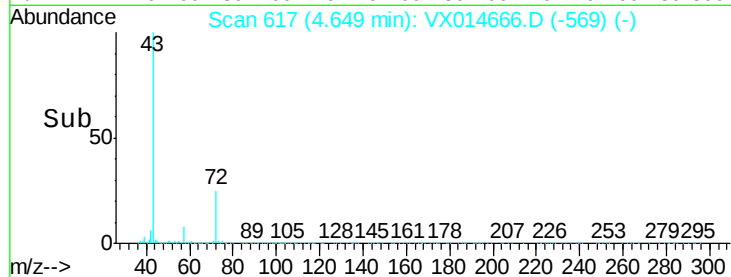
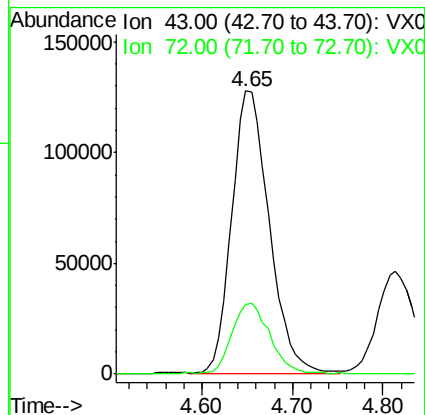
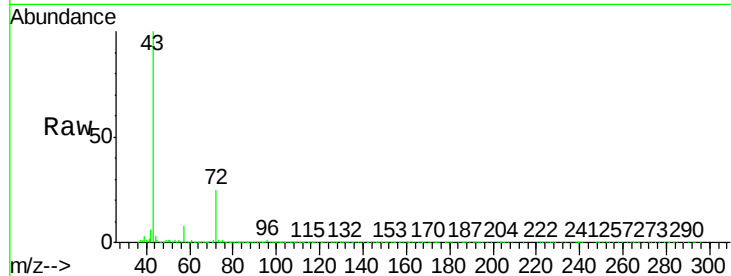
72 24.3 20.6 31.0

Manual Integrations

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1/21/2020 2:14:49 PM



#26

2,2-Dichloropropane

Concen: 19.368 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014666.D

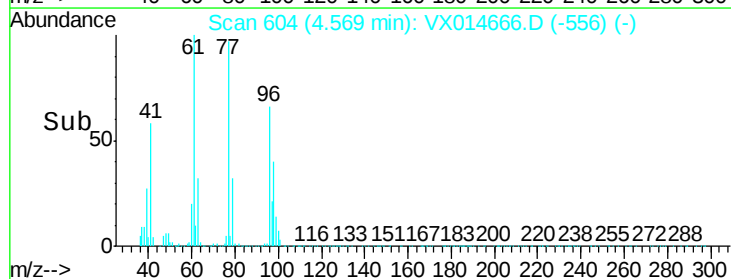
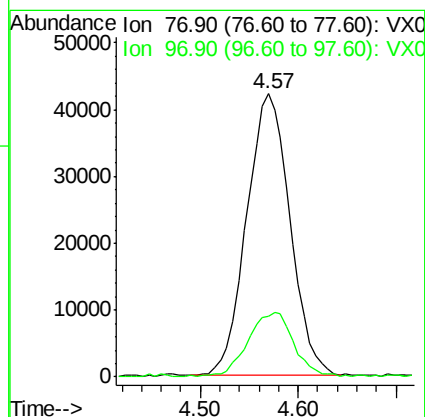
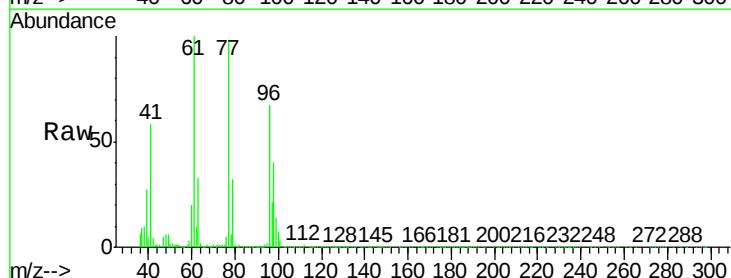
Acq: 20 Jan 2020 11:09

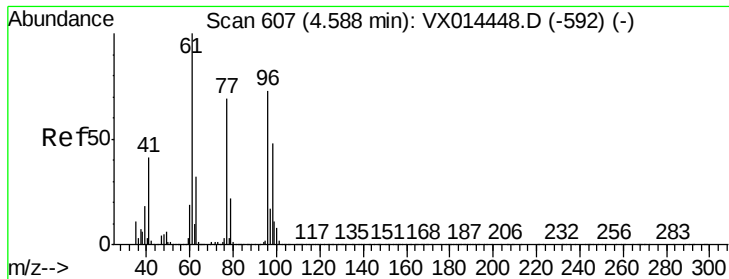
Tgt Ion: 77 Resp: 129467

Ion Ratio Lower Upper

77 100

97 24.4 11.7 35.1





#27

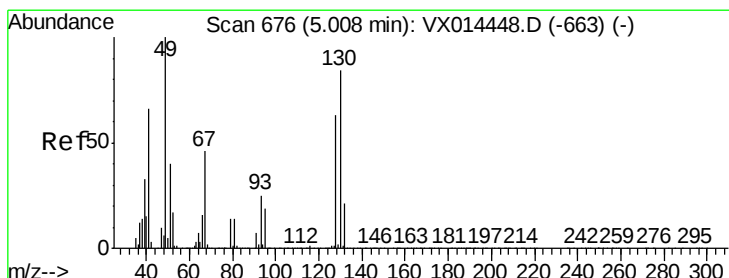
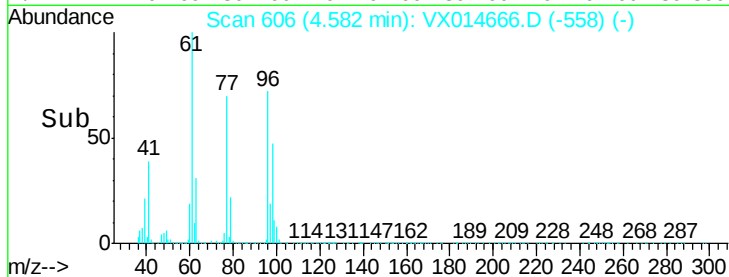
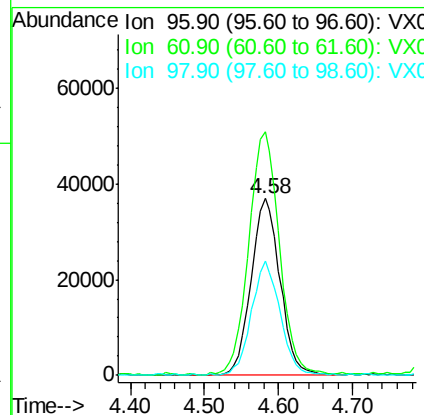
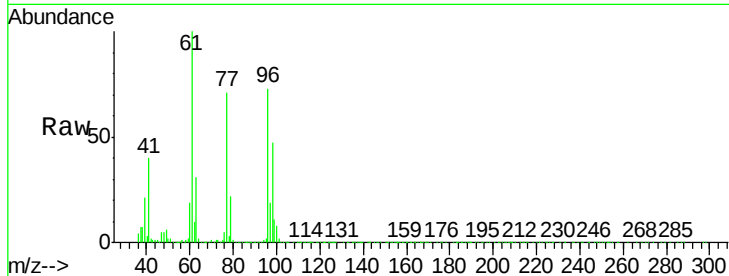
cis-1,2-Dichloroethene
Concen: 19.329 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014666.D
Acq: 20 Jan 2020 11:09

Instrument :
MSVOA_X
ClientSampleId :
VX0120WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	100853		
61	144.9	0.0	285.4	
98	64.2	0.0	130.6	

Manual Integrations
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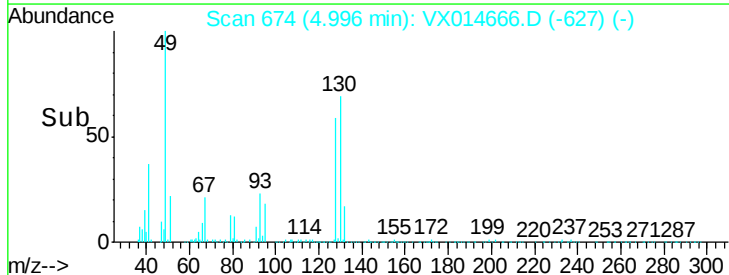
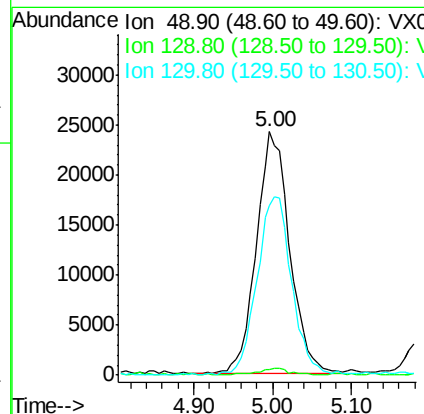
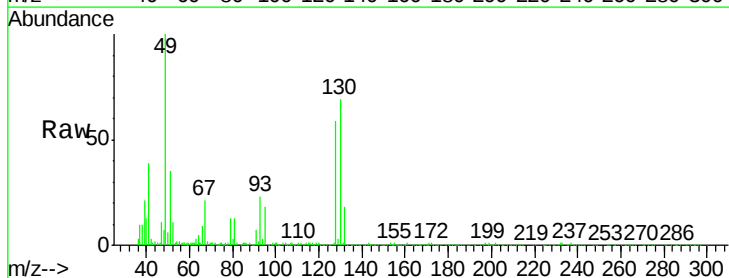
MMDadoda
1/21/2020 2:14:49 PM

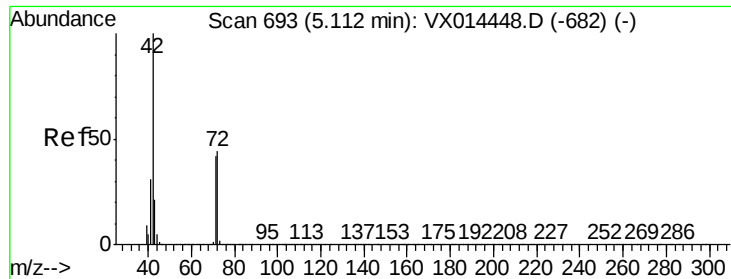


#28

Bromochloromethane
Concen: 21.428 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX014666.D
Acq: 20 Jan 2020 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	71249		
129	2.7	0.0	4.4	
130	75.8	67.0	100.4	





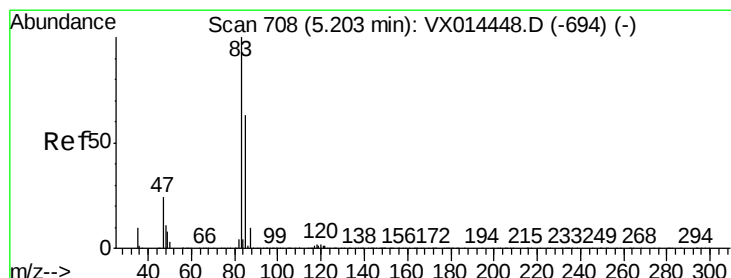
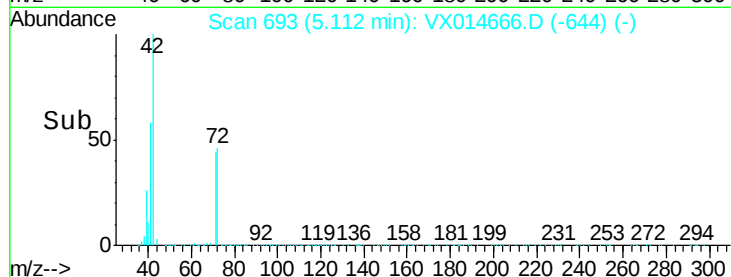
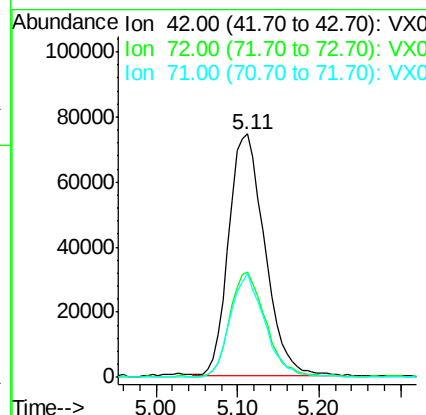
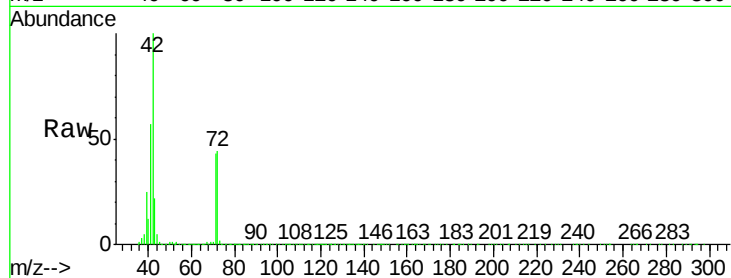
#29
Tetrahydrofuran
Concen: 107.074 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX014666.D
Acq: 20 Jan 2020 11:09

Instrument :
MSVOA_X
ClientSampleId :
VX0120WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.1	36.2	54.4
71	40.5	34.1	51.1

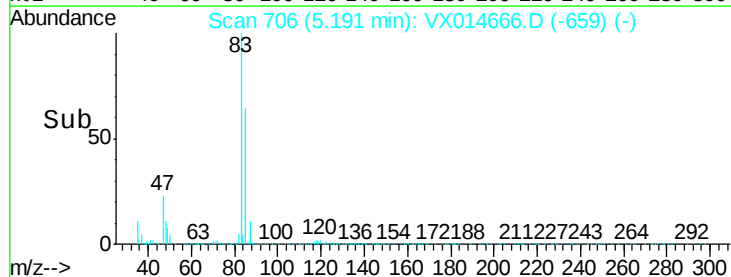
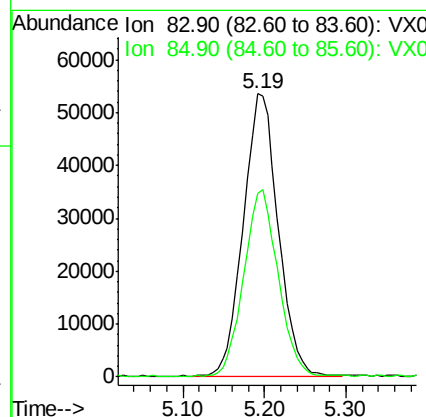
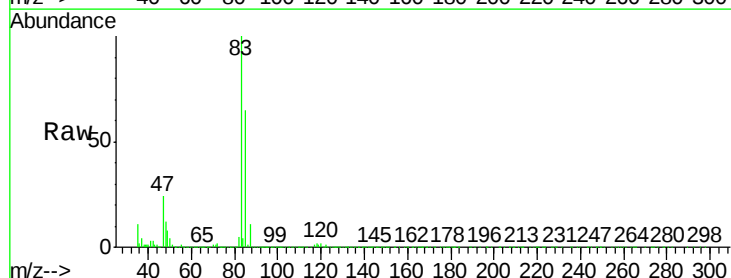
Manual Integrations
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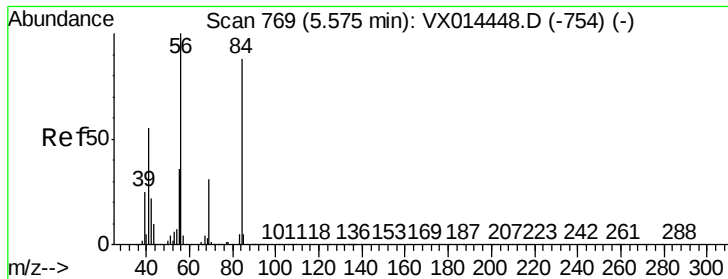
MMDadoda
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#30
Chloroform
Concen: 20.601 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX014666.D
Acq: 20 Jan 2020 11:09

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	50.6	75.8





#31

Cyclohexane

Concen: 19.706 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX014666.D

Acq: 20 Jan 2020 11:09

Instrument :

MSVOA_X

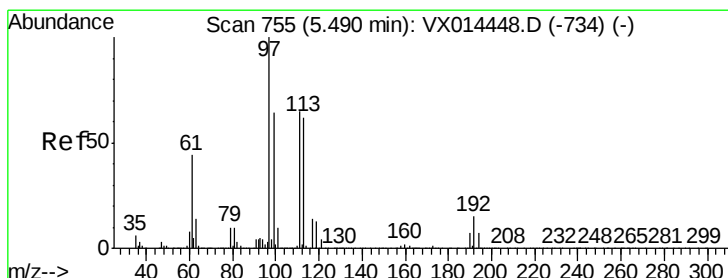
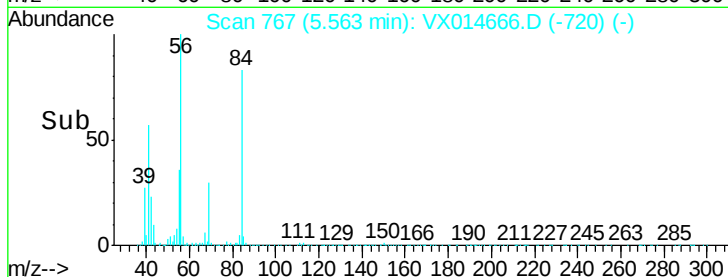
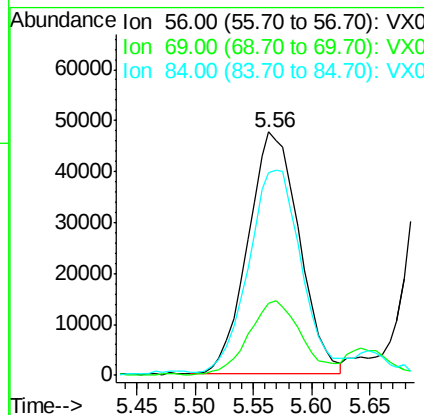
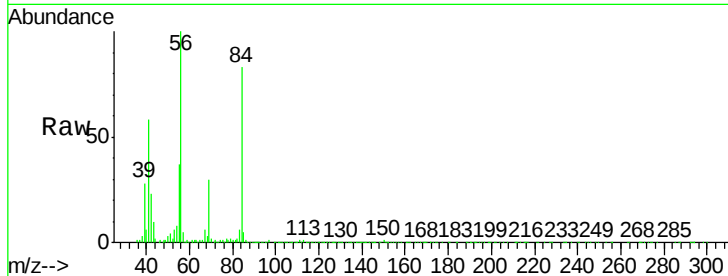
ClientSampleId :

VX0120WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.5	24.4	36.6
84	82.0	70.6	106.0

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.910 ug/l

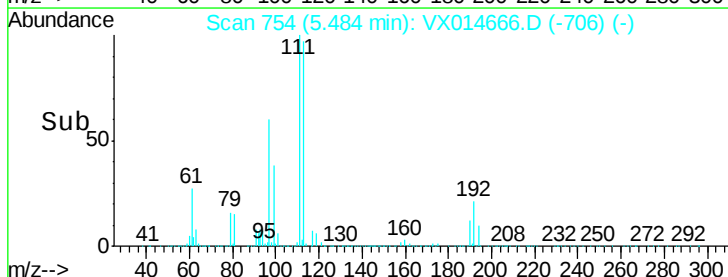
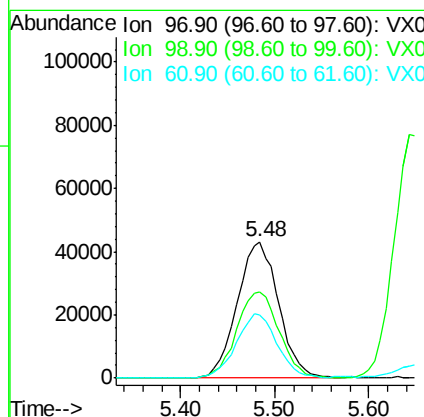
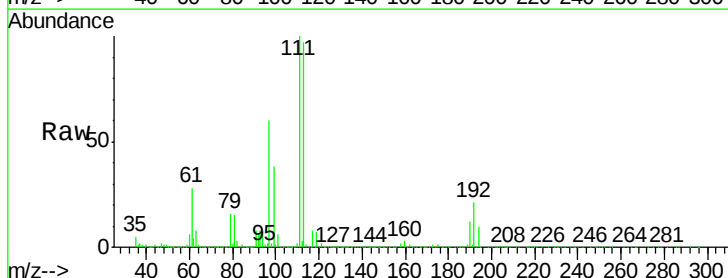
RT: 5.48 min Scan# 754

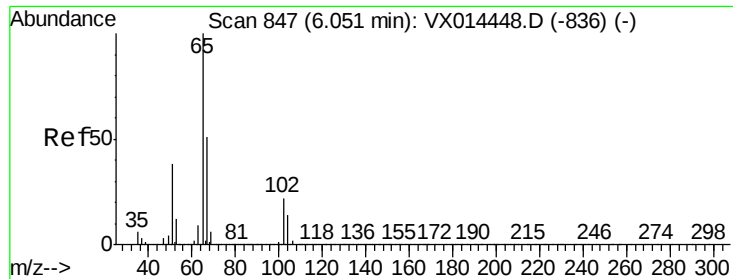
Delta R.T. -0.01 min

Lab File: VX014666.D

Acq: 20 Jan 2020 11:09

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.8	51.8	77.6
61	47.1	35.9	53.9





#33

1,2-Dichloroethane-d4

Concen: 50.787 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX014666.D

Acq: 20 Jan 2020 11:09

Instrument :

MSVOA_X

ClientSampled :

VX0120WBS01

Tot Ion: 65 Resp: 245426

Ion Ratio Lower Upper

65 100

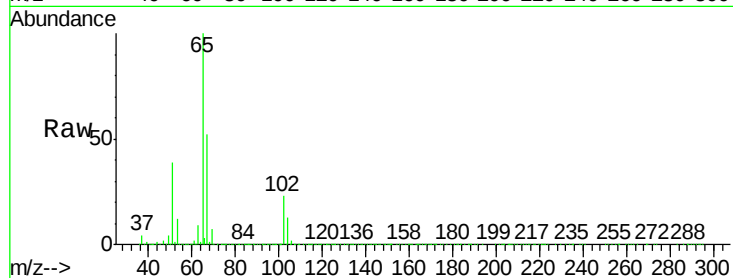
67 52.2 0.0 106.2

Manual Integrations

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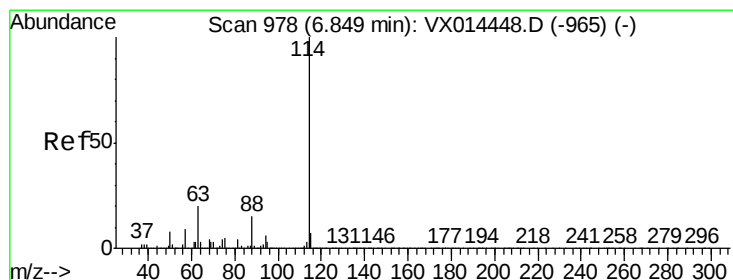
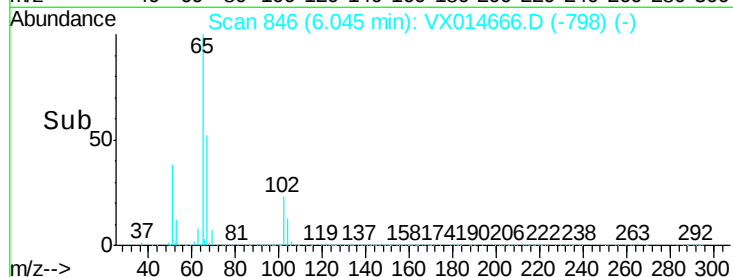
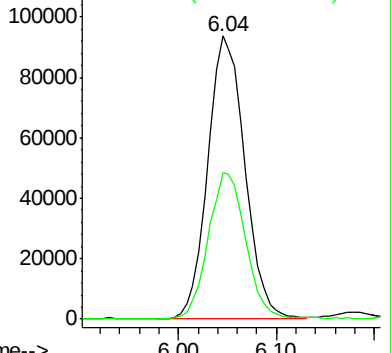
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014666.D

Acq: 20 Jan 2020 11:09

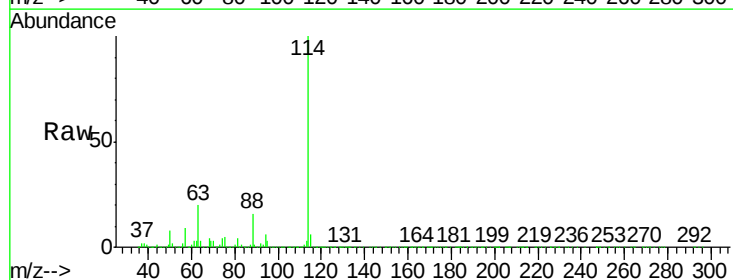
Tgt Ion: 114 Resp: 646120

Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.6

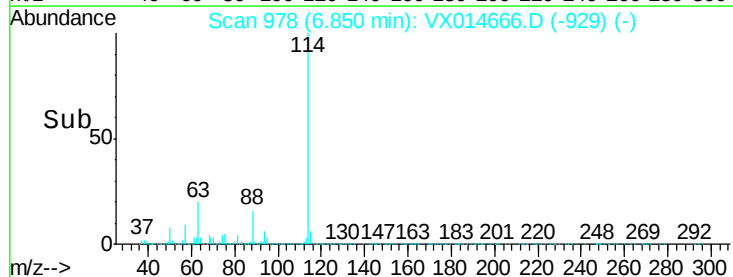
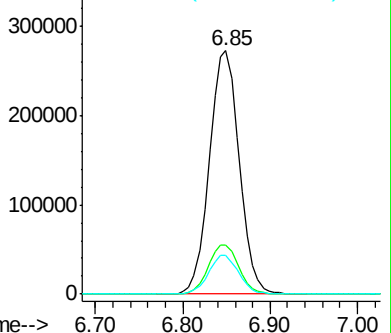
88 15.6 0.0 30.8

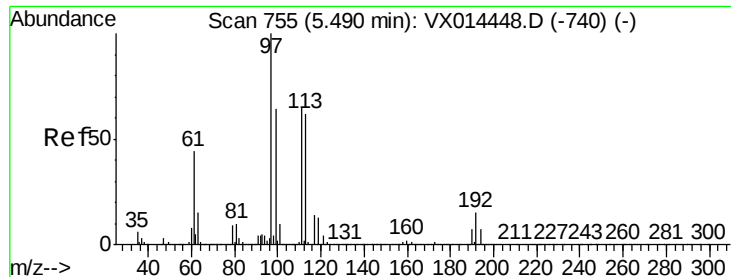


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 51.030 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014666.D

Acq: 20 Jan 2020 11:09

Instrument :

MSVOA_X

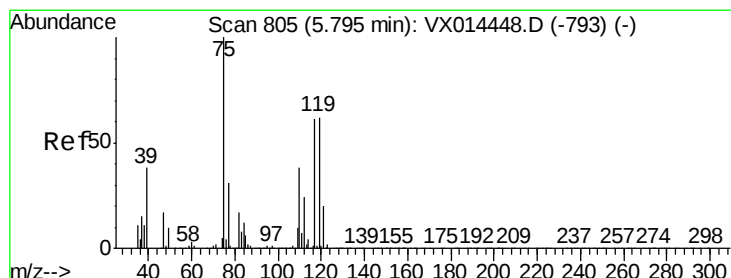
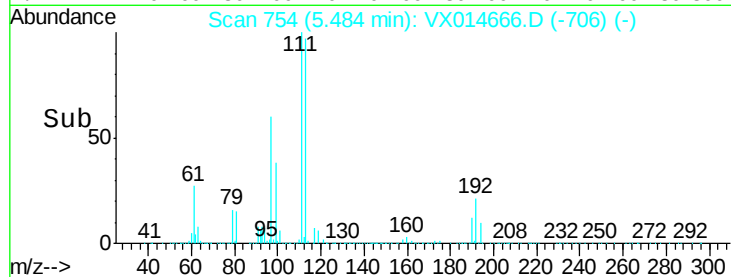
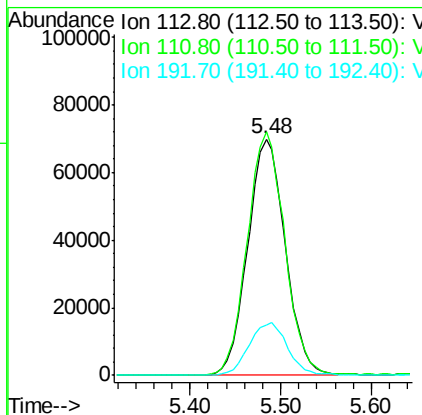
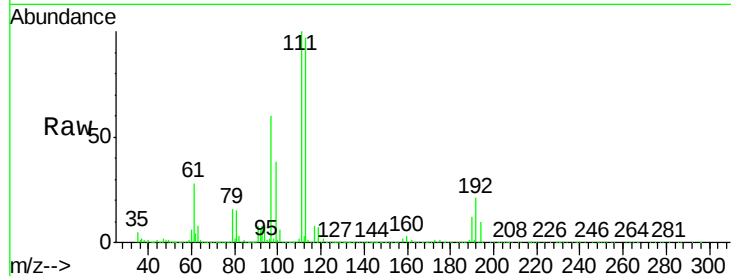
ClientSampleId :

VX0120WBS01

Tot Ion:	113	Resp:	199591
Ion Ratio	Lower	Upper	
113	100		
111	102.9	81.5	122.3
192	23.2	19.2	28.8

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#36

1,1-Dichloropropene

Concen: 19.307 ug/l

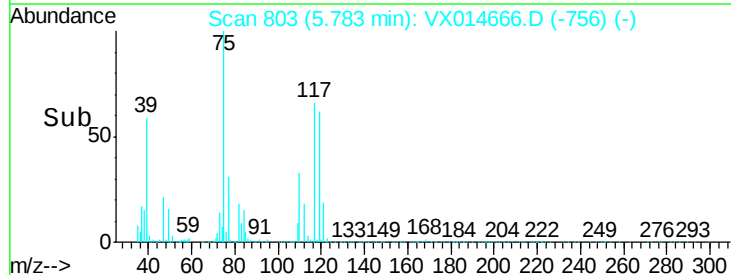
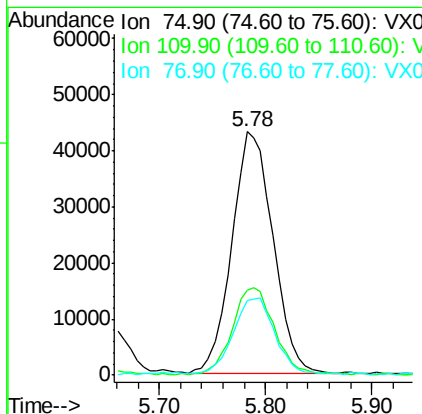
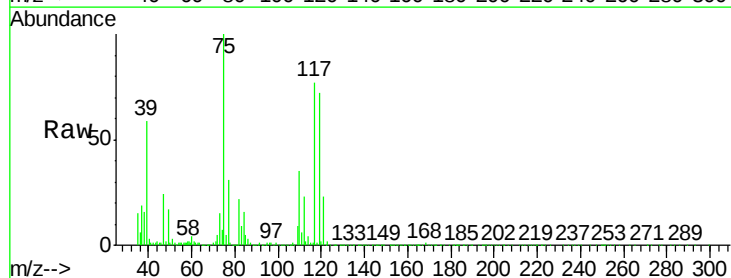
RT: 5.78 min Scan# 803

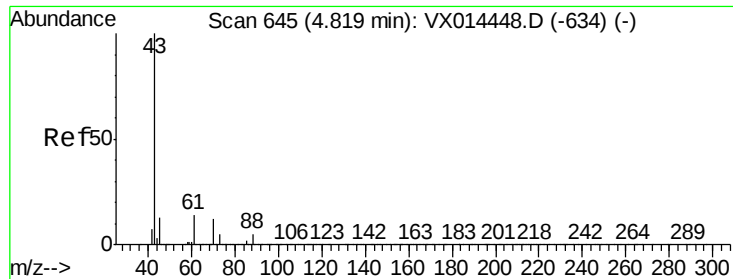
Delta R.T. -0.01 min

Lab File: VX014666.D

Acq: 20 Jan 2020 11:09

Tgt Ion:	75	Resp:	117313
Ion Ratio	Lower	Upper	
75	100		
110	36.4	18.6	55.8
77	31.5	24.5	36.7





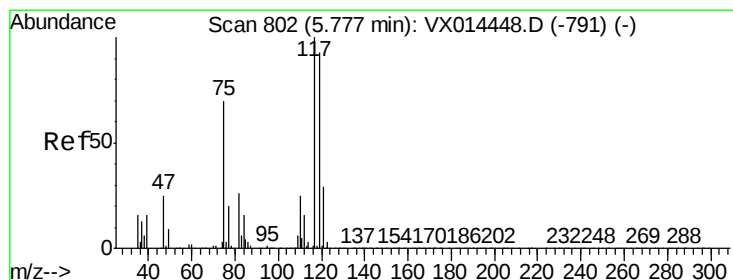
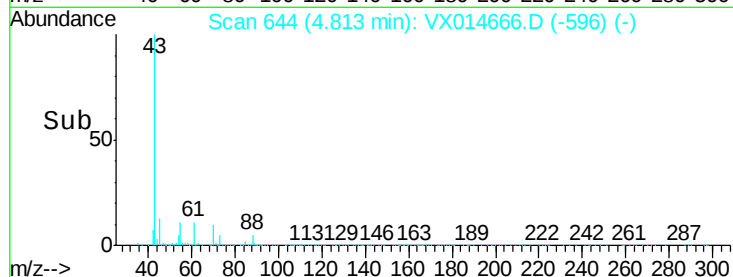
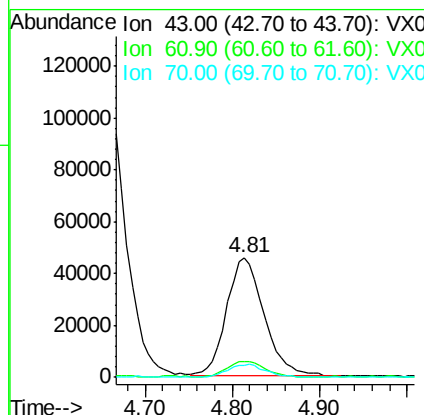
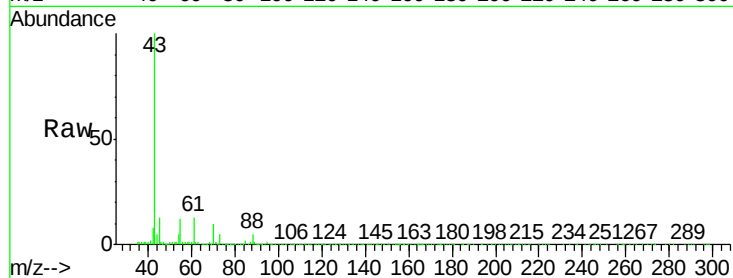
#37
Ethyl Acetate
Concen: 20.662 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014666.D
Acq: 20 Jan 2020 11:09

Instrument :
MSVOA_X
ClientSampleId :
VX0120WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.7	11.1	16.7
70	10.7	8.9	13.3

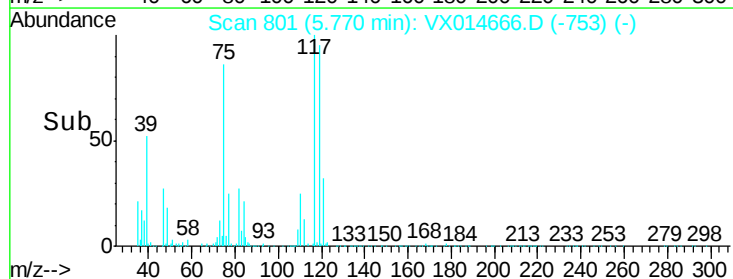
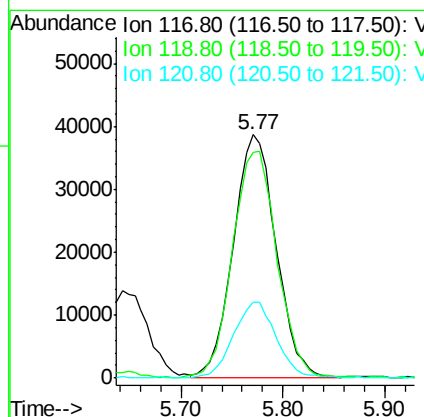
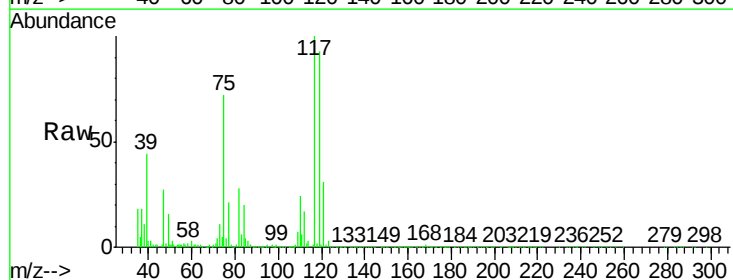
Manual Integrations
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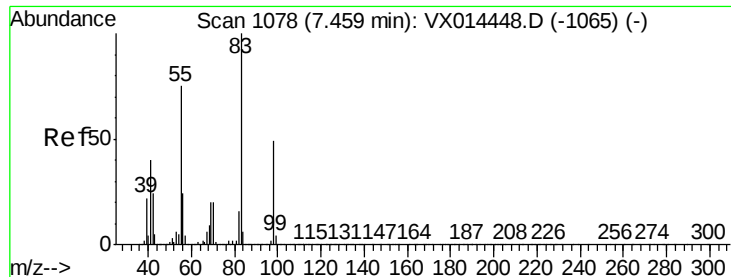
MMDadoda
1/21/2020 2:14:49 PM



#38
Carbon Tetrachloride
Concen: 20.036 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014666.D
Acq: 20 Jan 2020 11:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.4	73.8	110.8
121	31.2	23.4	35.0





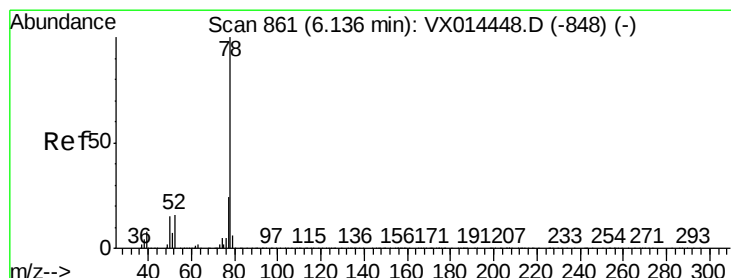
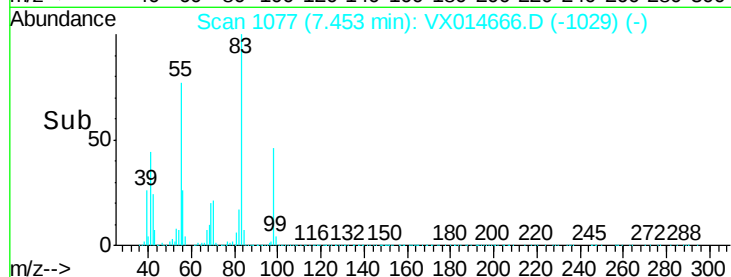
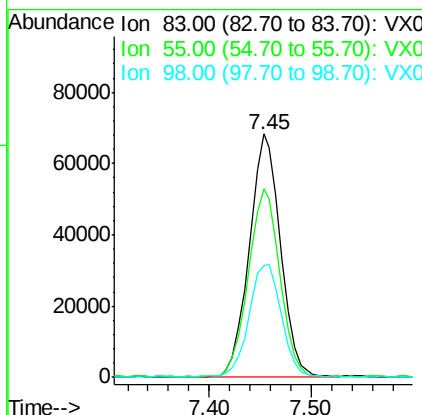
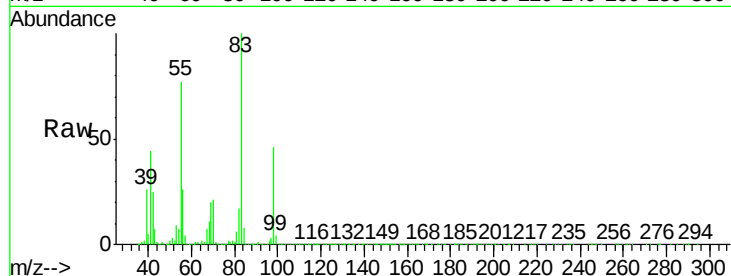
#39
Methvlcvclohexane
Concen: 18.994 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014666.D
Acq: 20 Jan 2020 11:09

Instrument :
MSVOA_X
ClientSampleId :
VX0120WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.0	59.7	89.5
98	45.9	39.1	58.7

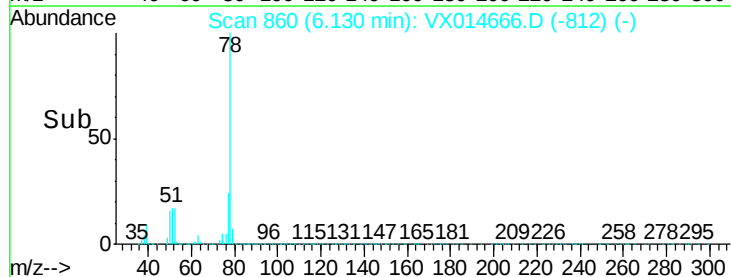
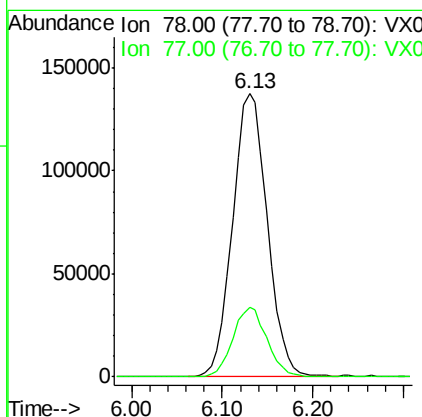
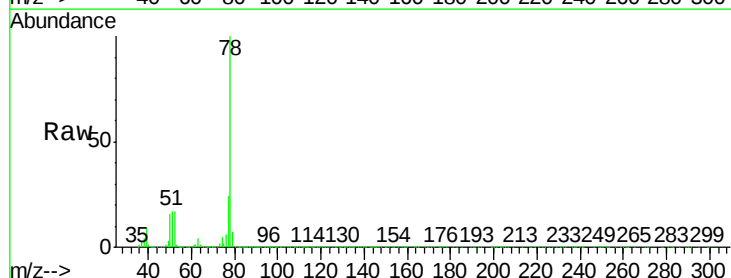
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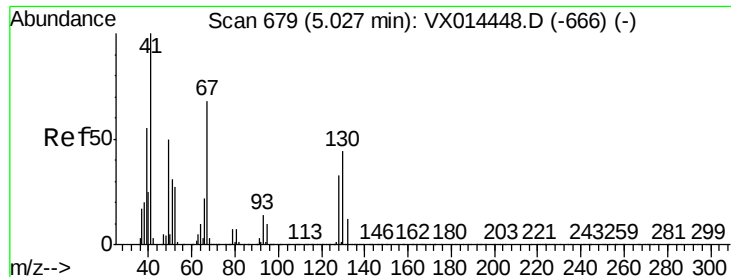
MMDadoda
1/21/2020 2:14:49 PM



#40
Benzene
Concen: 20.170 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014666.D
Acq: 20 Jan 2020 11:09

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.5	29.3





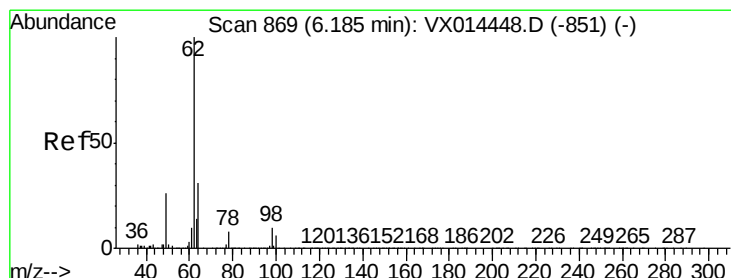
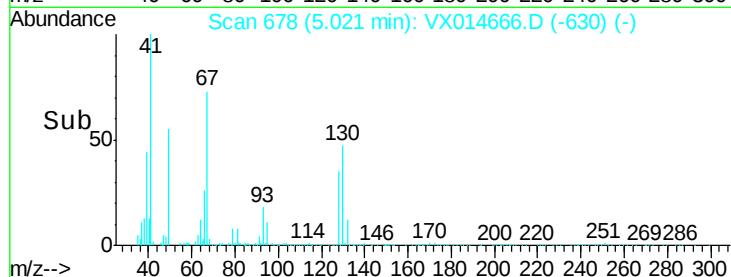
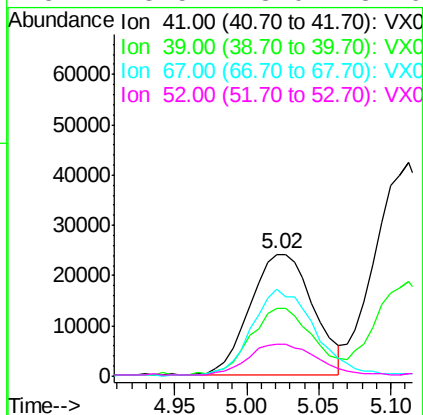
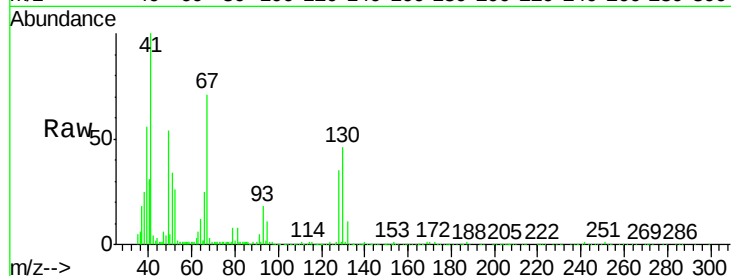
#41
Methacrylonitrile
Concen: 20.827 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014666.D
Acq: 20 Jan 2020 11:09

Instrument :
MSVOA_X
ClientSampleId :
VX0120WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.5	43.6	65.4	
67	70.7	57.9	86.9	
52	28.5	23.0	34.6	

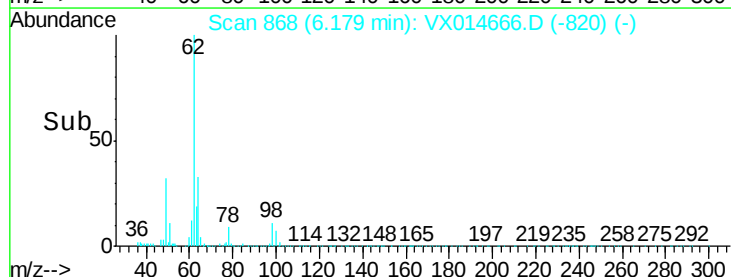
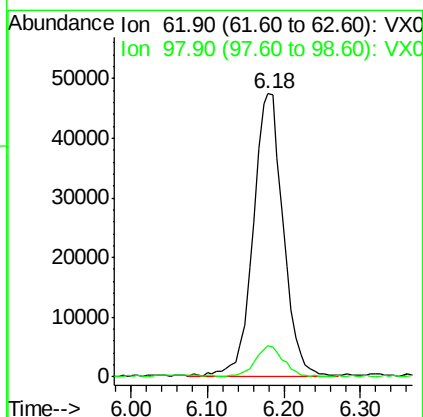
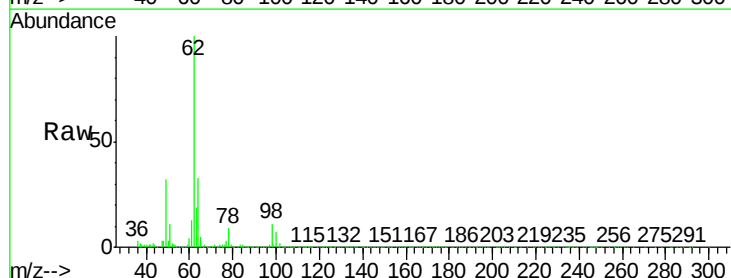
Manual Integrations
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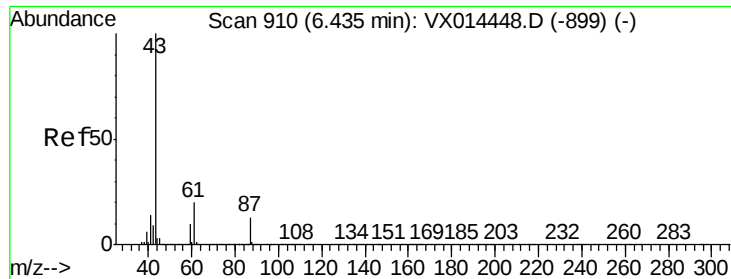
MMDadoda
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#42
1,2-Dichloroethane
Concen: 20.745 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014666.D
Acq: 20 Jan 2020 11:09

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.5	0.0	20.4	





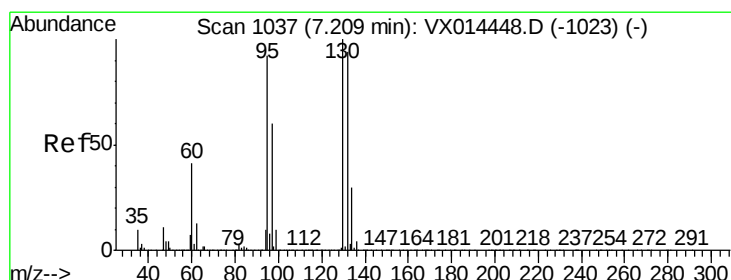
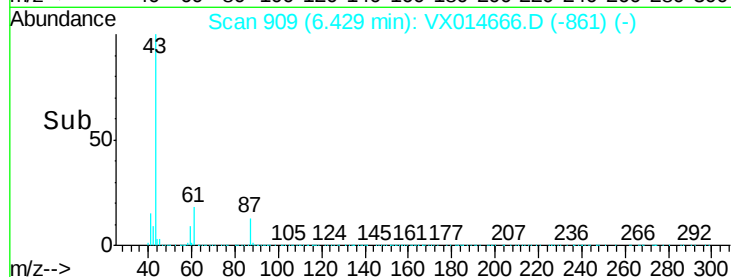
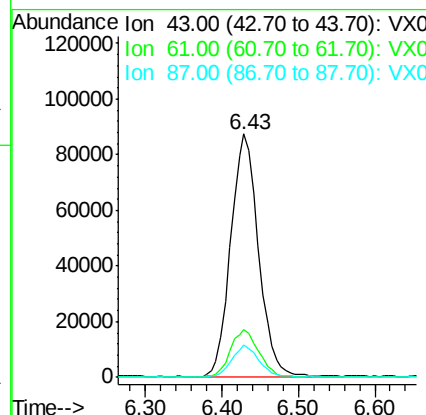
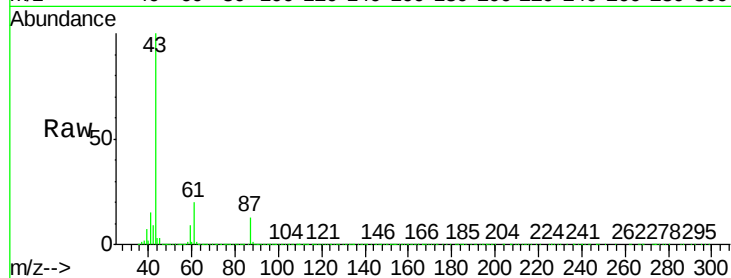
#43
Isopropyl Acetate
Concen: 20.514 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX014666.D
Acq: 20 Jan 2020 11:09

Instrument :
MSVOA_X
ClientSampleId :
VX0120WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.3	16.6	24.8
87	12.7	10.8	16.2

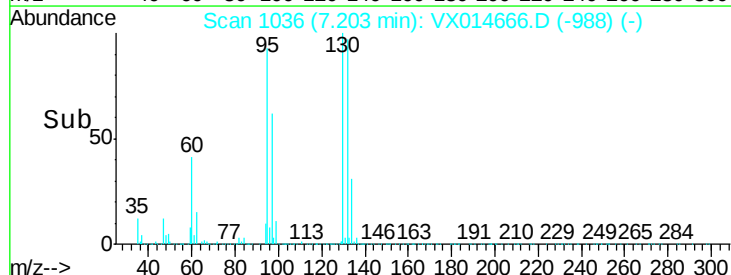
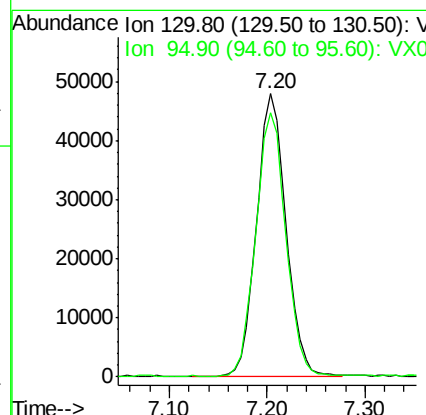
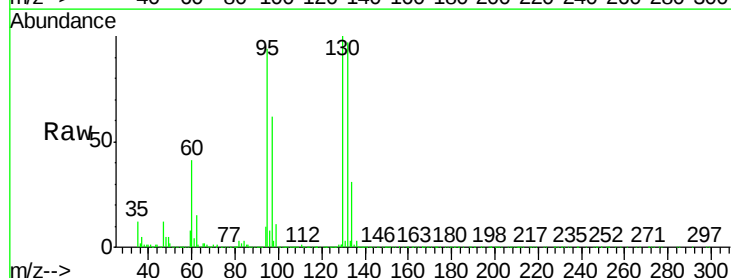
Manual Integrations
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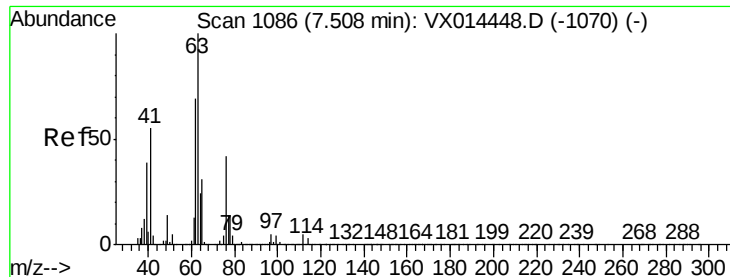
MMDadoda
1/21/2020 2:14:49 PM



#44
Trichloroethene
Concen: 19.444 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. -0.01 min
Lab File: VX014666.D
Acq: 20 Jan 2020 11:09

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.0	0.0	184.2





#45

1,2-Dichloropropane

Concen: 20.506 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX014666.D

Acq: 20 Jan 2020 11:09

Instrument :

MSVOA_X

ClientSampleId :

VX0120WBS01

Tot Ion: 63 Resp: 94283

Ion Ratio Lower Upper

63 100

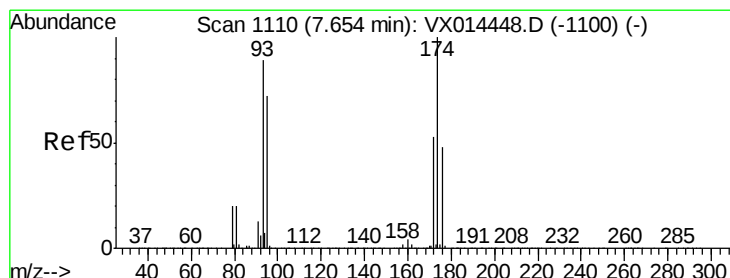
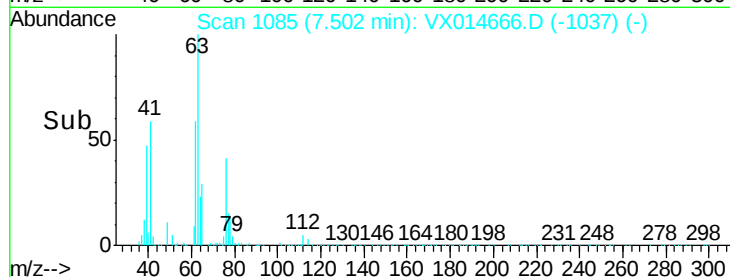
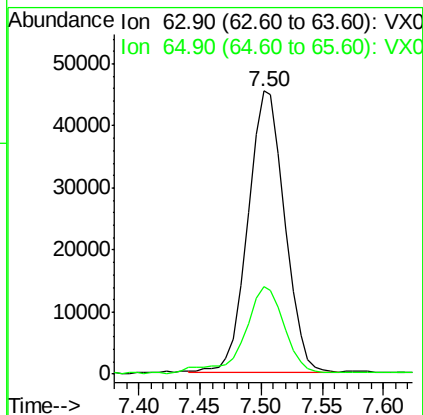
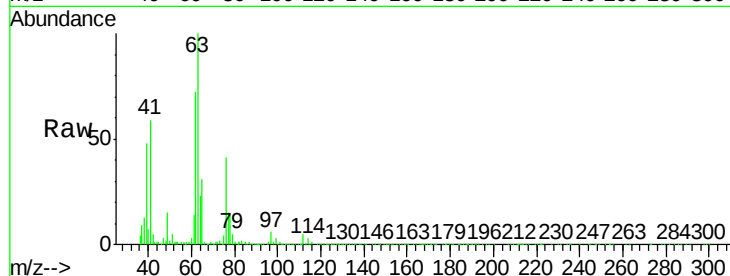
65 30.6 24.8 37.2

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#46

Dibromomethane

Concen: 19.129 ug/l

RT: 7.65 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VX014666.D

Acq: 20 Jan 2020 11:09

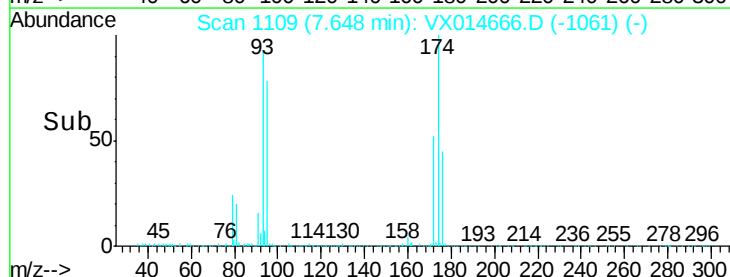
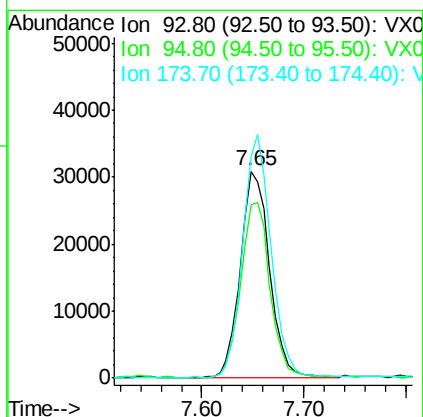
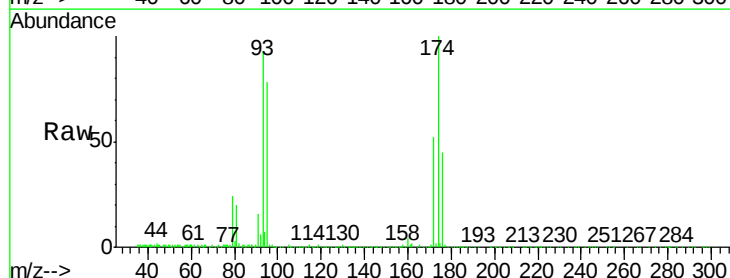
Tgt Ion: 93 Resp: 61385

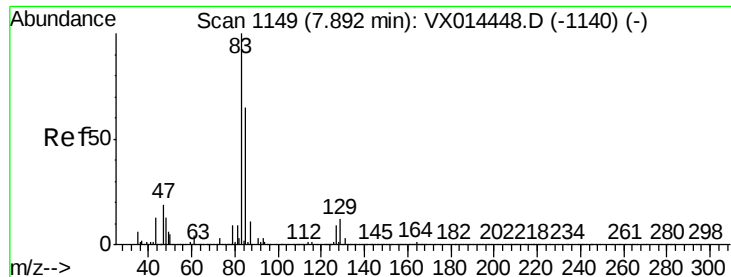
Ion Ratio Lower Upper

93 100

95 84.3 65.4 98.2

174 115.2 93.0 139.4





#47

Bromodichloromethane

Concen: 20.674 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014666.D

Acq: 20 Jan 2020 11:09

Instrument :

MSVOA_X

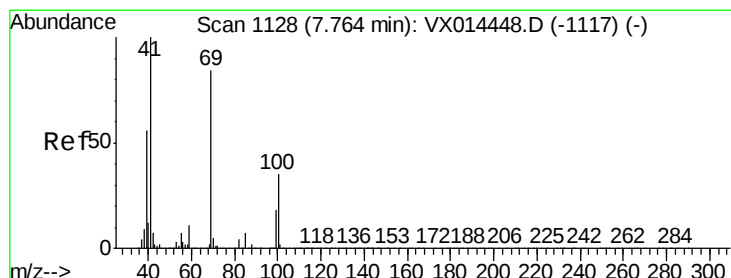
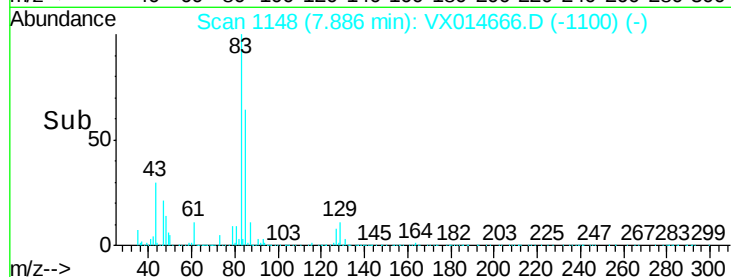
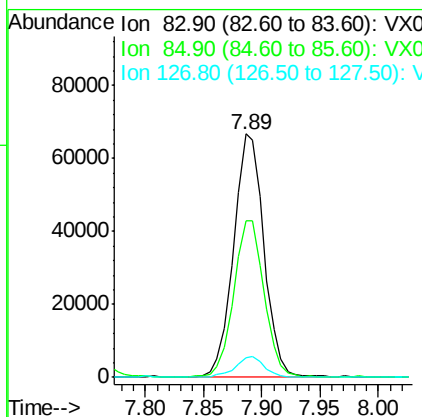
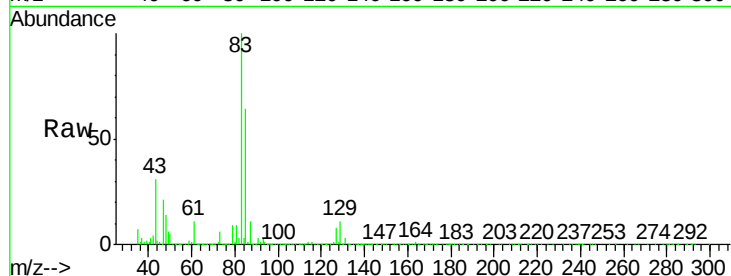
ClientSampleId :

VX0120WBS01

Tot Ion:	83	Resp:	120719
Ion Ratio	Lower	Upper	
83	100		
85	64.2	51.7	77.5
127	7.7	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.881 ug/l

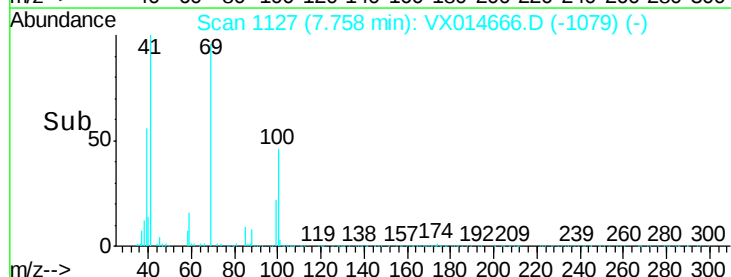
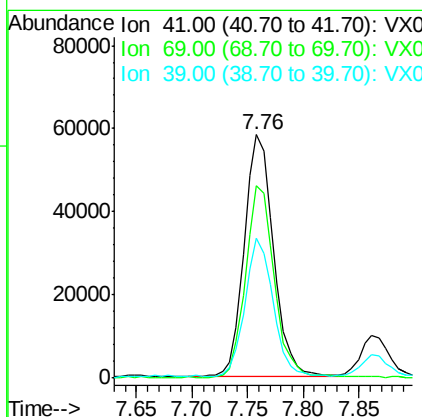
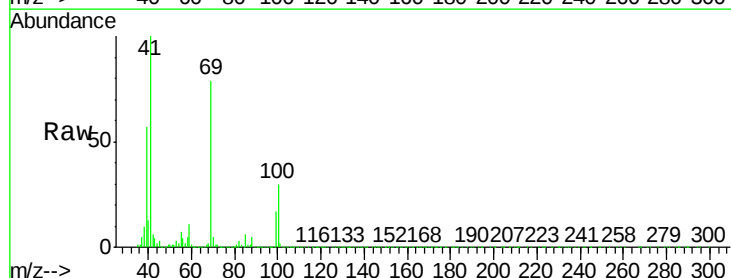
RT: 7.76 min Scan# 1127

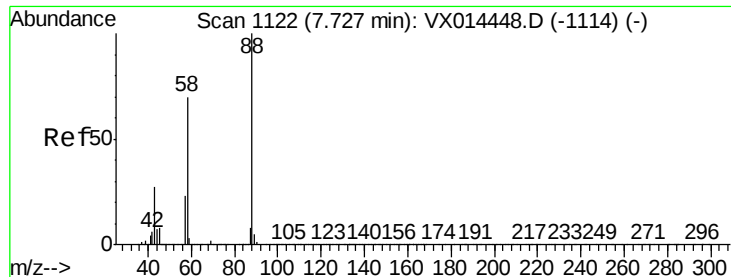
Delta R.T. -0.01 min

Lab File: VX014666.D

Acq: 20 Jan 2020 11:09

Tgt Ion:	41	Resp:	106628
Ion Ratio	Lower	Upper	
41	100		
69	77.9	65.5	98.3
39	54.7	43.9	65.9





#49

1,4-Dioxane

Concen: 413.724 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. 0.00 min

Lab File: VX014666.D

Acq: 20 Jan 2020 11:09

Instrument :

MSVOA_X

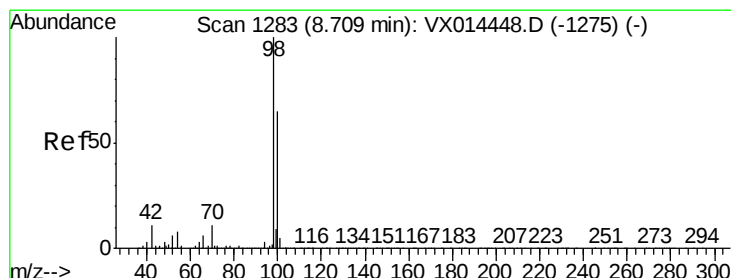
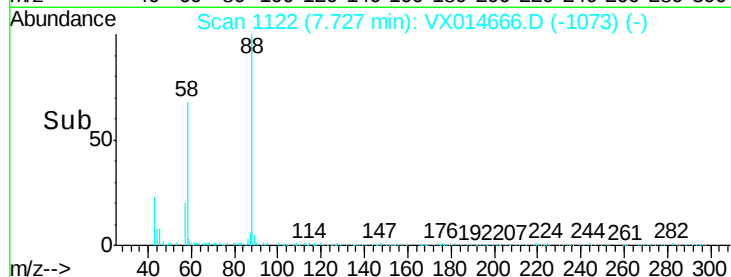
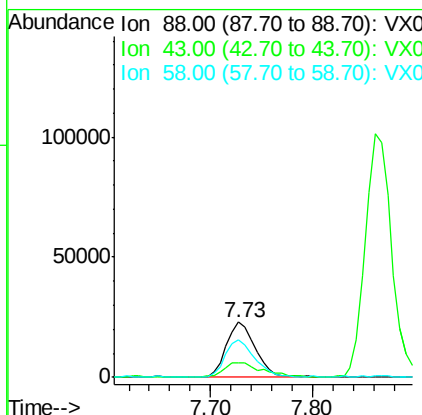
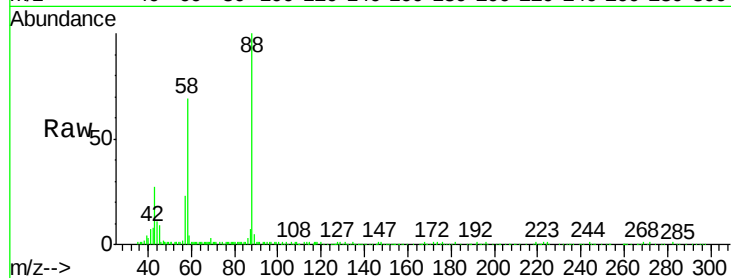
ClientSampleId :

VX0120WBS01

Tot Ion:	88	Resp:	44765
Ion Ratio	Lower	Upper	
88	100		
43	33.2	27.4	41.0
58	68.5	57.1	85.7

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#50

Toluene-d8

Concen: 50.845 ug/l

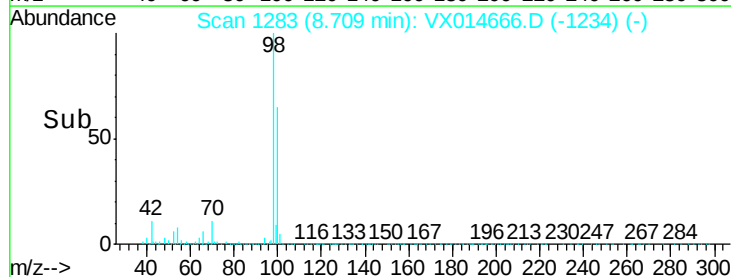
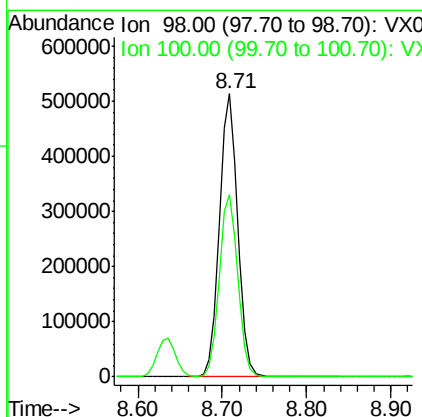
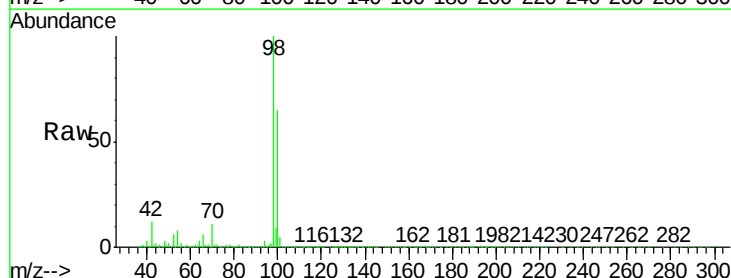
RT: 8.71 min Scan# 1283

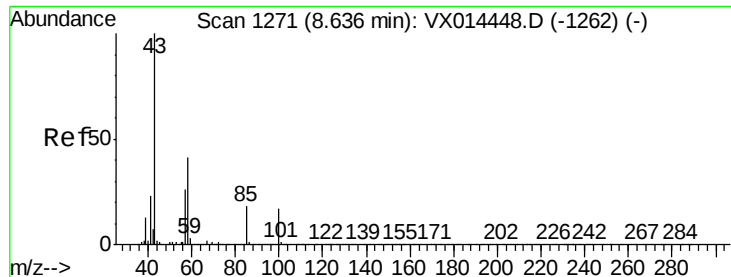
Delta R.T. 0.00 min

Lab File: VX014666.D

Acq: 20 Jan 2020 11:09

Tgt Ion:	98	Resp:	771744
Ion Ratio	Lower	Upper	
98	100		
100	65.2	53.2	79.8





#51

4-Methyl-2-Pentanone

Concen: 107.769 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014666.D

Acq: 20 Jan 2020 11:09

Instrument :

MSVOA_X

ClientSampleId :

VX0120WBS01

Tot Ion: 43 Resp: 700177

Ion Ratio Lower Upper

43 100

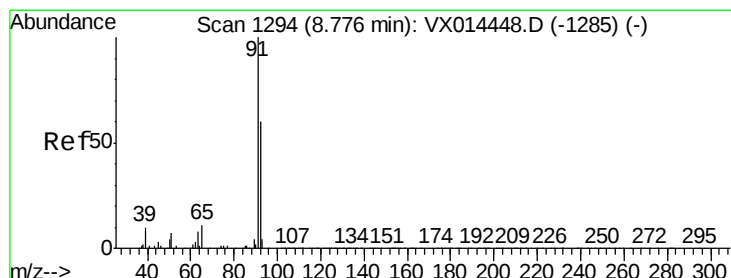
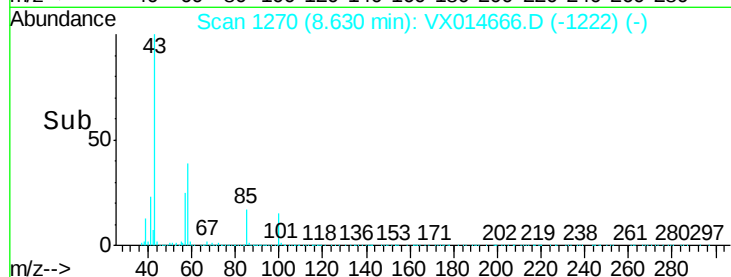
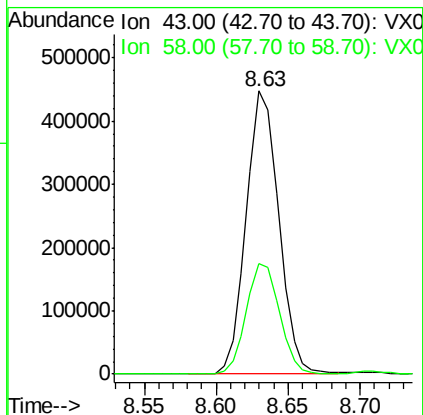
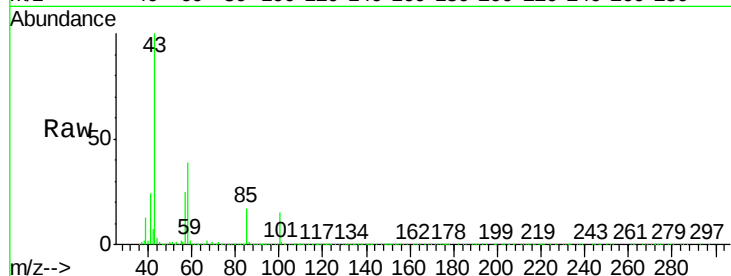
58 40.0 32.4 48.6

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#52

Toluene

Concen: 19.746 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX014666.D

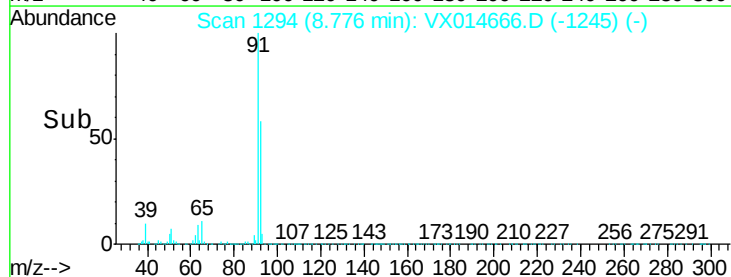
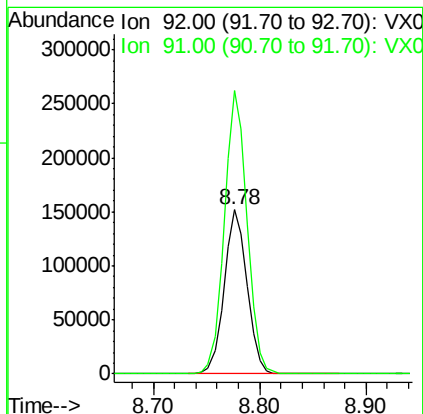
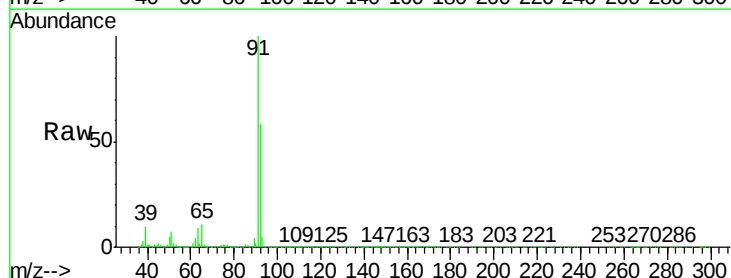
Acq: 20 Jan 2020 11:09

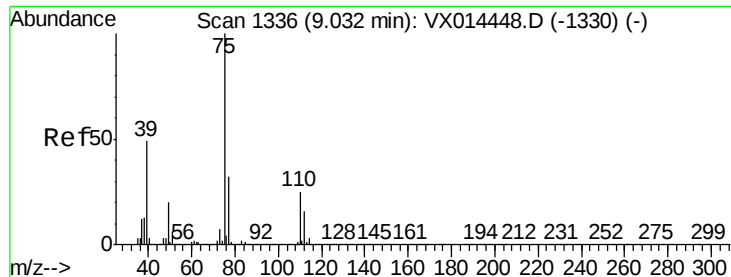
Tgt Ion: 92 Resp: 227948

Ion Ratio Lower Upper

92 100

91 171.0 135.7 203.5





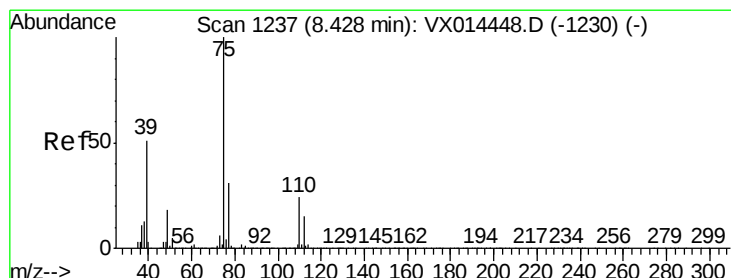
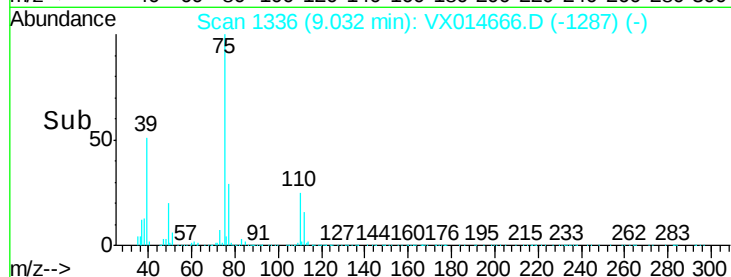
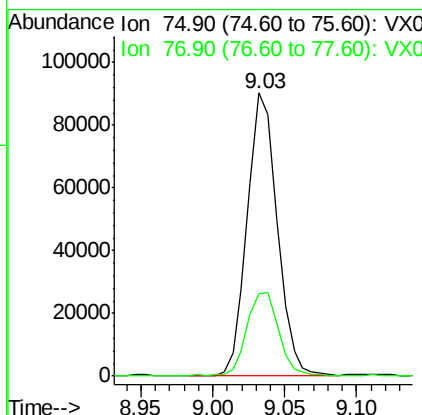
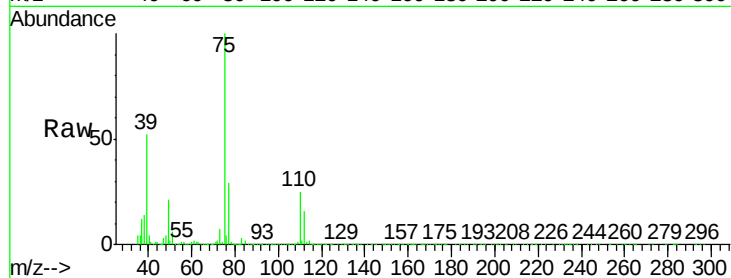
#53
t-1,3-Dichloropropene
Concen: 19.127 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VX014666.D
Acq: 20 Jan 2020 11:09

Instrument :
MSVOA_X
ClientSampled :
VX0120WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	29.1	25.4	38.2

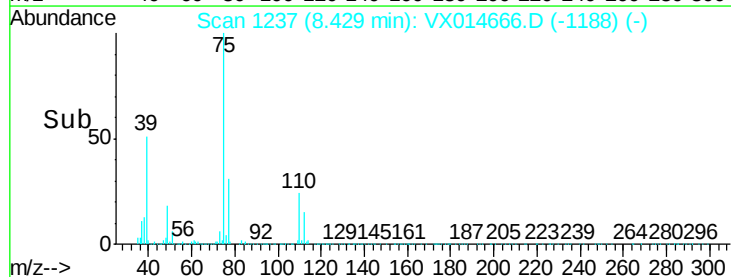
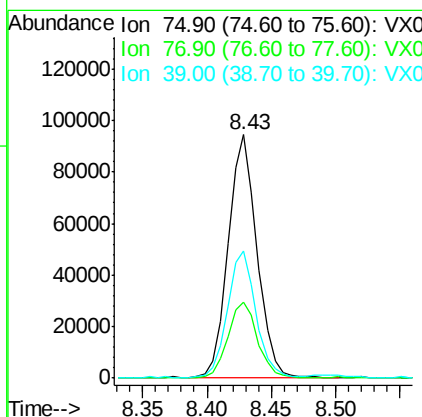
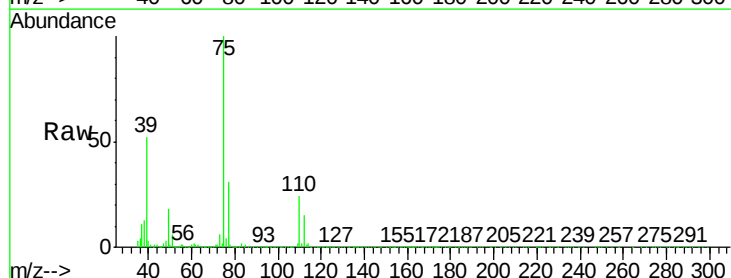
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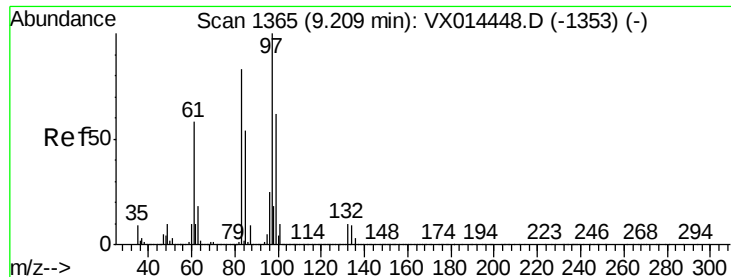
MMDadoda
1/21/2020 2:14:49 PM



#54
cis-1,3-Dichloropropene
Concen: 19.951 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014666.D
Acq: 20 Jan 2020 11:09

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.0	37.4
39	51.4	40.7	61.1





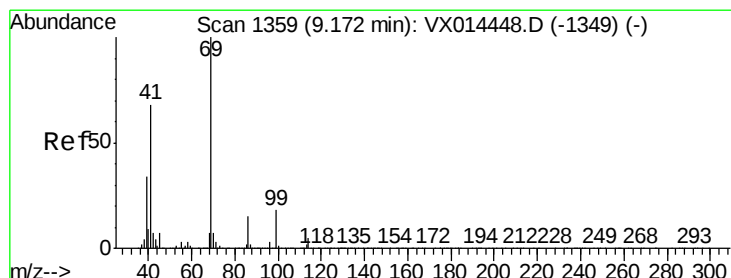
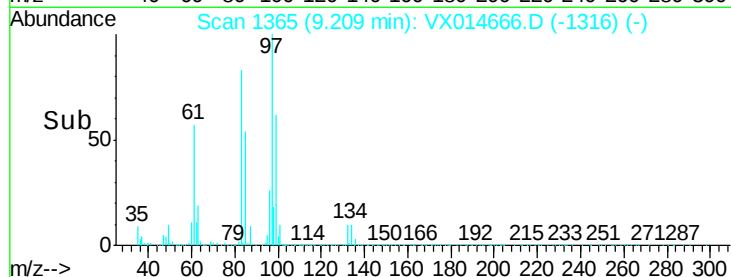
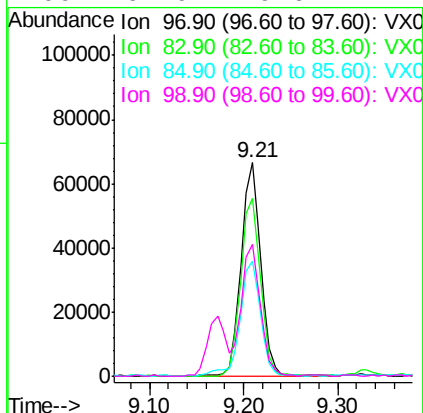
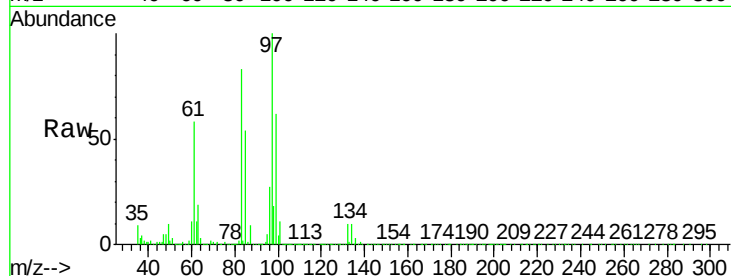
#55
 1,1,2-Trichloroethane
 Concen: 20.634 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014666.D
 Acq: 20 Jan 2020 11:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0120WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		95680		
83	83.3	66.4	99.6		
85	54.0	43.4	65.2		
99	61.9	49.6	74.4		

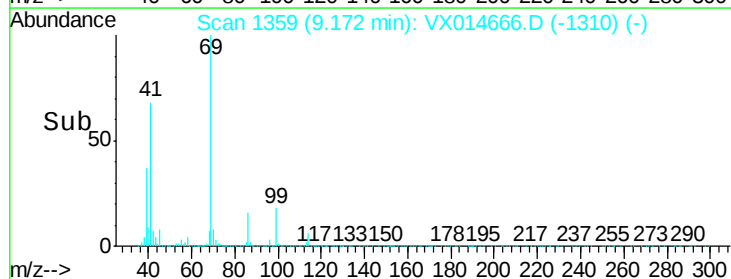
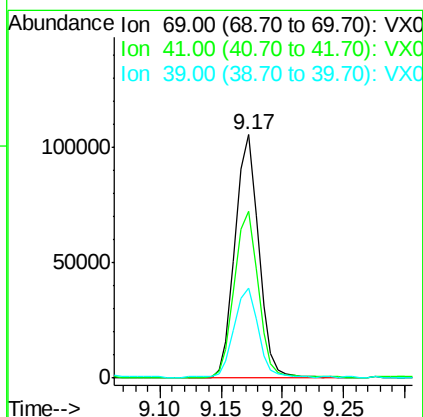
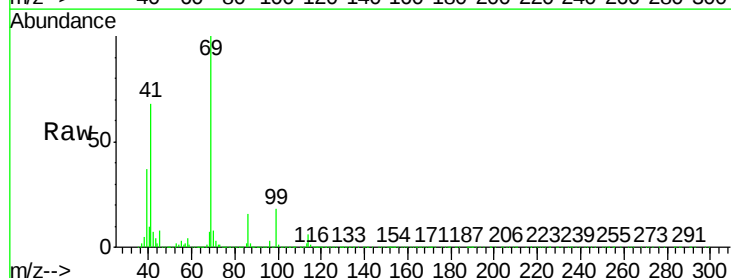
Manual Integrations
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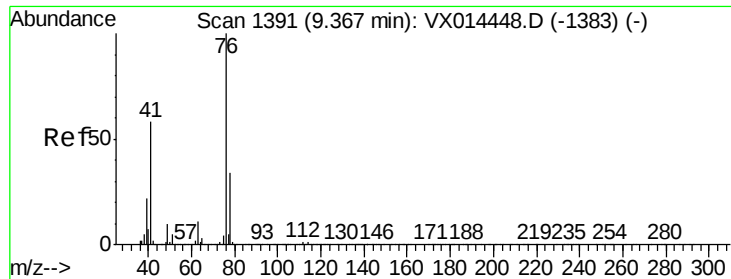
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#56
 Ethyl methacrylate
 Concen: 19.936 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014666.D
 Acq: 20 Jan 2020 11:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		141626		
41	69.4	54.2	81.2		
39	36.7	28.2	42.2		





#57

1,3-Dichloropropane

Concen: 20.576 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014666.D

Acq: 20 Jan 2020 11:09

Instrument :

MSVOA_X

ClientSampleId :

VX0120WBS01

Tot Ion: 76 Resp: 159528

Ion Ratio Lower Upper

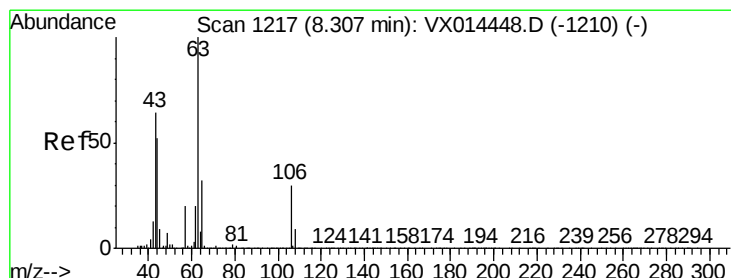
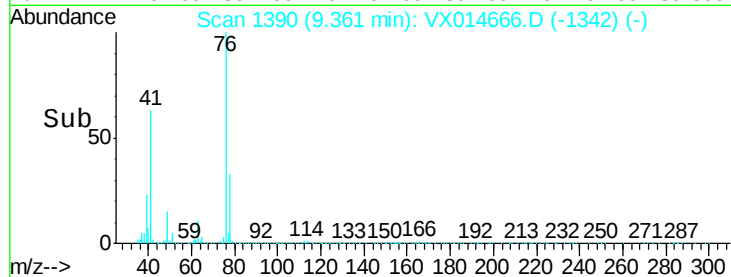
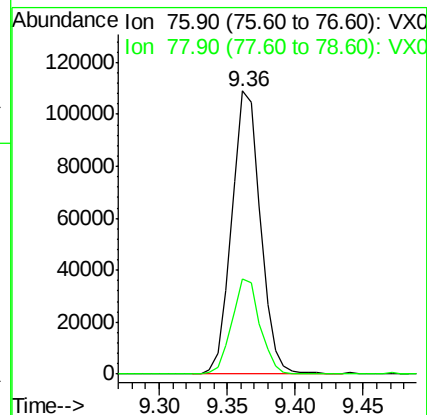
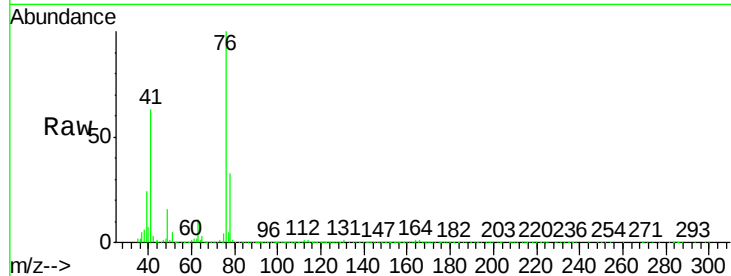
76 100

78 32.8 26.4 39.6

Manual Integrations
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1/21/2020 2:14:49 PM



#58

2-Chloroethyl Vinyl ether

Concen: 103.568 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014666.D

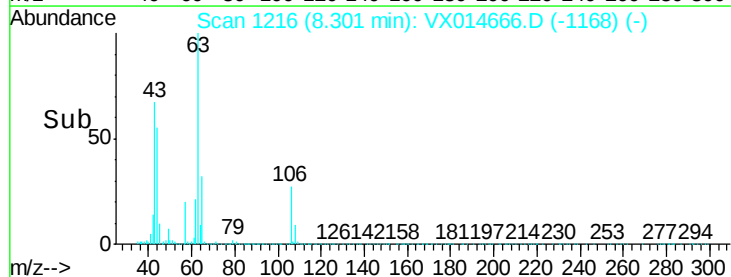
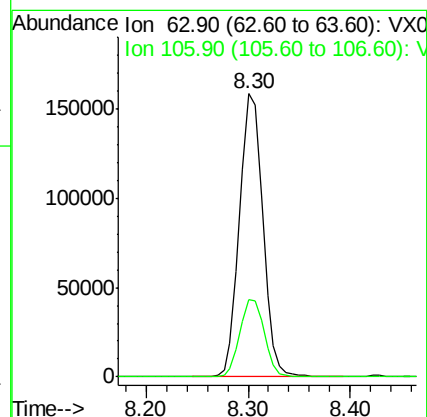
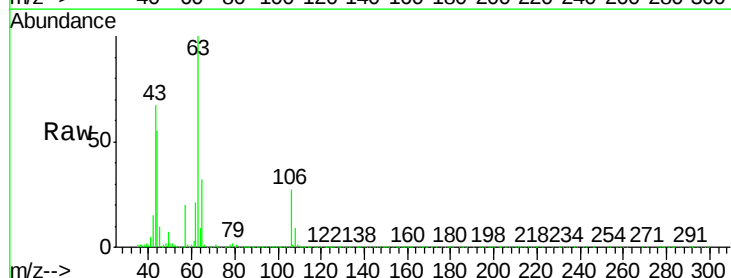
Acq: 20 Jan 2020 11:09

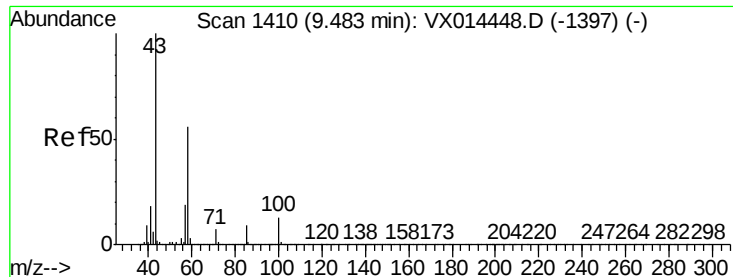
Tgt Ion: 63 Resp: 250323

Ion Ratio Lower Upper

63 100

106 28.8 23.6 35.4





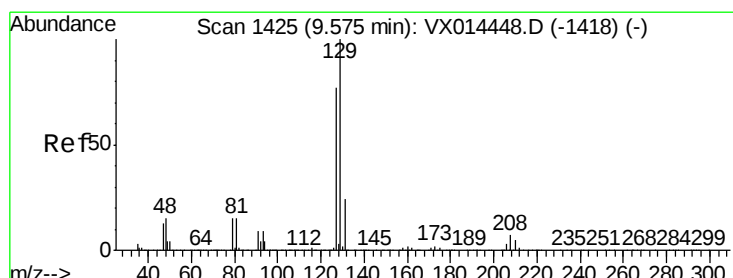
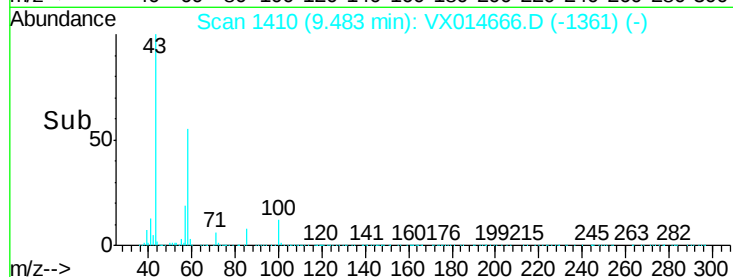
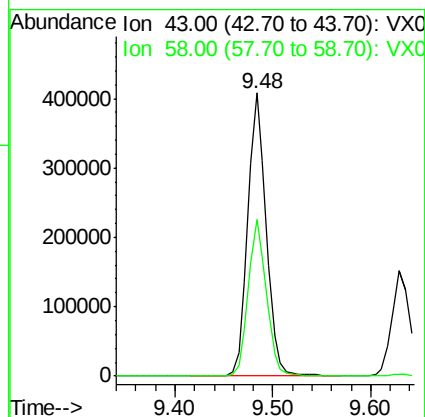
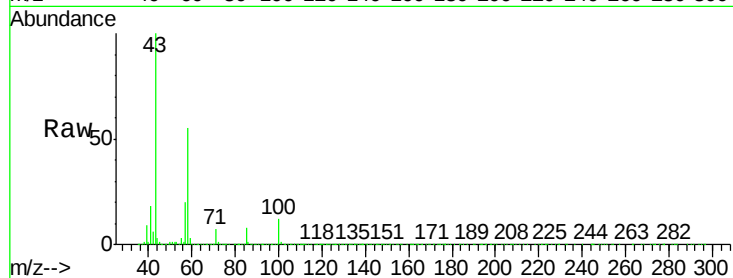
#59
2-Hexanone
Concen: 103.803 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014666.D
Acq: 20 Jan 2020 11:09

Instrument :
MSVOA_X
ClientSampleId :
VX0120WBS01

Tot Ion: 43 Resp: 533620
Ion Ratio Lower Upper
43 100
58 54.5 27.9 83.7

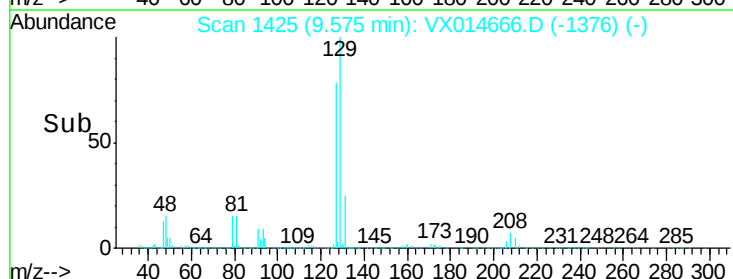
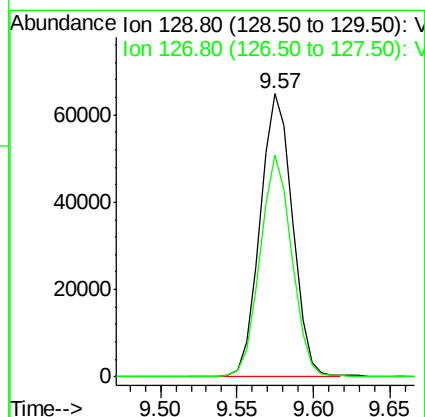
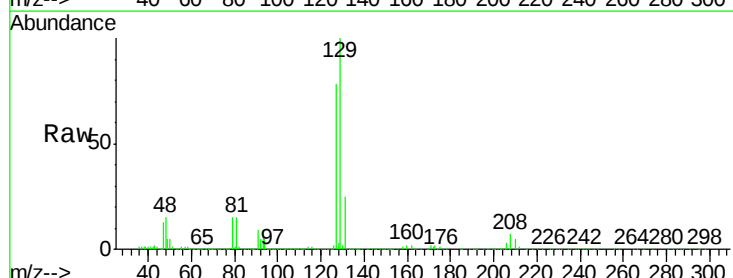
Manual Integrations
APPROVED

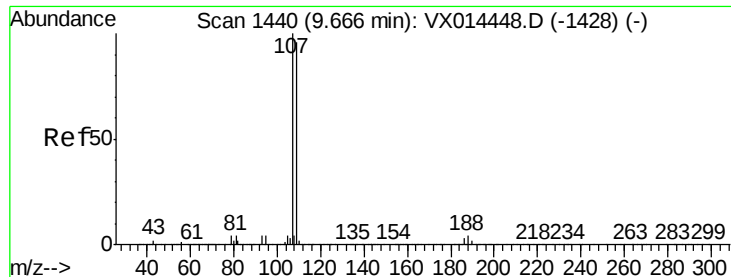
MMDadoda
1/21/2020 2:14:49 PM



#60
Dibromochloromethane
Concen: 20.555 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX014666.D
Acq: 20 Jan 2020 11:09

Tgt Ion: 129 Resp: 95801
Ion Ratio Lower Upper
129 100
127 76.6 38.6 116.0





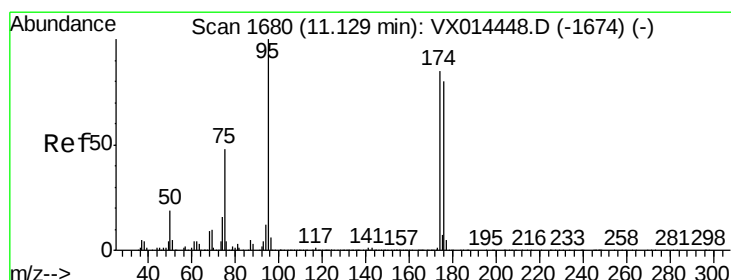
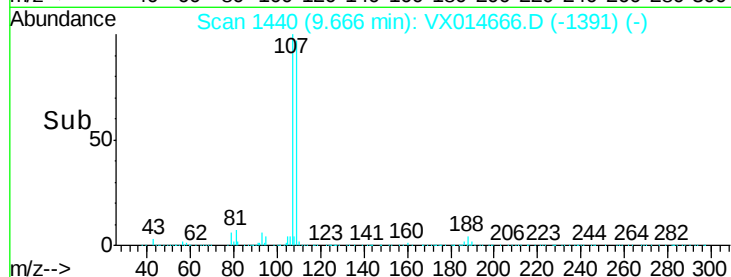
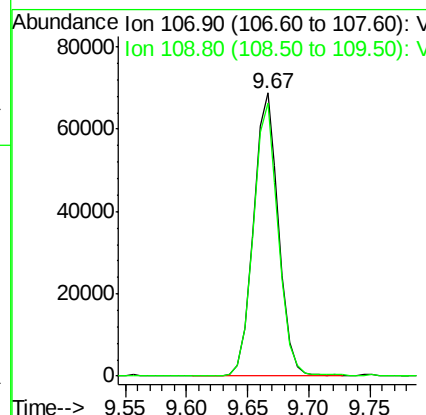
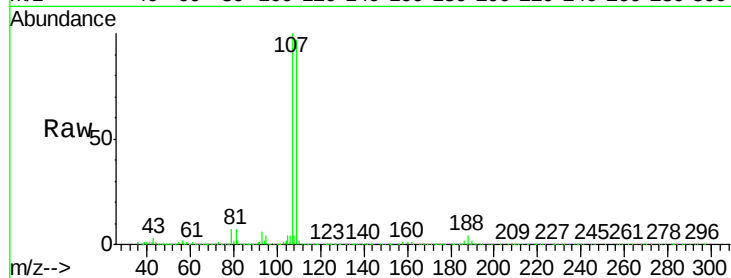
#61
 1,2-Dibromoethane
 Concen: 19.956 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX014666.D
 Acq: 20 Jan 2020 11:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0120WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	96.5	76.5	114.7

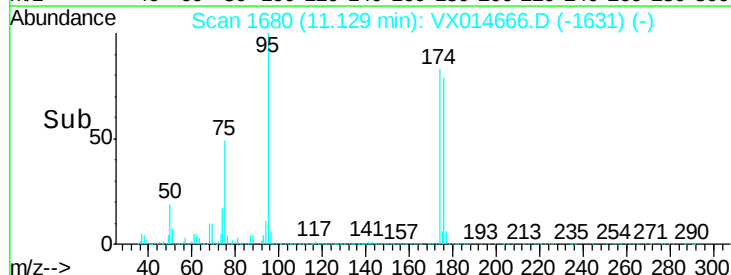
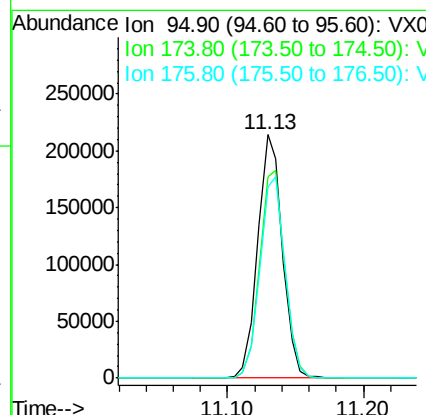
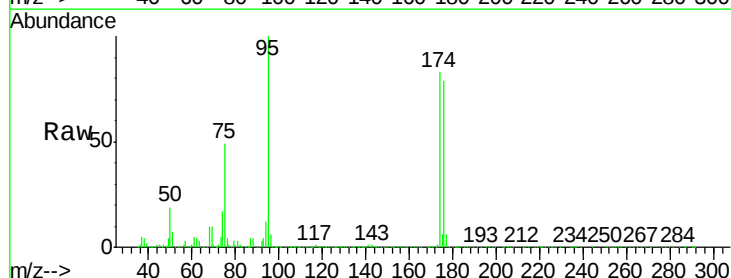
Manual Integrations
 APPROVED

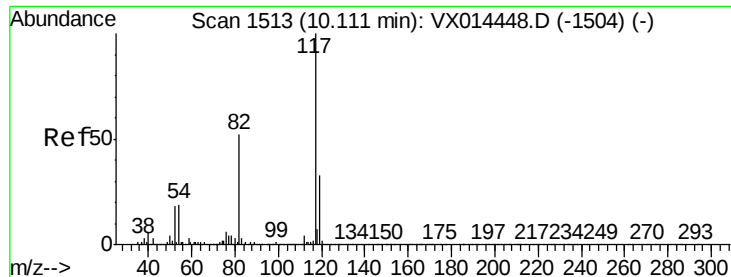
MMDadoda
 1/21/2020 2:14:49 PM



#62
 4-Bromofluorobenzene
 Concen: 48.983 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. 0.00 min
 Lab File: VX014666.D
 Acq: 20 Jan 2020 11:09

Tgt Ion	Ratio	Lower	Upper
95	100		
174	87.6	0.0	180.8
176	84.8	0.0	172.8





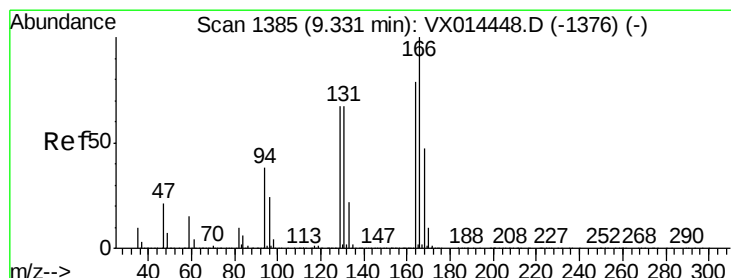
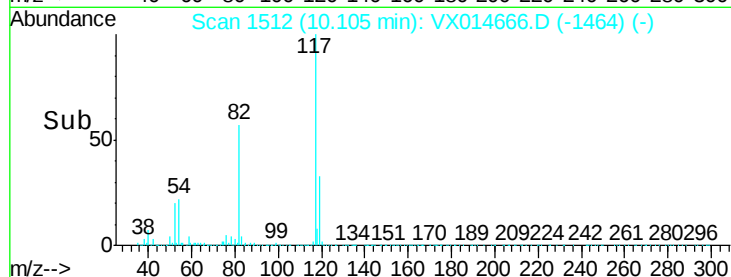
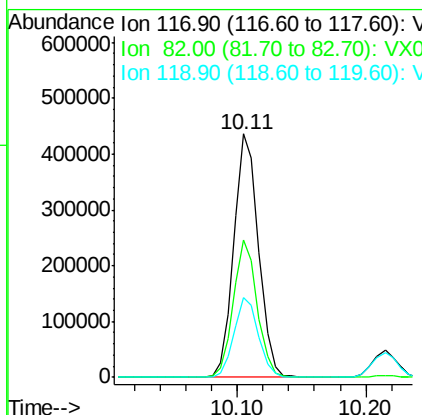
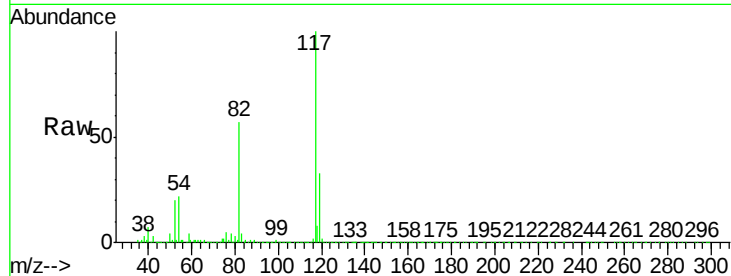
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014666.D
Acq: 20 Jan 2020 11:09

Instrument :
MSVOA_X
ClientSampleId :
VX0120WBS01

Tot Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	56.5	41.8	62.6
119	32.9	26.2	39.4

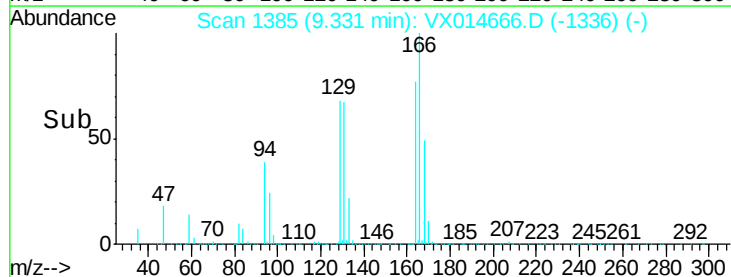
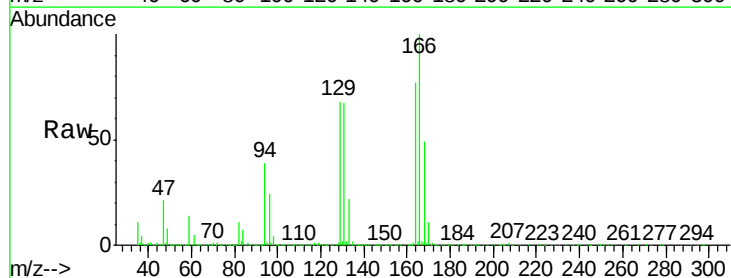
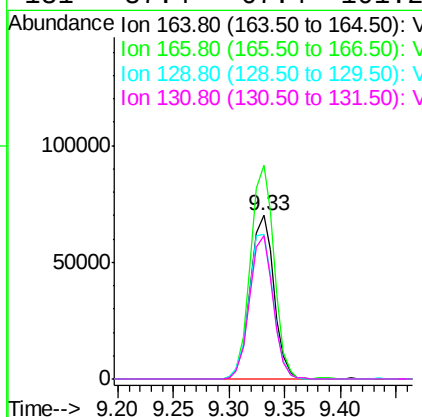
Manual Integrations
APPROVED

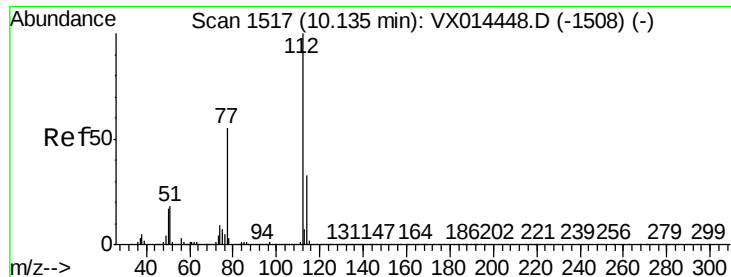
MMDadoda
1/21/2020 2:14:49 PM



#64
Tetrachloroethene
Concen: 17.846 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014666.D
Acq: 20 Jan 2020 11:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	130.6	101.2	151.8
129	88.3	68.3	102.5
131	87.4	67.4	101.2





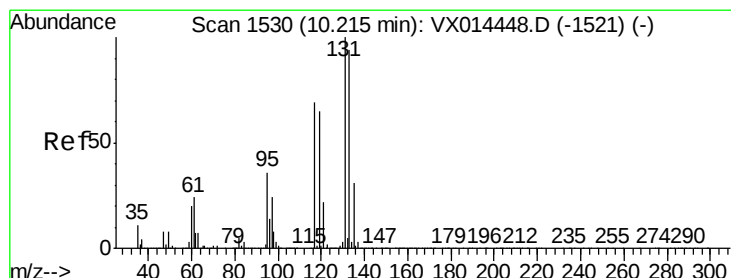
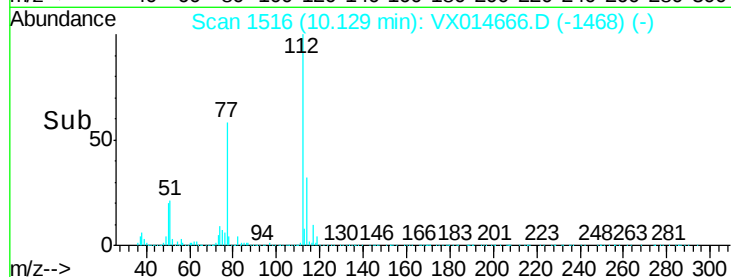
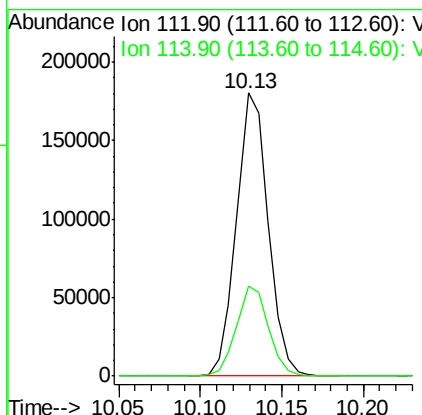
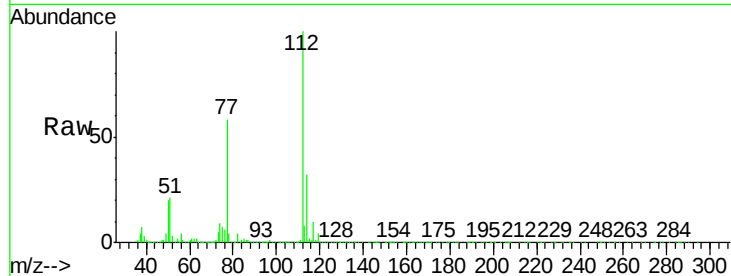
#65
Chlorobenzene
Concen: 19.366 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX014666.D
Acq: 20 Jan 2020 11:09

Instrument :
MSVOA_X
ClientSampleId :
VX0120WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.7	26.2	39.4

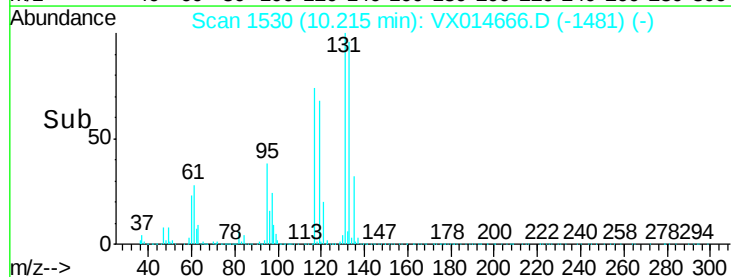
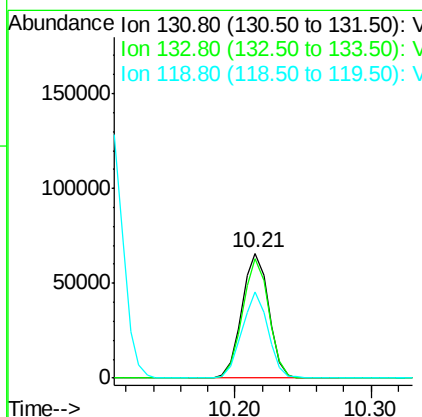
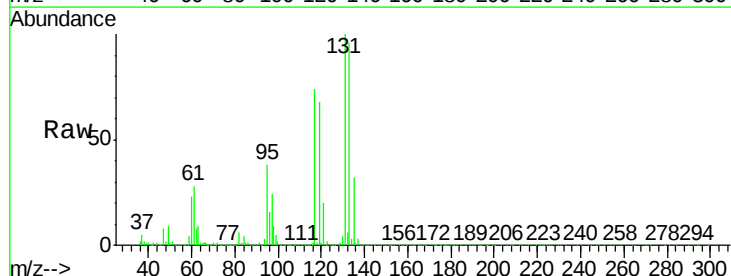
Manual Integrations
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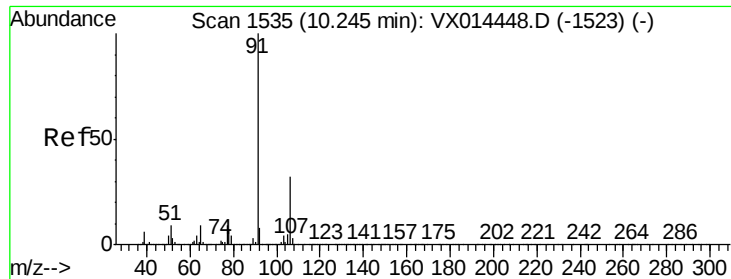
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.088 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014666.D
Acq: 20 Jan 2020 11:09

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.4	47.3	142.0
119	66.8	32.8	98.4





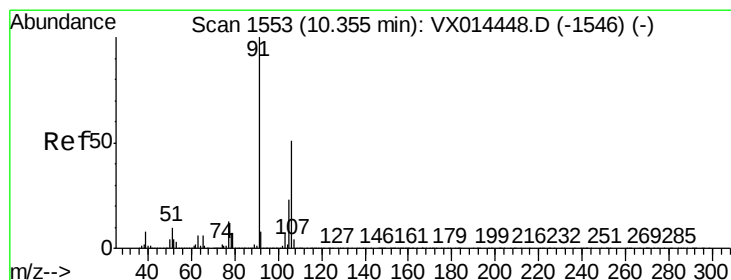
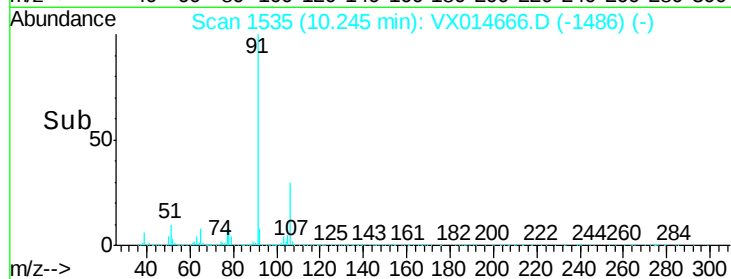
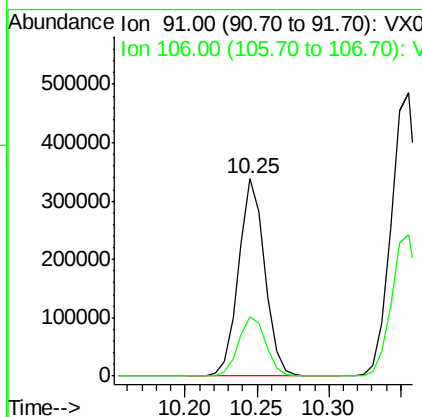
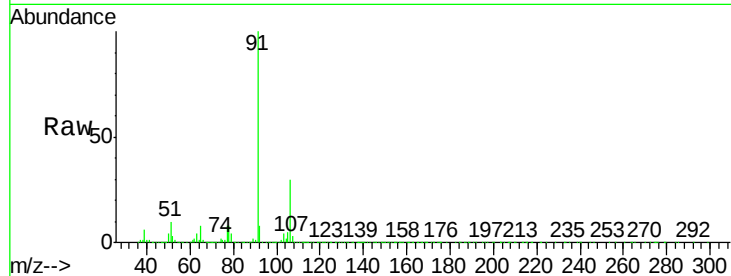
#67
Ethyl Benzene
Concen: 19.930 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014666.D
Acq: 20 Jan 2020 11:09

Instrument :
MSVOA_X
ClientSampled :
VX0120WBS01

Tot Ion: 91 Resp: 428982
Ion Ratio Lower Upper
91 100
106 30.4 25.6 38.4

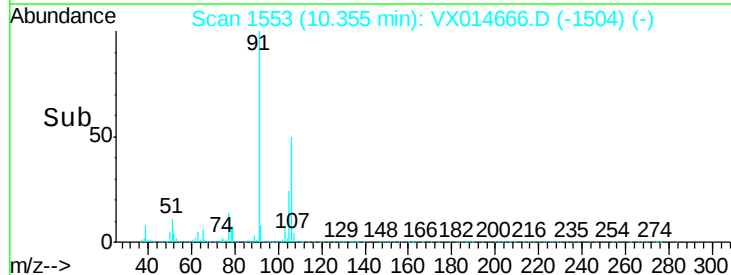
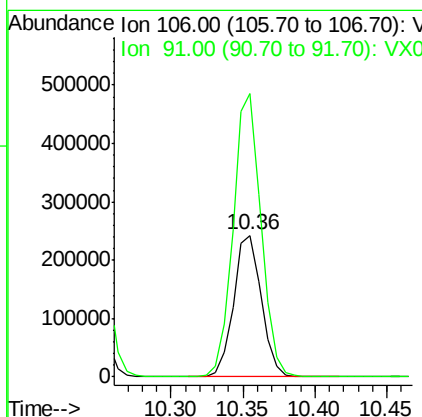
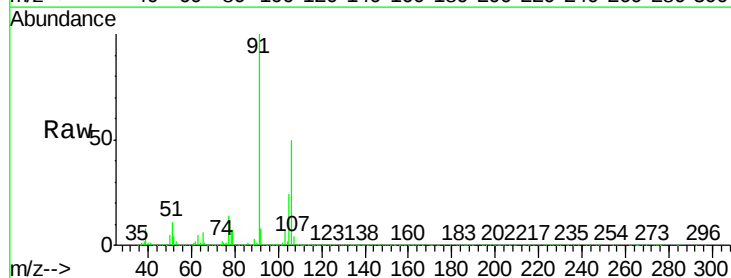
Manual Integrations
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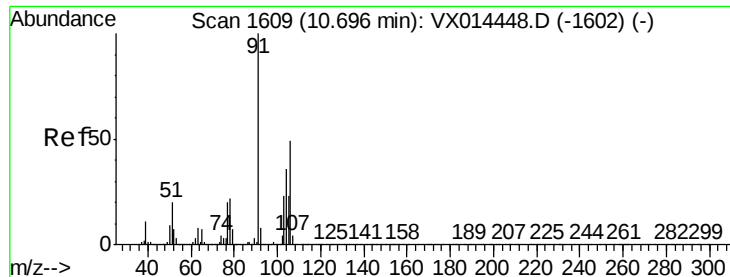
MMDadoda
1/21/2020 2:14:49 PM



#68
m/p-Xylenes
Concen: 39.451 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014666.D
Acq: 20 Jan 2020 11:09

Tgt Ion: 106 Resp: 327606
Ion Ratio Lower Upper
106 100
91 200.6 157.4 236.0





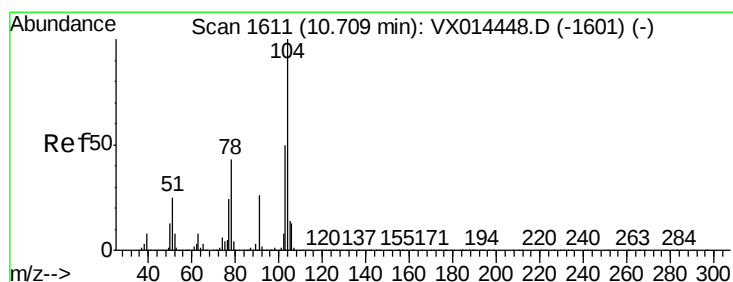
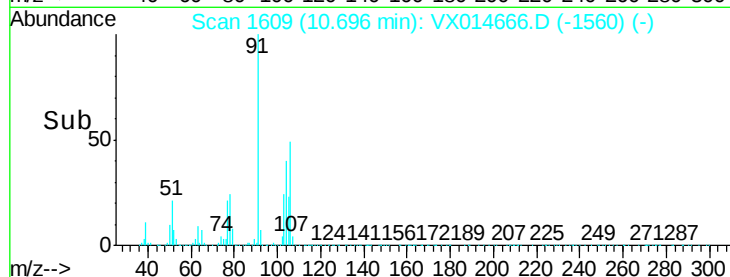
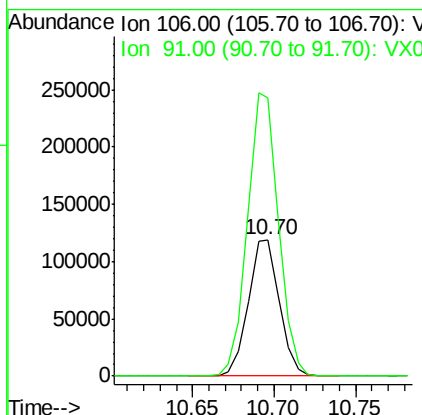
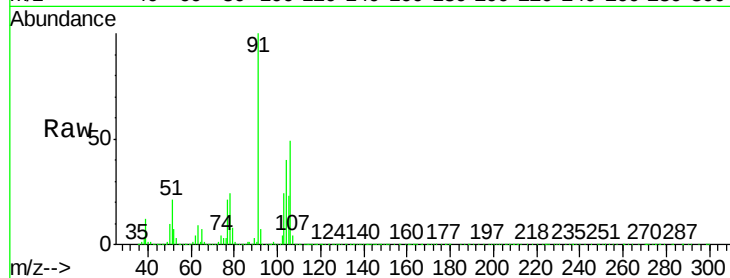
#69
o-Xylene
Concen: 19.977 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014666.D
Acq: 20 Jan 2020 11:09

Instrument :
MSVOA_X
ClientSampleId :
VX0120WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	207.5	105.1	315.1

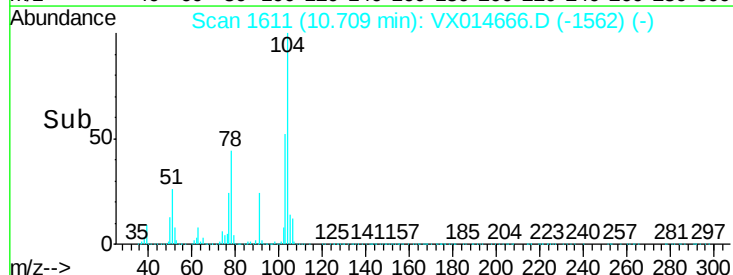
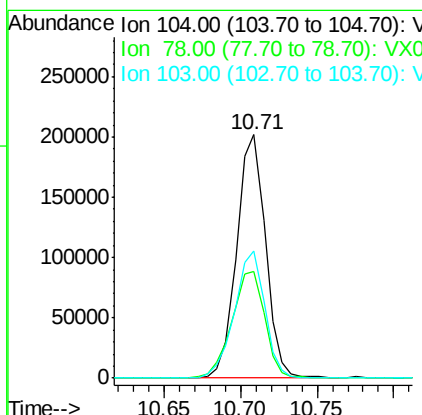
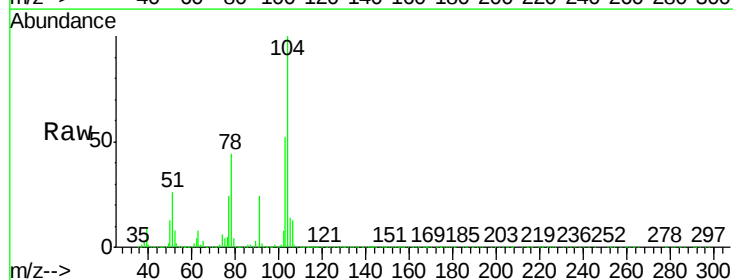
Manual Integrations
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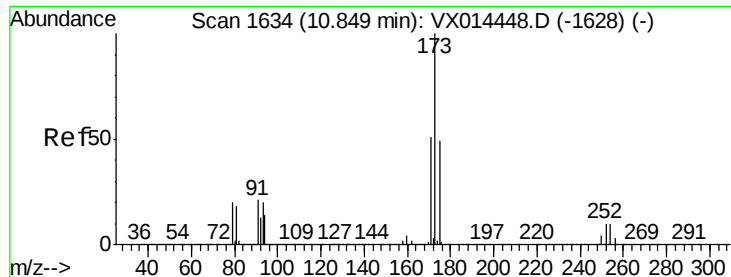
MMDadoda
1/21/2020 2:14:49 PM



#70
Styrene
Concen: 19.299 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014666.D
Acq: 20 Jan 2020 11:09

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.9	38.6	58.0
103	55.6	43.7	65.5





#71

Bromoform

Concen: 19.488 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VX014666.D

Acq: 20 Jan 2020 11:09

Instrument :

MSVOA_X

ClientSampleId :

VX0120WBS01

Tot Ion:173 Resp: 71859

Ion Ratio Lower Upper

173 100

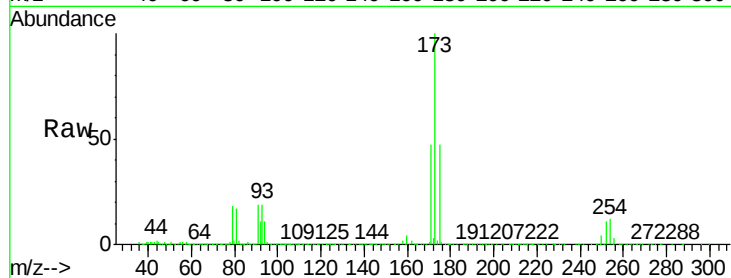
175 48.1 24.3 72.8

254 0.4 0.2 0.2#

Manual Integrations
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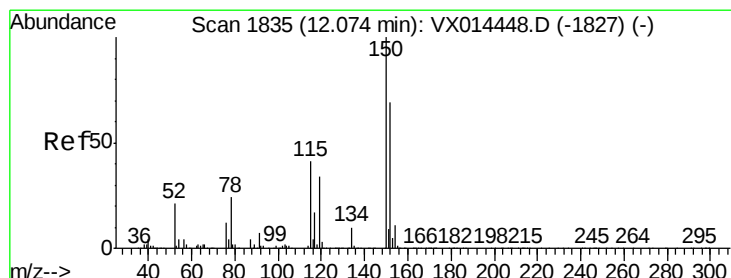
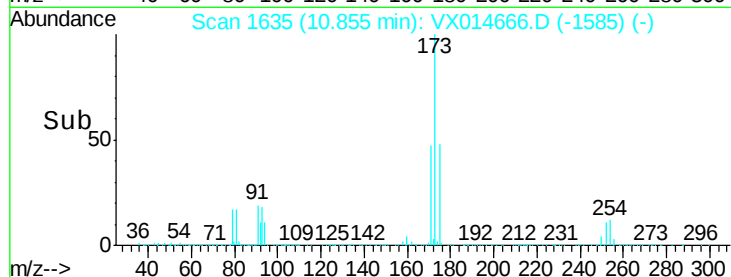
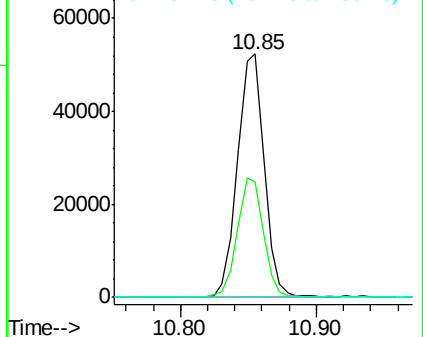
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014666.D

Acq: 20 Jan 2020 11:09

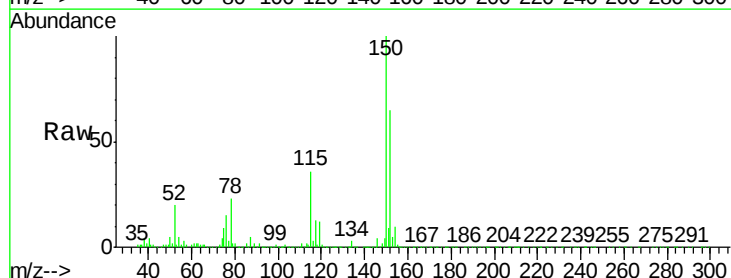
Tgt Ion:152 Resp: 293519

Ion Ratio Lower Upper

152 100

115 64.1 39.5 118.3

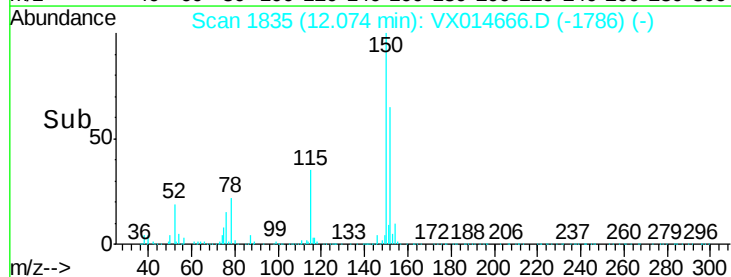
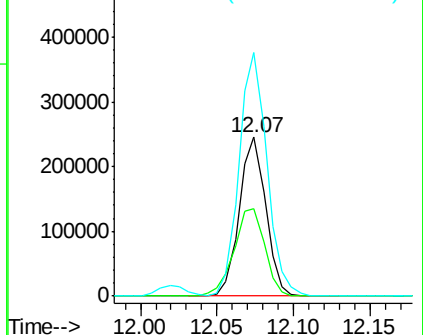
150 162.5 0.0 350.2

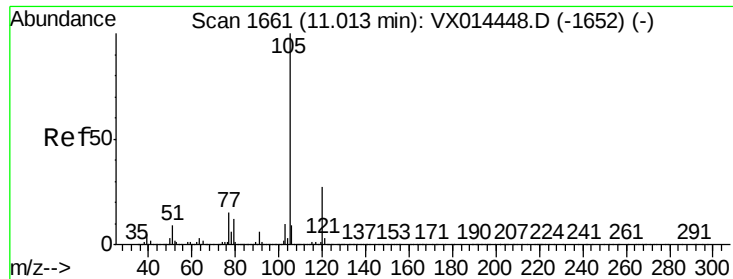


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.478 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014666.D

Acq: 20 Jan 2020 11:09

Instrument :

MSVOA_X

ClientSampleId :

VX0120WBS01

Tot Ion: 105 Resp: 422090

Ion Ratio Lower Upper

105 100

120 26.8

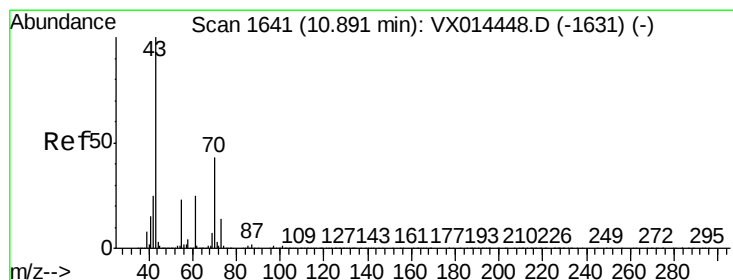
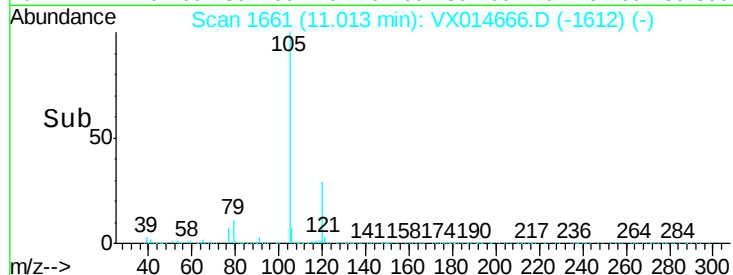
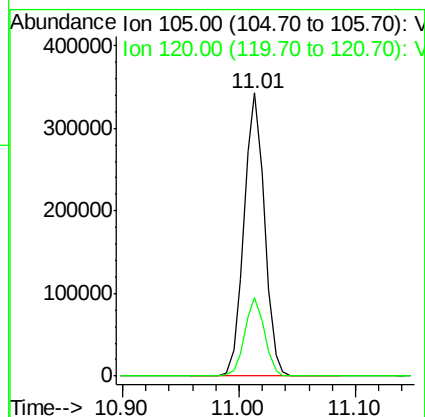
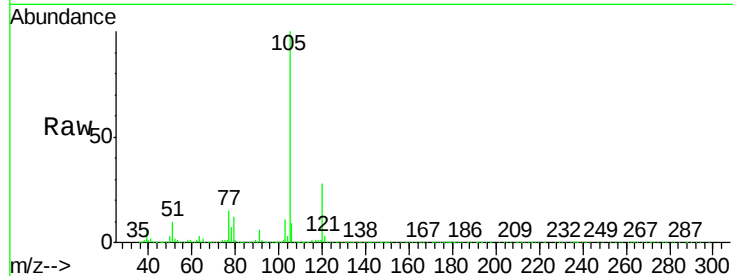
13.4

40.2

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#74

N-ethyl acetate

Concen: 20.210 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014666.D

Acq: 20 Jan 2020 11:09

Tgt Ion: 43 Resp: 183779

Ion Ratio Lower Upper

43 100

70 42.6

35.1

52.7

55 24.6

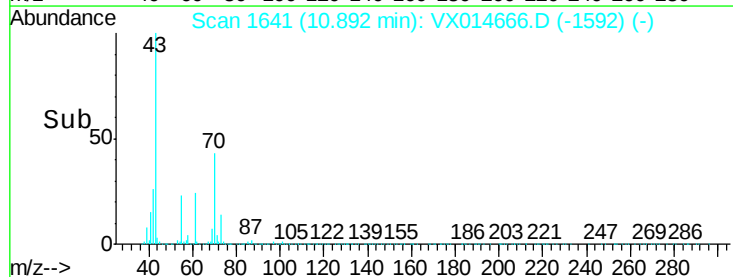
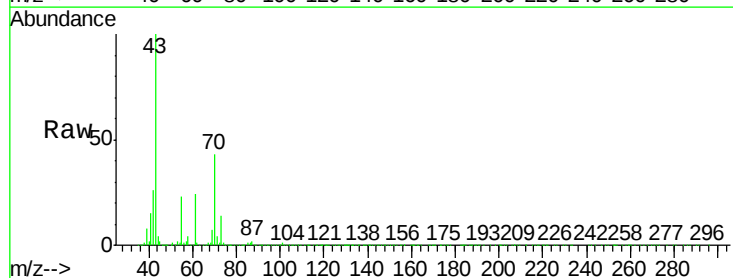
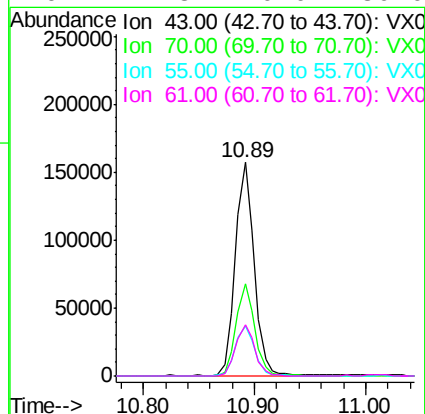
19.3

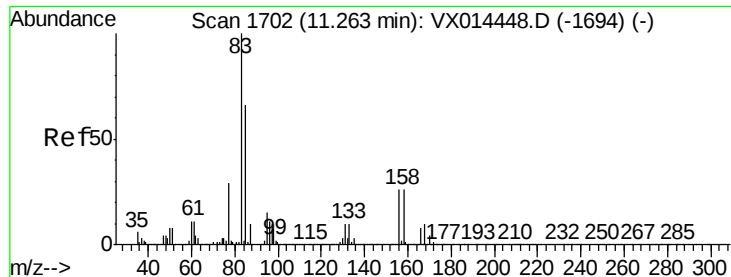
28.9

61 24.8

20.0

30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.060 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014666.D

Acq: 20 Jan 2020 11:09

Instrument :

MSVOA_X

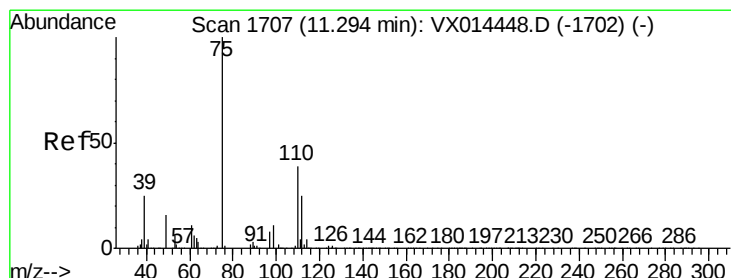
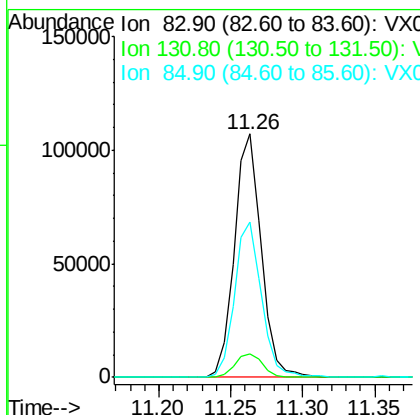
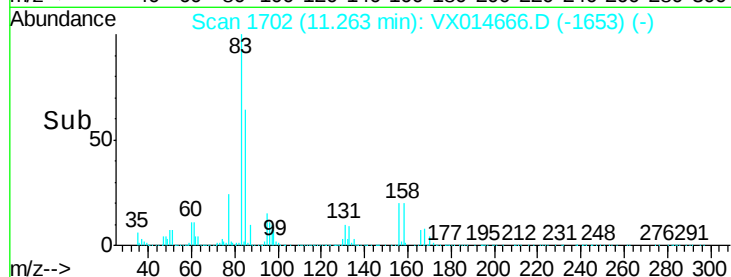
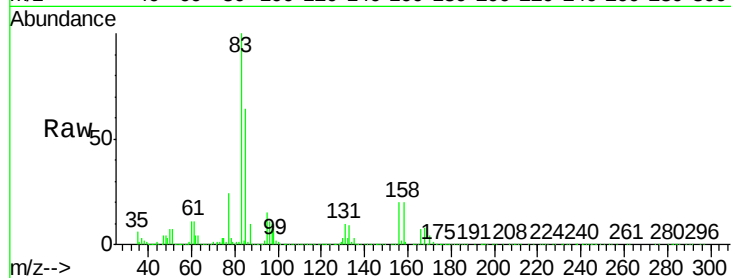
ClientSampled :

VX0120WBS01

Tot Ion:	83	Resp:	139203
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.1	15.4
85	64.0	32.5	97.4

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#76

1,2,3-Trichloropropane

Concen: 19.426 ug/l m

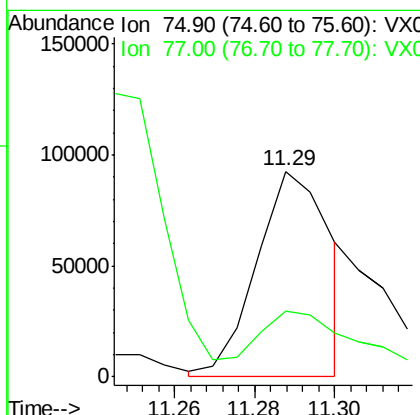
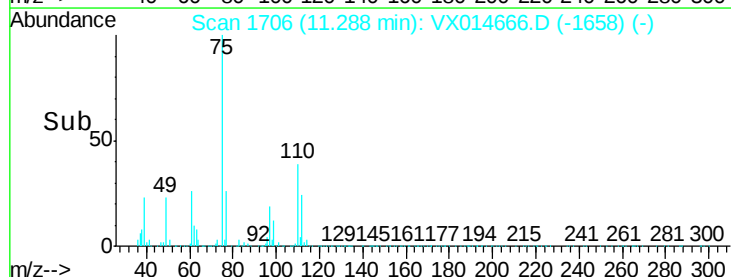
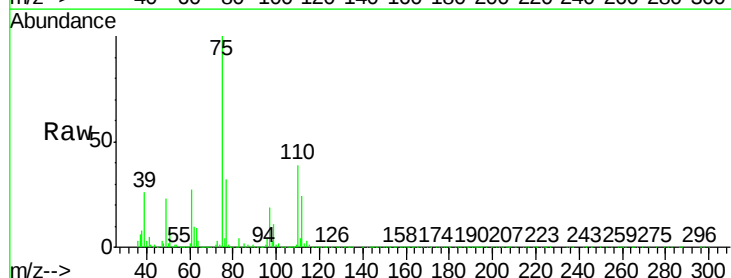
RT: 11.29 min Scan# 1706

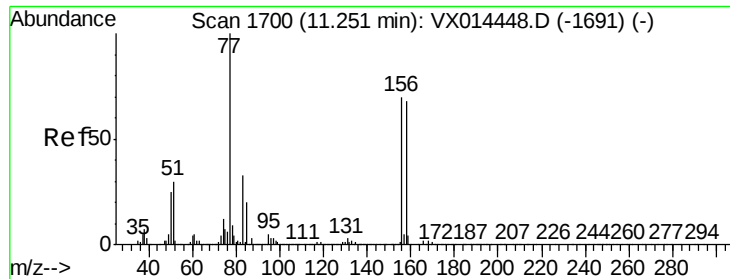
Delta R.T. -0.01 min

Lab File: VX014666.D

Acq: 20 Jan 2020 11:09

Tgt Ion:	75	Resp:	117971
Ion Ratio	Lower	Upper	
75	100		
77	44.6	21.9	65.7





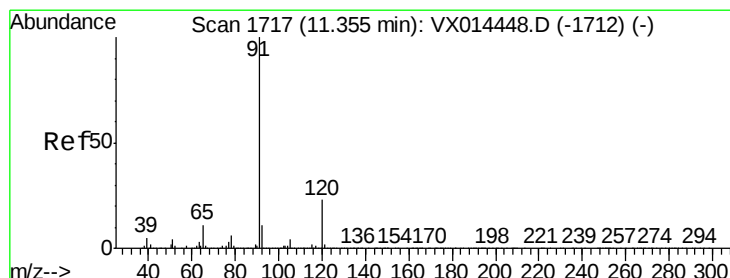
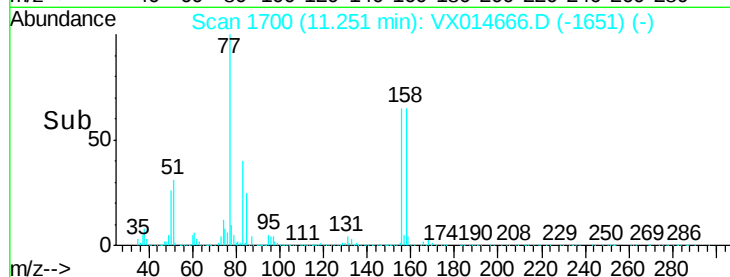
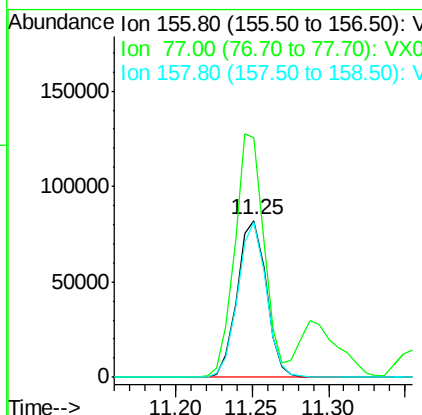
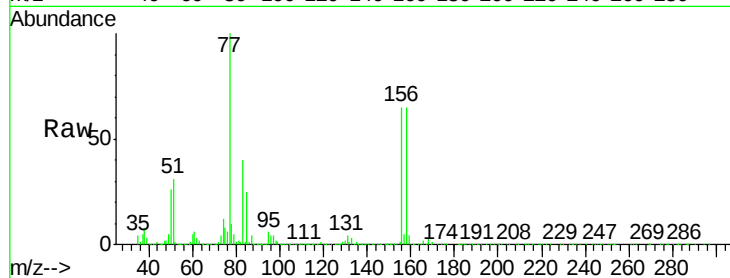
#77
Bromobenzene
Concen: 18.894 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VX014666.D
Acq: 20 Jan 2020 11:09

Instrument :
MSVOA_X
ClientSampleId :
VX0120WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	156.3	75.4	226.3
158	97.5	48.8	146.3

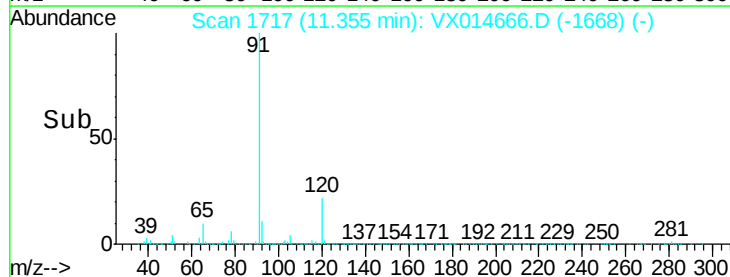
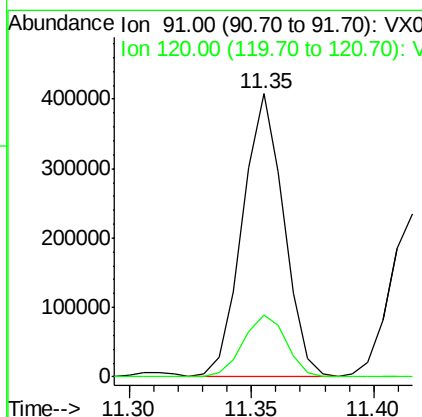
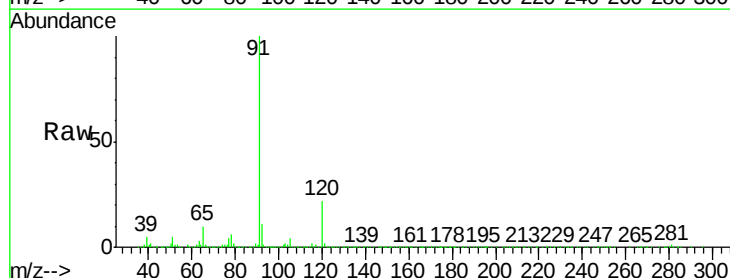
Manual Integrations
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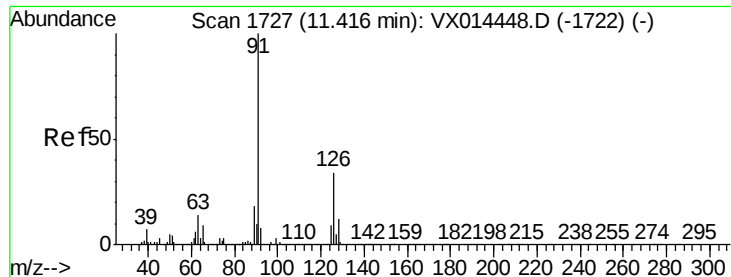
MMDadoda
1/21/2020 2:14:49 PM



#78
n-propylbenzene
Concen: 20.149 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VX014666.D
Acq: 20 Jan 2020 11:09

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.1	11.9	35.5





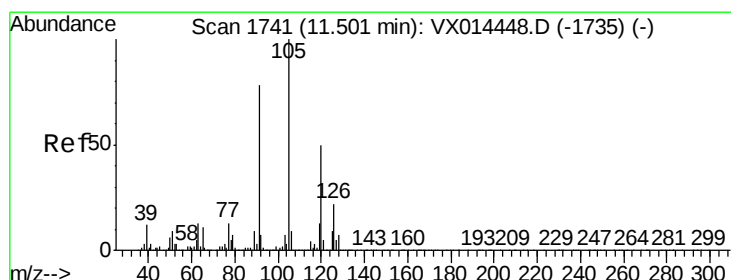
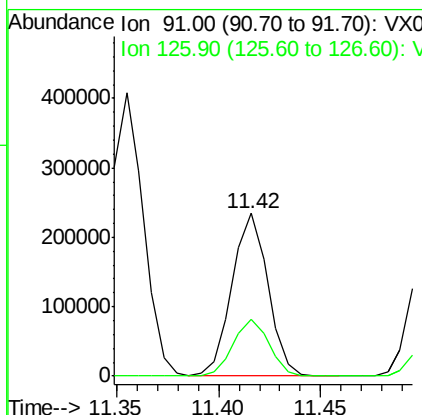
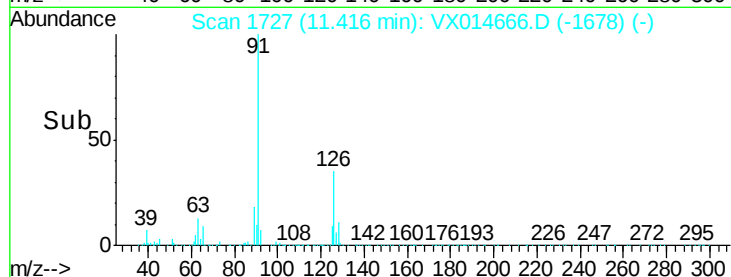
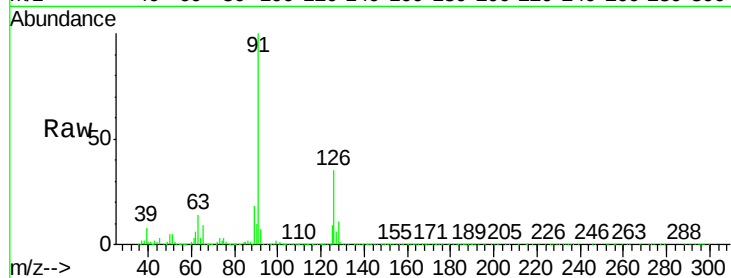
#79
2-Chlorotoluene
Concen: 20.270 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX014666.D
Acq: 20 Jan 2020 11:09

Instrument :
MSVOA_X
ClientSampleId :
VX0120WBS01

Tot Ion: 91 Resp: 285164
Ion Ratio Lower Upper
91 100
126 34.8 17.5 52.5

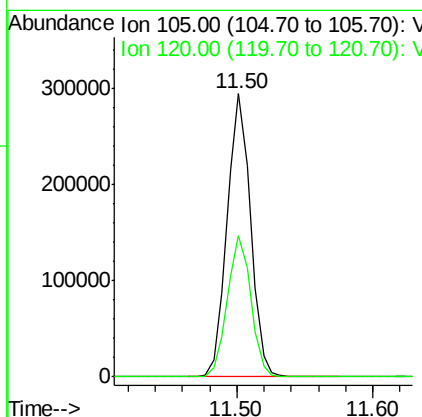
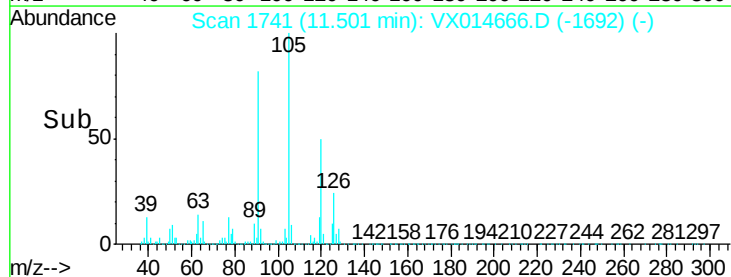
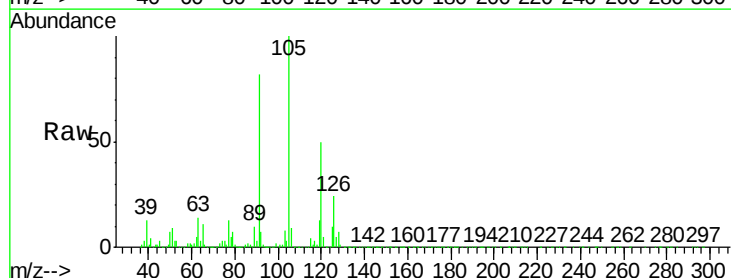
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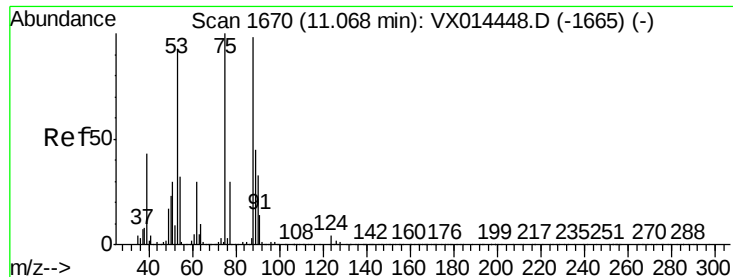
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#80
1,3,5-Trimethylbenzene
Concen: 20.428 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX014666.D
Acq: 20 Jan 2020 11:09

Tgt Ion: 105 Resp: 349562
Ion Ratio Lower Upper
105 100
120 50.2 25.2 75.6





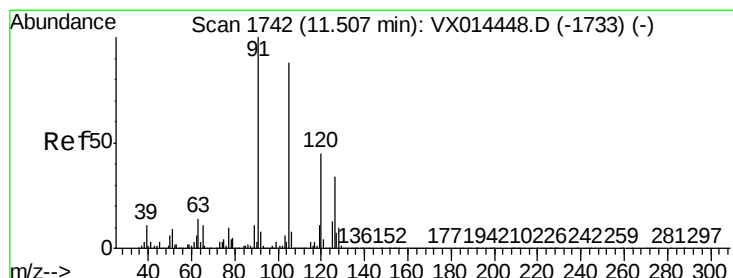
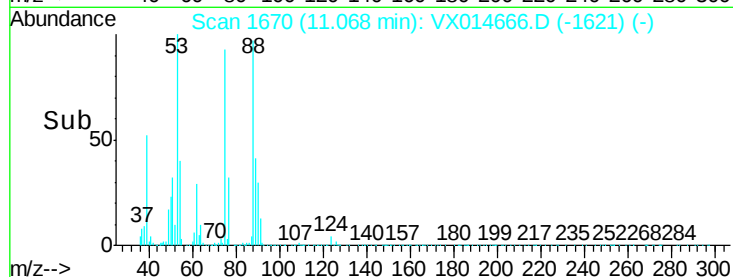
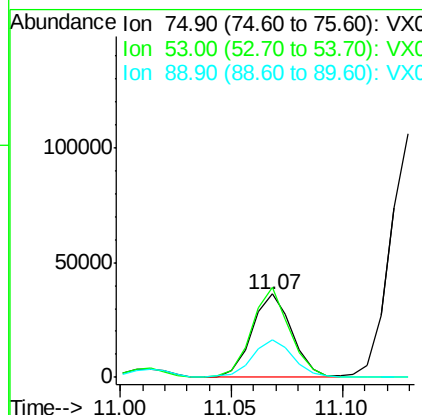
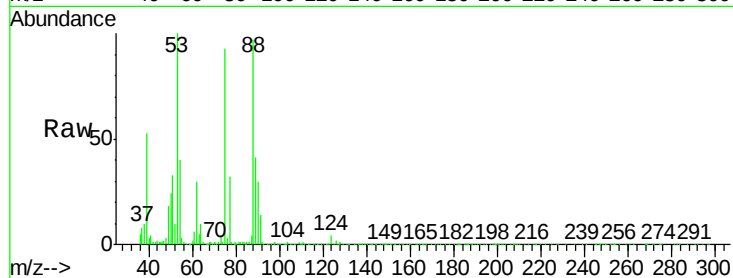
#81
trans-1,4-Dichloro-2-butene
Concen: 19.500 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014666.D
Acq: 20 Jan 2020 11:09

Instrument :
MSVOA_X
ClientSampled :
VX0120WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	104.7	74.8	112.2
89	47.5	36.3	54.5

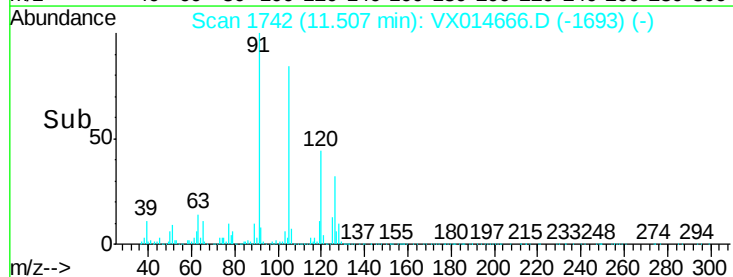
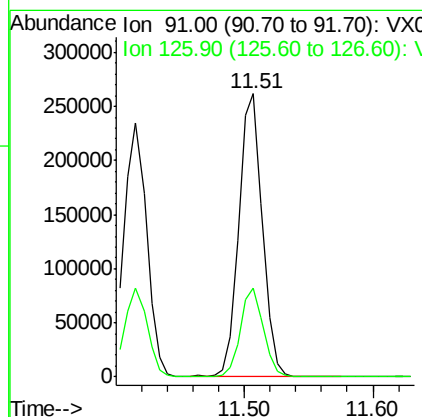
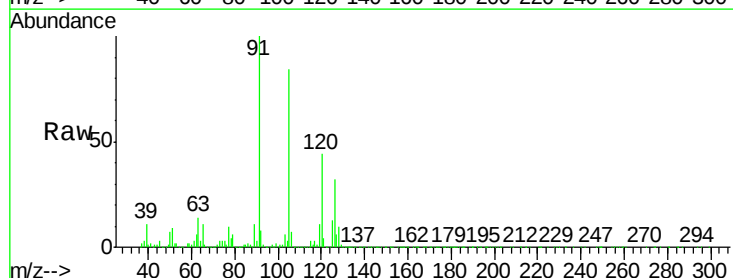
Manual Integrations
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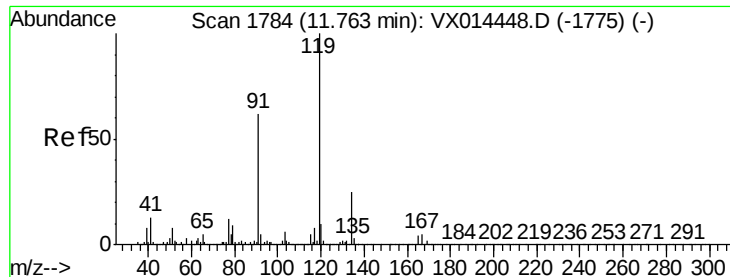
MMDadoda
1/21/2020 2:14:49 PM



#82
4-Chlorotoluene
Concen: 20.051 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014666.D
Acq: 20 Jan 2020 11:09

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.5	15.9	47.7





#83

tert-Butylbenzene

Concen: 20.615 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014666.D

Acq: 20 Jan 2020 11:09

Instrument :

MSVOA_X

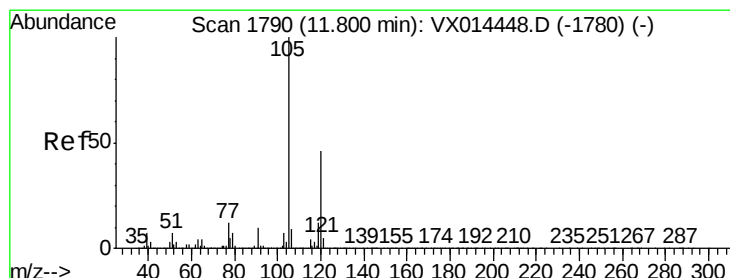
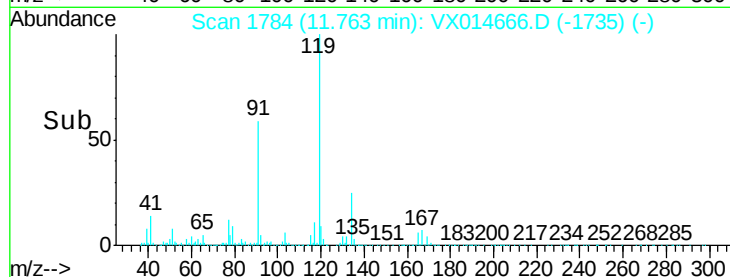
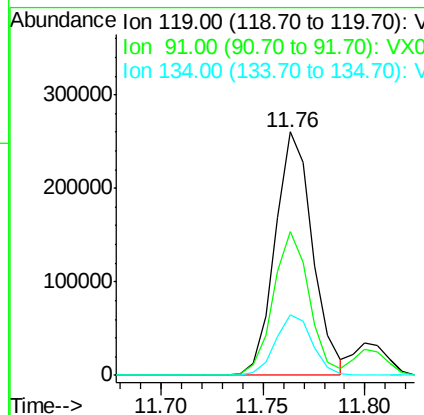
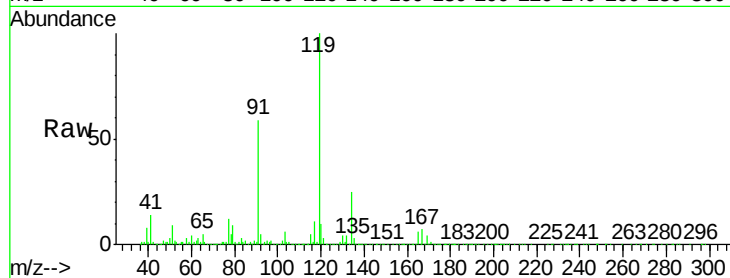
ClientSampleId :

VX0120WBS01

Tot Ion:	119	Resp:	333322
Ion Ratio	Lower	Upper	
119	100		
91	56.7	29.3	88.0
134	24.4	12.4	37.4

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 20.472 ug/l

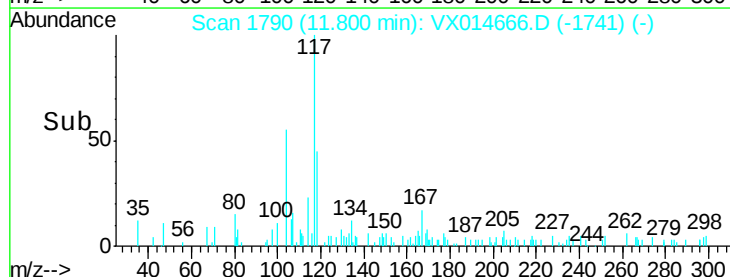
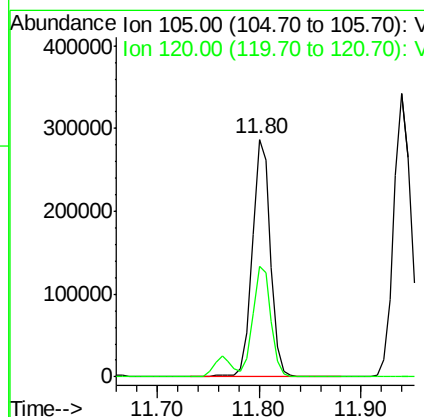
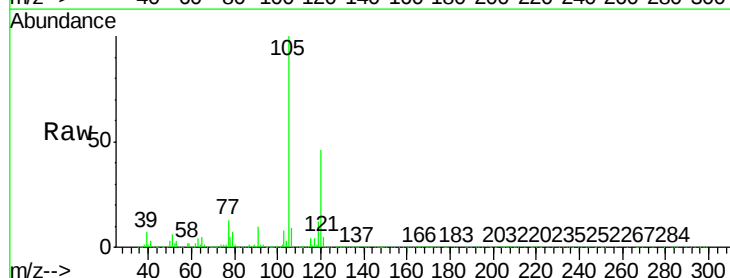
RT: 11.80 min Scan# 1790

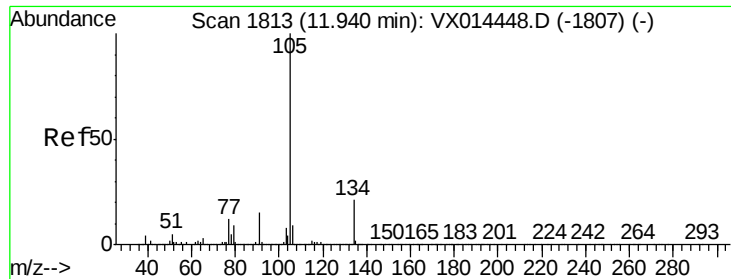
Delta R.T. 0.00 min

Lab File: VX014666.D

Acq: 20 Jan 2020 11:09

Tgt Ion:	105	Resp:	353980
Ion Ratio	Lower	Upper	
105	100		
120	46.2	23.1	69.3





#85

sec-Butylbenzene

Concen: 20.269 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014666.D

Acq: 20 Jan 2020 11:09

Instrument :

MSVOA_X

ClientSampleId :

VX0120WBS01

Tot Ion:105 Resp: 407405

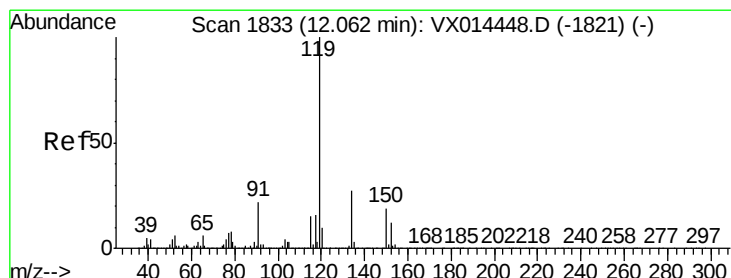
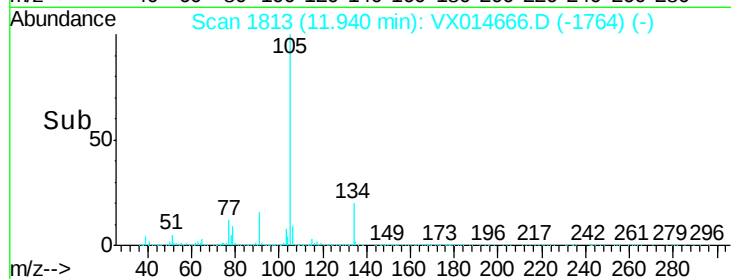
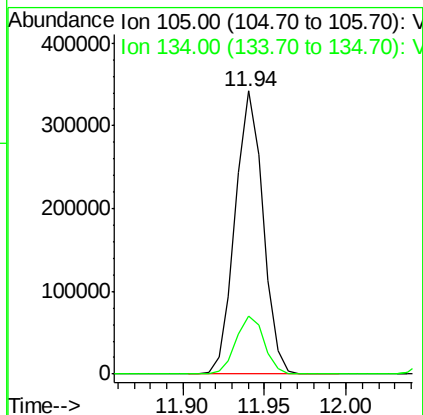
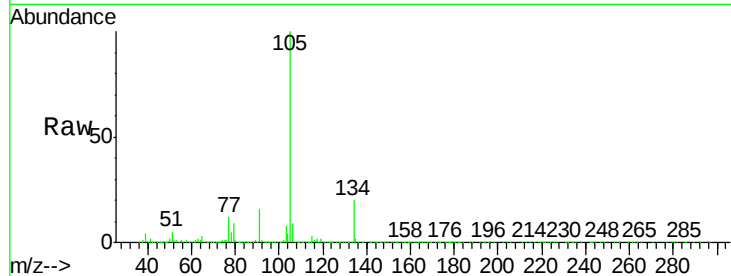
Ion Ratio Lower Upper

105 100

134 20.6 10.5 31.5

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#86

p-Isopropyltoluene

Concen: 20.031 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014666.D

Acq: 20 Jan 2020 11:09

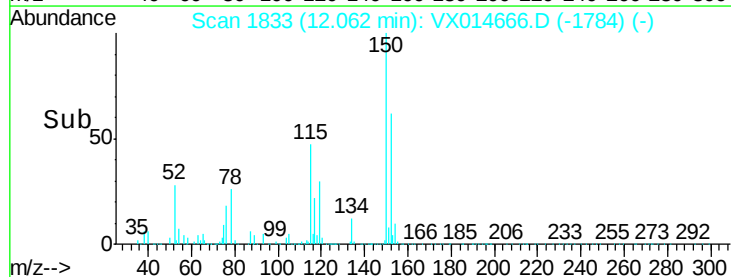
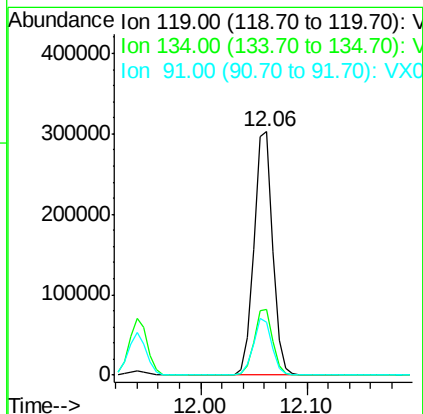
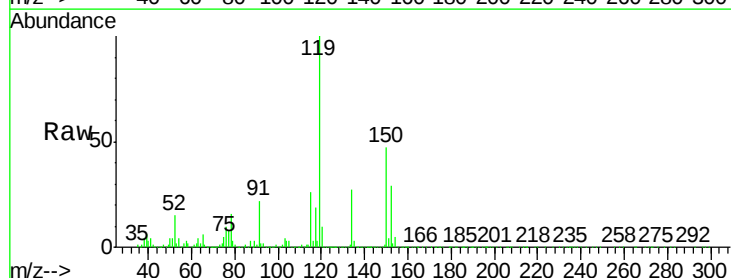
Tgt Ion:119 Resp: 373625

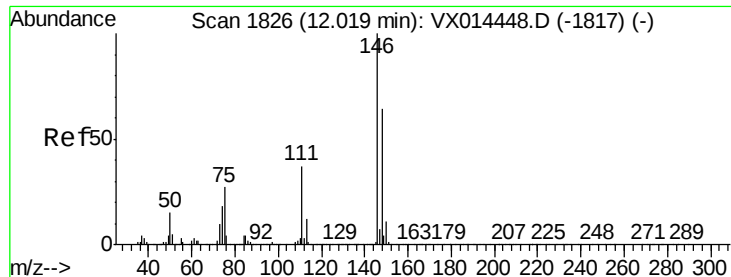
Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.4

91 22.9 11.1 33.3





#87

1,3-Dichlorobenzene

Concen: 18.952 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014666.D

Acq: 20 Jan 2020 11:09

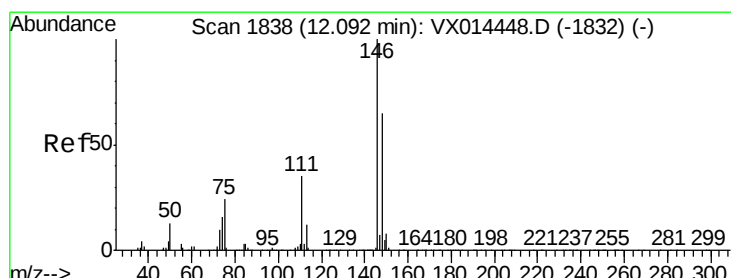
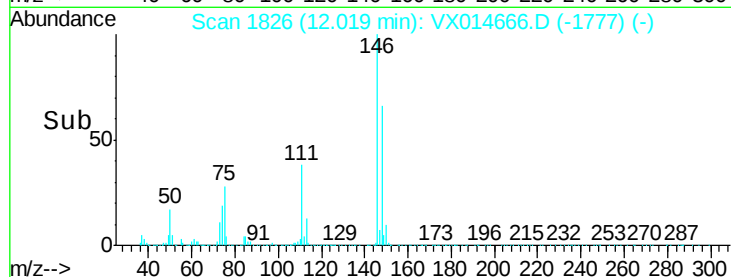
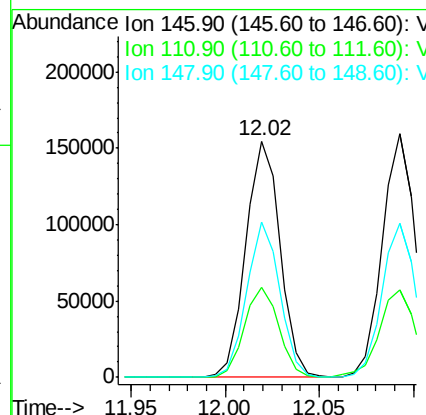
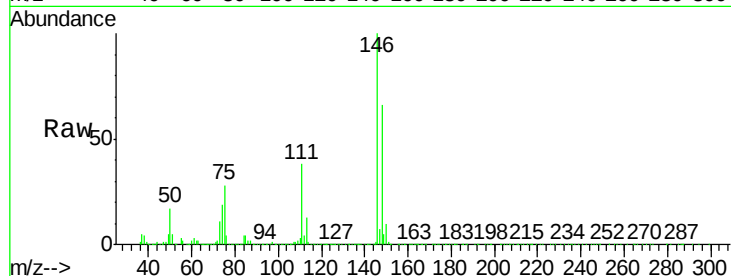
Instrument :
MSVOA_X

ClientSampleId :
VX0120WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.9	56.7
148	63.8	32.2	96.6

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 19.890 ug/l

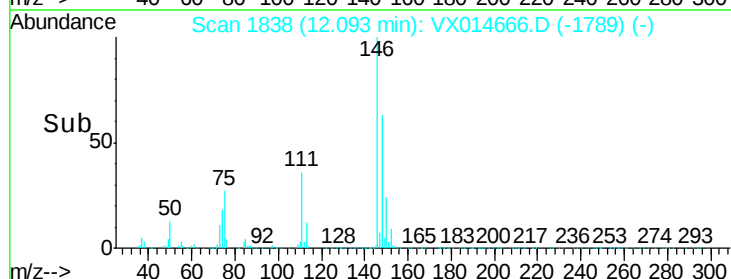
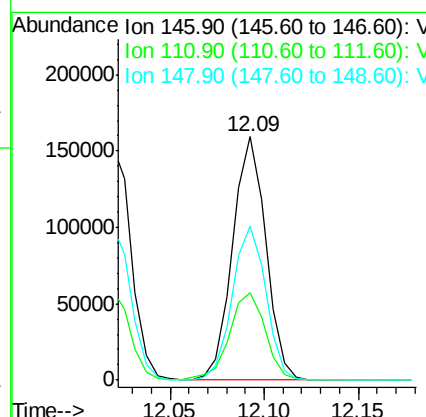
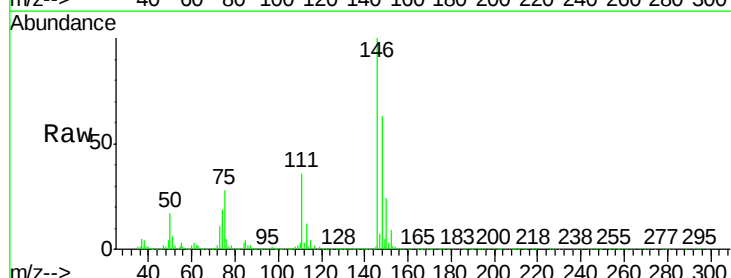
RT: 12.09 min Scan# 1838

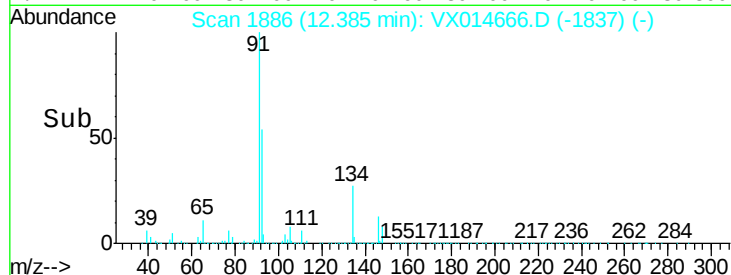
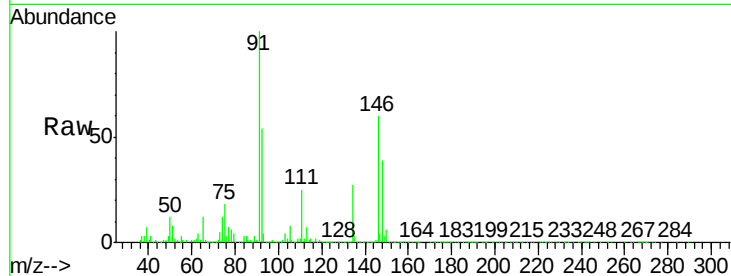
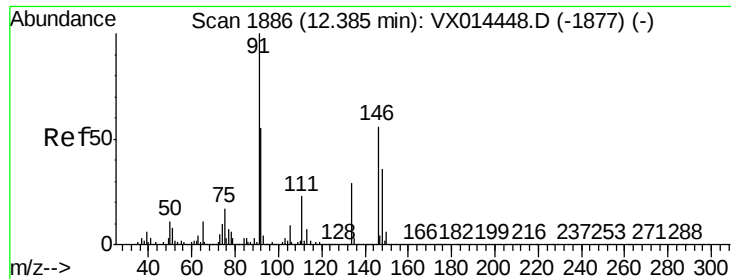
Delta R.T. 0.00 min

Lab File: VX014666.D

Acq: 20 Jan 2020 11:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	18.1	54.1
148	64.0	32.1	96.3





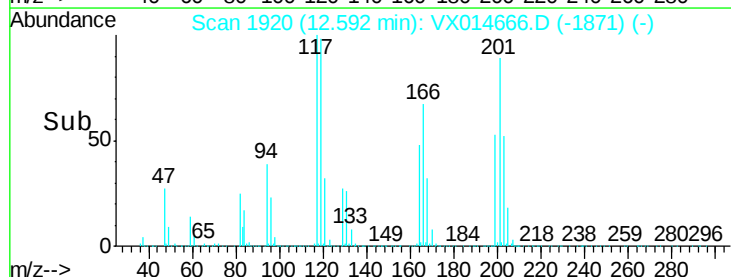
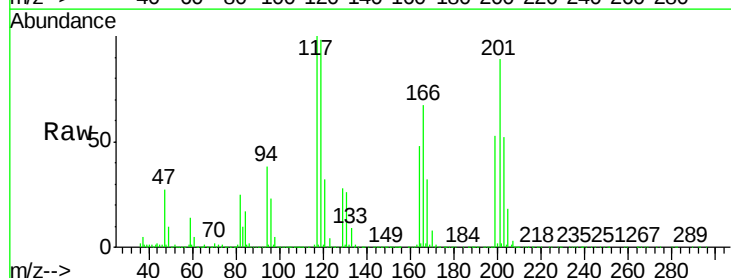
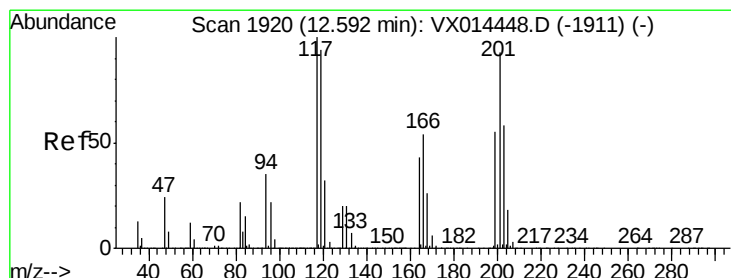
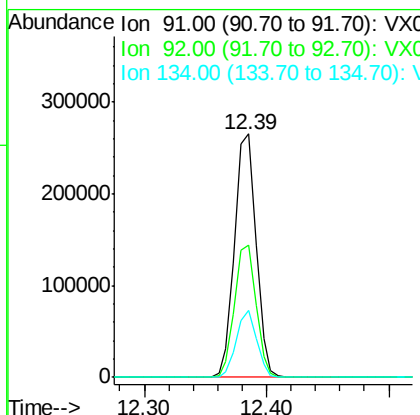
#89
n-Butylbenzene
Concen: 18.803 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014666.D
Acq: 20 Jan 2020 11:09

Tot Ion	Ratio	Resp	Lower	Upper
91	100	320662		
92	54.3		27.4	82.2
134	26.2		13.9	41.7

Instrument :
MSVOA_X
ClientSampleId :
VX0120WBS01

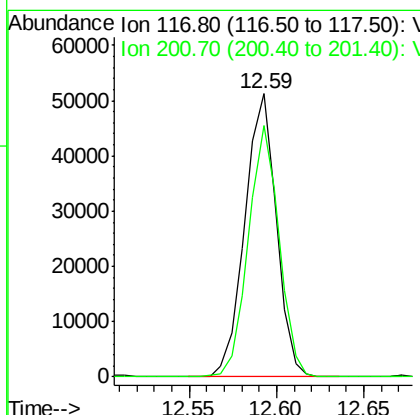
Manual Integrations
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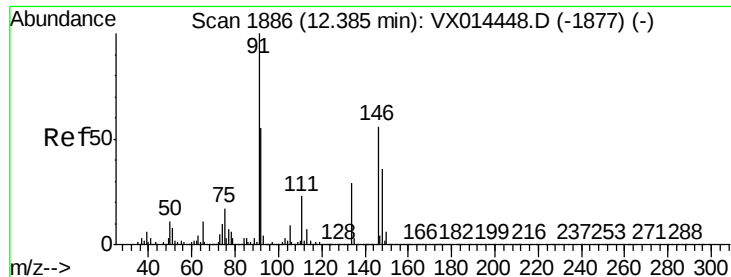
MMDadoda
1/21/2020 2:14:49 PM



#90
Hexachloroethane
Concen: 19.483 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014666.D
Acq: 20 Jan 2020 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	63833		
201	86.8		44.8	134.3





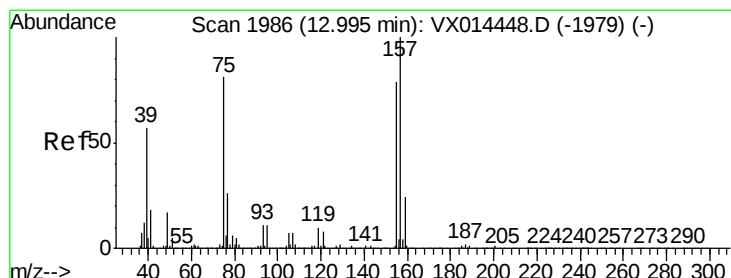
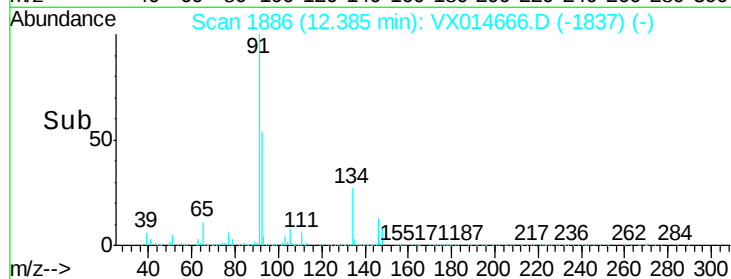
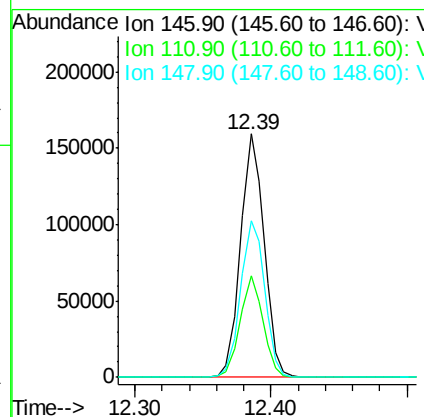
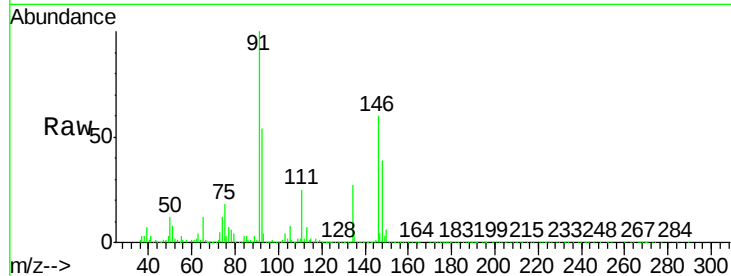
#91
 1,2-Dichlorobenzene
 Concen: 19.105 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014666.D
 Acq: 20 Jan 2020 11:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0120WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	192015		
111	41.0	19.8	59.4	
148	66.0	32.3	96.8	

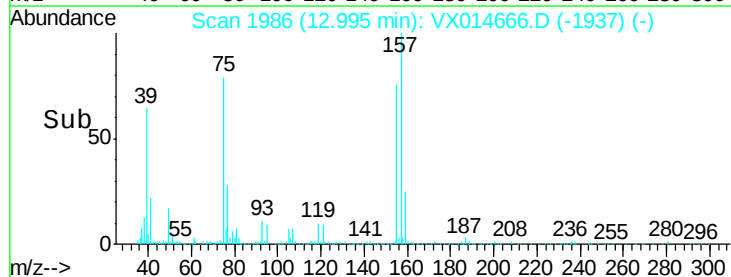
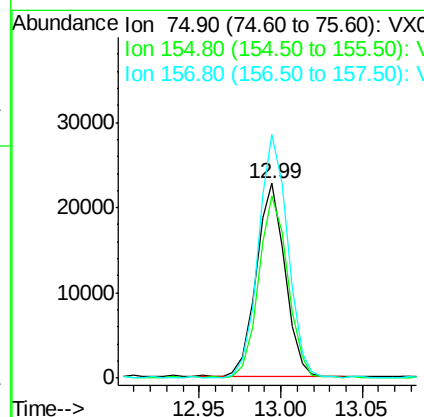
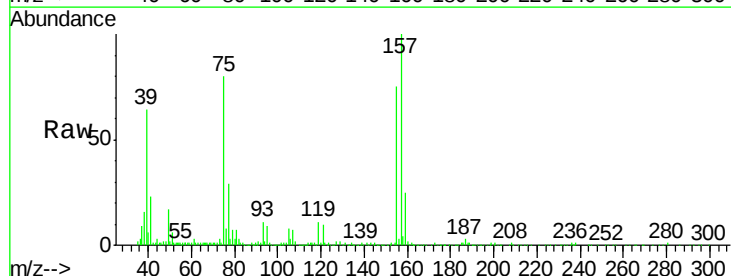
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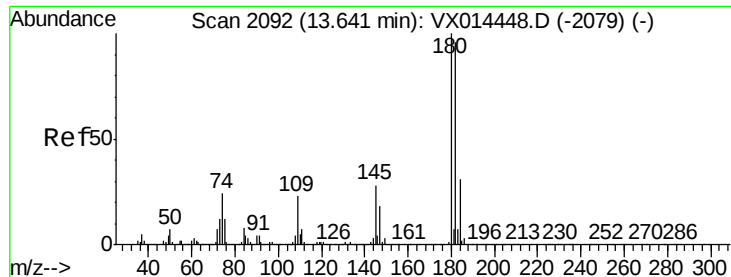
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.938 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014666.D
 Acq: 20 Jan 2020 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	28158		
155	96.4	48.7	146.1	
157	127.9	62.0	185.9	





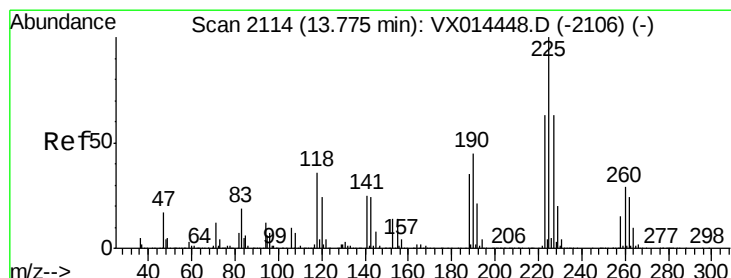
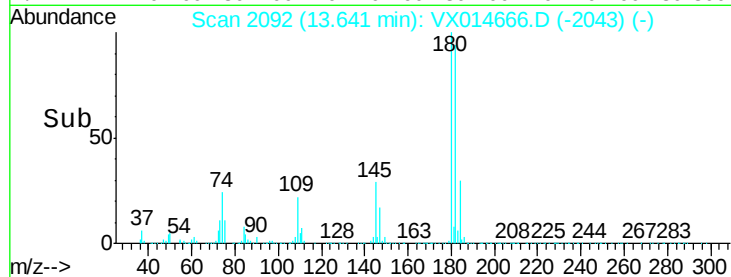
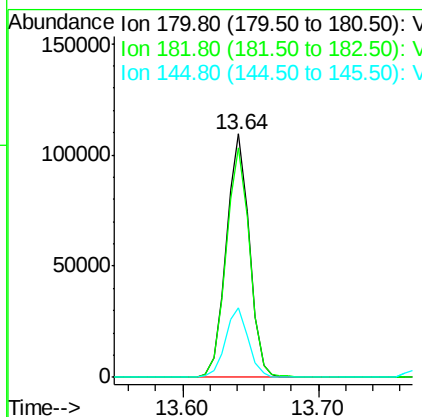
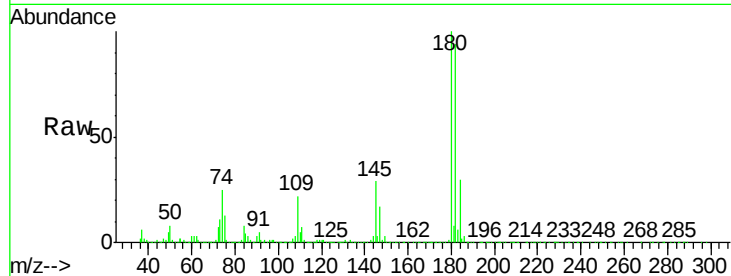
#93
1,2,4-Trichlorobenzene
Concen: 18.076 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX014666.D
Acq: 20 Jan 2020 11:09

Instrument :
MSVOA_X
ClientSampleId :
VX0120WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	128008		
182	96.3	47.5	142.5	
145	28.5	13.9	41.6	

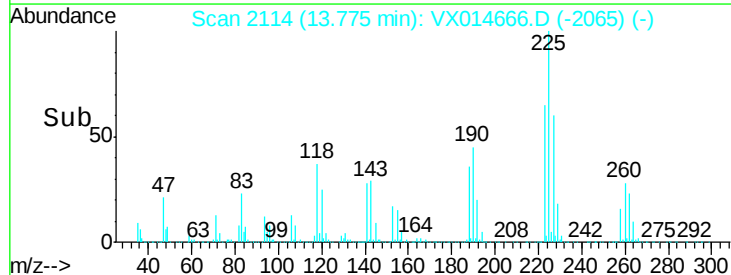
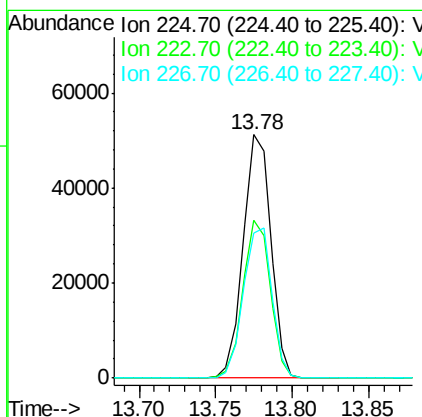
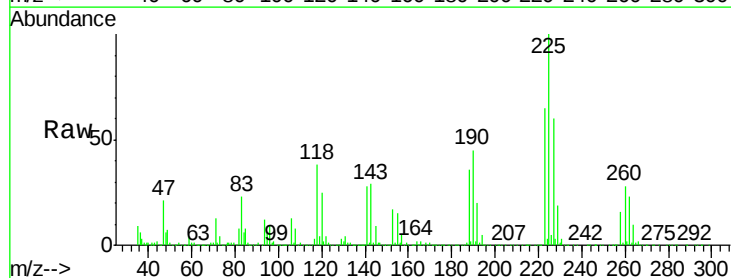
Manual Integrations
APPROVED

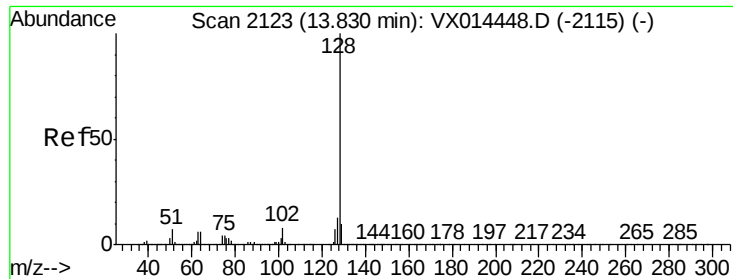
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#94
Hexachlorobutadiene
Concen: 19.632 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX014666.D
Acq: 20 Jan 2020 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	64736		
223	64.1	31.1	93.2	
227	63.3	31.4	94.2	





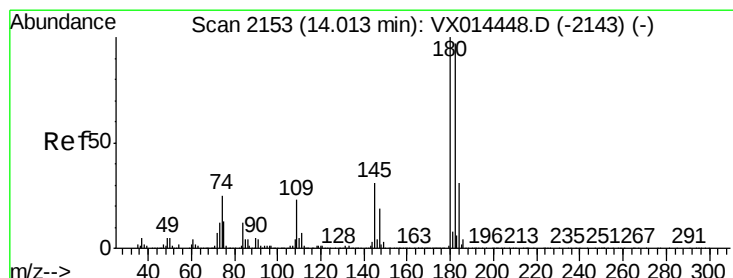
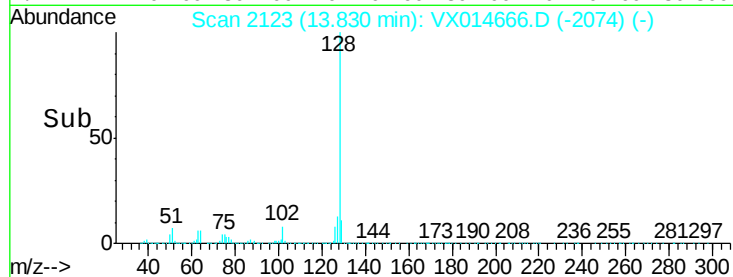
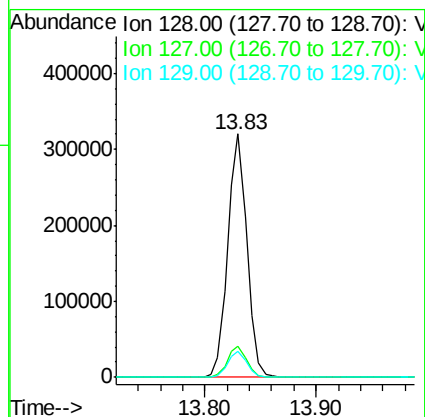
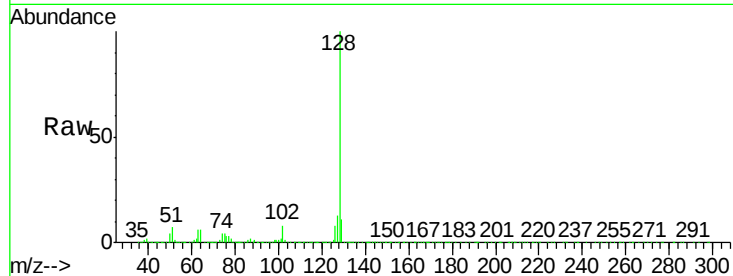
#95
Naphthalene
Concen: 17.392 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014666.D
Acq: 20 Jan 2020 11:09

Instrument :
MSVOA_X
ClientSampled :
VX0120WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.6	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.027 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014666.D
Acq: 20 Jan 2020 11:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.9	143.6
145	29.4	14.8	44.3

