

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021820\
 Data File : VX014949.D
 Acq On : 18 Feb 2020 11:05
 Operator : JC/SP
 Sample : VX0218WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0218WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/19/2020 12:14:44 PM

Quant Time: Feb 19 00:25:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	467378	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	685205	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	634894	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	330353	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	259606	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
35) Dibromofluoromethane	5.49	113	211084	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	
50) Toluene-d8	8.71	98	800577	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
62) 4-Bromofluorobenzene	11.13	95	288548	49.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	84864	19.173	ug/l	100
3) Chloromethane	1.32	50	93973	18.727	ug/l	100
4) Vinyl Chloride	1.40	62	98008	18.130	ug/l	99
5) Bromomethane	1.64	94	65684	18.772	ug/l	98
6) Chloroethane	1.72	64	64654	18.692	ug/l	97
7) Trichlorofluoromethane	1.93	101	142146	18.820	ug/l	97
8) Diethyl Ether	2.18	74	59921	19.132	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	82766	18.879	ug/l	99
10) Methyl Iodide	2.50	142	85027	20.246	ug/l	99
11) Tert butyl alcohol	3.02	59	94019	100.952	ug/l	98
12) 1,1-Dichloroethene	2.37	96	77925	18.190	ug/l	98
13) Acrolein	2.28	56	48821	68.779	ug/l	100
14) Allyl chloride	2.72	41	136291	17.944	ug/l	100
15) Acrylonitrile	3.13	53	229121	97.045	ug/l	99
16) Acetone	2.43	43	261073	84.924	ug/l	100
17) Carbon Disulfide	2.56	76	202546	16.922	ug/l	99
18) Methyl Acetate	2.76	43	109413	20.596	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	264488	18.970	ug/l	98
20) Methylene Chloride	2.85	84	89732	17.684	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	84902	17.961	ug/l	97
22) Diisopropyl ether	3.84	45	278394	19.191	ug/l	94
23) Vinyl Acetate	3.80	43	1176346	98.370	ug/l	99
24) 1,1-Dichloroethane	3.69	63	151727	18.532	ug/l	99
25) 2-Butanone	4.65	43	341452	95.085	ug/l	99
26) 2,2-Dichloropropane	4.58	77	130352	18.475	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	96268	18.219	ug/l	99
28) Bromochloromethane	5.00	49	63846	20.119	ug/l	98
29) Tetrahydrofuran	5.11	42	199011	97.489	ug/l	98
30) Chloroform	5.20	83	153529	18.901	ug/l	98
31) Cyclohexane	5.57	56	133763	17.938	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	133978	18.856	ug/l	99
36) 1,1-Dichloropropene	5.79	75	117399	19.154	ug/l	99
37) Ethyl Acetate	4.82	43	123195	19.271	ug/l	99
38) Carbon Tetrachloride	5.78	117	113794	19.051	ug/l	98

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Manual Integrations
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Quant Time: Feb 19 00:25:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	143904	18.773	ug/l	99
40) Benzene	6.13	78	349791	19.100	ug/l	97
41) Methacrylonitrile	5.03	41	68303	19.833	ug/l	98
42) 1,2-Dichloroethane	6.18	62	127323	19.236	ug/l	98
43) Isopropyl Acetate	6.43	43	203008	19.250	ug/l	100
44) Trichloroethene	7.20	130	97708	18.379	ug/l	96
45) 1,2-Dichloropropane	7.51	63	88301	18.906	ug/l	97
46) Dibromomethane	7.65	93	60408	18.922	ug/l	98
47) Bromodichloromethane	7.89	83	118162	18.667	ug/l	97
48) Methyl methacrylate	7.76	41	100743	19.411	ug/l	99
49) 1,4-Dioxane	7.73	88	40815	420.619	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	638690	100.300	ug/l	100
52) Toluene	8.78	92	219653	18.884	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	128224	18.483	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	143933	18.781	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	92011	19.552	ug/l	98
56) Ethyl methacrylate	9.17	69	135232	19.118	ug/l	99
57) 1,3-Dichloropropane	9.36	76	150805	19.037	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	337456	91.222	ug/l	100
59) 2-Hexanone	9.48	43	498764	99.650	ug/l	100
60) Dibromochloromethane	9.57	129	96931	19.140	ug/l	99
61) 1,2-Dibromoethane	9.67	107	95427	18.794	ug/l	97
64) Tetrachloroethene	9.33	164	101621	17.119	ug/l	98
65) Chlorobenzene	10.14	112	241472	18.752	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	91189	19.505	ug/l	98
67) Ethyl Benzene	10.25	91	412743	18.846	ug/l	100
68) m/p-Xylenes	10.35	106	318843	37.792	ug/l	100
69) o-Xylene	10.70	106	154255	19.020	ug/l	99
70) Styrene	10.71	104	255752	18.641	ug/l	99
71) Bromoform	10.85	173	73418	18.814	ug/l #	100
73) Isopropylbenzene	11.01	105	412313	19.902	ug/l	100
74) N-amyl acetate	10.89	43	169710	19.716	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	133512	19.715	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	113256m	18.959	ug/l	
77) Bromobenzene	11.25	156	109378	18.916	ug/l	99
78) n-propylbenzene	11.35	91	463685	19.352	ug/l	100
79) 2-Chlorotoluene	11.42	91	276934	19.660	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	349835	20.210	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	43820	18.776	ug/l	97
82) 4-Chlorotoluene	11.51	91	319035	19.125	ug/l	99
83) tert-Butylbenzene	11.76	119	344048	20.989	ug/l	95
84) 1,2,4-Trimethylbenzene	11.80	105	347525	19.922	ug/l	99
85) sec-Butylbenzene	11.94	105	402763	19.779	ug/l	100
86) p-Isopropyltoluene	12.06	119	376448	19.755	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	196490	18.942	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	194379	18.350	ug/l	99
89) n-Butylbenzene	12.38	91	313305	18.358	ug/l	99
90) Hexachloroethane	12.59	117	65041	19.545	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	192604	18.933	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	29630	18.650	ug/l	100

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ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VX0218WBS01

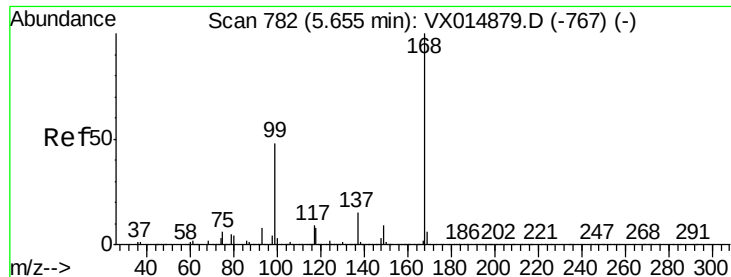
Manual Integrations
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2/19/2020 12:14:44 PM

Quant Time: Feb 19 00:25:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 10 12:09:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	136779	18.216	ug/l	97
94) Hexachlorobutadiene	13.77	225	68851	18.958	ug/l	99
95) Naphthalene	13.83	128	393189	19.695	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	136408	18.804	ug/l	98

(#) = 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: VX014949.D

Acq: 18 Feb 2020 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0218WBS01

Tot Ion:168 Resp: 467378

Ion Ratio Lower Upper

168 100

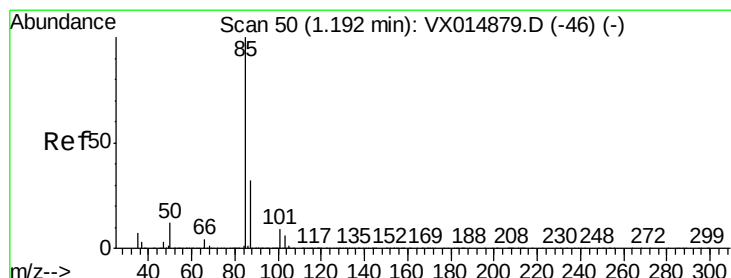
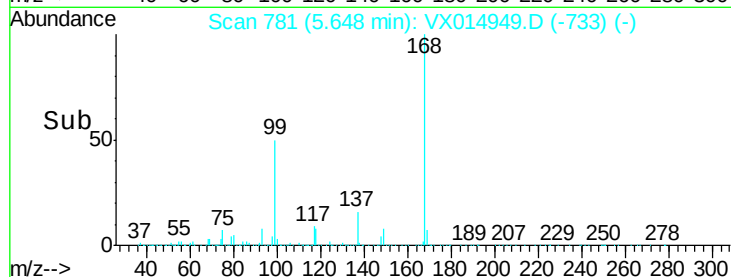
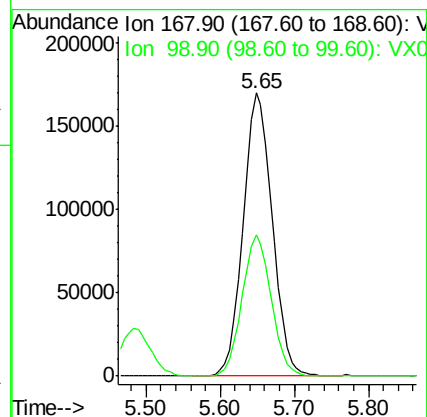
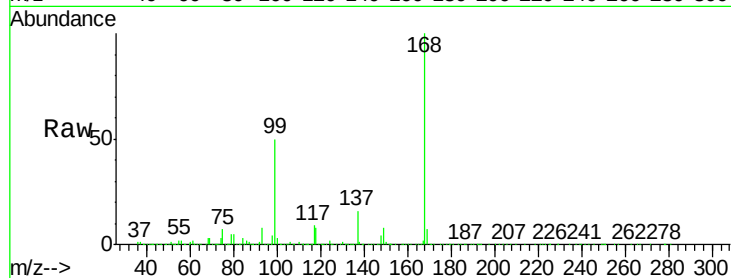
99 49.6 38.7 58.1

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 19.173 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX014949.D

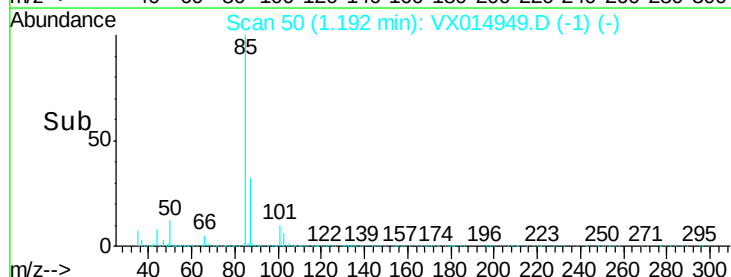
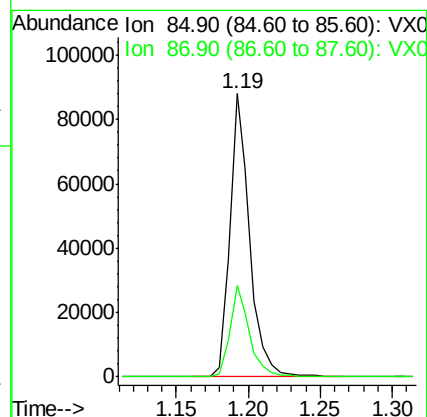
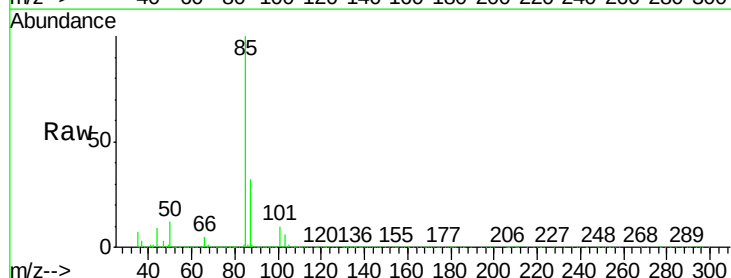
Acq: 18 Feb 2020 11:05

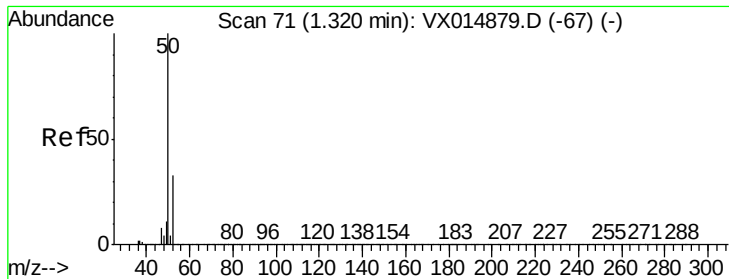
Tgt Ion: 85 Resp: 84864

Ion Ratio Lower Upper

85 100

87 32.0 16.1 48.2





#3

Chloromethane

Concen: 18.727 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX014949.D

Acq: 18 Feb 2020 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0218WBS01

Tot Ion: 50 Resp: 93973

Ion Ratio Lower Upper

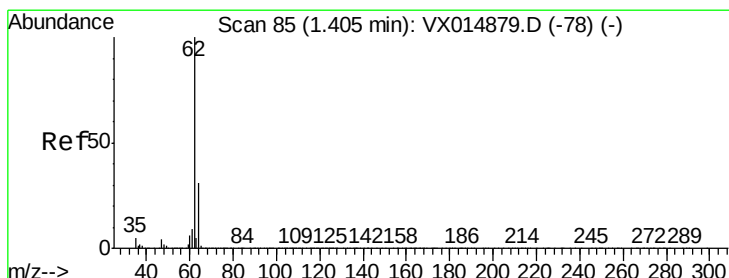
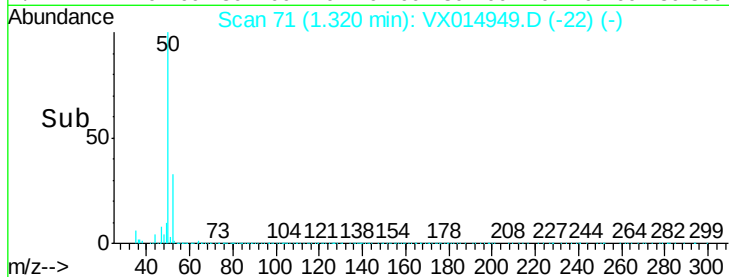
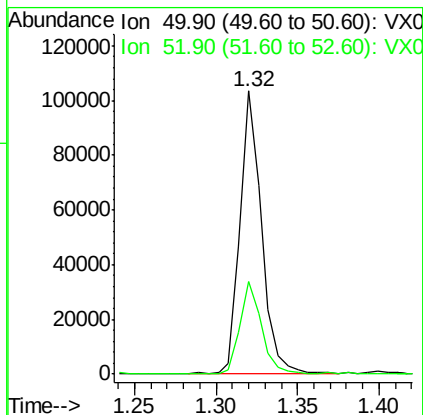
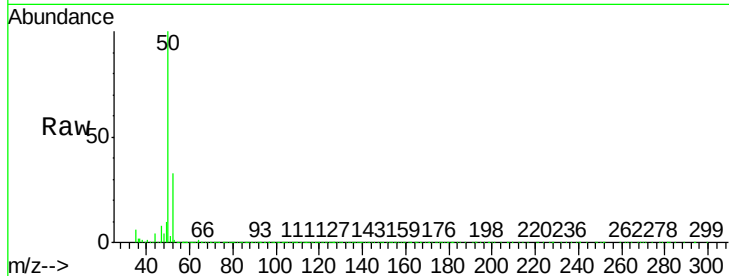
50 100

52 32.5 26.2 39.2

Manual Integrations
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2/19/2020 12:14:44 PM



#4

Vinyl Chloride

Concen: 18.130 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.01 min

Lab File: VX014949.D

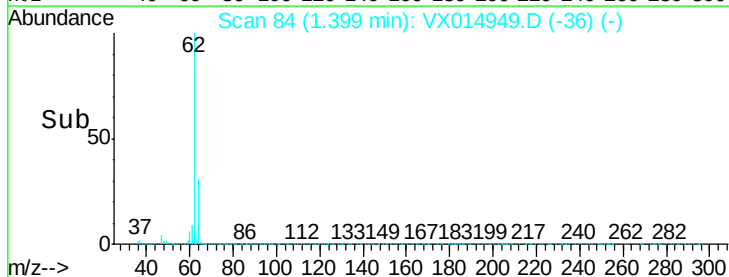
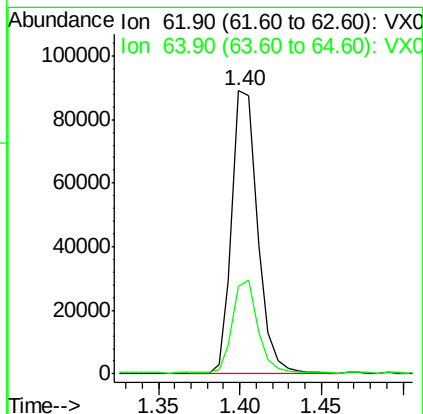
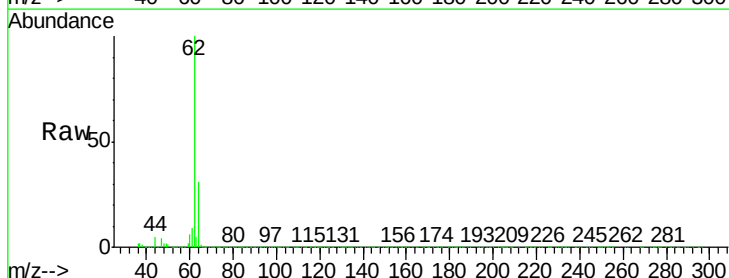
Acq: 18 Feb 2020 11:05

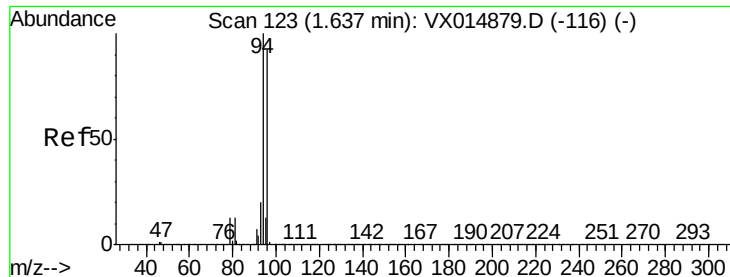
Tgt Ion: 62 Resp: 98008

Ion Ratio Lower Upper

62 100

64 30.3 24.8 37.2





#5

Bromomethane

Concen: 18.772 ug/l

RT: 1.64 min Scan# 123

Delta R.T. -0.00 min

Lab File: VX014949.D

Acq: 18 Feb 2020 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0218WBS01

Tot Ion: 94 Resp: 65684

Ion Ratio Lower Upper

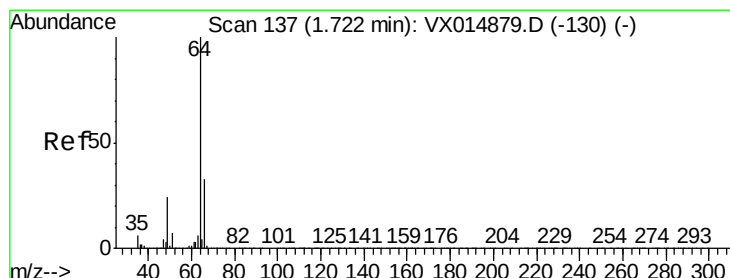
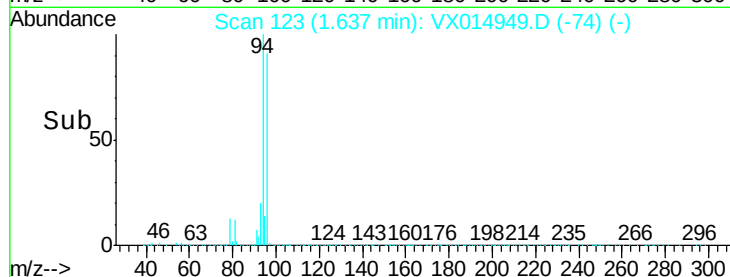
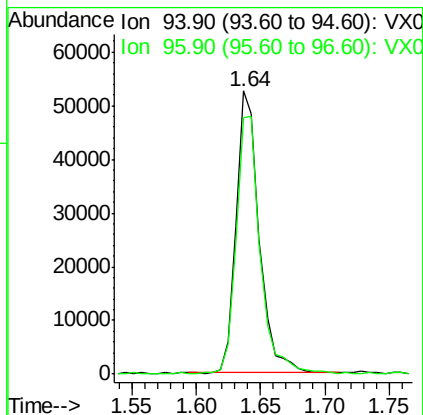
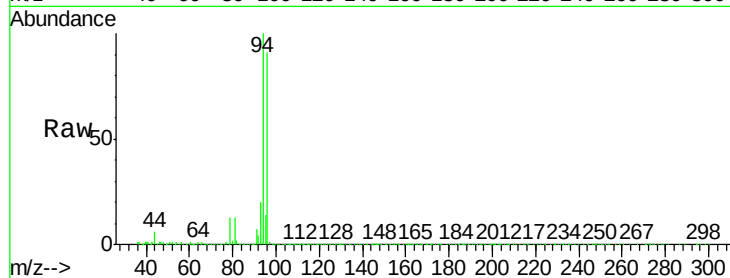
94 100

96 90.5 73.7 110.5

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#6

Chloroethane

Concen: 18.692 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.00 min

Lab File: VX014949.D

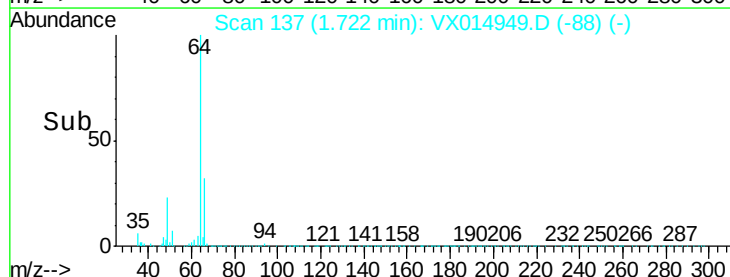
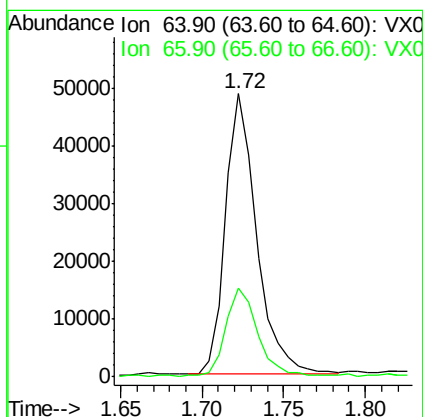
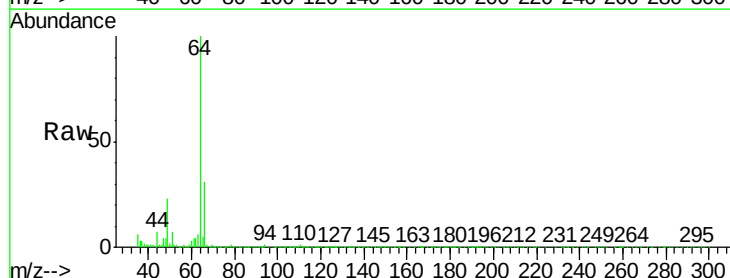
Acq: 18 Feb 2020 11:05

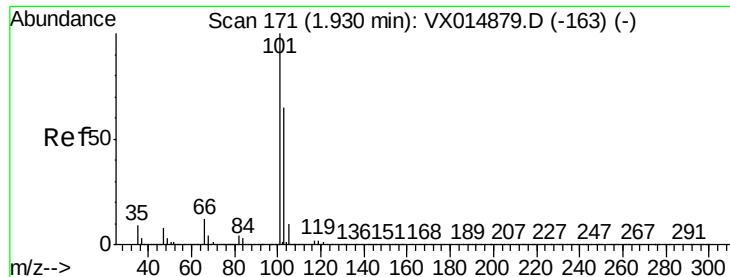
Tgt Ion: 64 Resp: 64654

Ion Ratio Lower Upper

64 100

66 31.1 26.2 39.4





#7

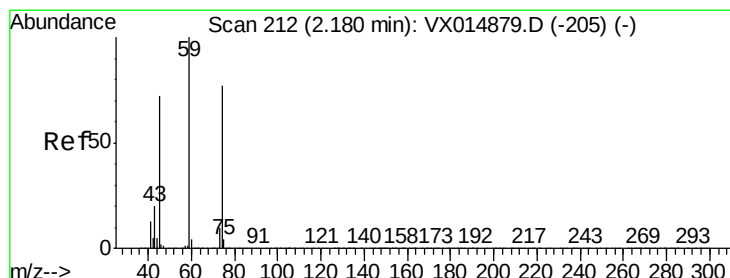
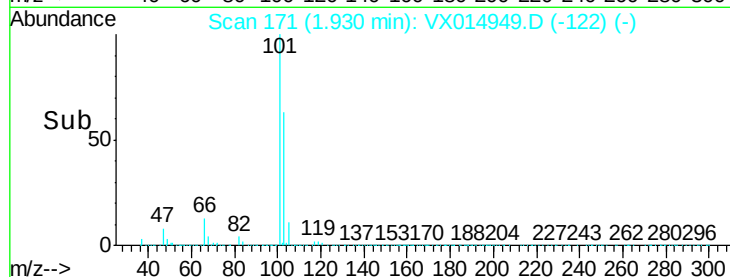
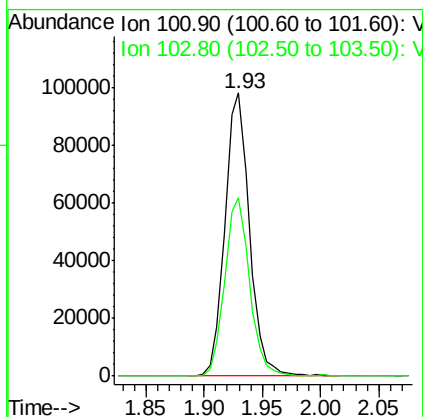
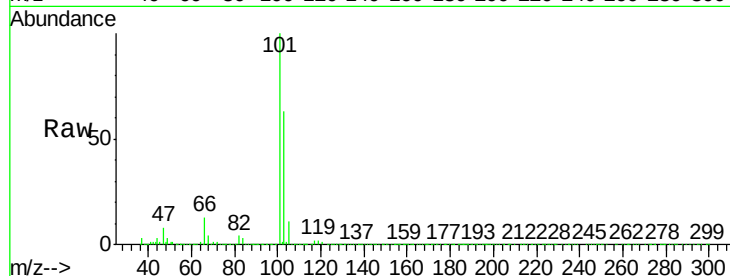
Trichlorofluoromethane
Concen: 18.820 ug/l
RT: 1.93 min Scan# 171
Delta R.T. -0.00 min
Lab File: VX014949.D
Acq: 18 Feb 2020 11:05

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VX0218WBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	142146		
103	63.2	52.2	78.4	

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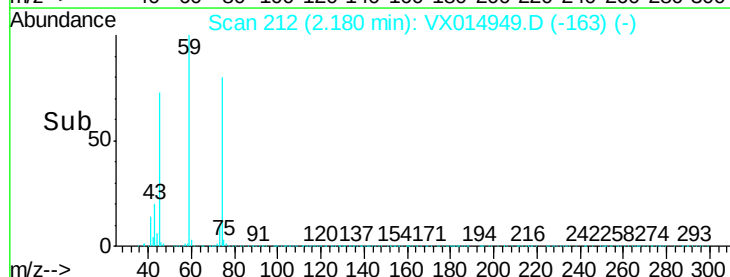
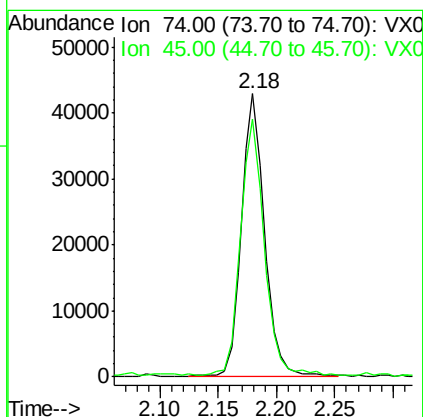
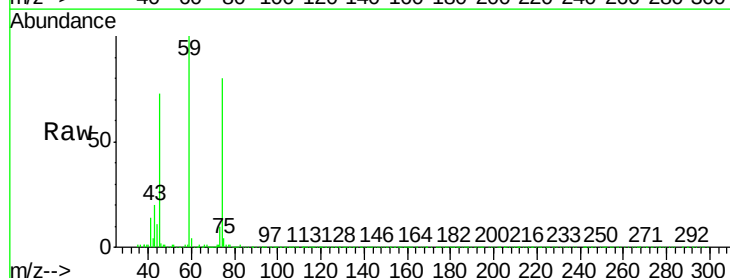
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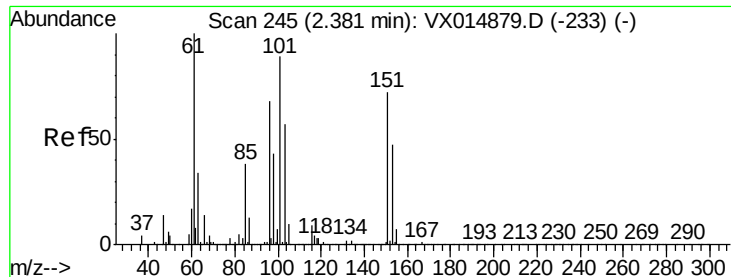


#8

Diethyl Ether
Concen: 19.132 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014949.D
Acq: 18 Feb 2020 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	59921		
45	91.2	46.6	139.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.879 ug/l

RT: 2.38 min Scan# 245

Delta R.T. -0.00 min

Lab File: VX014949.D

Acq: 18 Feb 2020 11:05

Instrument :

MSVOA_X

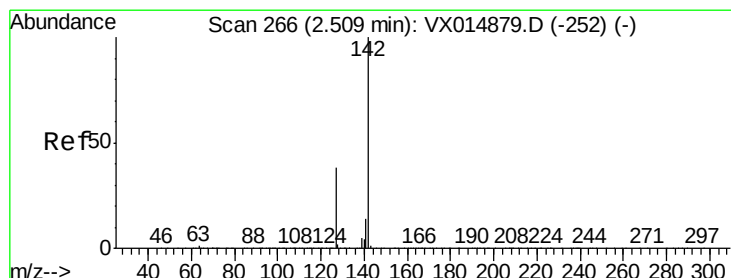
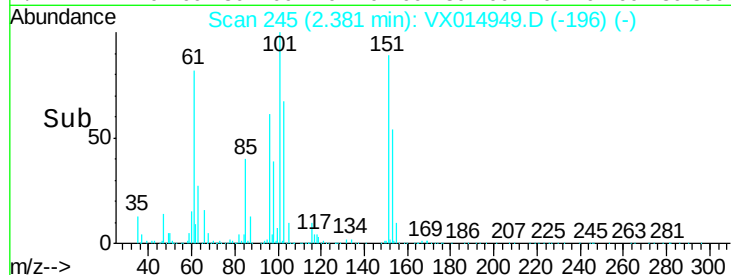
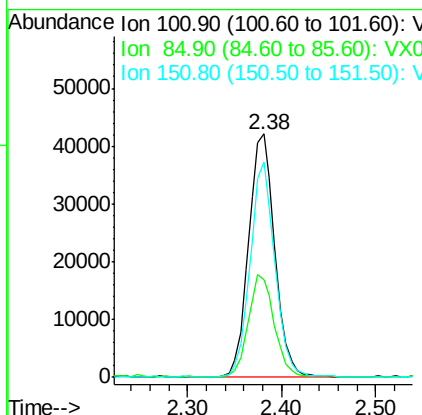
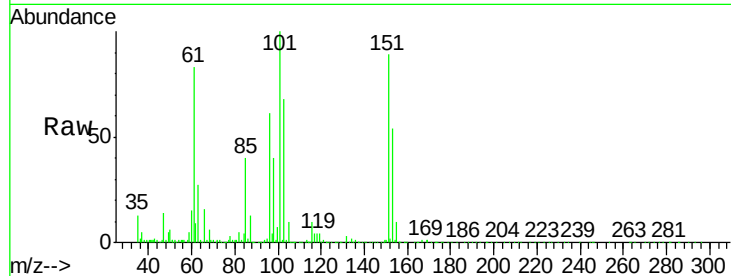
ClientSampleId :

VX0218WBS01

Tot Ion:	101	Resp:	82766
Ion Ratio	Lower	Upper	
101	100		
85	41.5	34.1	51.1
151	83.4	67.3	100.9

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#10

Methyl Iodide

Concen: 20.246 ug/l

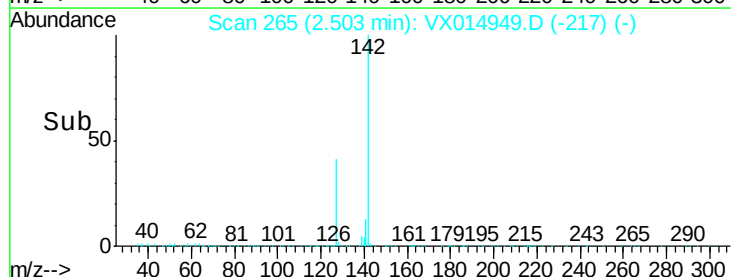
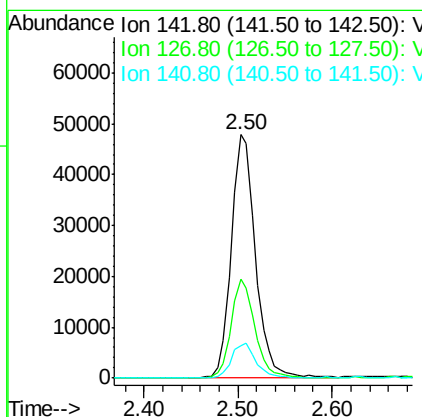
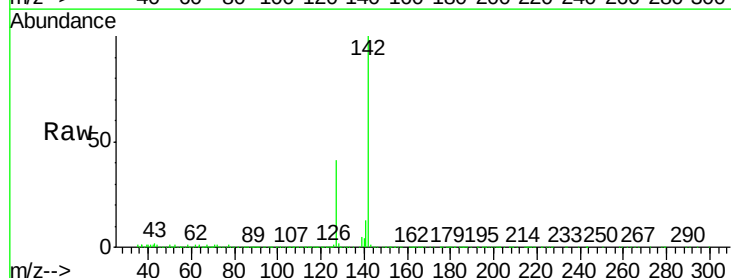
RT: 2.50 min Scan# 265

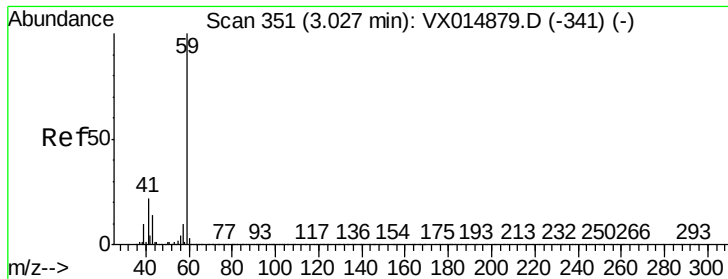
Delta R.T. -0.01 min

Lab File: VX014949.D

Acq: 18 Feb 2020 11:05

Tgt Ion:	142	Resp:	85027
Ion Ratio	Lower	Upper	
142	100		
127	39.8	31.1	46.7
141	14.7	11.3	16.9





#11

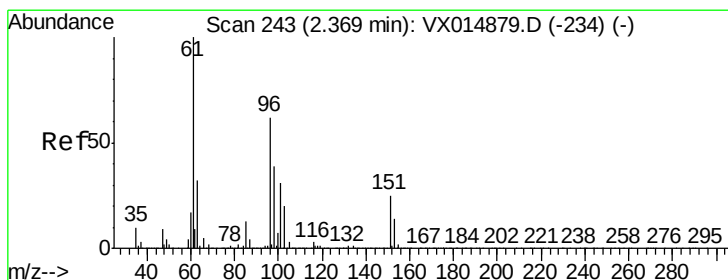
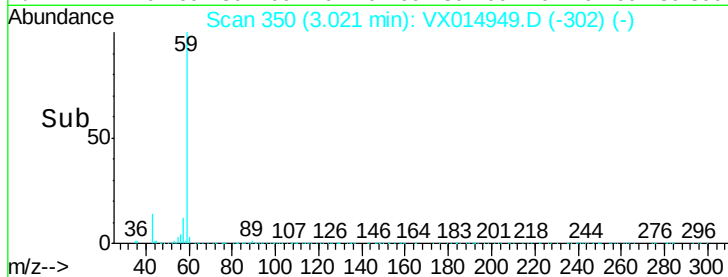
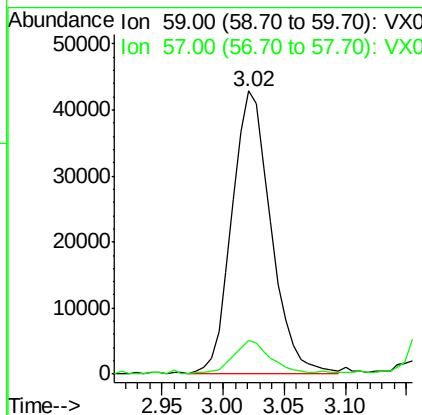
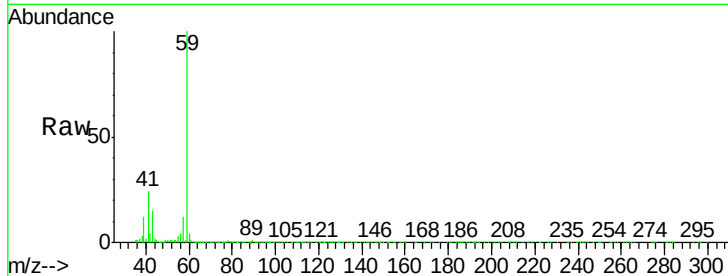
Tert butyl alcohol
Concen: 100.952 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX014949.D
Acq: 18 Feb 2020 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX0218WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.9	8.2	12.4

Manual Integrations
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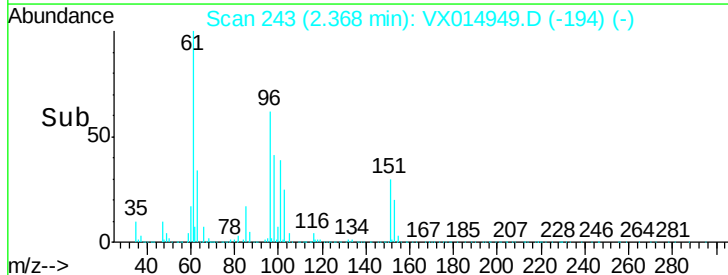
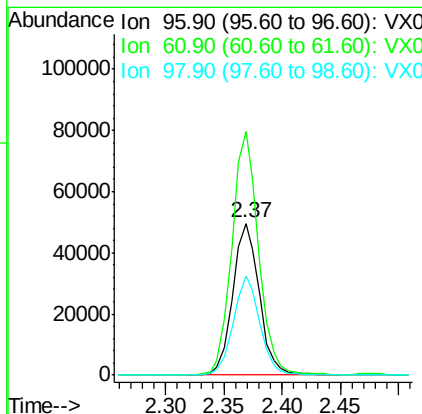
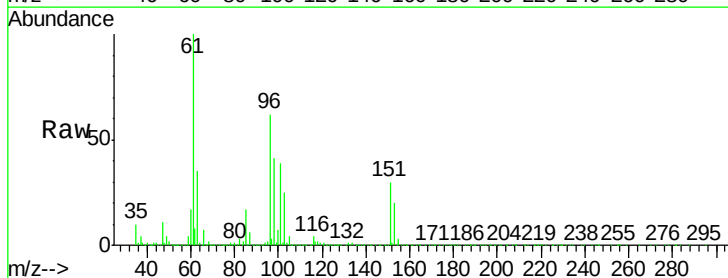
MMDadoda
2/19/2020 12:14:44 PM

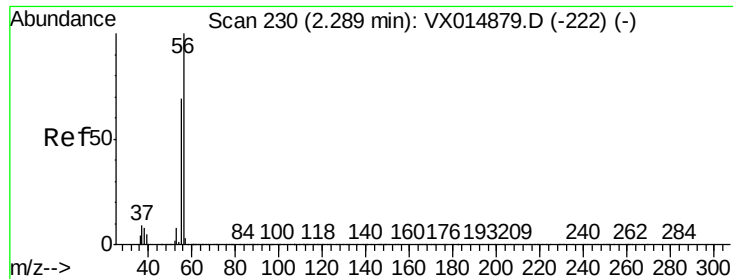


#12

1,1-Dichloroethene
Concen: 18.190 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX014949.D
Acq: 18 Feb 2020 11:05

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.3	129.5	194.3
98	65.2	50.6	76.0





#13

Acrolein

Concen: 68.779 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.01 min

Lab File: VX014949.D

Acq: 18 Feb 2020 11:05

Instrument :

MSVOA_X

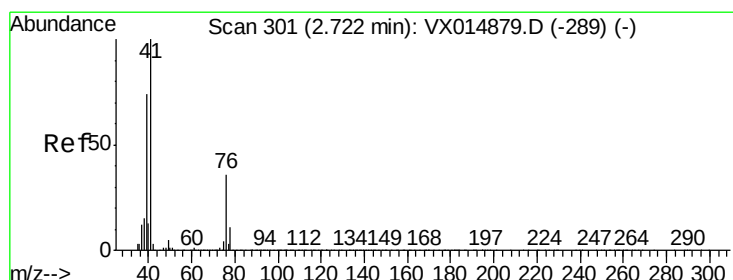
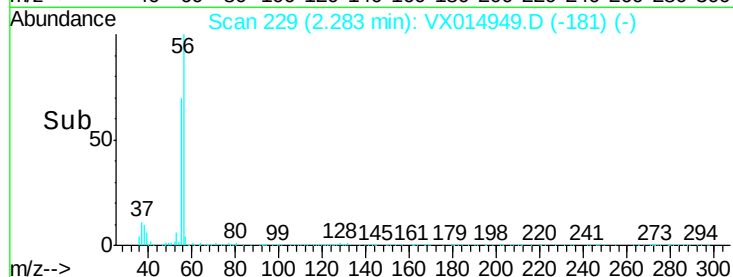
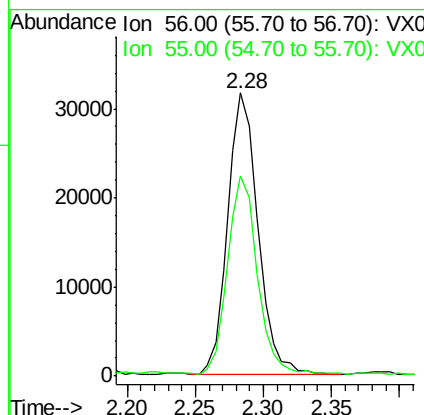
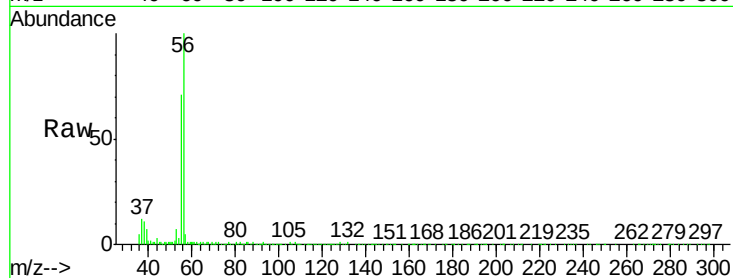
ClientSampleId :

VX0218WBS01

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
55	69.0	55.0	82.4	

Manual Integrations
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#14

Allyl chloride

Concen: 17.944 ug/l

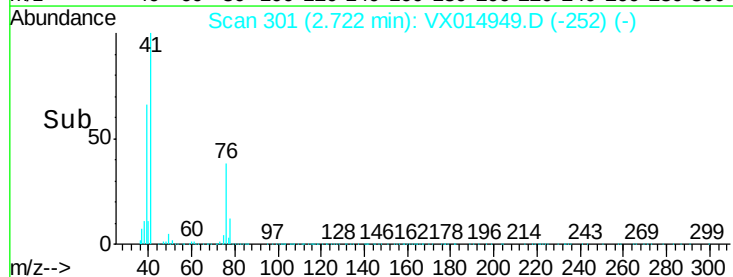
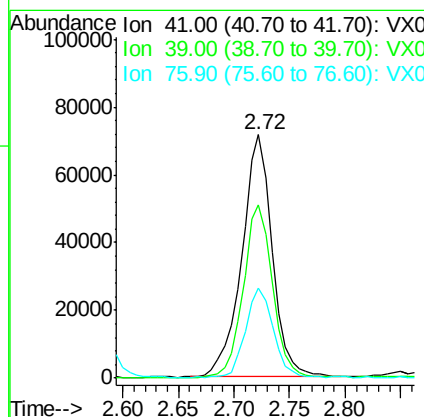
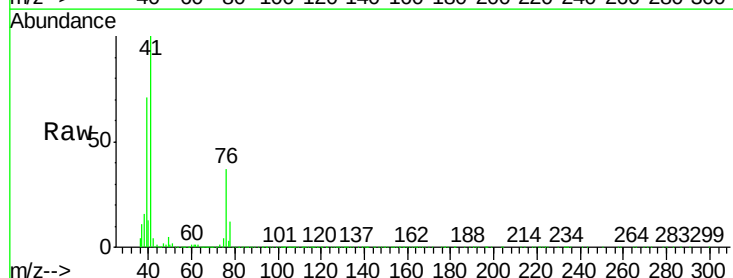
RT: 2.72 min Scan# 301

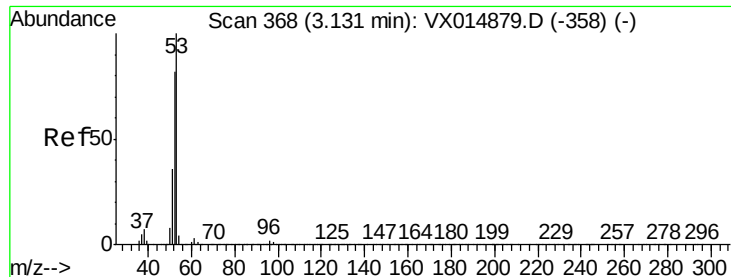
Delta R.T. -0.00 min

Lab File: VX014949.D

Acq: 18 Feb 2020 11:05

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	69.3	55.2	82.8	
76	33.5	26.8	40.2	





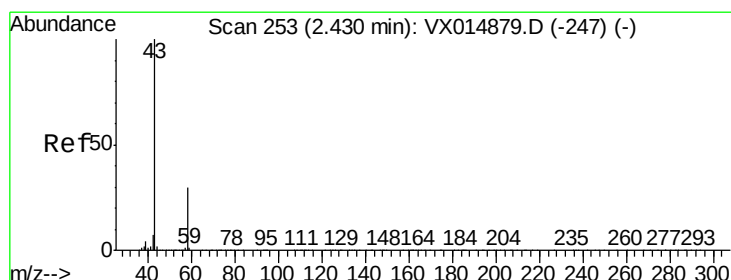
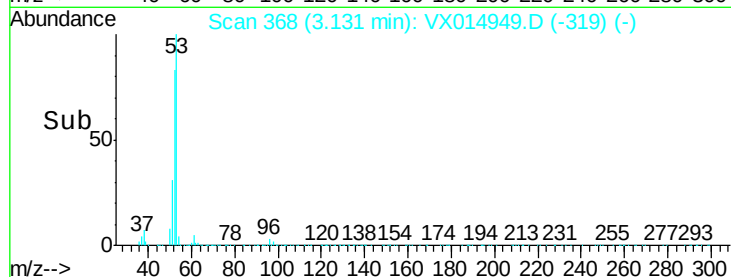
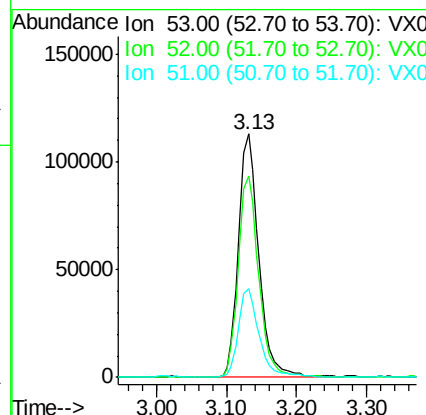
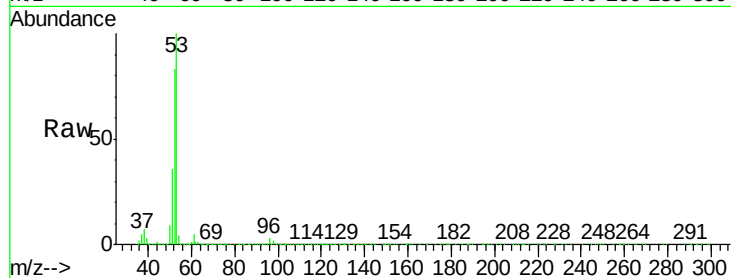
#15
 Acrylonitrile
 Concen: 97.045 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. -0.00 min
 Lab File: VX014949.D
 Acq: 18 Feb 2020 11:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0218WBS01

Tot Ion:	53	Resp:	229121
Ion Ratio	Lower	Upper	
53	100		
52	83.0	65.8	98.6
51	36.8	29.1	43.7

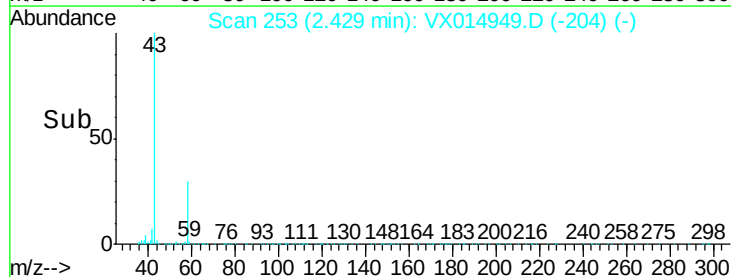
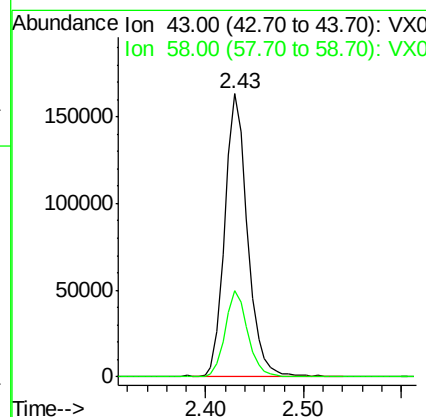
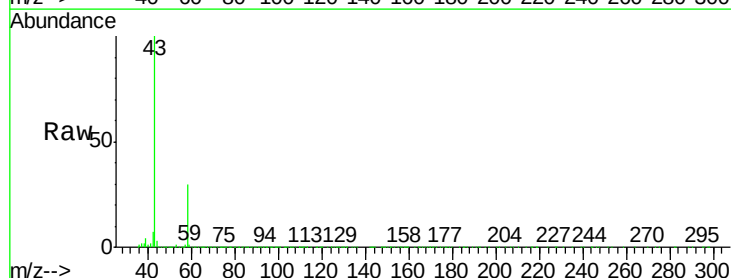
Manual Integrations
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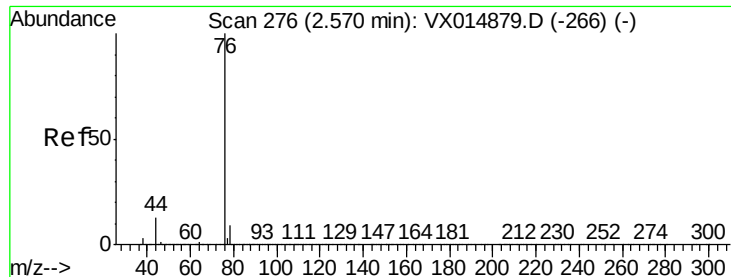
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#16
 Acetone
 Concen: 84.924 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. 0.00 min
 Lab File: VX014949.D
 Acq: 18 Feb 2020 11:05

Tgt Ion:	43	Resp:	261073
Ion Ratio	Lower	Upper	
43	100		
58	30.3	24.1	36.1





#17

Carbon Disulfide

Concen: 16.922 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.01 min

Lab File: VX014949.D

Acq: 18 Feb 2020 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0218WBS01

Tot Ion: 76 Resp: 202546

Ion Ratio Lower Upper

76 100

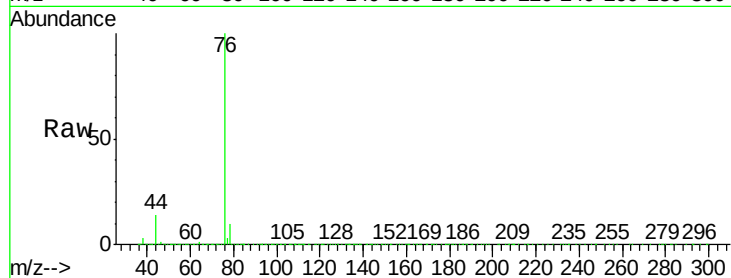
78 9.5 7.4 11.0

Manual Integrations

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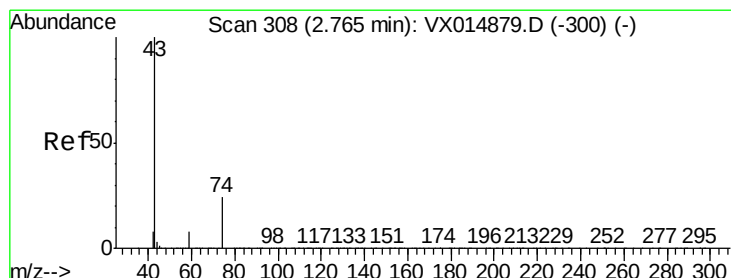
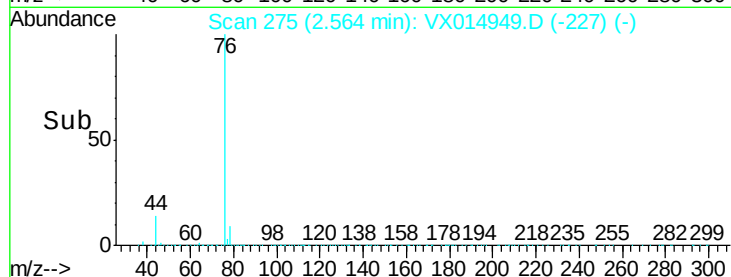
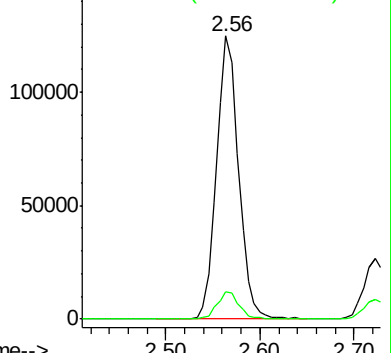
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 20.596 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014949.D

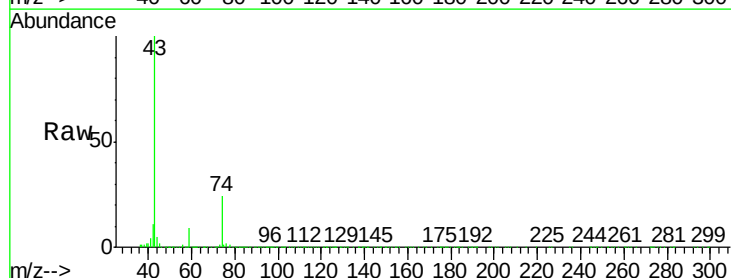
Acq: 18 Feb 2020 11:05

Tgt Ion: 43 Resp: 109413

Ion Ratio Lower Upper

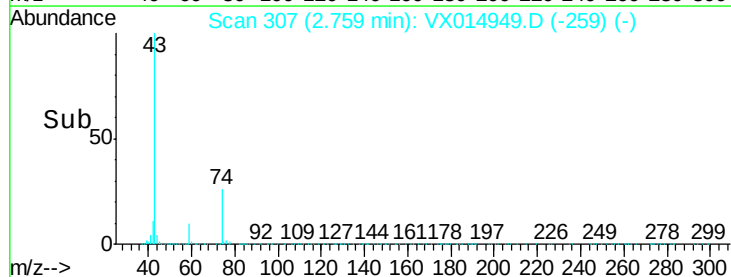
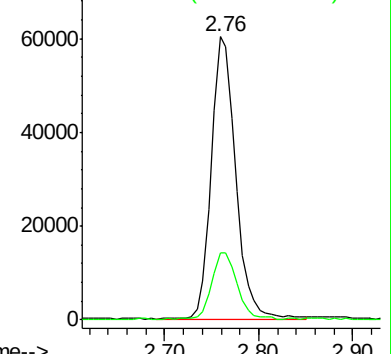
43 100

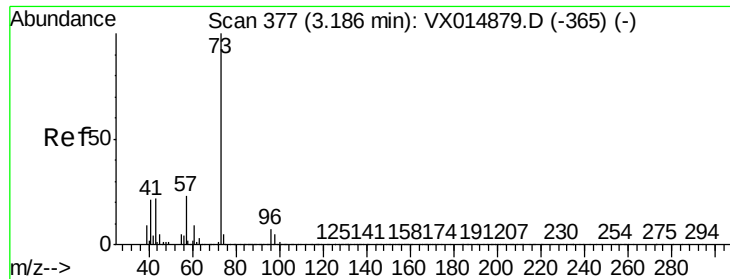
74 24.5 19.4 29.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





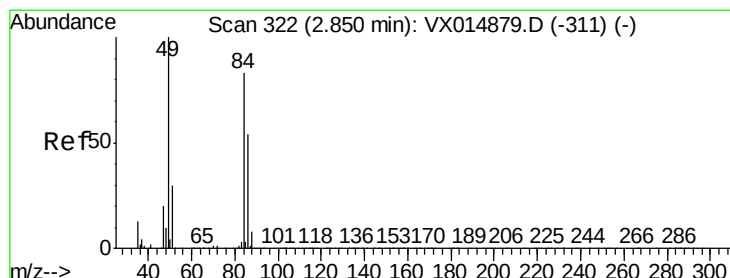
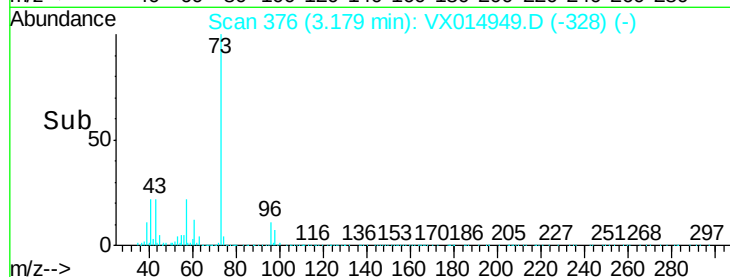
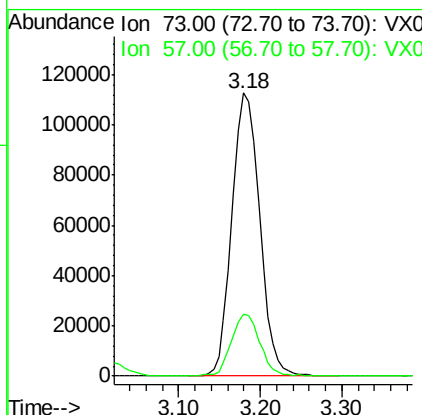
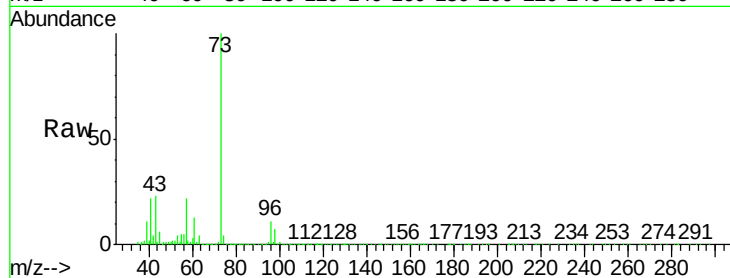
#19
Methyl tert-butyl Ether
Concen: 18.970 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014949.D
Acq: 18 Feb 2020 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX0218WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.7	18.2	27.4

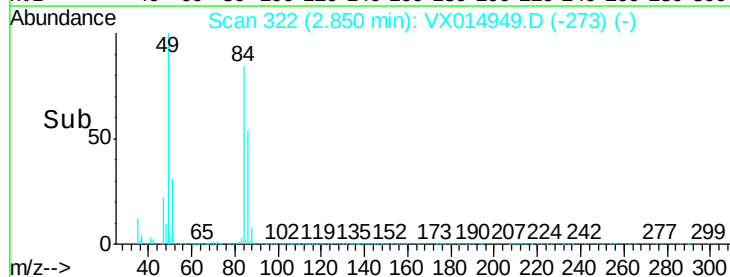
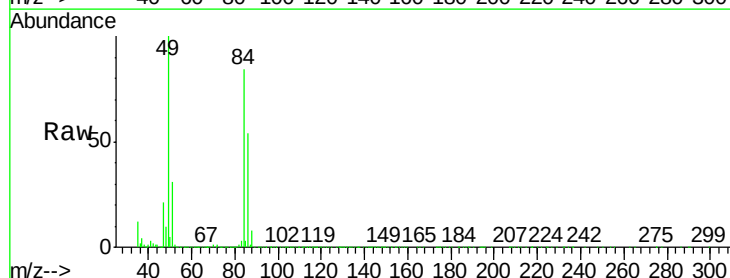
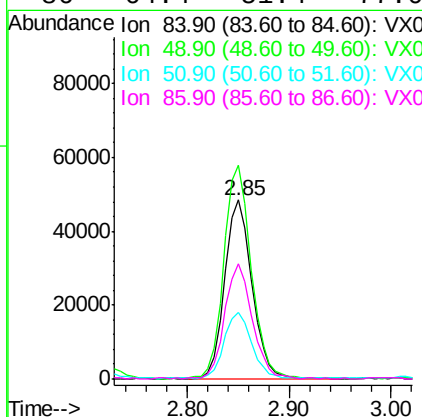
Manual Integrations
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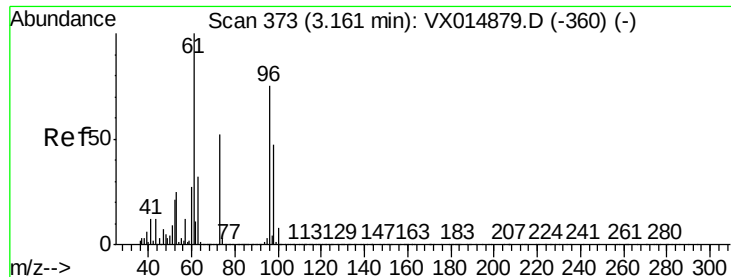
MMDadoda
2/19/2020 12:14:44 PM



#20
Methylene Chloride
Concen: 17.684 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX014949.D
Acq: 18 Feb 2020 11:05

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.9	95.6	143.4
51	37.0	29.0	43.6
86	64.4	51.4	77.0





#21

trans-1,2-Dichloroethene

Concen: 17.961 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014949.D

Acq: 18 Feb 2020 11:05

Instrument :

MSVOA_X

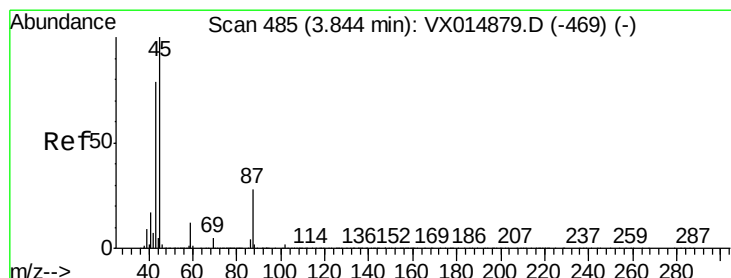
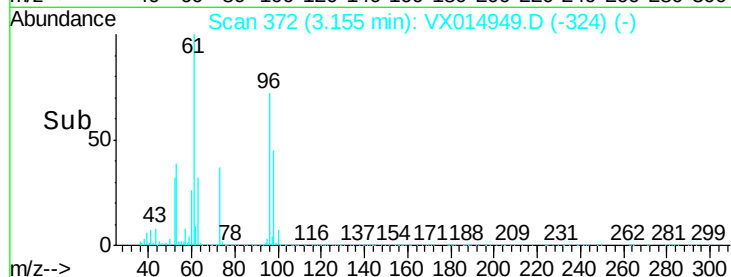
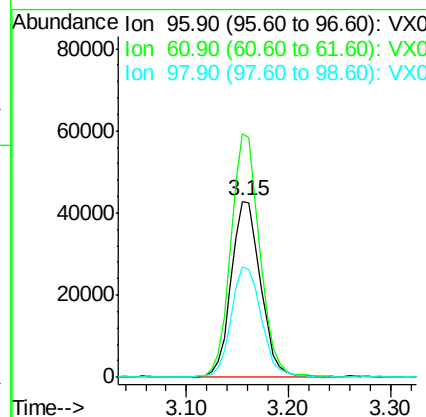
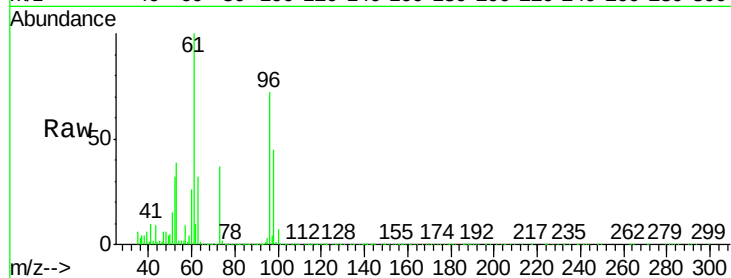
ClientSampleId :

VX0218WBS01

Tot Ion:	96	Resp:	84902
Ion Ratio	Lower	Upper	
96	100		
61	137.9	106.9	160.3
98	62.7	50.7	76.1

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.191 ug/l

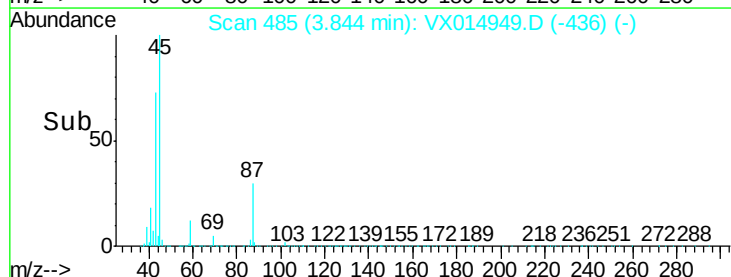
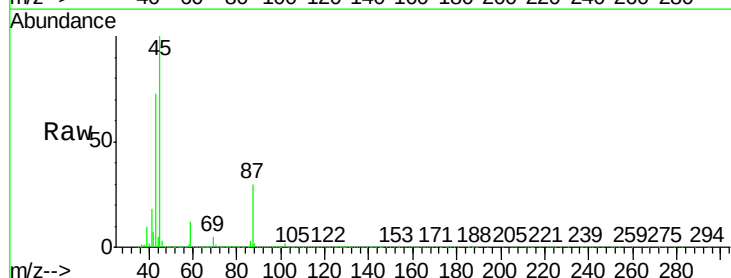
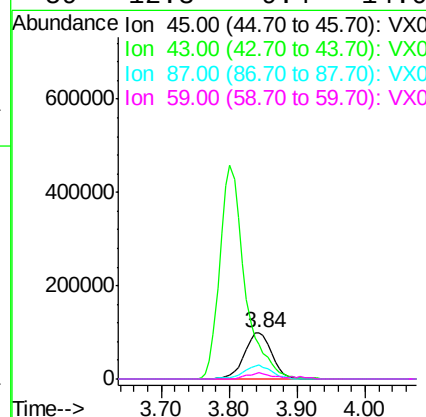
RT: 3.84 min Scan# 485

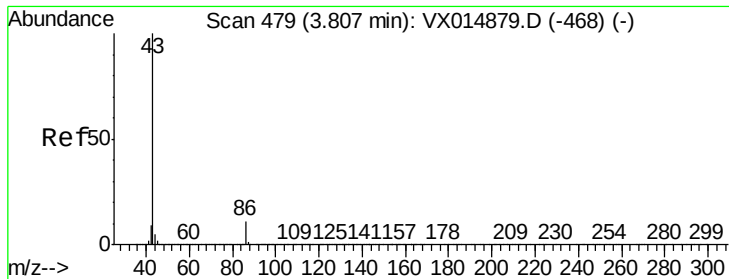
Delta R.T. -0.00 min

Lab File: VX014949.D

Acq: 18 Feb 2020 11:05

Tgt Ion:	45	Resp:	278394
Ion Ratio	Lower	Upper	
45	100		
43	72.4	63.5	95.3
87	29.7	22.2	33.4
59	12.3	9.4	14.0





#23

Vinyl Acetate

Concen: 98.370 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX014949.D

Acq: 18 Feb 2020 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0218WBS01

Tot Ion: 43 Resp: 1176346

Ion Ratio Lower Upper

43 100

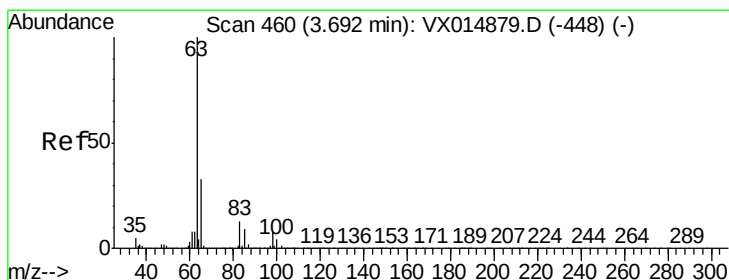
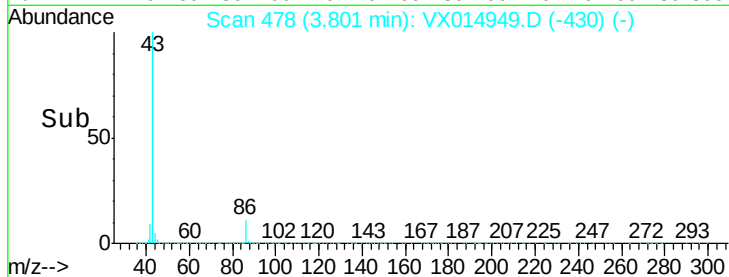
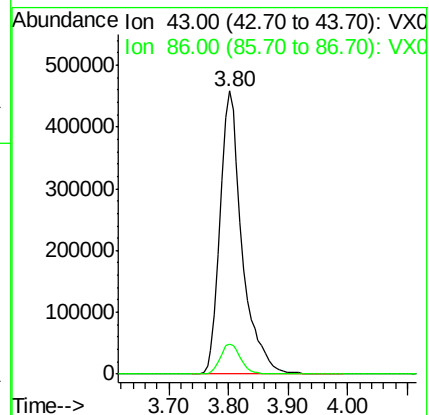
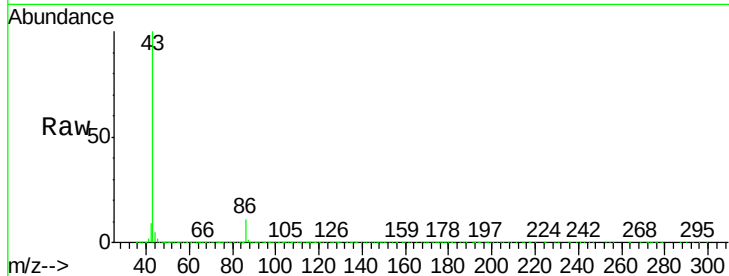
86 10.7 8.9 13.3

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 18.532 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014949.D

Acq: 18 Feb 2020 11:05

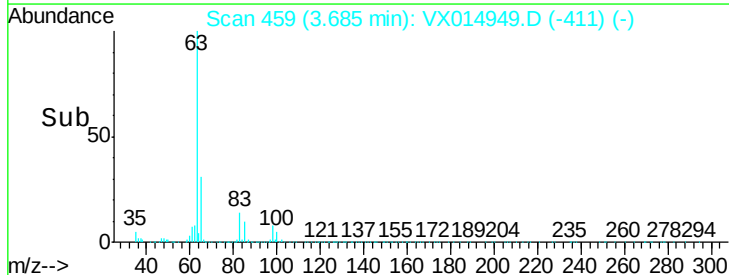
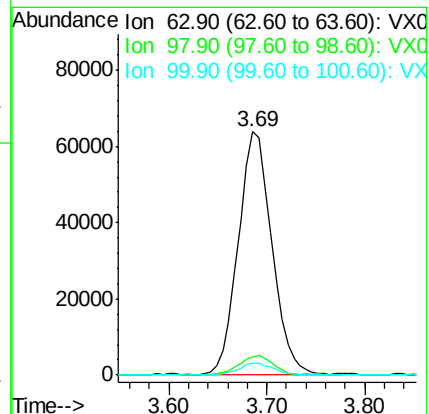
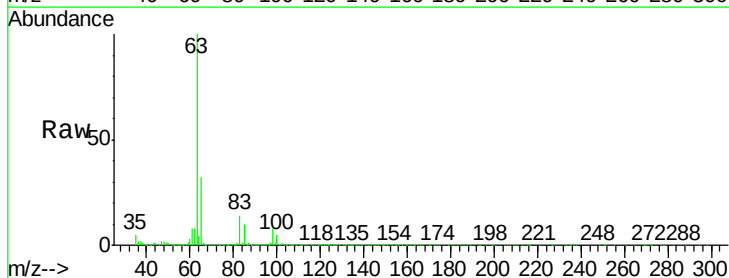
Tgt Ion: 63 Resp: 151727

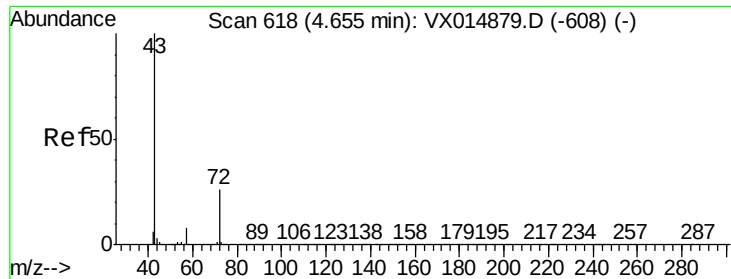
Ion Ratio Lower Upper

63 100

98 7.6 3.9 11.5

100 4.7 2.2 6.6





#25

2-Butanone

Concen: 95.085 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX014949.D

Acq: 18 Feb 2020 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0218WBS01

Tot Ion: 43 Resp: 341452

Ion Ratio Lower Upper

43 100

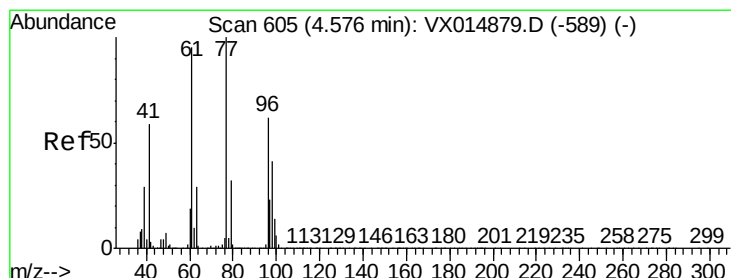
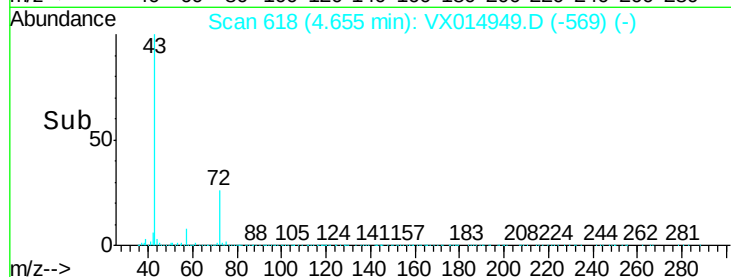
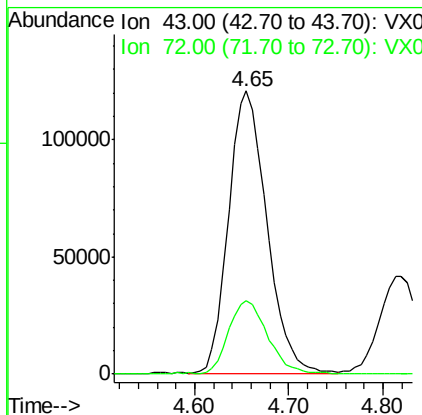
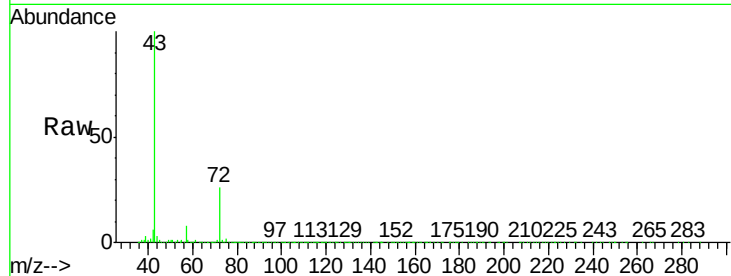
72 25.9 21.0 31.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.475 ug/l

RT: 4.58 min Scan# 605

Delta R.T. -0.00 min

Lab File: VX014949.D

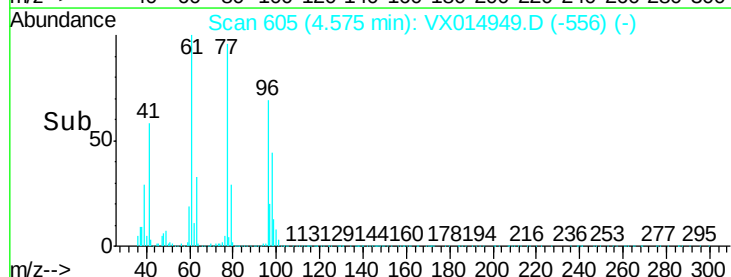
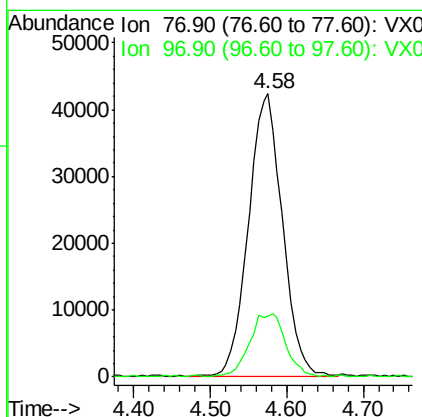
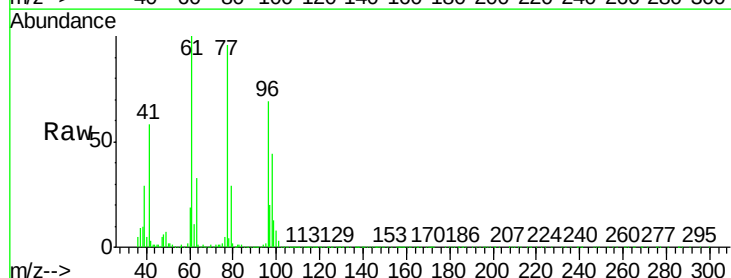
Acq: 18 Feb 2020 11:05

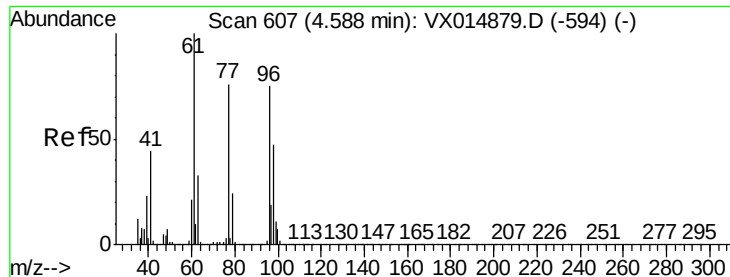
Tgt Ion: 77 Resp: 130352

Ion Ratio Lower Upper

77 100

97 23.2 11.9 35.5





#27

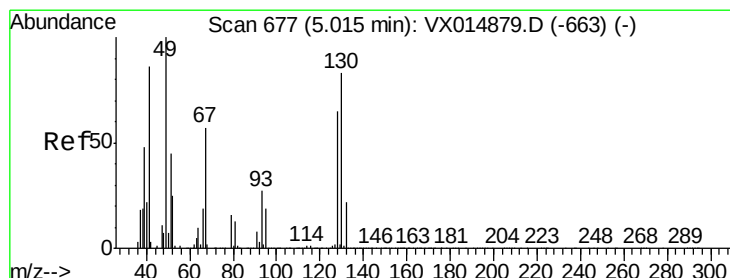
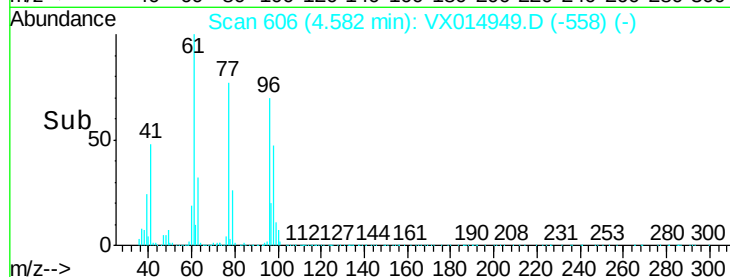
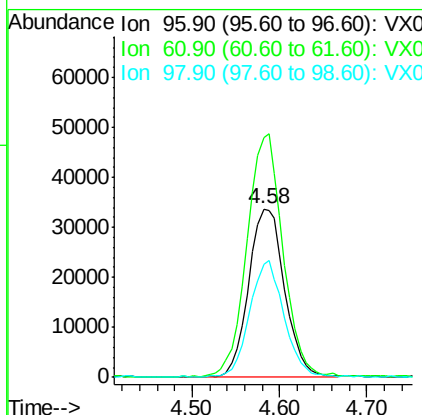
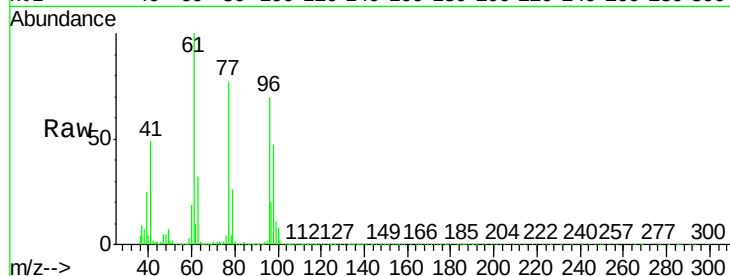
cis-1,2-Dichloroethene
Concen: 18.219 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014949.D
Acq: 18 Feb 2020 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX0218WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.3	0.0	286.2
98	65.4	0.0	131.0

Manual Integrations
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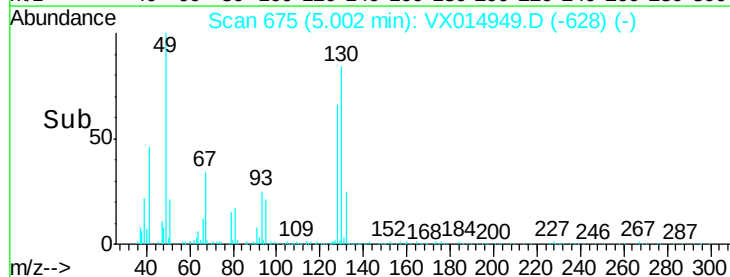
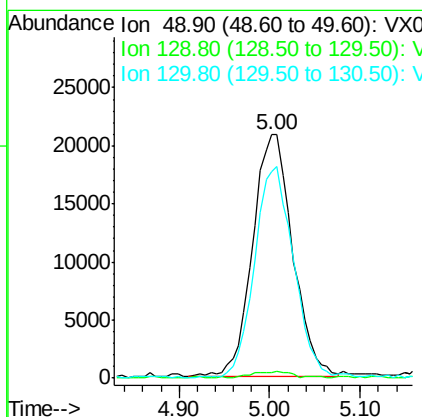
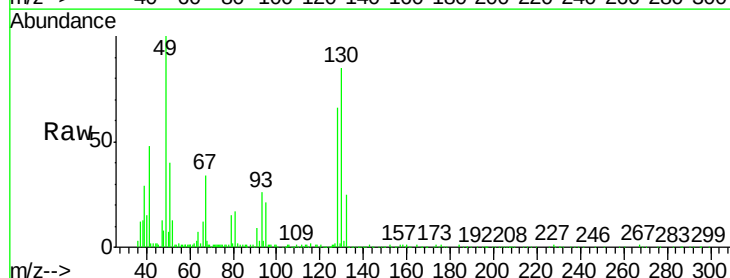
MMDadoda
2/19/2020 12:14:44 PM

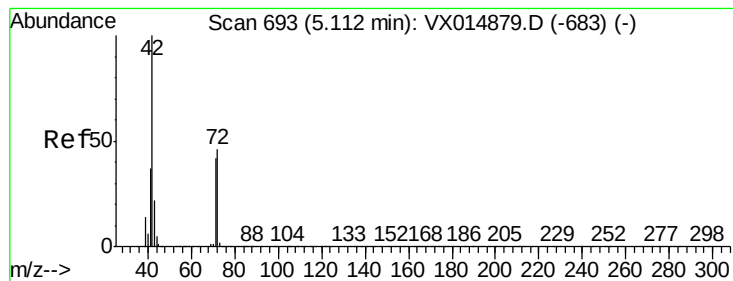


#28

Bromochloromethane
Concen: 20.119 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX014949.D
Acq: 18 Feb 2020 11:05

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.2
130	86.2	67.4	101.2





#29

Tetrahydrofuran

Concen: 97.489 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.00 min

Lab File: VX014949.D

Acq: 18 Feb 2020 11:05

Instrument :

MSVOA_X

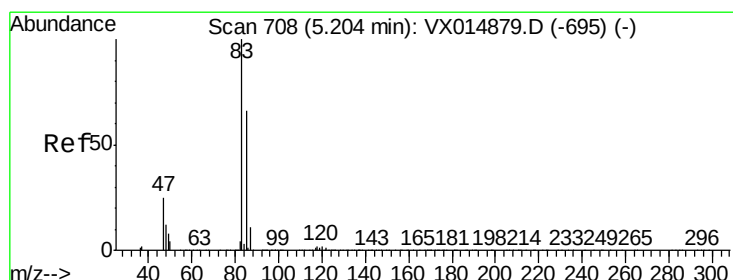
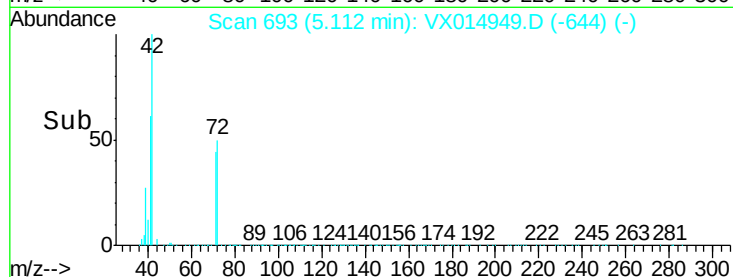
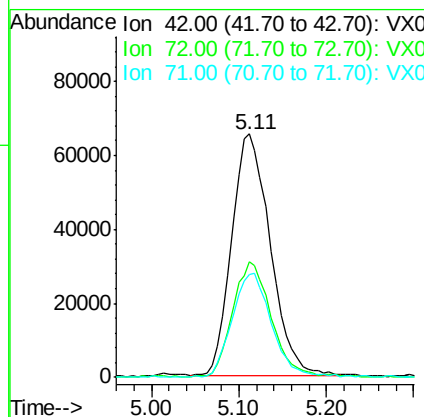
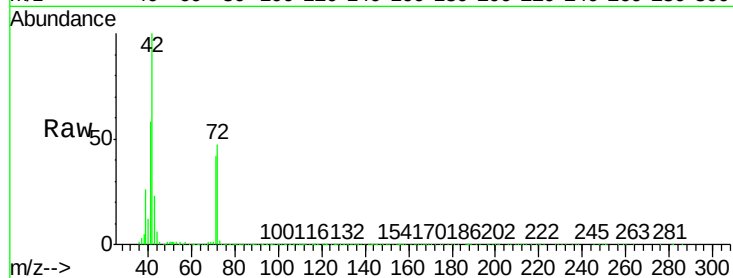
ClientSampleId :

VX0218WBS01

Tot Ion:	42	Resp:	199011
Ion Ratio		Lower	Upper
42	100		
72	47.8	36.9	55.3
71	44.0	34.1	51.1

Manual Integrations
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#30

Chloroform

Concen: 18.901 ug/l

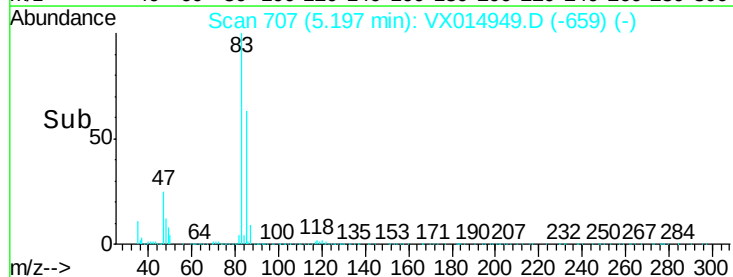
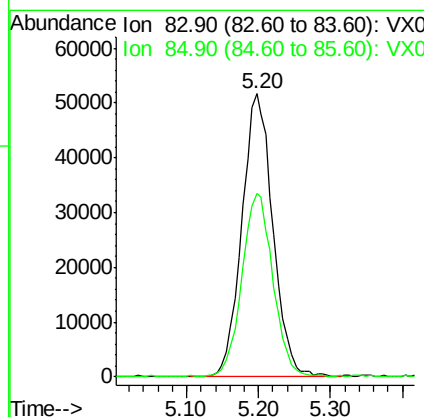
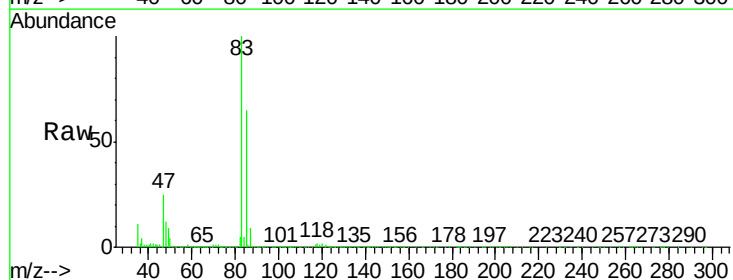
RT: 5.20 min Scan# 707

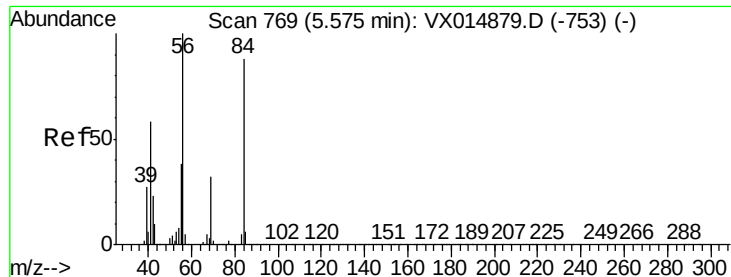
Delta R.T. -0.01 min

Lab File: VX014949.D

Acq: 18 Feb 2020 11:05

Tgt Ion:	83	Resp:	153529
Ion Ratio		Lower	Upper
83	100		
85	64.5	52.9	79.3





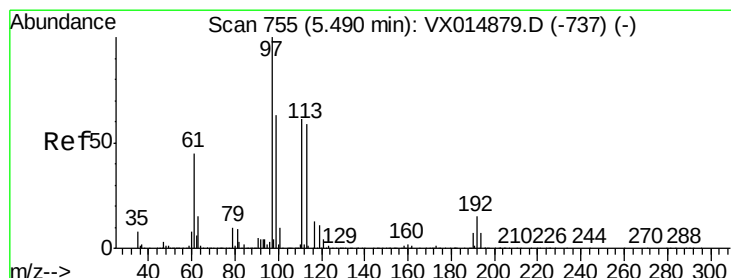
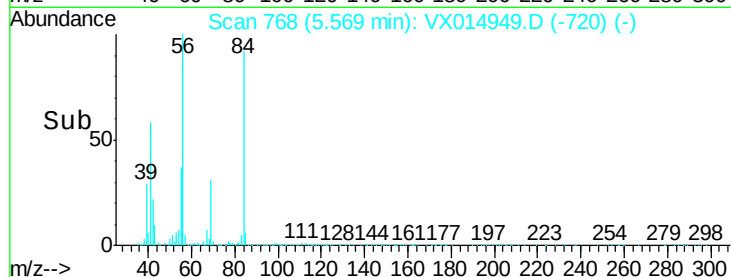
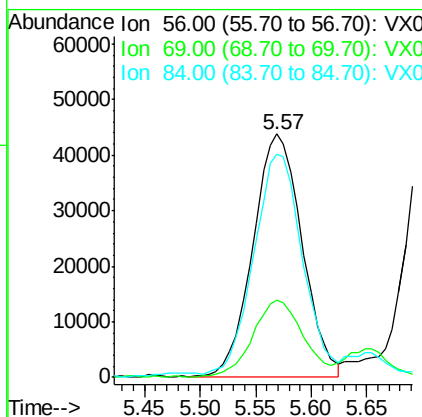
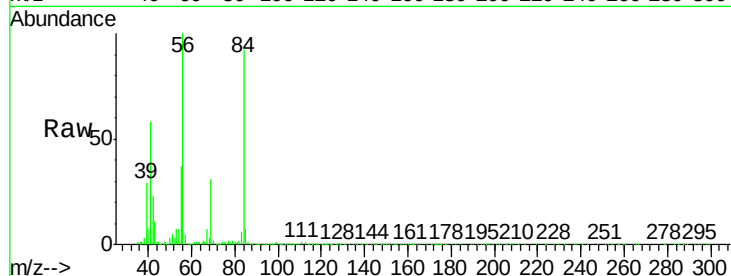
#31
Cyclohexane
Concen: 17.938 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX014949.D
Acq: 18 Feb 2020 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX0218WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.2	25.9	38.9
84	90.5	70.4	105.6

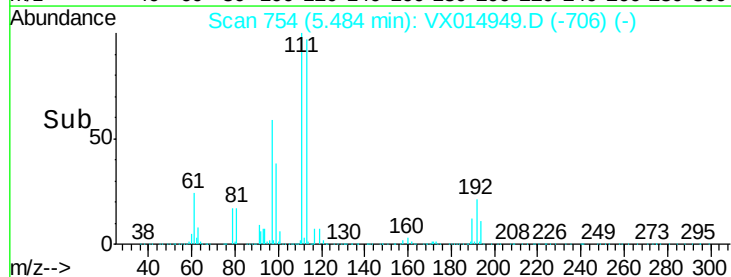
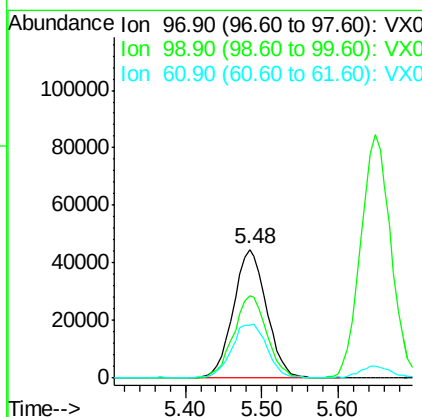
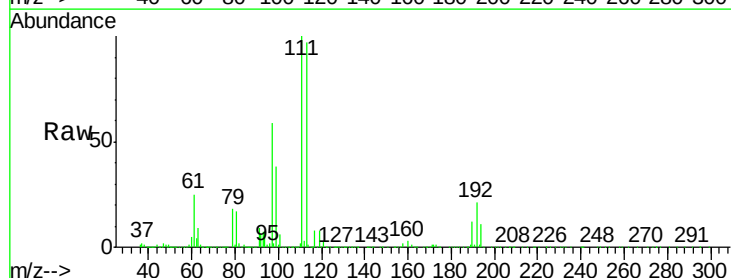
Manual Integrations
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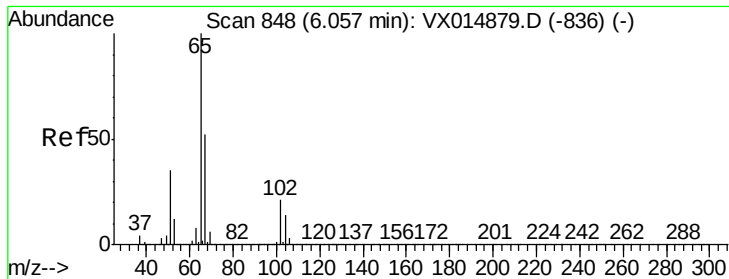
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#32
1,1,1-Trichloroethane
Concen: 18.856 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014949.D
Acq: 18 Feb 2020 11:05

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.0	76.6
61	44.5	36.3	54.5





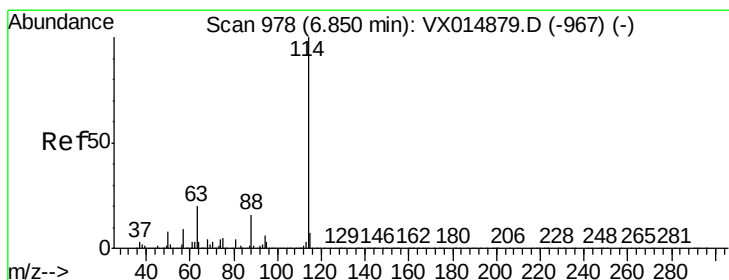
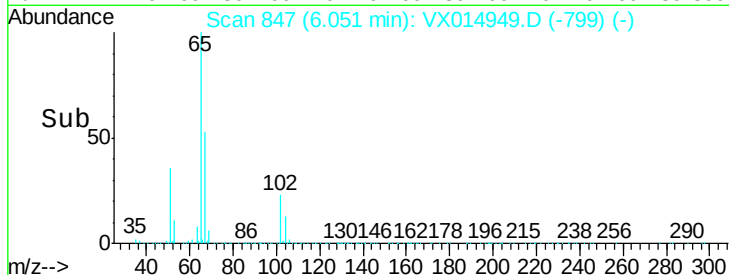
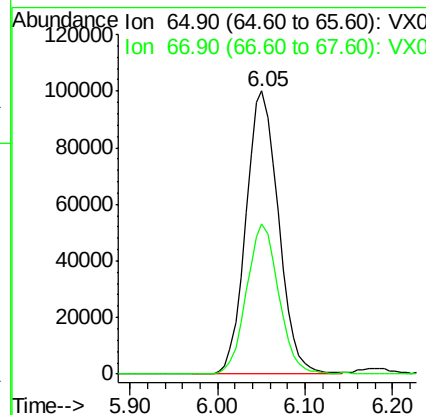
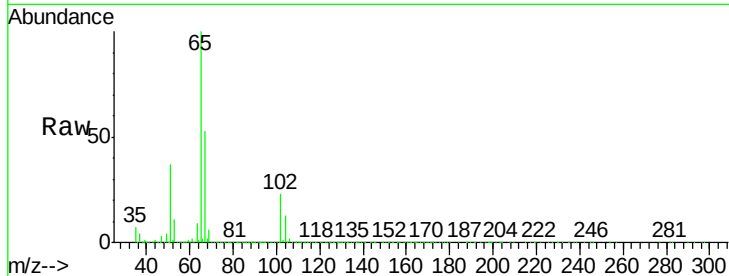
#33
 1,2-Dichloroethane-d4
 Concen: 49.217 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX014949.D
 Acq: 18 Feb 2020 11:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0218WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	259606		
67	51.9	0.0	103.0	

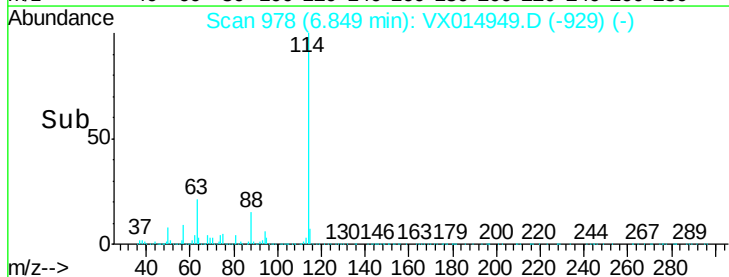
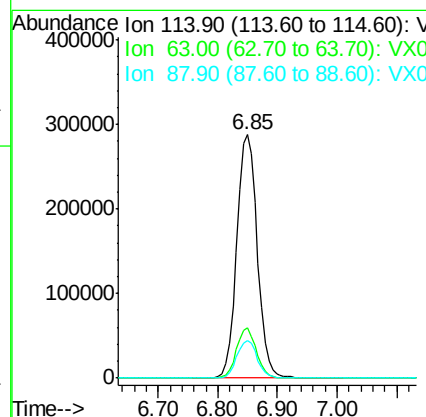
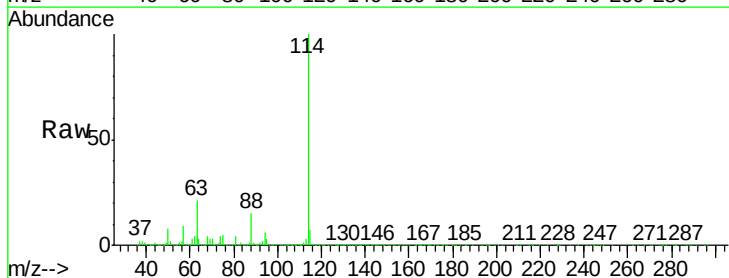
Manual Integrations
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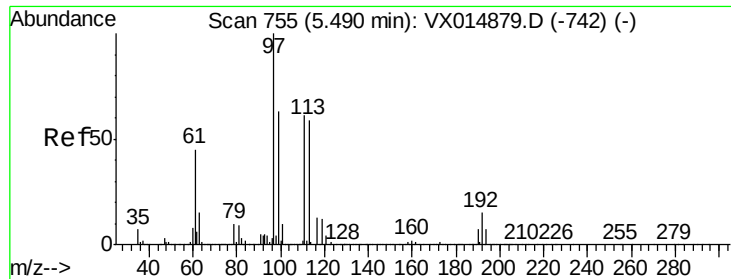
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX014949.D
 Acq: 18 Feb 2020 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	685205		
63	20.6	0.0	39.2	
88	15.4	0.0	32.0	





#35

Dibromofluoromethane

Concen: 50.109 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX014949.D

Acq: 18 Feb 2020 11:05

Instrument :

MSVOA_X

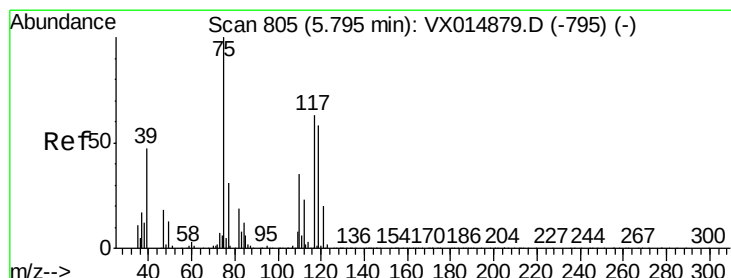
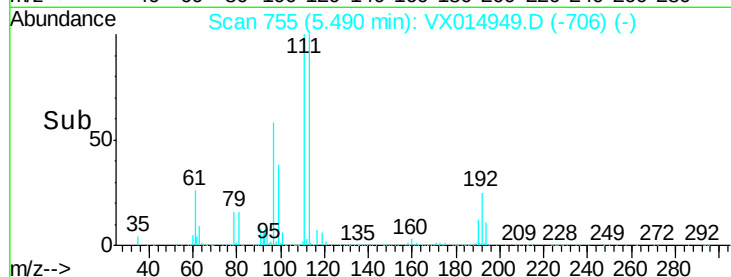
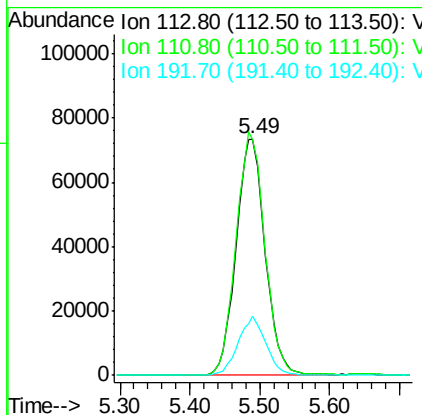
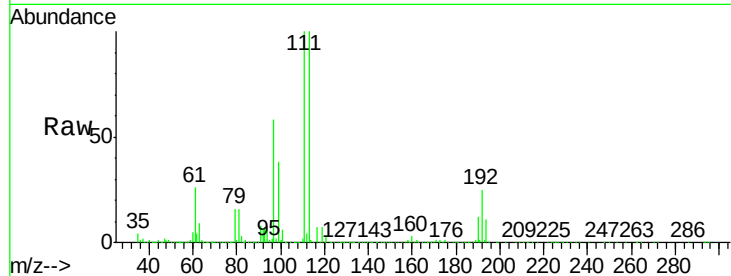
ClientSampleId :

VX0218WBS01

Tot Ion:	113	Resp:	211084
Ion Ratio	Lower	Upper	
113	100		
111	101.9	82.4	123.6
192	23.8	19.1	28.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 19.154 ug/l

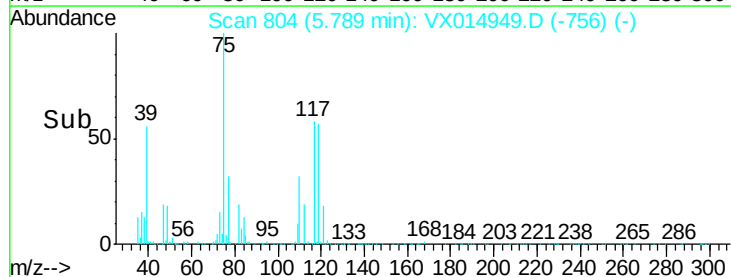
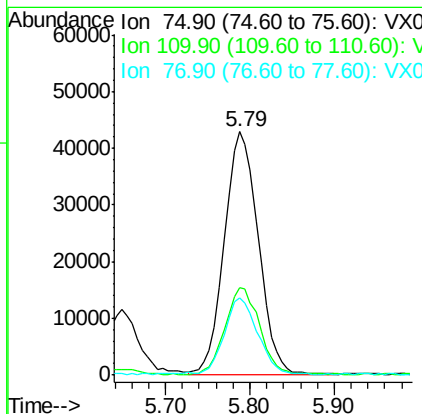
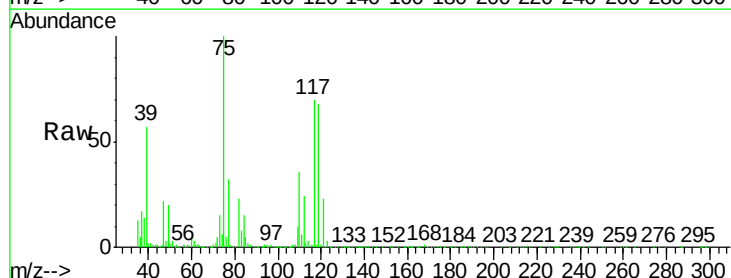
RT: 5.79 min Scan# 804

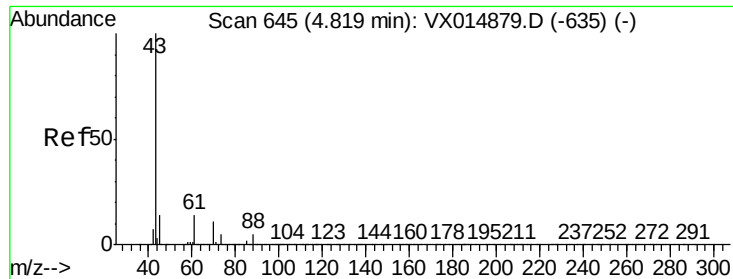
Delta R.T. -0.01 min

Lab File: VX014949.D

Acq: 18 Feb 2020 11:05

Tgt Ion:	75	Resp:	117399
Ion Ratio	Lower	Upper	
75	100		
110	36.1	18.3	54.8
77	31.3	24.6	36.8





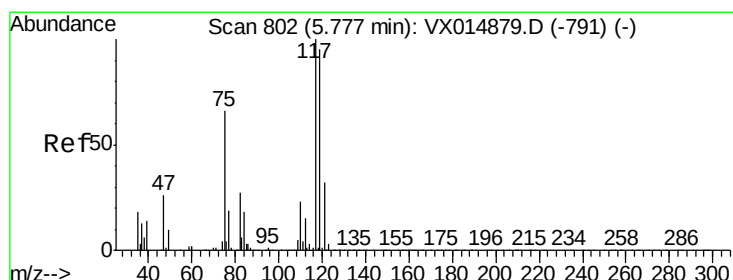
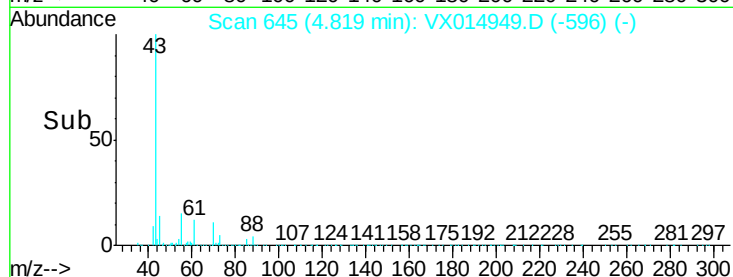
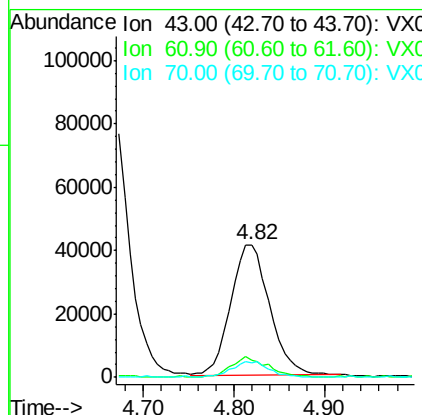
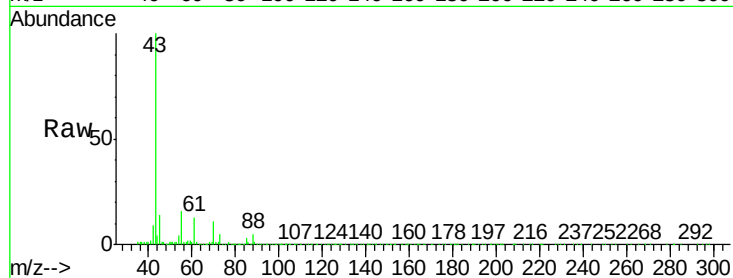
#37
Ethyl Acetate
Concen: 19.271 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX014949.D
Acq: 18 Feb 2020 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX0218WBS01

Tot Ion	43	Resp	123195
Ion Ratio	Lower	Upper	
43	100		
61	13.7	10.9	16.3
70	11.4	8.7	13.1

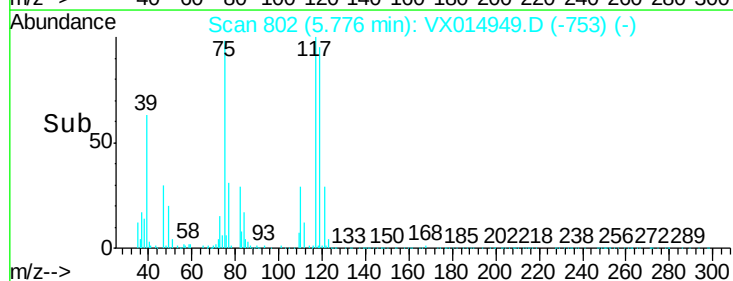
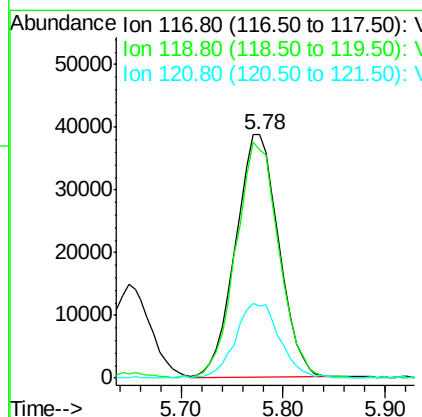
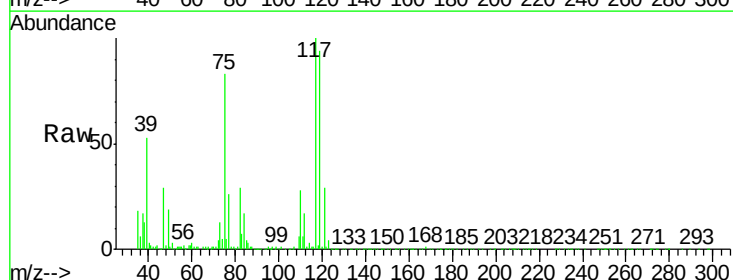
Manual Integrations
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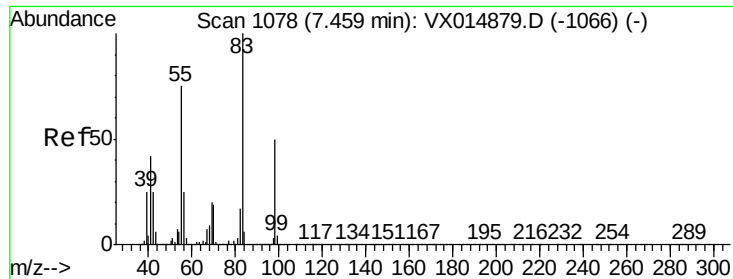
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#38
Carbon Tetrachloride
Concen: 19.051 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX014949.D
Acq: 18 Feb 2020 11:05

Tgt Ion	117	Resp	113794
Ion Ratio	Lower	Upper	
117	100		
119	93.9	76.0	114.0
121	29.3	25.4	38.2





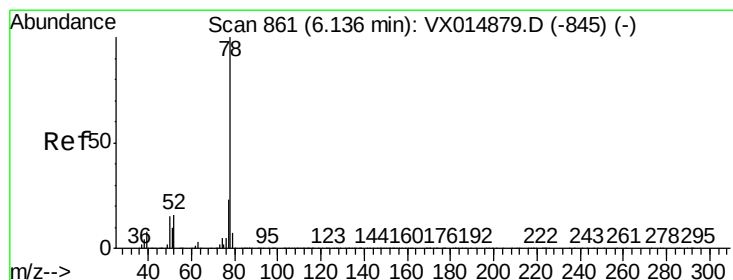
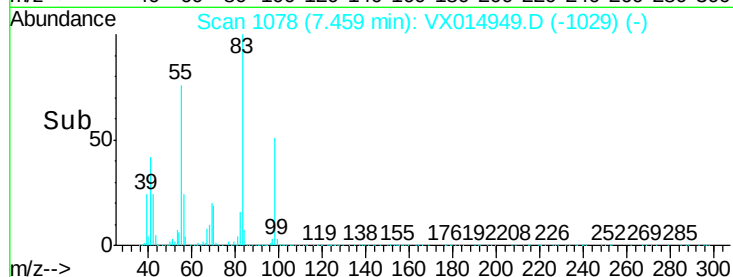
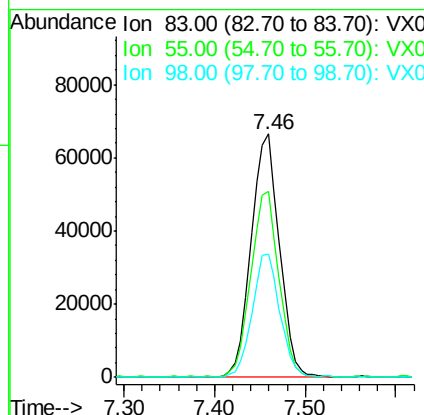
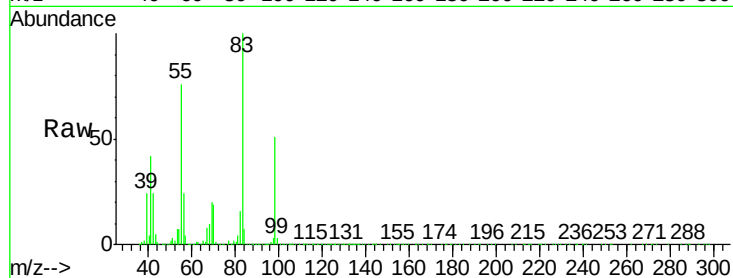
#39
Methylvlcyclohexane
Concen: 18.773 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX014949.D
Acq: 18 Feb 2020 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX0218WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.1	60.0	90.0
98	50.5	39.6	59.4

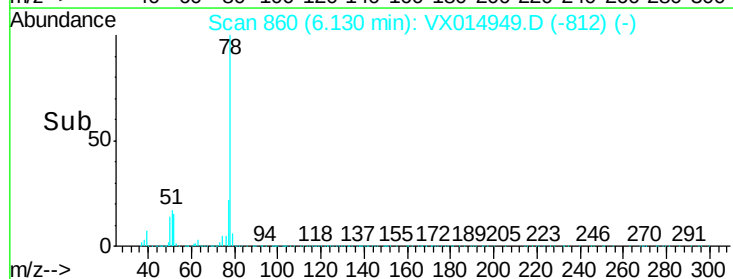
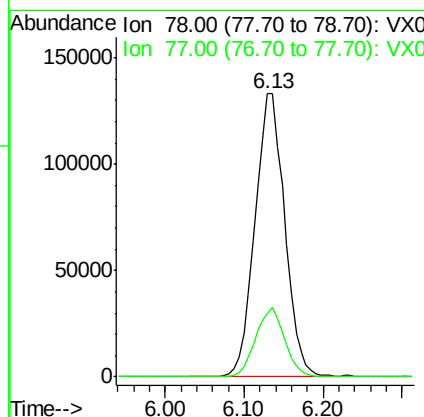
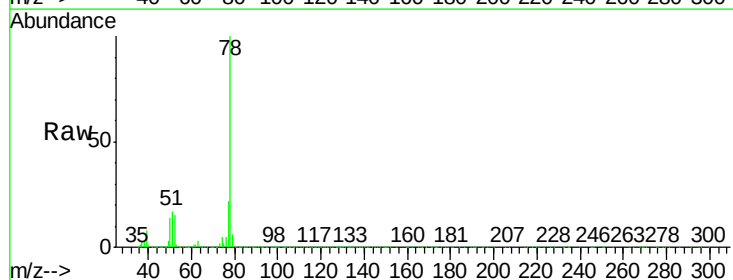
Manual Integrations
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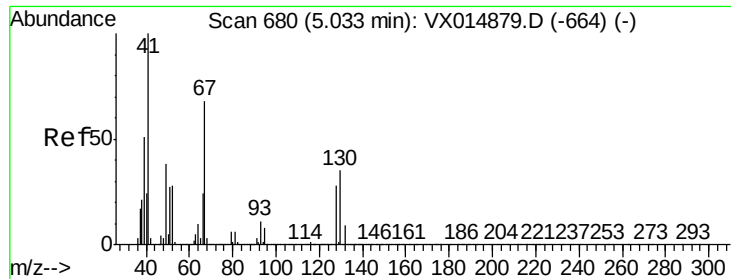
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#40
Benzene
Concen: 19.100 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014949.D
Acq: 18 Feb 2020 11:05

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.2	18.8	28.2





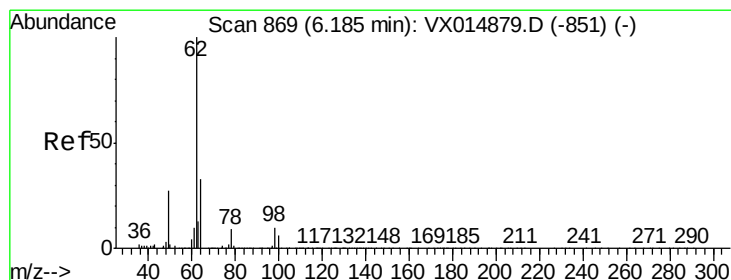
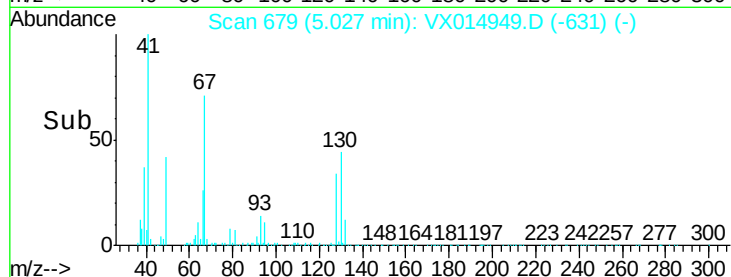
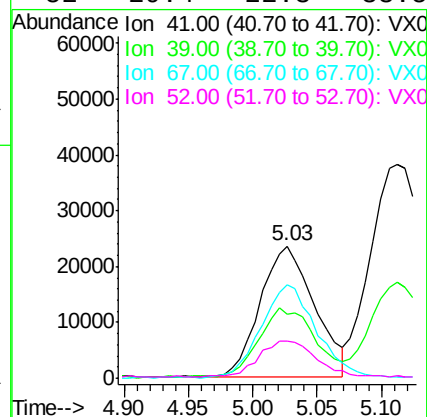
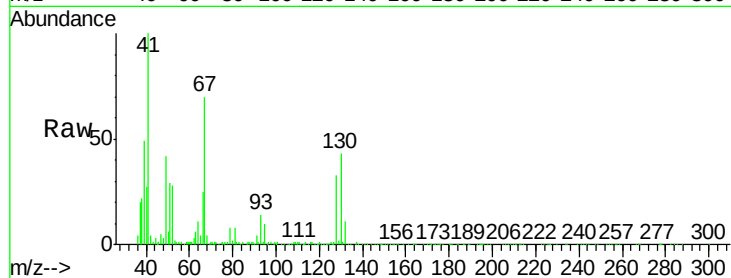
#41
Methacrylonitrile
Concen: 19.833 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX014949.D
Acq: 18 Feb 2020 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX0218WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		68303		
39	54.1	44.7	67.1		
67	72.1	56.6	84.8		
52	29.4	22.3	33.5		

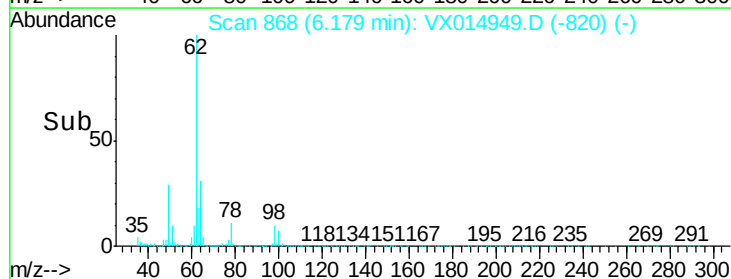
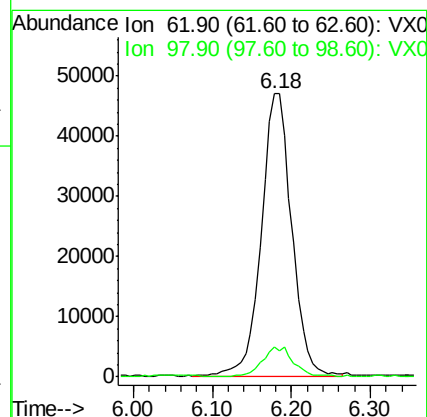
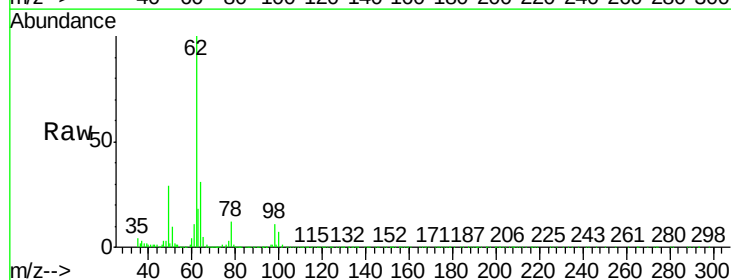
Manual Integrations
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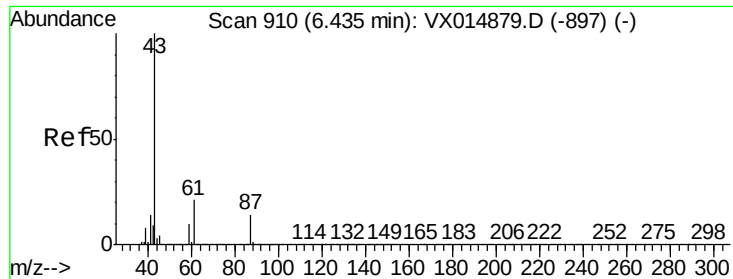
MMDadoda
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#42
1,2-Dichloroethane
Concen: 19.236 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014949.D
Acq: 18 Feb 2020 11:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		127323		
98	10.3	0.0	19.2		





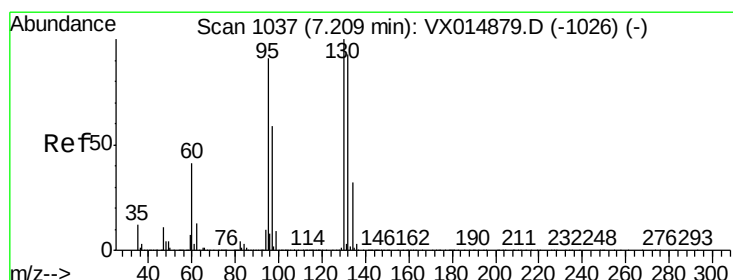
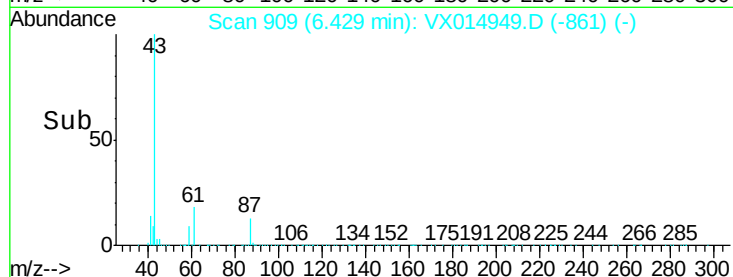
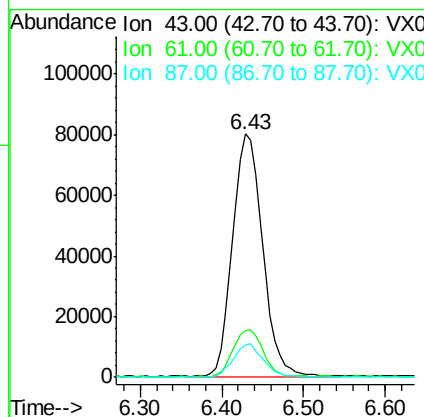
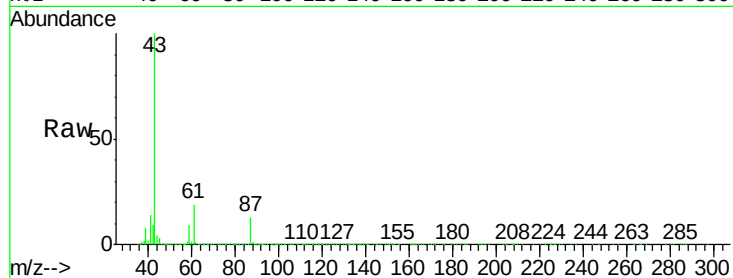
#43
Isopropyl Acetate
Concen: 19.250 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX014949.D
Acq: 18 Feb 2020 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX0218WBS01

Tot Ion:	43	Resp:	203008
Ion	Ratio	Lower	Upper
43	100		
61	20.3	16.2	24.4
87	13.8	11.0	16.6

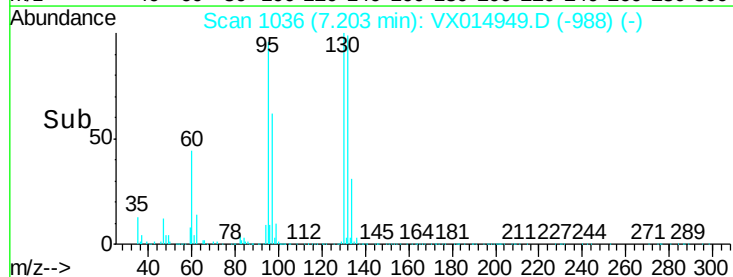
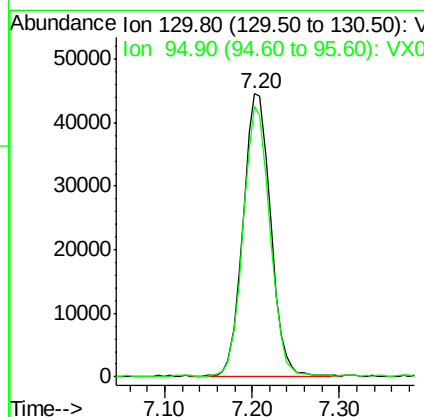
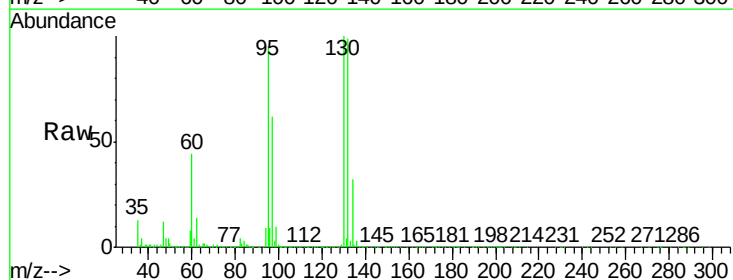
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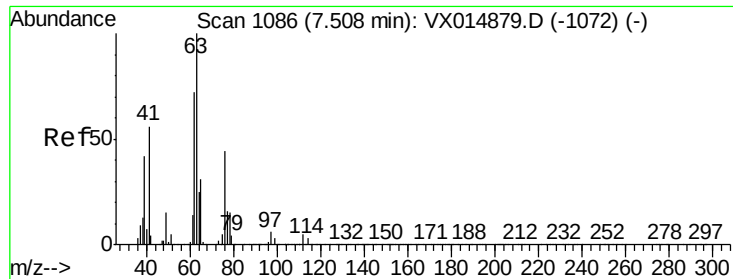
MMDadoda
2/19/2020 12:14:44 PM



#44
Trichloroethene
Concen: 18.379 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. -0.01 min
Lab File: VX014949.D
Acq: 18 Feb 2020 11:05

Tgt Ion:	130	Resp:	97708
Ion	Ratio	Lower	Upper
130	100		
95	95.2	0.0	182.6





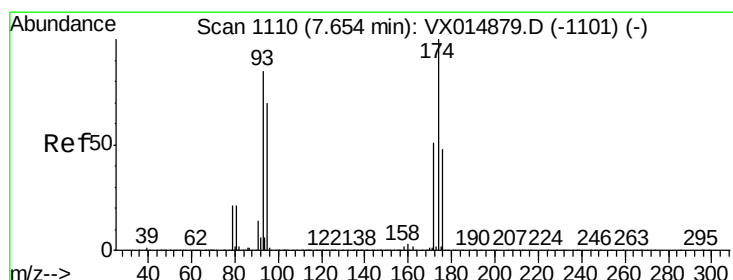
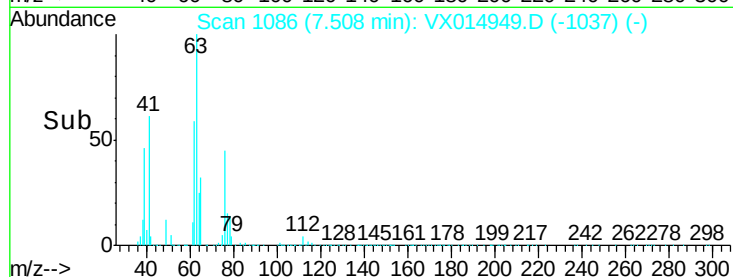
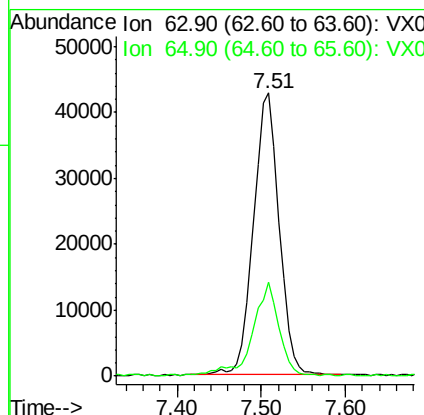
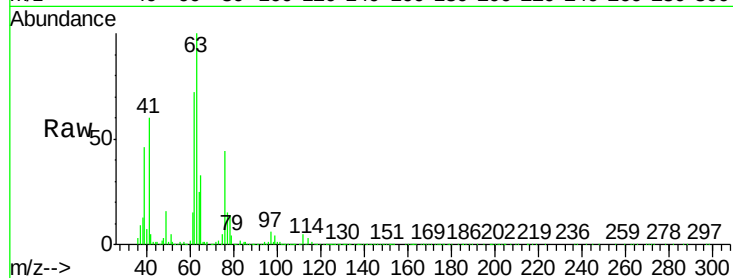
#45
 1,2-Dichloropropane
 Concen: 18.906 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX014949.D
 Acq: 18 Feb 2020 11:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0218WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.8	24.9	37.3

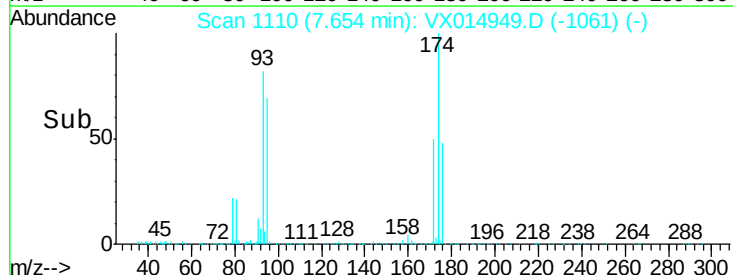
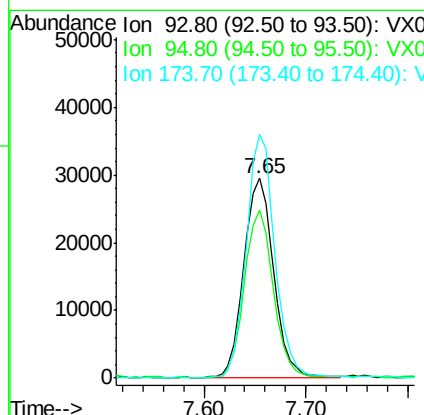
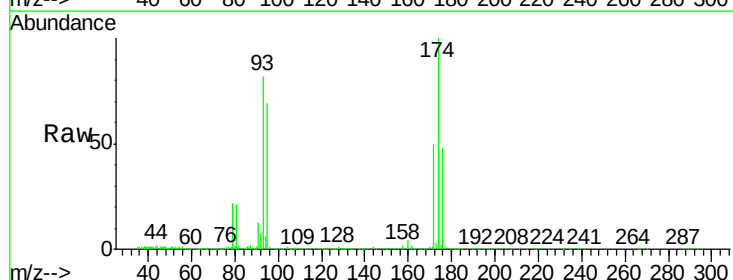
Manual Integrations
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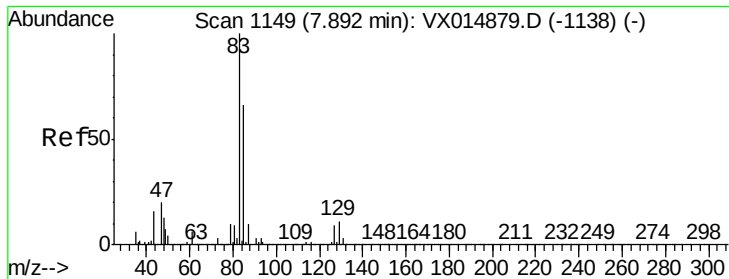
MMDadoda
 2/19/2020 12:14:44 PM



#46
 Dibromomethane
 Concen: 18.922 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX014949.D
 Acq: 18 Feb 2020 11:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	80.4	65.8	98.8
174	116.4	95.4	143.2





#47

Bromodichloromethane

Concen: 18.667 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX014949.D

Acq: 18 Feb 2020 11:05

Instrument :

MSVOA_X

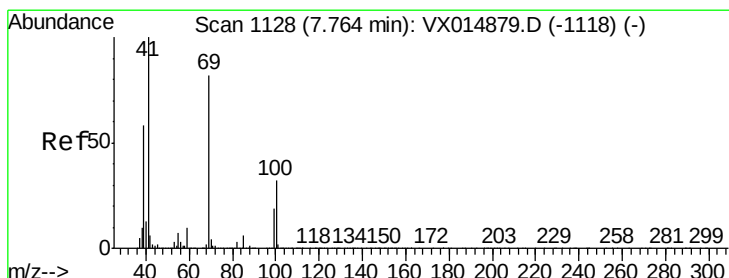
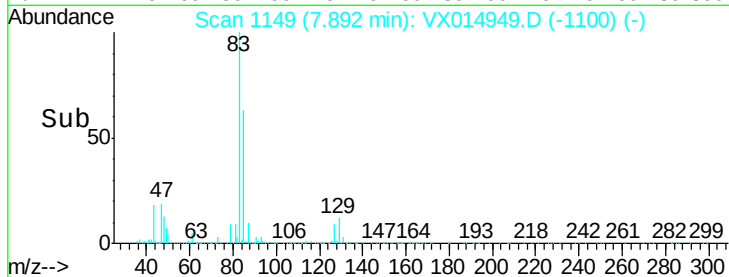
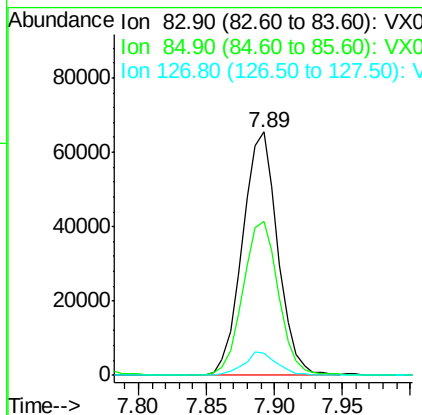
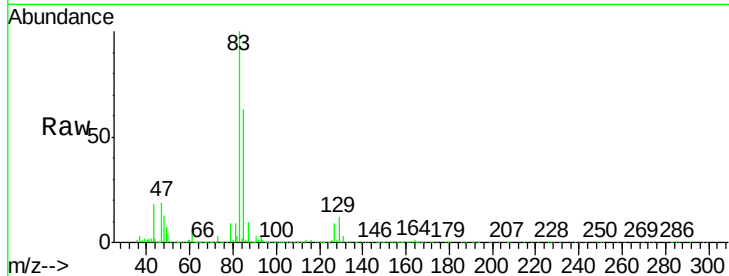
ClientSampleId :

VX0218WBS01

Tot Ion:	83	Resp:	118162
Ion Ratio	Lower	Upper	
83	100		
85	63.3	52.5	78.7
127	8.8	7.4	11.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.411 ug/l

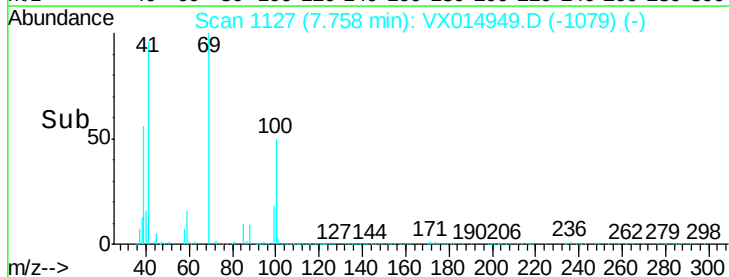
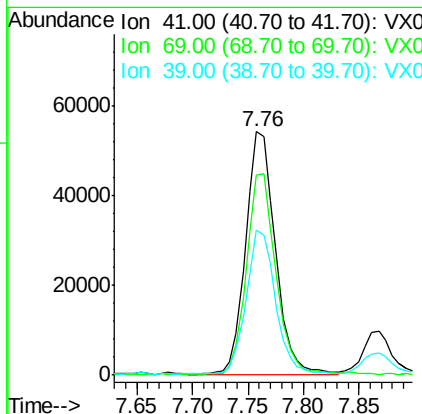
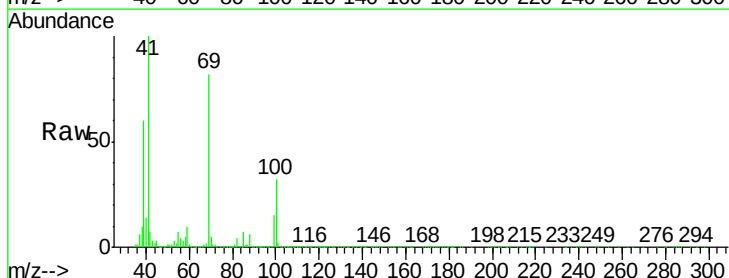
RT: 7.76 min Scan# 1127

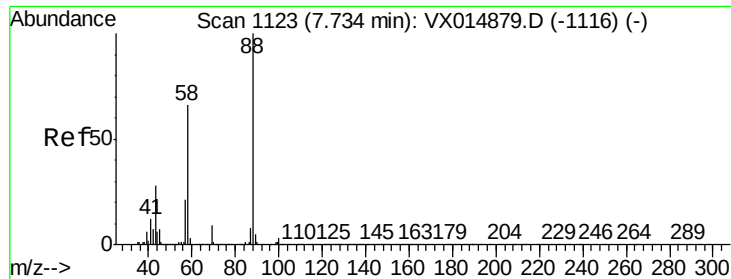
Delta R.T. -0.01 min

Lab File: VX014949.D

Acq: 18 Feb 2020 11:05

Tgt Ion:	41	Resp:	100743
Ion Ratio	Lower	Upper	
41	100		
69	81.6	65.7	98.5
39	58.8	45.8	68.8





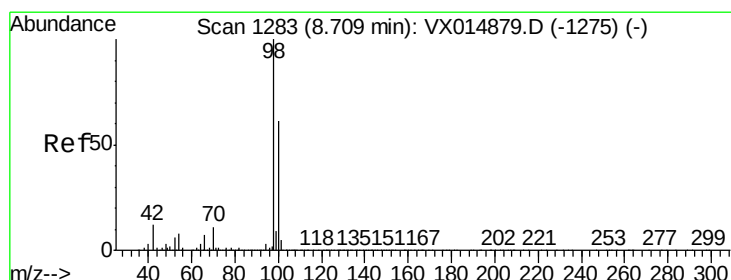
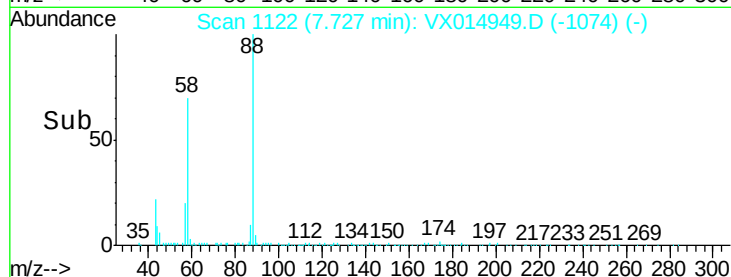
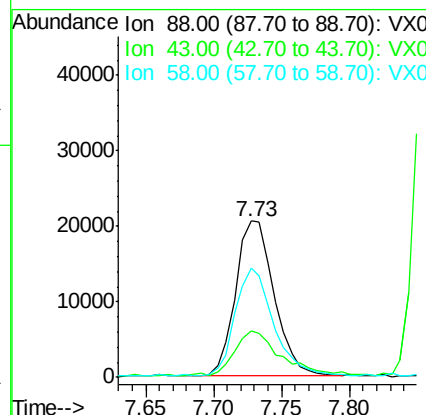
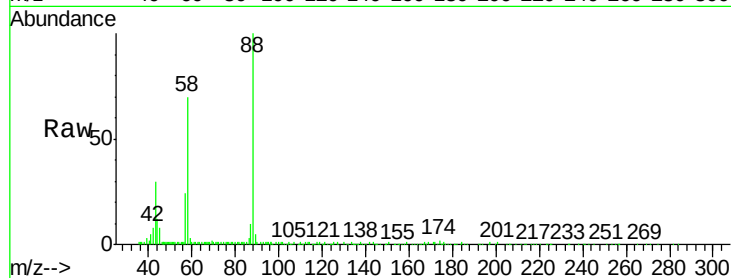
#49
1,4-Dioxane
Concen: 420.619 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX014949.D
Acq: 18 Feb 2020 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX0218WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.3	27.0	40.4
58	69.3	53.2	79.8

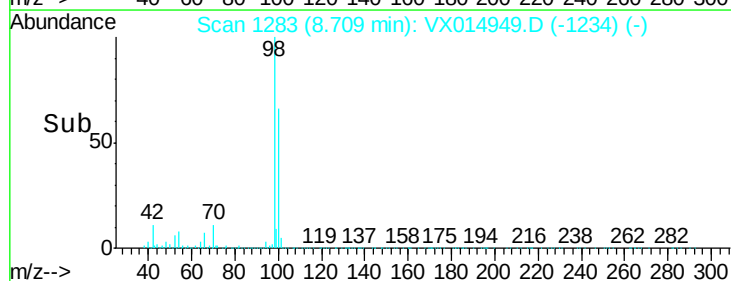
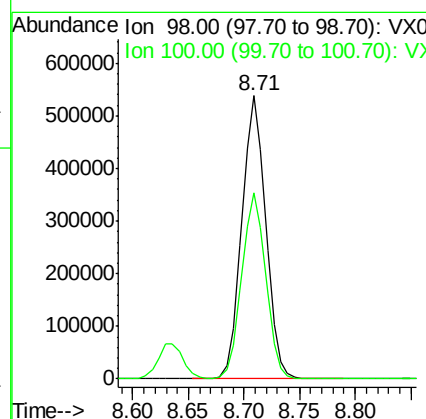
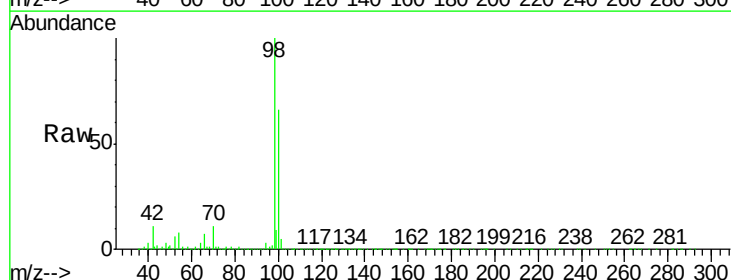
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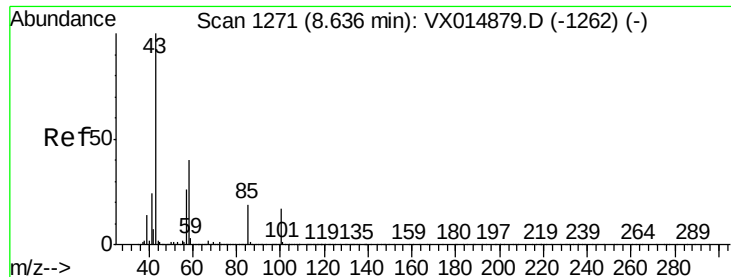
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#50
Toluene-d8
Concen: 49.789 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX014949.D
Acq: 18 Feb 2020 11:05

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 100.300 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014949.D

Acq: 18 Feb 2020 11:05

Instrument :

MSVOA_X

ClientSampled :

VX0218WBS01

Tot Ion: 43 Resp: 638690

Ion Ratio Lower Upper

43 100

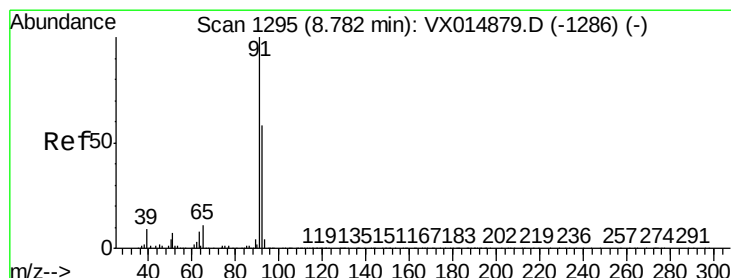
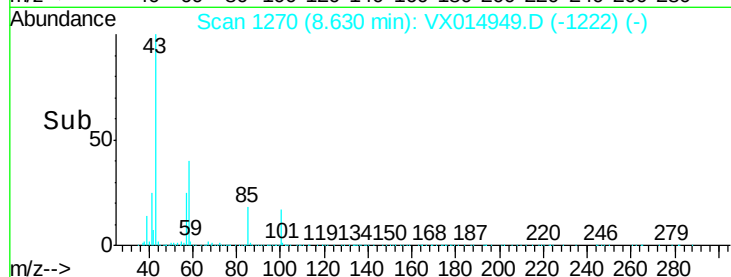
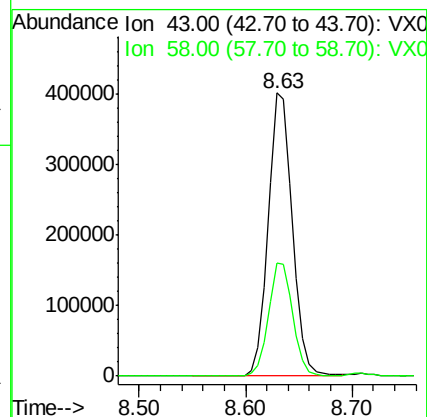
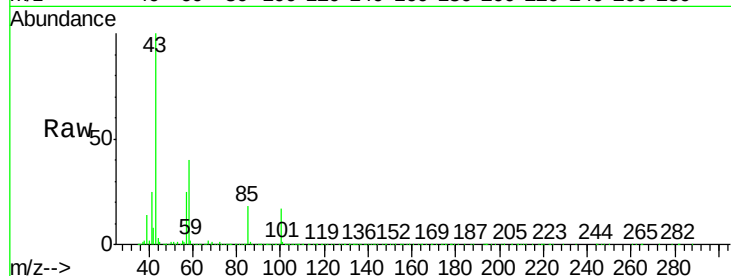
58 40.2 31.9 47.9

Manual Integrations

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2/19/2020 12:14:44 PM



#52

Toluene

Concen: 18.884 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014949.D

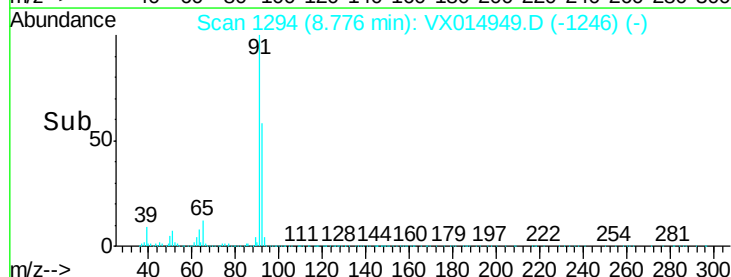
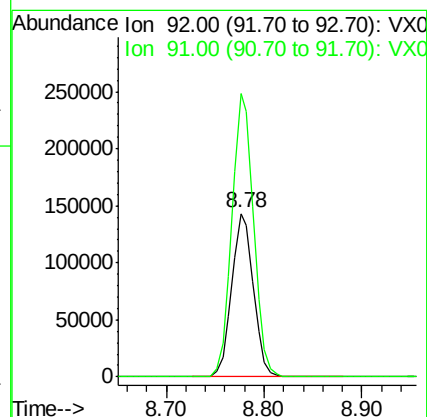
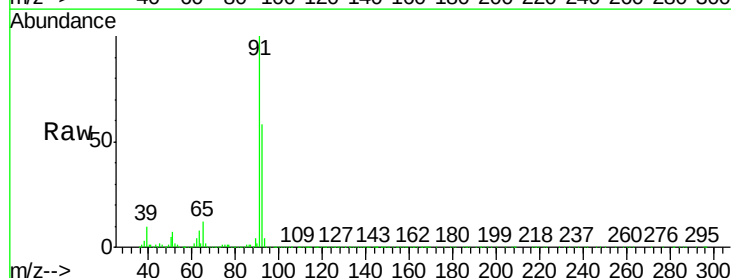
Acq: 18 Feb 2020 11:05

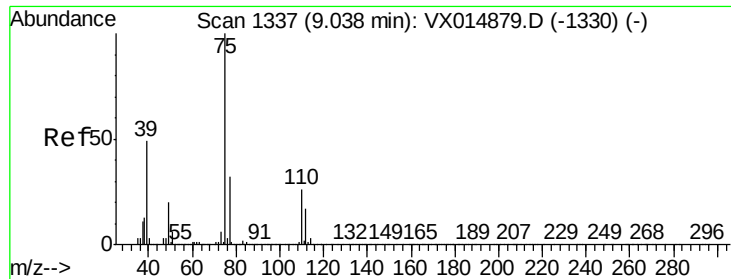
Tgt Ion: 92 Resp: 219653

Ion Ratio Lower Upper

92 100

91 172.8 137.0 205.4





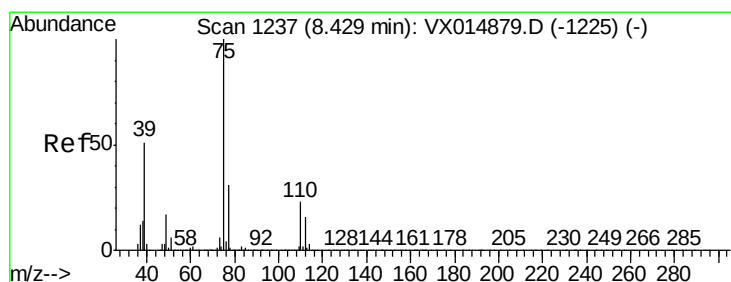
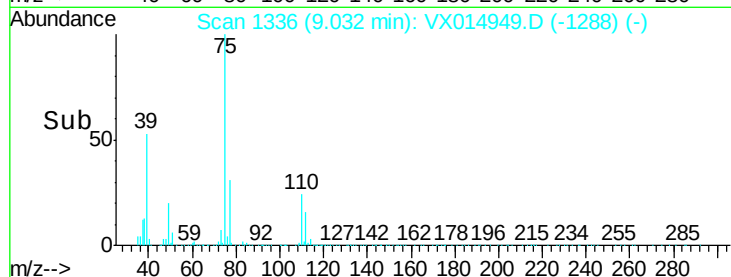
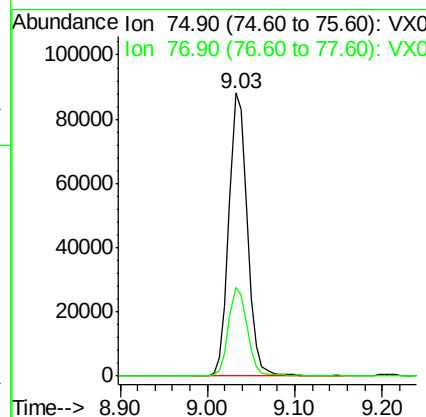
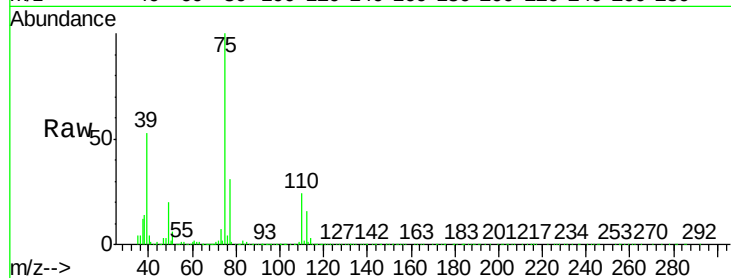
#53
t-1,3-Dichloropropene
Concen: 18.483 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014949.D
Acq: 18 Feb 2020 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX0218WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.0	25.5	38.3

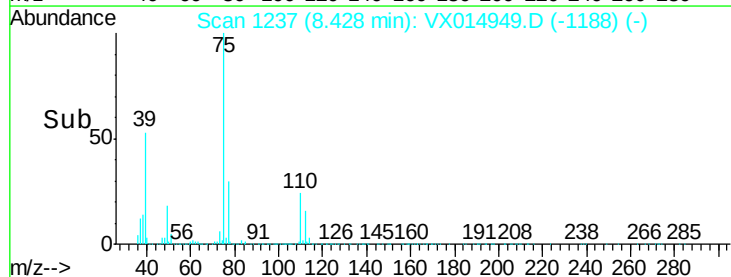
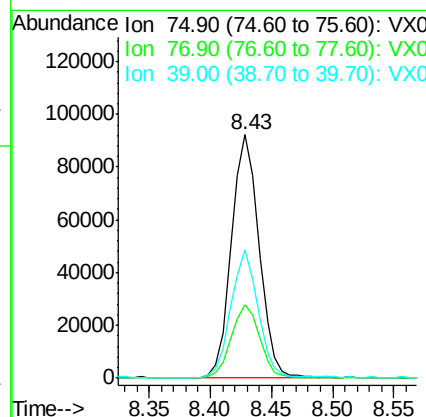
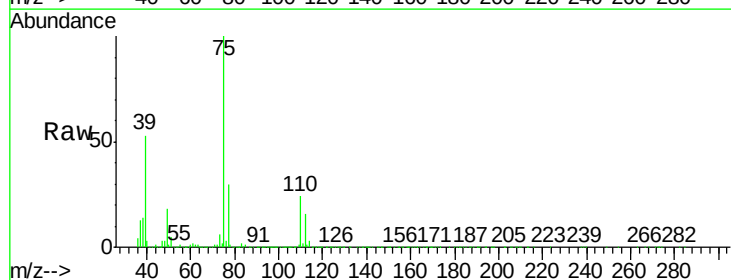
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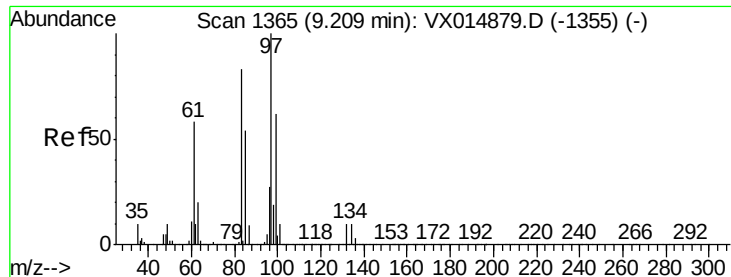
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 18.781 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX014949.D
Acq: 18 Feb 2020 11:05

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.1	24.6	37.0
39	52.6	40.9	61.3





#55

1,1,2-Trichloroethane

Concen: 19.552 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX014949.D

Acq: 18 Feb 2020 11:05

Instrument :

MSVOA_X

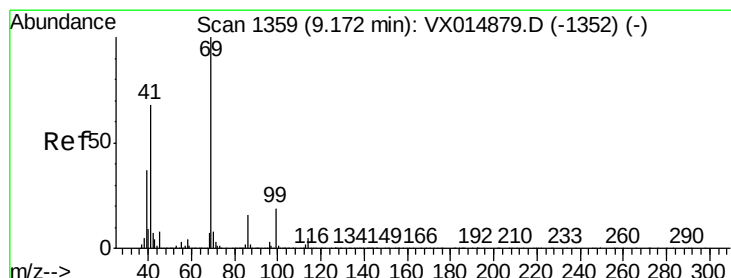
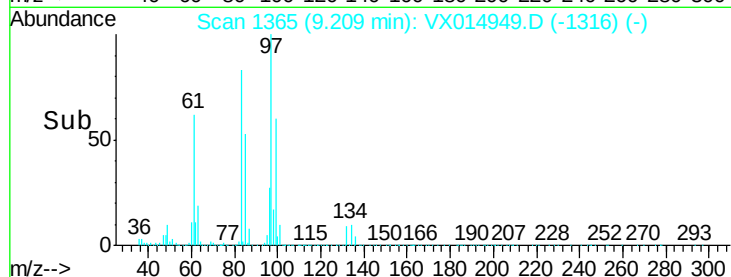
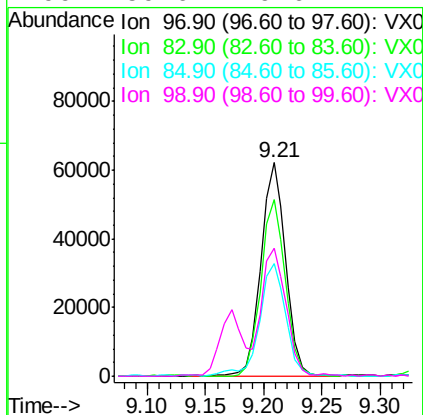
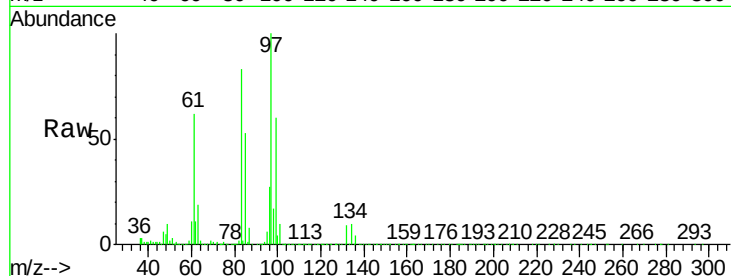
ClientSampleId :

VX0218WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		92011		
83	82.6	66.6	99.8		
85	52.4	43.5	65.3		
99	59.6	49.6	74.4		

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#56

Ethyl methacrylate

Concen: 19.118 ug/l

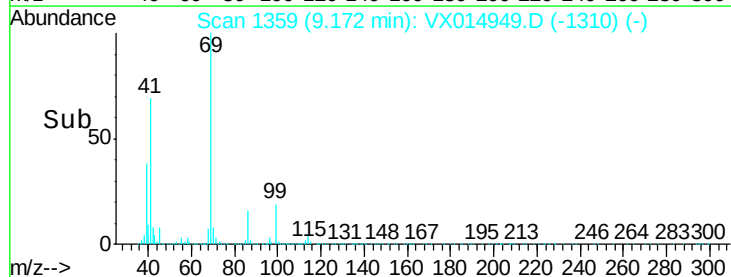
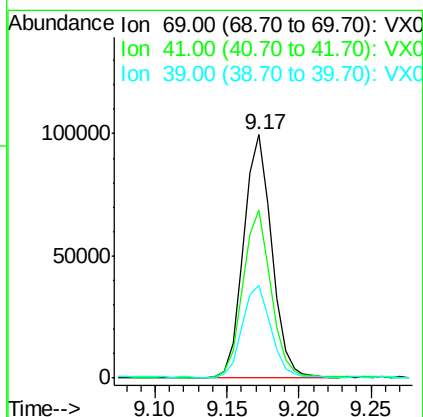
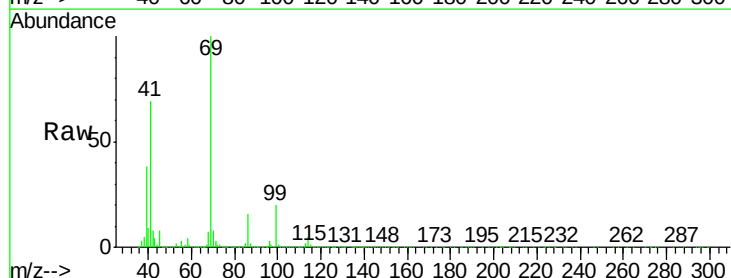
RT: 9.17 min Scan# 1359

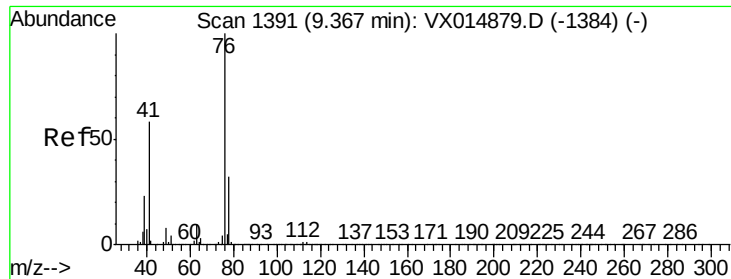
Delta R.T. -0.00 min

Lab File: VX014949.D

Acq: 18 Feb 2020 11:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		135232		
41	68.1	54.8	82.2		
39	38.5	29.9	44.9		





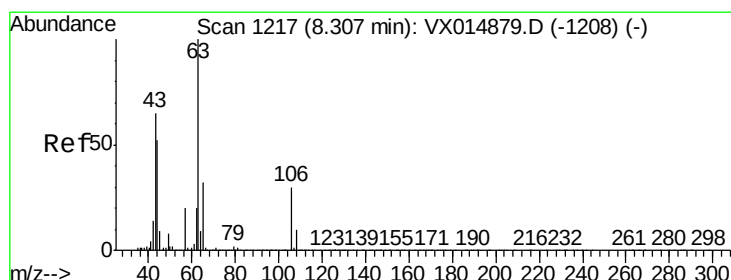
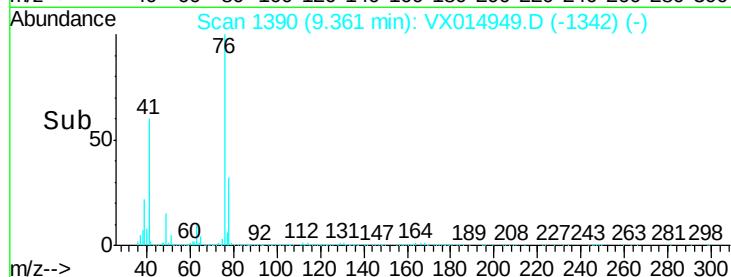
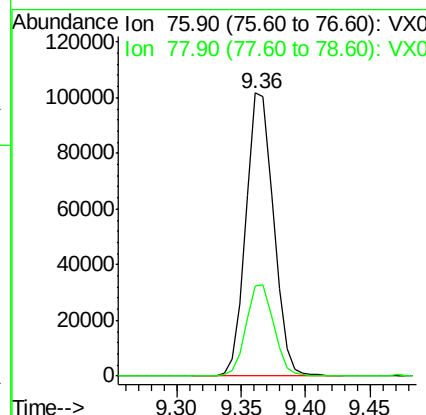
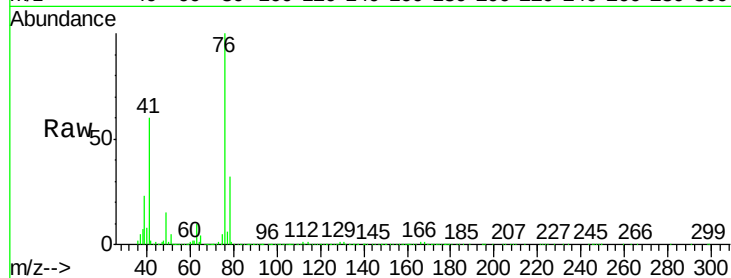
#57
 1,3-Dichloropropane
 Concen: 19.037 ug/l
 RT: 9.36 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: VX014949.D
 Acq: 18 Feb 2020 11:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0218WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	25.8	38.8

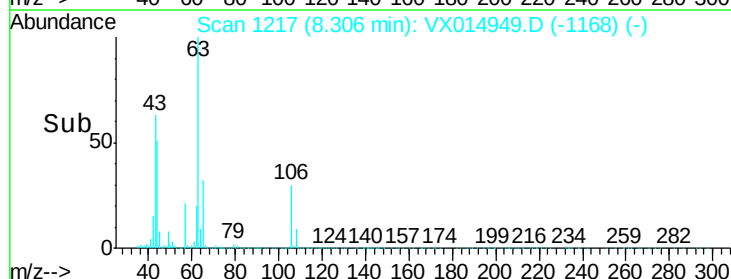
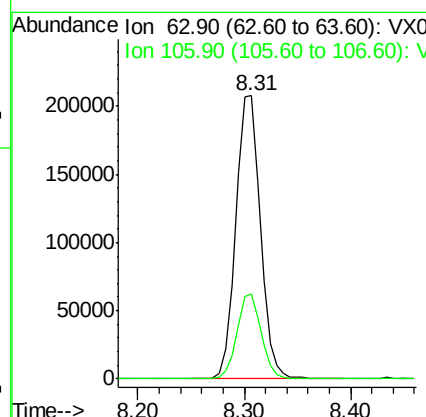
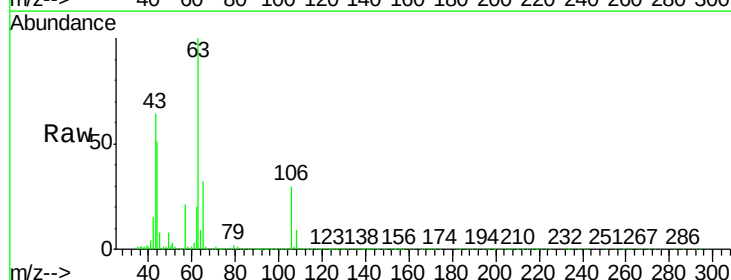
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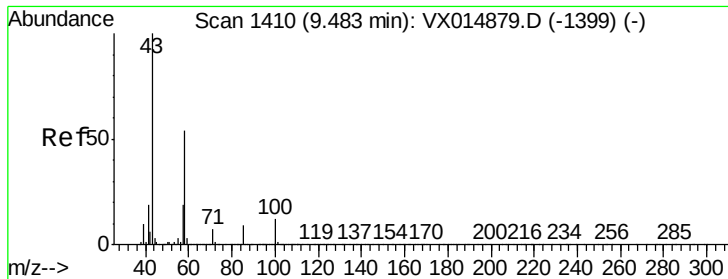
MMDadoda
 2/19/2020 12:14:44 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 91.222 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX014949.D
 Acq: 18 Feb 2020 11:05

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.7	23.8	35.8





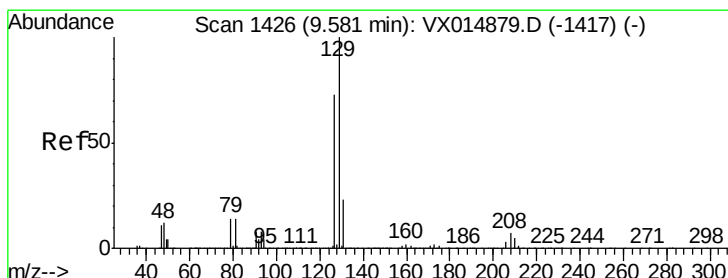
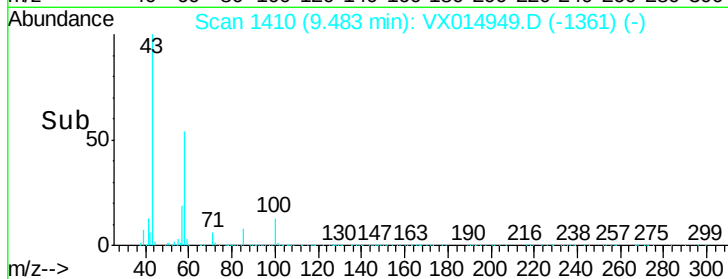
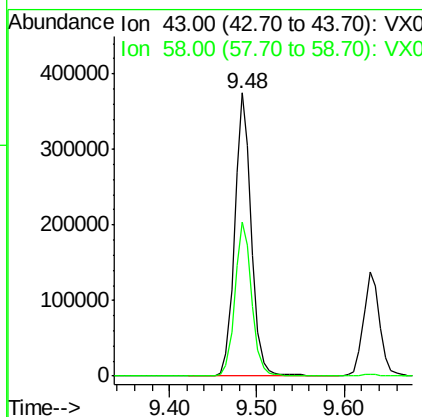
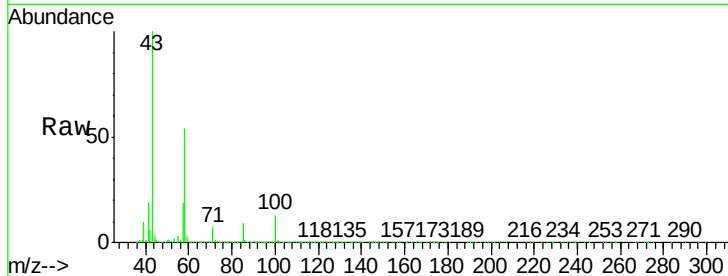
#59
2-Hexanone
Concen: 99.650 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX014949.D
Acq: 18 Feb 2020 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX0218WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.3	27.5	82.5

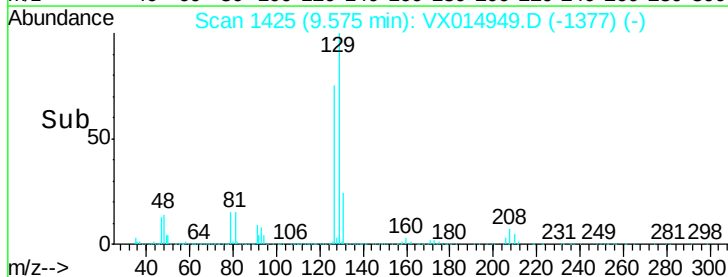
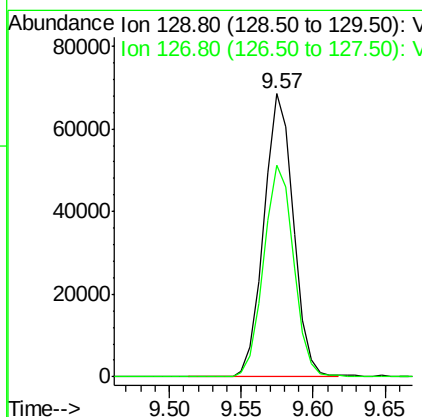
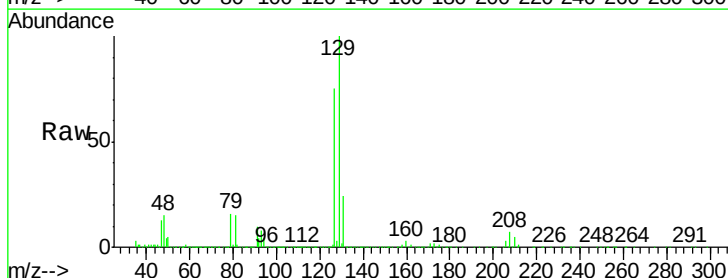
Manual Integrations
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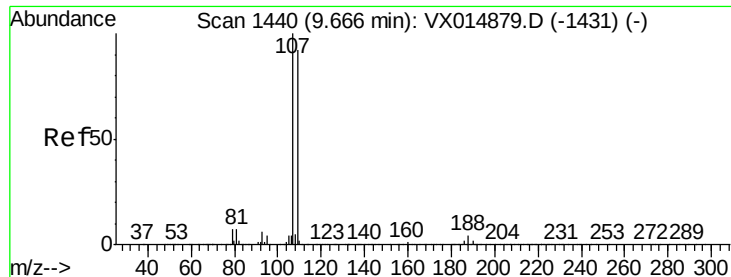
MMDadoda
2/19/2020 12:14:44 PM



#60
Dibromochloromethane
Concen: 19.140 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014949.D
Acq: 18 Feb 2020 11:05

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.1	37.8	113.3





#61

1,2-Dibromoethane

Concen: 18.794 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX014949.D

Acq: 18 Feb 2020 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0218WBS01

Tot Ion: 107 Resp: 95427

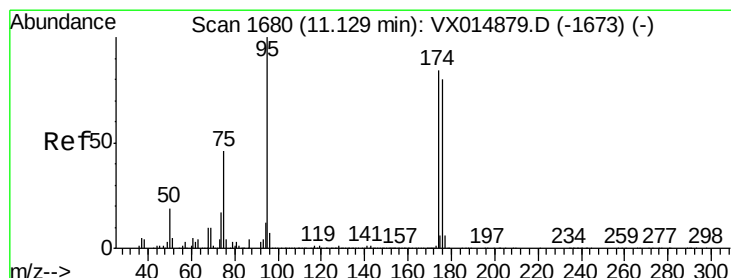
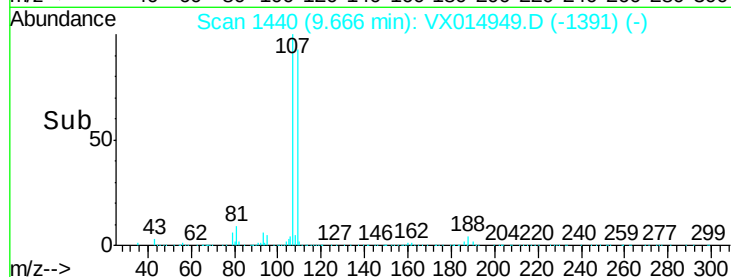
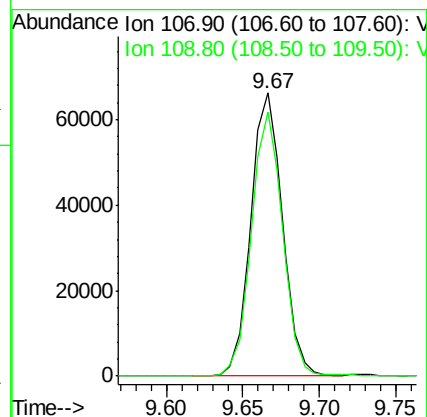
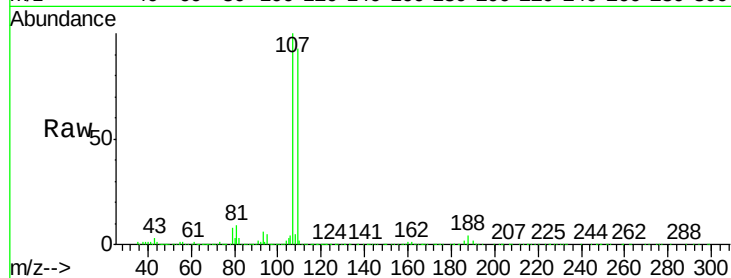
Ion Ratio Lower Upper

107 100

109 91.7 75.6 113.4

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#62

4-Bromofluorobenzene

Concen: 49.816 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX014949.D

Acq: 18 Feb 2020 11:05

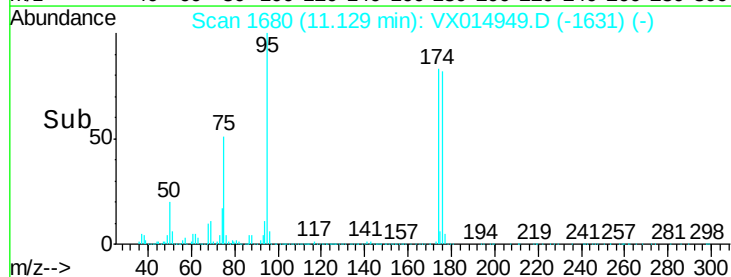
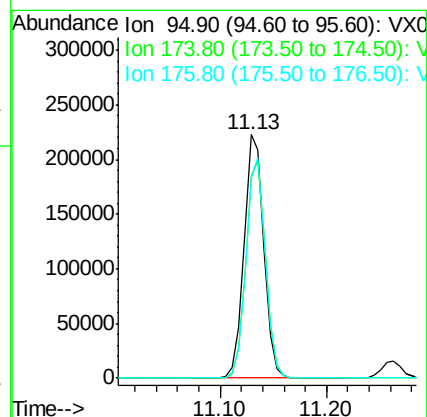
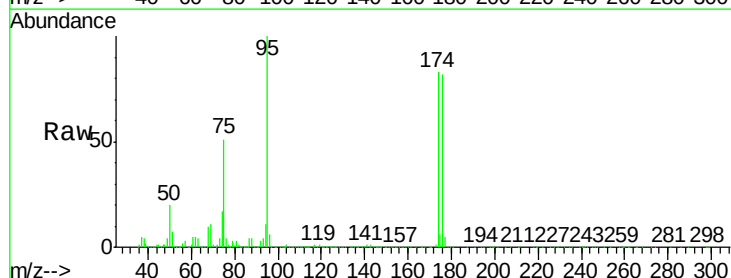
Tgt Ion: 95 Resp: 288548

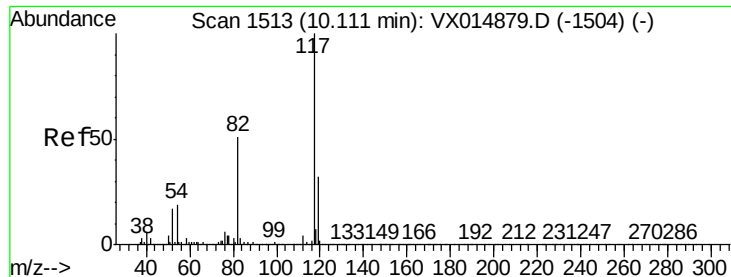
Ion Ratio Lower Upper

95 100

174 89.5 0.0 183.0

176 88.7 0.0 178.0





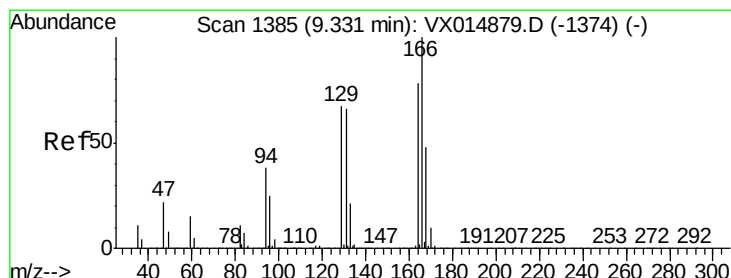
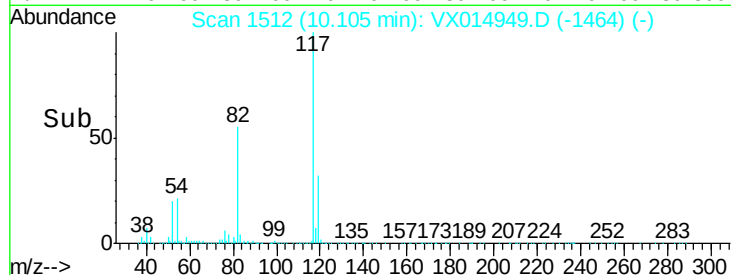
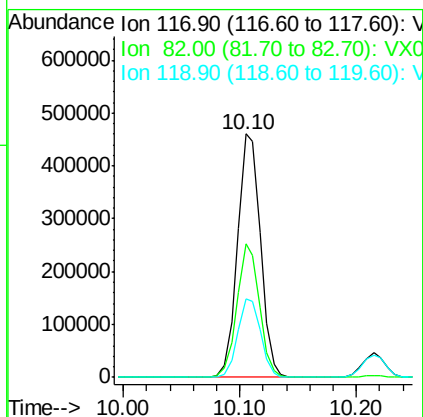
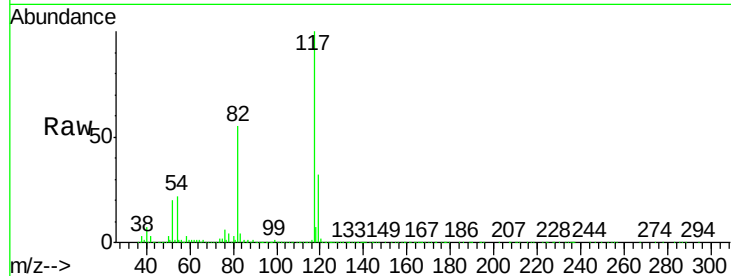
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014949.D
Acq: 18 Feb 2020 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX0218WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.5	40.5	60.7
119	32.4	25.8	38.6

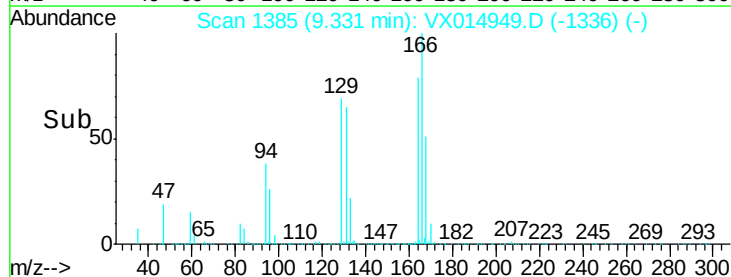
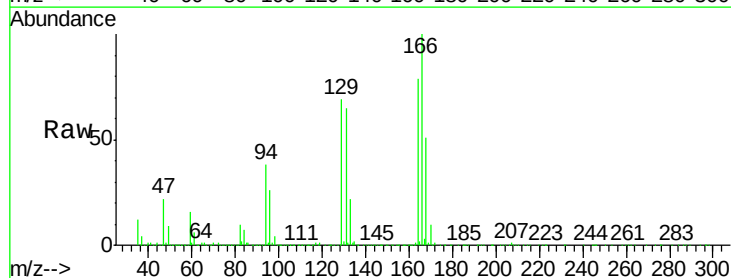
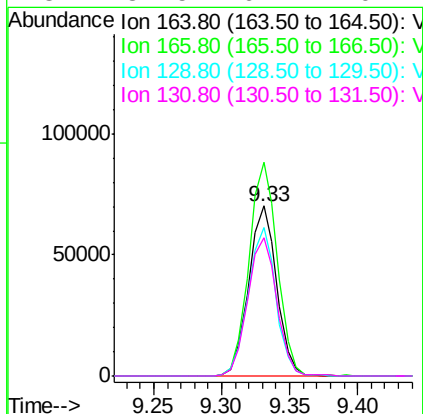
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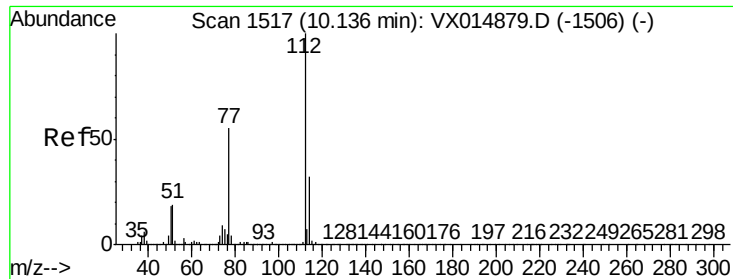
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#64
Tetrachloroethene
Concen: 17.119 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX014949.D
Acq: 18 Feb 2020 11:05

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.8	102.6	153.8
129	87.2	68.3	102.5
131	81.5	67.4	101.2





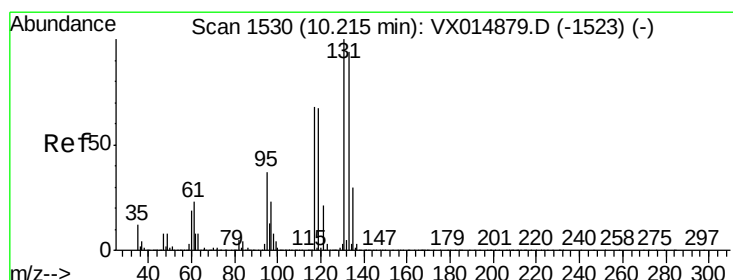
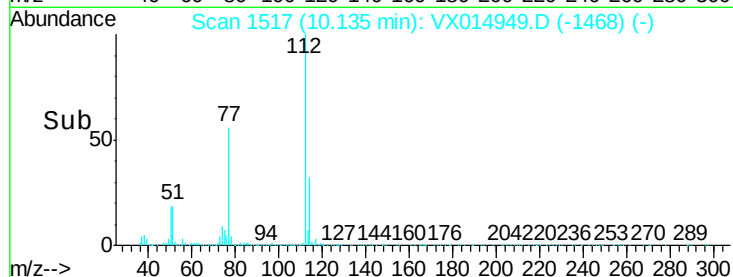
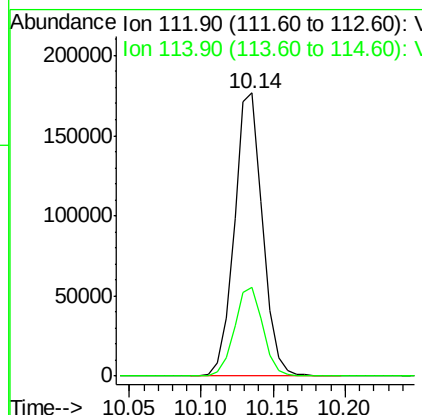
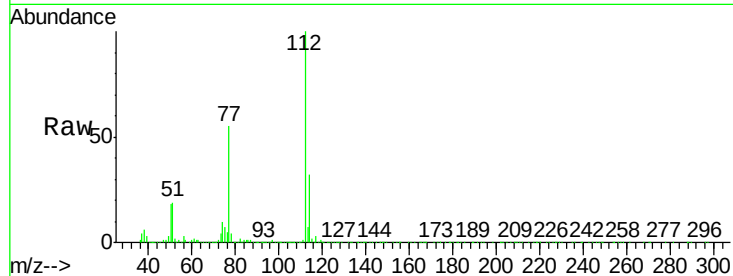
#65
Chlorobenzene
Concen: 18.752 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX014949.D
Acq: 18 Feb 2020 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX0218WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.5	25.6	38.4

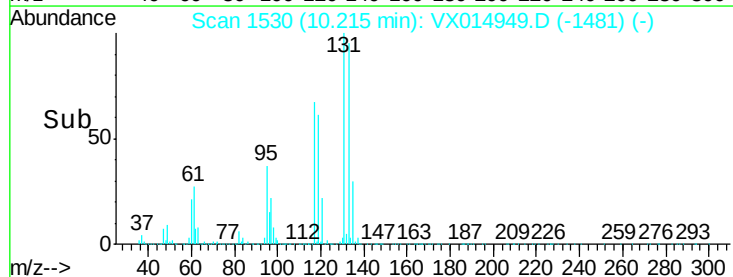
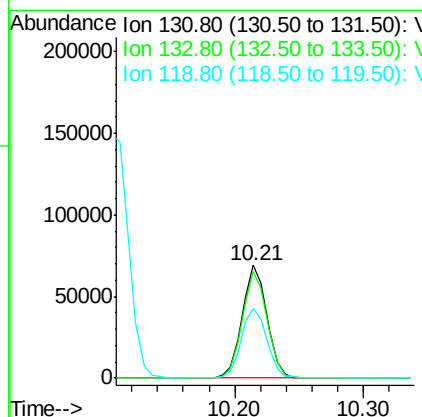
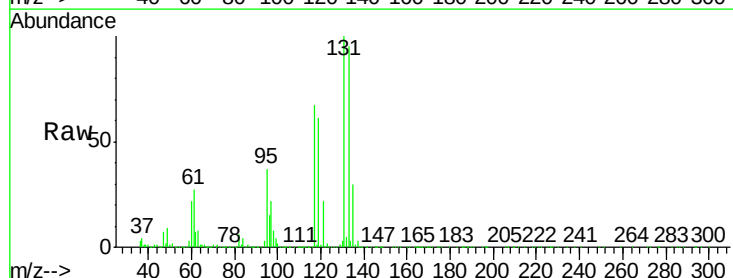
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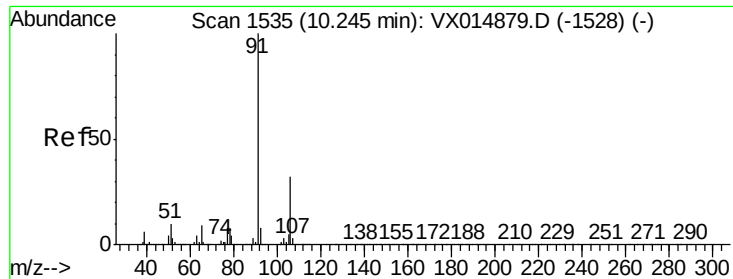
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.505 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX014949.D
Acq: 18 Feb 2020 11:05

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.0	48.1	144.4
119	64.1	33.0	99.0





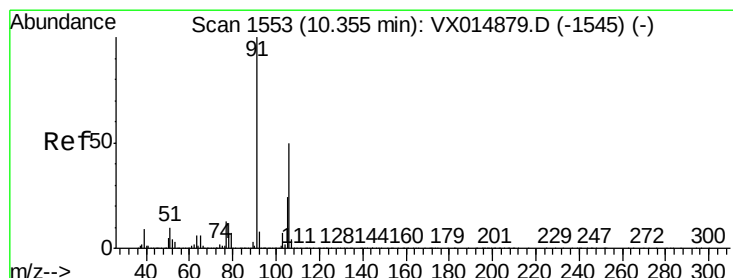
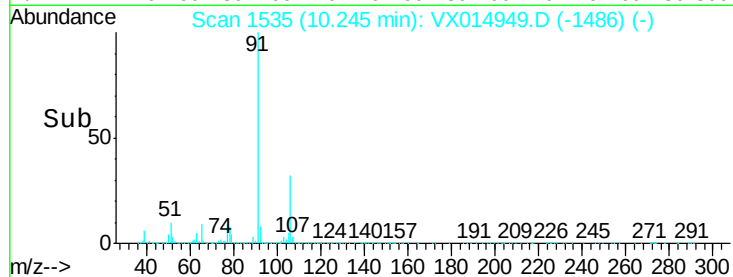
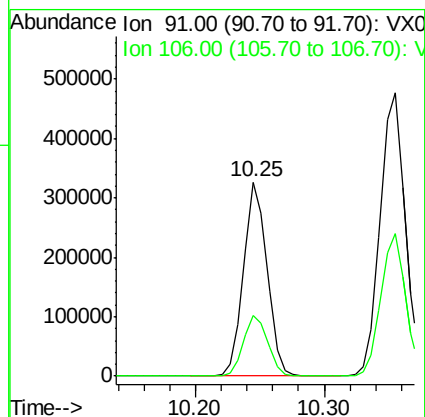
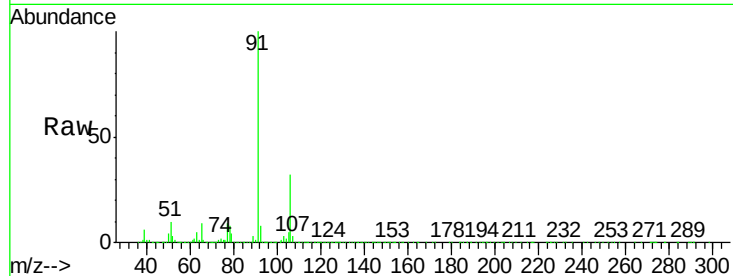
#67
Ethyl Benzene
Concen: 18.846 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX014949.D
Acq: 18 Feb 2020 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX0218WBS01

Tot Ion: 91 Resp: 412743
Ion Ratio Lower Upper
91 100
106 31.5 25.3 37.9

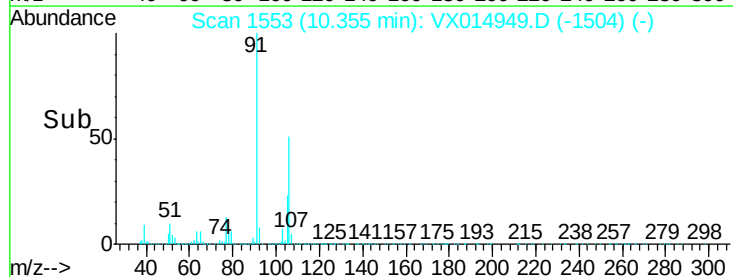
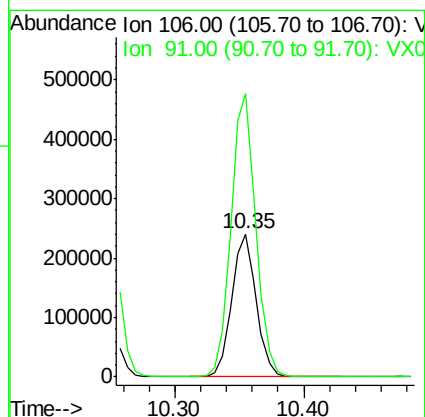
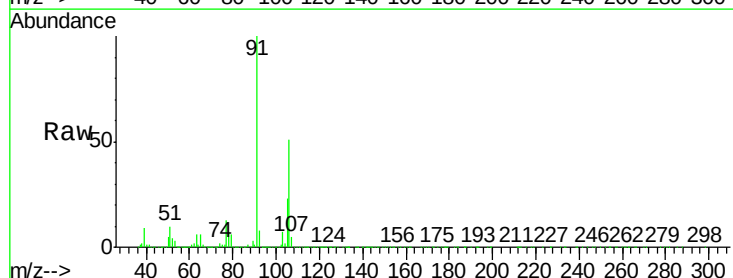
Manual Integrations
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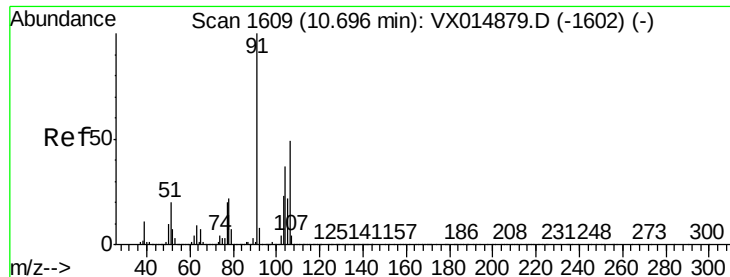
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#68
m/p-Xylenes
Concen: 37.792 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX014949.D
Acq: 18 Feb 2020 11:05

Tgt Ion: 106 Resp: 318843
Ion Ratio Lower Upper
106 100
91 200.4 160.6 240.8





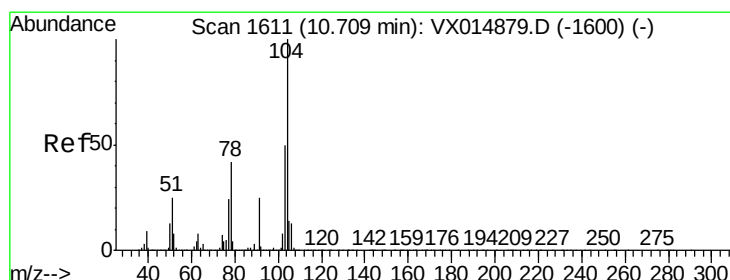
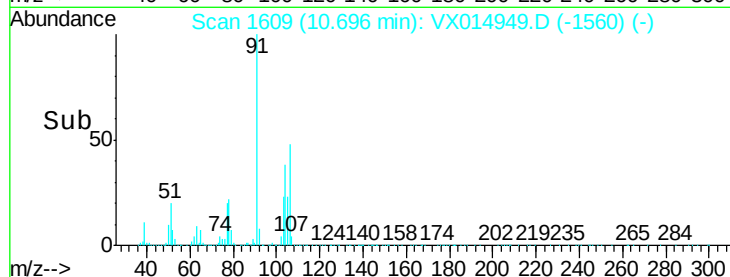
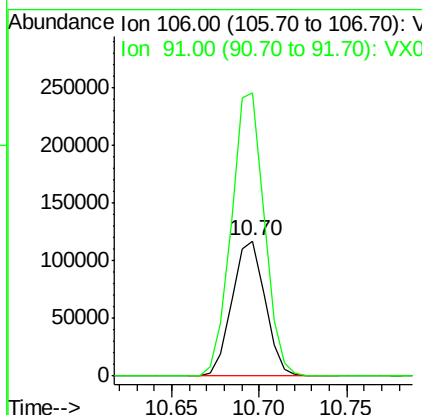
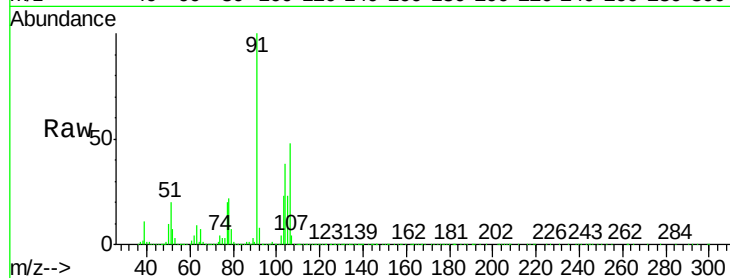
#69
o-Xylene
Concen: 19.020 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX014949.D
Acq: 18 Feb 2020 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX0218WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	209.0	105.1	315.3

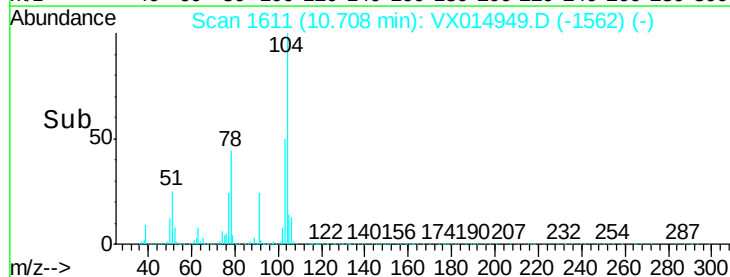
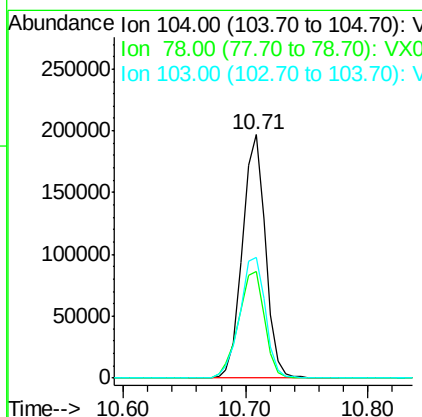
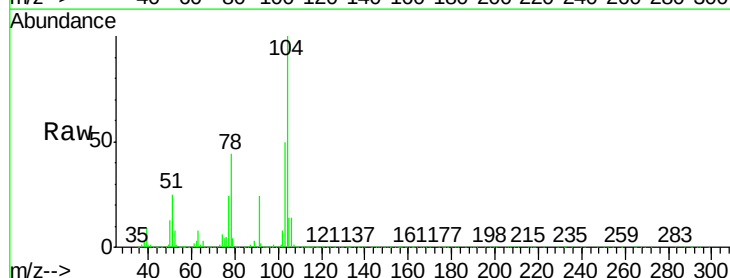
Manual Integrations
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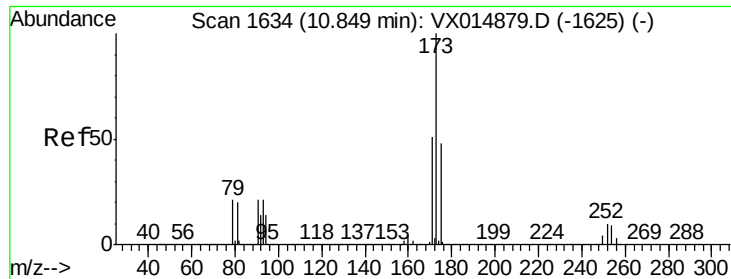
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#70
Styrene
Concen: 18.641 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014949.D
Acq: 18 Feb 2020 11:05

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.4	39.0	58.4
103	55.2	43.4	65.0





#71

Bromoform

Concen: 18.814 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VX014949.D

Acq: 18 Feb 2020 11:05

Instrument :

MSVOA_X

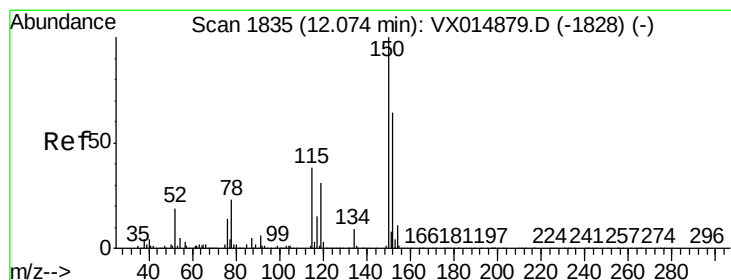
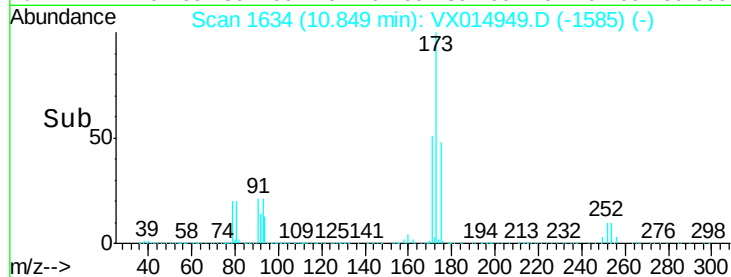
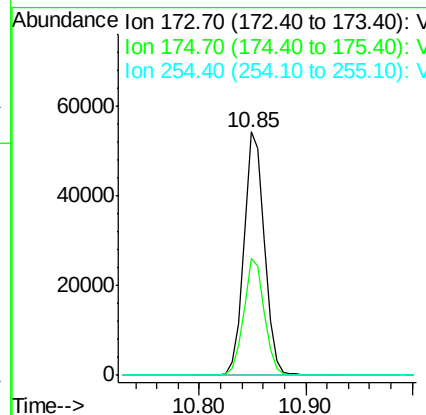
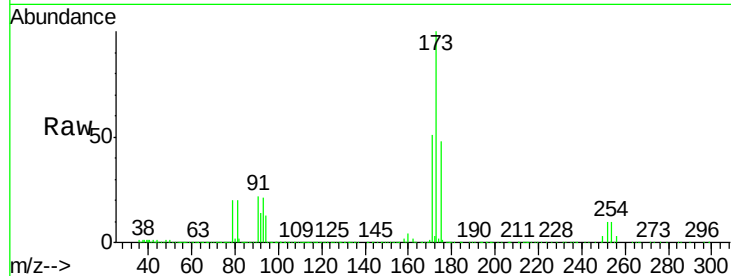
ClientSampleId :

VX0218WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.1	24.2	72.6
254	0.3	0.2	0.2

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

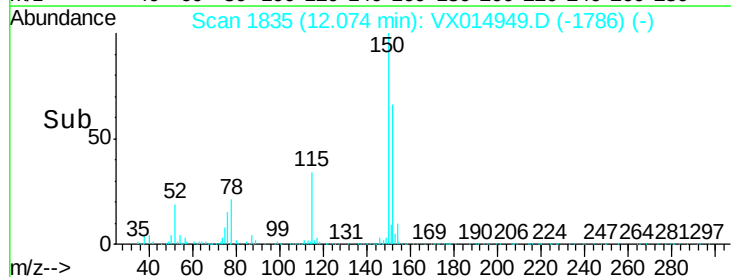
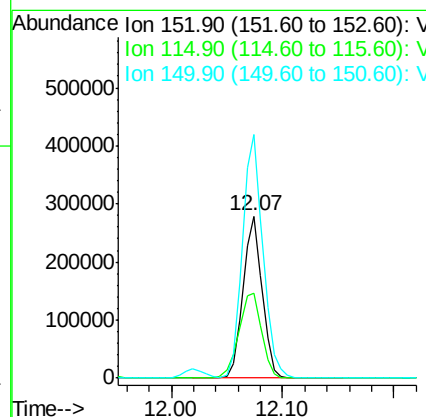
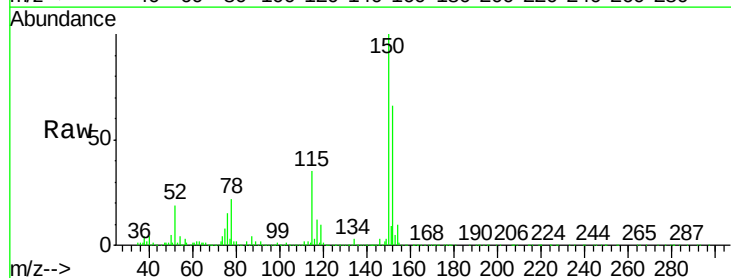
RT: 12.07 min Scan# 1835

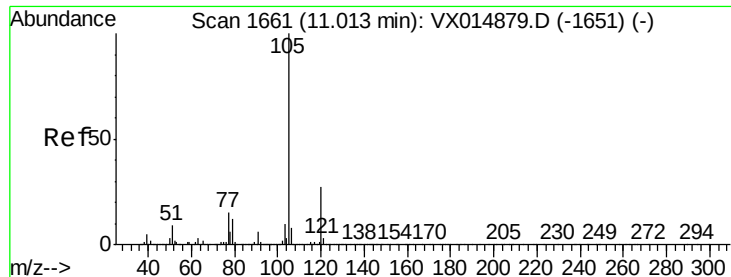
Delta R.T. -0.00 min

Lab File: VX014949.D

Acq: 18 Feb 2020 11:05

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.0	38.6	116.0
150	160.5	0.0	349.0





#73

Isopropylbenzene

Concen: 19.902 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX014949.D

Acq: 18 Feb 2020 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0218WBS01

Tot Ion: 105 Resp: 412313

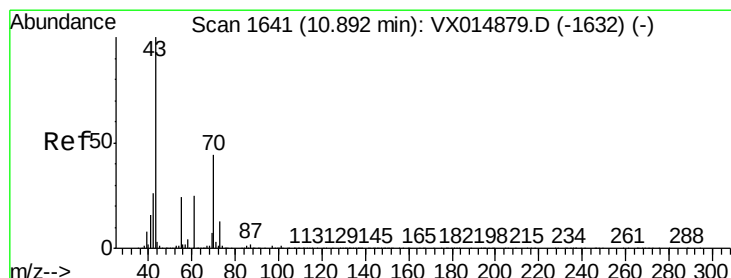
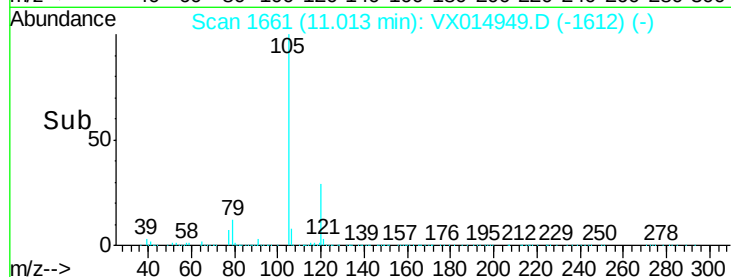
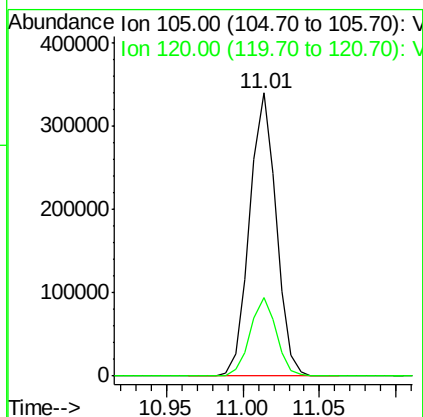
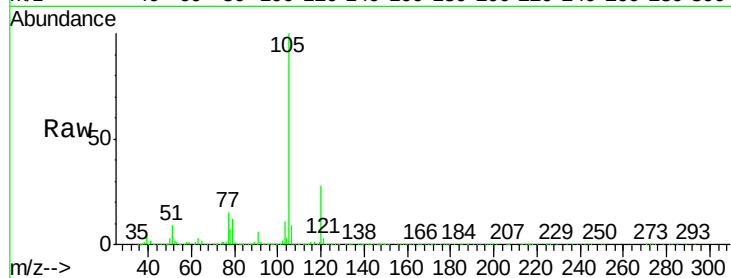
Ion Ratio Lower Upper

105 100

120 27.3 13.6 40.8

Manual Integrations
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#74

N-ethyl acetate

Concen: 19.716 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014949.D

Acq: 18 Feb 2020 11:05

Tgt Ion: 43 Resp: 169710

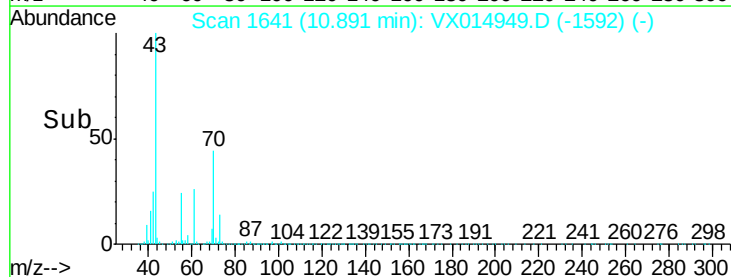
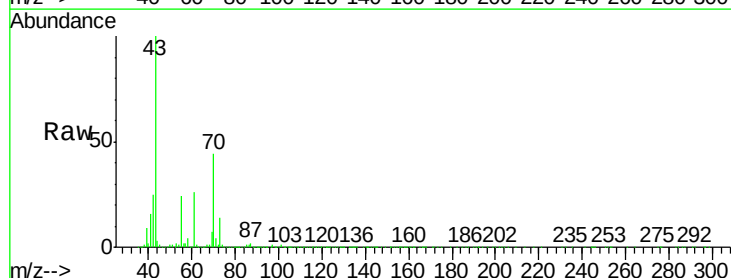
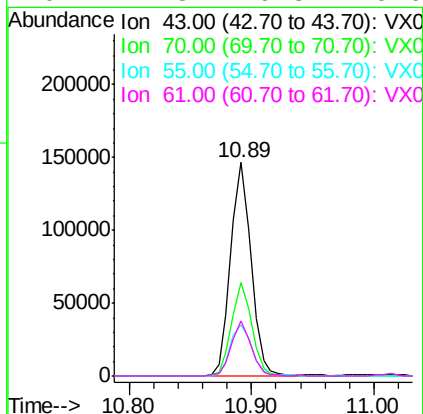
Ion Ratio Lower Upper

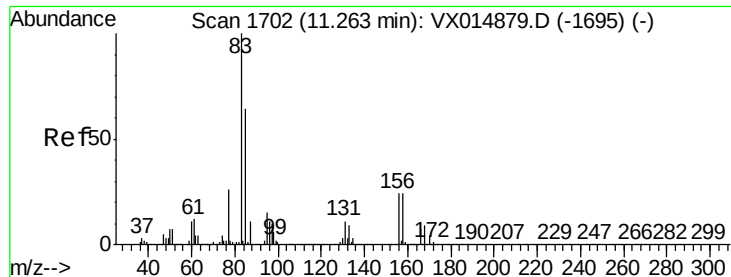
43 100

70 43.3 35.0 52.4

55 25.0 19.4 29.2

61 24.8 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.715 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014949.D

Acq: 18 Feb 2020 11:05

Instrument :

MSVOA_X

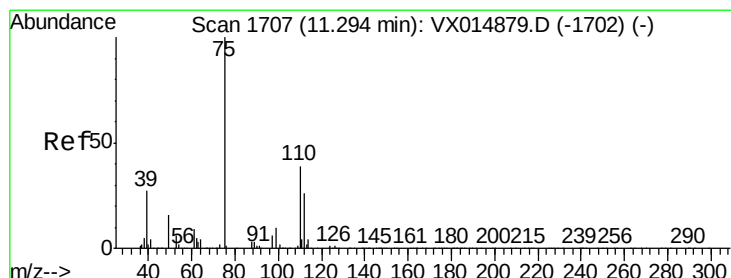
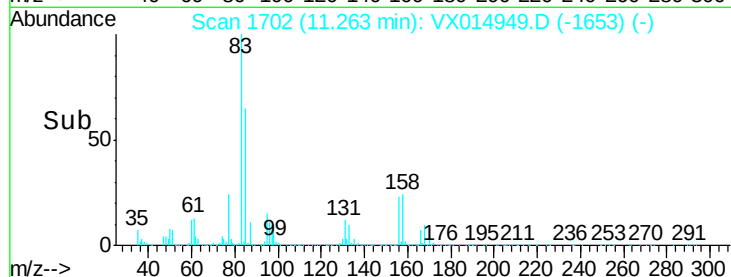
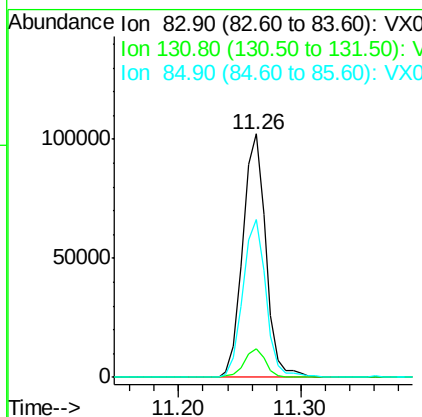
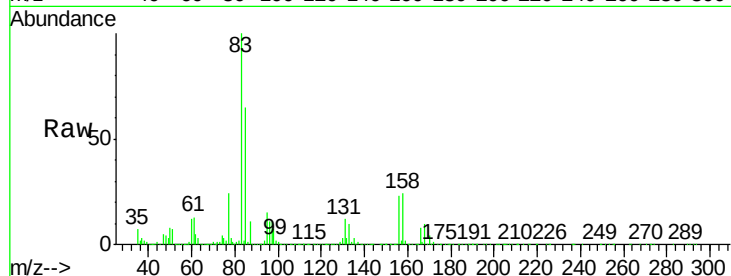
ClientSampleId :

VX0218WBS01

Tot Ion:	83	Resp:	133512
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.3	16.1
85	64.6	32.6	97.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 18.959 ug/l m

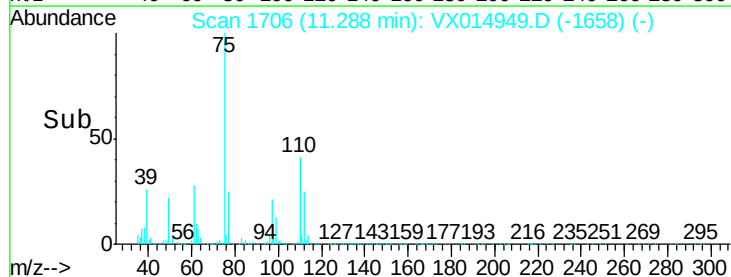
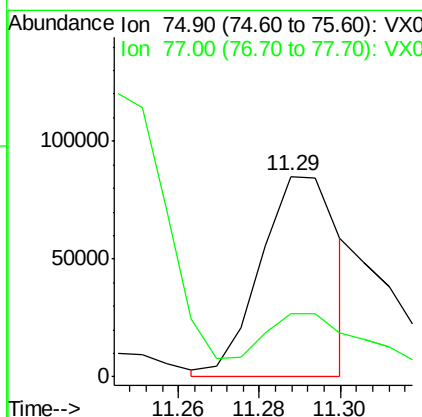
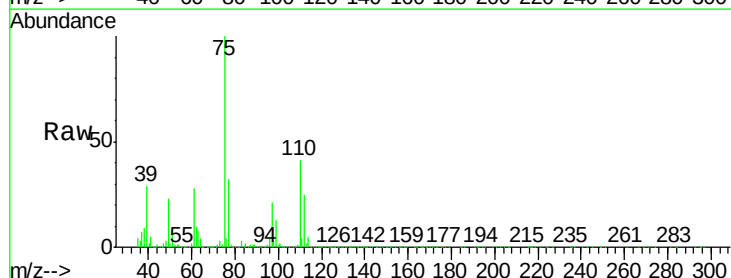
RT: 11.29 min Scan# 1706

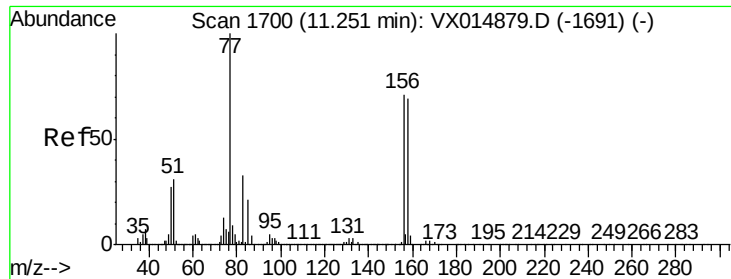
Delta R.T. -0.01 min

Lab File: VX014949.D

Acq: 18 Feb 2020 11:05

Tgt Ion:	75	Resp:	113256
Ion Ratio	Lower	Upper	
75	100		
77	44.4	18.4	55.0





#77

Bromobenzene

Concen: 18.916 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014949.D

Acq: 18 Feb 2020 11:05

Instrument :

MSVOA_X

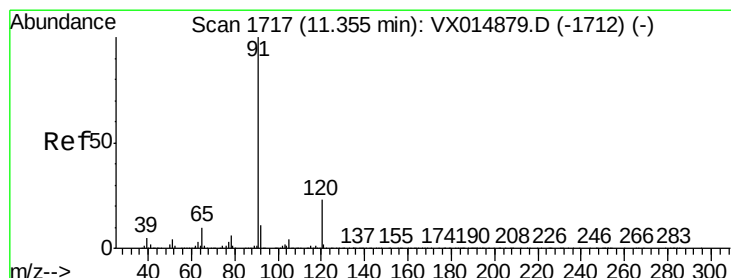
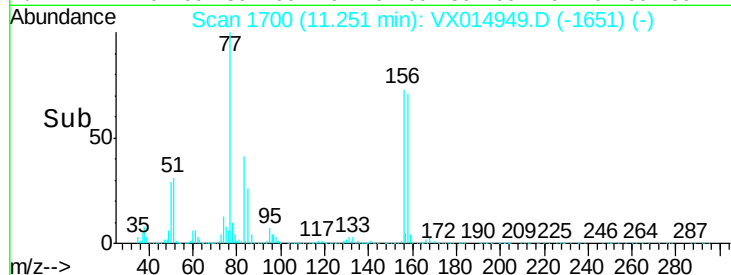
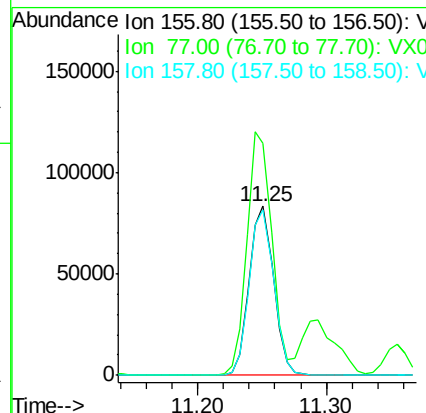
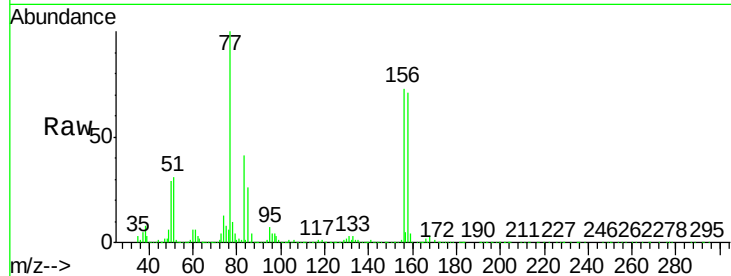
ClientSampleId :

VX0218WBS01

Tot Ion:	156	Resp:	109378
Ion Ratio	Lower	Upper	
156	100		
77	145.9	74.0	222.0
158	98.1	48.9	146.6

Manual Integrations
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#78

n-propylbenzene

Concen: 19.352 ug/l

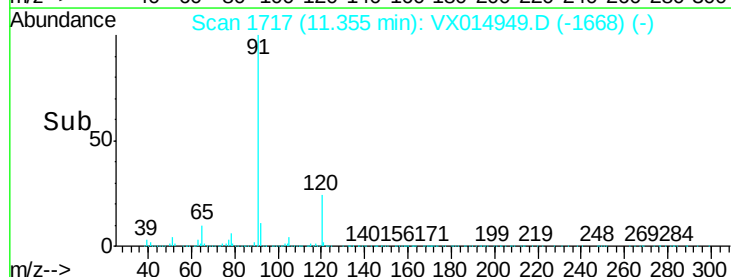
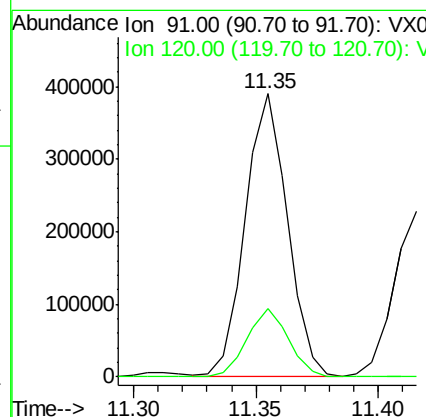
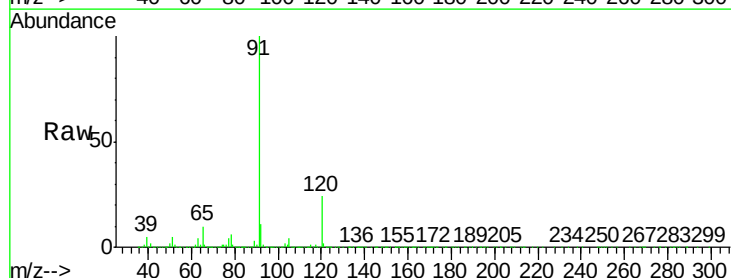
RT: 11.35 min Scan# 1717

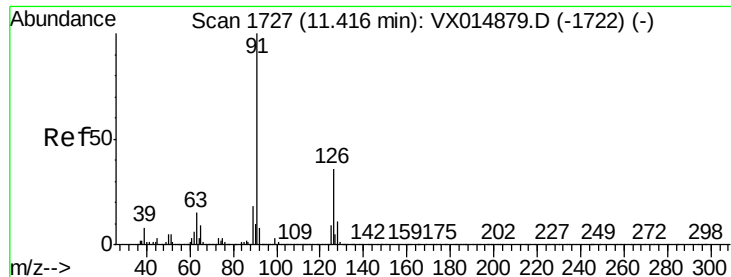
Delta R.T. -0.00 min

Lab File: VX014949.D

Acq: 18 Feb 2020 11:05

Tgt Ion:	91	Resp:	463685
Ion Ratio	Lower	Upper	
91	100		
120	23.8	11.8	35.4





#79

2-Chlorotoluene

Concen: 19.660 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX014949.D

Acq: 18 Feb 2020 11:05

Instrument :

MSVOA_X

ClientSampled :

VX0218WBS01

Tot Ion: 91 Resp: 276934

Ion Ratio Lower Upper

91 100

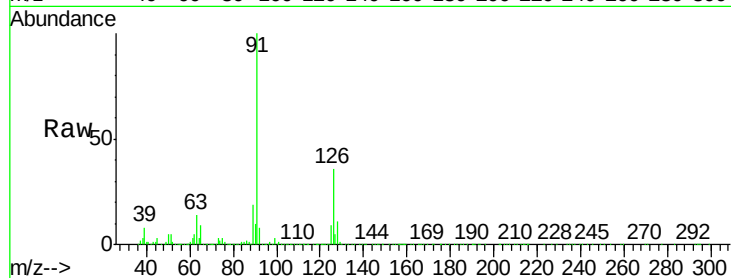
126 35.6 18.0 54.0

Manual Integrations

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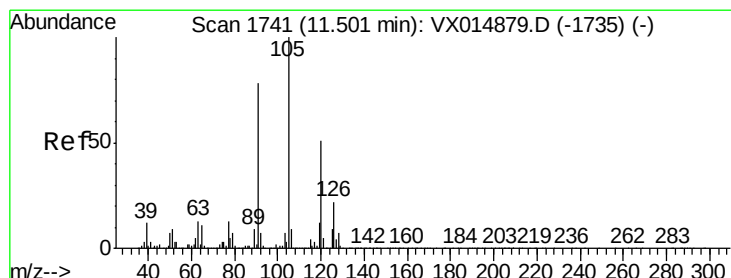
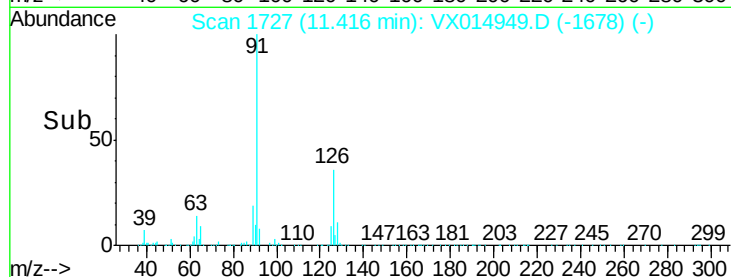
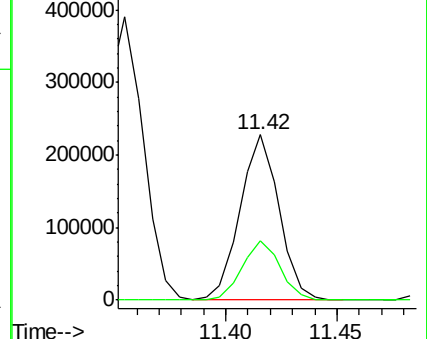
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.210 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX014949.D

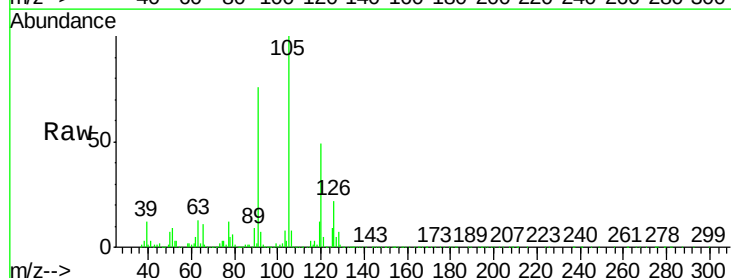
Acq: 18 Feb 2020 11:05

Tgt Ion: 105 Resp: 349835

Ion Ratio Lower Upper

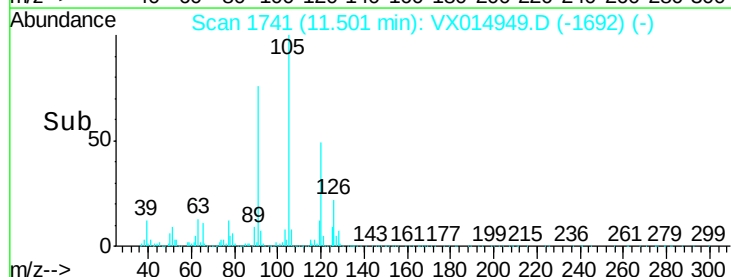
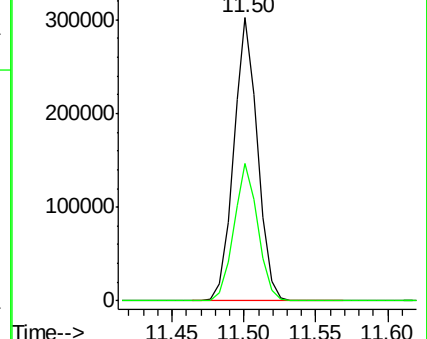
105 100

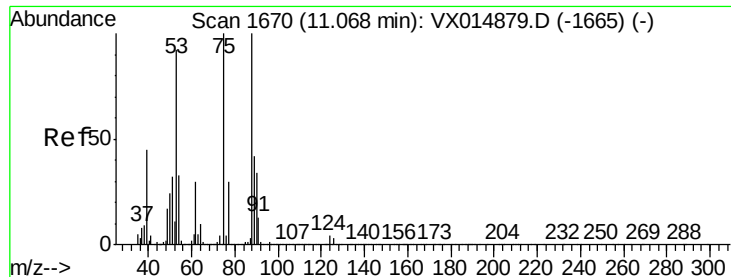
120 49.1 25.6 76.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





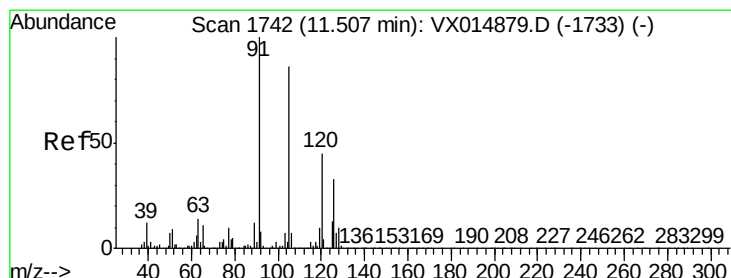
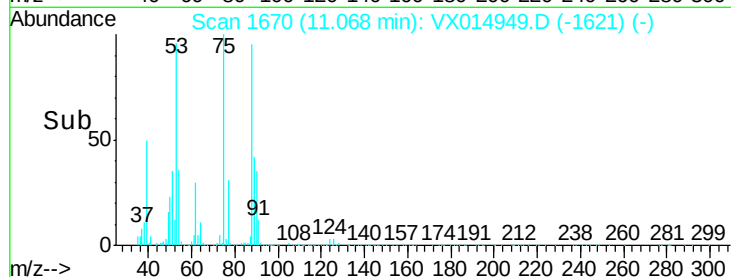
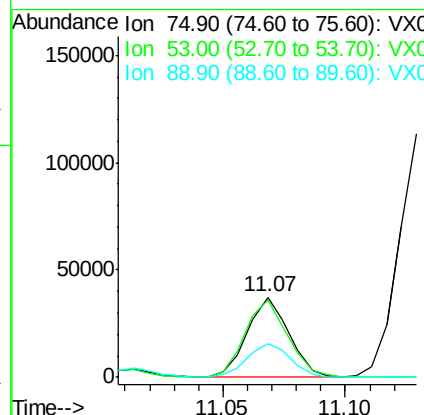
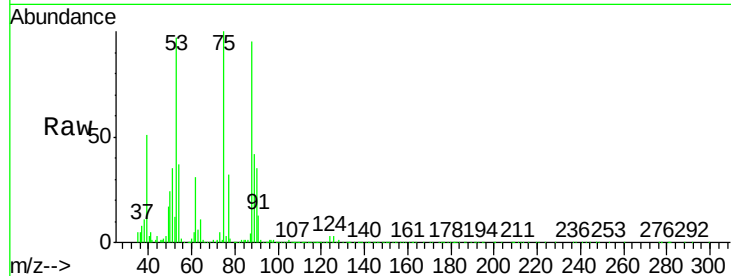
#81
trans-1,4-Dichloro-2-butene
Concen: 18.776 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX014949.D
Acq: 18 Feb 2020 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX0218WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.4	76.2	114.2
89	43.6	35.8	53.6

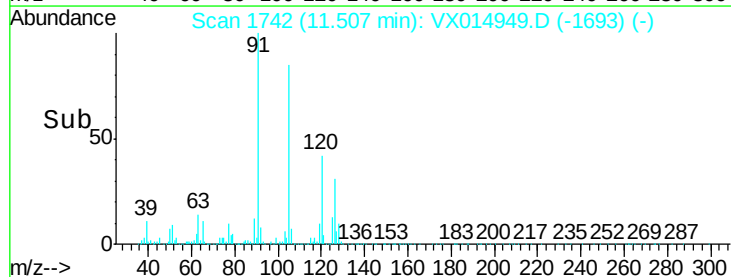
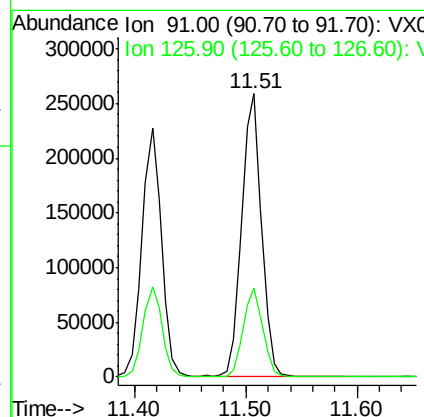
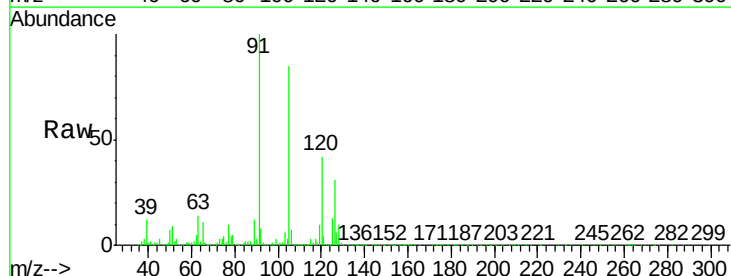
Manual Integrations
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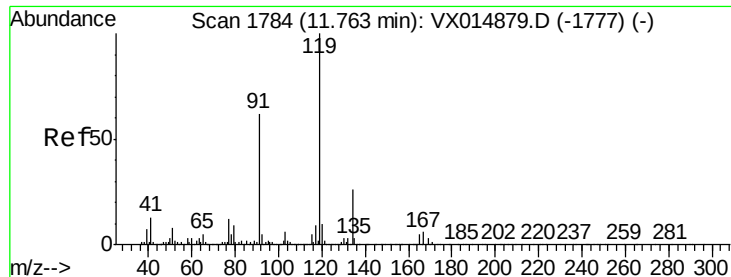
MMDadoda
2/19/2020 12:14:44 PM



#82
4-Chlorotoluene
Concen: 19.125 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX014949.D
Acq: 18 Feb 2020 11:05

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.8	15.7	47.0





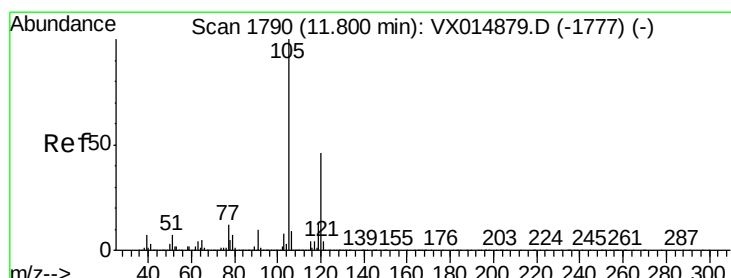
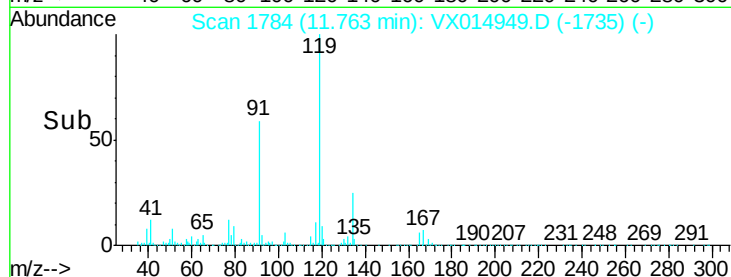
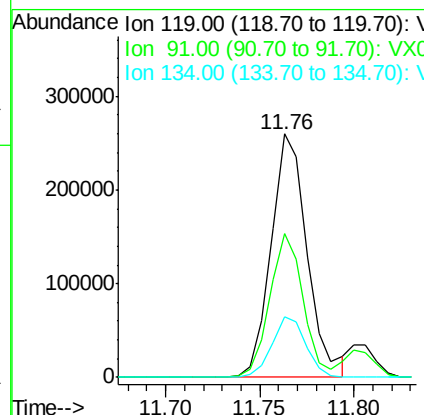
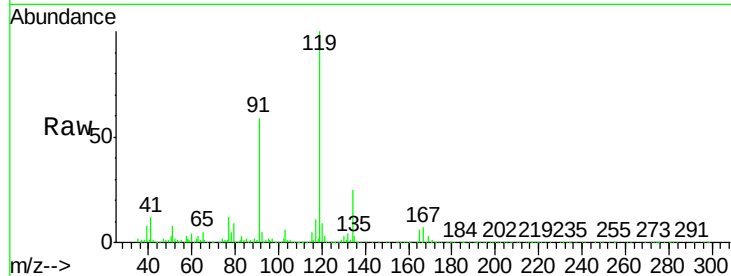
#83
tert-Butylbenzene
Concen: 20.989 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX014949.D
Acq: 18 Feb 2020 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX0218WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	54.6	29.5	88.6
134	23.6	12.6	37.6

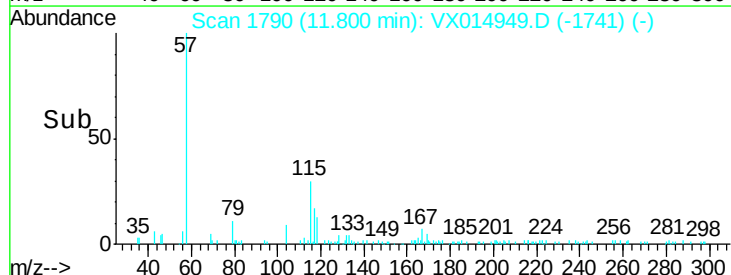
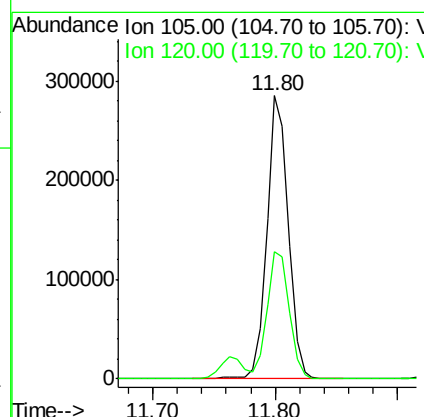
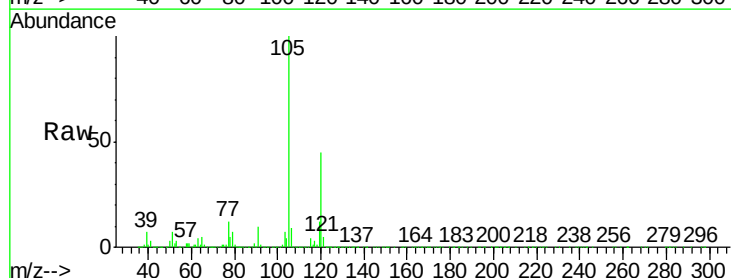
Manual Integrations
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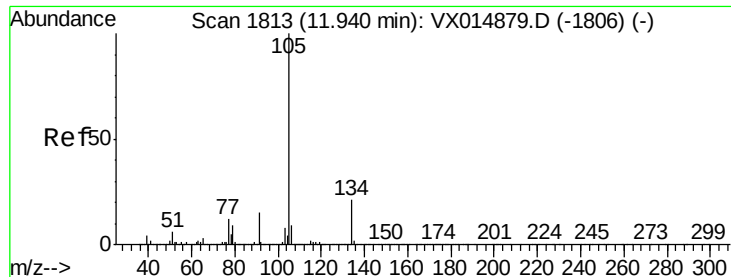
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#84
1,2,4-Trimethylbenzene
Concen: 19.922 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX014949.D
Acq: 18 Feb 2020 11:05

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.6	23.0	69.0





#85

sec-Butylbenzene

Concen: 19.779 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014949.D

Acq: 18 Feb 2020 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0218WBS01

Tot Ion:105 Resp: 402763

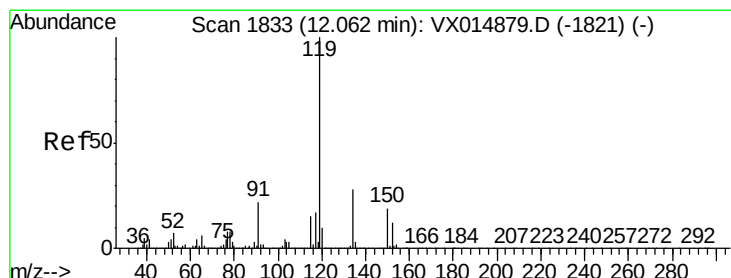
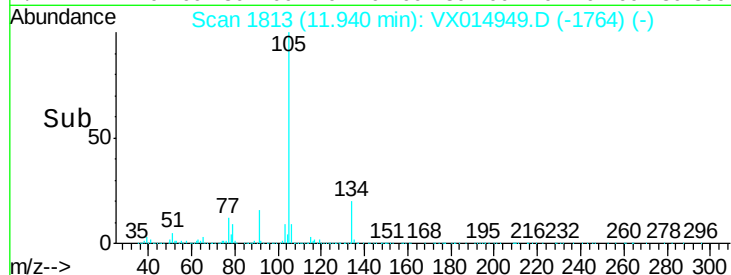
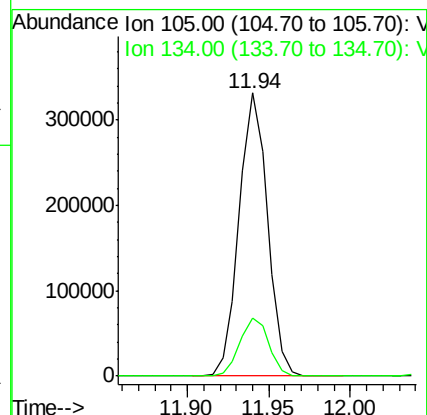
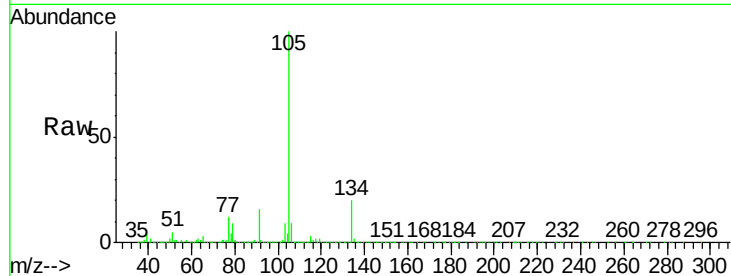
Ion Ratio Lower Upper

105 100

134 21.0 10.6 31.8

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 19.755 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX014949.D

Acq: 18 Feb 2020 11:05

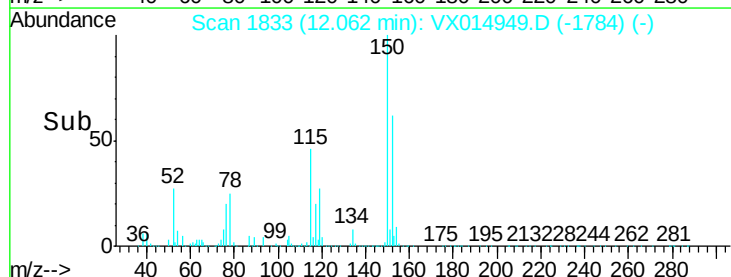
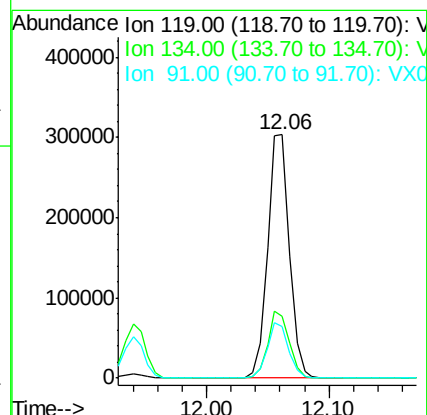
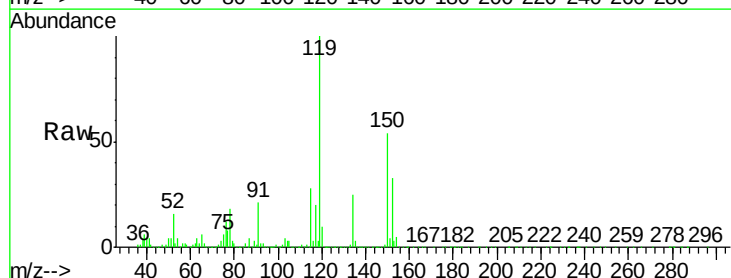
Tgt Ion:119 Resp: 376448

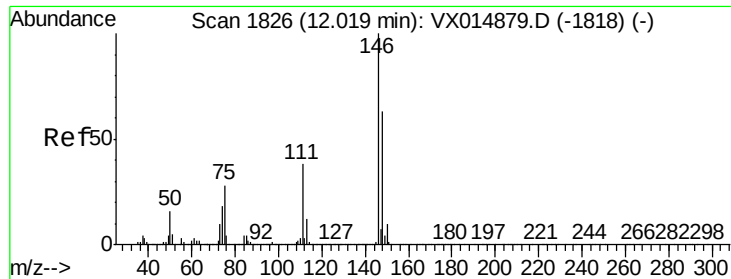
Ion Ratio Lower Upper

119 100

134 26.7 13.5 40.5

91 22.1 11.4 34.1





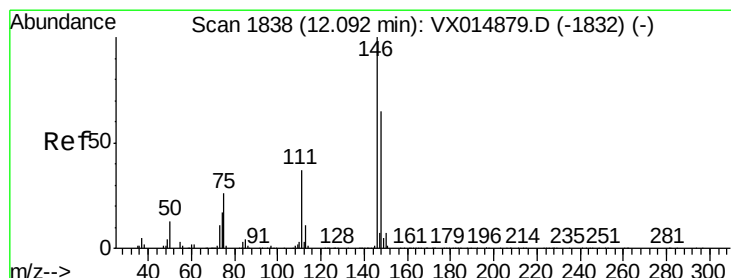
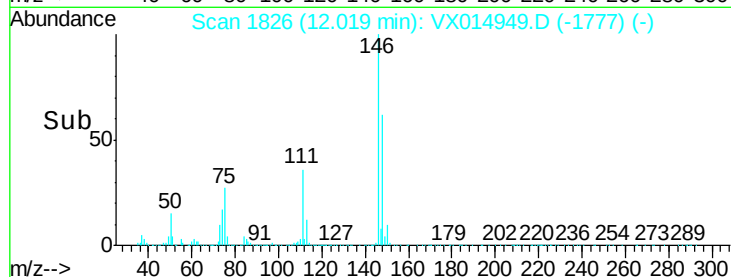
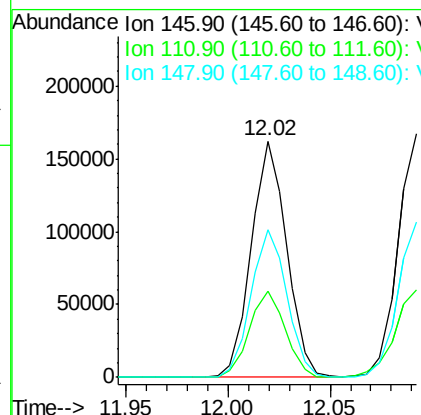
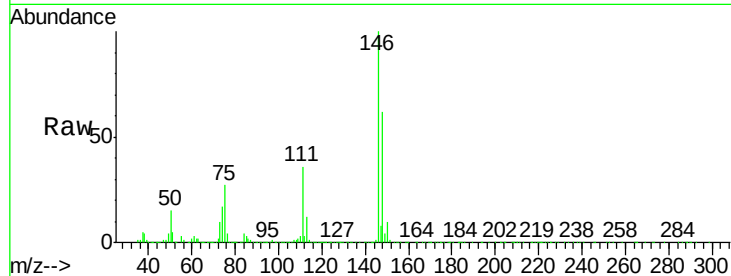
#87
 1,3-Dichlorobenzene
 Concen: 18.942 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX014949.D
 Acq: 18 Feb 2020 11:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0218WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.6	56.0
148	63.3	31.8	95.4

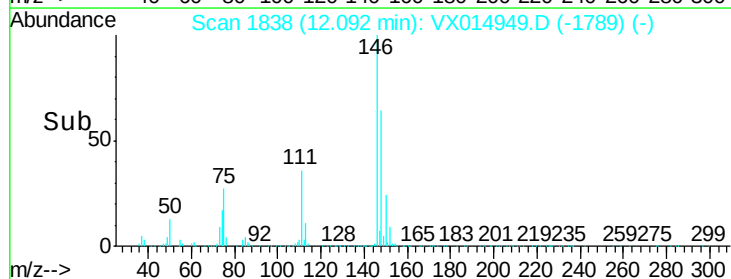
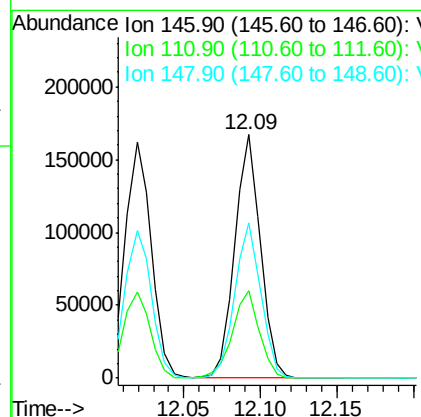
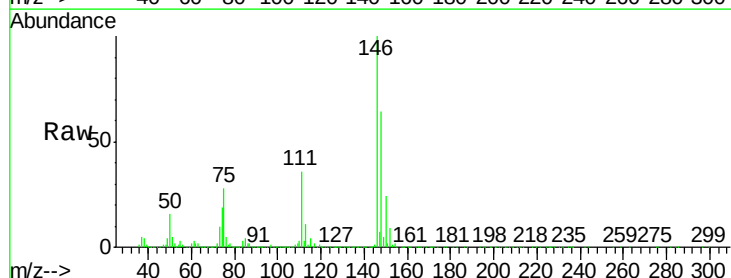
Manual Integrations
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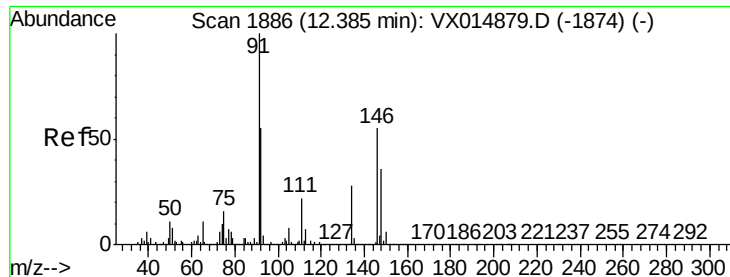
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#88
 1,4-Dichlorobenzene
 Concen: 18.350 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX014949.D
 Acq: 18 Feb 2020 11:05

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.6	55.6
148	64.9	32.4	97.0





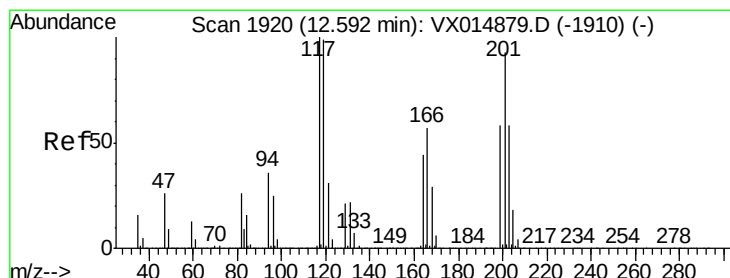
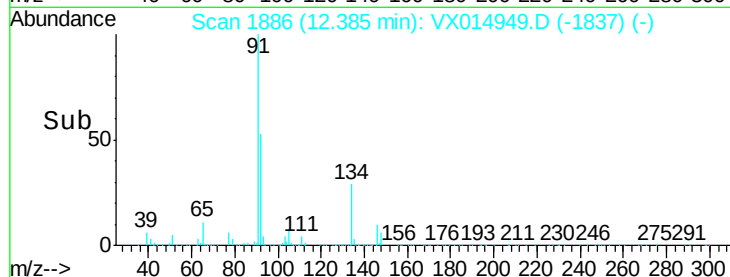
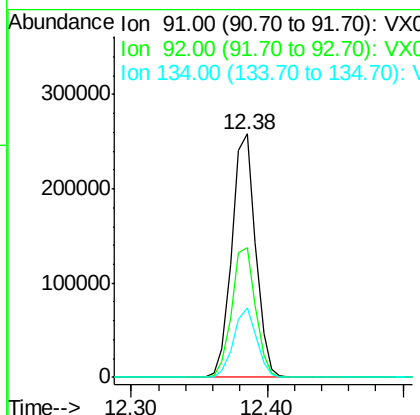
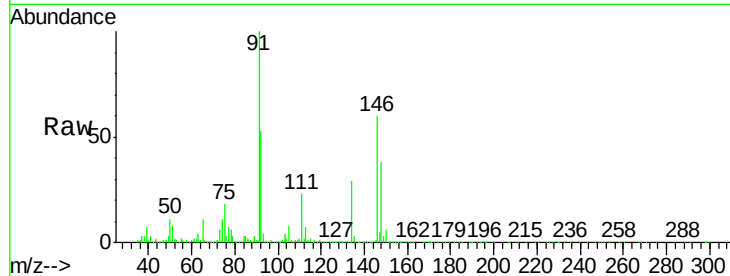
#89
n-Butylbenzene
Concen: 18.358 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX014949.D
Acq: 18 Feb 2020 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX0218WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	313305		
92	53.6	27.3	81.8	
134	27.7	13.8	41.4	

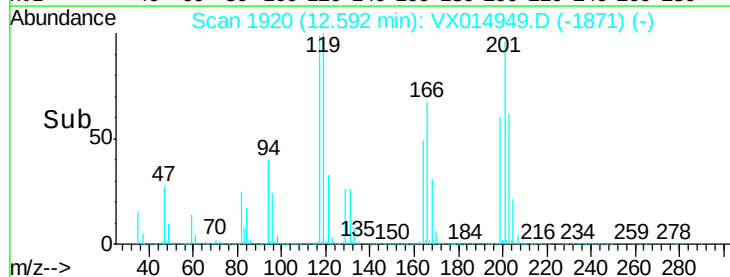
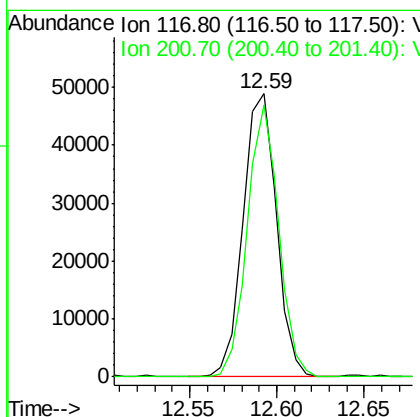
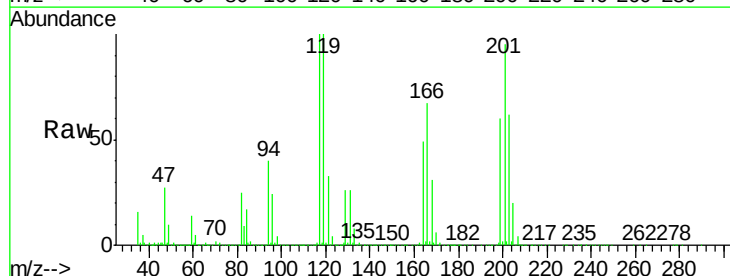
Manual Integrations
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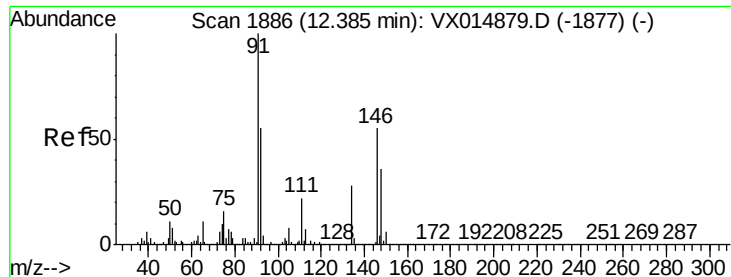
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#90
Hexachloroethane
Concen: 19.545 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX014949.D
Acq: 18 Feb 2020 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	65041		
201	90.0	44.8	134.3	





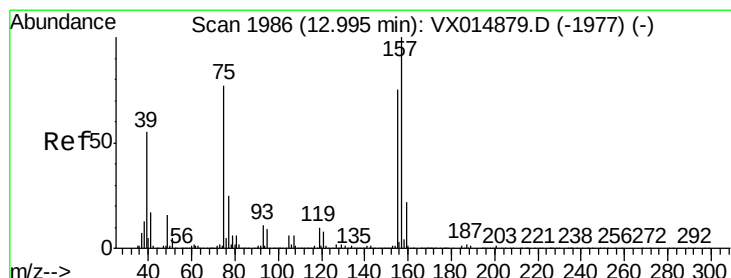
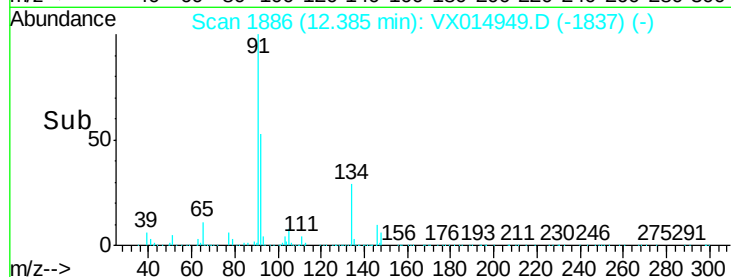
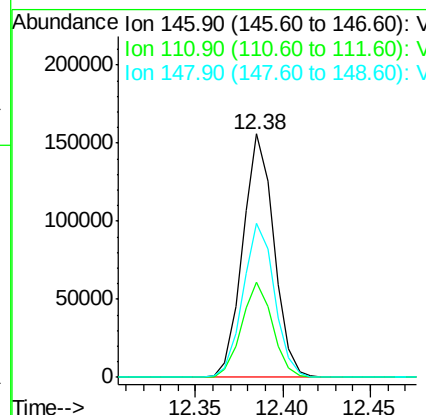
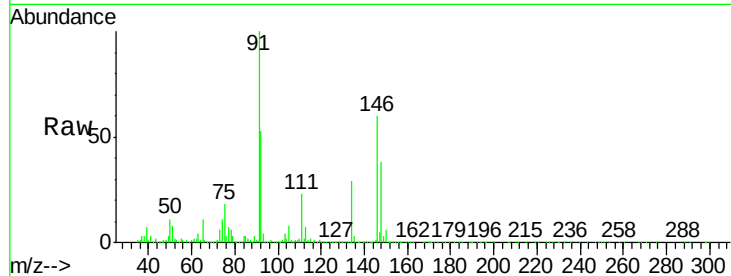
#91
 1,2-Dichlorobenzene
 Concen: 18.933 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX014949.D
 Acq: 18 Feb 2020 11:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0218WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.8	59.3
148	64.3	32.4	97.2

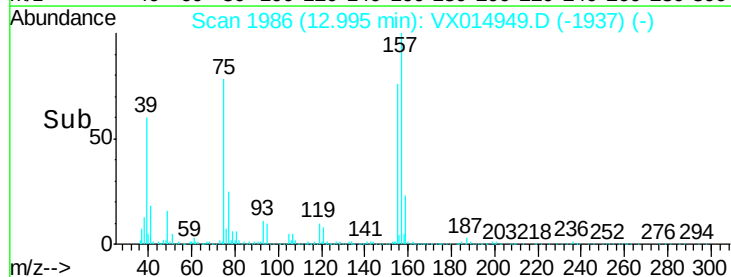
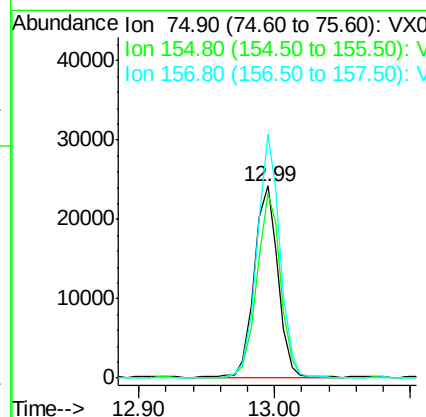
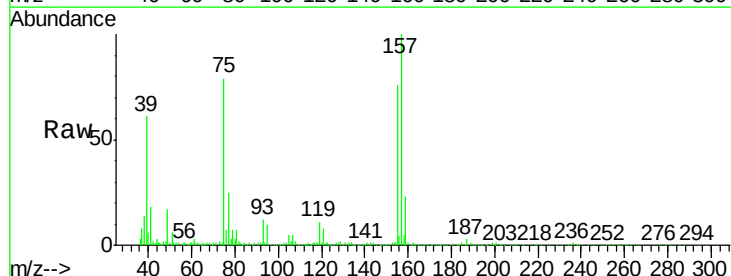
Manual Integrations
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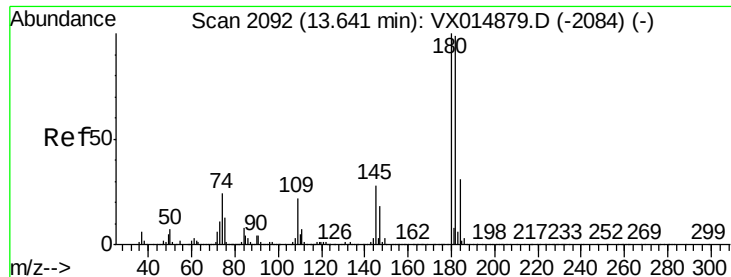
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.650 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX014949.D
 Acq: 18 Feb 2020 11:05

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.3	48.6	145.9
157	123.3	62.0	186.0





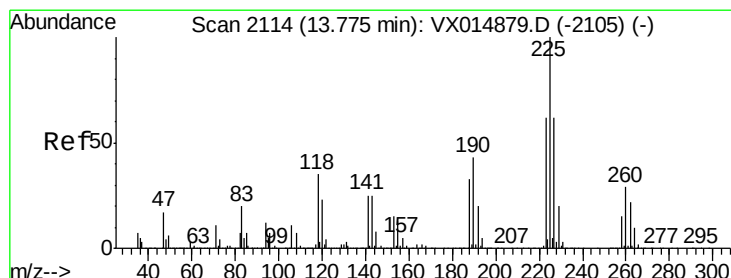
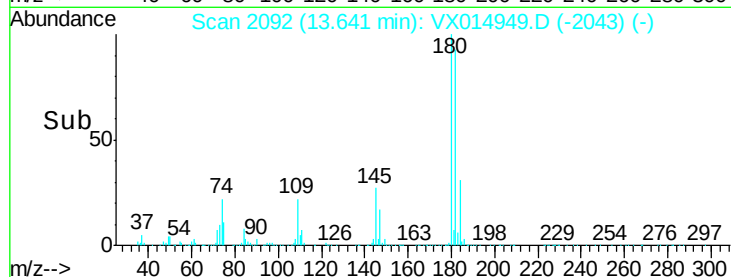
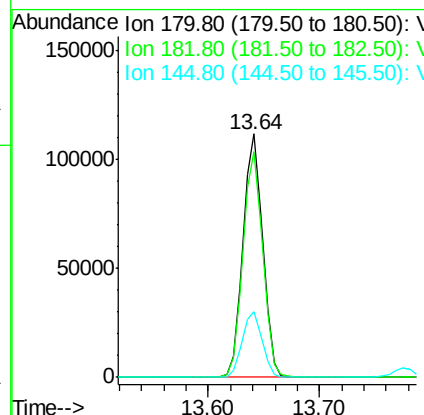
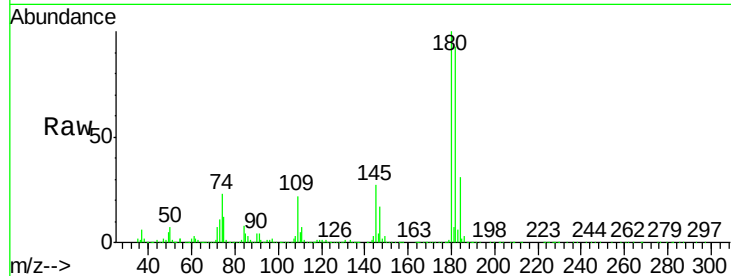
#93
 1,2,4-Trichlorobenzene
 Concen: 18.216 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX014949.D
 Acq: 18 Feb 2020 11:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0218WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	136779		
182	93.4	48.4	145.3	
145	27.4	14.1	42.4	

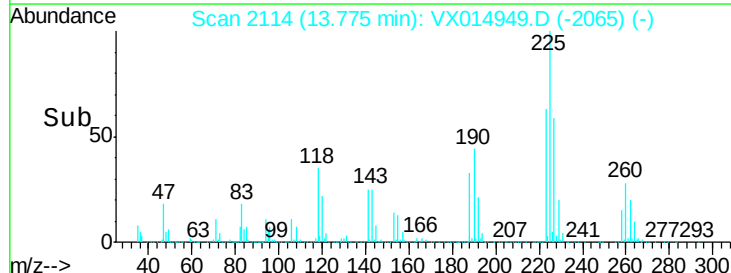
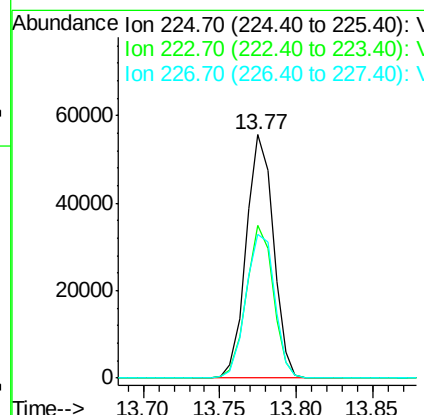
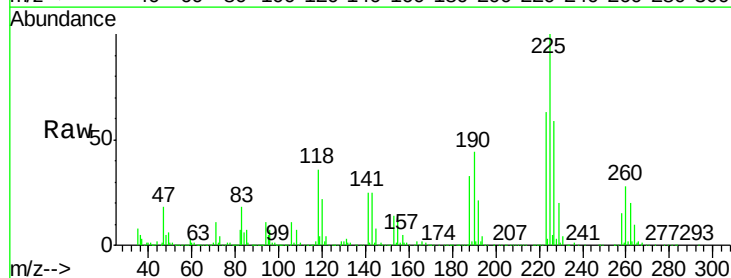
Manual Integrations
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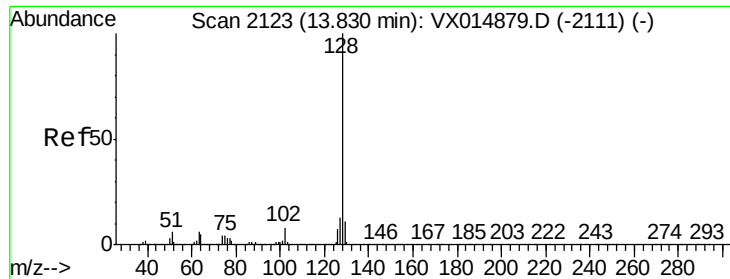
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 18.958 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX014949.D
 Acq: 18 Feb 2020 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	68851		
223	62.2	31.1	93.2	
227	62.8	30.9	92.5	





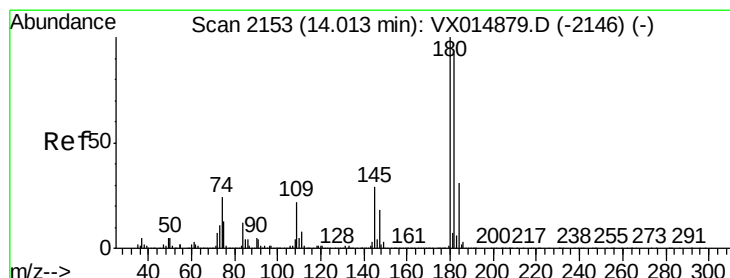
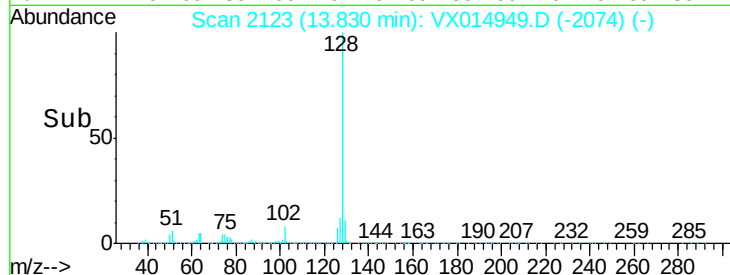
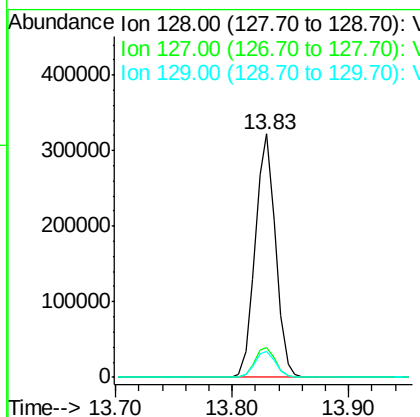
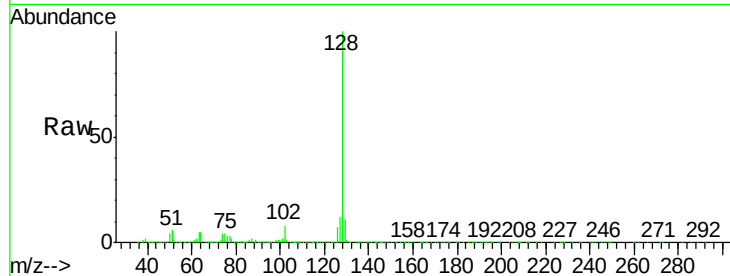
#95
Naphthalene
Concen: 19.695 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX014949.D
Acq: 18 Feb 2020 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX0218WBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	393189		
127	12.8	10.4	15.6	
129	10.9	8.6	13.0	

Manual Integrations
APPROVED

MMDadoda
2/19/2020 12:14:44 PM



#96
1,2,3-Trichlorobenzene
Concen: 18.804 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX014949.D
Acq: 18 Feb 2020 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	136408		
182	97.1	47.5	142.6	
145	29.6	14.5	43.5	

