

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021120\
 Data File : VX014910.D
 Acq On : 11 Feb 2020 12:46
 Operator : JC/SP
 Sample : VX0211WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0211WBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/12/2020 3:04:31 PM

Quant Time: Feb 12 06:03:46 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	459295	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	686407	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	635738	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	340171	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	249752	48.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.36%	
35) Dibromofluoromethane	5.49	113	205967	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	
50) Toluene-d8	8.71	98	795810	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	
62) 4-Bromofluorobenzene	11.13	95	283135	48.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.60%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	86175	19.812	ug/l	98
3) Chloromethane	1.32	50	95653	19.397	ug/l	100
4) Vinyl Chloride	1.40	62	102926	19.375	ug/l	99
5) Bromomethane	1.64	94	64417	18.734	ug/l	99
6) Chloroethane	1.72	64	63498	18.681	ug/l	99
7) Trichlorofluoromethane	1.93	101	141183	19.022	ug/l	95
8) Diethyl Ether	2.18	74	57422	18.657	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	79902	18.546	ug/l	99
10) Methyl Iodide	2.51	142	85243	20.566	ug/l	99
11) Tert butyl alcohol	3.02	59	91374	99.838	ug/l	98
12) 1,1-Dichloroethene	2.37	96	78786	18.715	ug/l	98
13) Acrolein	2.28	56	58821	84.326	ug/l	94
14) Allyl chloride	2.72	41	134585	18.031	ug/l	99
15) Acrylonitrile	3.13	53	223179	96.191	ug/l	100
16) Acetone	2.43	43	221602	71.796	ug/l	100
17) Carbon Disulfide	2.56	76	210410	17.888	ug/l	99
18) Methyl Acetate	2.76	43	100744	19.298	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	260931	19.045	ug/l	100
20) Methylene Chloride	2.85	84	90583	18.166	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	84206	18.127	ug/l	100
22) Diisopropyl ether	3.84	45	274026	19.222	ug/l	98
23) Vinyl Acetate	3.80	43	1178492	100.283	ug/l	100
24) 1,1-Dichloroethane	3.69	63	149984	18.642	ug/l	98
25) 2-Butanone	4.65	43	320667	90.868	ug/l	99
26) 2,2-Dichloropropane	4.58	77	125080	18.040	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	96272	18.540	ug/l	100
28) Bromochloromethane	5.00	49	62751	20.122	ug/l	100
29) Tetrahydrofuran	5.11	42	200234	99.814	ug/l	99
30) Chloroform	5.20	83	153087	19.178	ug/l	96
31) Cyclohexane	5.58	56	137524	18.767	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	132208	18.934	ug/l	99
36) 1,1-Dichloropropene	5.79	75	115608	18.828	ug/l	99
37) Ethyl Acetate	4.82	43	125263	19.560	ug/l	100
38) Carbon Tetrachloride	5.78	117	112355	18.777	ug/l	96

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

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Manual Integrations
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Quant Time: Feb 12 06:03:46 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	141715	18.455	ug/l	99
40) Benzene	6.14	78	347550	18.945	ug/l	100
41) Methacrylonitrile	5.03	41	65559	19.003	ug/l	96
42) 1,2-Dichloroethane	6.19	62	122057	18.408	ug/l	99
43) Isopropyl Acetate	6.44	43	204439	19.352	ug/l	99
44) Trichloroethene	7.21	130	100131	18.801	ug/l	96
45) 1,2-Dichloropropane	7.51	63	86398	18.466	ug/l	96
46) Dibromomethane	7.65	93	59130	18.489	ug/l	99
47) Bromodichloromethane	7.89	83	117316	18.501	ug/l	95
48) Methyl methacrylate	7.76	41	97504	18.754	ug/l	98
49) 1,4-Dioxane	7.73	88	39260	403.885	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	628102	98.465	ug/l	100
52) Toluene	8.78	92	219519	18.840	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	127297	18.317	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	139586	18.182	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	89709	19.029	ug/l	99
56) Ethyl methacrylate	9.17	69	137148	19.355	ug/l	100
57) 1,3-Dichloropropane	9.37	76	151676	19.114	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	349230	94.240	ug/l	100
59) 2-Hexanone	9.48	43	479946	95.722	ug/l	99
60) Dibromochloromethane	9.57	129	92021	18.139	ug/l	96
61) 1,2-Dibromoethane	9.67	107	97457	19.160	ug/l	99
64) Tetrachloroethene	9.33	164	101151	17.018	ug/l	97
65) Chlorobenzene	10.14	112	239135	18.546	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	88792	18.968	ug/l	98
67) Ethyl Benzene	10.25	91	421822	19.235	ug/l	100
68) m/p-Xylenes	10.36	106	317463	37.579	ug/l	100
69) o-Xylene	10.70	106	153223	18.868	ug/l	100
70) Styrene	10.71	104	261723	19.051	ug/l	100
71) Bromoform	10.85	173	71265	18.238	ug/l #	100
73) Isopropylbenzene	11.01	105	412262	19.326	ug/l	99
74) N-amyl acetate	10.89	43	169339	19.105	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	132166	18.953	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	113670m	18.479	ug/l	
77) Bromobenzene	11.25	156	113258	19.022	ug/l	97
78) n-propylbenzene	11.35	91	465453	18.865	ug/l	99
79) 2-Chlorotoluene	11.42	91	273837	18.879	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	345124	19.362	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	42207	17.563	ug/l	96
82) 4-Chlorotoluene	11.51	91	321739	18.730	ug/l	100
83) tert-Butylbenzene	11.76	119	338203	20.037	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	350220	19.497	ug/l	99
85) sec-Butylbenzene	11.94	105	405372	19.332	ug/l	99
86) p-Isopropyltoluene	12.06	119	373220	19.020	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	198400	18.574	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	198657	18.212	ug/l	99
89) n-Butylbenzene	12.39	91	327768	18.651	ug/l	100
90) Hexachloroethane	12.59	117	61286	17.885	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	194090	18.529	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	28696	17.540	ug/l	98

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBSD01

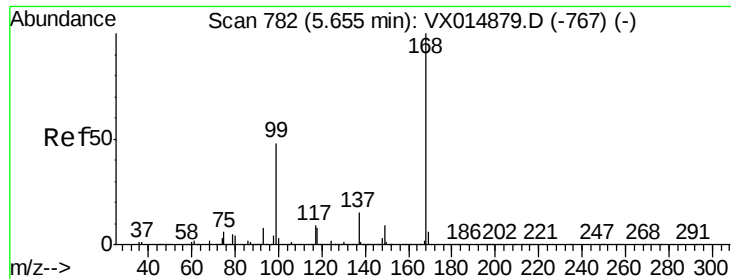
Manual Integrations
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2/12/2020 3:04:31 PM

Quant Time: Feb 12 06:03:46 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	139849	18.088	ug/l	99
94) Hexachlorobutadiene	13.78	225	68629	18.352	ug/l	96
95) Naphthalene	13.83	128	410683	19.977	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	140057	18.749	ug/l	99

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



#1

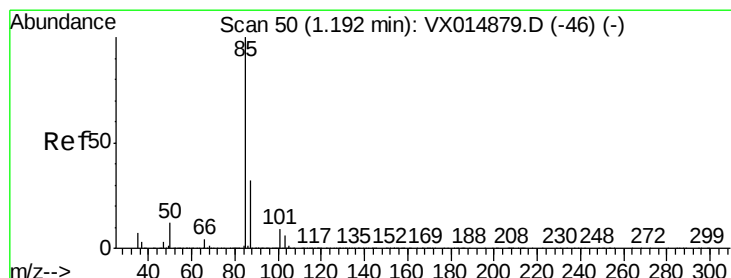
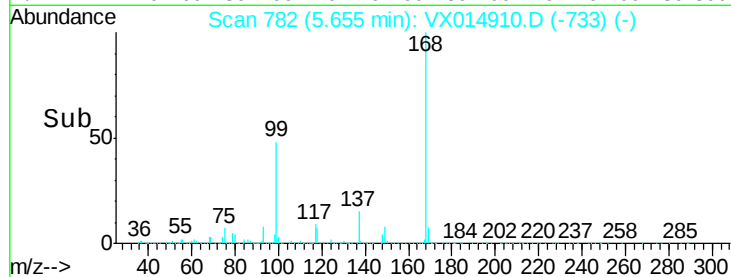
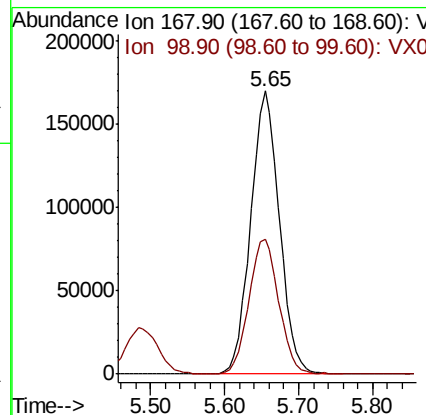
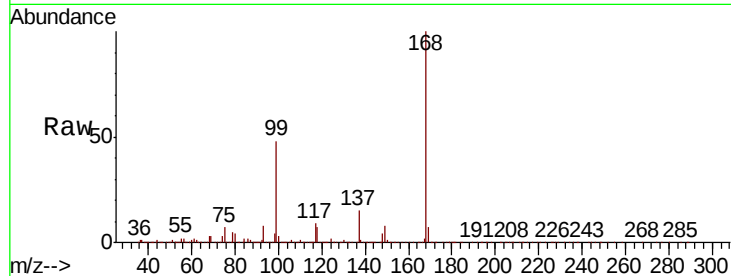
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: VX014910.D
 Acq: 11 Feb 2020 12:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0211WBSD01

Tot Ion	Ratio	Lower	Upper
168	100		
99	47.4	38.7	58.1

Manual Integrations
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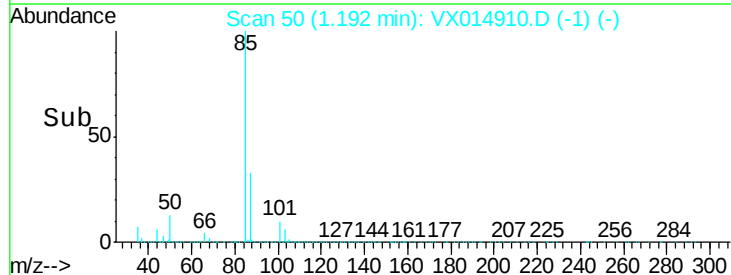
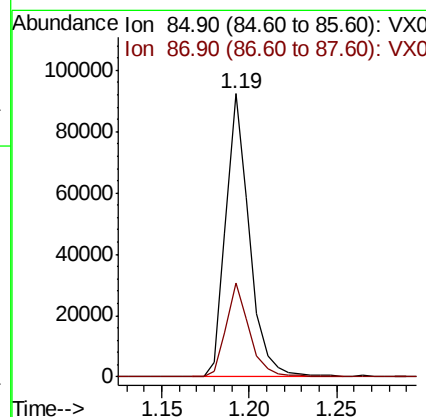
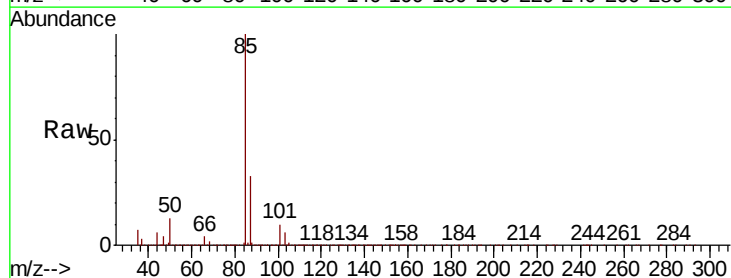
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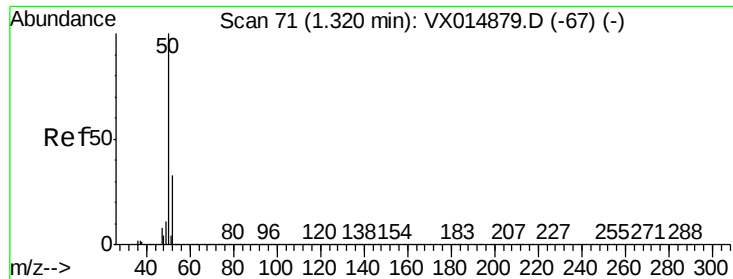


#2

Dichlorodifluoromethane
 Concen: 19.812 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.00 min
 Lab File: VX014910.D
 Acq: 11 Feb 2020 12:46

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.3	16.1	48.2





#3

Chloromethane

Concen: 19.397 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014910.D

Acq: 11 Feb 2020 12:46

Instrument :

MSVOA_X

ClientSampleId :

VX0211WBSD01

Tot Ion: 50 Resp: 95653

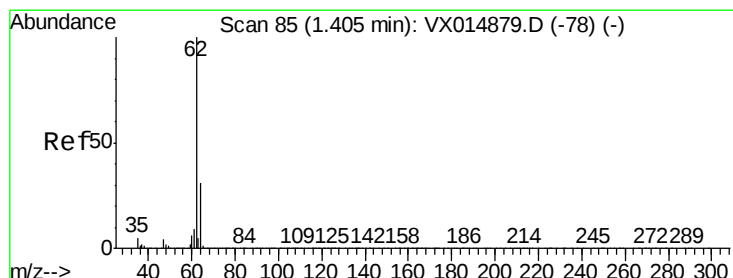
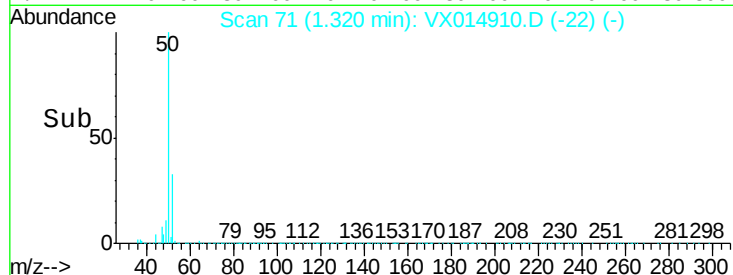
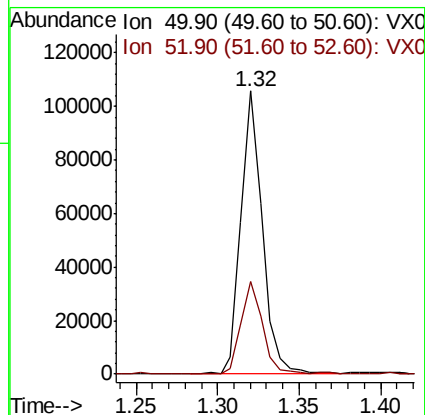
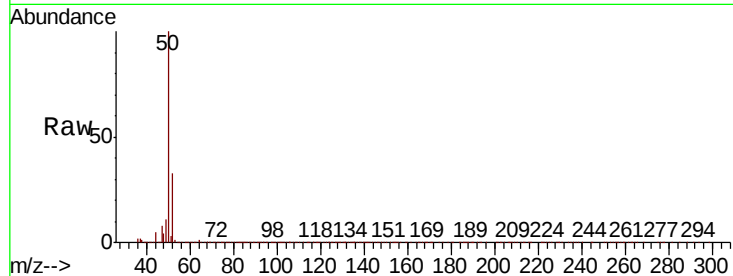
Ion Ratio Lower Upper

50 100

52 32.7 26.2 39.2

Manual Integrations
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#4

Vinyl Chloride

Concen: 19.375 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.01 min

Lab File: VX014910.D

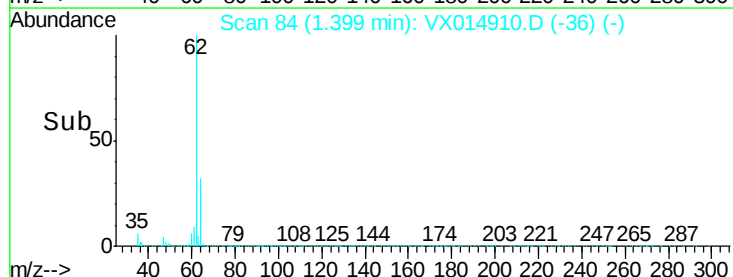
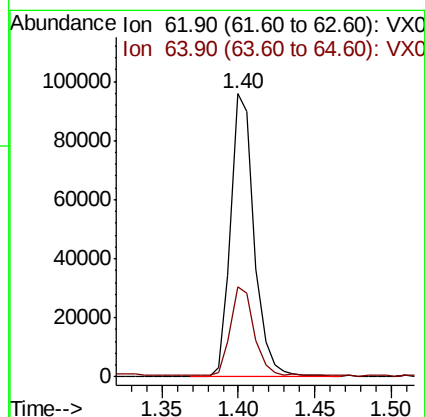
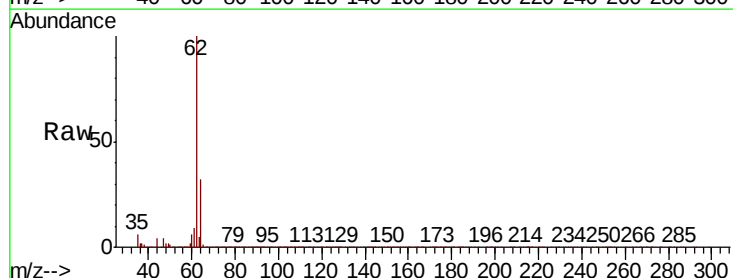
Acq: 11 Feb 2020 12:46

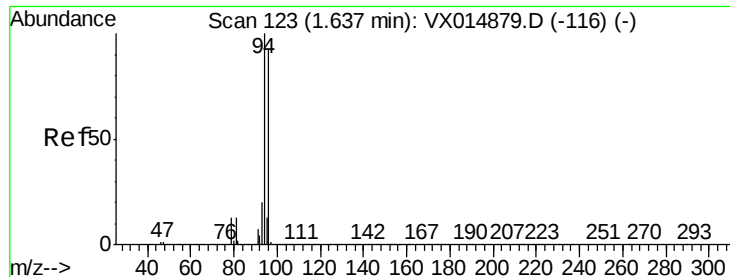
Tgt Ion: 62 Resp: 102926

Ion Ratio Lower Upper

62 100

64 31.5 24.8 37.2





#5

Bromomethane

Concen: 18.734 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.01 min

Lab File: VX014910.D

Acq: 11 Feb 2020 12:46

Instrument :

MSVOA_X

ClientSampleId :

VX0211WBSD01

Tot Ion: 94 Resp: 64417

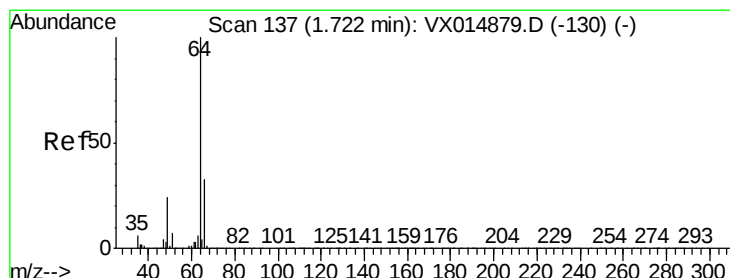
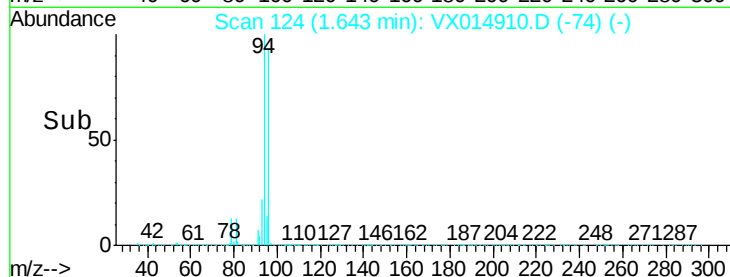
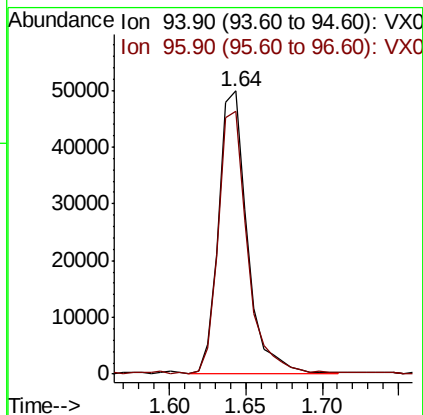
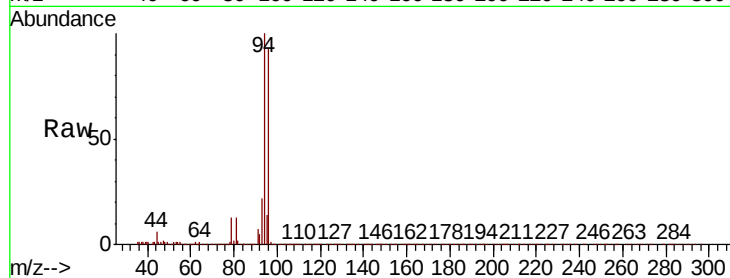
Ion Ratio Lower Upper

94 100

96 92.9 73.7 110.5

Manual Integrations
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#6

Chloroethane

Concen: 18.681 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.00 min

Lab File: VX014910.D

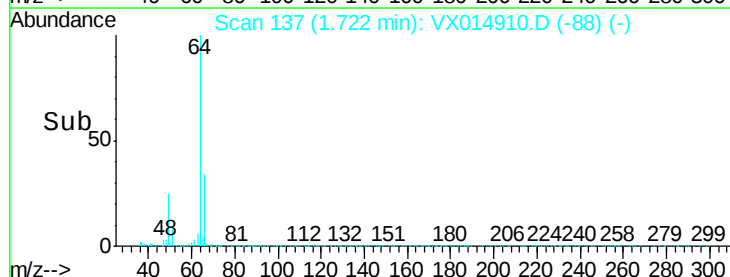
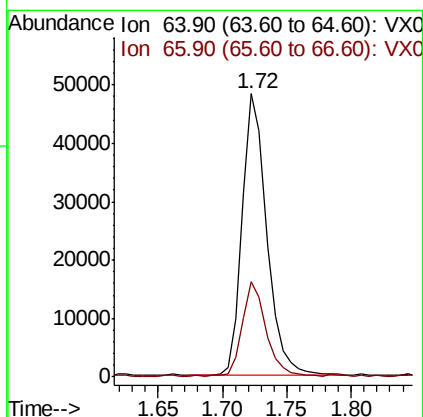
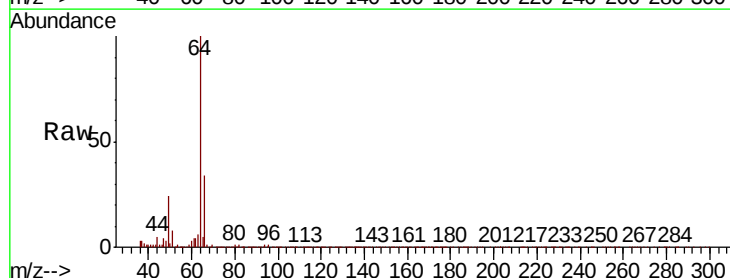
Acq: 11 Feb 2020 12:46

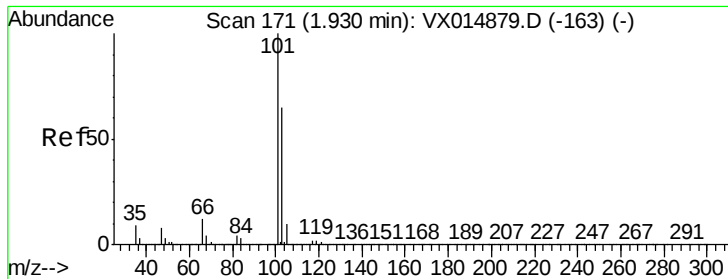
Tgt Ion: 64 Resp: 63498

Ion Ratio Lower Upper

64 100

66 33.5 26.2 39.4





#7

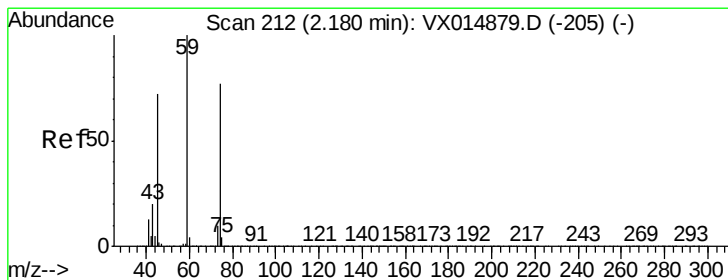
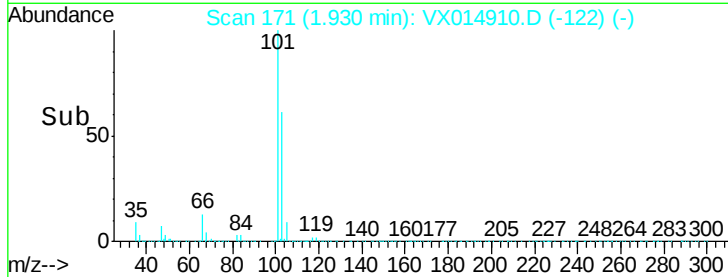
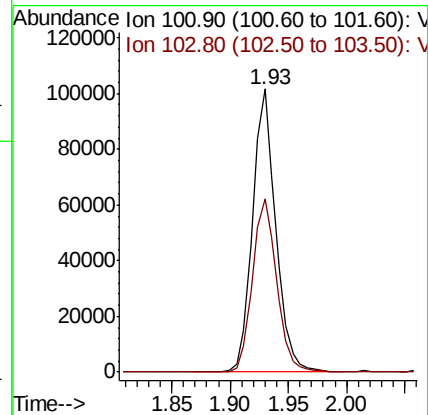
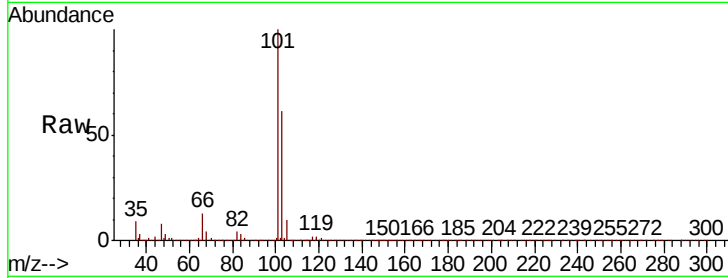
Trichlorofluoromethane
Concen: 19.022 ug/l
RT: 1.93 min Scan# 171
Delta R.T. 0.00 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	141183		
103	61.0	52.2	78.4	

Manual Integrations
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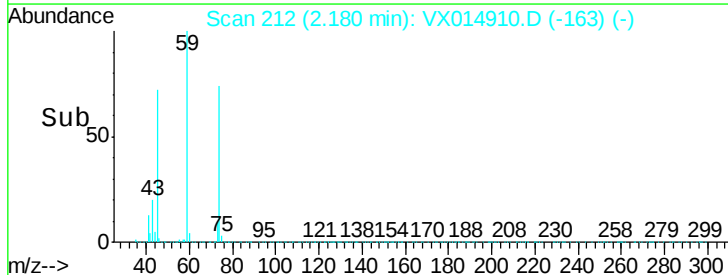
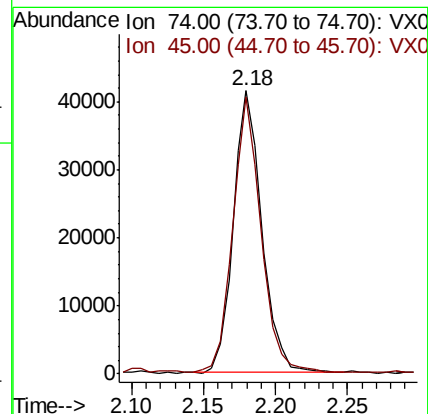
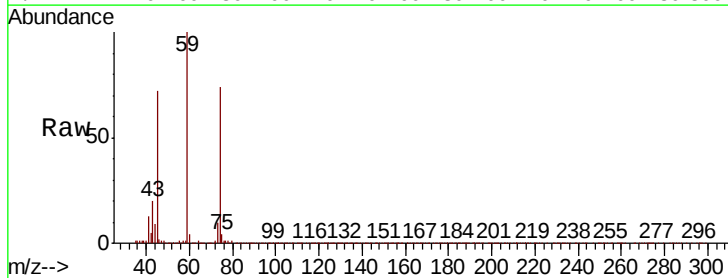
MMDadoda
2/12/2020 3:04:31 PM

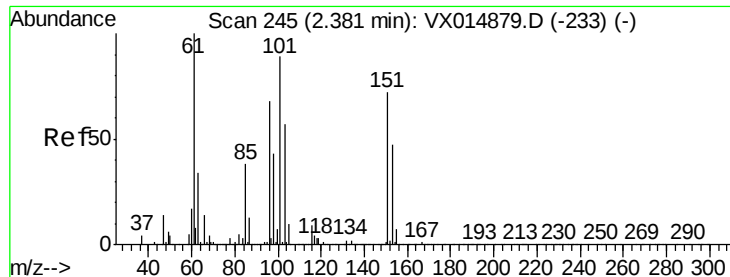


#8

Diethyl Ether
Concen: 18.657 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	57422		
45	98.2	46.6	139.8	





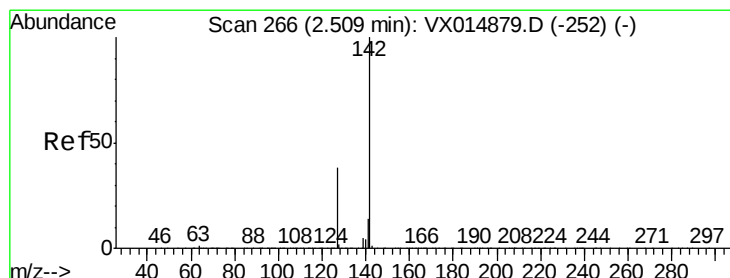
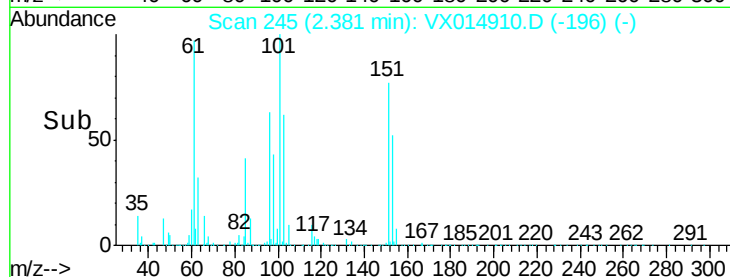
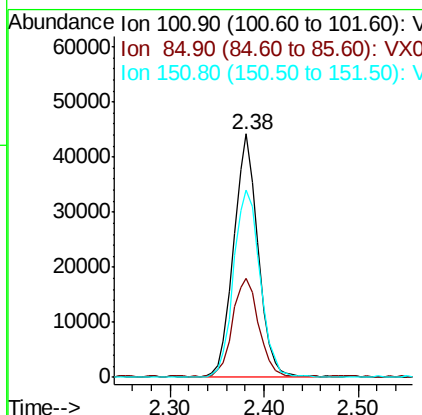
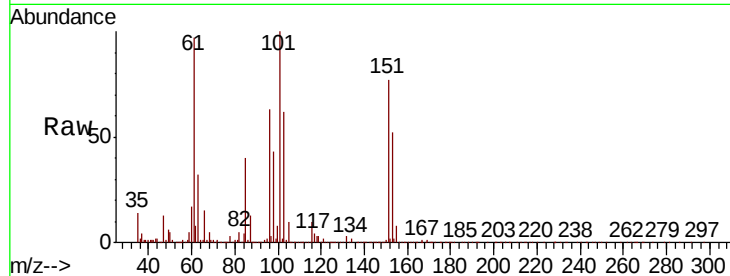
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.546 ug/l
RT: 2.38 min Scan# 245
Delta R.T. 0.00 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
85	43.4	34.1	51.1
151	83.5	67.3	100.9

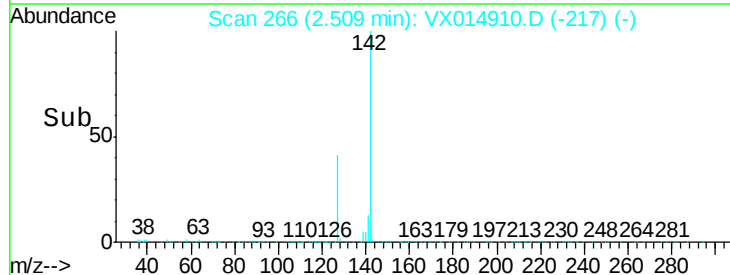
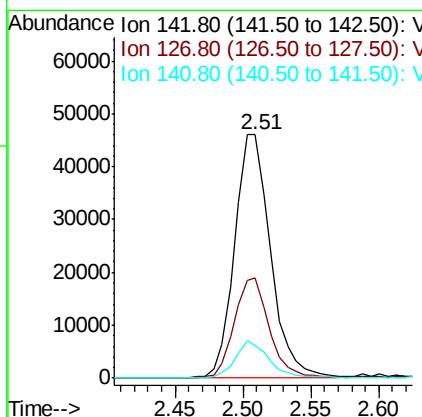
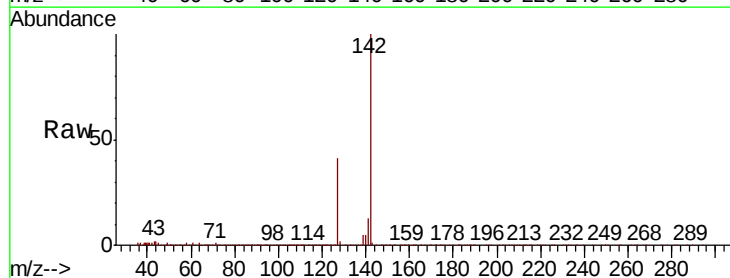
Manual Integrations
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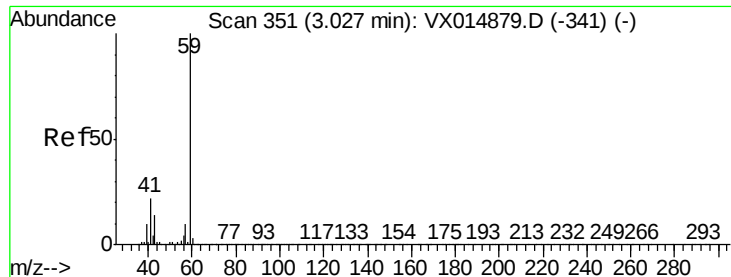
MMDadoda
2/12/2020 3:04:31 PM



#10
Methyl Iodide
Concen: 20.566 ug/l
RT: 2.51 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

Tgt Ion	Ratio	Lower	Upper
142	100		
127	39.3	31.1	46.7
141	14.5	11.3	16.9





#11

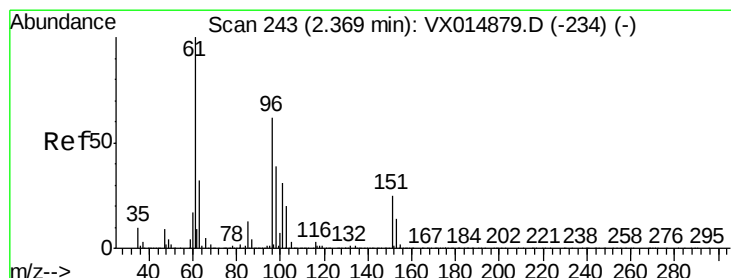
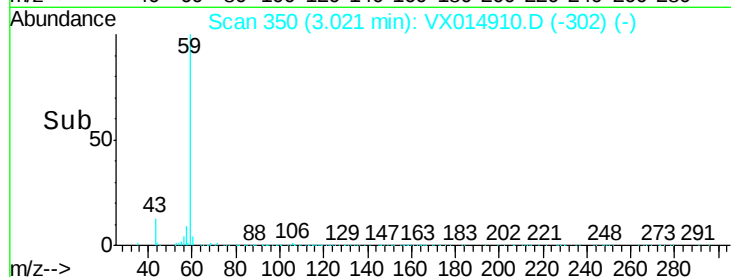
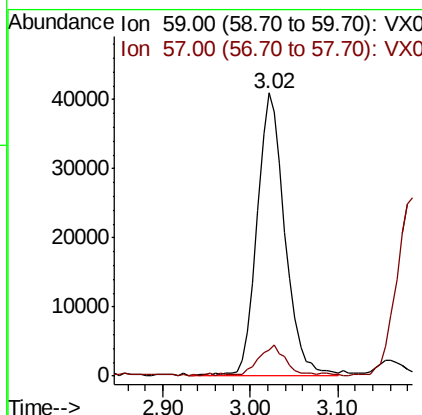
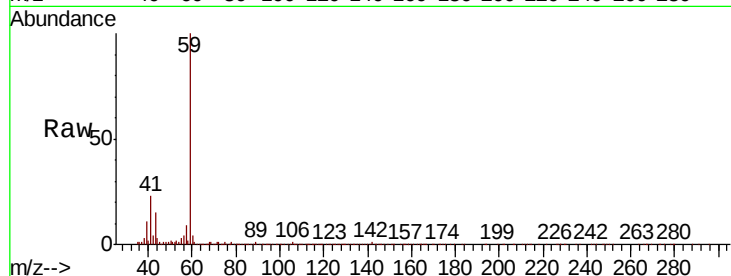
Tert butyl alcohol
Concen: 99.838 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.7	8.2	12.4

Manual Integrations
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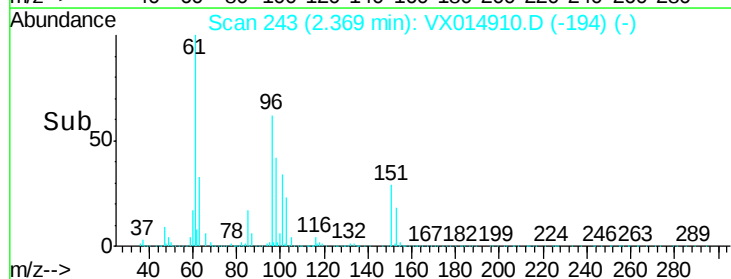
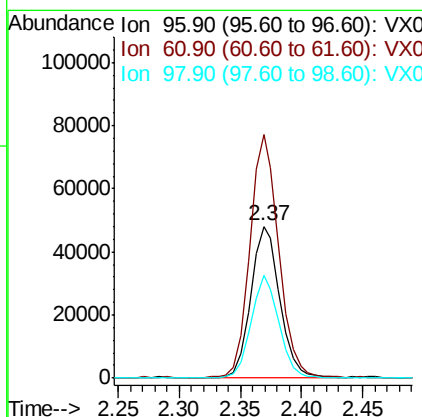
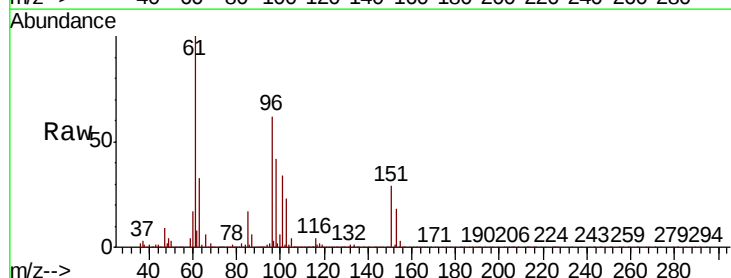
MMDadoda
2/12/2020 3:04:31 PM

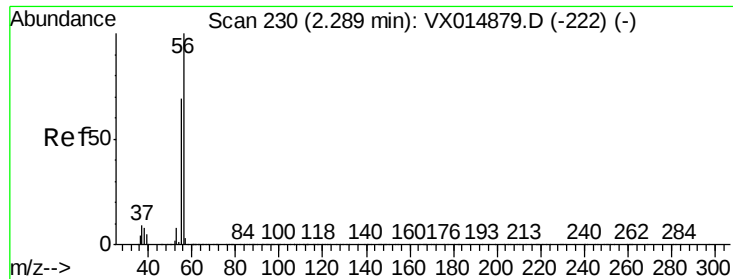


#12

1,1-Dichloroethene
Concen: 18.715 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.7	129.5	194.3
98	68.2	50.6	76.0





#13

Acrolein

Concen: 84.326 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.01 min

Lab File: VX014910.D

Acq: 11 Feb 2020 12:46

Instrument :

MSVOA_X

ClientSampleId :

VX0211WBSD01

Tot Ion: 56 Resp: 58821

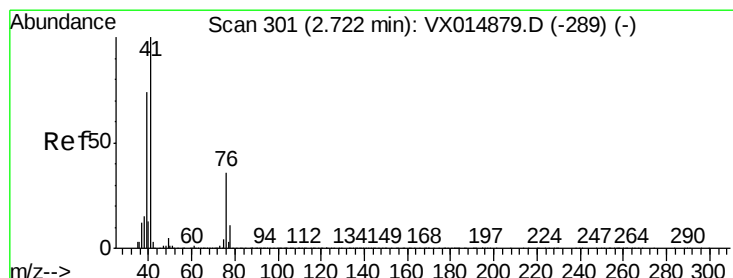
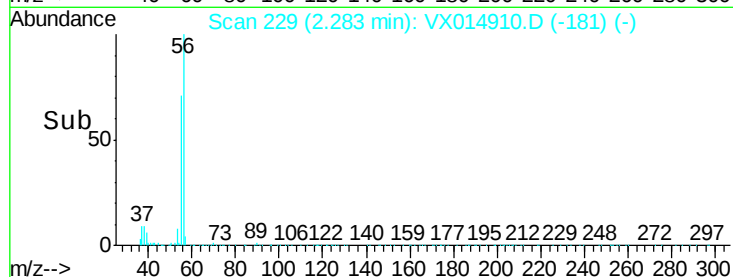
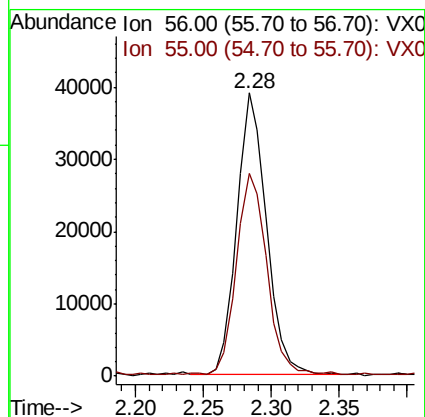
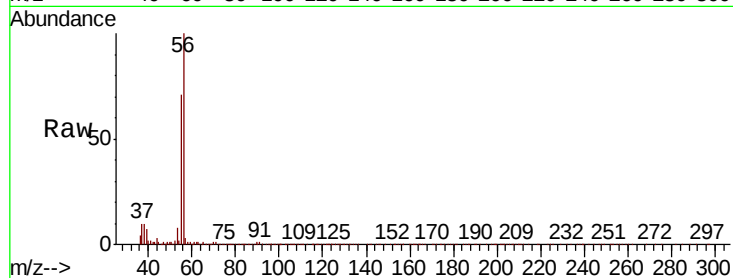
Ion Ratio Lower Upper

56 100

55 73.7 55.0 82.4

Manual Integrations
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#14

Allyl chloride

Concen: 18.031 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.00 min

Lab File: VX014910.D

Acq: 11 Feb 2020 12:46

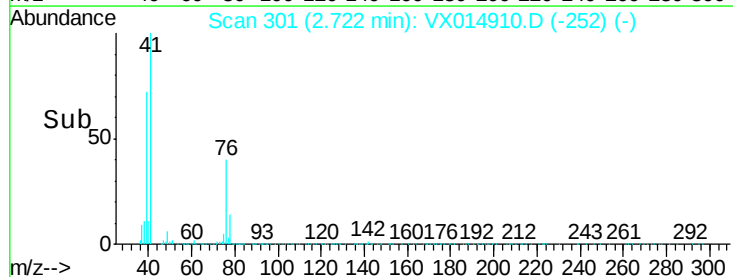
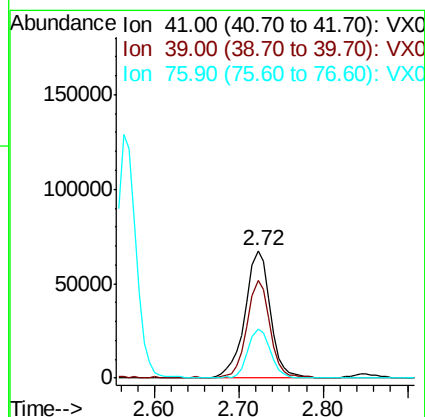
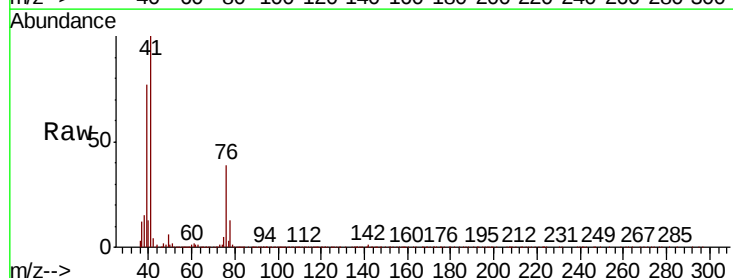
Tgt Ion: 41 Resp: 134585

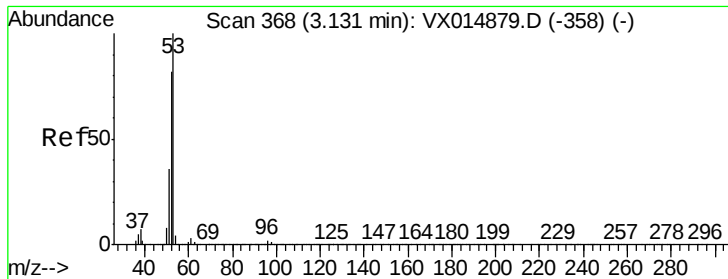
Ion Ratio Lower Upper

41 100

39 69.2 55.2 82.8

76 34.2 26.8 40.2





#15

Acrylonitrile

Concen: 96.191 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014910.D

Acq: 11 Feb 2020 12:46

Instrument :

MSVOA_X

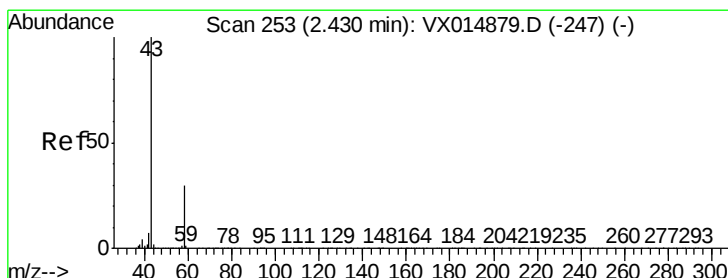
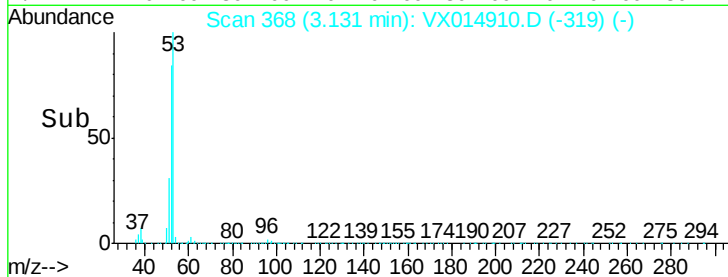
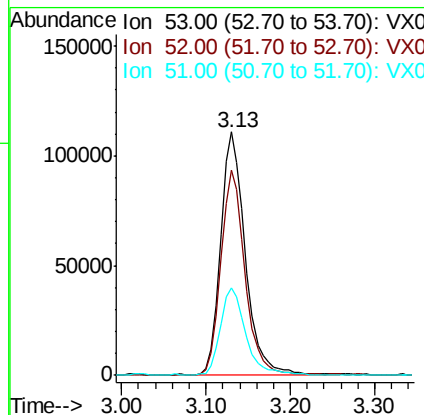
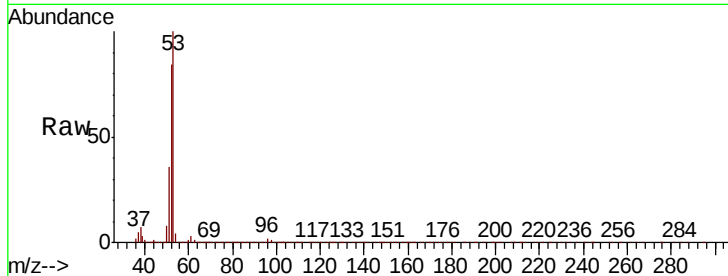
ClientSampleId :

VX0211WBSD01

Tot Ion:	53	Resp:	223179
Ion Ratio		Lower	Upper
53	100		
52	82.6	65.8	98.6
51	36.7	29.1	43.7

Manual Integrations
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#16

Acetone

Concen: 71.796 ug/l

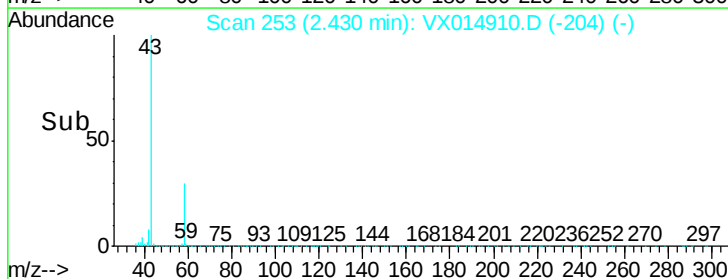
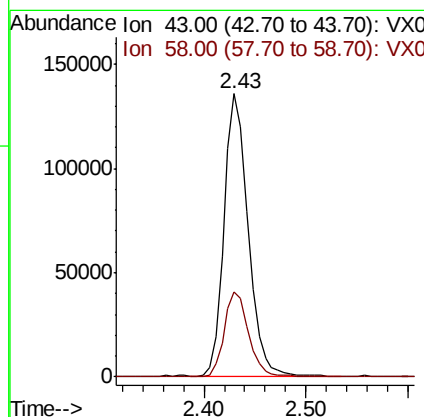
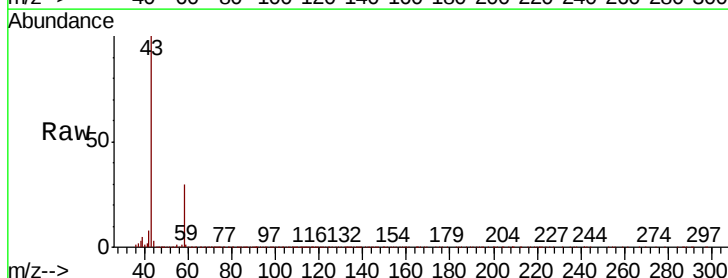
RT: 2.43 min Scan# 253

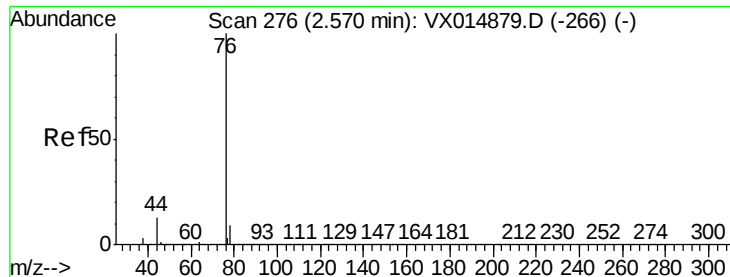
Delta R.T. 0.00 min

Lab File: VX014910.D

Acq: 11 Feb 2020 12:46

Tgt Ion:	43	Resp:	221602
Ion Ratio		Lower	Upper
43	100		
58	30.3	24.1	36.1





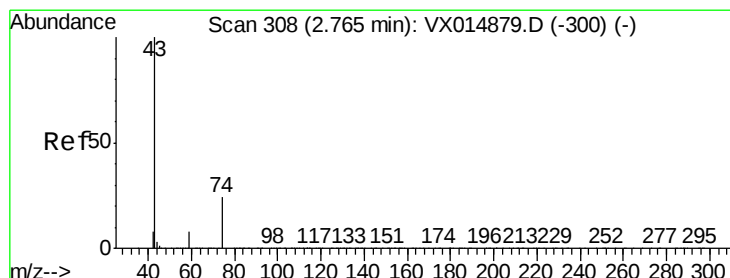
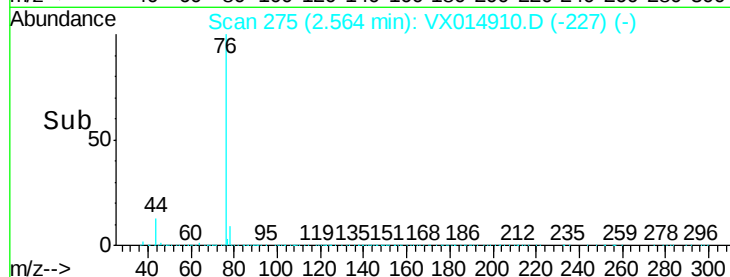
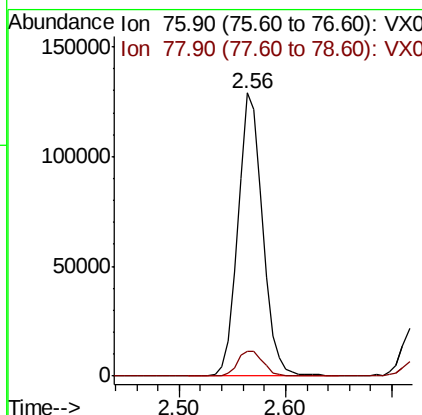
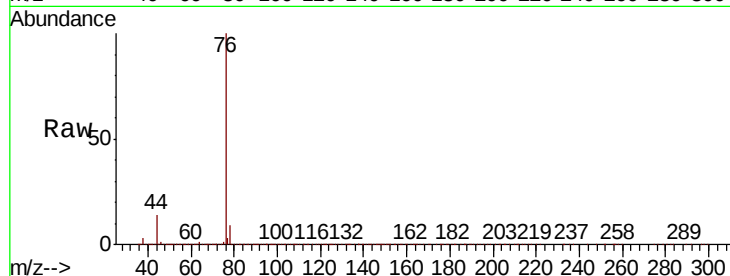
#17
Carbon Disulfide
Concen: 17.888 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.01 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.4	11.0

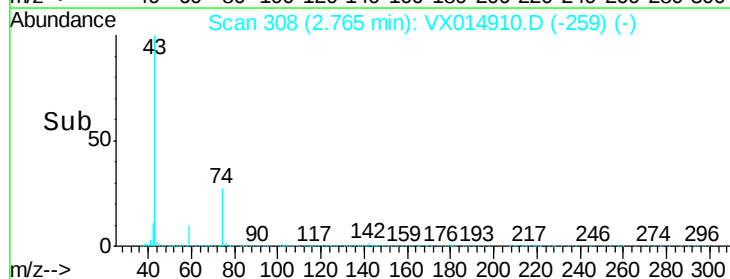
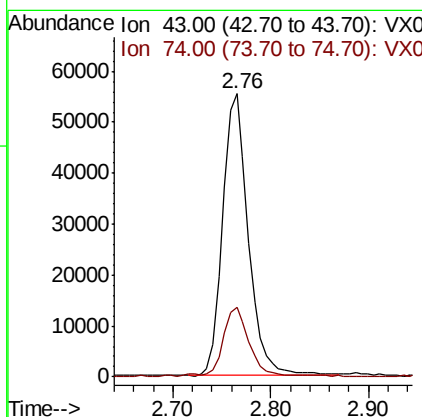
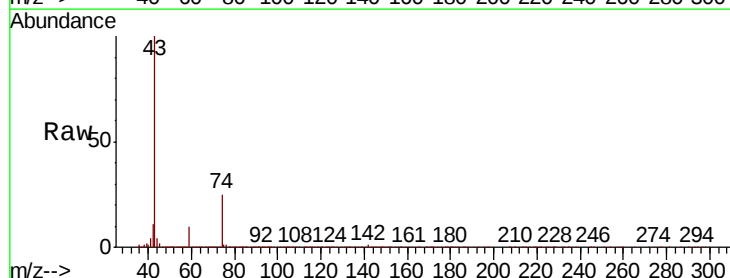
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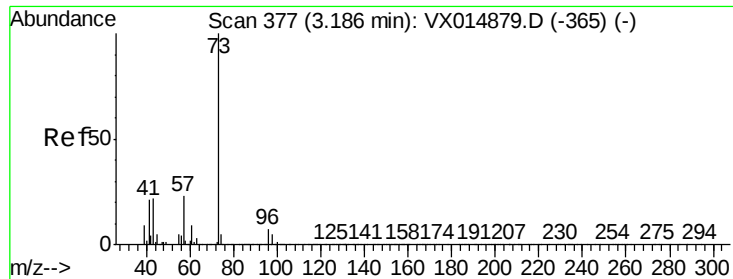
MMDadoda
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#18
Methyl Acetate
Concen: 19.298 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.6	19.4	29.0





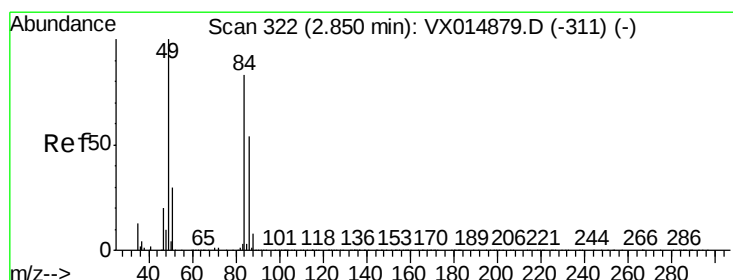
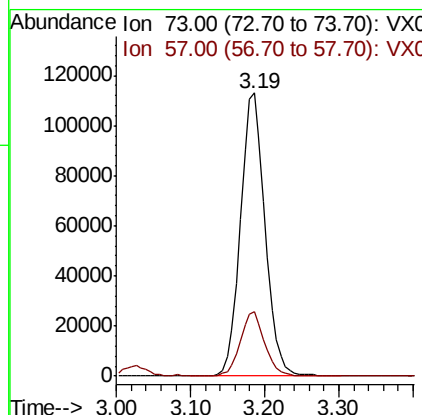
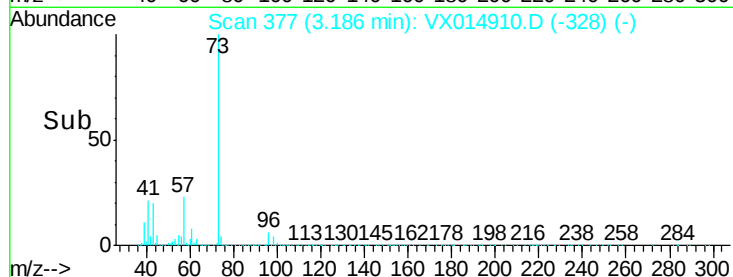
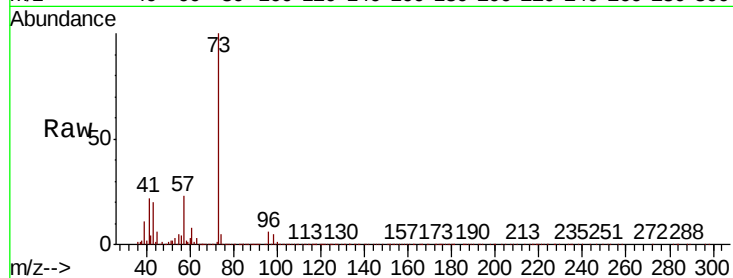
#19
Methvl tert-butvl Ether
Concen: 19.045 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBSD01

Tot Ion: 73 Resp: 260931
Ion Ratio Lower Upper
73 100
57 22.7 18.2 27.4

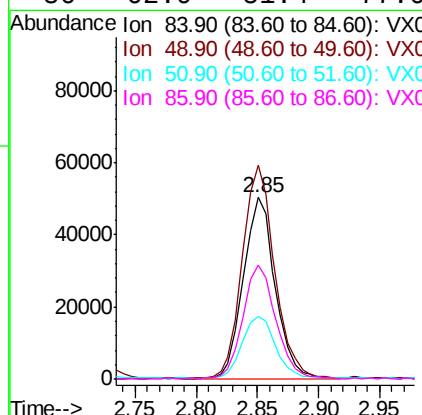
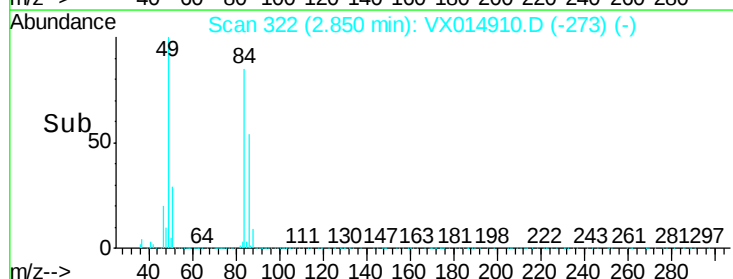
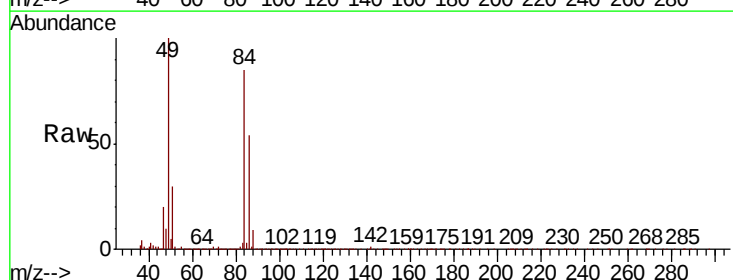
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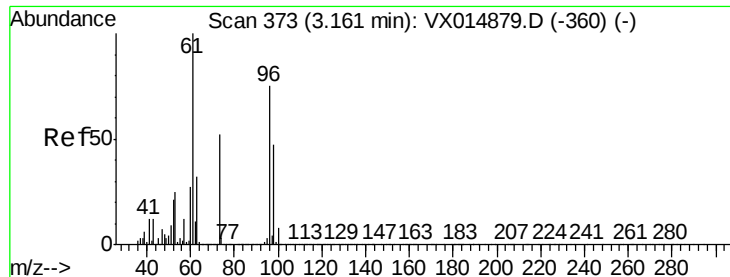
MMDadoda
2/12/2020 3:04:31 PM



#20
Methylene Chloride
Concen: 18.166 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

Tgt Ion: 84 Resp: 90583
Ion Ratio Lower Upper
84 100
49 117.4 95.6 143.4
51 34.2 29.0 43.6
86 62.9 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 18.127 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX014910.D

Acq: 11 Feb 2020 12:46

Instrument :

MSVOA_X

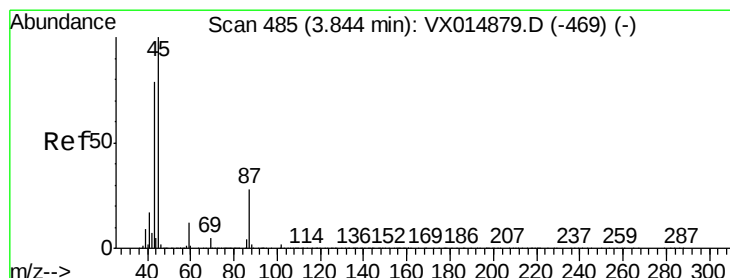
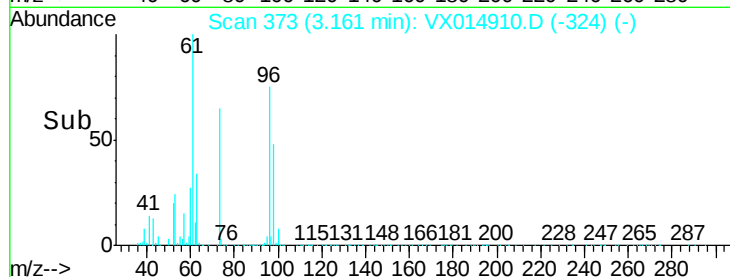
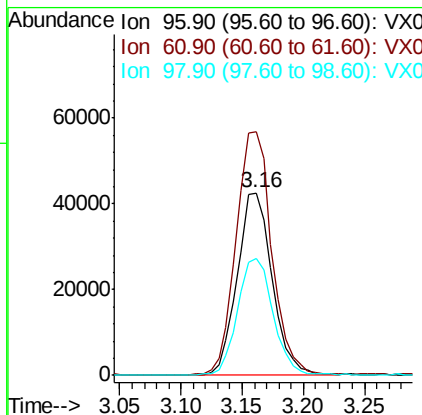
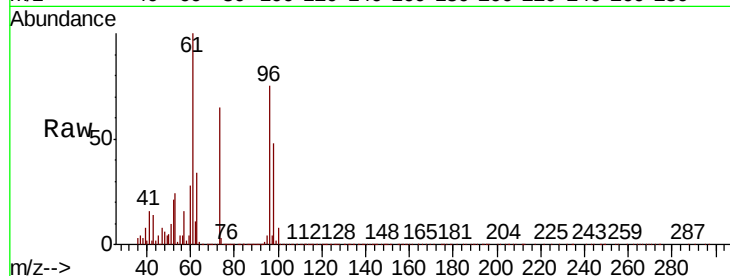
ClientSampleId :

VX0211WBSD01

Tot Ion:	96	Resp:	84206
Ion	Ratio	Lower	Upper
96	100		
61	133.4	106.9	160.3
98	64.0	50.7	76.1

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#22

Diisopropyl ether

Concen: 19.222 ug/l

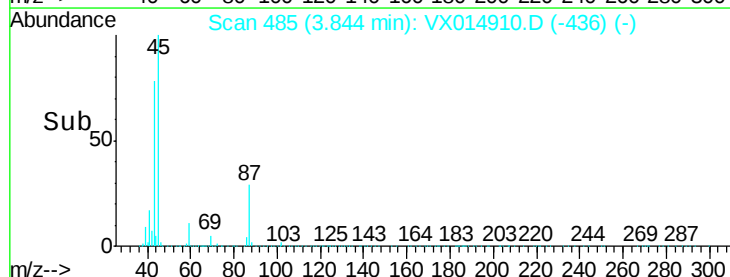
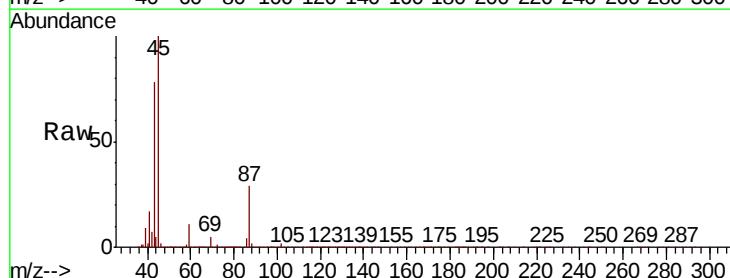
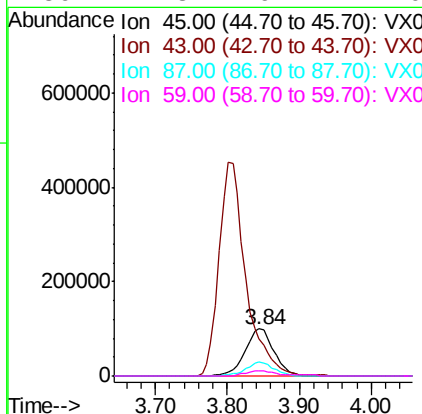
RT: 3.84 min Scan# 485

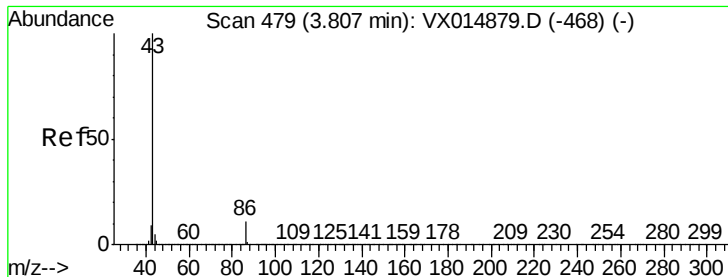
Delta R.T. 0.00 min

Lab File: VX014910.D

Acq: 11 Feb 2020 12:46

Tgt Ion:	45	Resp:	274026
Ion	Ratio	Lower	Upper
45	100		
43	77.4	63.5	95.3
87	29.2	22.2	33.4
59	11.3	9.4	14.0





#23

Vinyl Acetate

Concen: 100.283 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX014910.D

Acq: 11 Feb 2020 12:46

Instrument :

MSVOA_X

ClientSampleId :

VX0211WBSD01

Tot Ion: 43 Resp: 1178492

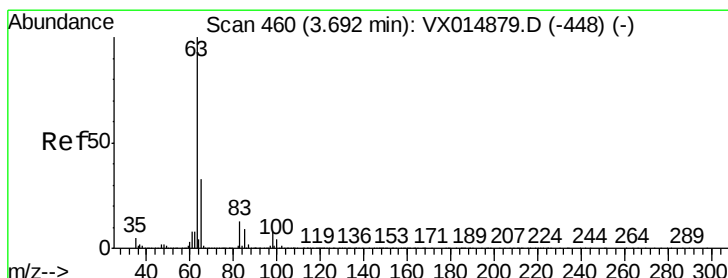
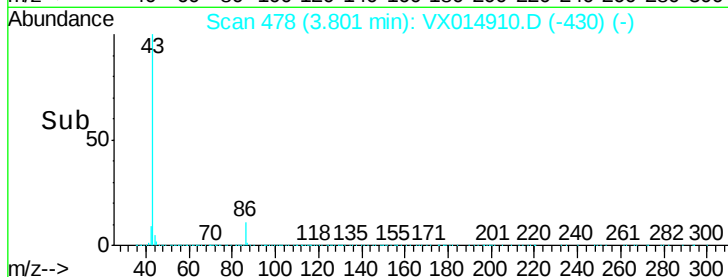
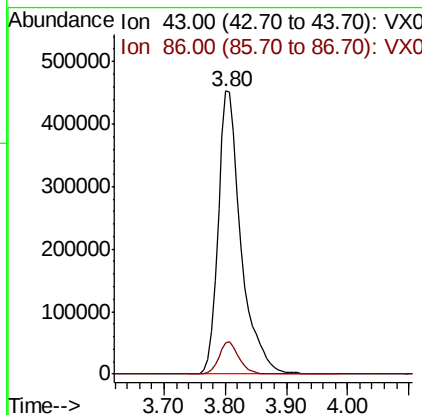
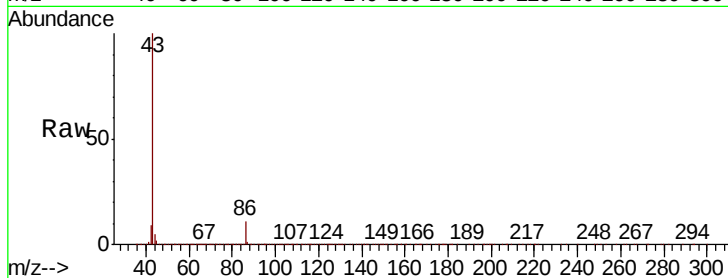
Ion Ratio Lower Upper

43 100

86 11.1 8.9 13.3

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#24

1,1-Dichloroethane

Concen: 18.642 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.00 min

Lab File: VX014910.D

Acq: 11 Feb 2020 12:46

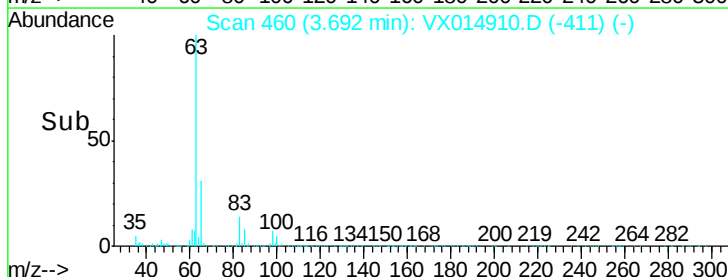
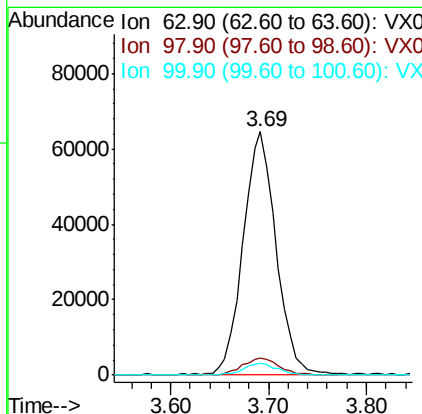
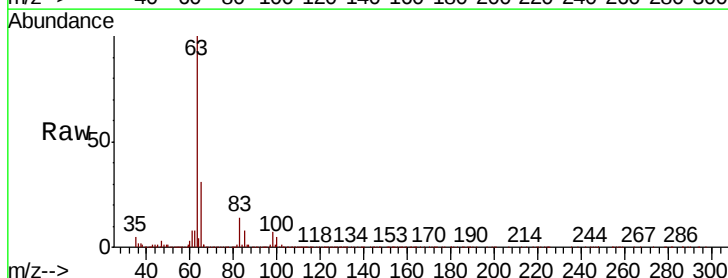
Tgt Ion: 63 Resp: 149984

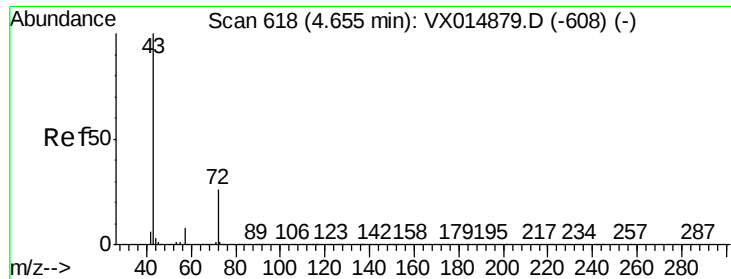
Ion Ratio Lower Upper

63 100

98 6.9 3.9 11.5

100 4.9 2.2 6.6





#25

2-Butanone

Concen: 90.868 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX014910.D

Acq: 11 Feb 2020 12:46

Tot Ion: 43 Resp: 320667

Ion Ratio Lower Upper

43 100

72 25.9 21.0 31.6

Instrument :

MSVOA_X

ClientSampleId :

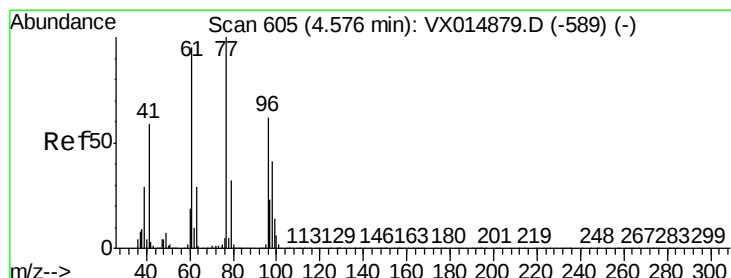
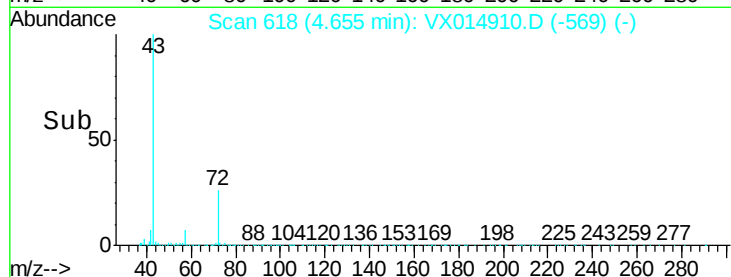
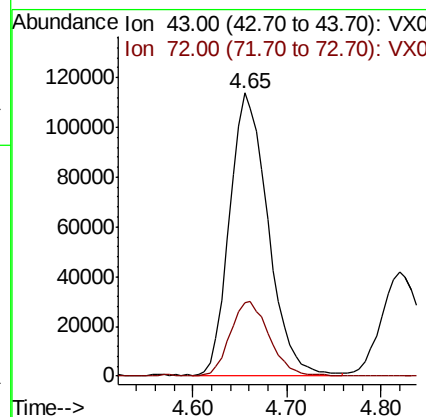
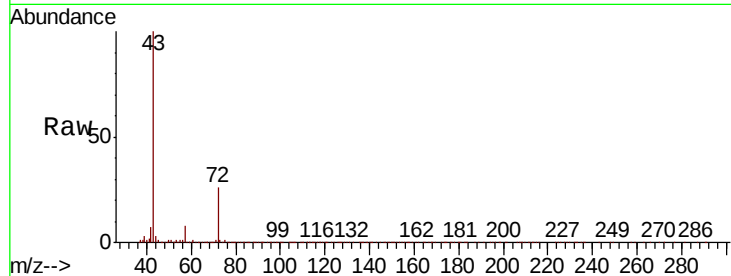
VX0211WBSD01

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#26

2,2-Dichloropropane

Concen: 18.040 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014910.D

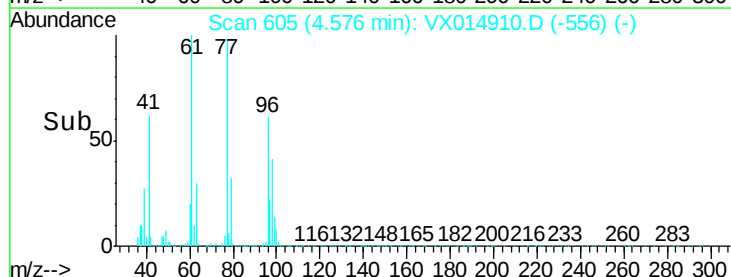
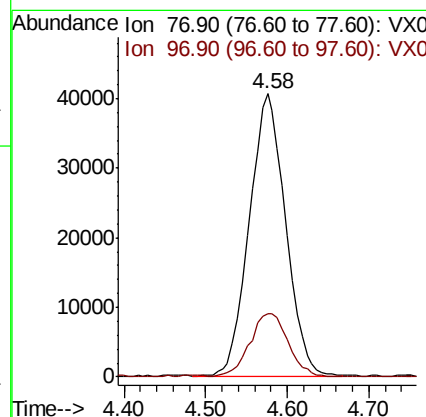
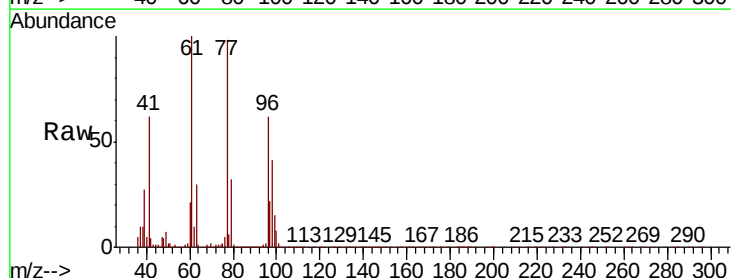
Acq: 11 Feb 2020 12:46

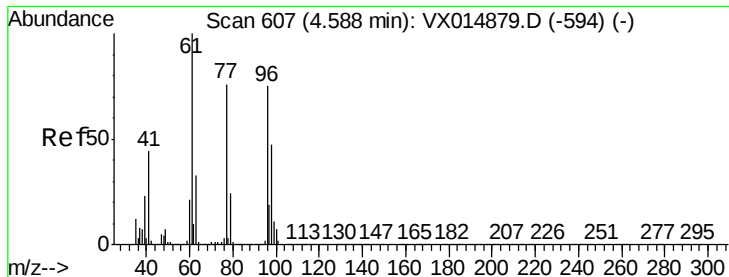
Tgt Ion: 77 Resp: 125080

Ion Ratio Lower Upper

77 100

97 24.1 11.9 35.5





#27

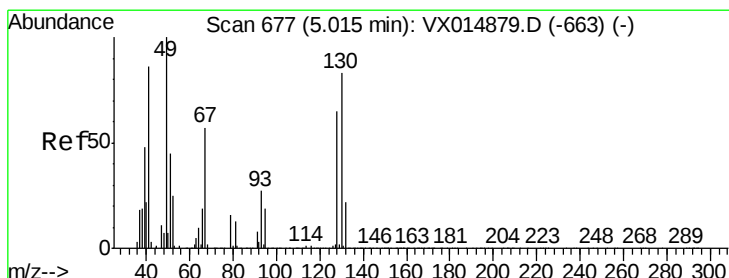
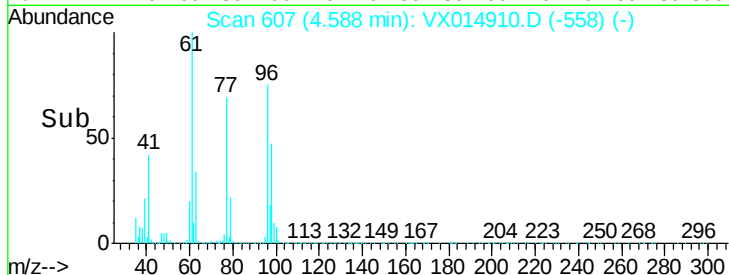
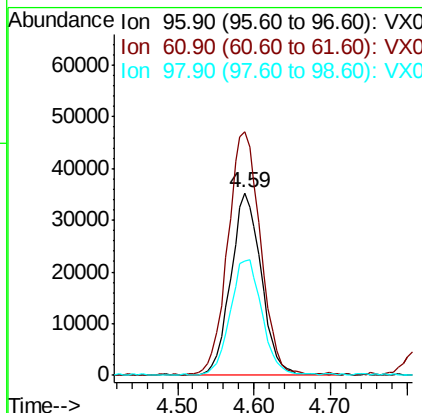
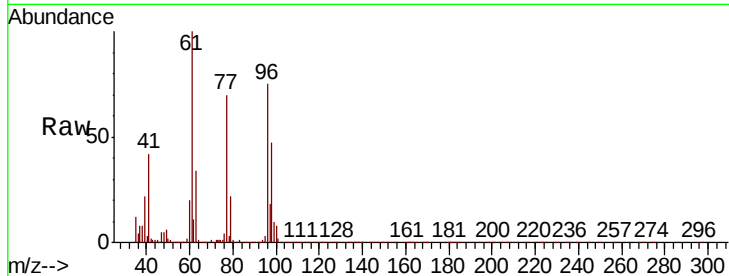
cis-1,2-Dichloroethene
Concen: 18.540 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.3	0.0	286.2
98	65.6	0.0	131.0

Manual Integrations
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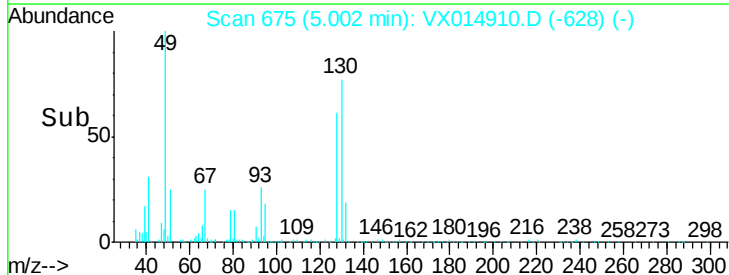
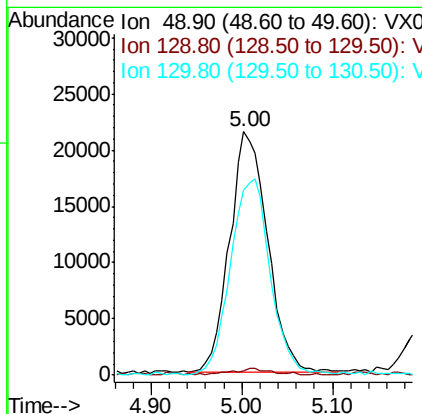
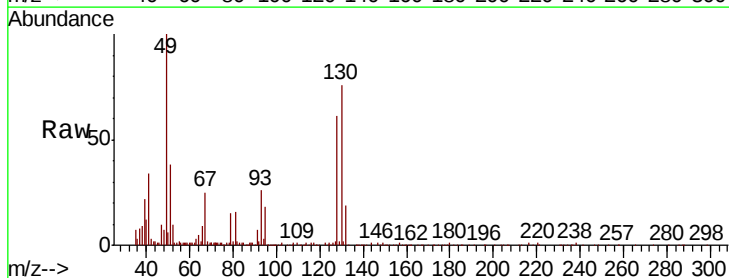
MMDadoda
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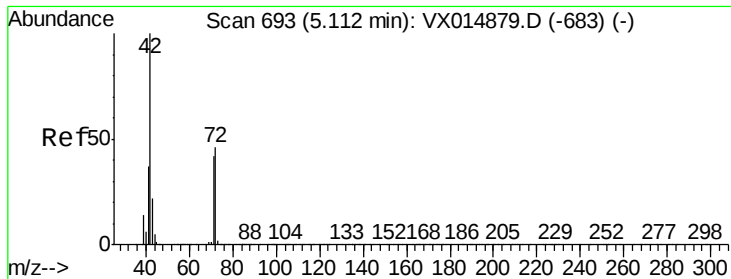


#28

Bromochloromethane
Concen: 20.122 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	5.2
130	83.9	67.4	101.2





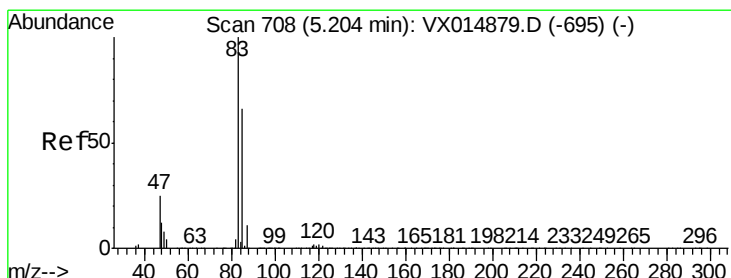
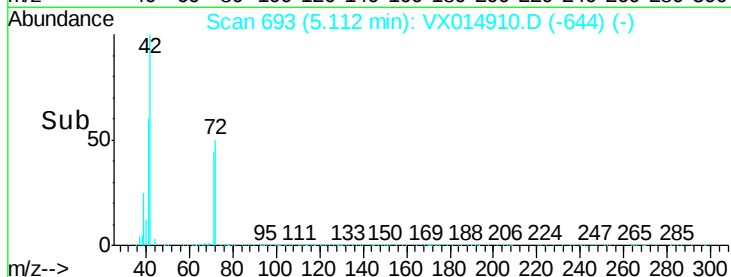
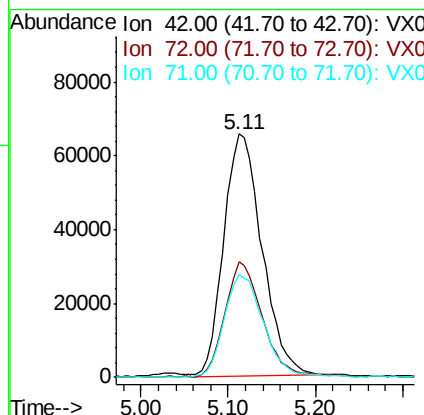
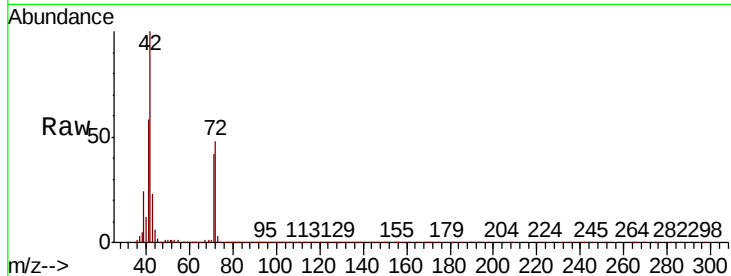
#29
Tetrahydrofuran
Concen: 99.814 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.8	36.9	55.3
71	42.8	34.1	51.1

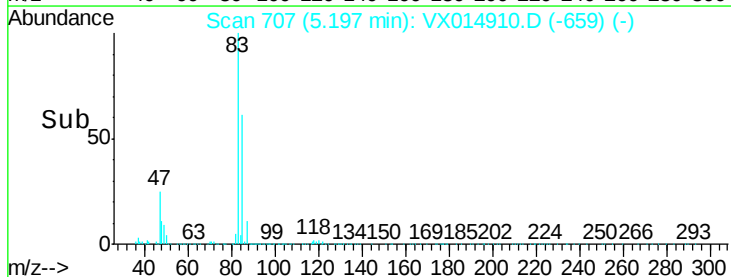
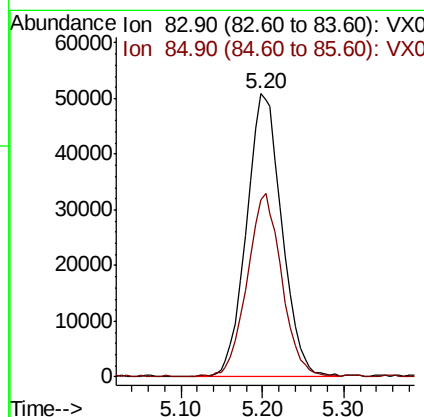
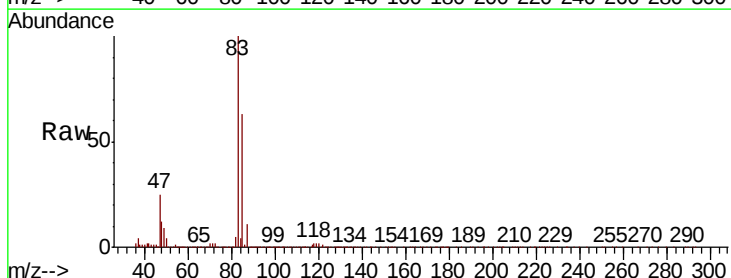
Manual Integrations
APPROVED

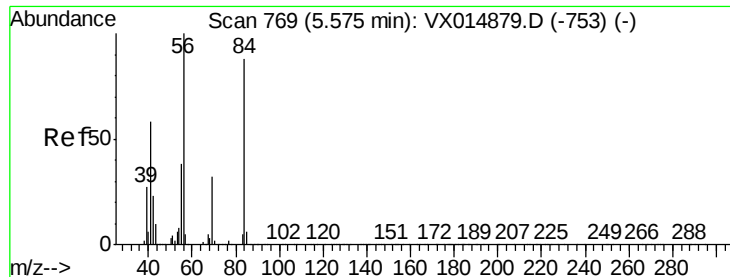
MMDadoda
2/12/2020 3:04:31 PM



#30
Chloroform
Concen: 19.178 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.6	52.9	79.3





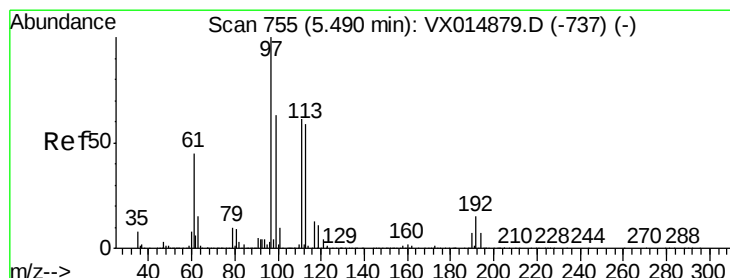
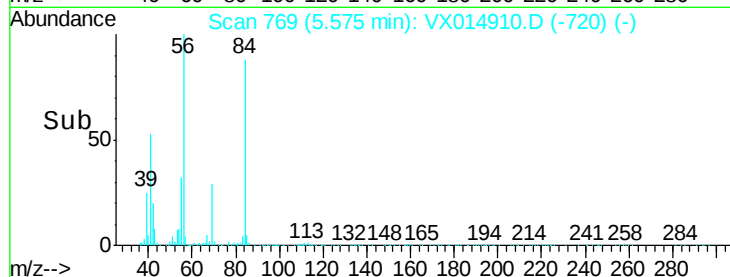
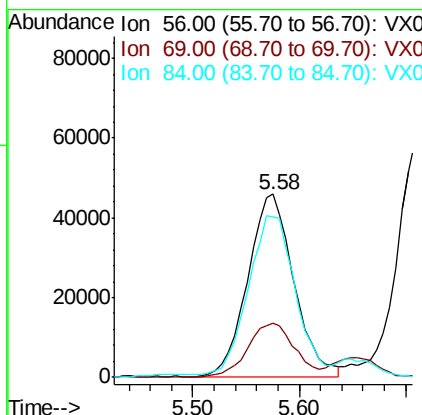
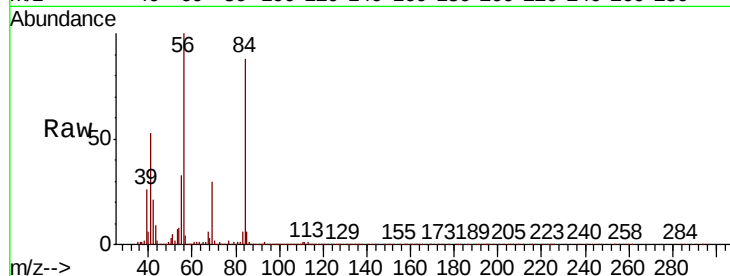
#31
Cyclohexane
Concen: 18.767 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.00 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.7	25.9	38.9
84	86.7	70.4	105.6

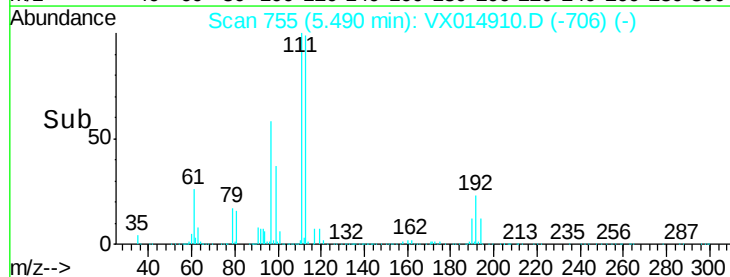
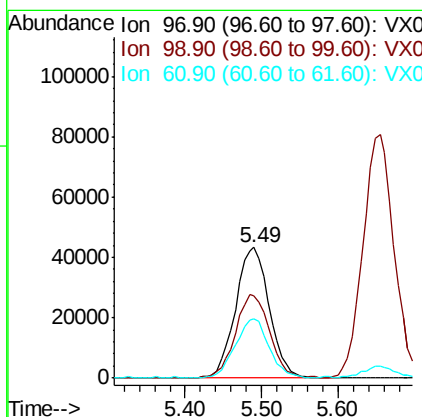
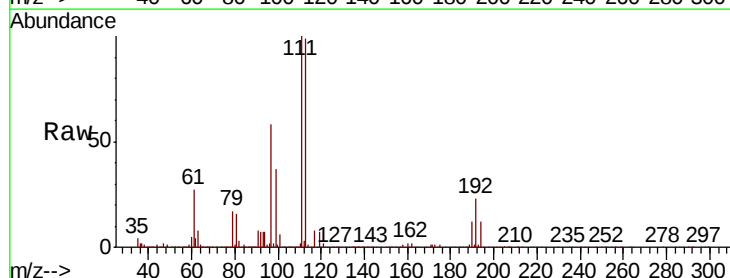
Manual Integrations
APPROVED

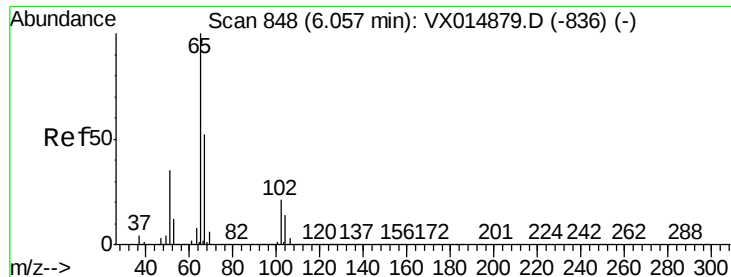
MMDadoda
2/12/2020 3:04:31 PM



#32
1,1,1-Trichloroethane
Concen: 18.934 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.5	51.0	76.6
61	45.6	36.3	54.5





#33

1,2-Dichloroethane-d4

Concen: 48.182 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX014910.D

Acq: 11 Feb 2020 12:46

Instrument :

MSVOA_X

ClientSampleId :

VX0211WBSD01

Tot Ion: 65 Resp: 249752

Ion Ratio Lower Upper

65 100

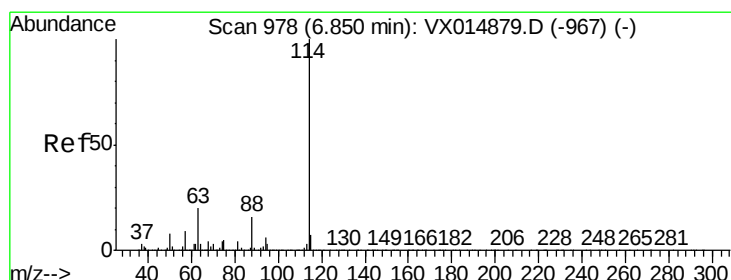
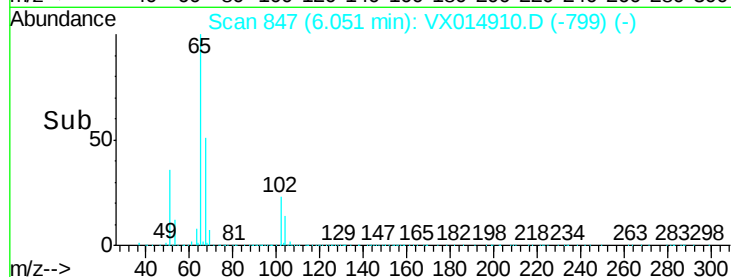
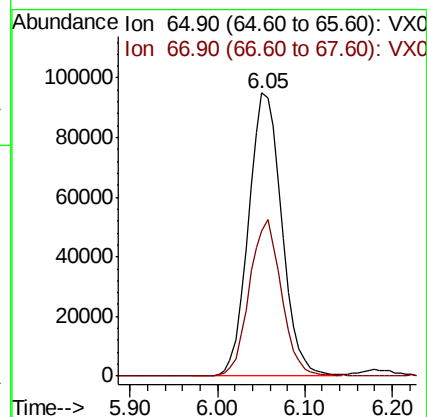
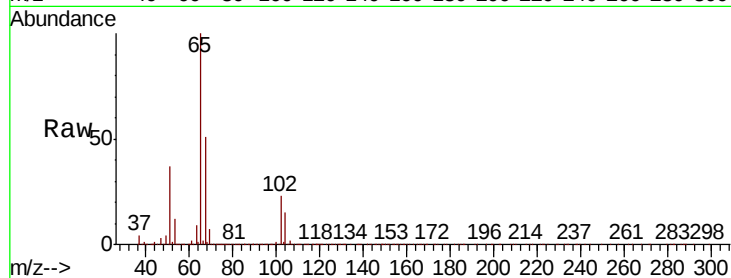
67 53.5 0.0 103.0

Manual Integrations

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2/12/2020 3:04:31 PM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014910.D

Acq: 11 Feb 2020 12:46

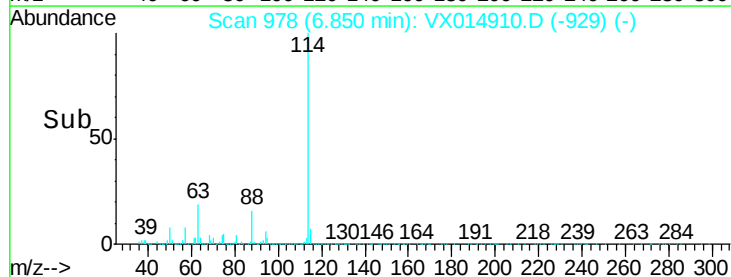
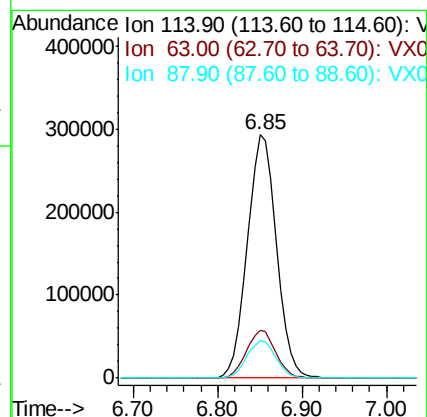
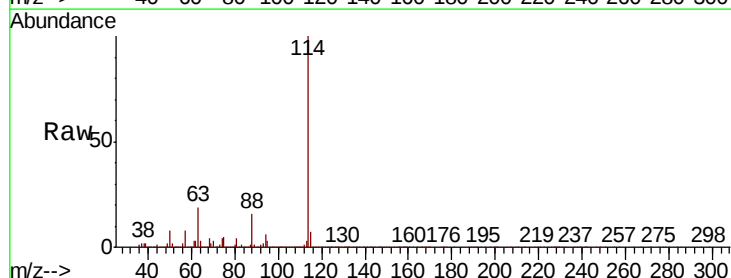
Tgt Ion: 114 Resp: 686407

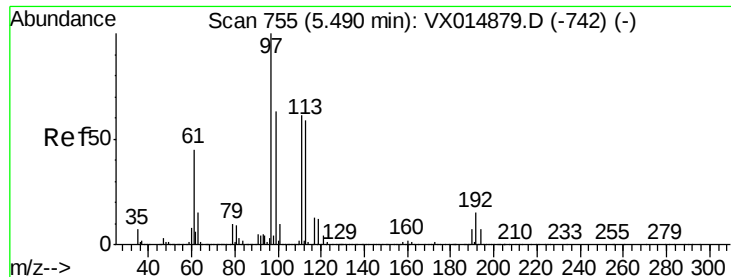
Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.2

88 15.5 0.0 32.0





#35

Dibromofluoromethane

Concen: 48.809 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014910.D

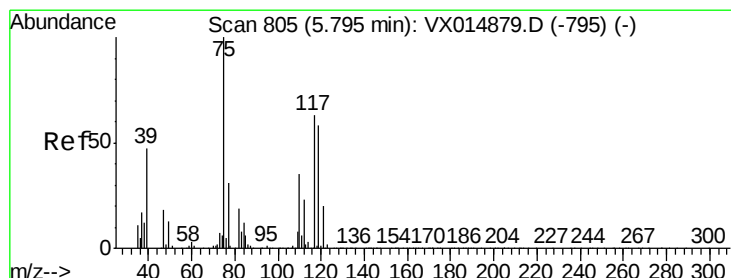
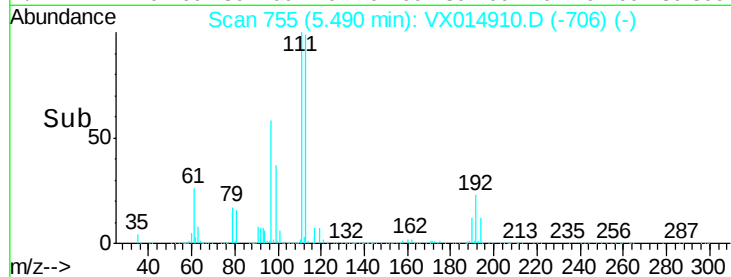
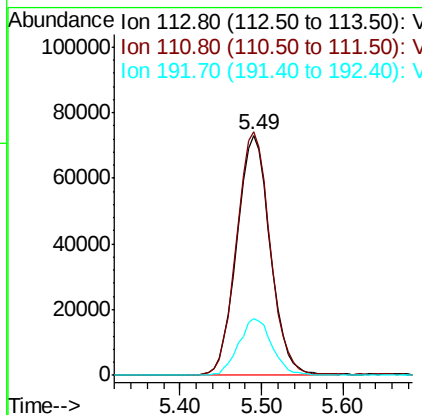
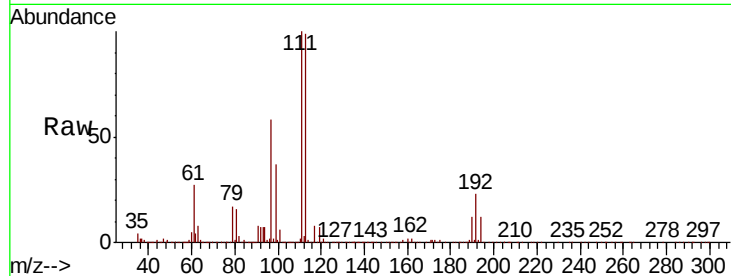
Acq: 11 Feb 2020 12:46

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBSD01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.4	123.6
192	23.8	19.1	28.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 18.828 ug/l

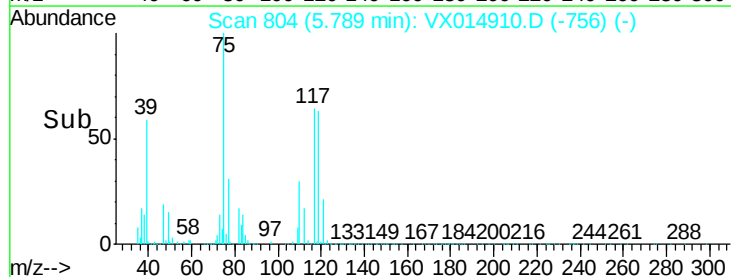
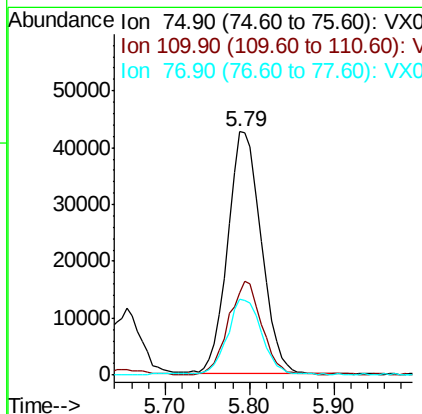
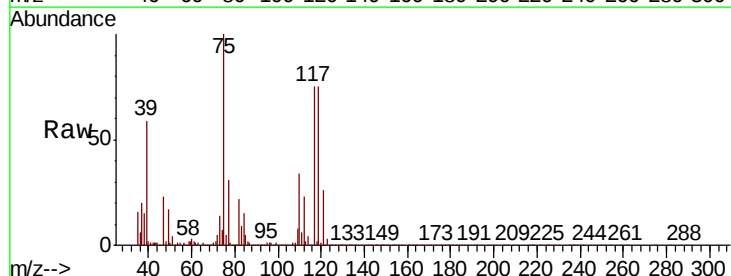
RT: 5.79 min Scan# 804

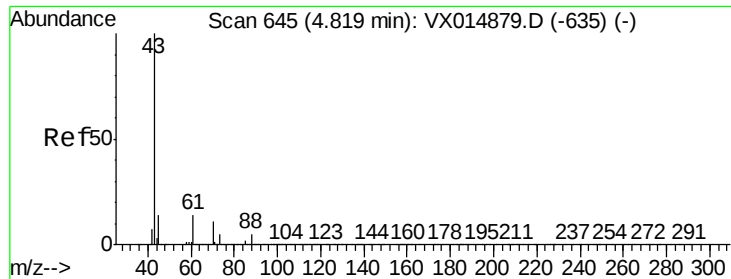
Delta R.T. -0.01 min

Lab File: VX014910.D

Acq: 11 Feb 2020 12:46

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.0	18.3	54.8
77	30.7	24.6	36.8





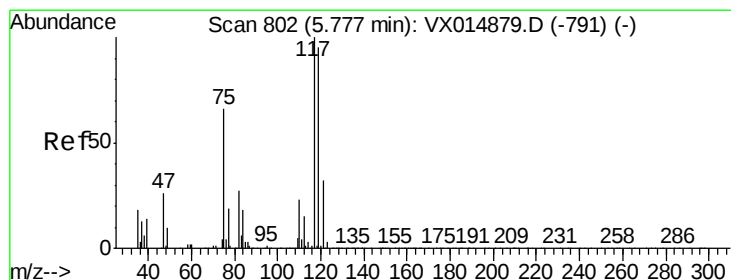
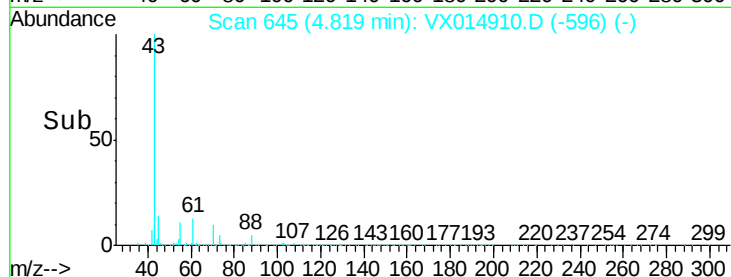
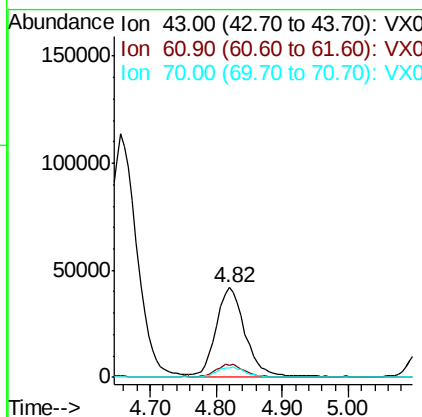
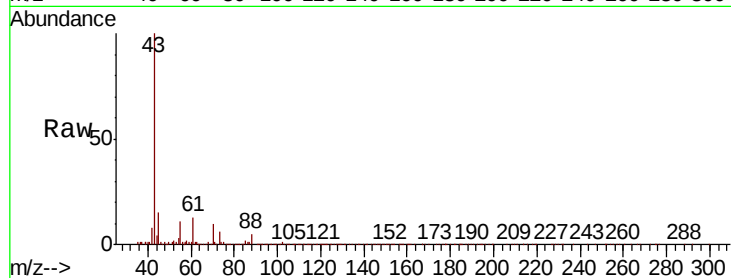
#37
Ethyl Acetate
Concen: 19.560 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.9	16.3
70	10.8	8.7	13.1

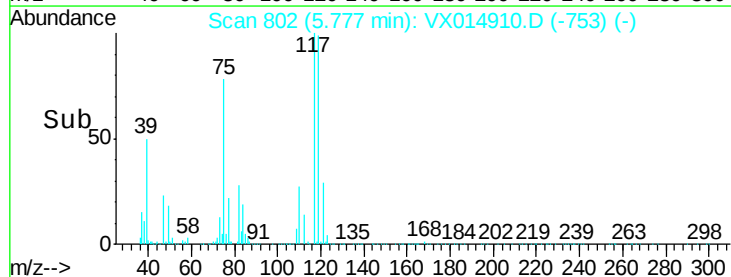
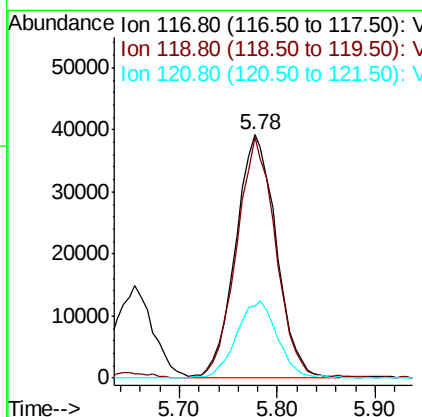
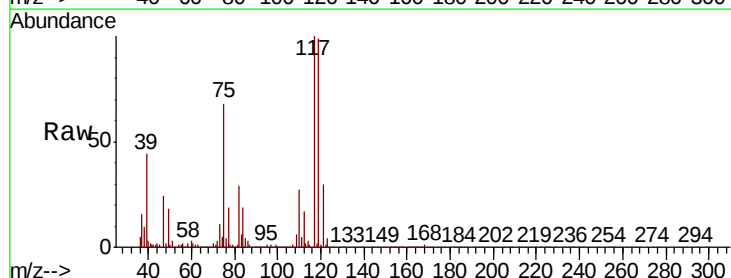
Manual Integrations
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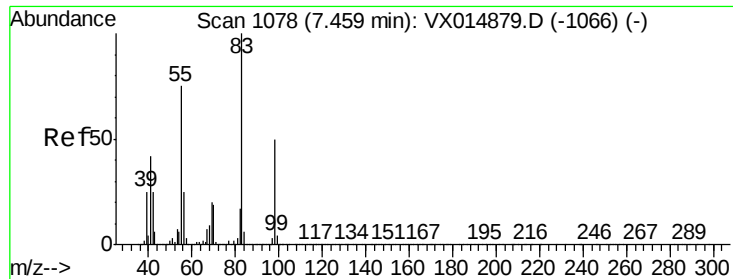
MMDadoda
2/12/2020 3:04:31 PM



#38
Carbon Tetrachloride
Concen: 18.777 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.8	76.0	114.0
121	30.0	25.4	38.2





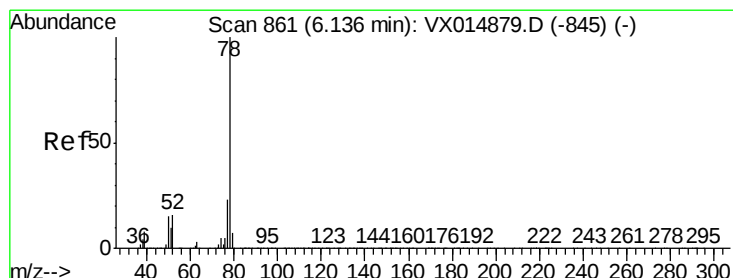
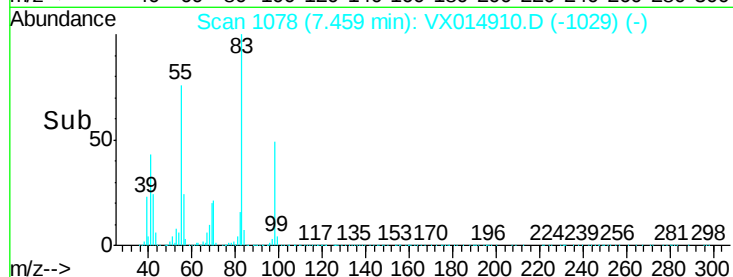
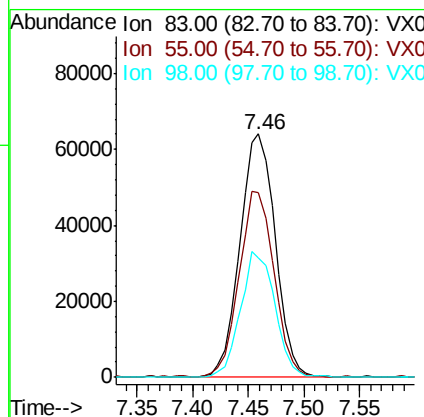
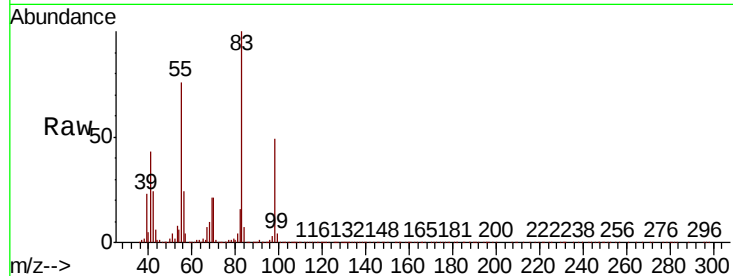
#39
Methylvlcyclohexane
Concen: 18.455 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.4	60.0	90.0
98	49.1	39.6	59.4

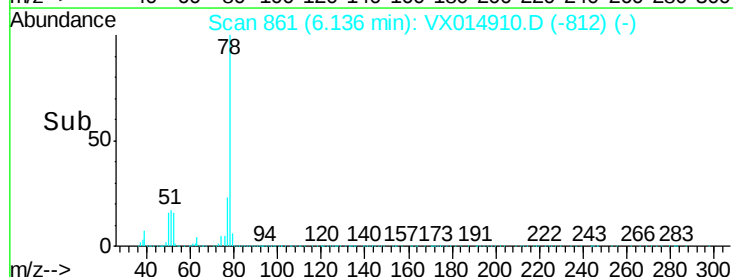
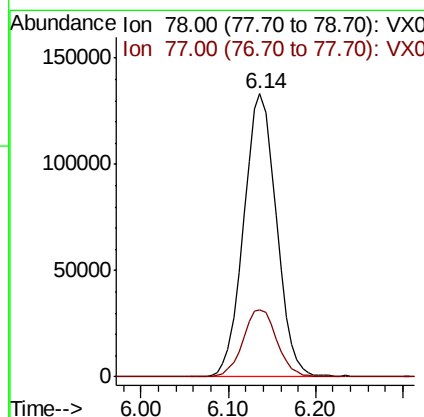
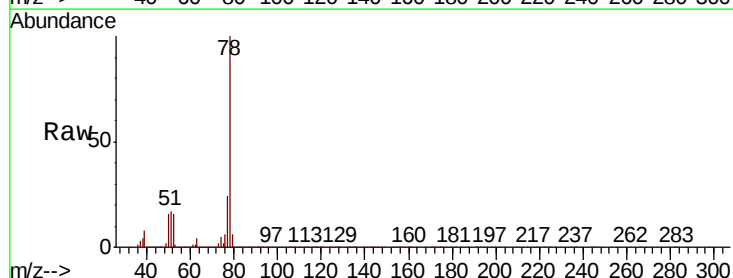
Manual Integrations
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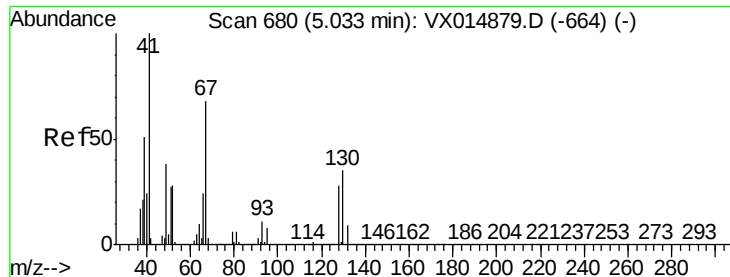
MMDadoda
2/12/2020 3:04:31 PM



#40
Benzene
Concen: 18.945 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.8	28.2





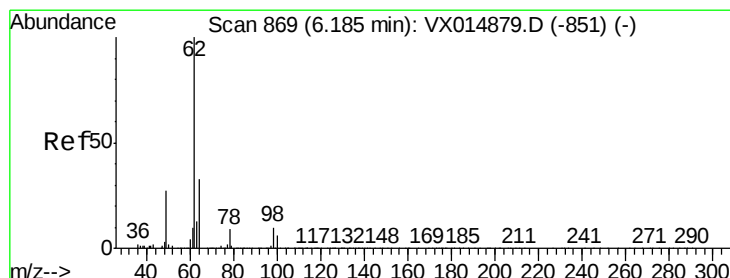
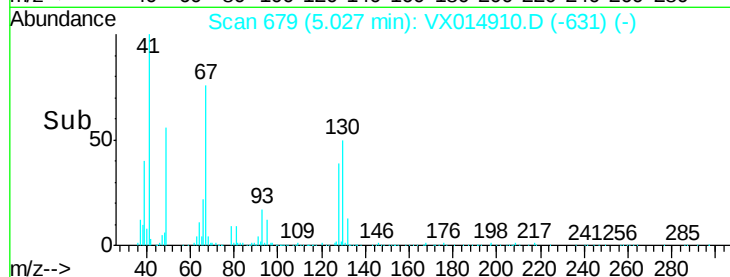
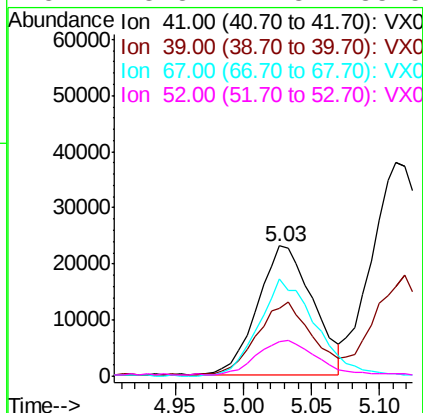
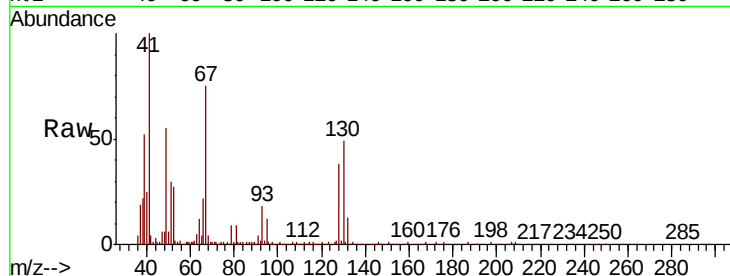
#41
Methacrylonitrile
Concen: 19.003 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		65559		
39	55.1	44.7	67.1		
67	76.5	56.6	84.8		
52	28.8	22.3	33.5		

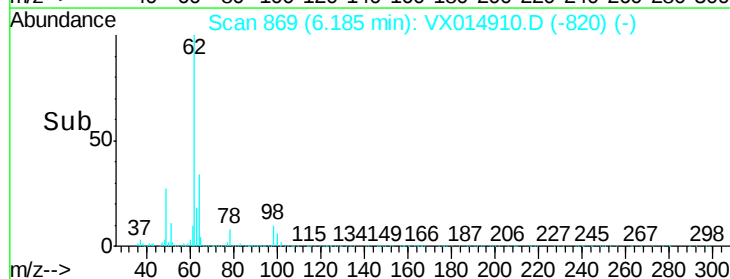
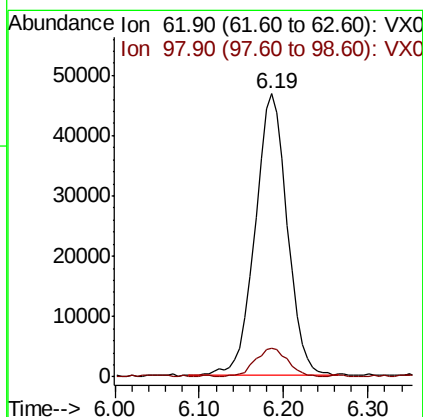
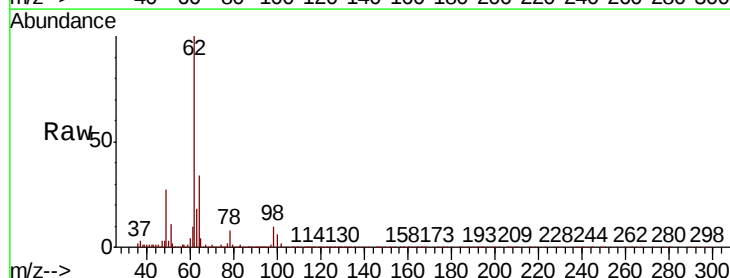
Manual Integrations
APPROVED

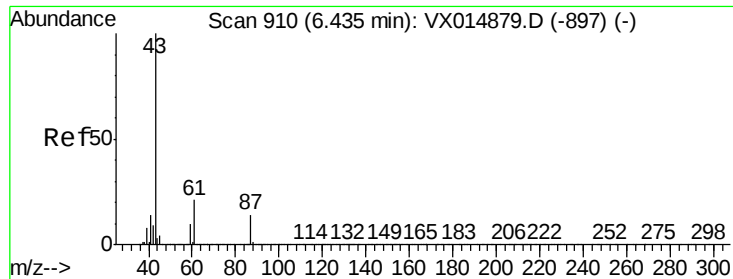
MMDadoda
2/12/2020 3:04:31 PM



#42
1,2-Dichloroethane
Concen: 18.408 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		122057		
98	10.1	0.0	19.2		





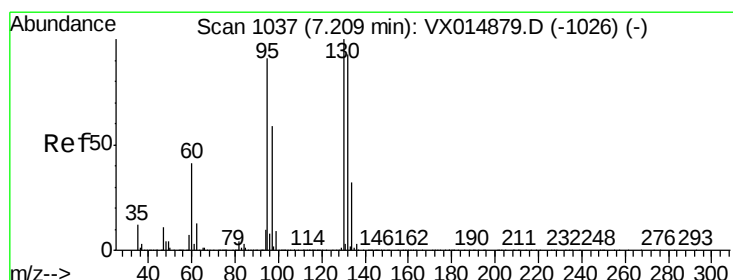
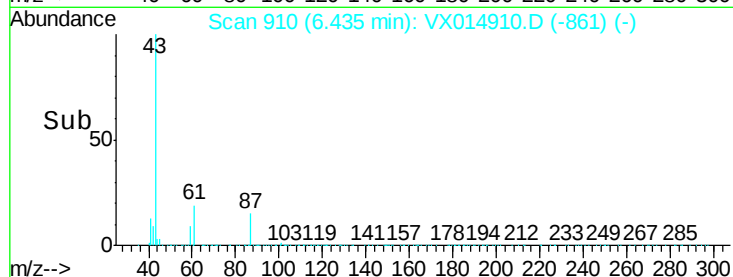
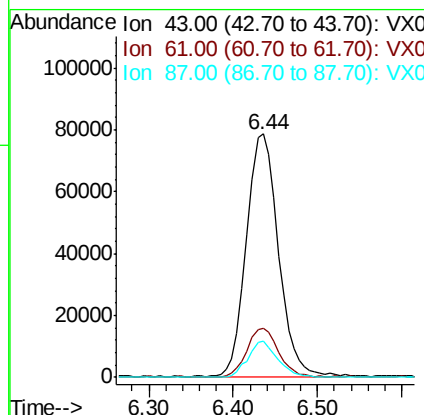
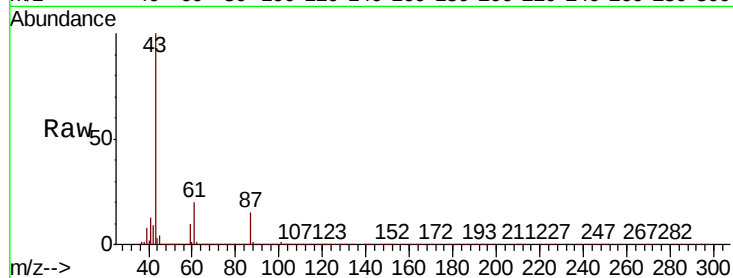
#43
Isopropyl Acetate
Concen: 19.352 ug/l
RT: 6.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.0	16.2	24.4
87	13.3	11.0	16.6

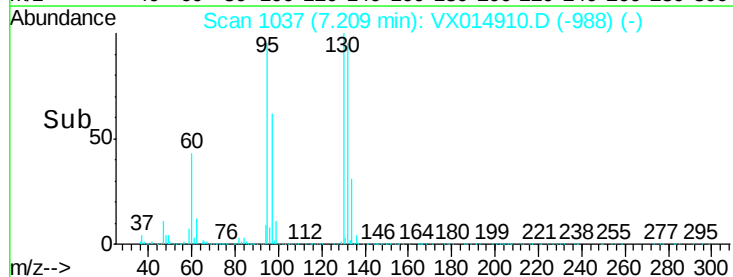
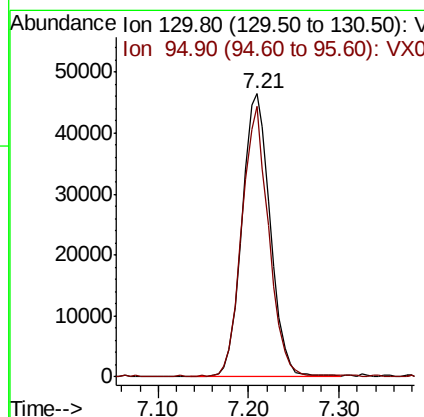
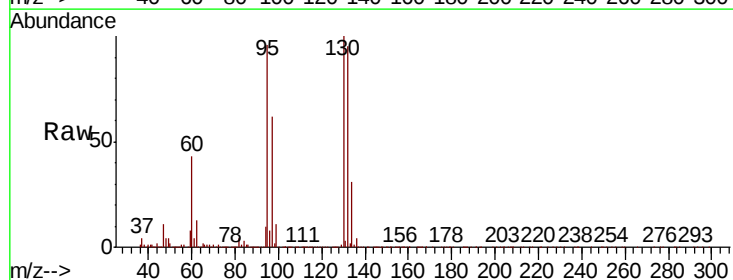
Manual Integrations
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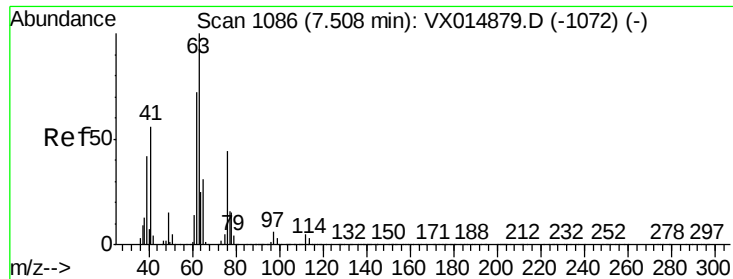
MMDadoda
2/12/2020 3:04:31 PM



#44
Trichloroethene
Concen: 18.801 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.3	0.0	182.6





#45

1,2-Dichloropropane

Concen: 18.466 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX014910.D

Acq: 11 Feb 2020 12:46

Instrument :

MSVOA_X

ClientSampleId :

VX0211WBSD01

Tot Ion: 63 Resp: 86398

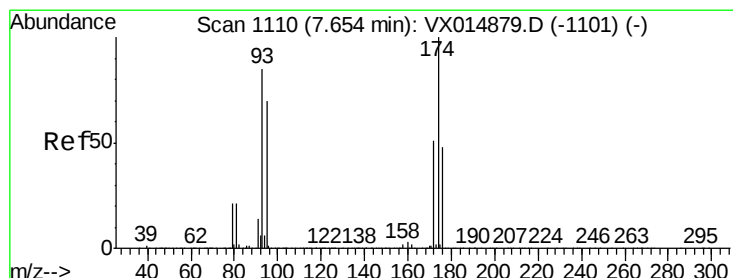
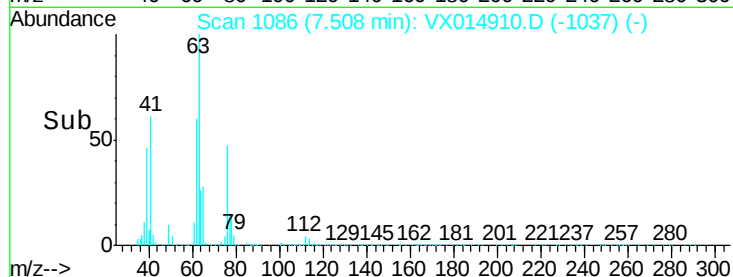
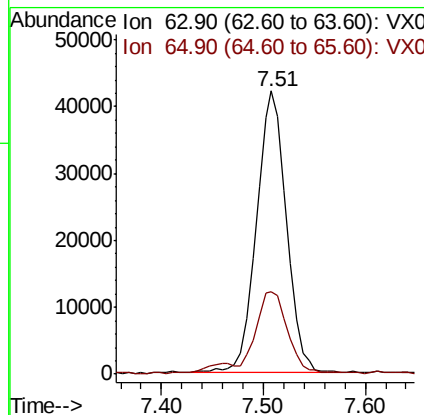
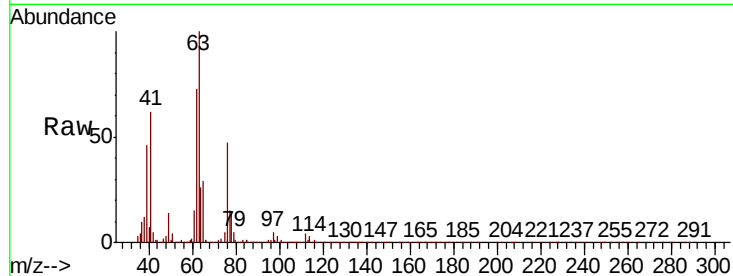
Ion Ratio Lower Upper

63 100

65 28.7 24.9 37.3

Manual Integrations
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#46

Dibromomethane

Concen: 18.489 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014910.D

Acq: 11 Feb 2020 12:46

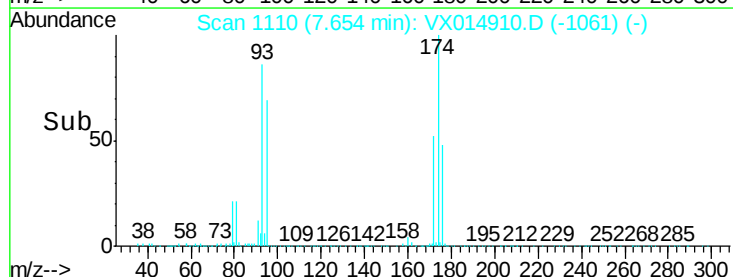
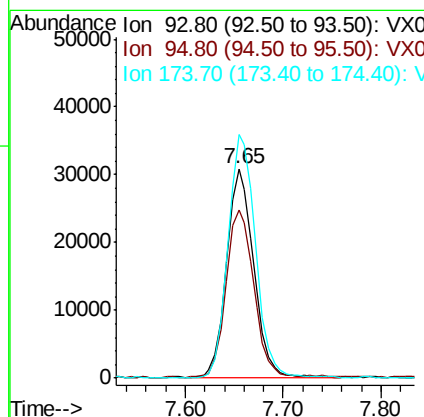
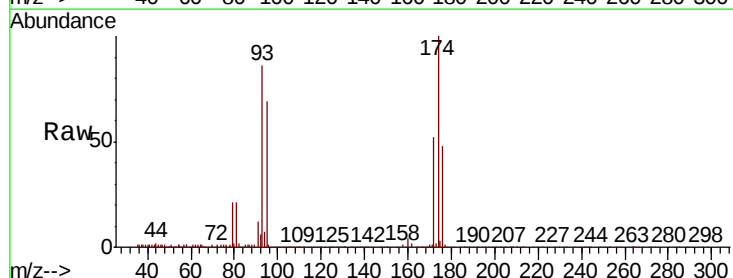
Tgt Ion: 93 Resp: 59130

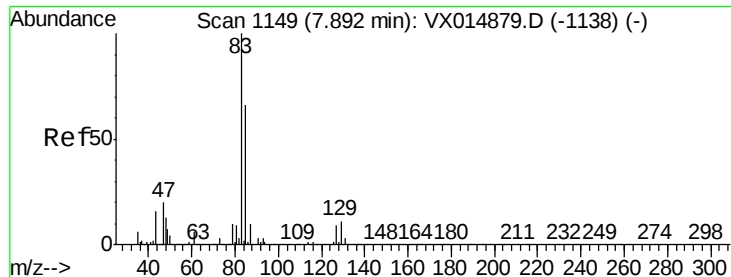
Ion Ratio Lower Upper

93 100

95 83.5 65.8 98.8

174 119.3 95.4 143.2





#47

Bromodichloromethane

Concen: 18.501 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014910.D

Acq: 11 Feb 2020 12:46

Instrument :

MSVOA_X

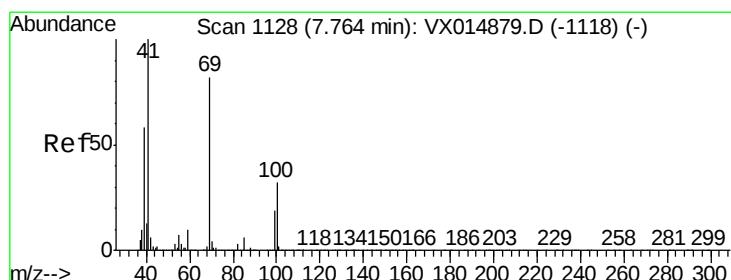
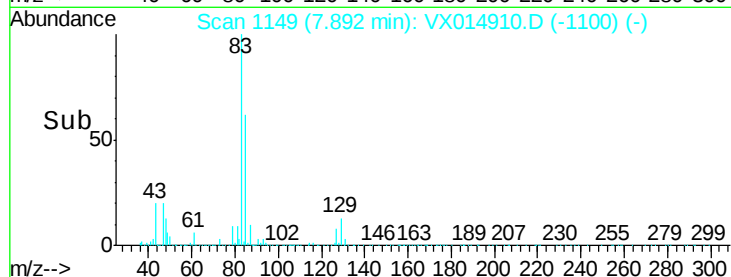
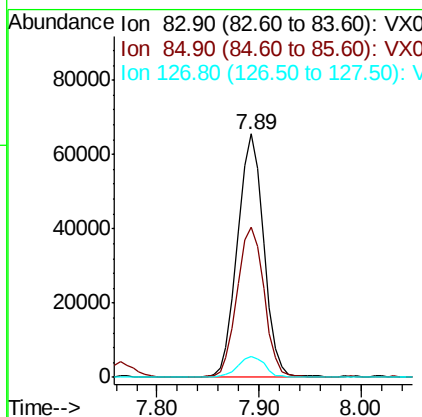
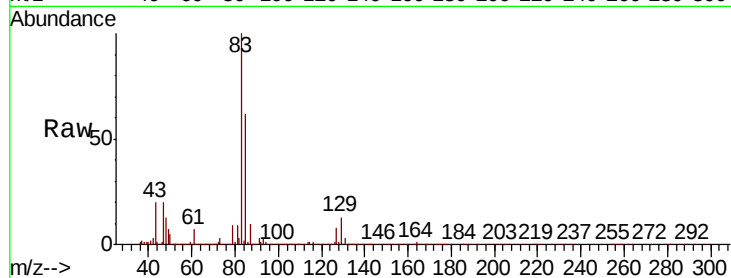
ClientSampleId :

VX0211WBSD01

Tot Ion:	83	Resp:	117316
Ion Ratio	Lower	Upper	
83	100		
85	61.6	52.5	78.7
127	8.3	7.4	11.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.754 ug/l

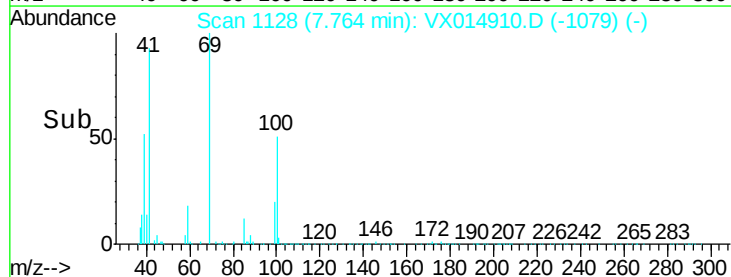
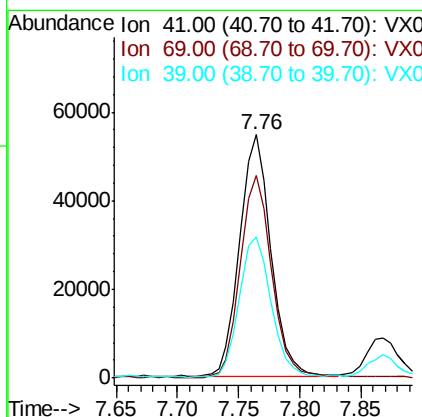
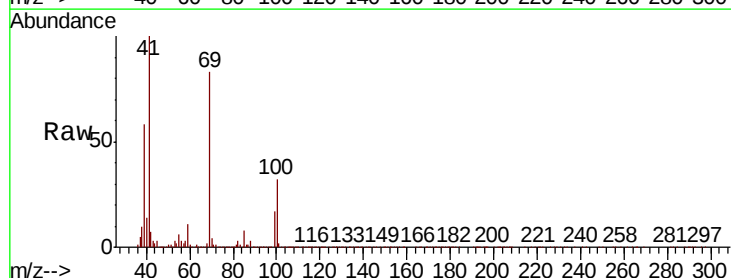
RT: 7.76 min Scan# 1128

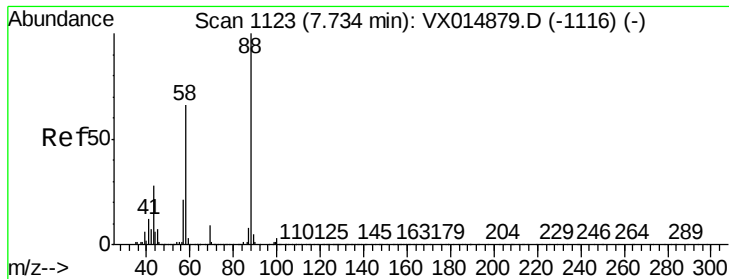
Delta R.T. 0.00 min

Lab File: VX014910.D

Acq: 11 Feb 2020 12:46

Tgt Ion:	41	Resp:	97504
Ion Ratio	Lower	Upper	
41	100		
69	83.7	65.7	98.5
39	58.9	45.8	68.8





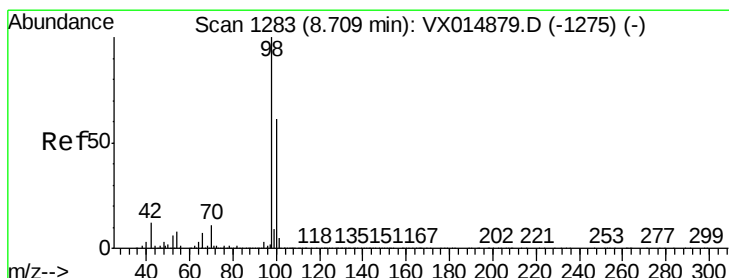
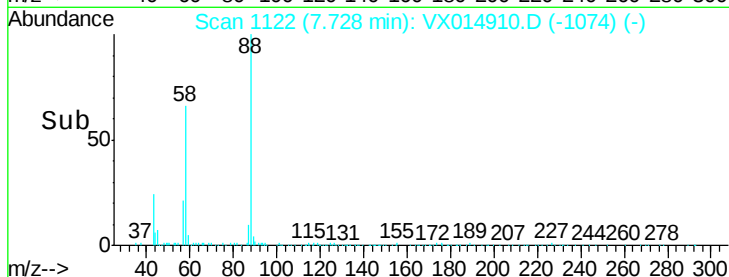
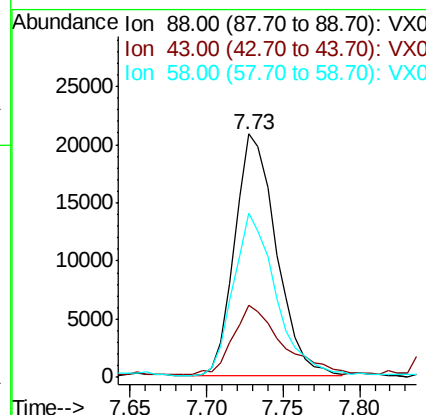
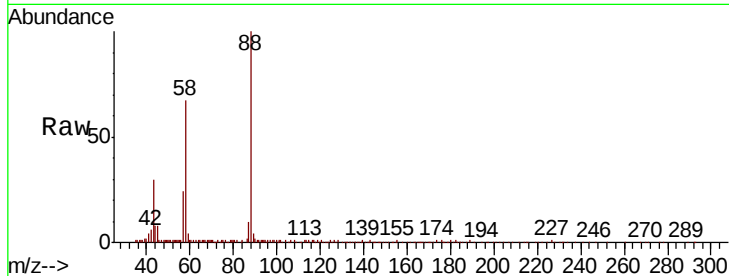
#49
1,4-Dioxane
Concen: 403.885 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.7	27.0	40.4
58	69.8	53.2	79.8

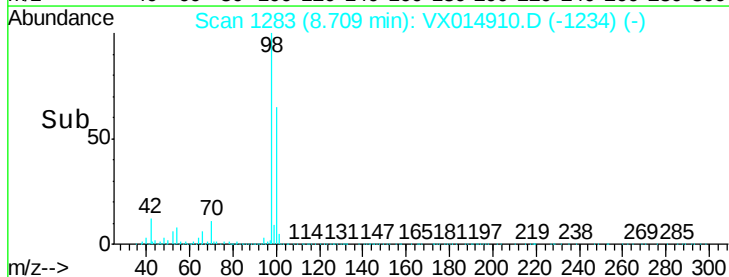
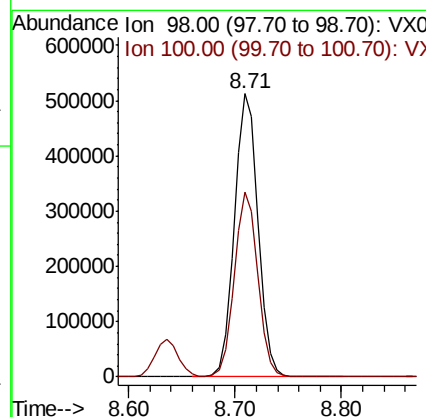
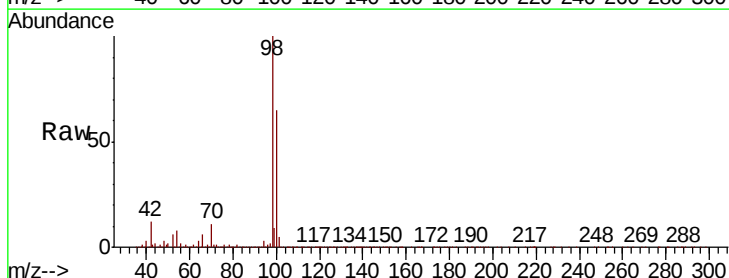
Manual Integrations
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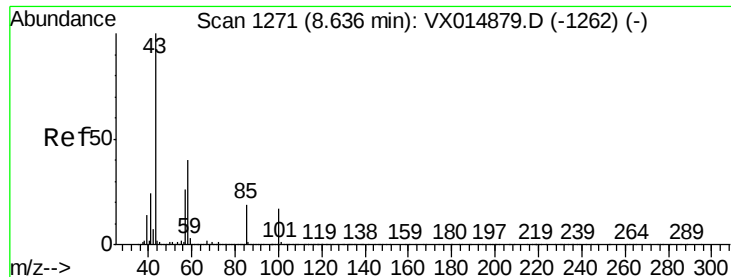
MMDadoda
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#50
Toluene-d8
Concen: 49.406 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 98.465 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX014910.D

Acq: 11 Feb 2020 12:46

Instrument :

MSVOA_X

ClientSampleId :

VX0211WBSD01

Tot Ion: 43 Resp: 628102

Ion Ratio Lower Upper

43 100

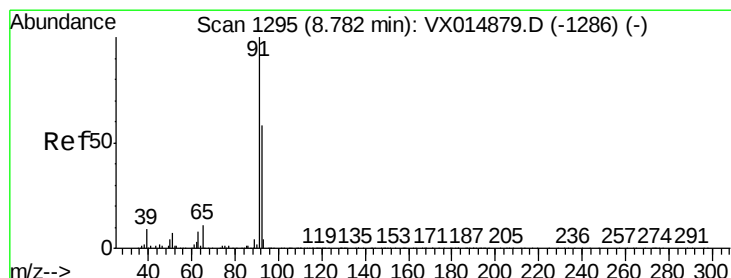
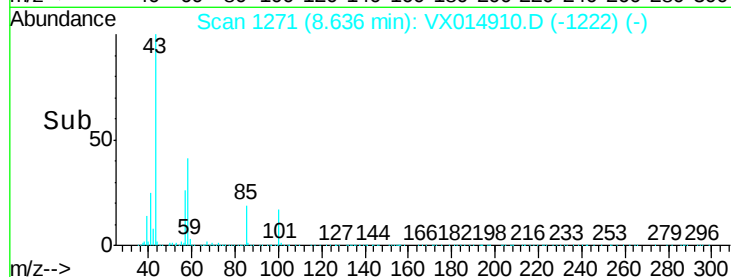
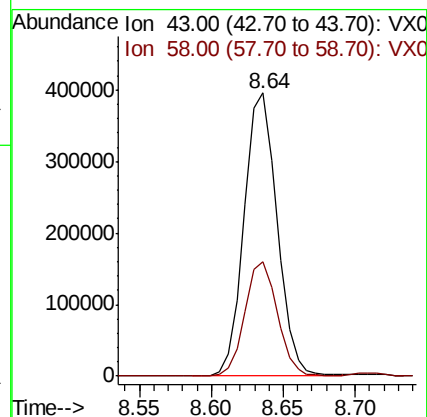
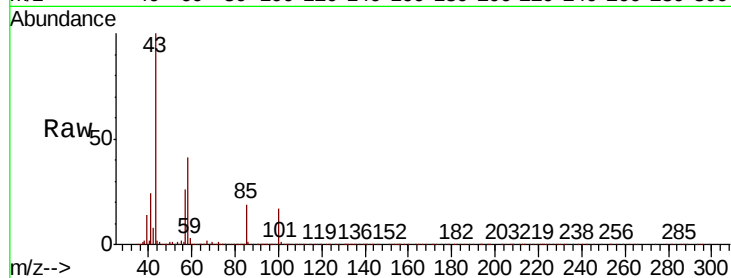
58 39.9 31.9 47.9

Manual Integrations

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2/12/2020 3:04:31 PM



#52

Toluene

Concen: 18.840 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX014910.D

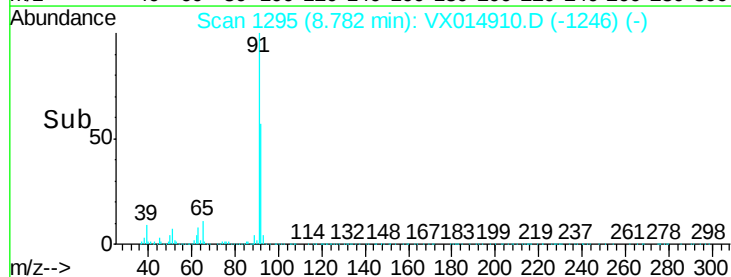
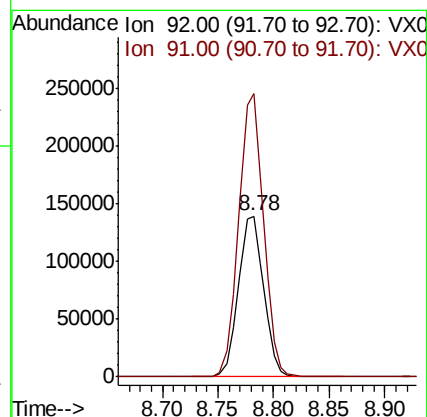
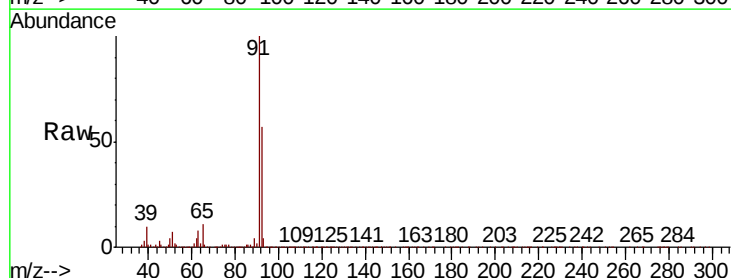
Acq: 11 Feb 2020 12:46

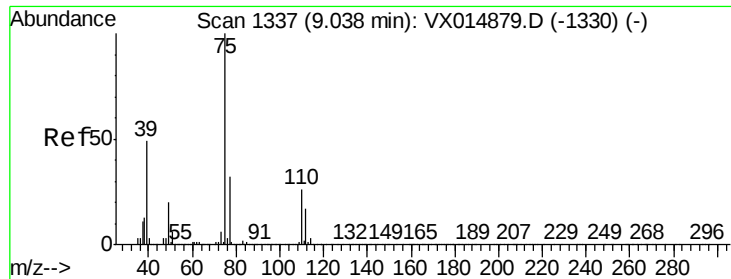
Tgt Ion: 92 Resp: 219519

Ion Ratio Lower Upper

92 100

91 172.9 137.0 205.4





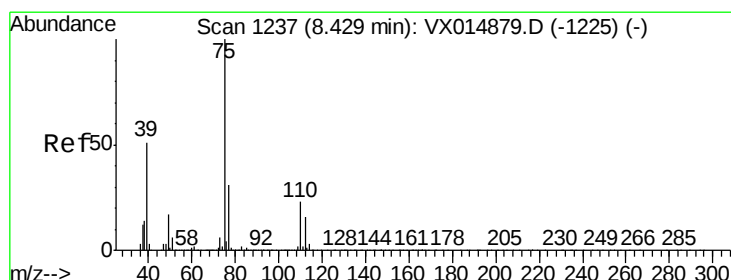
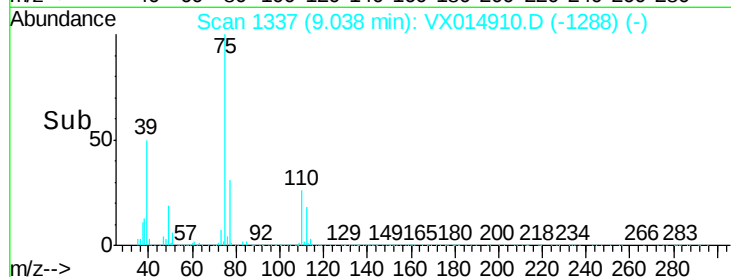
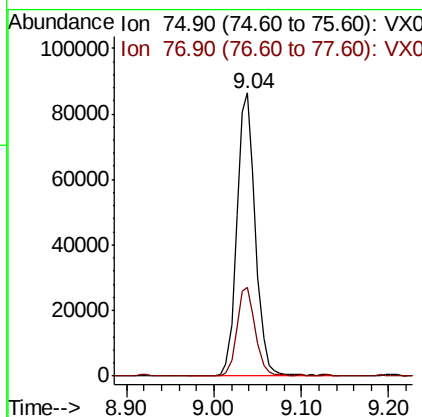
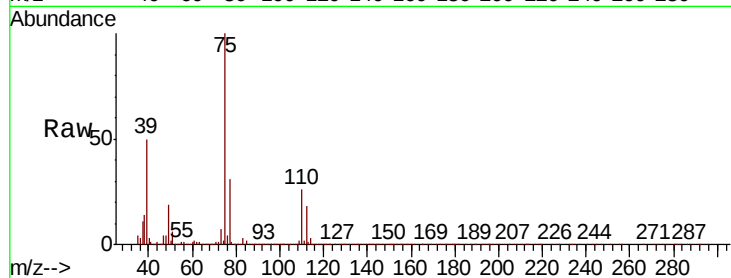
#53
t-1,3-Dichloropropene
Concen: 18.317 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.5	38.3

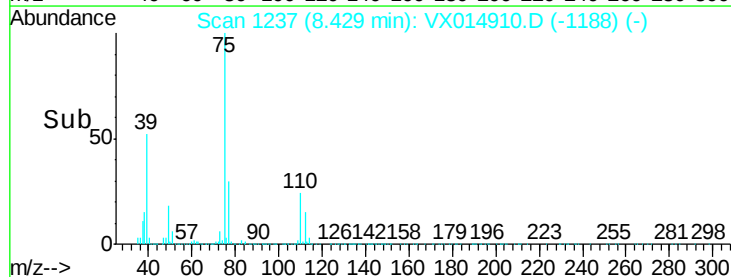
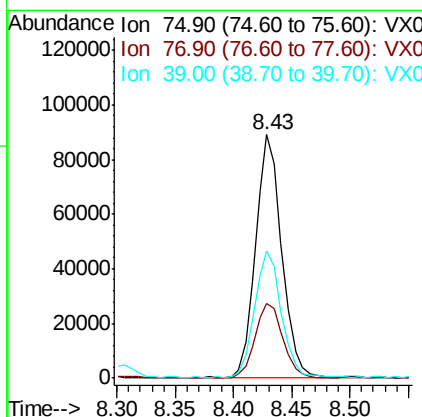
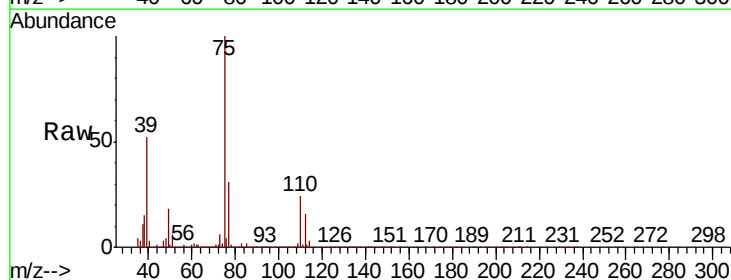
Manual Integrations
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#54
cis-1,3-Dichloropropene
Concen: 18.182 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.4	24.6	37.0
39	52.1	40.9	61.3





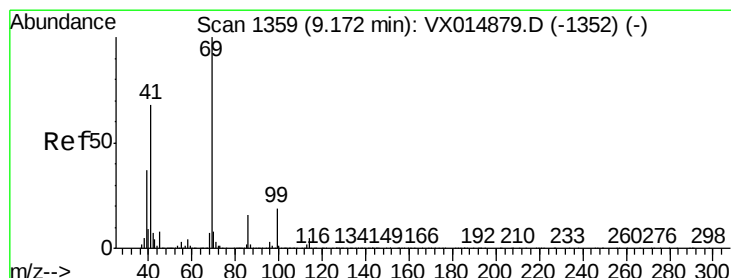
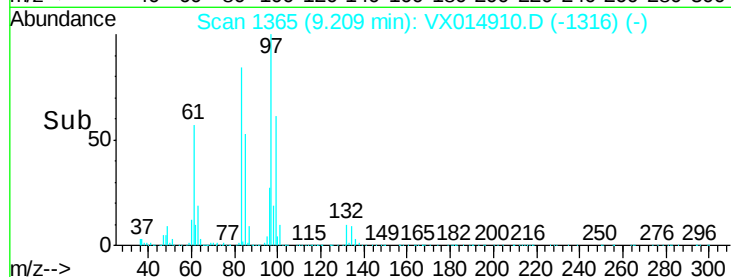
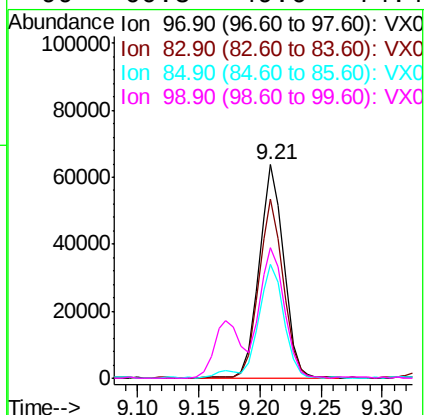
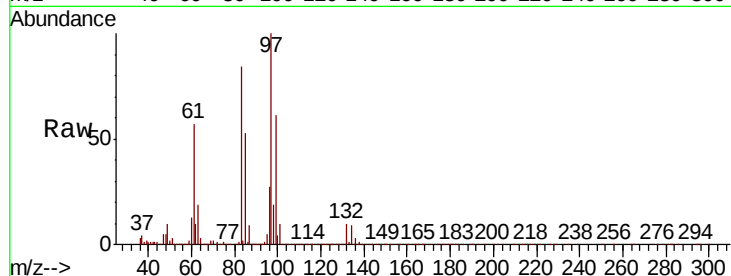
#55
 1,1,2-Trichloroethane
 Concen: 19.029 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014910.D
 Acq: 11 Feb 2020 12:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0211WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		89709		
83	84.1	66.6	99.8		
85	52.9	43.5	65.3		
99	60.8	49.6	74.4		

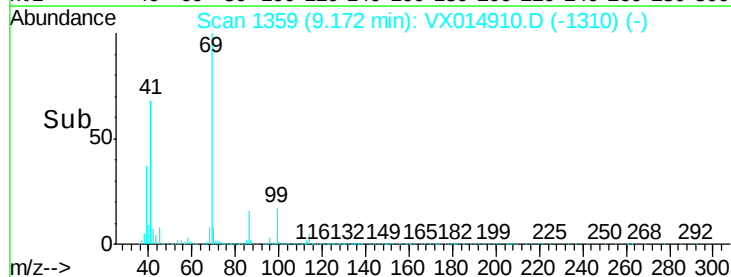
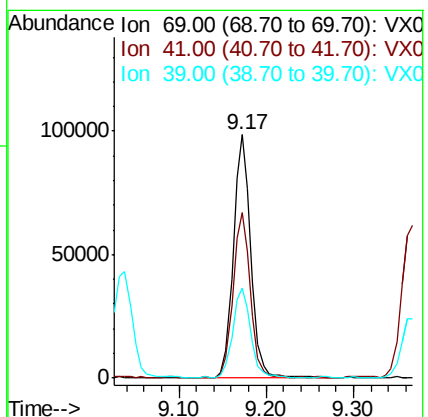
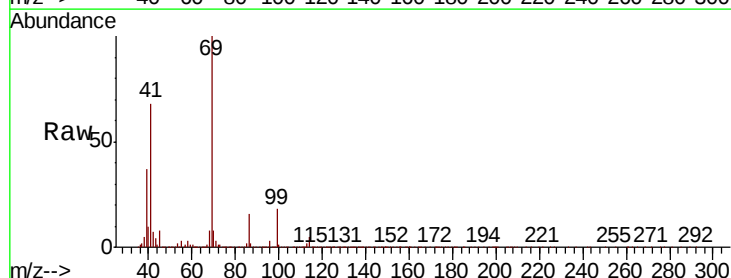
Manual Integrations
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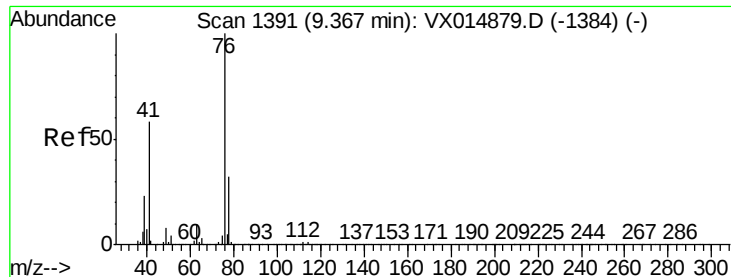
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#56
 Ethyl methacrylate
 Concen: 19.355 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014910.D
 Acq: 11 Feb 2020 12:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		137148		
41	68.6	54.8	82.2		
39	37.6	29.9	44.9		





#57

1,3-Dichloropropane

Concen: 19.114 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014910.D

Acq: 11 Feb 2020 12:46

Instrument :

MSVOA_X

ClientSampleId :

VX0211WBSD01

Tot Ion: 76 Resp: 151676

Ion Ratio Lower Upper

76 100

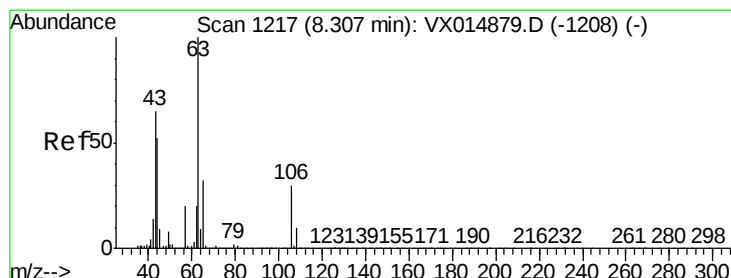
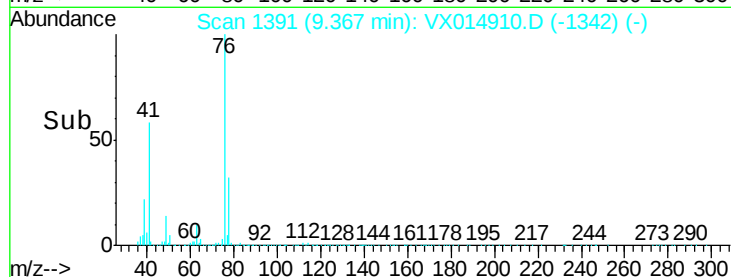
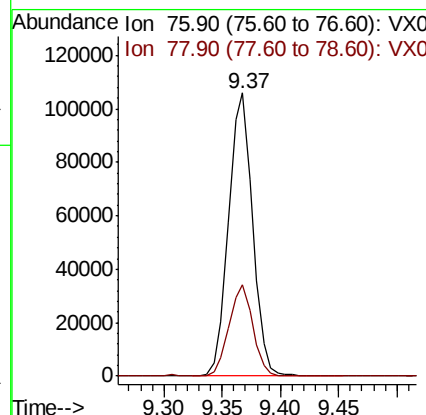
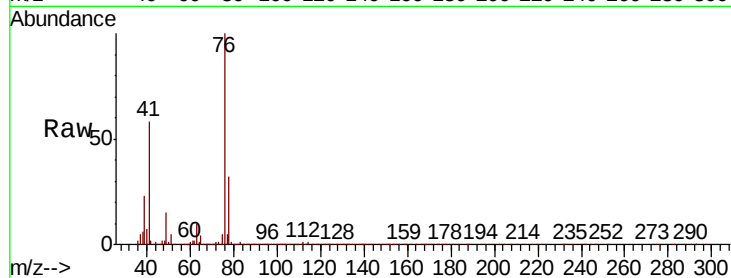
78 31.7 25.8 38.8

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 94.240 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014910.D

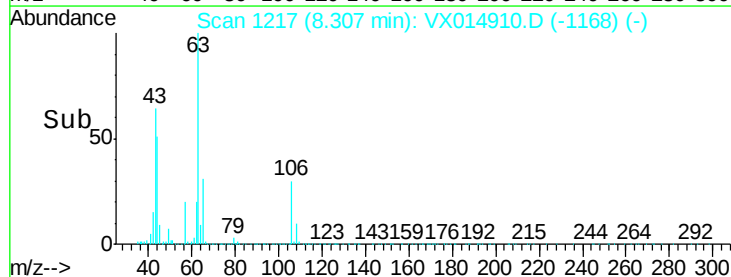
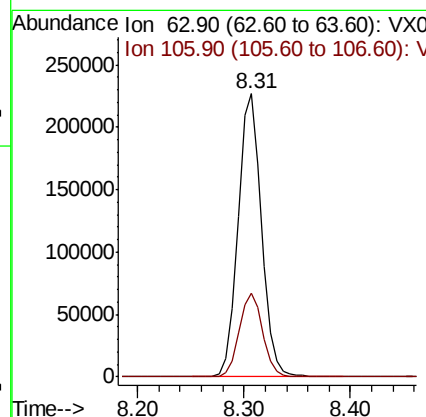
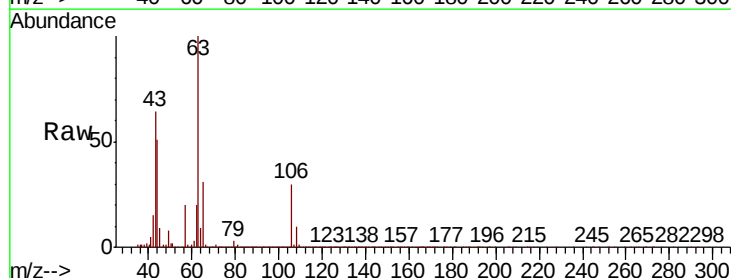
Acq: 11 Feb 2020 12:46

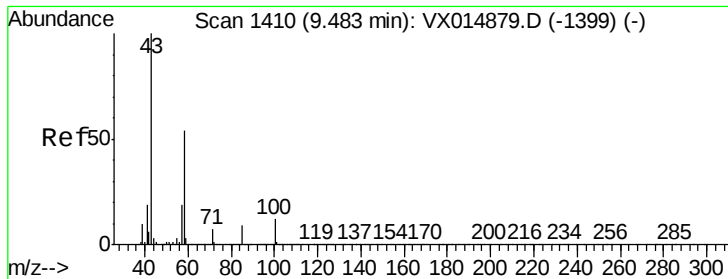
Tgt Ion: 63 Resp: 349230

Ion Ratio Lower Upper

63 100

106 29.8 23.8 35.8





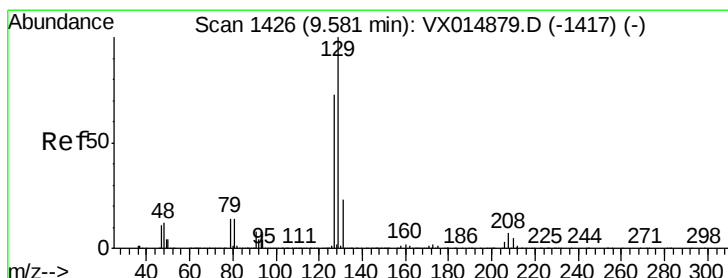
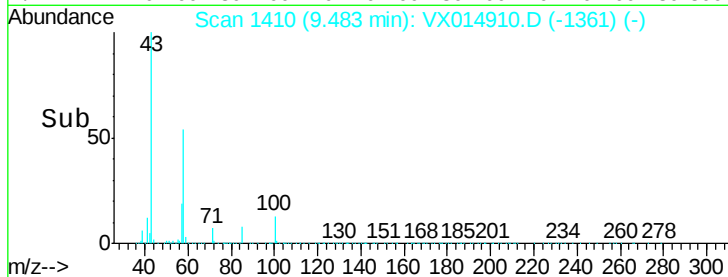
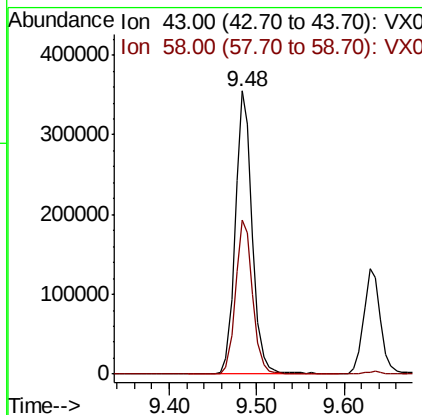
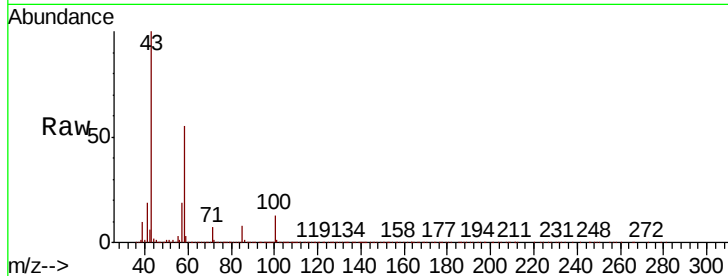
#59
2-Hexanone
Concen: 95.722 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBSD01

Tot Ion: 43 Resp: 479946
Ion Ratio Lower Upper
43 100
58 55.4 27.5 82.5

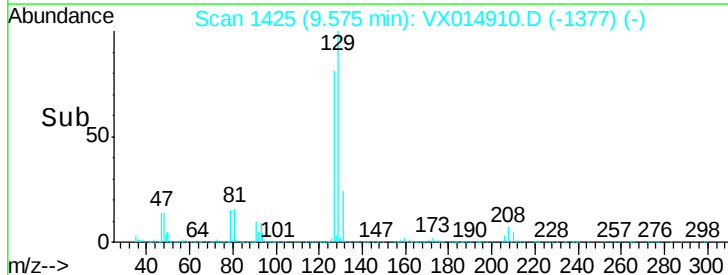
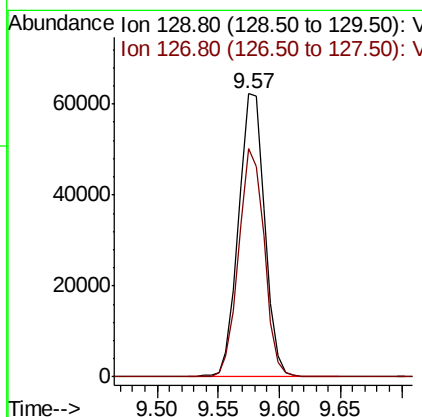
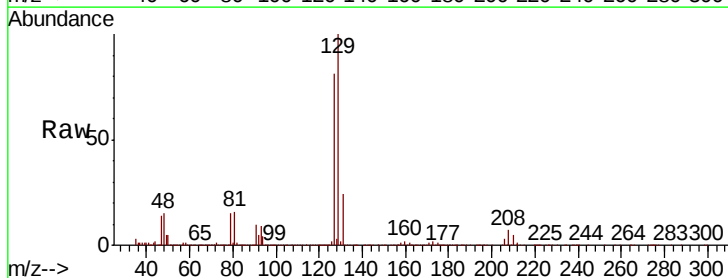
Manual Integrations
APPROVED

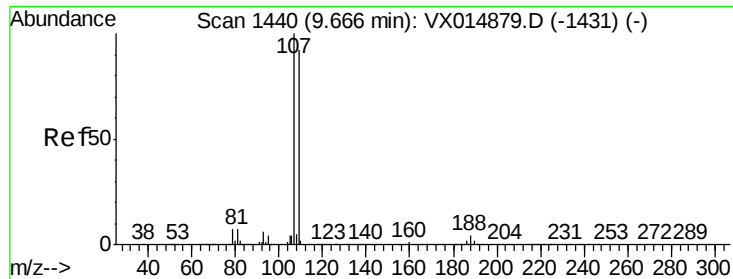
MMDadoda
2/12/2020 3:04:31 PM



#60
Dibromochloromethane
Concen: 18.139 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

Tgt Ion: 129 Resp: 92021
Ion Ratio Lower Upper
129 100
127 78.6 37.8 113.3





#61

1,2-Dibromoethane

Concen: 19.160 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014910.D

Acq: 11 Feb 2020 12:46

Instrument :

MSVOA_X

ClientSampleId :

VX0211WBSD01

Tot Ion: 107 Resp: 97457

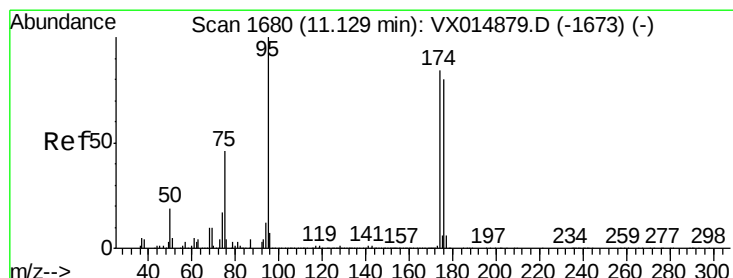
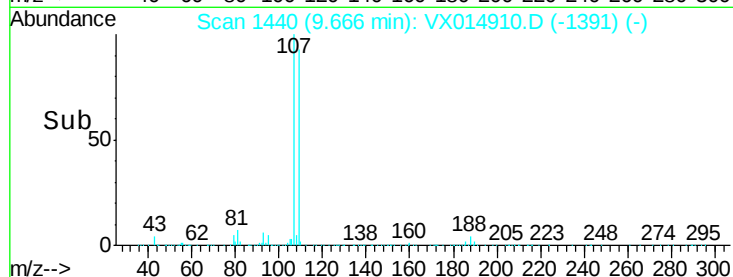
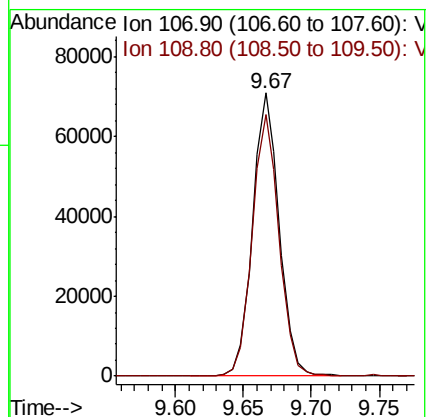
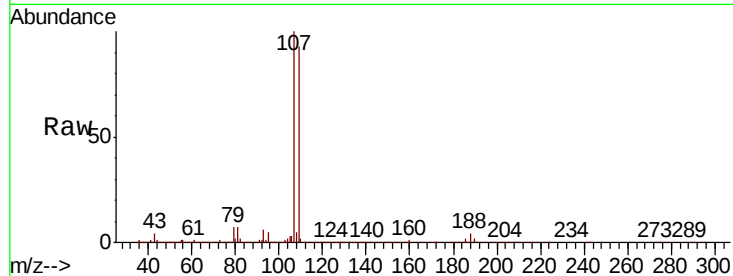
Ion Ratio Lower Upper

107 100

109 93.7 75.6 113.4

Manual Integrations
APPROVED

MMDadoda
2/12/2020 3:04:31 PM



#62

4-Bromofluorobenzene

Concen: 48.796 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014910.D

Acq: 11 Feb 2020 12:46

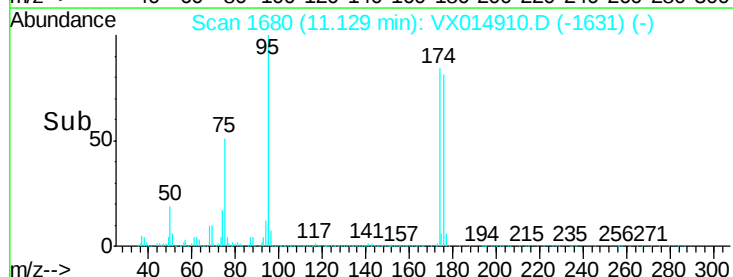
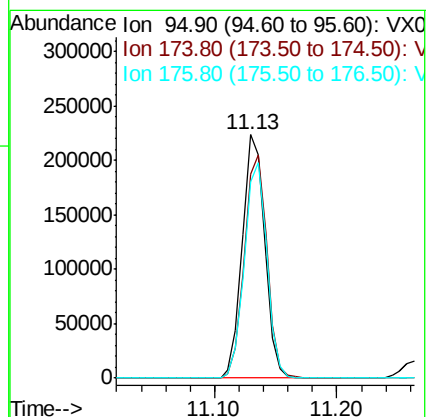
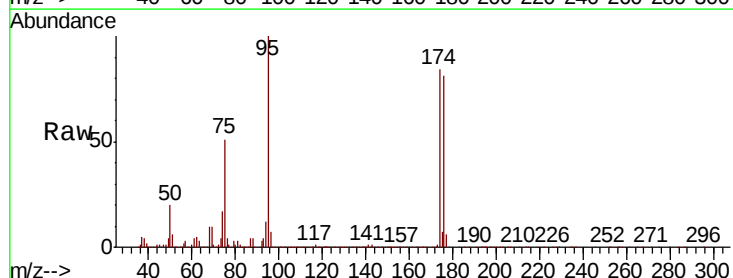
Tgt Ion: 95 Resp: 283135

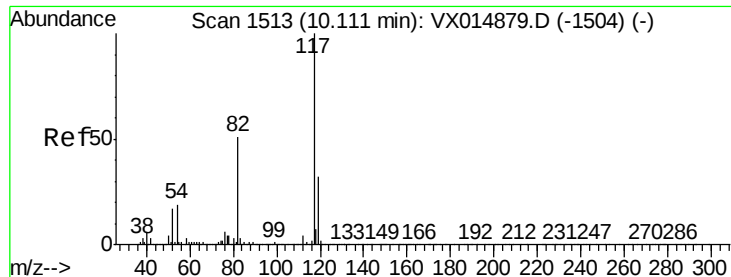
Ion Ratio Lower Upper

95 100

174 92.5 0.0 183.0

176 89.4 0.0 178.0





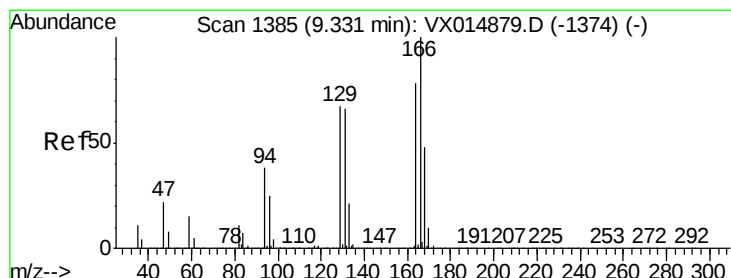
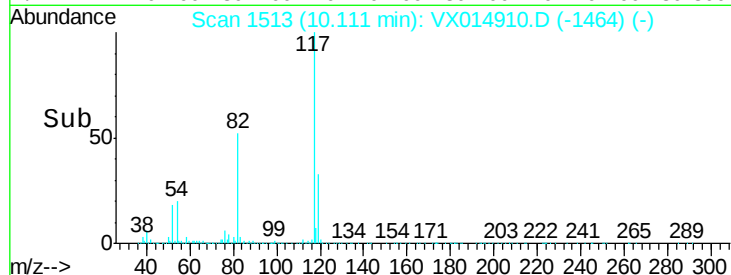
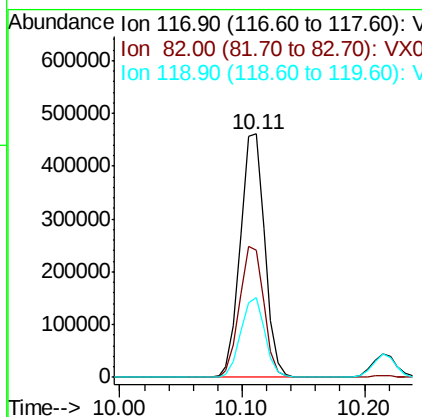
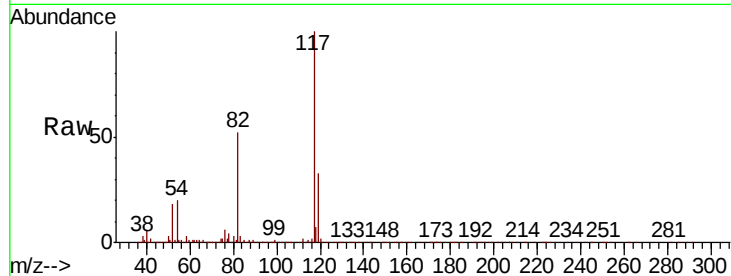
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.4	40.5	60.7
119	32.5	25.8	38.6

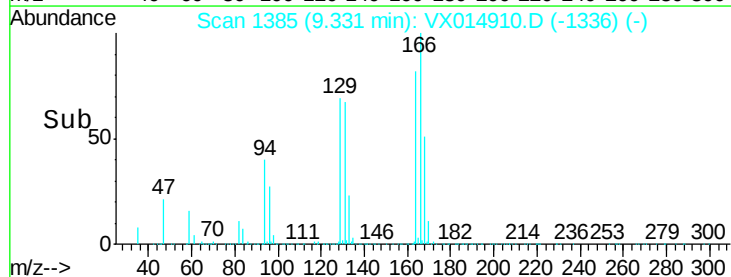
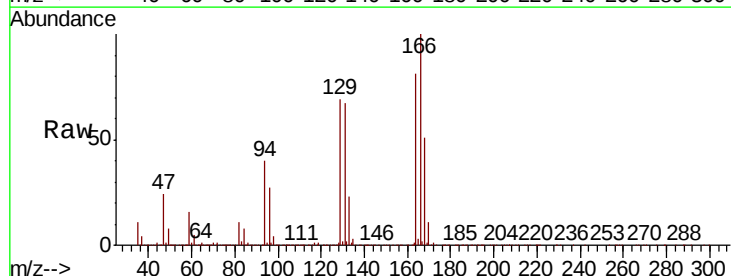
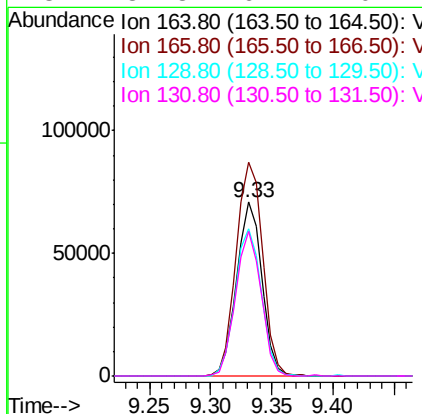
Manual Integrations
APPROVED

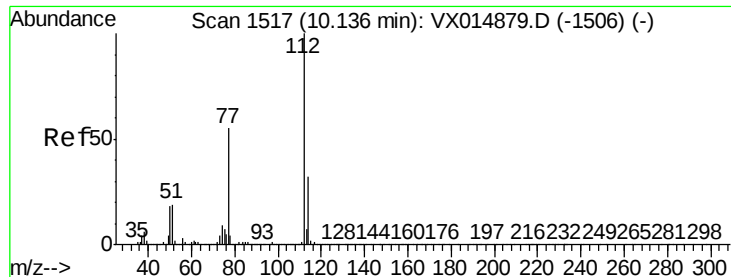
MMDadoda
2/12/2020 3:04:31 PM



#64
Tetrachloroethene
Concen: 17.018 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.9	102.6	153.8
129	84.7	68.3	102.5
131	82.8	67.4	101.2





#65

Chlorobenzene

Concen: 18.546 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014910.D

Acq: 11 Feb 2020 12:46

Instrument :

MSVOA_X

ClientSampleId :

VX0211WBSD01

Tot Ion:112 Resp: 239135

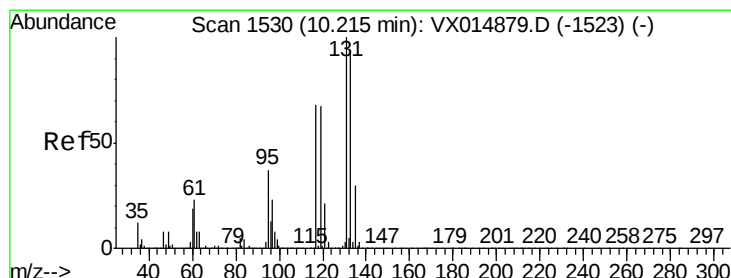
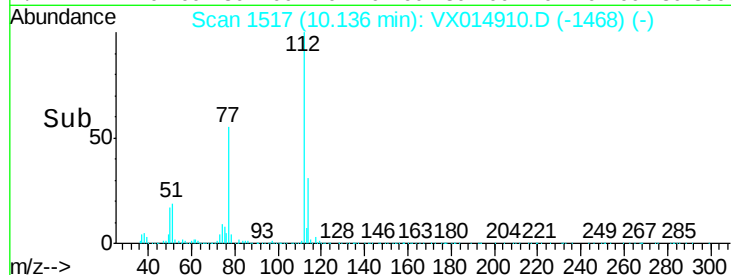
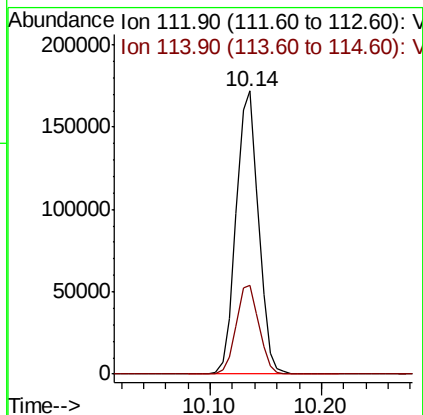
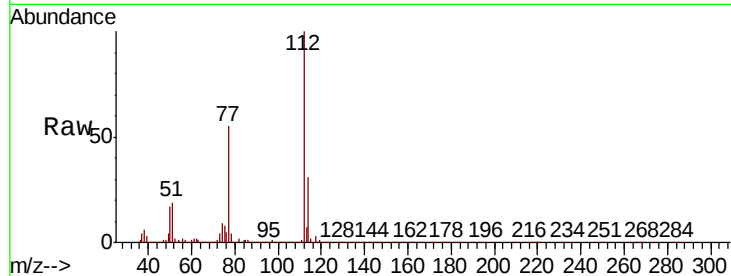
Ion Ratio Lower Upper

112 100

114 31.3 25.6 38.4

Manual Integrations
APPROVED

MMDadoda
2/12/2020 3:04:31 PM



#66

1,1,1,2-Tetrachloroethane

Concen: 18.968 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014910.D

Acq: 11 Feb 2020 12:46

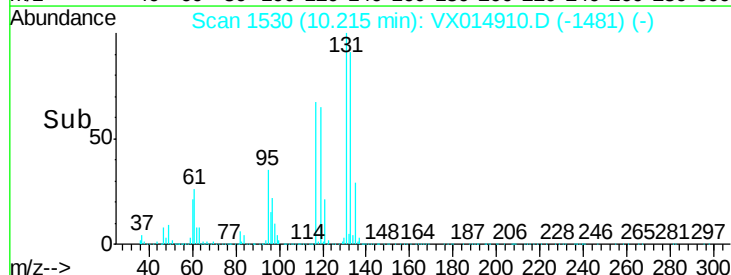
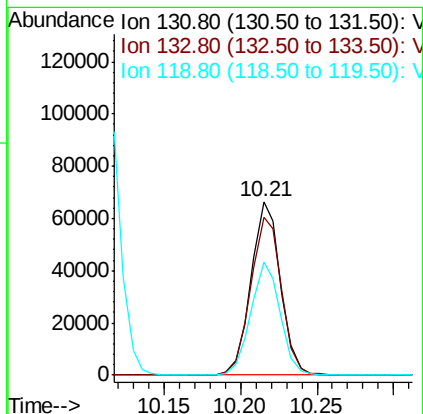
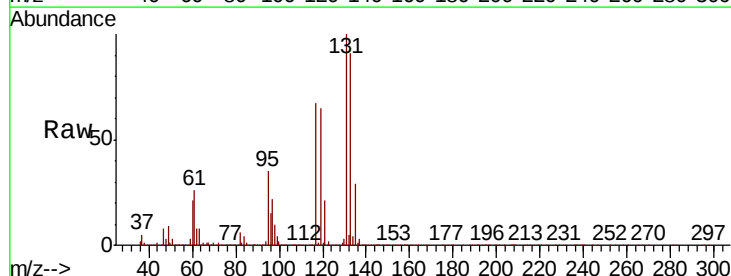
Tgt Ion:131 Resp: 88792

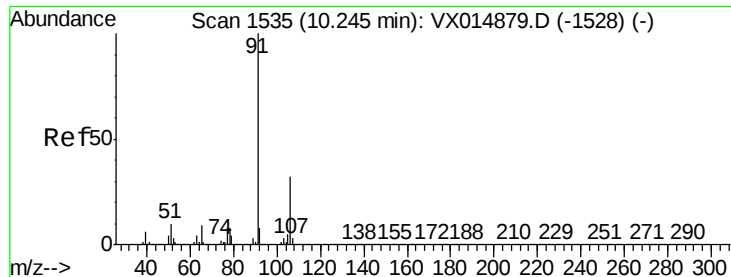
Ion Ratio Lower Upper

131 100

133 94.6 48.1 144.4

119 64.8 33.0 99.0





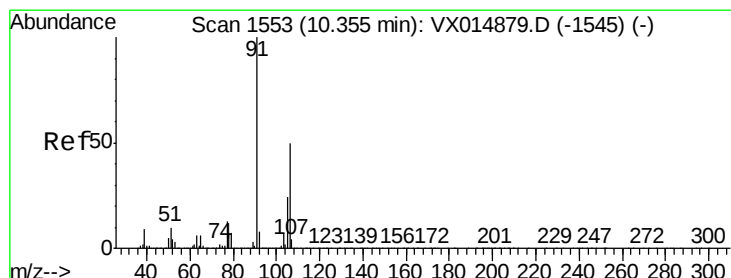
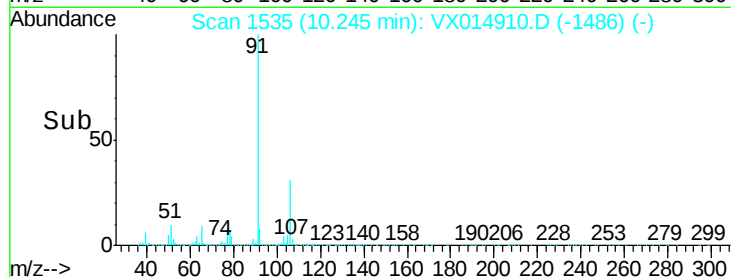
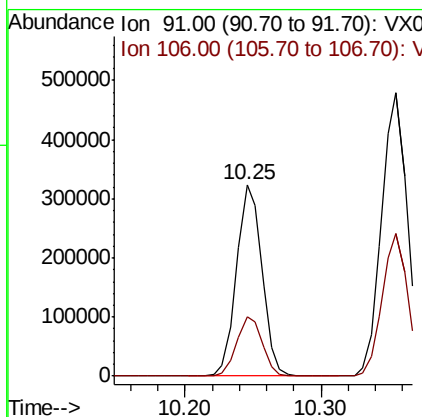
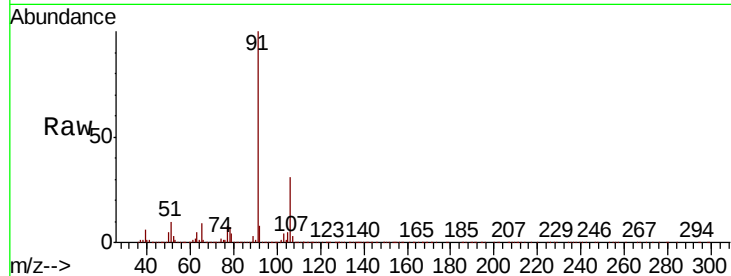
#67
Ethyl Benzene
Concen: 19.235 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBSD01

Tot Ion: 91 Resp: 421822
Ion Ratio Lower Upper
91 100
106 31.3 25.3 37.9

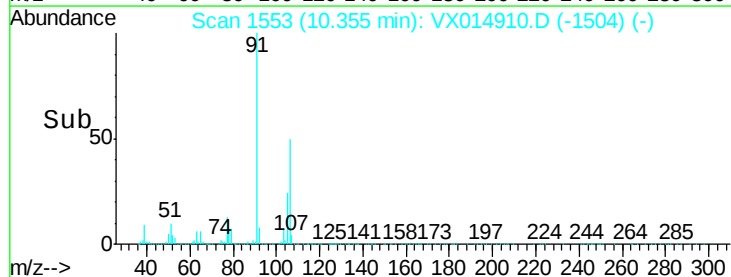
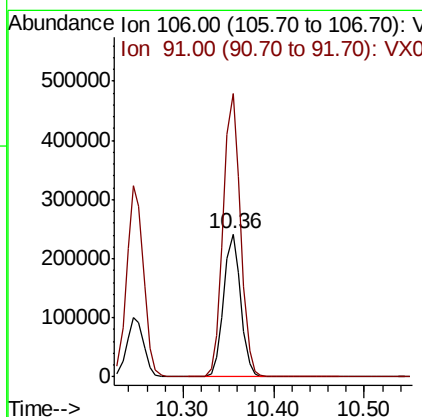
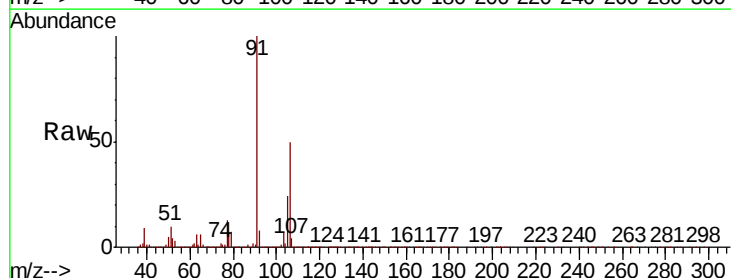
Manual Integrations
APPROVED

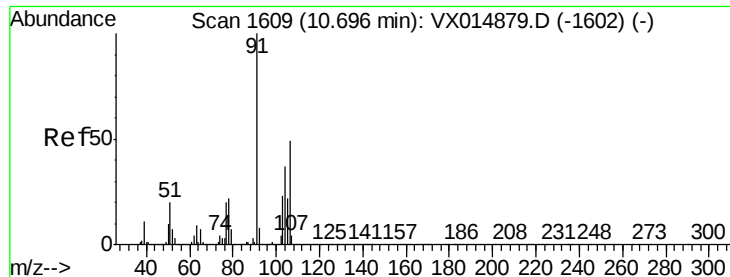
MMDadoda
2/12/2020 3:04:31 PM



#68
m/p-Xylenes
Concen: 37.579 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

Tgt Ion: 106 Resp: 317463
Ion Ratio Lower Upper
106 100
91 201.3 160.6 240.8





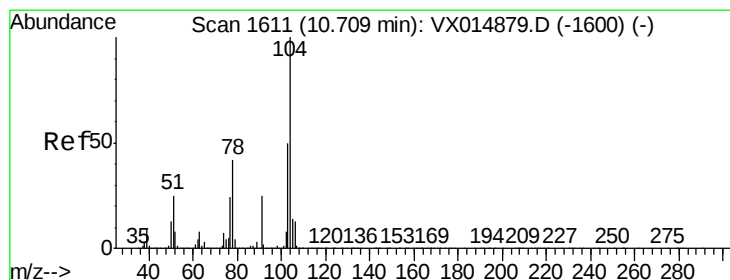
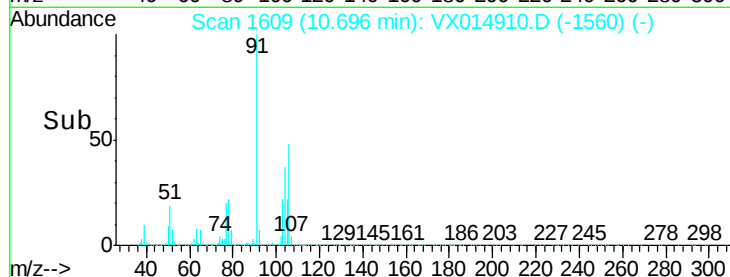
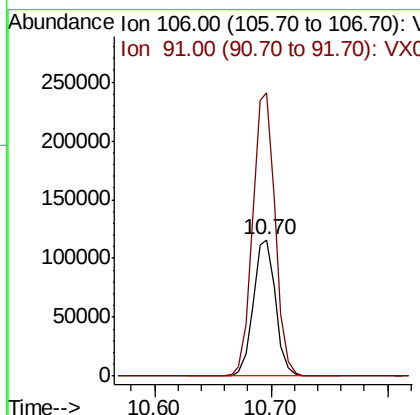
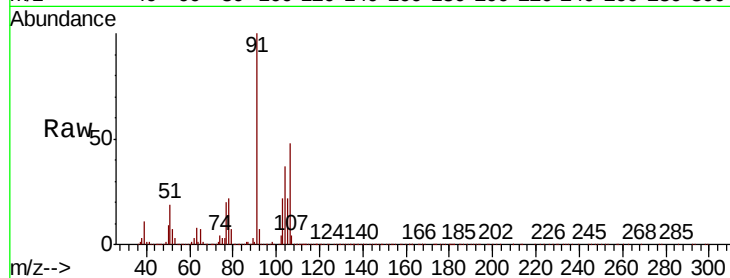
#69
o-Xylene
Concen: 18.868 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBSD01

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.3	105.1	315.3

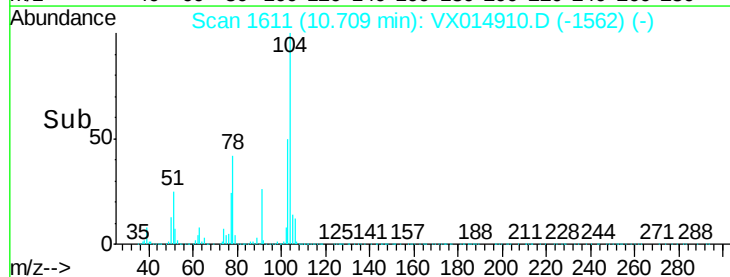
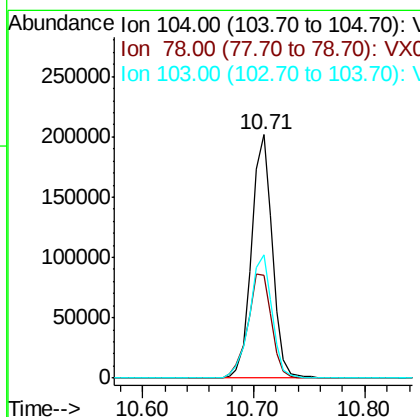
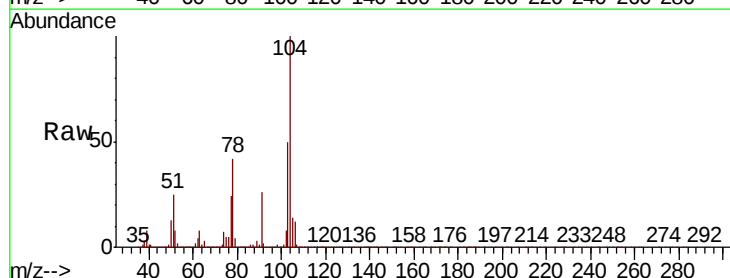
Manual Integrations
APPROVED

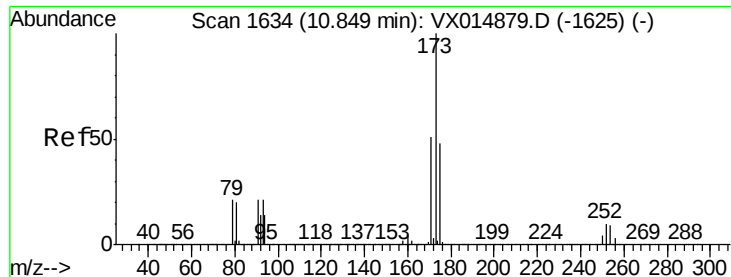
MMDadoda
2/12/2020 3:04:31 PM



#70
Styrene
Concen: 19.051 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.5	39.0	58.4
103	54.6	43.4	65.0





#71

Bromoform

Concen: 18.238 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VX014910.D

Acq: 11 Feb 2020 12:46

Instrument :

MSVOA_X

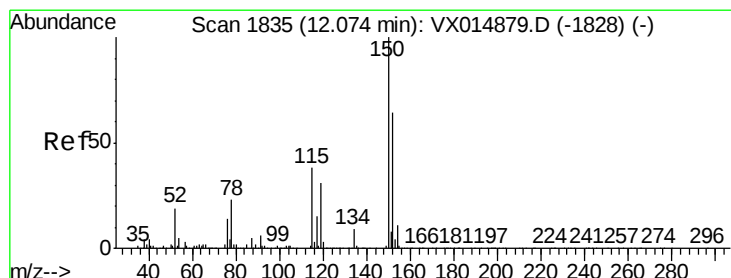
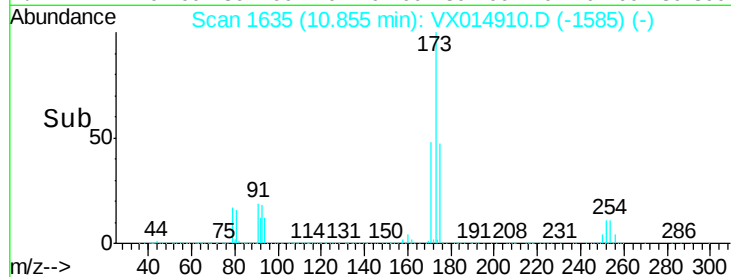
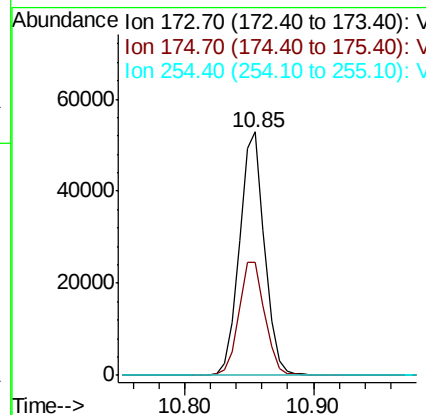
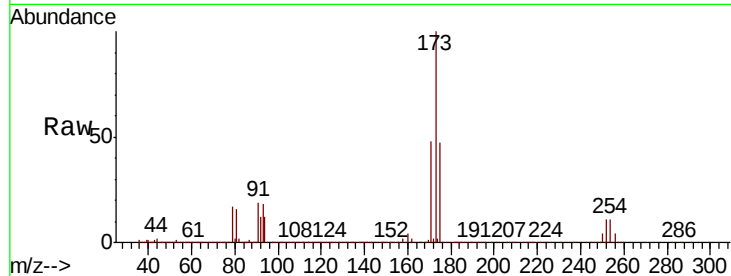
ClientSampleId :

VX0211WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.2	72.6
254	0.3	0.2	0.2

Manual Integrations
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2/12/2020 3:04:31 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

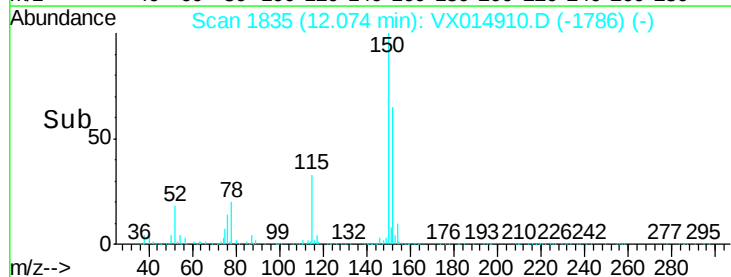
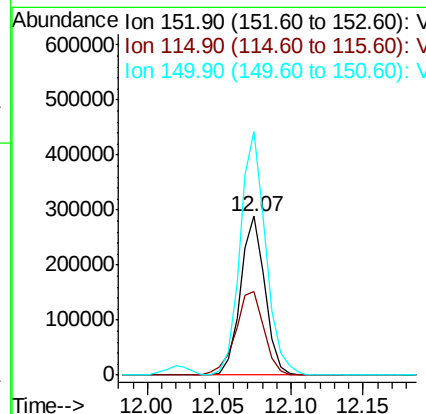
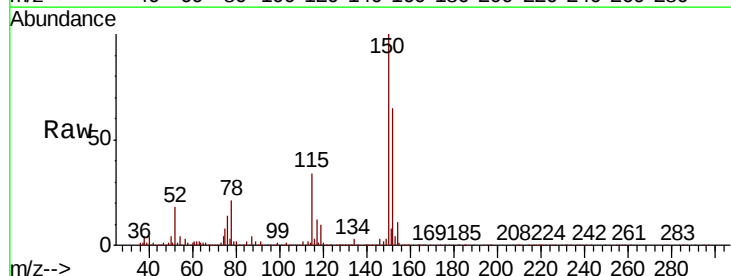
RT: 12.07 min Scan# 1835

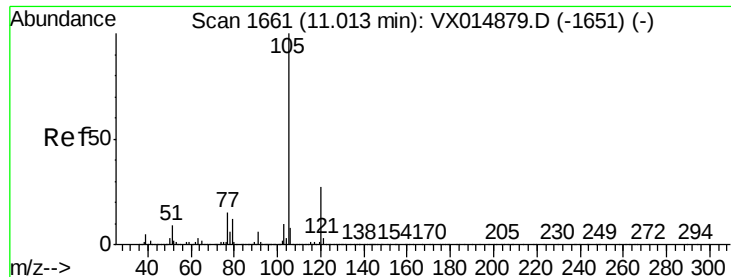
Delta R.T. 0.00 min

Lab File: VX014910.D

Acq: 11 Feb 2020 12:46

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.8	38.6	116.0
150	161.3	0.0	349.0





#73

Isopropylbenzene

Concen: 19.326 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014910.D

Acq: 11 Feb 2020 12:46

Instrument :

MSVOA_X

ClientSampleId :

VX0211WBSD01

Tot Ion:105 Resp: 412262

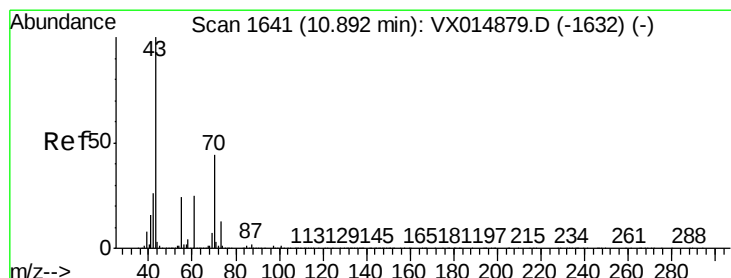
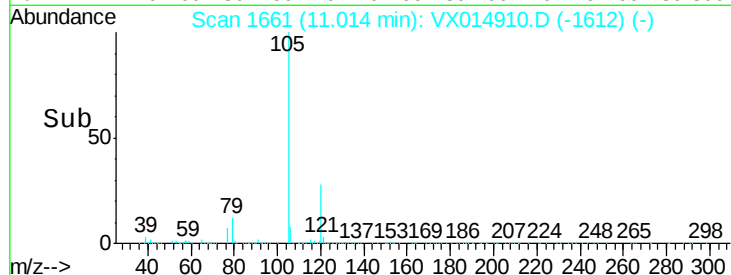
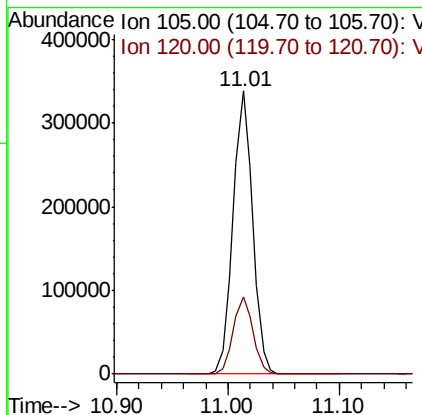
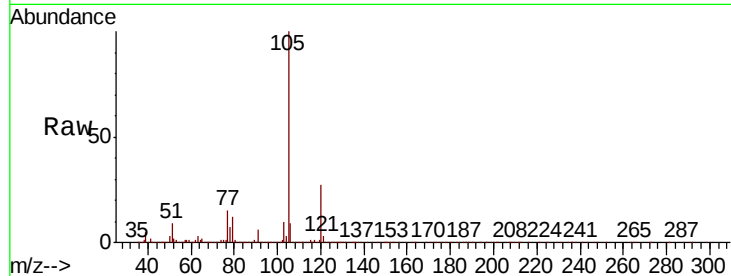
Ion Ratio Lower Upper

105 100

120 27.5 13.6 40.8

Manual Integrations
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2/12/2020 3:04:31 PM



#74

N-ethyl acetate

Concen: 19.105 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014910.D

Acq: 11 Feb 2020 12:46

Tgt Ion: 43 Resp: 169339

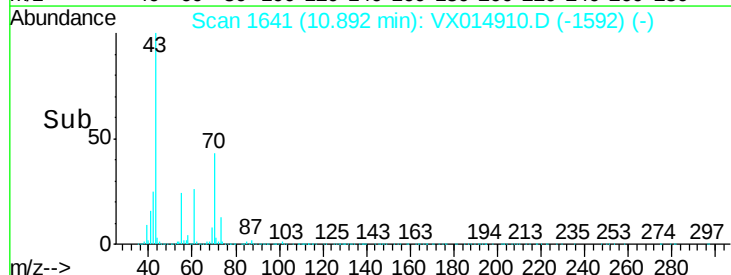
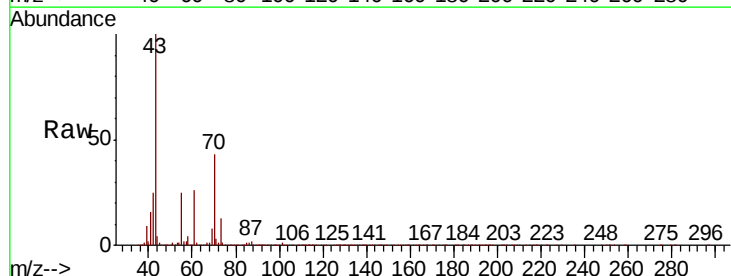
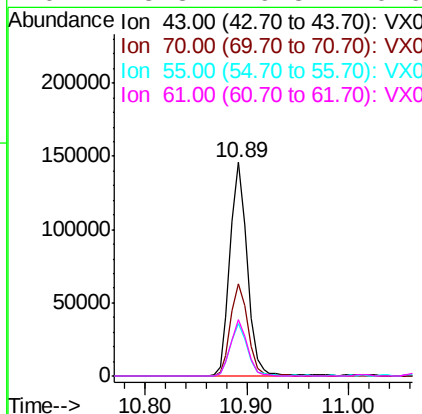
Ion Ratio Lower Upper

43 100

70 44.0 35.0 52.4

55 24.1 19.4 29.2

61 25.3 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.953 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014910.D

Acq: 11 Feb 2020 12:46

Instrument :

MSVOA_X

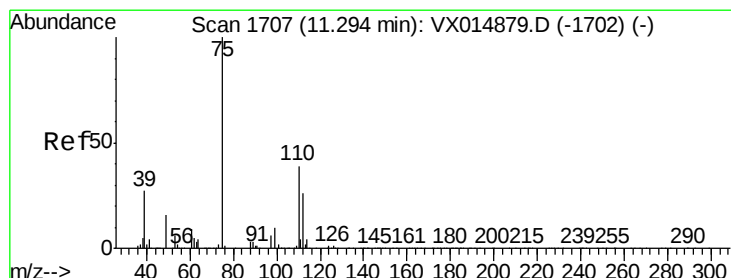
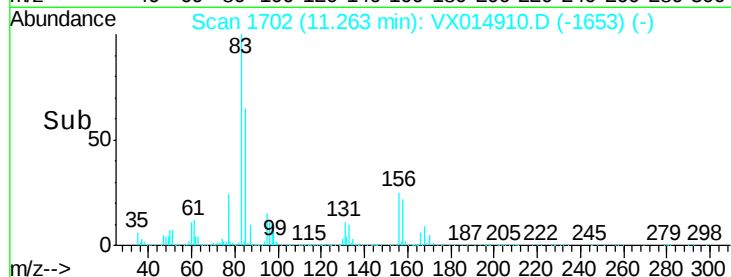
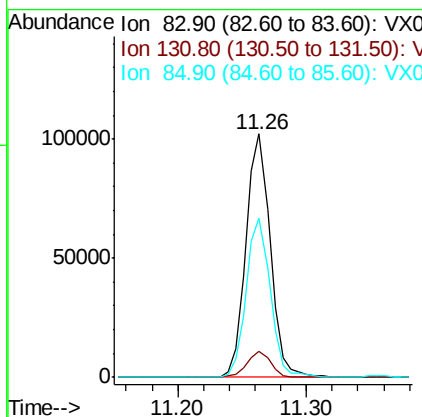
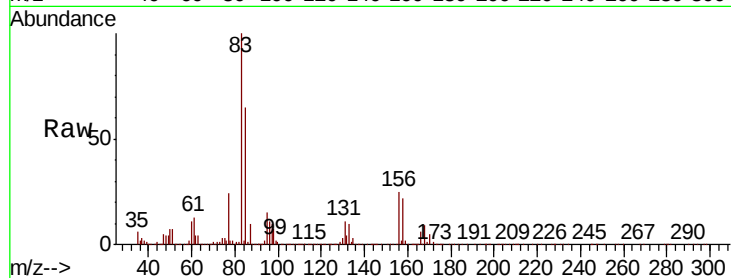
ClientSampled :

VX0211WBSD01

Tot Ion:	83	Resp:	132166
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.3	16.1
85	64.5	32.6	97.7

Manual Integrations
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2/12/2020 3:04:31 PM



#76

1,2,3-Trichloropropane

Concen: 18.479 ug/l m

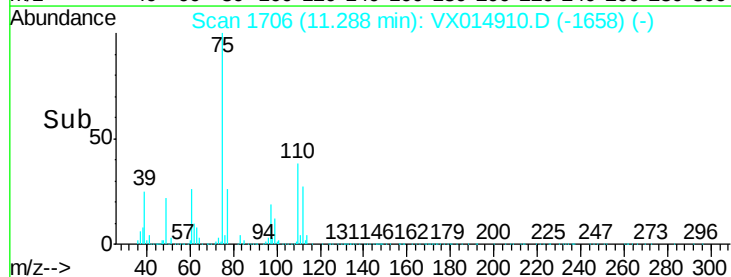
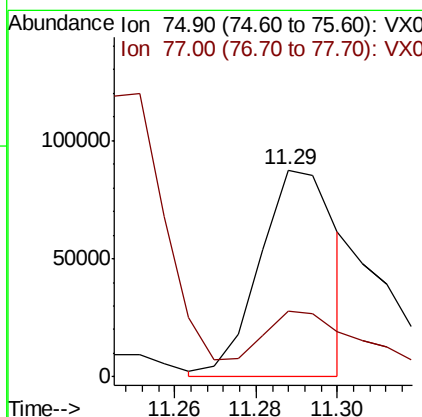
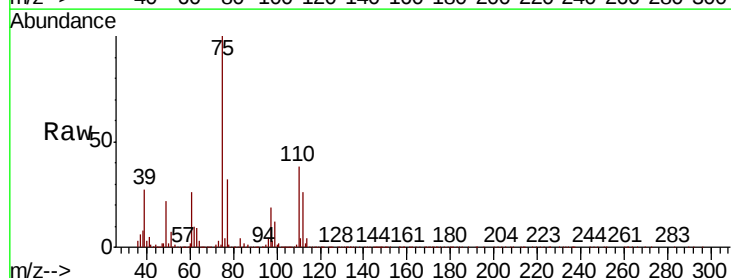
RT: 11.29 min Scan# 1706

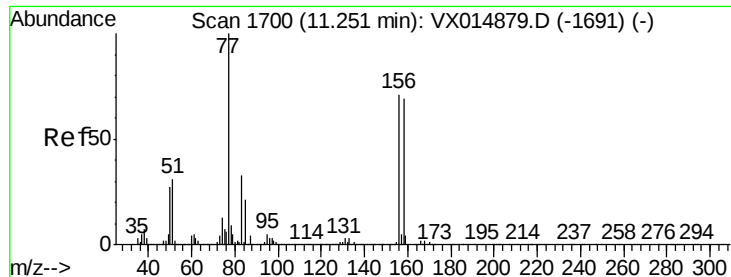
Delta R.T. -0.01 min

Lab File: VX014910.D

Acq: 11 Feb 2020 12:46

Tgt Ion:	75	Resp:	113670
Ion Ratio	Lower	Upper	
75	100		
77	41.2	18.4	55.0





#77

Bromobenzene

Concen: 19.022 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014910.D

Acq: 11 Feb 2020 12:46

Instrument :

MSVOA_X

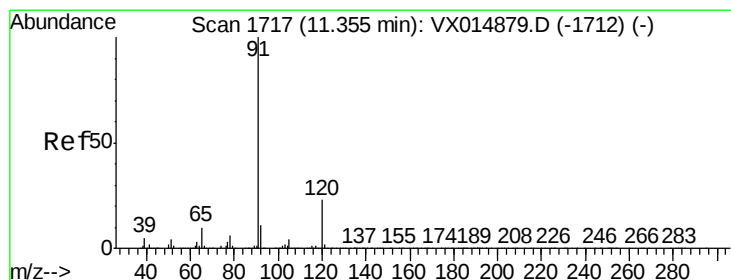
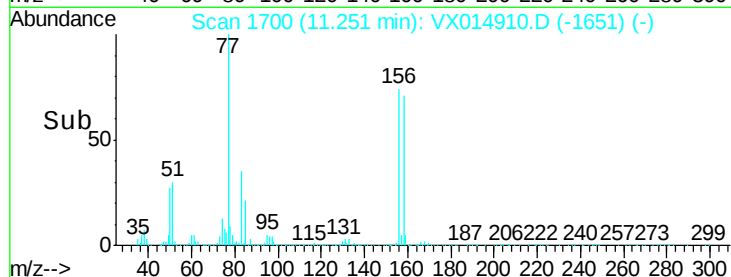
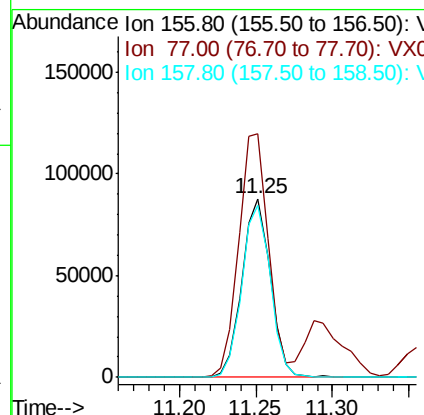
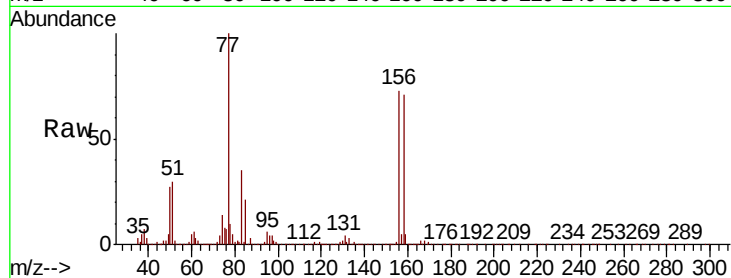
ClientSampleId :

VX0211WBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	141.5	74.0	222.0
158	97.0	48.9	146.6

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#78

n-propylbenzene

Concen: 18.865 ug/l

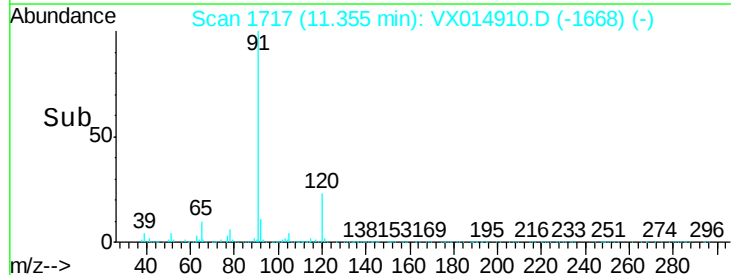
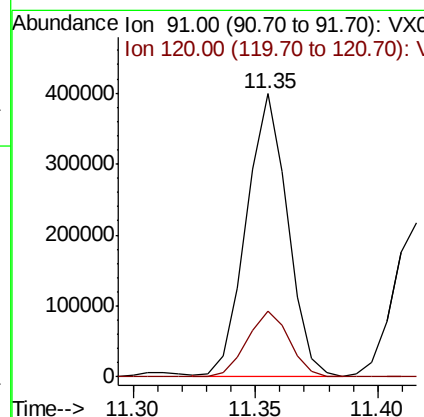
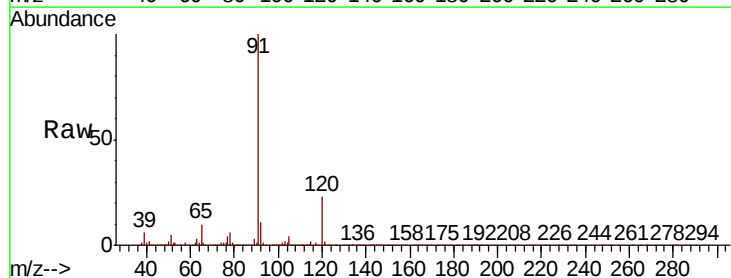
RT: 11.35 min Scan# 1717

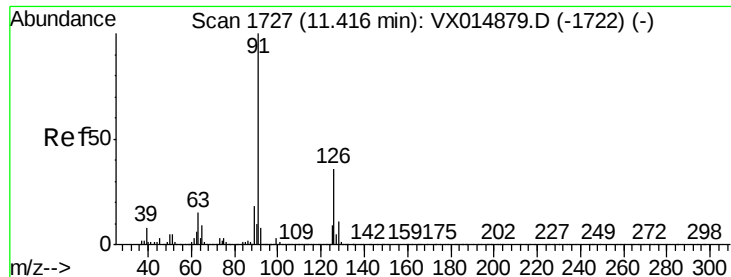
Delta R.T. 0.00 min

Lab File: VX014910.D

Acq: 11 Feb 2020 12:46

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.0	11.8	35.4





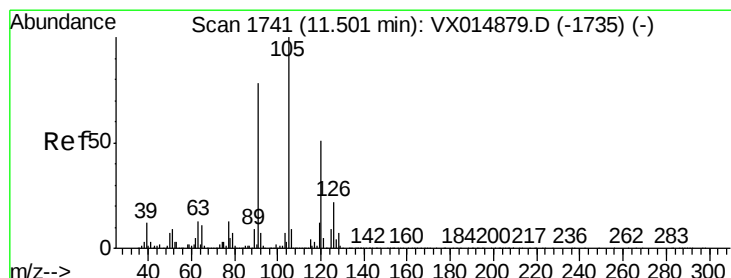
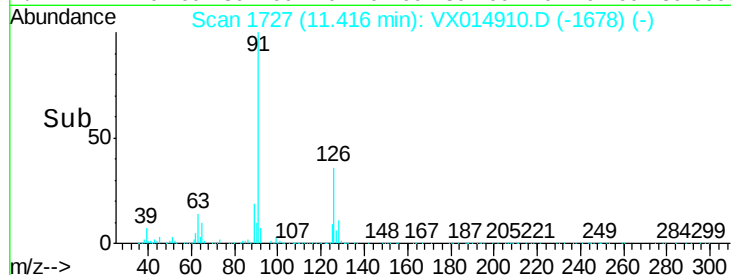
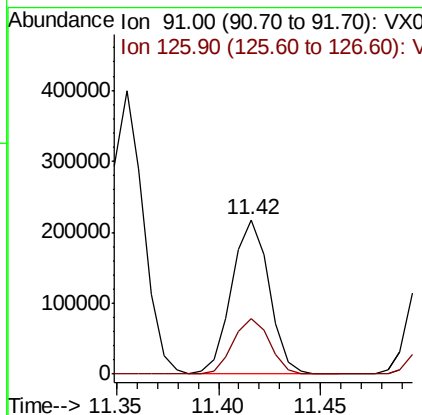
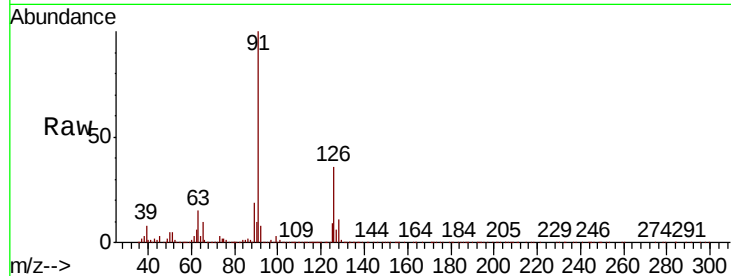
#79
2-Chlorotoluene
Concen: 18.879 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBSD01

Tot Ion: 91 Resp: 273837
Ion Ratio Lower Upper
91 100
126 35.6 18.0 54.0

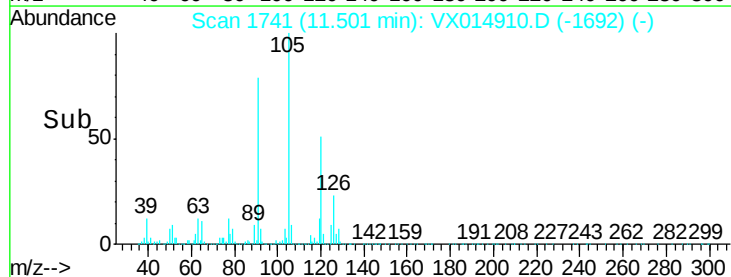
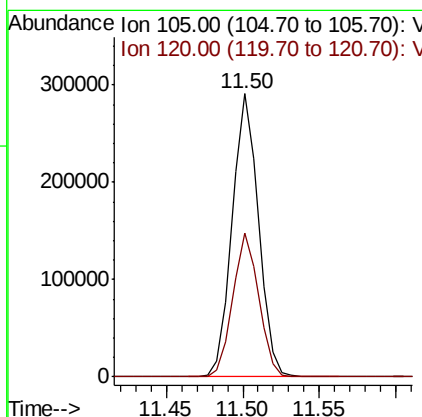
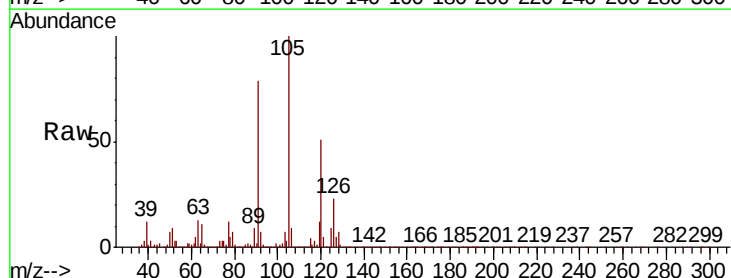
Manual Integrations
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#80
1,3,5-Trimethylbenzene
Concen: 19.362 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

Tgt Ion: 105 Resp: 345124
Ion Ratio Lower Upper
105 100
120 50.6 25.6 76.6





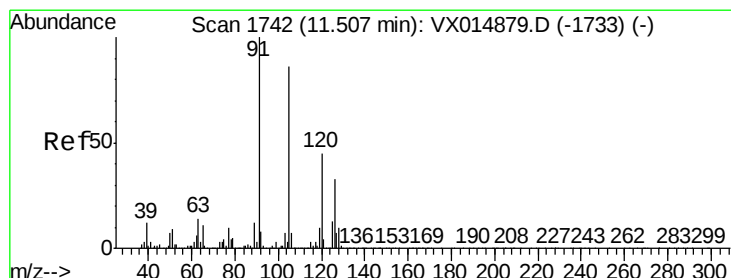
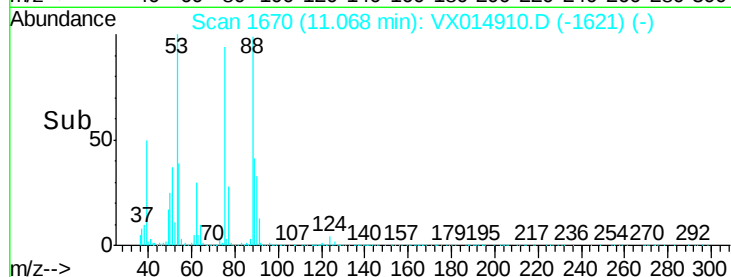
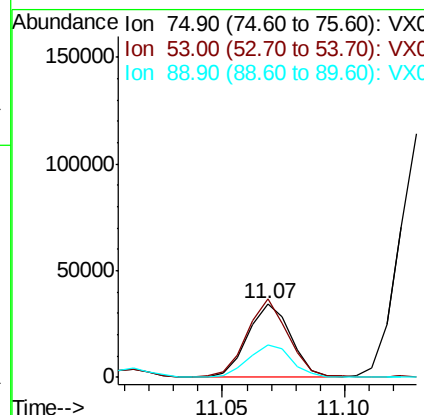
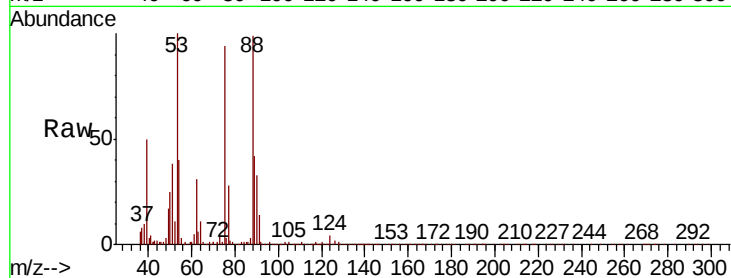
#81
trans-1,4-Dichloro-2-butene
Concen: 17.563 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	101.4	76.2	114.2
89	44.8	35.8	53.6

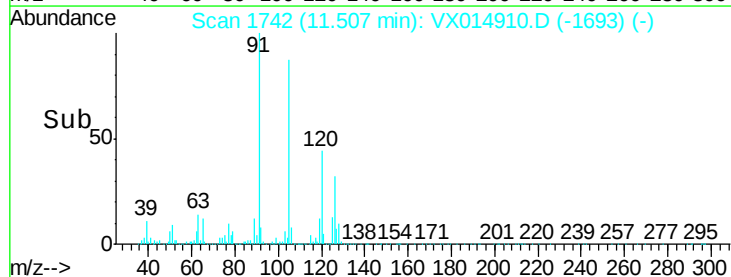
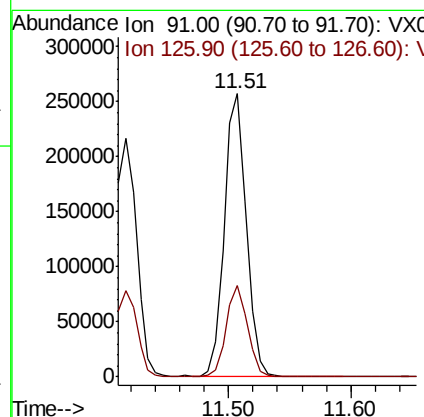
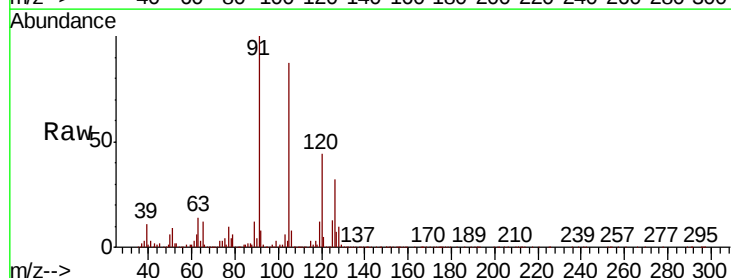
Manual Integrations
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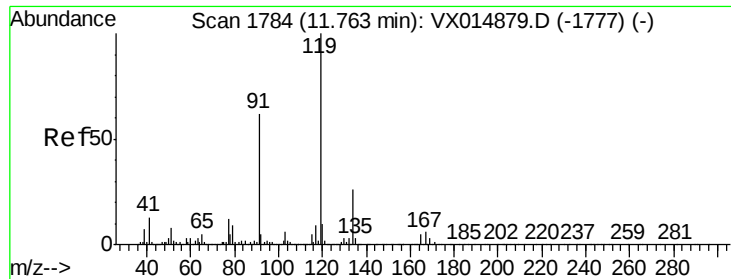
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#82
4-Chlorotoluene
Concen: 18.730 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.7	47.0





#83

tert-Butylbenzene

Concen: 20.037 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014910.D

Acq: 11 Feb 2020 12:46

Instrument :

MSVOA_X

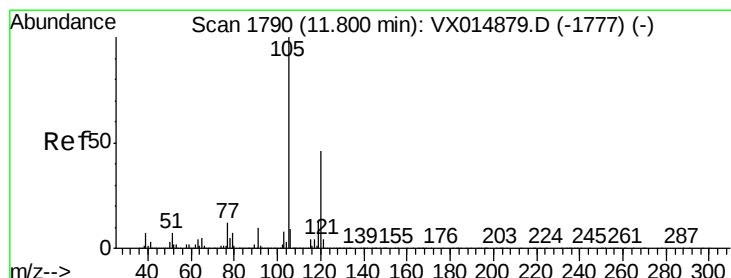
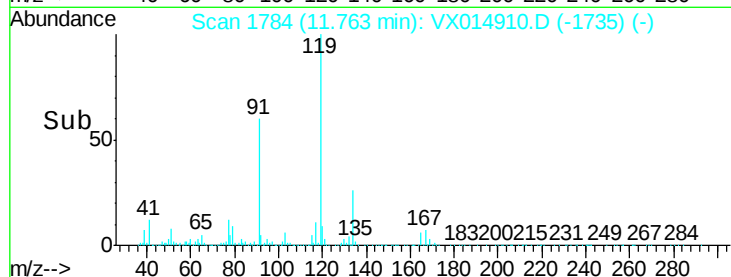
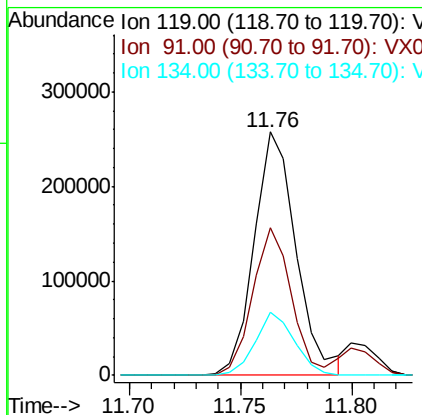
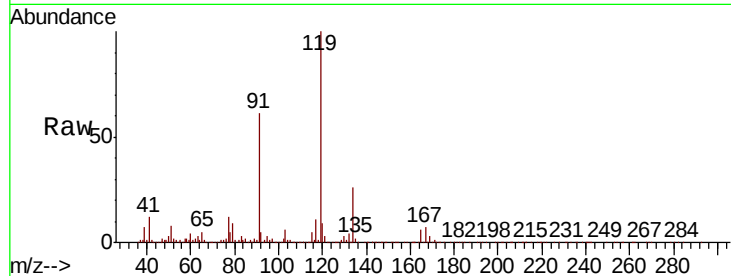
ClientSampleId :

VX0211WBSD01

Tot Ion:	119	Resp:	338203
Ion Ratio	Lower	Upper	
119	100		
91	55.8	29.5	88.6
134	24.4	12.6	37.6

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 19.497 ug/l

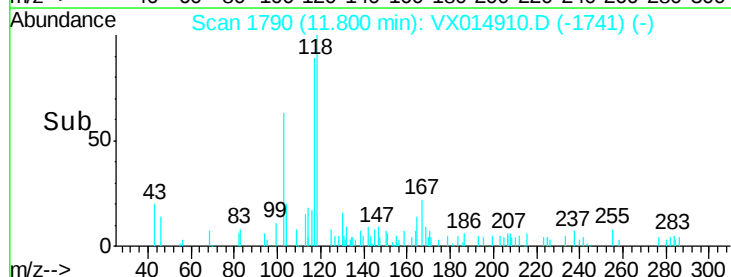
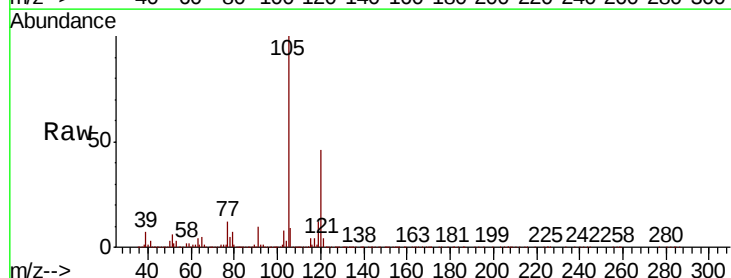
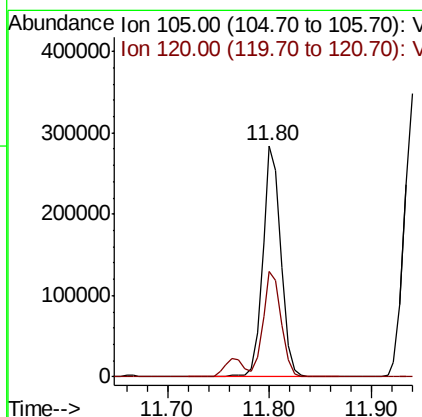
RT: 11.80 min Scan# 1790

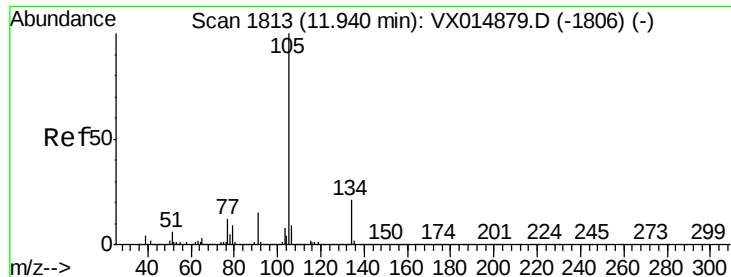
Delta R.T. 0.00 min

Lab File: VX014910.D

Acq: 11 Feb 2020 12:46

Tgt Ion:	105	Resp:	350220
Ion Ratio	Lower	Upper	
105	100		
120	45.6	23.0	69.0





#85

sec-Butylbenzene

Concen: 19.332 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014910.D

Acq: 11 Feb 2020 12:46

Instrument :

MSVOA_X

ClientSampleId :

VX0211WBSD01

Tot Ion:105 Resp: 405372

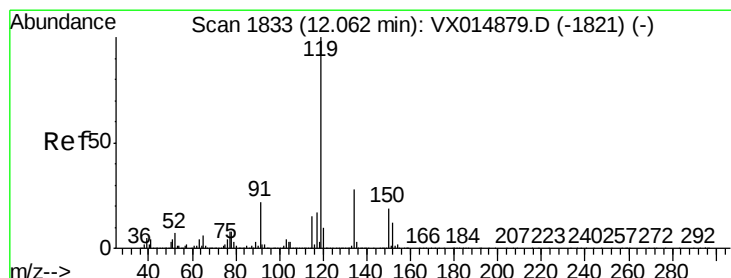
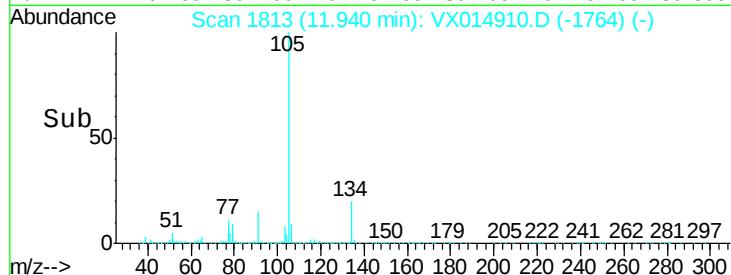
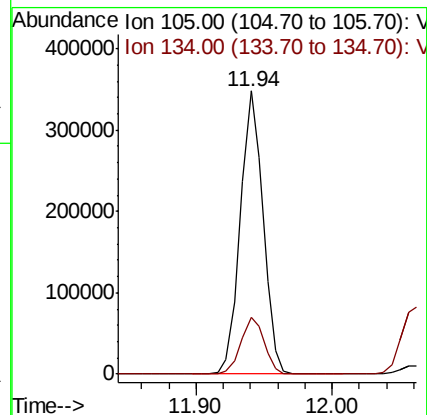
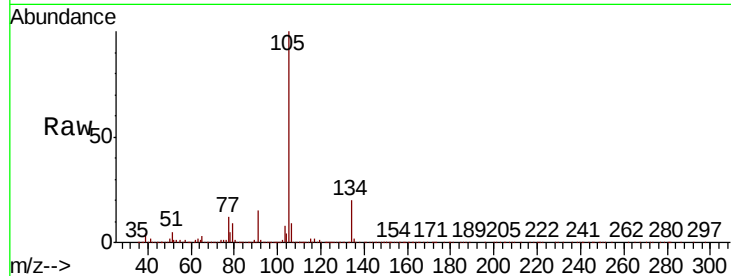
Ion Ratio Lower Upper

105 100

134 20.6 10.6 31.8

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#86

p-Isopropyltoluene

Concen: 19.020 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014910.D

Acq: 11 Feb 2020 12:46

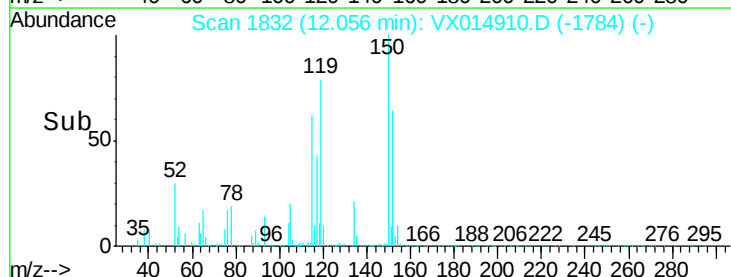
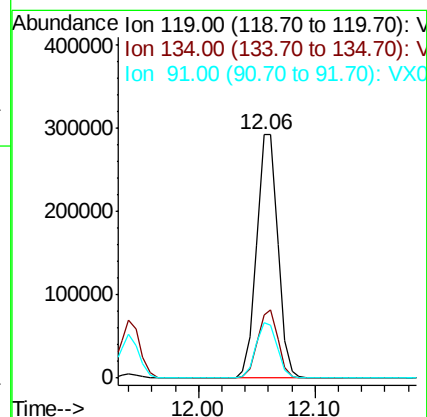
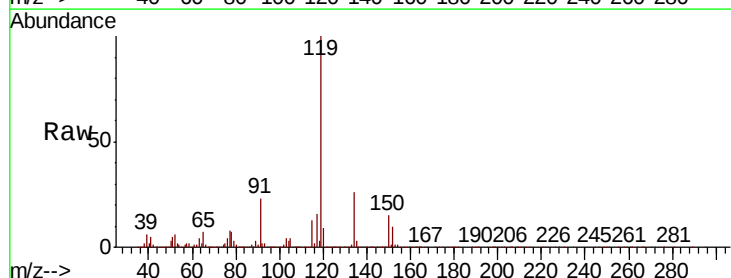
Tgt Ion:119 Resp: 373220

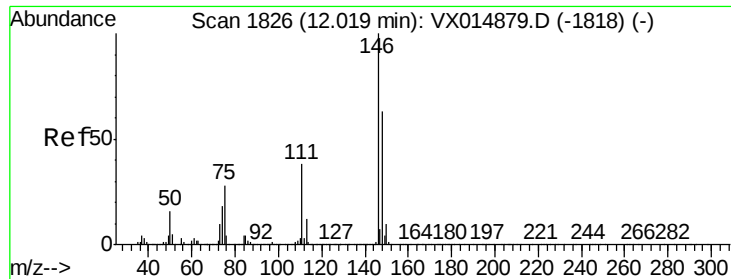
Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.5

91 22.8 11.4 34.1





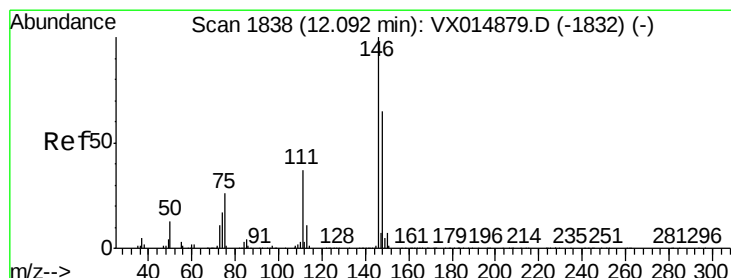
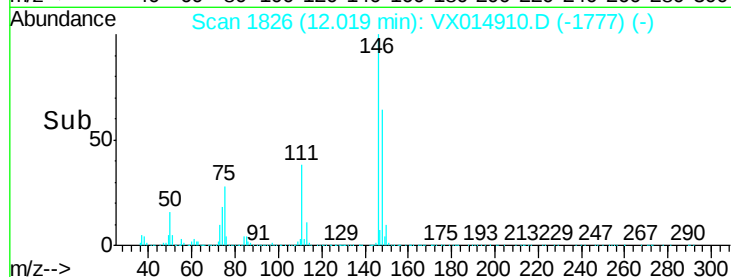
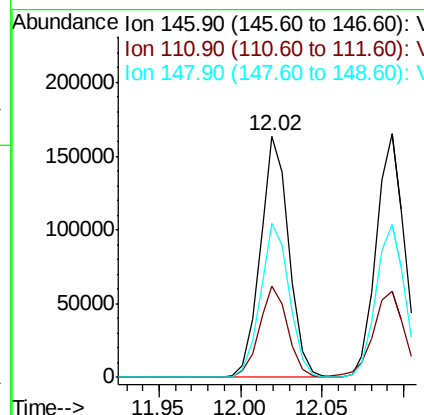
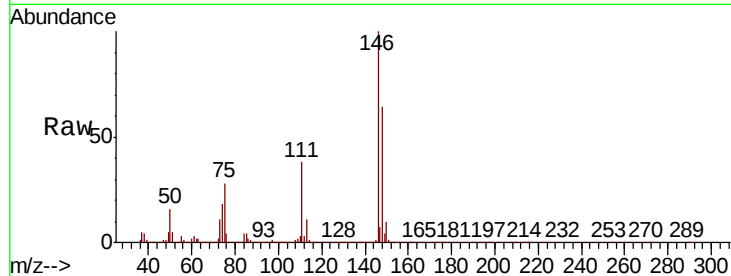
#87
 1,3-Dichlorobenzene
 Concen: 18.574 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014910.D
 Acq: 11 Feb 2020 12:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0211WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.6	56.0
148	64.1	31.8	95.4

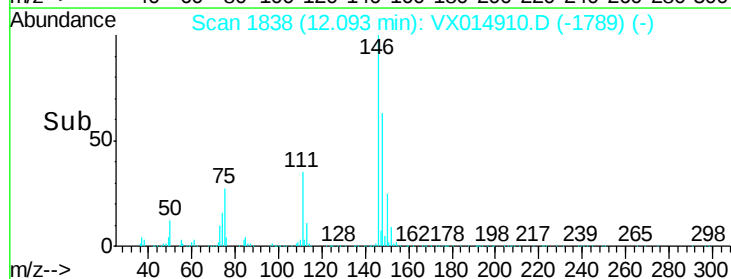
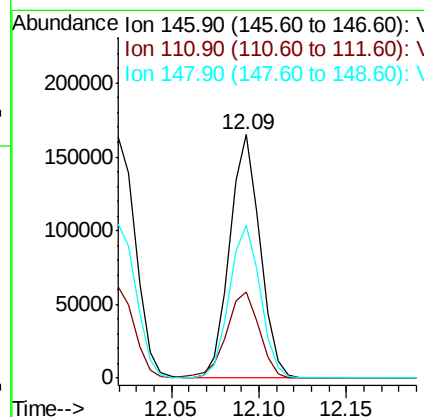
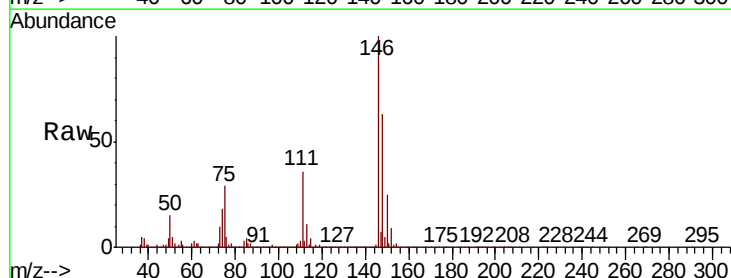
Manual Integrations
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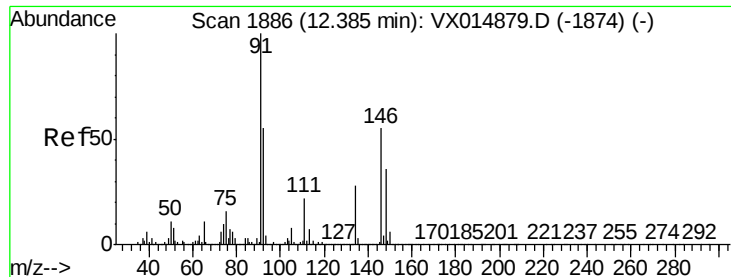
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#88
 1,4-Dichlorobenzene
 Concen: 18.212 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014910.D
 Acq: 11 Feb 2020 12:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.6	55.6
148	64.2	32.4	97.0





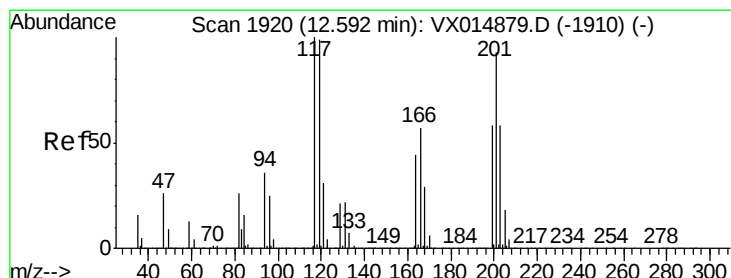
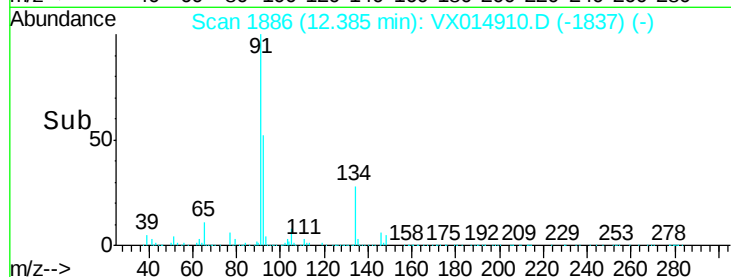
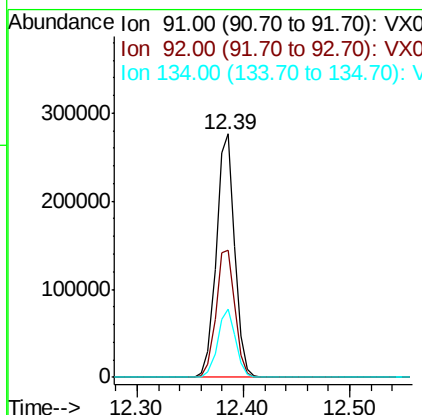
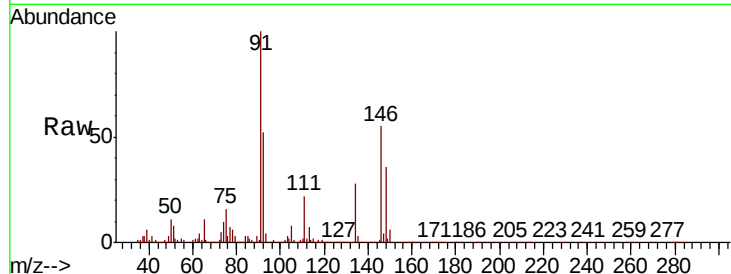
#89
n-Butylbenzene
Concen: 18.651 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.1	27.3	81.8
134	27.6	13.8	41.4

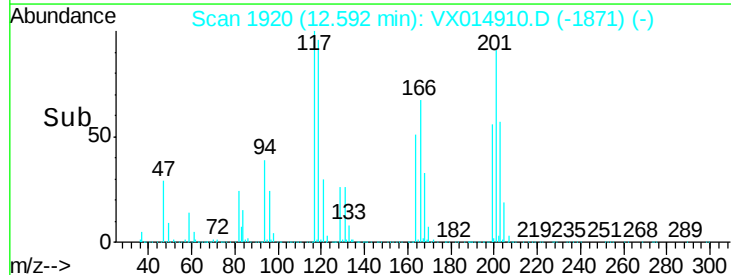
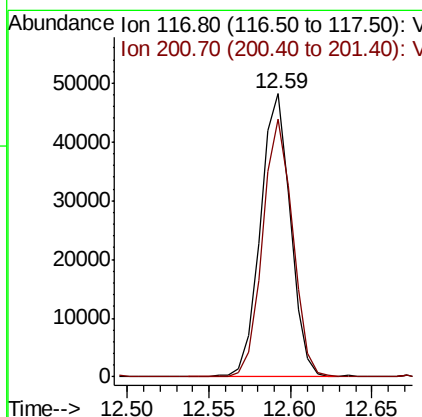
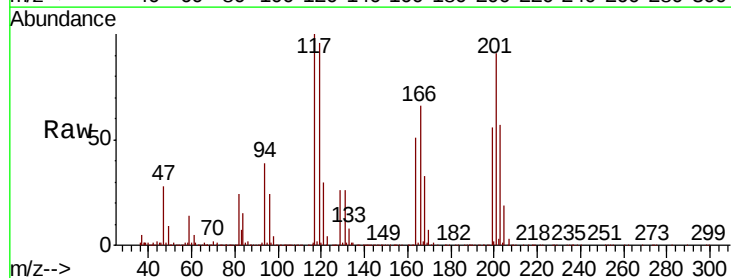
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#90
Hexachloroethane
Concen: 17.885 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

Tgt Ion	Ratio	Lower	Upper
117	100		
201	91.5	44.8	134.3





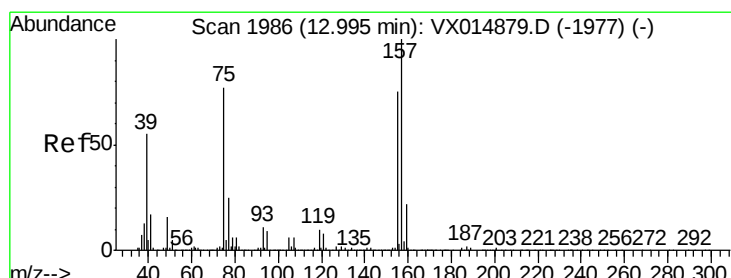
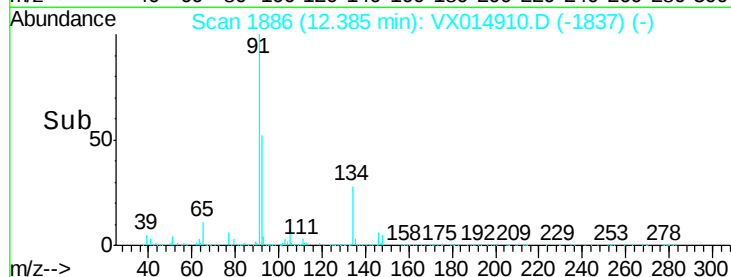
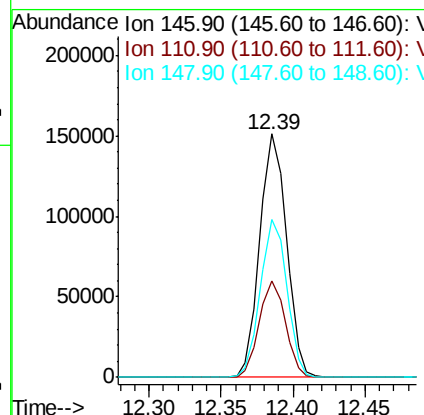
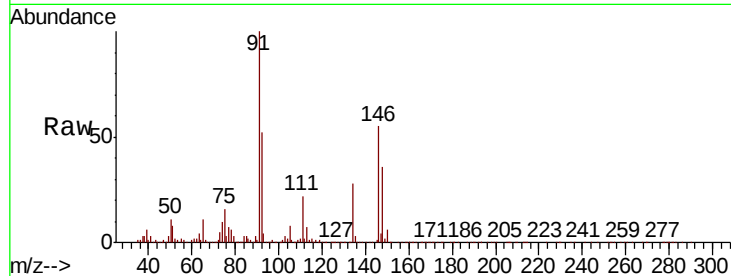
#91
 1,2-Dichlorobenzene
 Concen: 18.529 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014910.D
 Acq: 11 Feb 2020 12:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0211WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.8	59.3
148	64.4	32.4	97.2

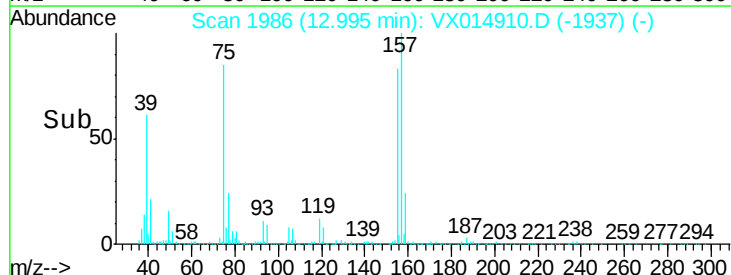
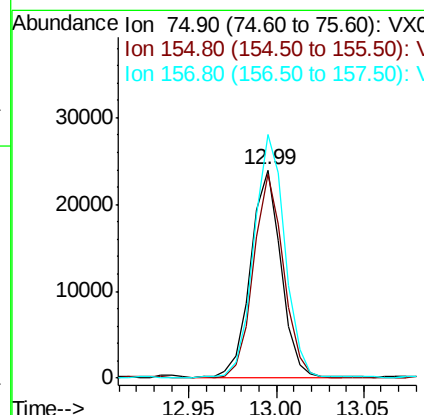
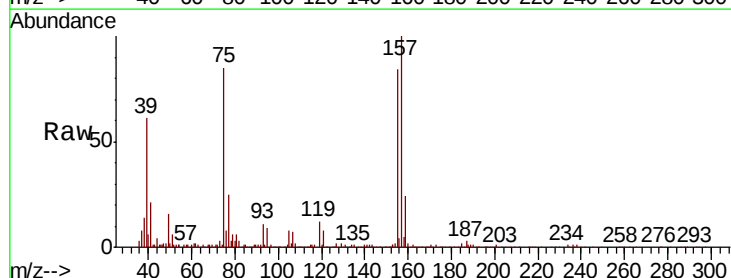
Manual Integrations
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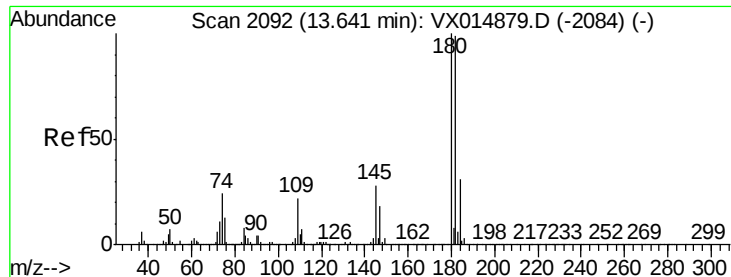
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.540 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014910.D
 Acq: 11 Feb 2020 12:46

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.3	48.6	145.9
157	121.2	62.0	186.0





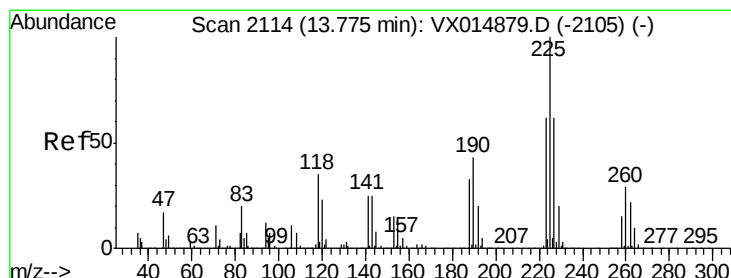
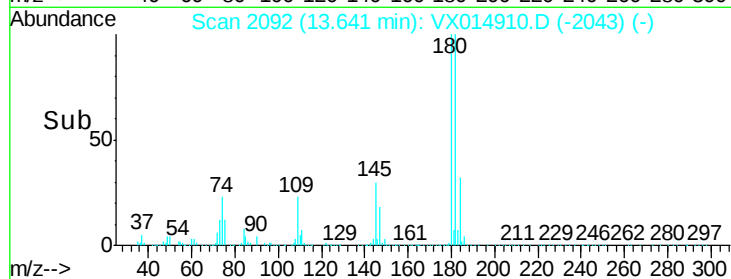
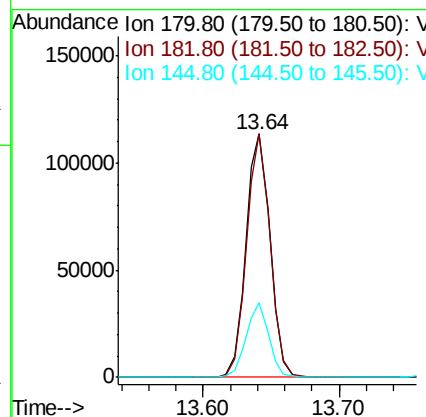
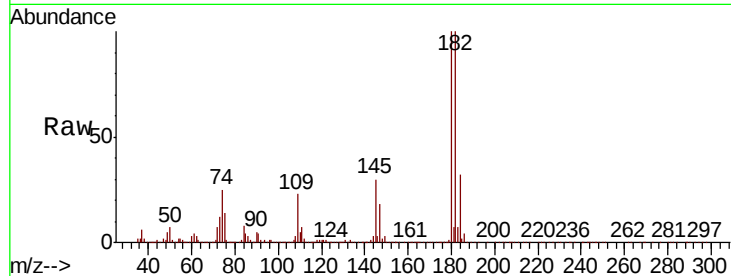
#93
1,2,4-Trichlorobenzene
Concen: 18.088 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	139849		
182	97.5	48.4	145.3	
145	28.6	14.1	42.4	

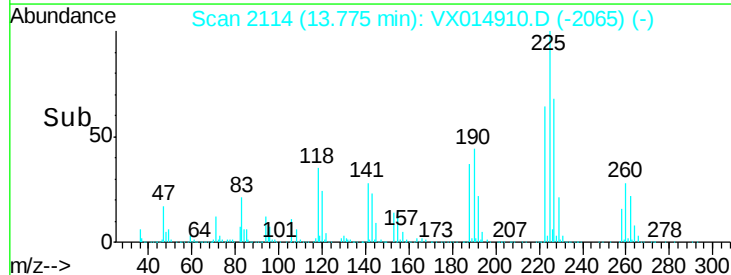
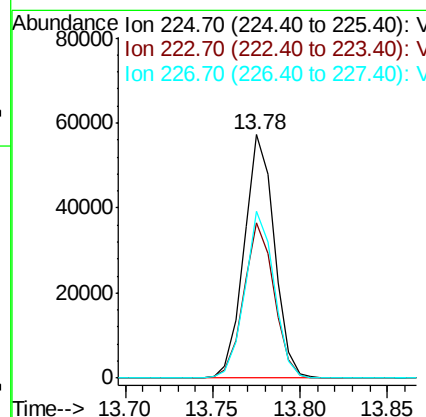
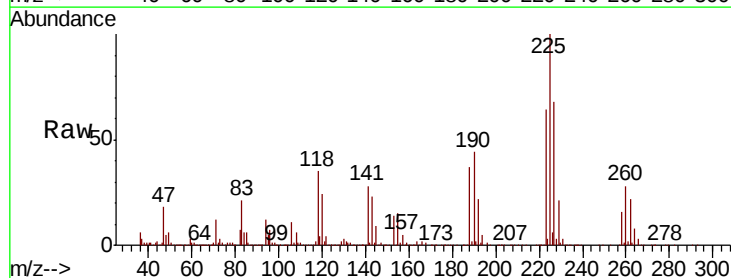
Manual Integrations
APPROVED

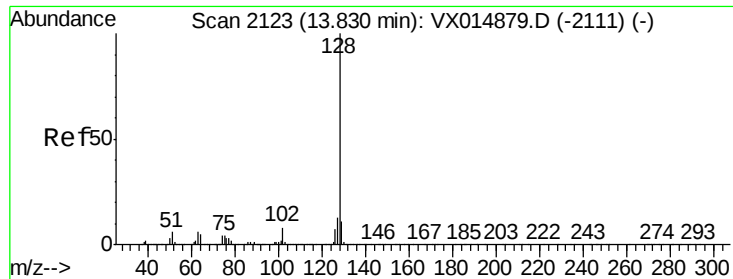
MMDadoda
2/12/2020 3:04:31 PM



#94
Hexachlorobutadiene
Concen: 18.352 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	68629		
223	64.1	31.1	93.2	
227	66.6	30.9	92.5	





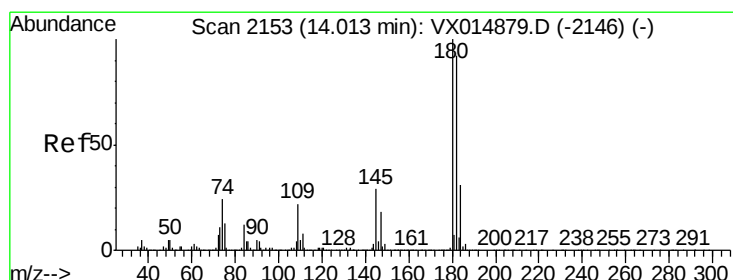
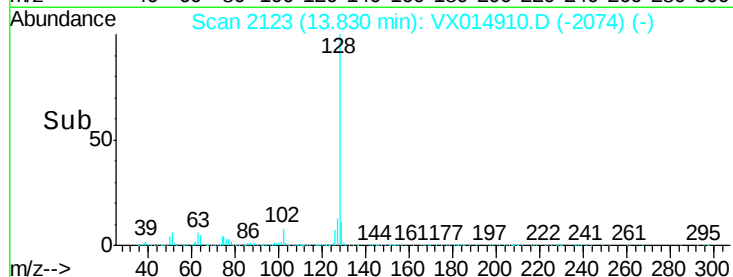
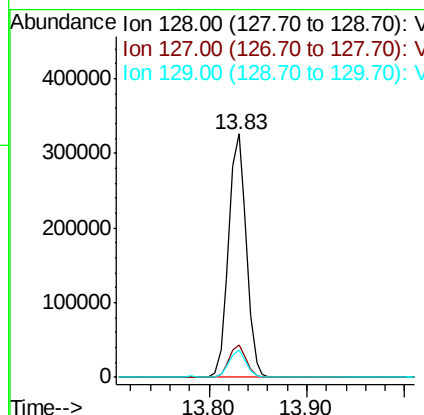
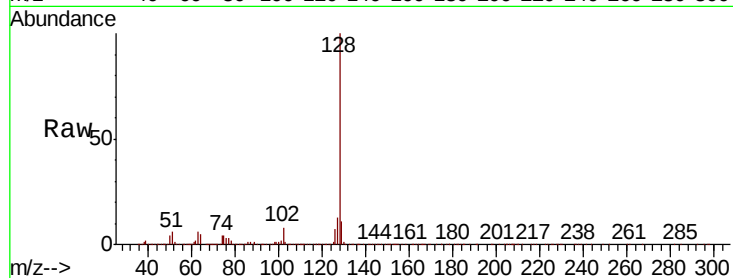
#95
Naphthalene
Concen: 19.977 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.6	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
2/12/2020 3:04:31 PM



#96
1,2,3-Trichlorobenzene
Concen: 18.749 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014910.D
Acq: 11 Feb 2020 12:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.5	142.6
145	30.1	14.5	43.5

