

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021920\
 Data File : VX014959.D
 Acq On : 19 Feb 2020 11:27
 Operator : JC/SP
 Sample : VX0219WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0219WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/20/2020 1:41:26 PM

Quant Time: Feb 20 00:36:27 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	458024	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	669437	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	626956	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	323231	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	252529	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	
35) Dibromofluoromethane	5.48	113	204867	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	
50) Toluene-d8	8.71	98	787541	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
62) 4-Bromofluorobenzene	11.13	95	283327	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	82864	19.104	ug/l	99
3) Chloromethane	1.32	50	91610	18.629	ug/l	99
4) Vinyl Chloride	1.40	62	95349	17.999	ug/l	100
5) Bromomethane	1.64	94	63940	18.646	ug/l	98
6) Chloroethane	1.72	64	63481	18.728	ug/l	98
7) Trichlorofluoromethane	1.93	101	138810	18.754	ug/l	99
8) Diethyl Ether	2.18	74	55535	18.094	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	81048	18.864	ug/l	98
10) Methyl Iodide	2.50	142	81210	19.843	ug/l	99
11) Tert butyl alcohol	3.01	59	86999	95.322	ug/l	99
12) 1,1-Dichloroethene	2.37	96	76588	18.243	ug/l	97
13) Acrolein	2.28	56	42709	61.397	ug/l	95
14) Allyl chloride	2.72	41	130757	17.567	ug/l	98
15) Acrylonitrile	3.12	53	217588	94.042	ug/l	99
16) Acetone	2.43	43	235351	77.205	ug/l	97
17) Carbon Disulfide	2.56	76	196832	16.780	ug/l	96
18) Methyl Acetate	2.76	43	106018	20.364	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	256450	18.769	ug/l	97
20) Methylene Chloride	2.85	84	86786	17.453	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	83649	18.057	ug/l	96
22) Diisopropyl ether	3.84	45	271615	19.106	ug/l	100
23) Vinyl Acetate	3.80	43	1141791	97.430	ug/l	99
24) 1,1-Dichloroethane	3.69	63	150183	18.718	ug/l	100
25) 2-Butanone	4.65	43	319247	90.717	ug/l	98
26) 2,2-Dichloropropane	4.57	77	124604	18.021	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	93665	18.088	ug/l	99
28) Bromochloromethane	5.00	49	63534	20.430	ug/l	99
29) Tetrahydrofuran	5.11	42	193181	96.565	ug/l	100
30) Chloroform	5.20	83	150528	18.910	ug/l	98
31) Cyclohexane	5.56	56	133987	18.335	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	128657	18.476	ug/l	99
36) 1,1-Dichloropropene	5.79	75	110666	18.480	ug/l	98
37) Ethyl Acetate	4.81	43	119537	19.139	ug/l	99
38) Carbon Tetrachloride	5.77	117	110398	18.917	ug/l	98

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Manual Integrations
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Quant Time: Feb 20 00:36:27 2020
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 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	7.45	83	136268	18.195	ug/l	99
40) Benzene	6.13	78	335711	18.763	ug/l	99
41) Methacrylonitrile	5.03	41	65009	19.321	ug/l	96
42) 1,2-Dichloroethane	6.18	62	124152	19.199	ug/l	97
43) Isopropyl Acetate	6.43	43	198044	19.222	ug/l	98
44) Trichloroethene	7.20	130	97581	18.787	ug/l	98
45) 1,2-Dichloropropane	7.50	63	86559	18.970	ug/l	97
46) Dibromomethane	7.65	93	57969	18.585	ug/l	98
47) Bromodichloromethane	7.89	83	113589	18.367	ug/l	96
48) Methyl methacrylate	7.76	41	96611	19.054	ug/l	100
49) 1,4-Dioxane	7.73	88	38435	405.421	ug/l	92
51) 4-Methyl-2-Pentanone	8.63	43	615394	98.918	ug/l	99
52) Toluene	8.78	92	215090	18.927	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	126109	18.606	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	137068	18.306	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	87815	19.100	ug/l	98
56) Ethyl methacrylate	9.17	69	131554	19.036	ug/l	99
57) 1,3-Dichloropropane	9.36	76	147583	19.069	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	356002	98.502	ug/l	100
59) 2-Hexanone	9.48	43	471177	96.355	ug/l	99
60) Dibromochloromethane	9.57	129	93543	18.906	ug/l	98
61) 1,2-Dibromoethane	9.67	107	92489	18.644	ug/l	100
64) Tetrachloroethene	9.33	164	99162	16.917	ug/l	98
65) Chlorobenzene	10.13	112	239025	18.797	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	88165	19.097	ug/l	99
67) Ethyl Benzene	10.25	91	411674	19.036	ug/l	100
68) m/p-Xylenes	10.35	106	311748	37.419	ug/l	98
69) o-Xylene	10.69	106	150280	18.765	ug/l	100
70) Styrene	10.71	104	252773	18.657	ug/l	99
71) Bromoform	10.85	173	70559	18.311	ug/l #	97
73) Isopropylbenzene	11.01	105	405356	19.998	ug/l	99
74) N-amyl acetate	10.89	43	165564	19.658	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	130901	19.755	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	126321m	21.612	ug/l	
77) Bromobenzene	11.25	156	107212	18.950	ug/l	98
78) n-propylbenzene	11.35	91	453544	19.345	ug/l	100
79) 2-Chlorotoluene	11.42	91	275571	19.994	ug/l	97
80) 1,3,5-Trimethylbenzene	11.50	105	342792	20.239	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	40570	17.767	ug/l	95
82) 4-Chlorotoluene	11.51	91	310435	19.019	ug/l	98
83) tert-Butylbenzene	11.76	119	323961	20.199	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	339669	19.900	ug/l	100
85) sec-Butylbenzene	11.94	105	389762	19.562	ug/l	99
86) p-Isopropyltoluene	12.06	119	362129	19.422	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	189915	18.711	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	192442	18.567	ug/l	99
89) n-Butylbenzene	12.38	91	306036	18.327	ug/l	100
90) Hexachloroethane	12.59	117	64379	19.772	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	194024	19.493	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.99	75	28333	18.226	ug/l	96

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ClientSampleId :
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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	131253	17.866	ug/l	98
94) Hexachlorobutadiene	13.77	225	66261	18.647	ug/l	97
95) Naphthalene	13.83	128	378806	19.392	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	134536	18.954	ug/l	99

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

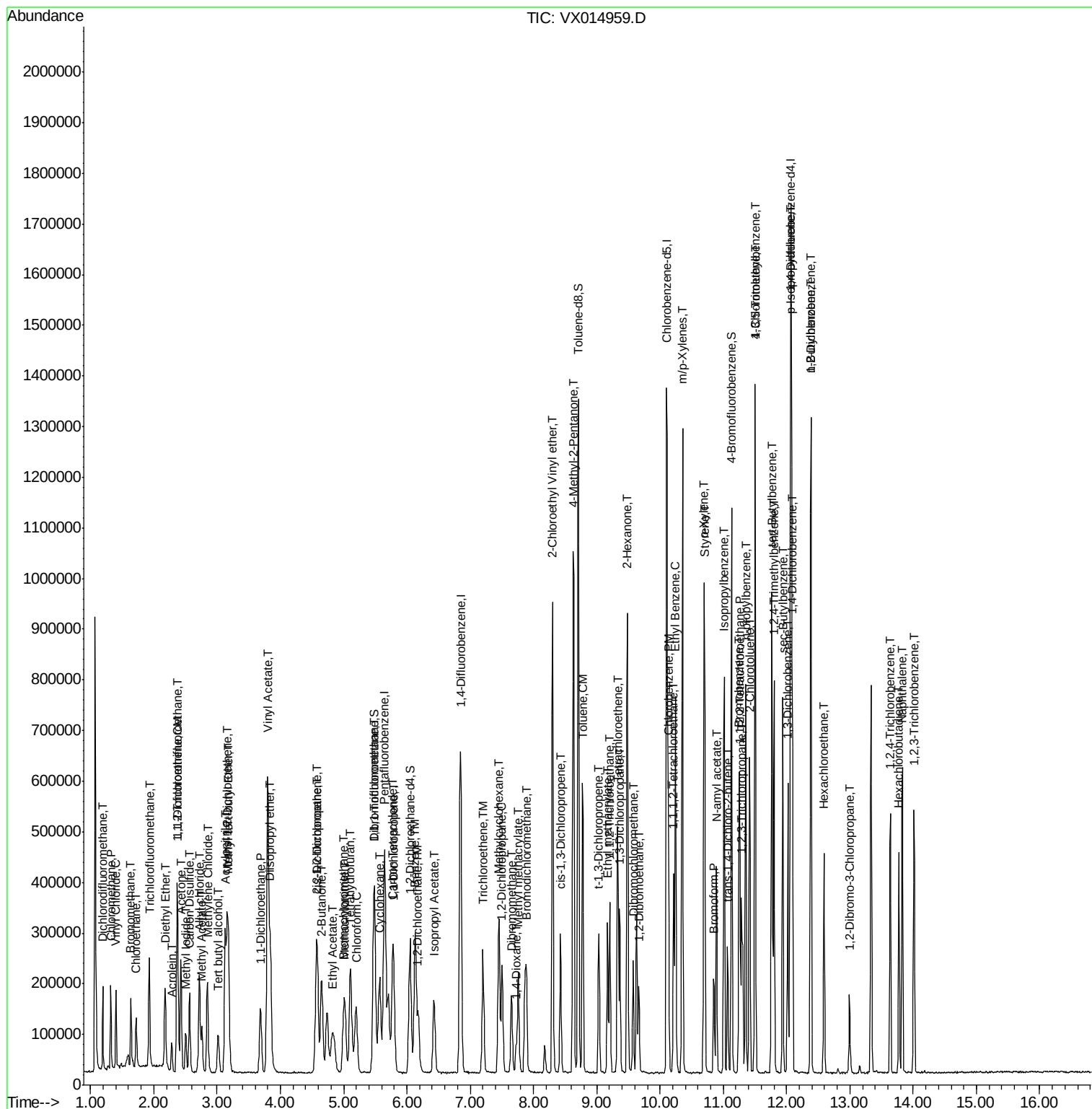
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX021920\
Data File : VX014959.D
Acq On : 19 Feb 2020 11:27
Operator : JC/SP
Sample : VX0219WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

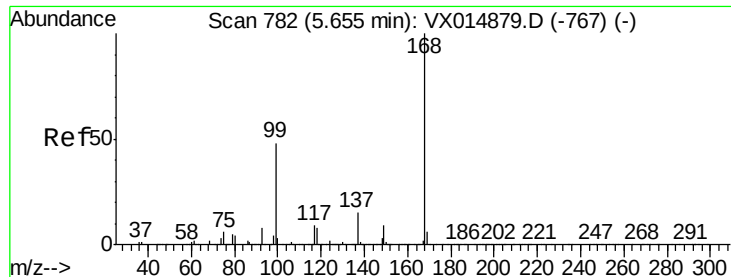
Instrument :
MSVOA_X
ClientSampleID :
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Quant Title : SW846 8260
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#1

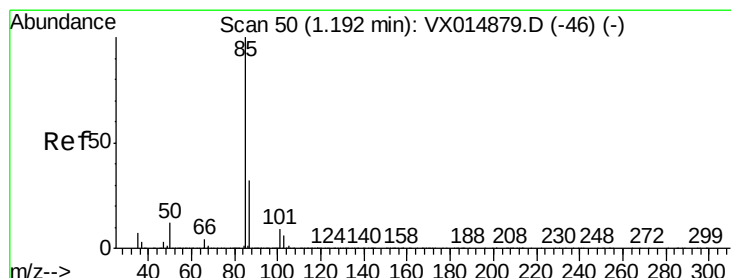
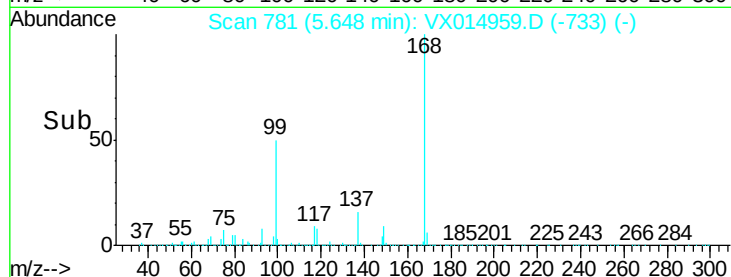
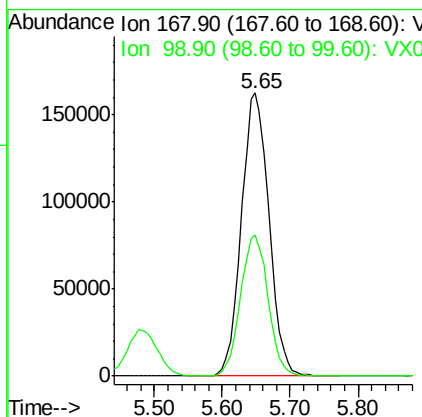
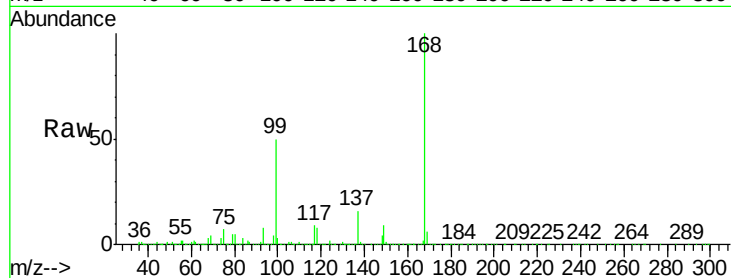
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.01 min
Lab File: VX014959.D
Acq: 19 Feb 2020 11:27

Instrument :
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ClientSampleId :
VX0219WBS01

Tot Ion	Ratio	Lower	Upper
168	100		
99	49.7	38.7	58.1

Manual Integrations
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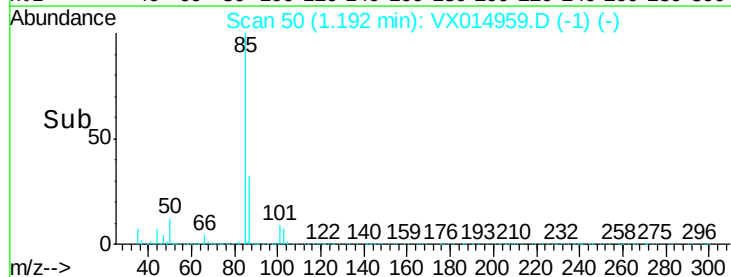
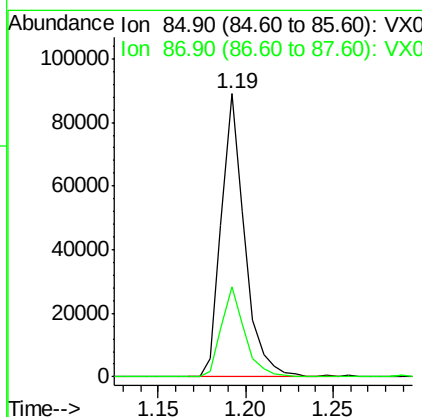
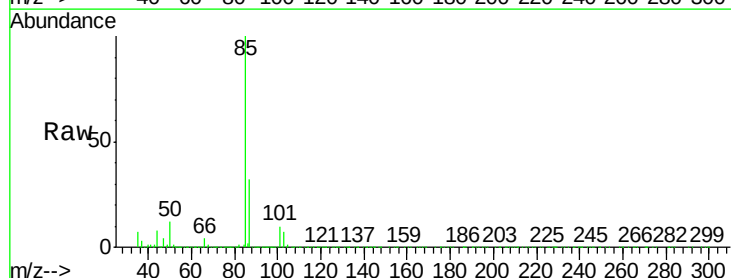
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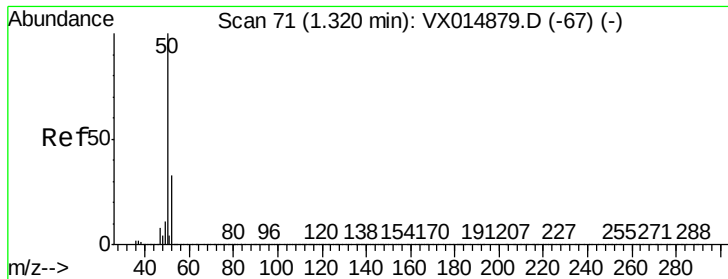


#2

Dichlorodifluoromethane
Concen: 19.104 ug/l
RT: 1.19 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX014959.D
Acq: 19 Feb 2020 11:27

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.7	16.1	48.2





#3

Chloromethane

Concen: 18.629 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

Instrument :

MSVOA_X

ClientSampleId :

VX0219WBS01

Tot Ion: 50 Resp: 91610

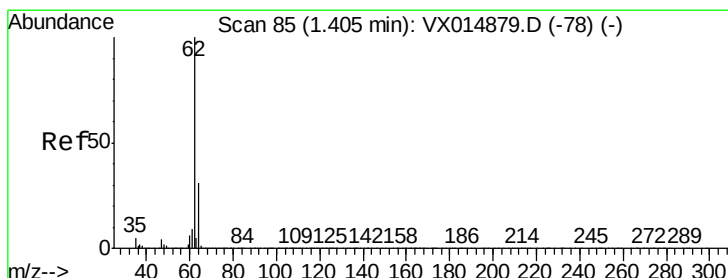
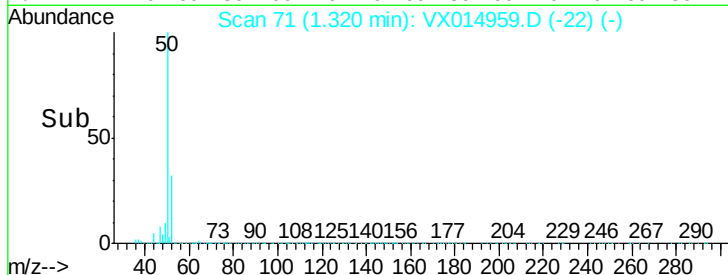
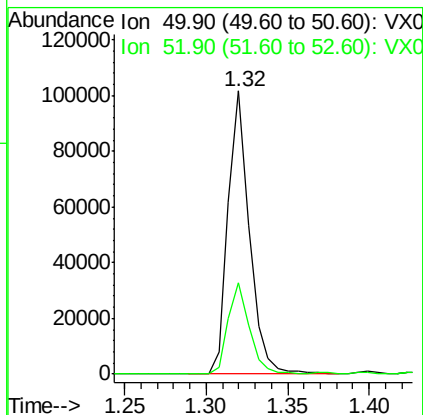
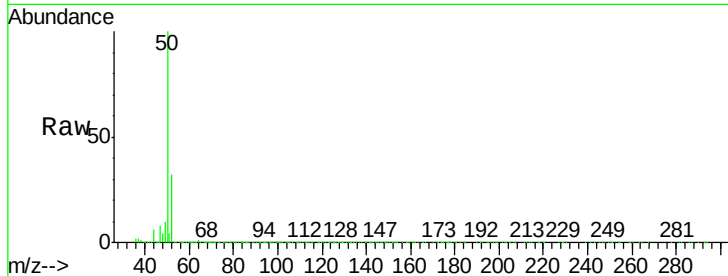
Ion Ratio Lower Upper

50 100

52 32.0 26.2 39.2

Manual Integrations
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#4

Vinyl Chloride

Concen: 17.999 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.01 min

Lab File: VX014959.D

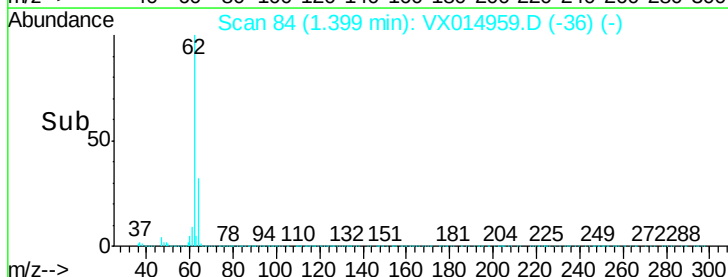
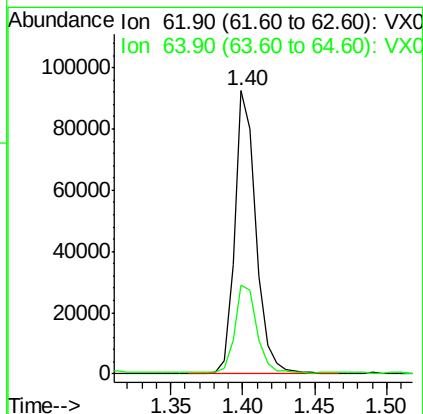
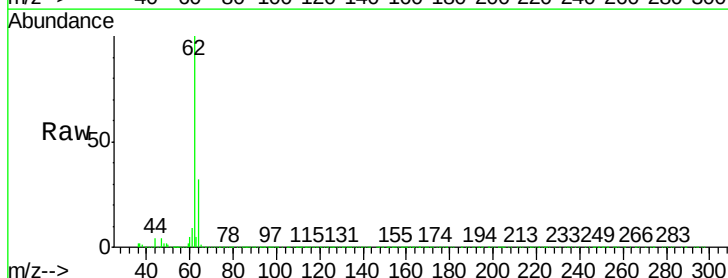
Acq: 19 Feb 2020 11:27

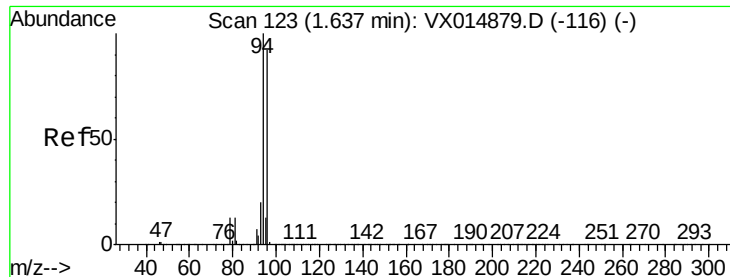
Tgt Ion: 62 Resp: 95349

Ion Ratio Lower Upper

62 100

64 31.0 24.8 37.2





#5

Bromomethane

Concen: 18.646 ug/l

RT: 1.64 min Scan# 123

Delta R.T. -0.00 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

Instrument :

MSVOA_X

ClientSampleId :

VX0219WBS01

Tot Ion: 94 Resp: 63940

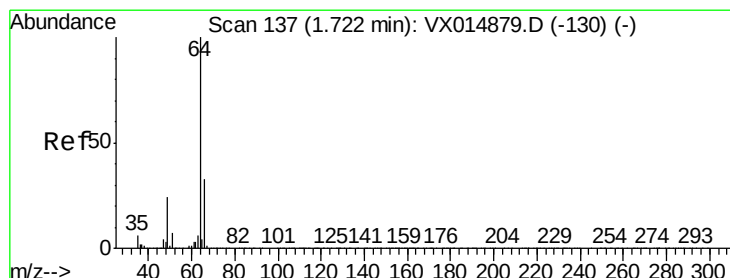
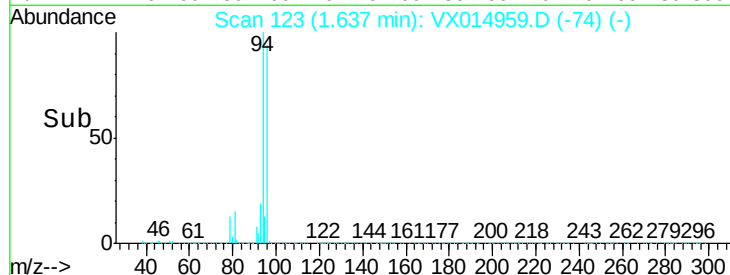
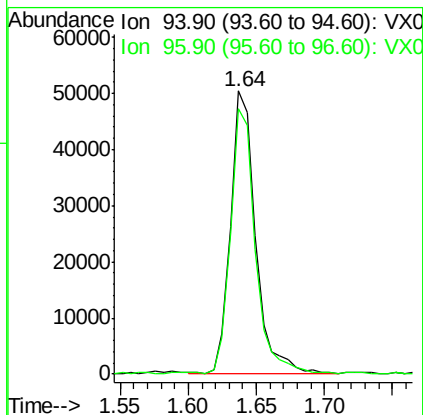
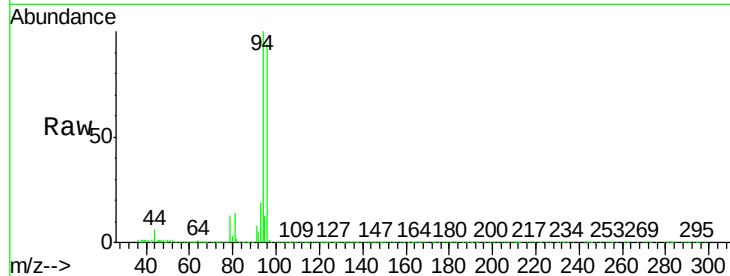
Ion Ratio Lower Upper

94 100

96 93.7 73.7 110.5

Manual Integrations
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#6

Chloroethane

Concen: 18.728 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.00 min

Lab File: VX014959.D

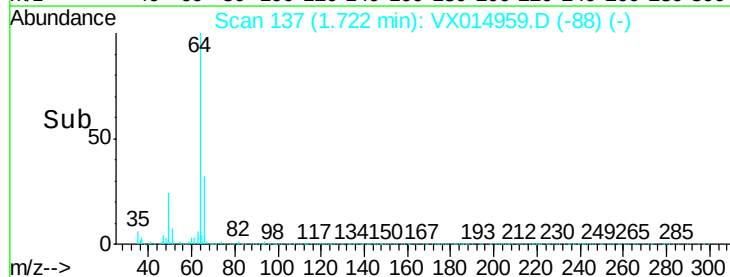
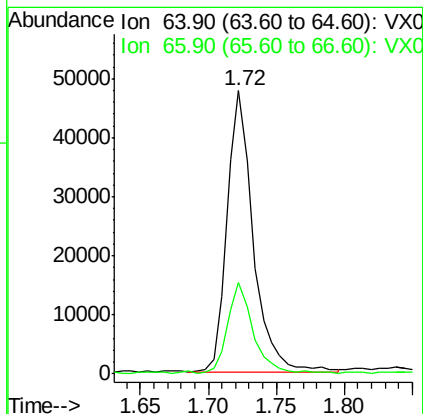
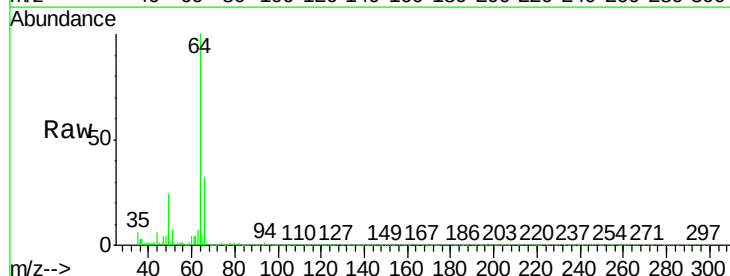
Acq: 19 Feb 2020 11:27

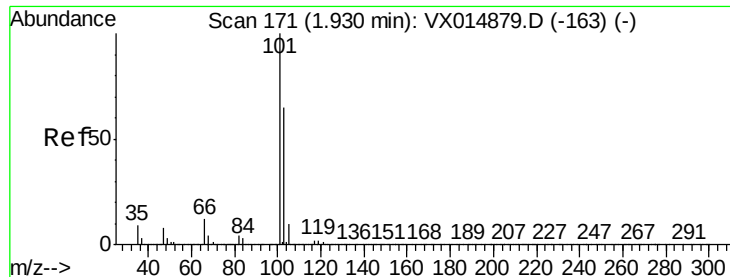
Tgt Ion: 64 Resp: 63481

Ion Ratio Lower Upper

64 100

66 31.9 26.2 39.4





#7

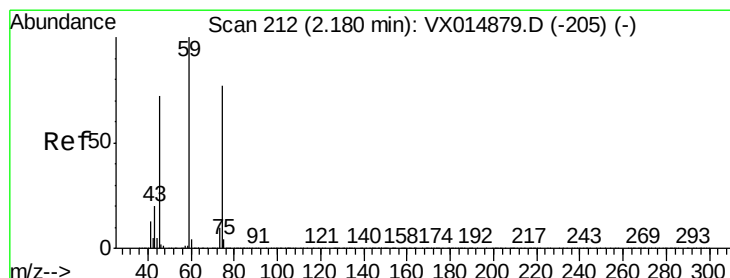
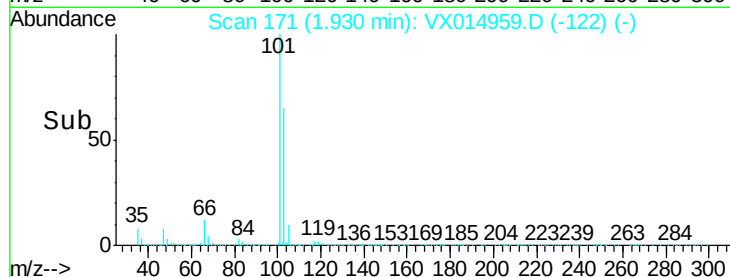
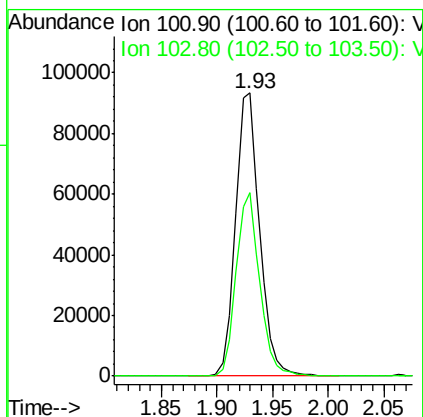
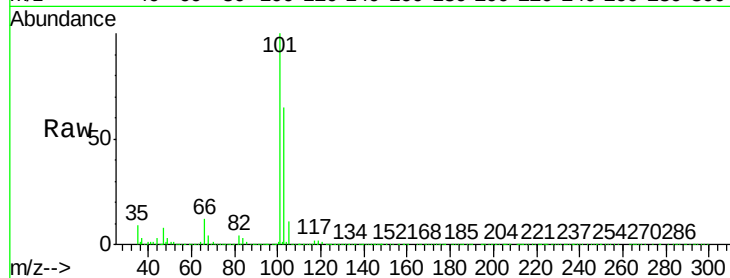
Trichlorofluoromethane
Concen: 18.754 ug/l
RT: 1.93 min Scan# 171
Delta R.T. -0.00 min
Lab File: VX014959.D
Acq: 19 Feb 2020 11:27

Instrument :
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	138810		
103	64.8	52.2	78.4	

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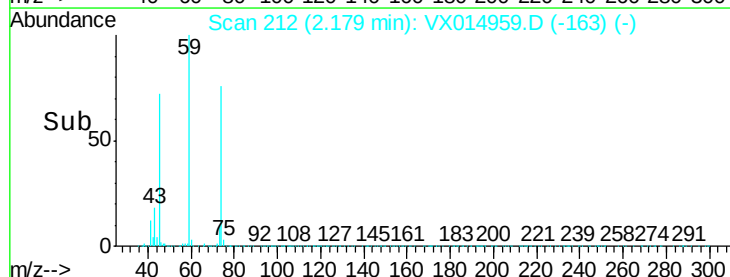
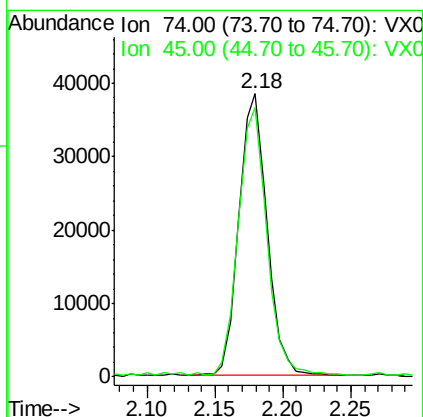
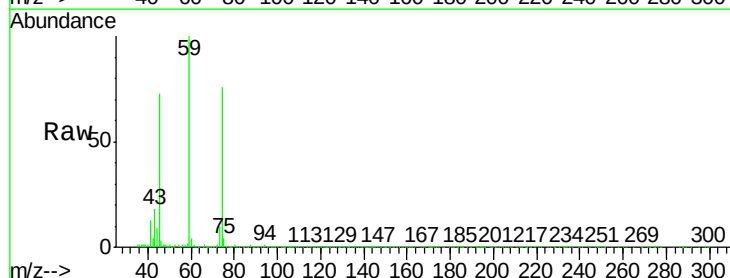
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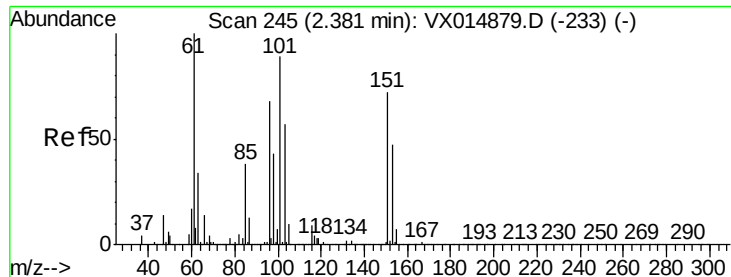


#8

Diethyl Ether
Concen: 18.094 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014959.D
Acq: 19 Feb 2020 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	55535		
45	96.4	46.6	139.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.864 ug/l

RT: 2.38 min Scan# 245

Delta R.T. -0.00 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

Instrument :

MSVOA_X

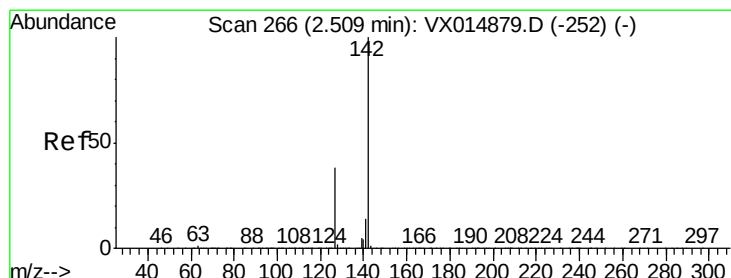
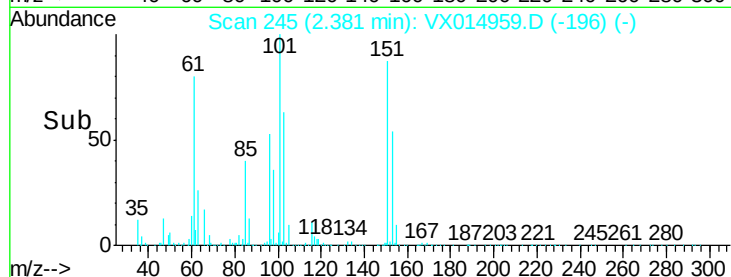
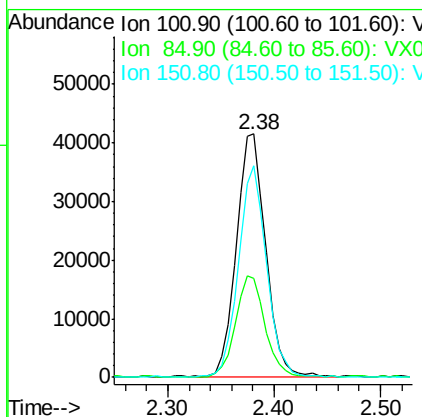
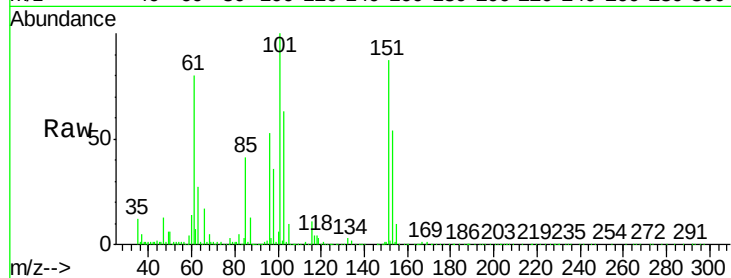
ClientSampleId :

VX0219WBS01

Tot Ion:	101	Resp:	81048
Ion Ratio	Lower	Upper	
101	100		
85	40.9	34.1	51.1
151	82.3	67.3	100.9

Manual Integrations
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#10

Methyl Iodide

Concen: 19.843 ug/l

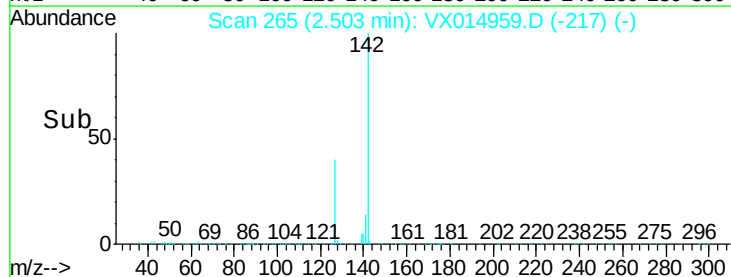
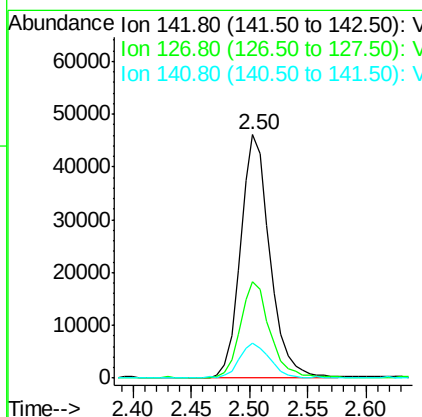
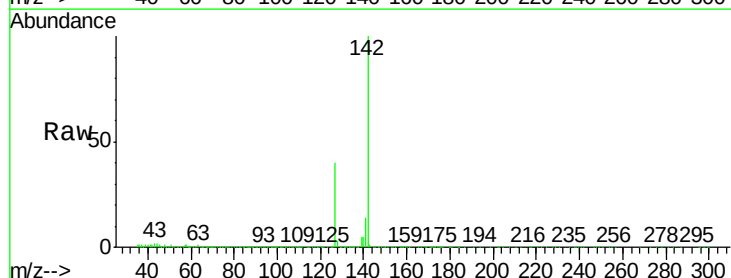
RT: 2.50 min Scan# 265

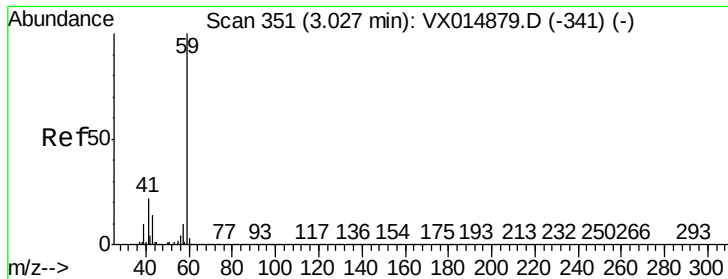
Delta R.T. -0.01 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

Tgt Ion:	142	Resp:	81210
Ion Ratio	Lower	Upper	
142	100		
127	39.6	31.1	46.7
141	15.1	11.3	16.9





#11

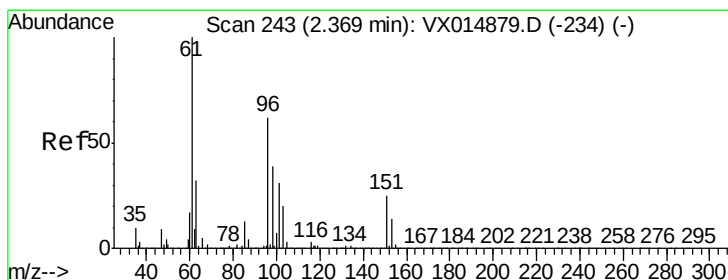
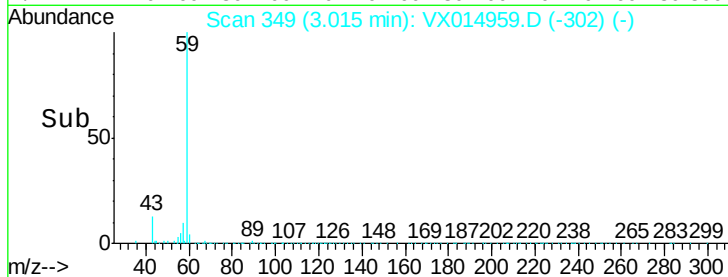
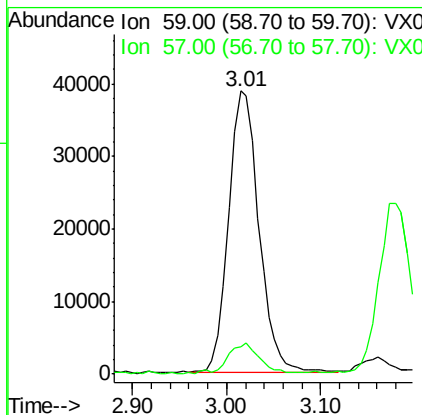
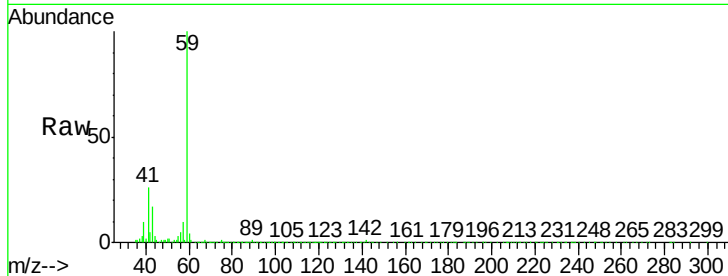
Tert butyl alcohol
Concen: 95.322 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.01 min
Lab File: VX014959.D
Acq: 19 Feb 2020 11:27

Instrument :
MSVOA_X
ClientSampleId :
VX0219WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.2	12.4

Manual Integrations
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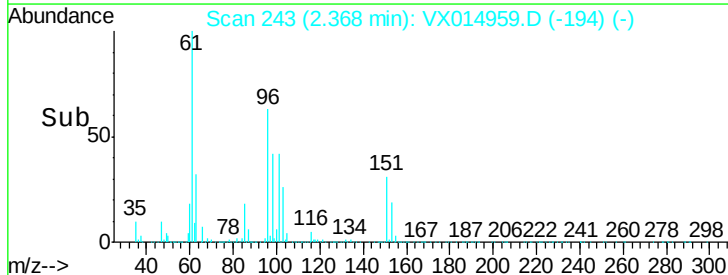
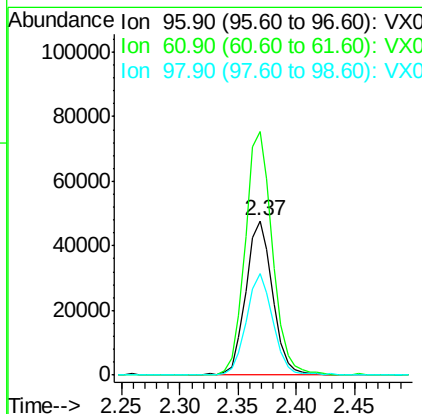
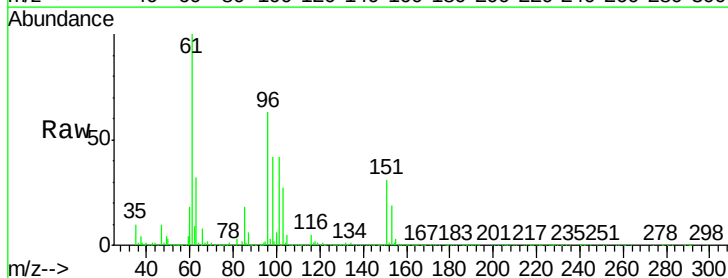
MMDadoda
2/20/2020 1:41:26 PM

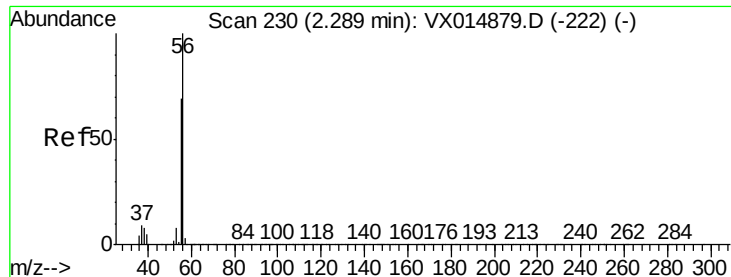


#12

1,1-Dichloroethene
Concen: 18.243 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX014959.D
Acq: 19 Feb 2020 11:27

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.7	129.5	194.3
98	65.5	50.6	76.0





#13

Acrolein

Concen: 61.397 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.01 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

Instrument :

MSVOA_X

ClientSampleId :

VX0219WBS01

Tot Ion: 56 Resp: 42709

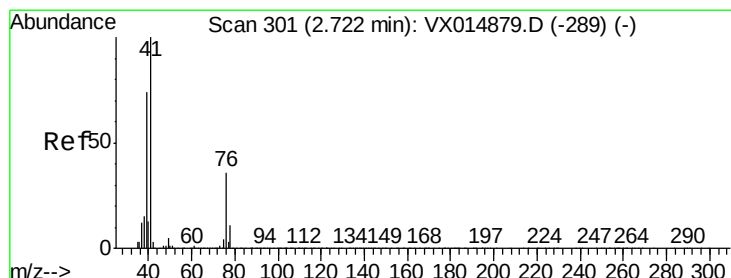
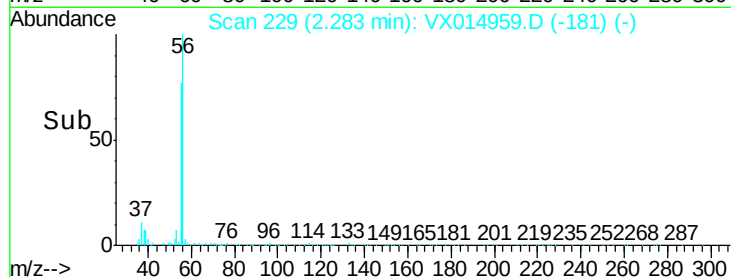
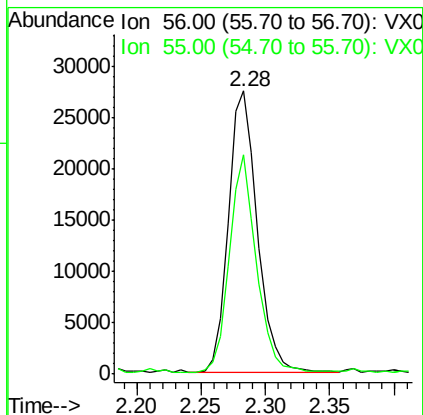
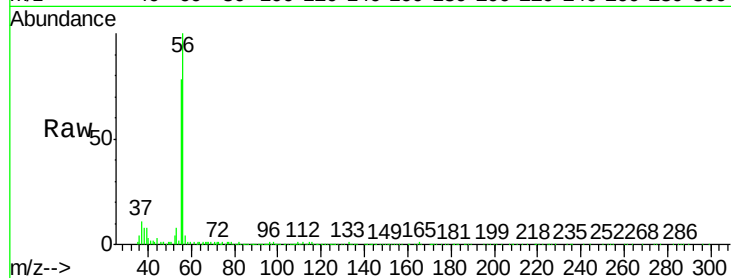
Ion Ratio Lower Upper

56 100

55 73.1 55.0 82.4

Manual Integrations
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#14

Allyl chloride

Concen: 17.567 ug/l

RT: 2.72 min Scan# 301

Delta R.T. -0.00 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

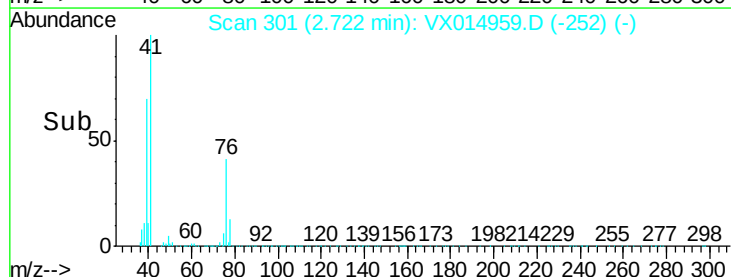
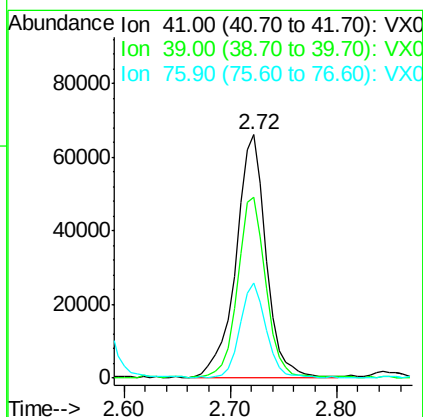
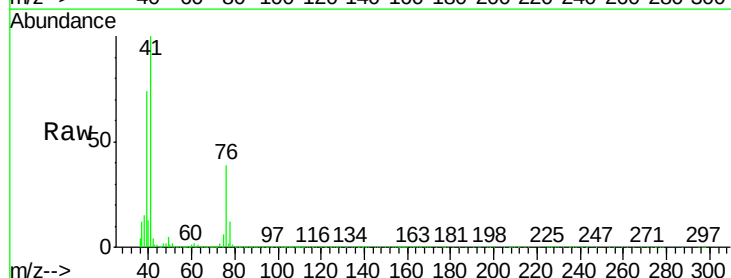
Tgt Ion: 41 Resp: 130757

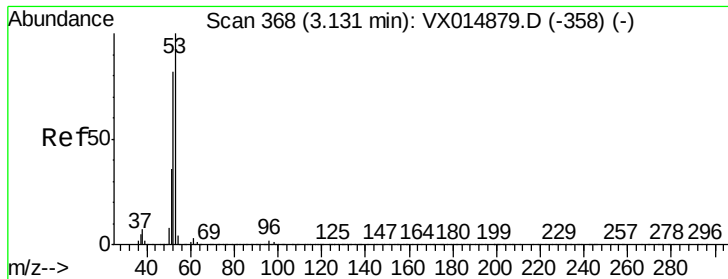
Ion Ratio Lower Upper

41 100

39 71.3 55.2 82.8

76 33.7 26.8 40.2





#15

Acrylonitrile

Concen: 94.042 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

Instrument :

MSVOA_X

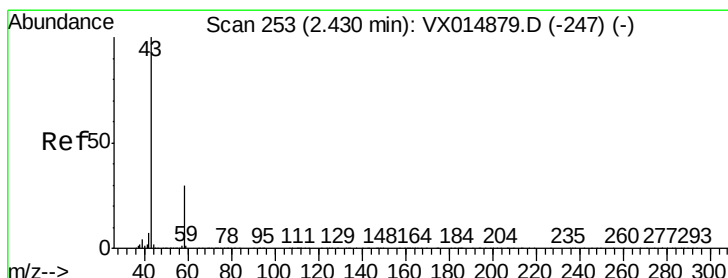
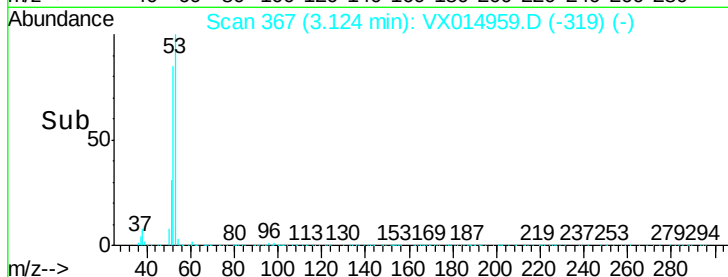
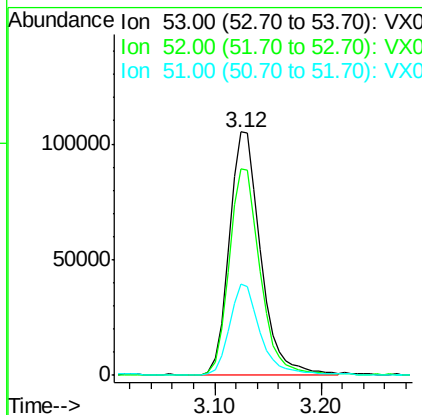
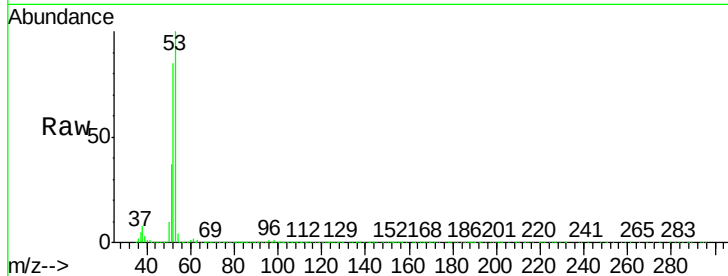
ClientSampleId :

VX0219WBS01

Tot Ion	Ratio	Lower	Upper
53	100		
52	83.9	65.8	98.6
51	36.3	29.1	43.7

Manual Integrations
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#16

Acetone

Concen: 77.205 ug/l

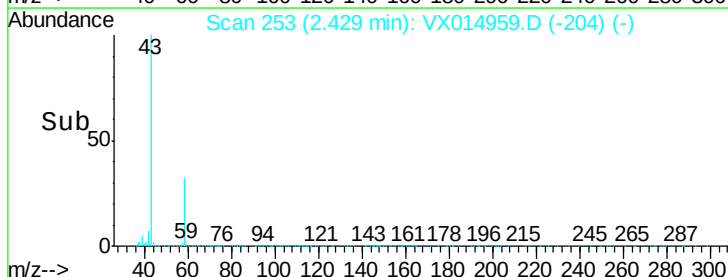
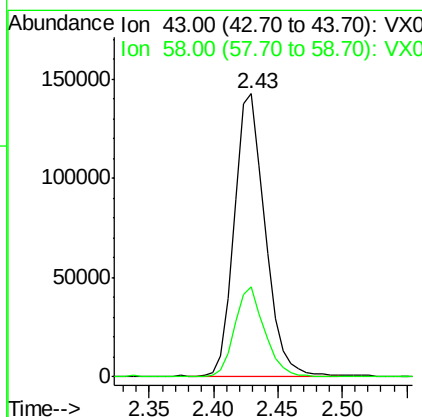
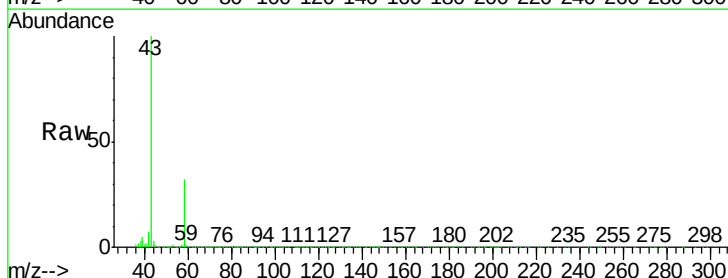
RT: 2.43 min Scan# 253

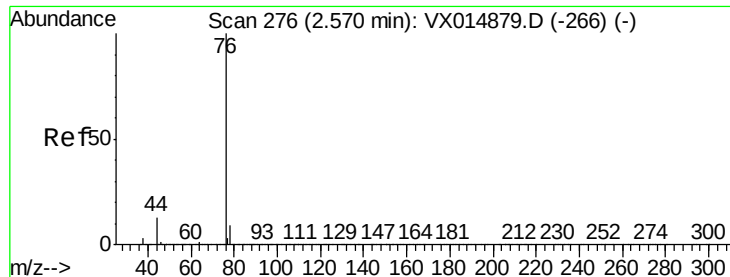
Delta R.T. 0.00 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.6	24.1	36.1





#17

Carbon Disulfide

Concen: 16.780 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.01 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

Instrument :

MSVOA_X

ClientSampleId :

VX0219WBS01

Tot Ion: 76 Resp: 196832

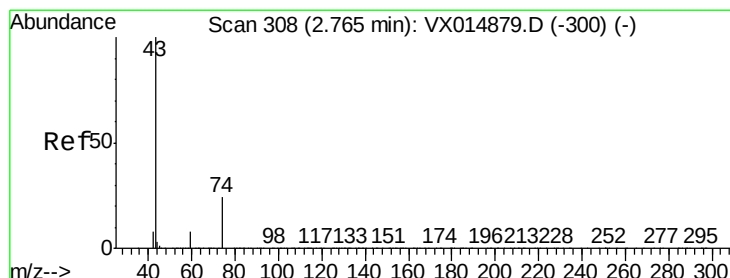
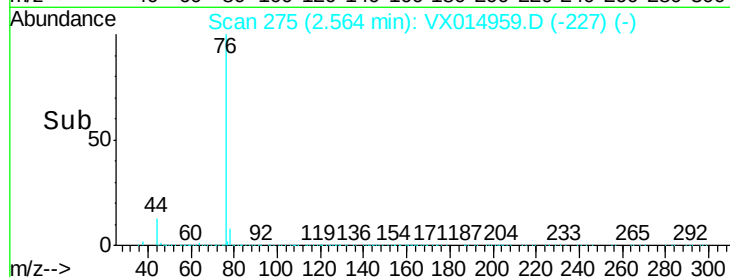
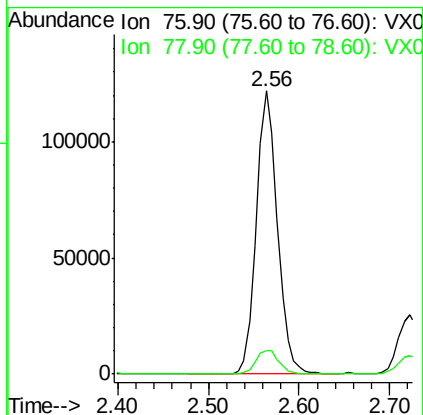
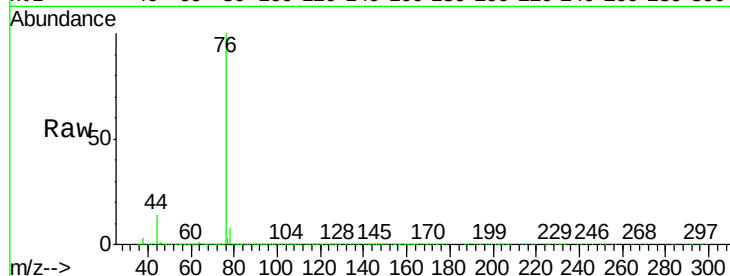
Ion Ratio Lower Upper

76 100

78 7.9 7.4 11.0

Manual Integrations
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#18

Methyl Acetate

Concen: 20.364 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014959.D

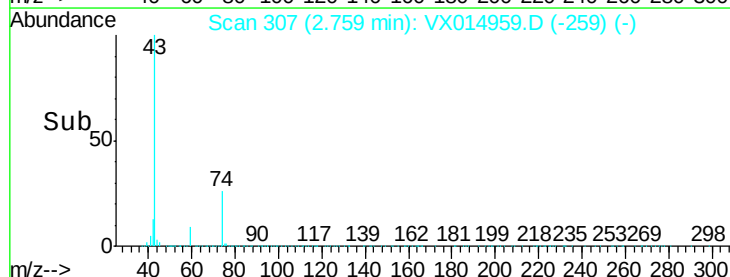
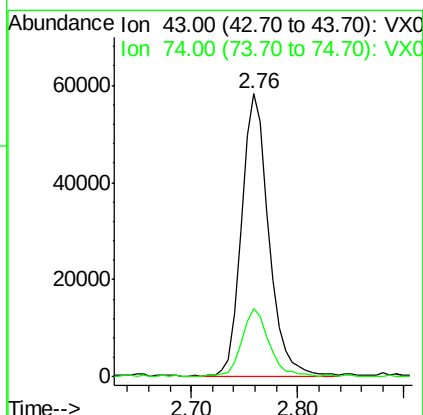
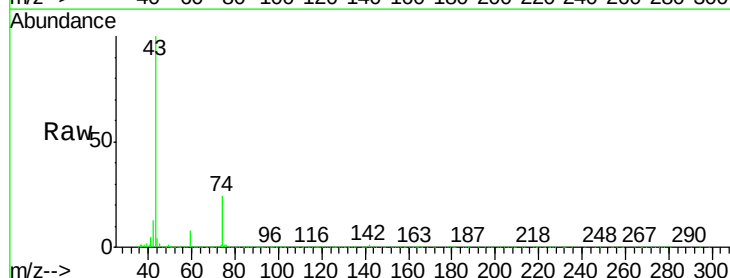
Acq: 19 Feb 2020 11:27

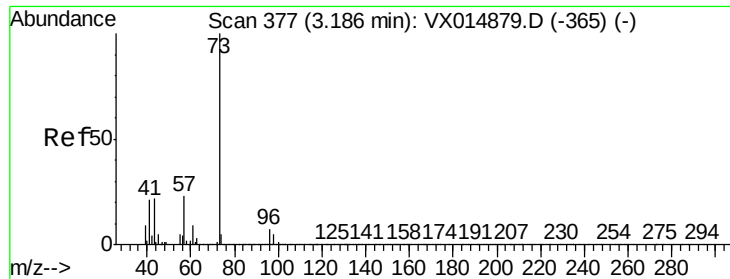
Tgt Ion: 43 Resp: 106018

Ion Ratio Lower Upper

43 100

74 24.3 19.4 29.0





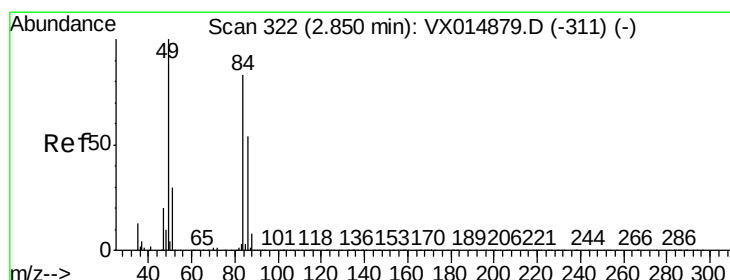
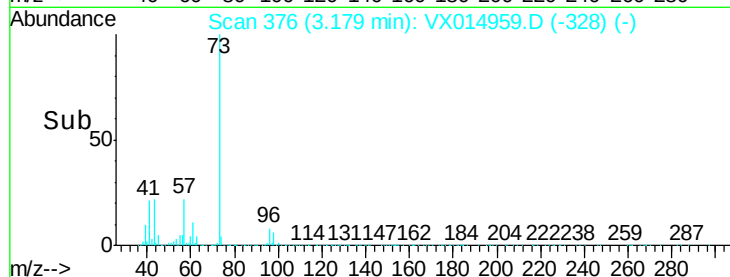
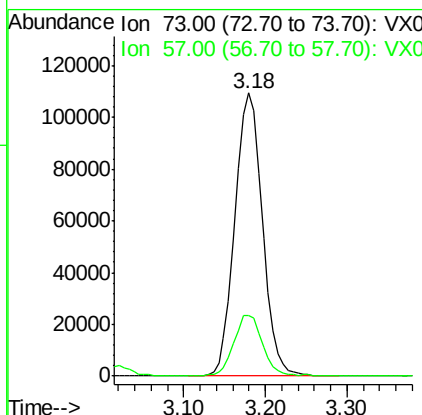
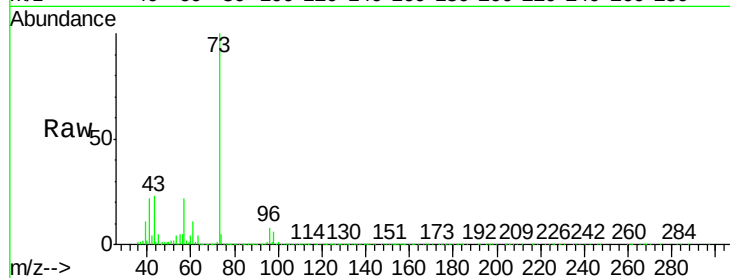
#19
Methyl tert-butyl Ether
Concen: 18.769 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014959.D
Acq: 19 Feb 2020 11:27

Instrument :
MSVOA_X
ClientSampleId :
VX0219WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.4	18.2	27.4

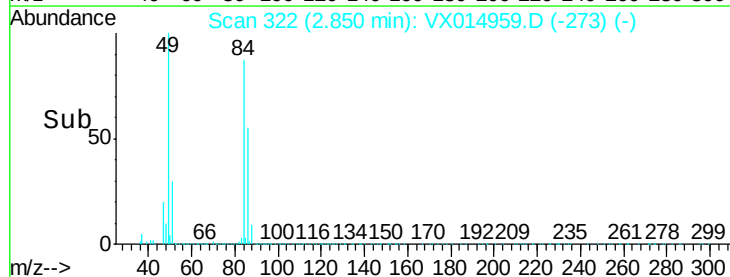
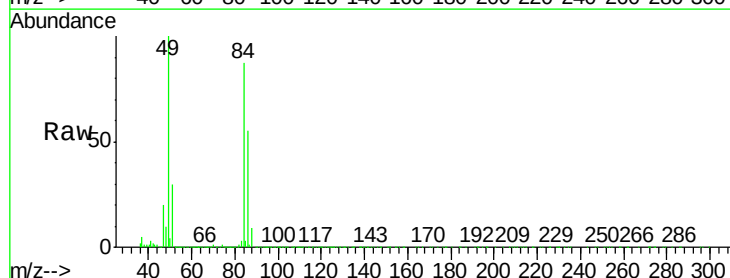
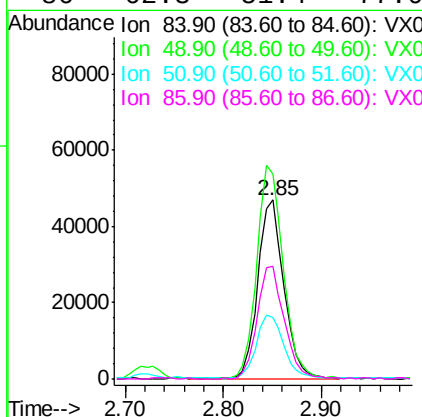
Manual Integrations
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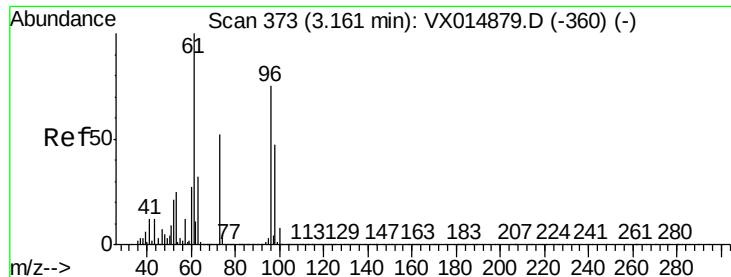
MMDadoda
2/20/2020 1:41:26 PM



#20
Methylene Chloride
Concen: 17.453 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX014959.D
Acq: 19 Feb 2020 11:27

Tgt Ion	Ratio	Lower	Upper
84	100		
49	113.8	95.6	143.4
51	33.6	29.0	43.6
86	62.3	51.4	77.0





#21

trans-1,2-Dichloroethene

Concen: 18.057 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

Instrument :

MSVOA_X

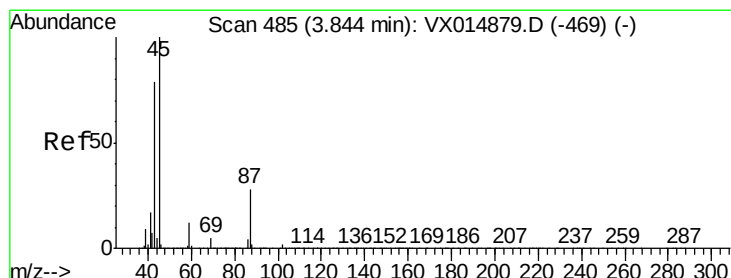
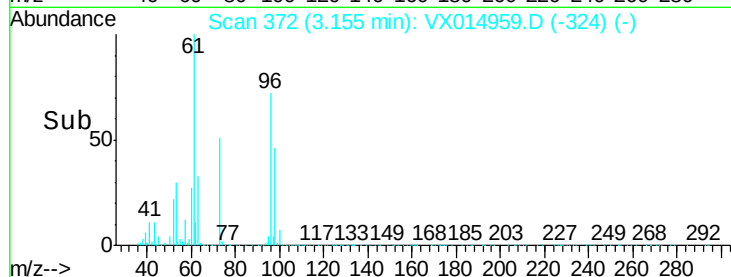
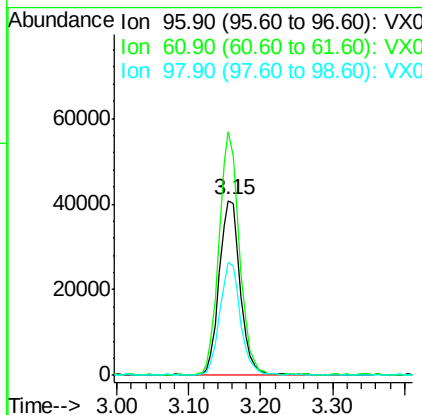
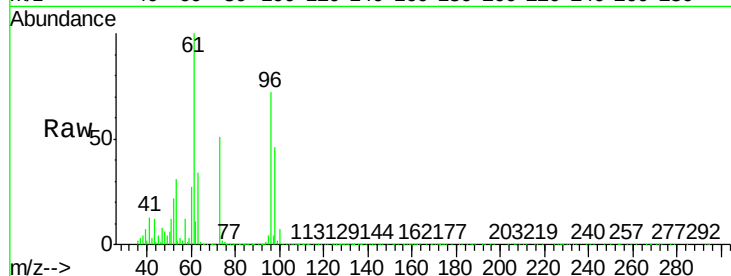
ClientSampleId :

VX0219WBS01

Tot Ion:	96	Resp:	83649
Ion Ratio	Lower	Upper	
96	100		
61	139.1	106.9	160.3
98	64.5	50.7	76.1

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.106 ug/l

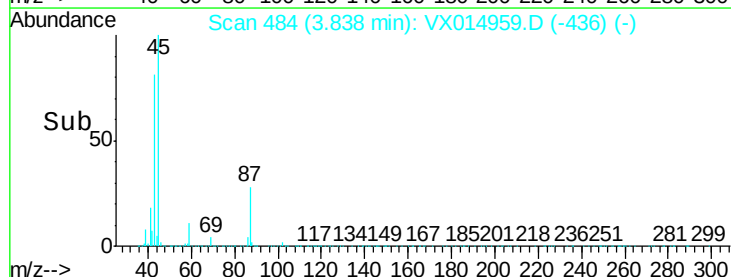
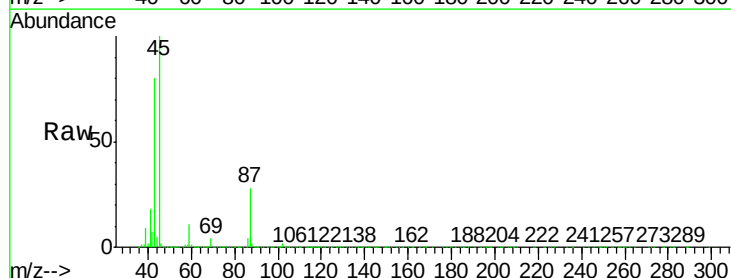
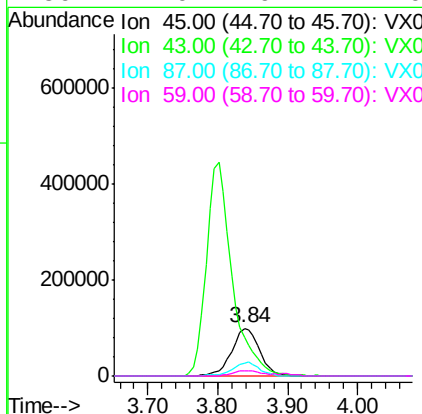
RT: 3.84 min Scan# 484

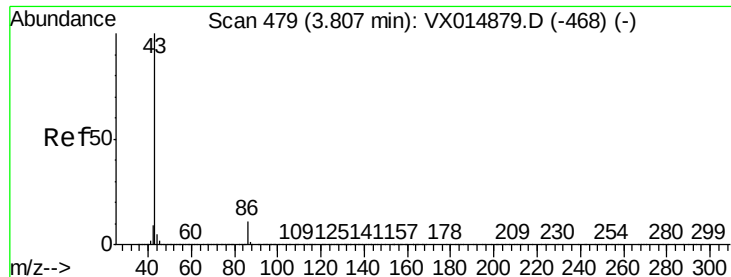
Delta R.T. -0.01 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

Tgt Ion:	45	Resp:	271615
Ion Ratio	Lower	Upper	
45	100		
43	79.4	63.5	95.3
87	28.0	22.2	33.4
59	11.0	9.4	14.0





#23

Vinyl Acetate

Concen: 97.430 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

Instrument :

MSVOA_X

ClientSampleId :

VX0219WBS01

Tot Ion: 43 Resp: 1141791

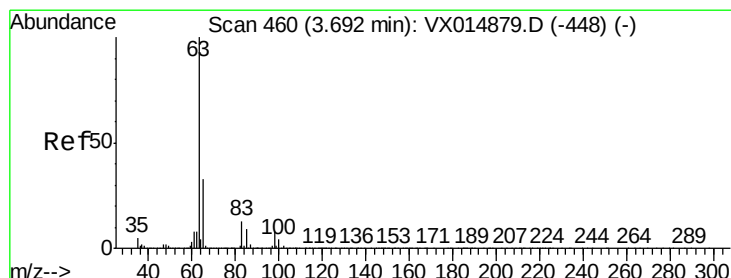
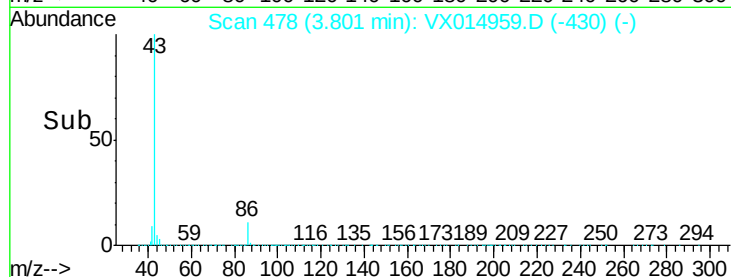
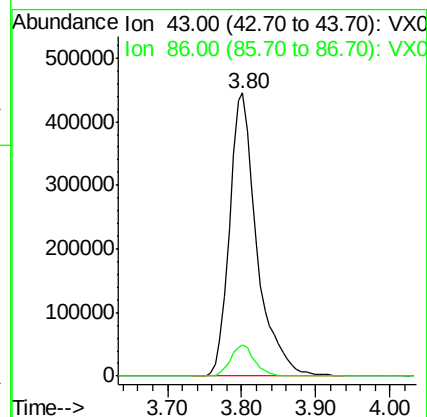
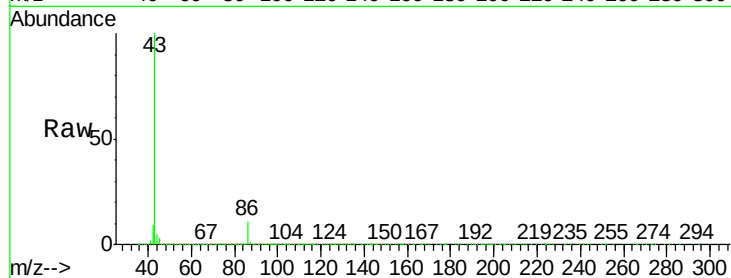
Ion Ratio Lower Upper

43 100

86 10.8 8.9 13.3

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 18.718 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

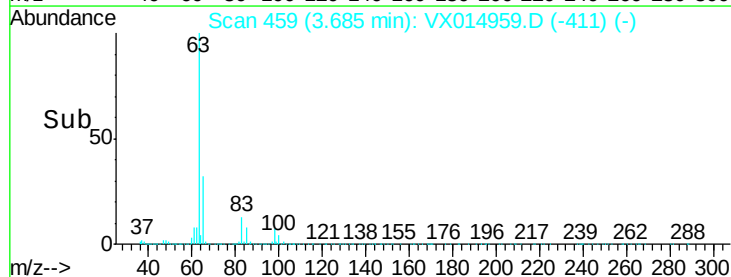
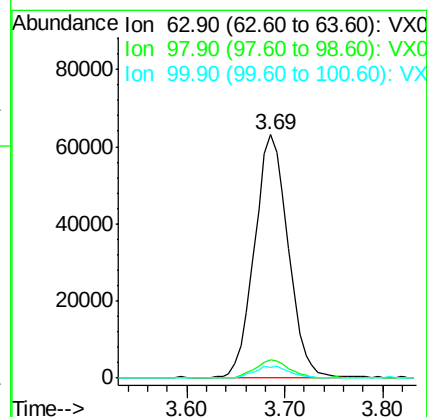
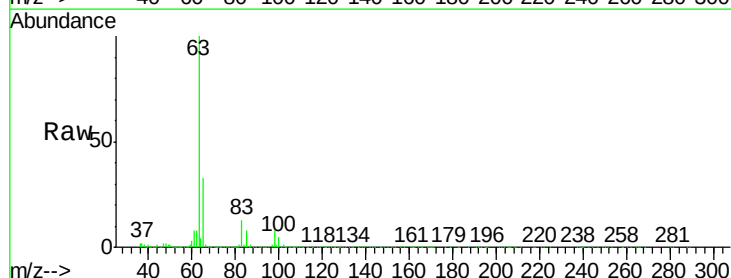
Tgt Ion: 63 Resp: 150183

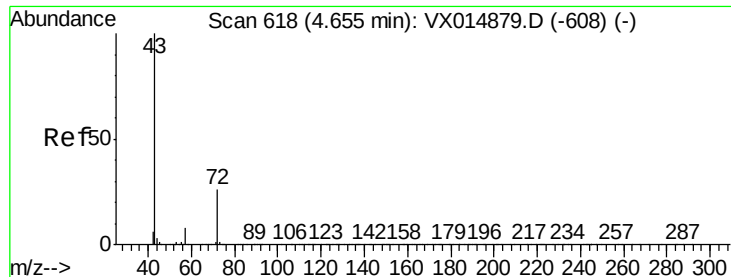
Ion Ratio Lower Upper

63 100

98 7.5 3.9 11.5

100 4.4 2.2 6.6





#25

2-Butanone

Concen: 90.717 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

Instrument :

MSVOA_X

ClientSampleId :

VX0219WBS01

Tot Ion: 43 Resp: 319247

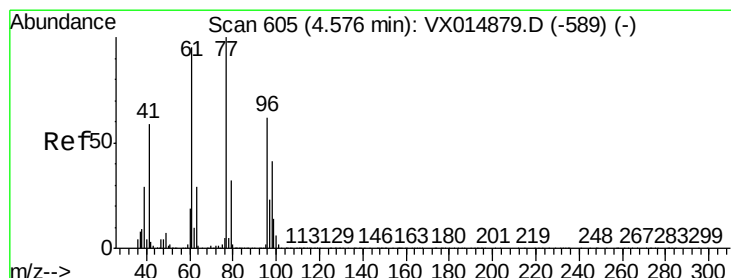
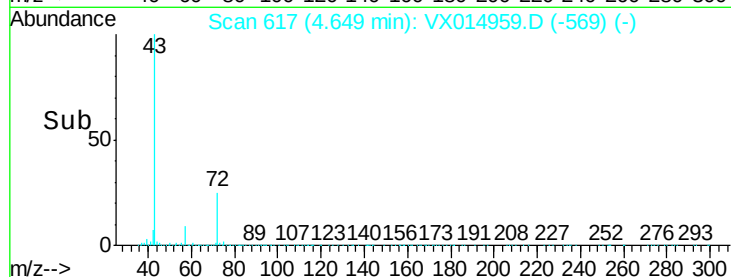
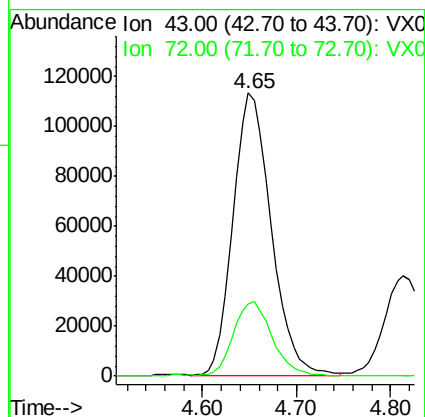
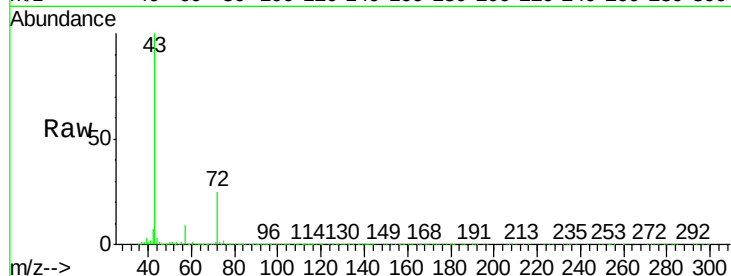
Ion Ratio Lower Upper

43 100

72 25.2 21.0 31.6

Manual Integrations
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2/20/2020 1:41:26 PM



#26

2,2-Dichloropropane

Concen: 18.021 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014959.D

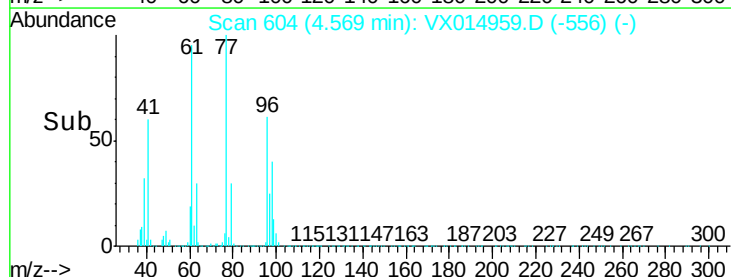
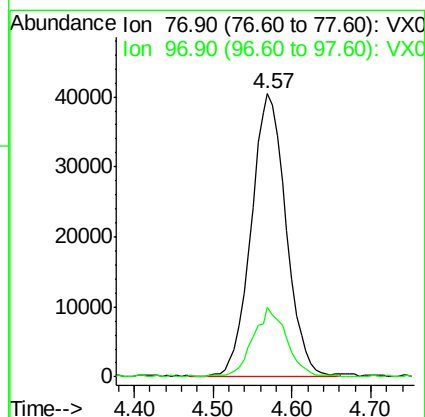
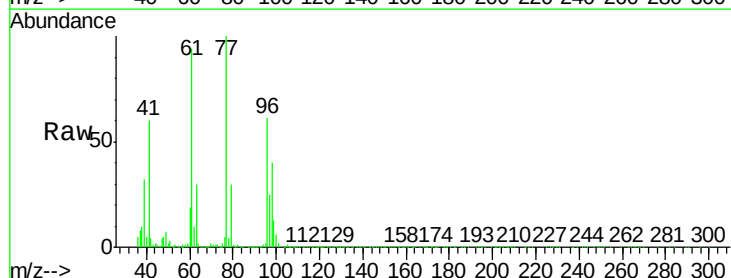
Acq: 19 Feb 2020 11:27

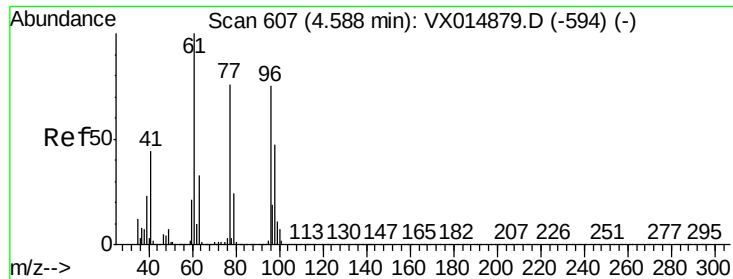
Tgt Ion: 77 Resp: 124604

Ion Ratio Lower Upper

77 100

97 23.3 11.9 35.5





#27

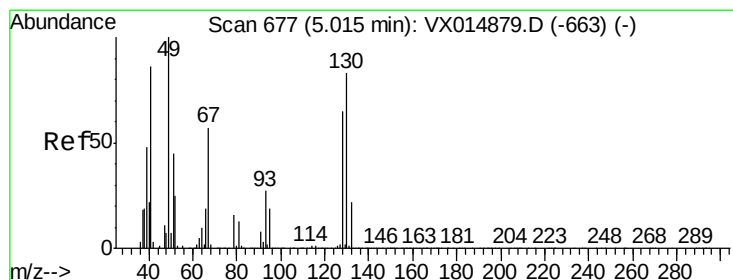
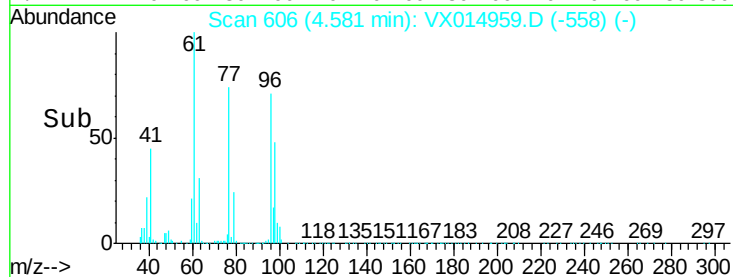
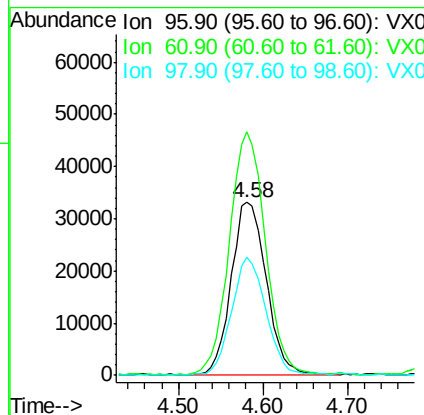
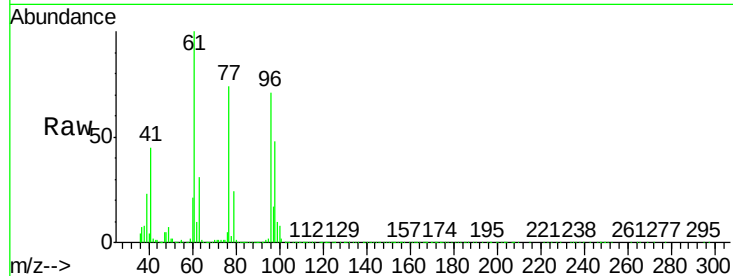
cis-1,2-Dichloroethene
Concen: 18.088 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014959.D
Acq: 19 Feb 2020 11:27

Instrument :
MSVOA_X
ClientSampleId :
VX0219WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.5	0.0	286.2
98	65.7	0.0	131.0

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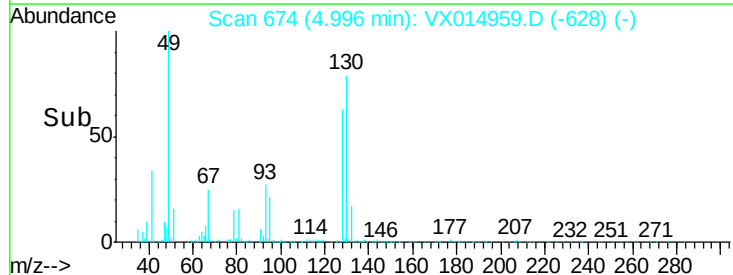
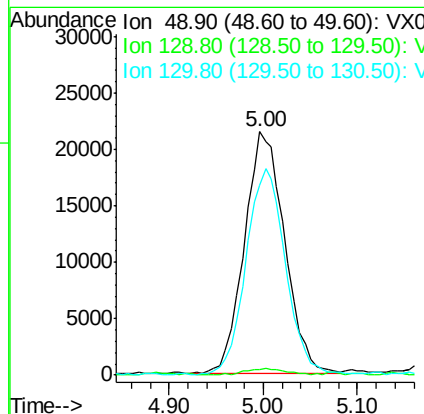
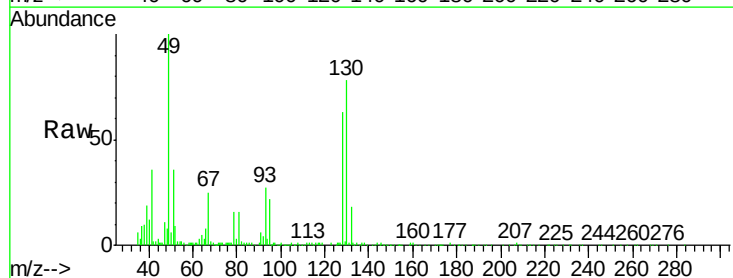
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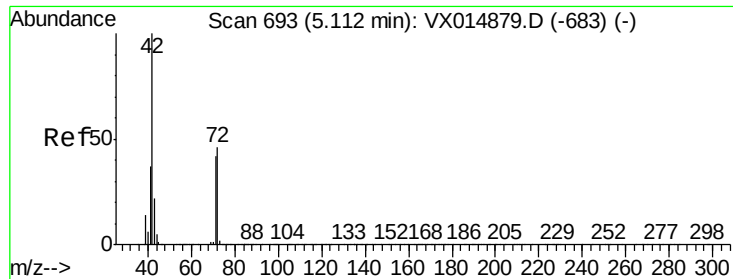


#28

Bromochloromethane
Concen: 20.430 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.02 min
Lab File: VX014959.D
Acq: 19 Feb 2020 11:27

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.2
130	83.7	67.4	101.2





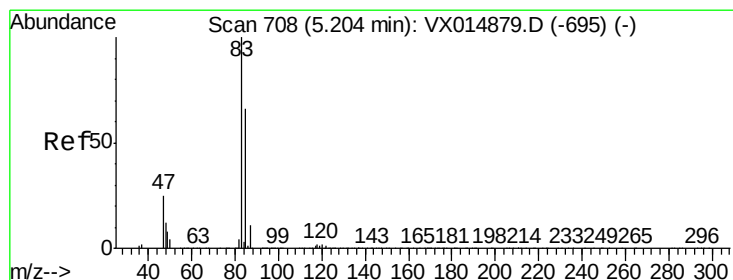
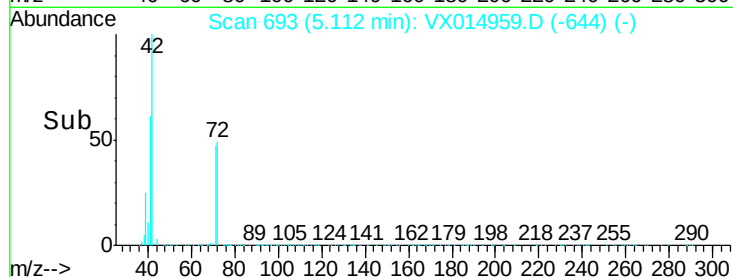
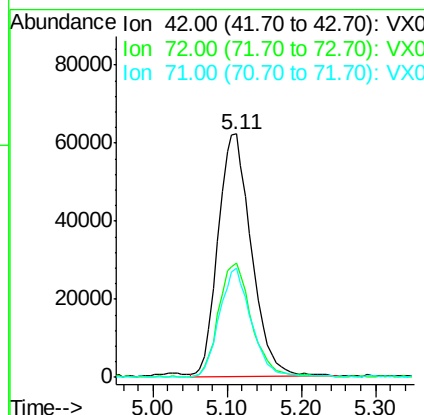
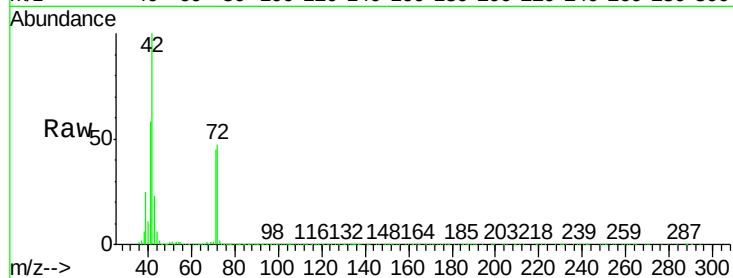
#29
Tetrahydrofuran
Concen: 96.565 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.00 min
Lab File: VX014959.D
Acq: 19 Feb 2020 11:27

Instrument :
MSVOA_X
ClientSampleId :
VX0219WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.2	36.9	55.3
71	42.6	34.1	51.1

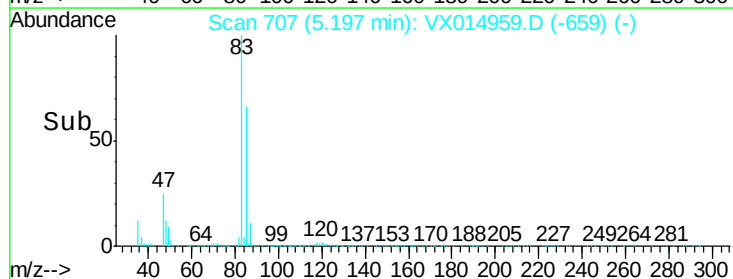
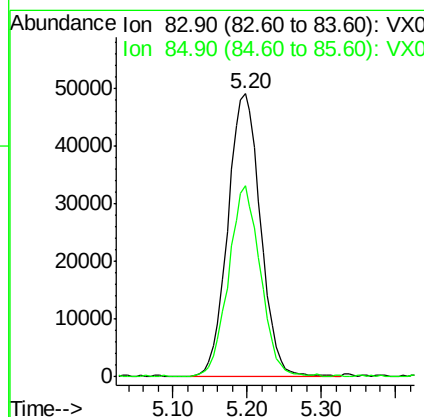
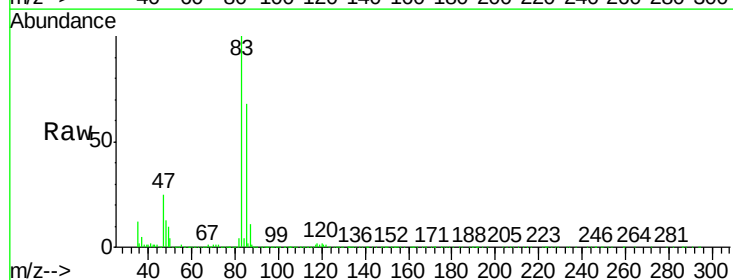
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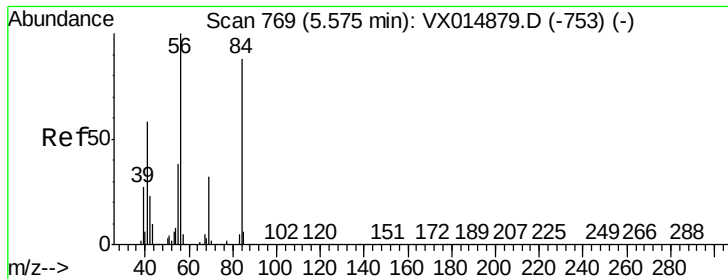
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#30
Chloroform
Concen: 18.910 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX014959.D
Acq: 19 Feb 2020 11:27

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.6	52.9	79.3





#31

Cyclohexane

Concen: 18.335 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

Instrument :

MSVOA_X

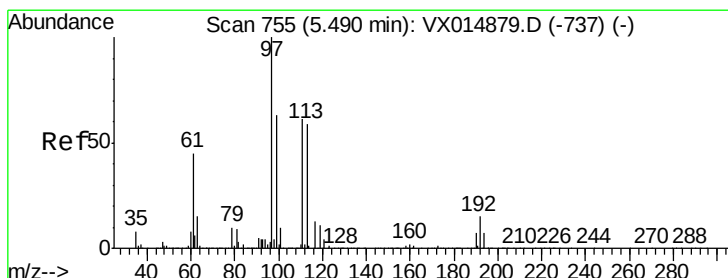
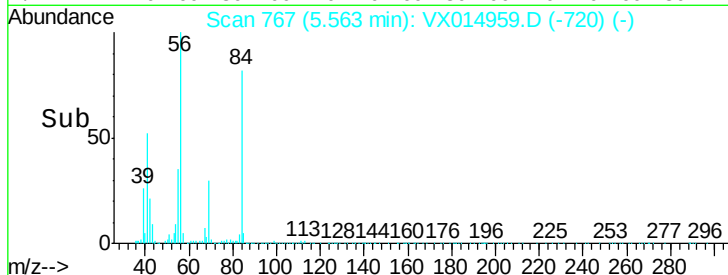
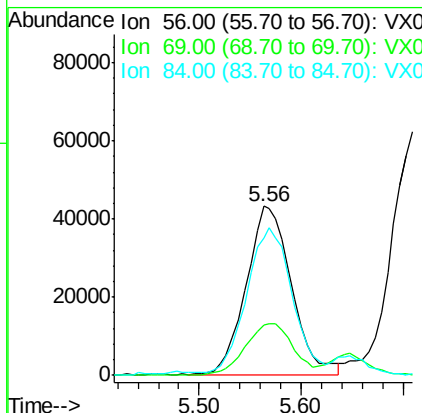
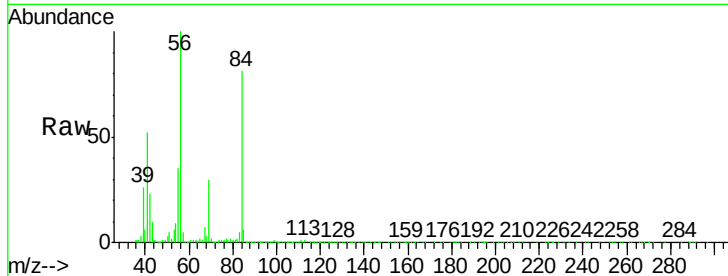
ClientSampleId :

VX0219WBS01

Tot Ion:	56	Resp:	133987
Ion Ratio		Lower	Upper
56	100		
69	29.9	25.9	38.9
84	79.5	70.4	105.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 18.476 ug/l

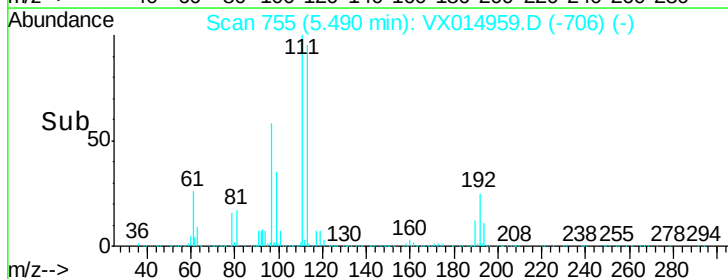
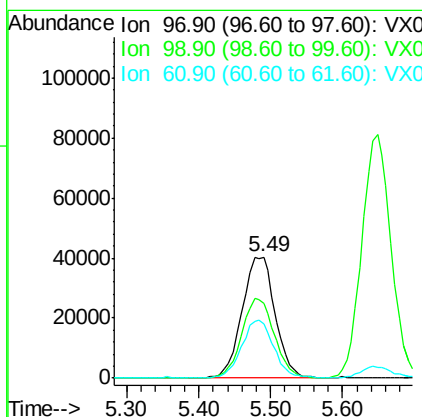
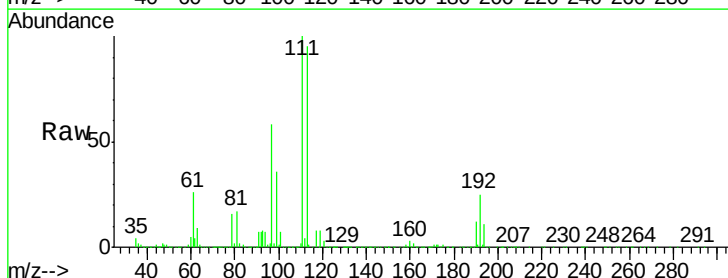
RT: 5.49 min Scan# 755

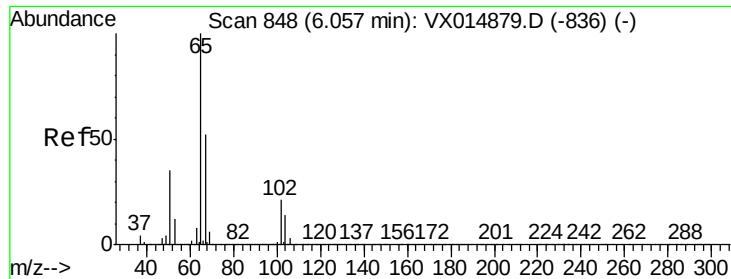
Delta R.T. -0.00 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

Tgt Ion:	97	Resp:	128657
Ion Ratio		Lower	Upper
97	100		
99	64.4	51.0	76.6
61	45.6	36.3	54.5





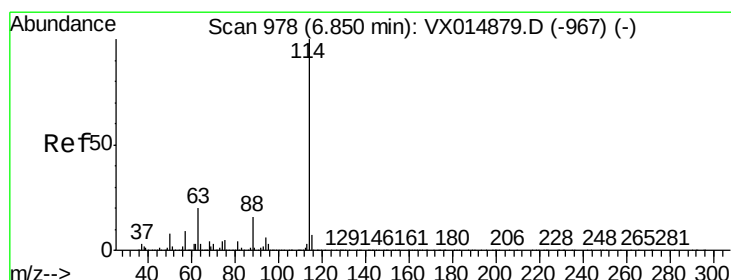
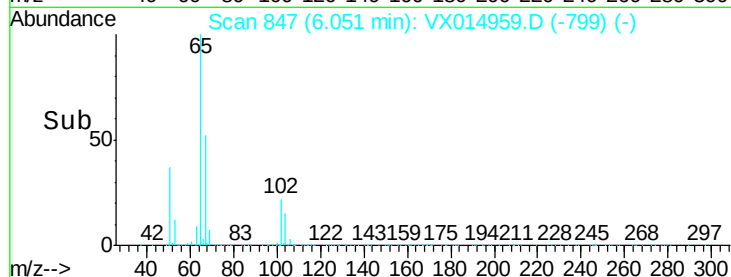
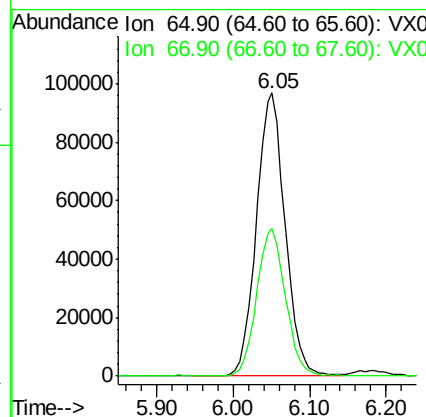
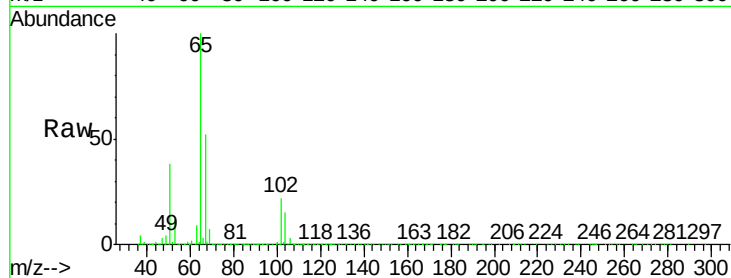
#33
 1,2-Dichloroethane-d4
 Concen: 48.853 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX014959.D
 Acq: 19 Feb 2020 11:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0219WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	252529		
67	52.2	0.0	103.0	

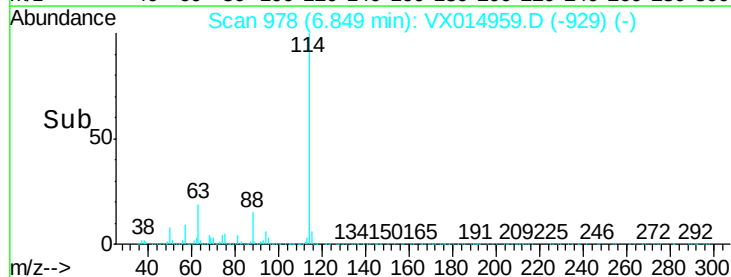
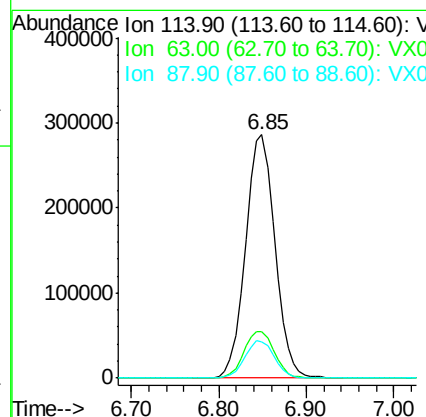
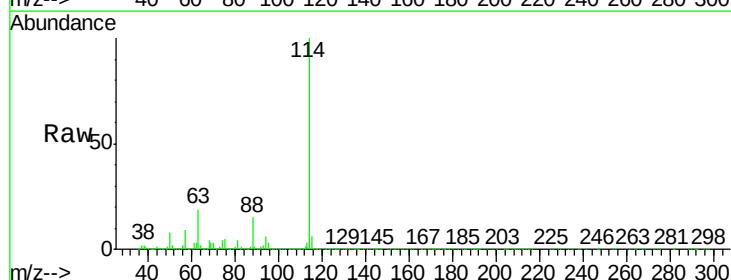
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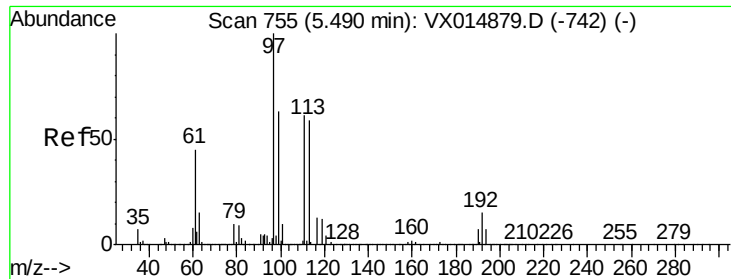
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX014959.D
 Acq: 19 Feb 2020 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	669437		
63	19.3	0.0	39.2	
88	14.9	0.0	32.0	





#35

Dibromofluoromethane

Concen: 49.779 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

Instrument :

MSVOA_X

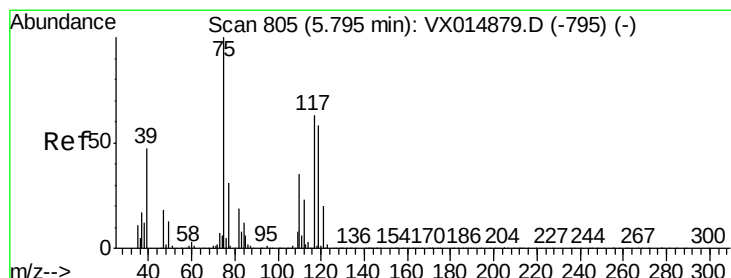
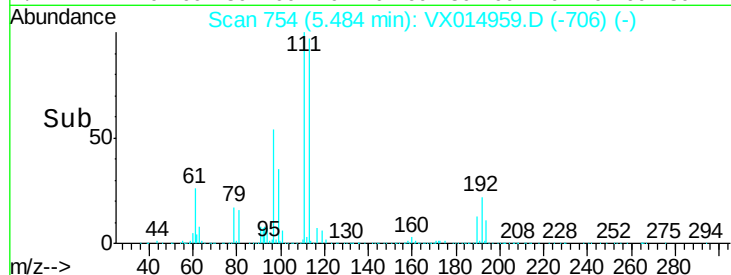
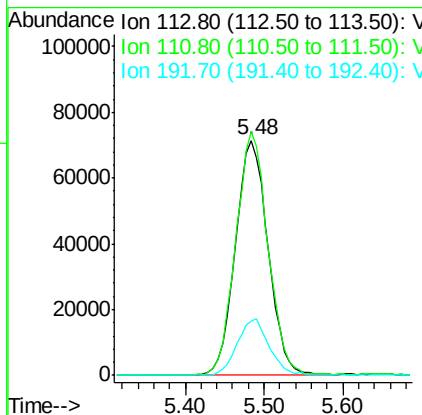
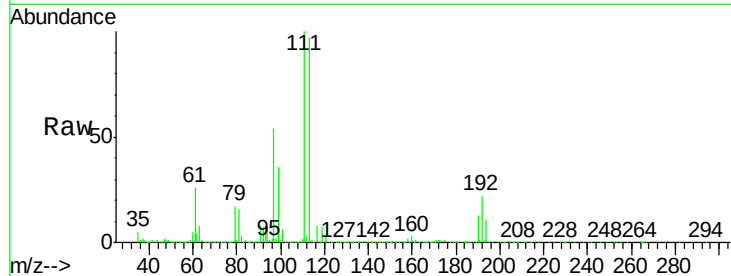
ClientSampleId :

VX0219WBS01

Tot Ion:	113	Resp:	204867
Ion Ratio	Lower	Upper	
113	100		
111	102.4	82.4	123.6
192	23.7	19.1	28.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 18.480 ug/l

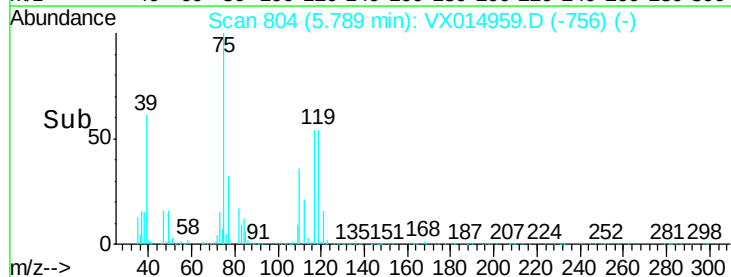
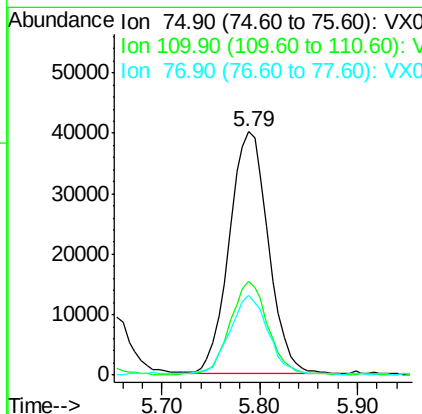
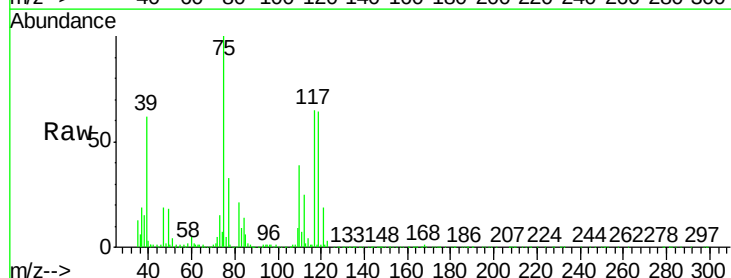
RT: 5.79 min Scan# 804

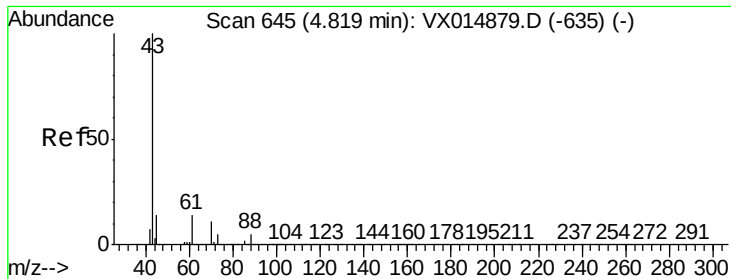
Delta R.T. -0.01 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

Tgt Ion:	75	Resp:	110666
Ion Ratio	Lower	Upper	
75	100		
110	37.5	18.3	54.8
77	32.0	24.6	36.8





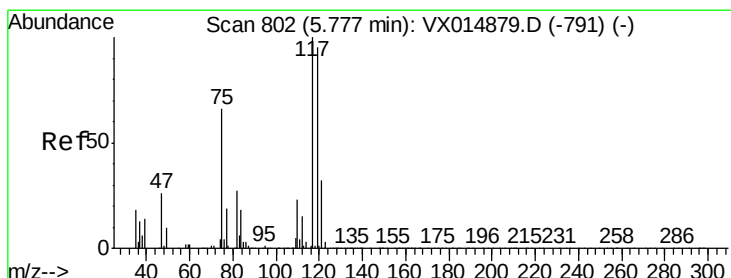
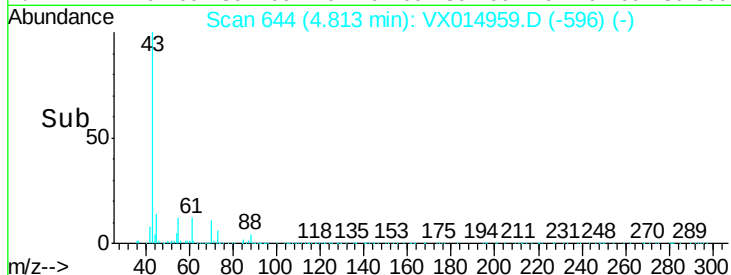
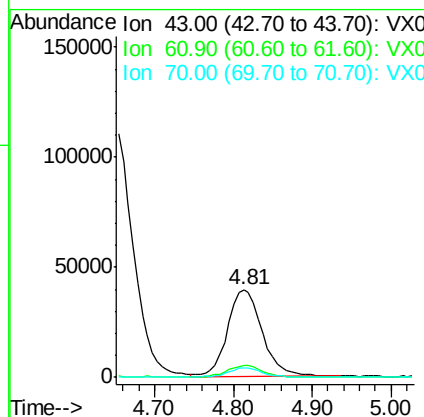
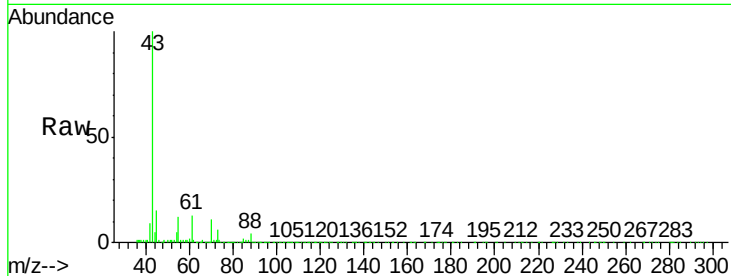
#37
Ethyl Acetate
Concen: 19.139 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014959.D
Acq: 19 Feb 2020 11:27

Instrument :
MSVOA_X
ClientSampleId :
VX0219WBS01

Tot Ion	43	Resp	119537
Ion Ratio	Lower	Upper	
43	100		
61	13.5	10.9	16.3
70	11.5	8.7	13.1

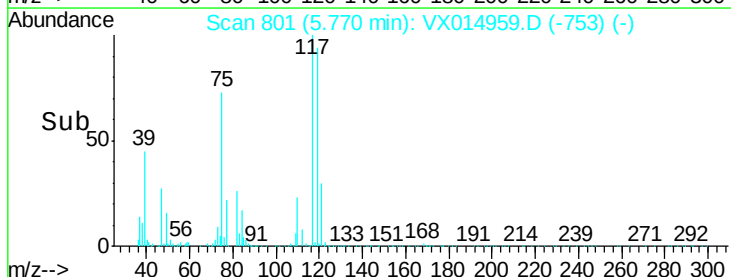
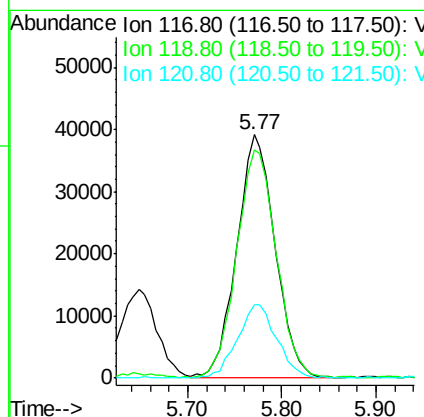
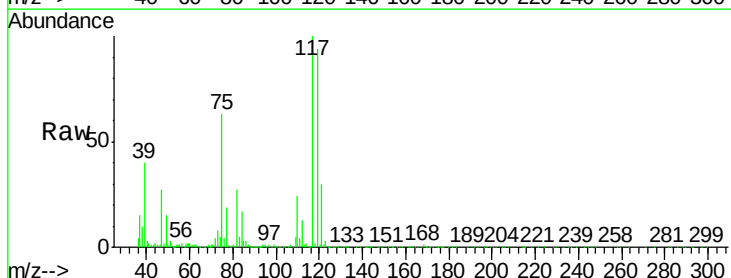
Manual Integrations
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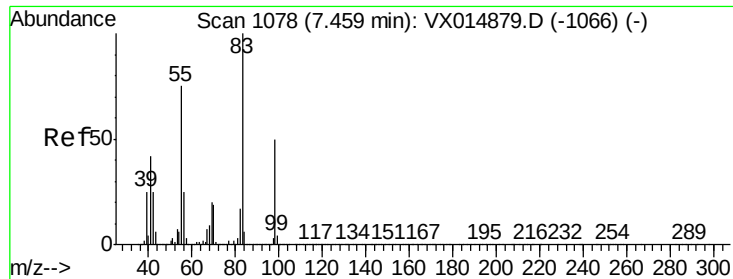
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#38
Carbon Tetrachloride
Concen: 18.917 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014959.D
Acq: 19 Feb 2020 11:27

Tgt Ion	117	Resp	110398
Ion Ratio	Lower	Upper	
117	100		
119	93.9	76.0	114.0
121	30.2	25.4	38.2





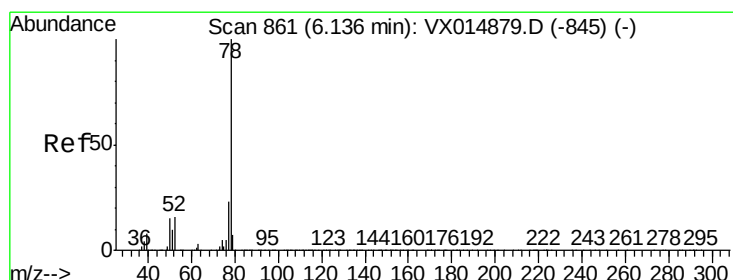
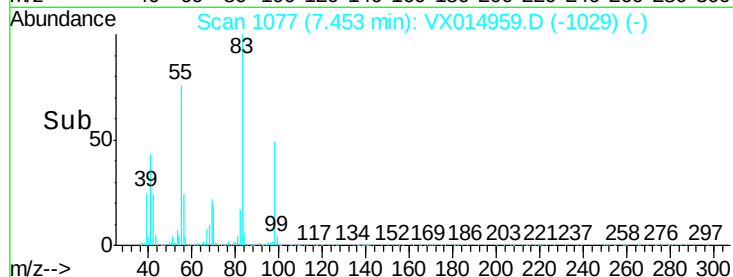
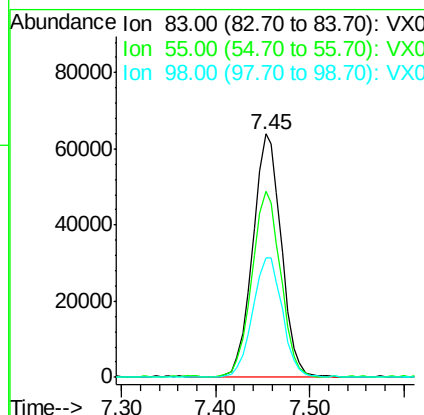
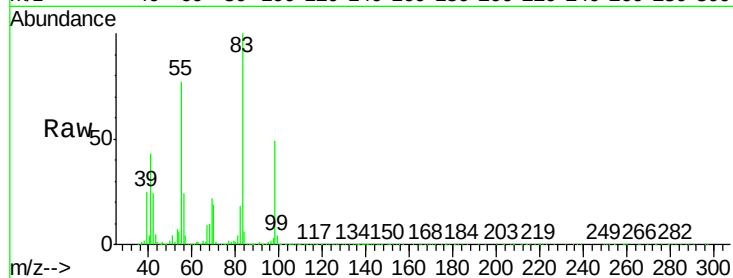
#39
Methylvlcyclohexane
Concen: 18.195 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014959.D
Acq: 19 Feb 2020 11:27

Instrument :
MSVOA_X
ClientSampleId :
VX0219WBS01

Tot Ion	83	Resp	136268
Ion Ratio	Lower	Upper	
83	100		
55	76.3	60.0	90.0
98	48.7	39.6	59.4

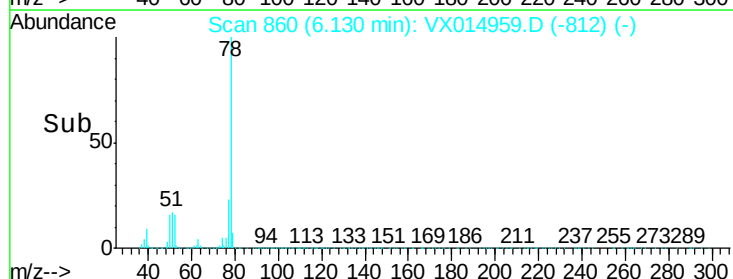
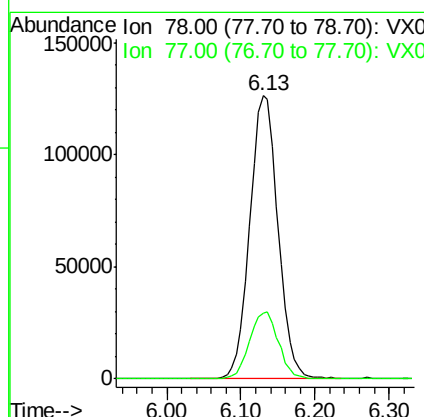
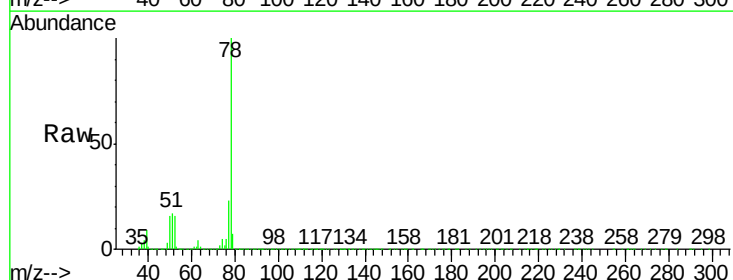
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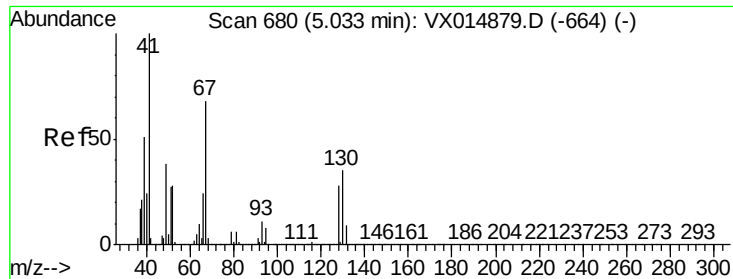
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#40
Benzene
Concen: 18.763 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014959.D
Acq: 19 Feb 2020 11:27

Tgt Ion	78	Resp	335711
Ion Ratio	Lower	Upper	
78	100		
77	23.0	18.8	28.2





#41

Methacrylonitrile

Concen: 19.321 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.01 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

Instrument :

MSVOA_X

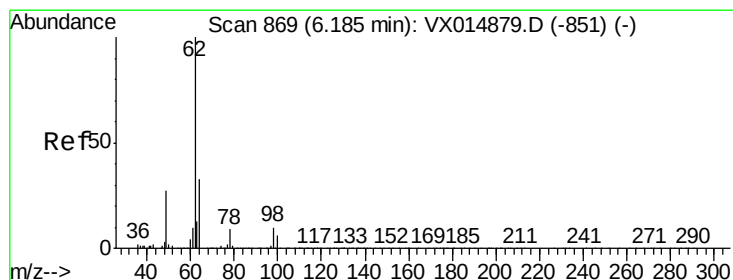
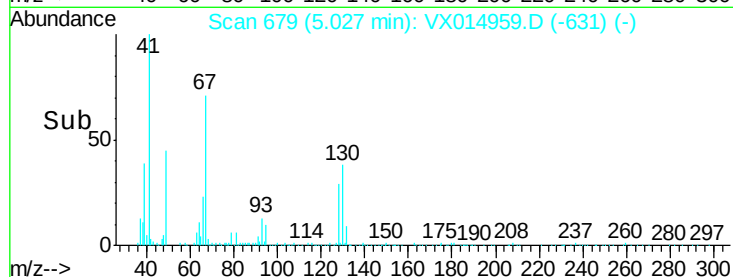
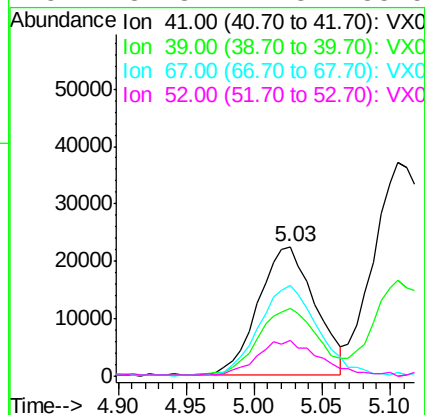
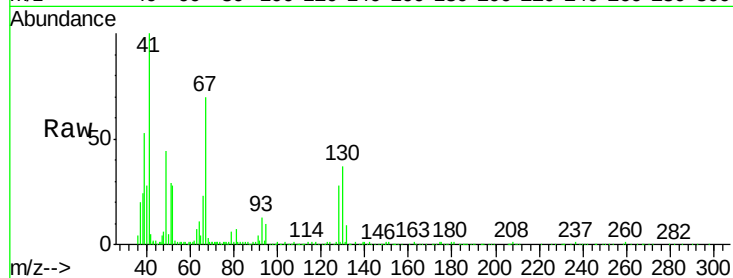
ClientSampleId :

VX0219WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.4	44.7	67.1	
67	74.2	56.6	84.8	
52	31.8	22.3	33.5	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 19.199 ug/l

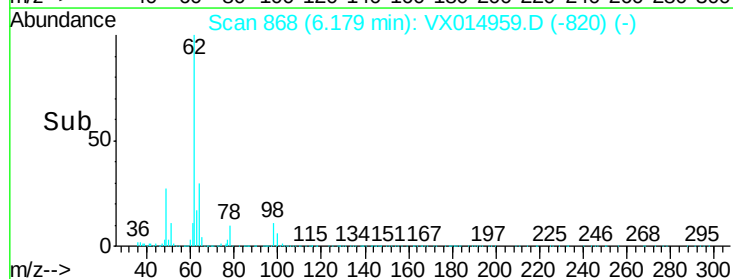
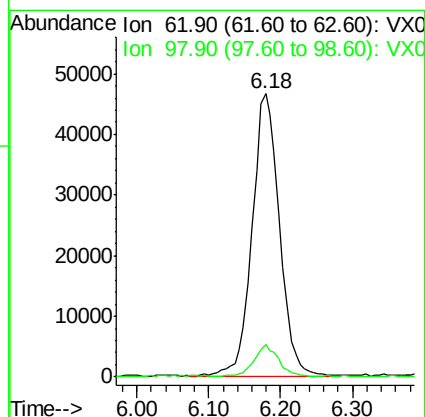
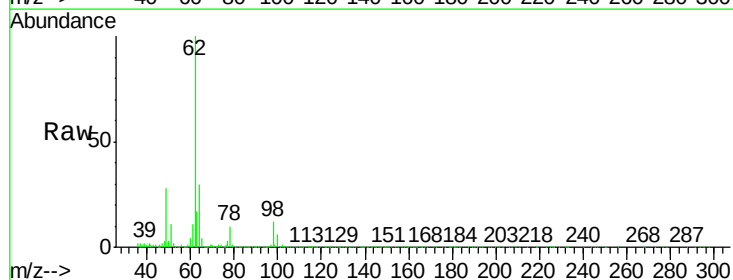
RT: 6.18 min Scan# 868

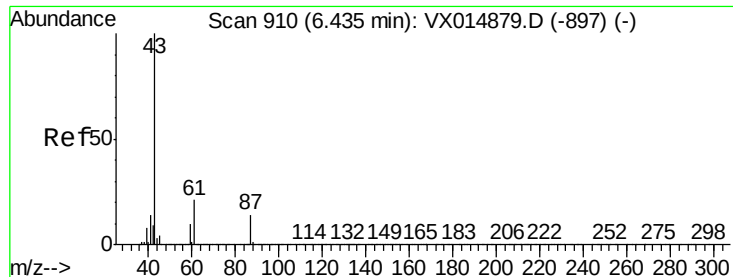
Delta R.T. -0.01 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.6	0.0	19.2	





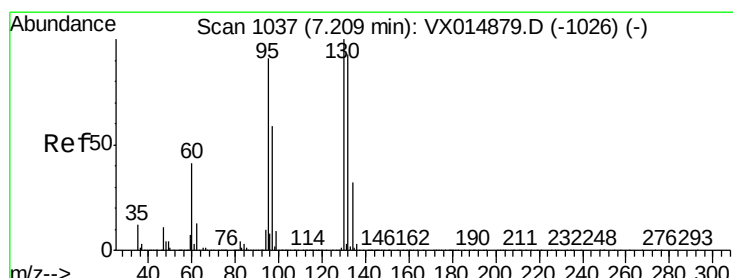
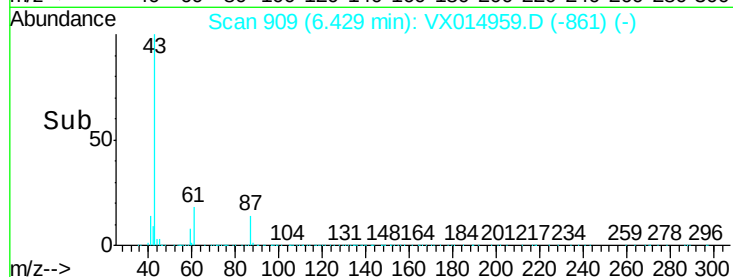
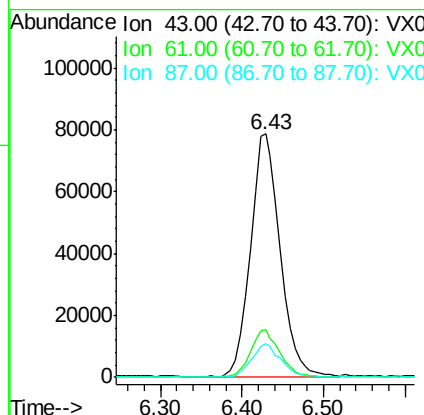
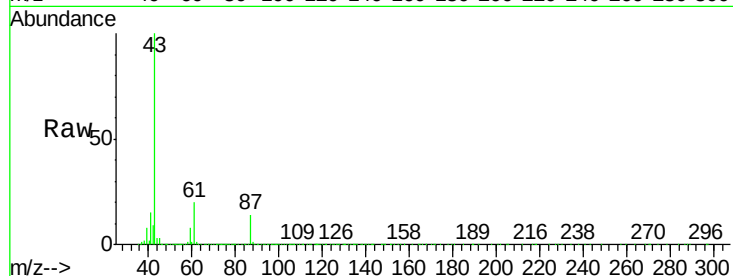
#43
Isopropyl Acetate
Concen: 19.222 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX014959.D
Acq: 19 Feb 2020 11:27

Instrument :
MSVOA_X
ClientSampleId :
VX0219WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.2	16.2	24.4
87	13.4	11.0	16.6

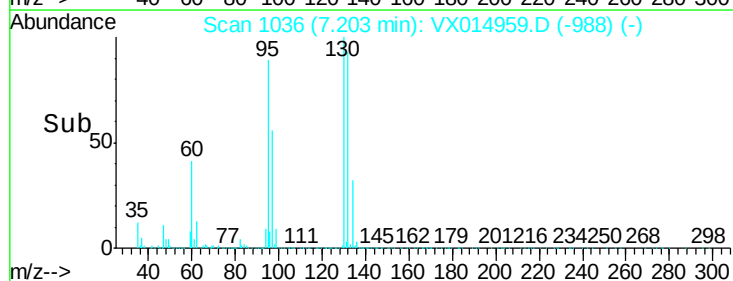
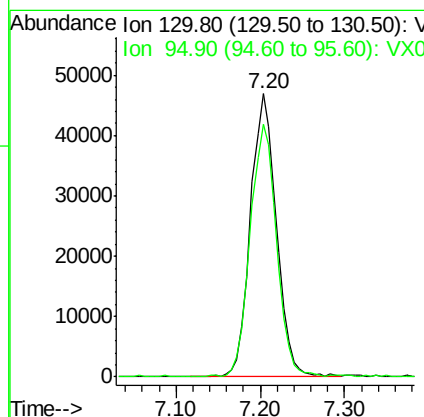
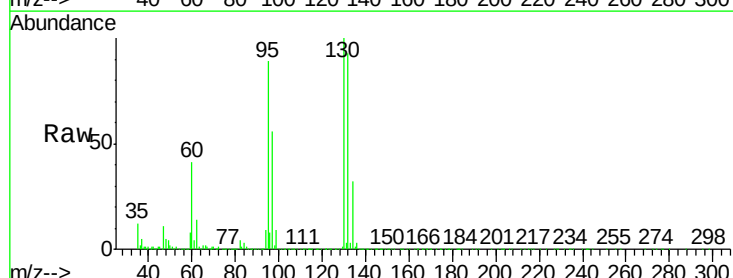
Manual Integrations
APPROVED

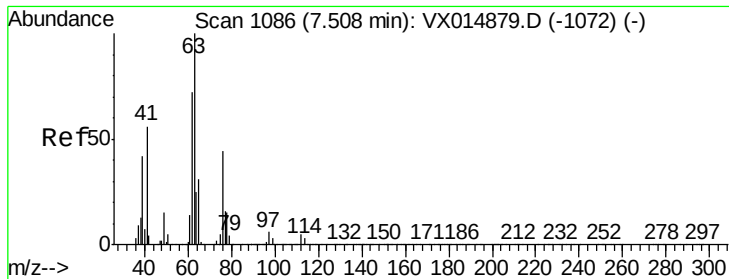
MMDadoda
2/20/2020 1:41:26 PM



#44
Trichloroethene
Concen: 18.787 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. -0.01 min
Lab File: VX014959.D
Acq: 19 Feb 2020 11:27

Tgt Ion	Ratio	Lower	Upper
130	100		
95	89.1	0.0	182.6





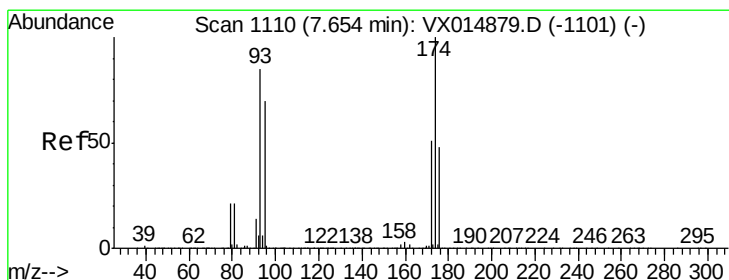
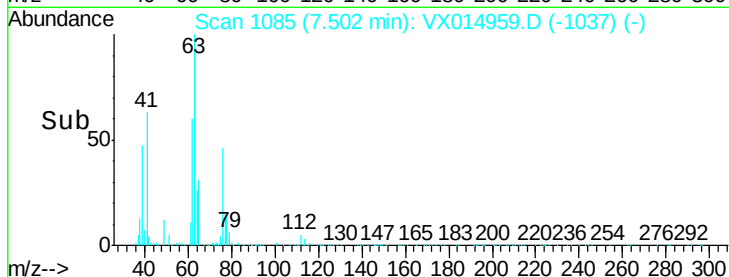
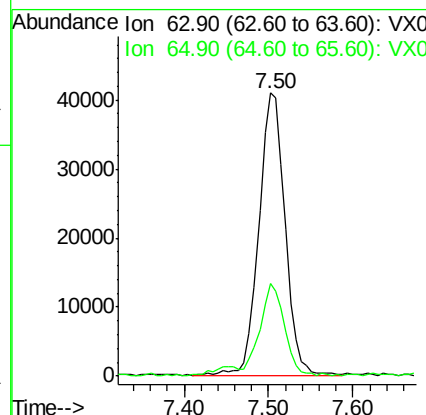
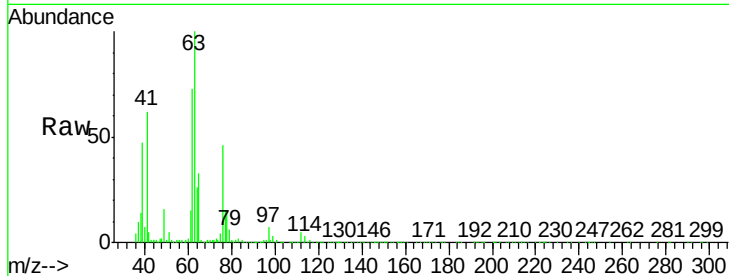
#45
 1,2-Dichloropropane
 Concen: 18.970 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014959.D
 Acq: 19 Feb 2020 11:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0219WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.6	24.9	37.3

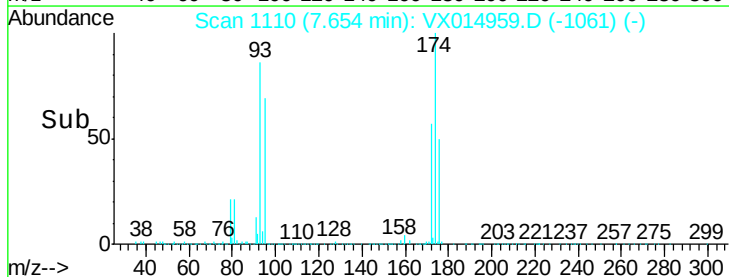
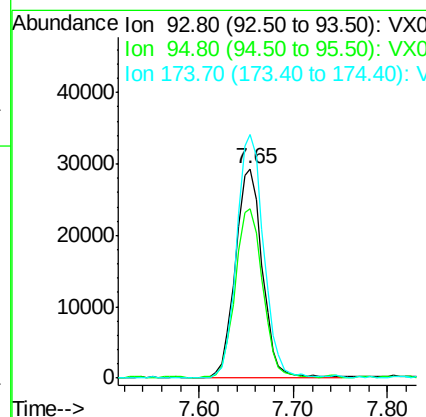
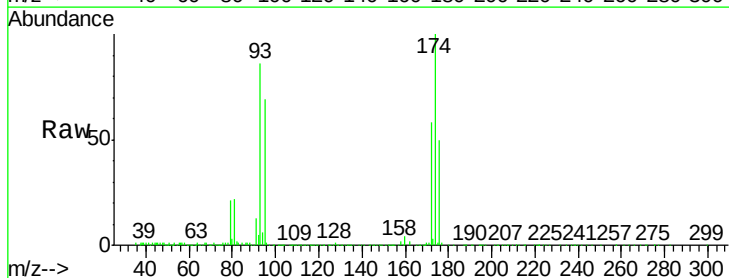
Manual Integrations
 APPROVED

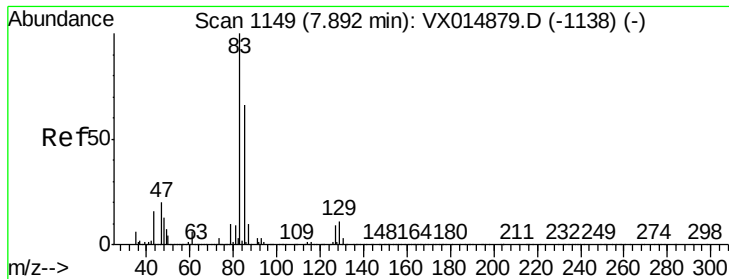
MMDadoda
 2/20/2020 1:41:26 PM



#46
 Dibromomethane
 Concen: 18.585 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX014959.D
 Acq: 19 Feb 2020 11:27

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.7	65.8	98.8
174	116.0	95.4	143.2





#47

Bromodichloromethane

Concen: 18.367 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

Instrument :

MSVOA_X

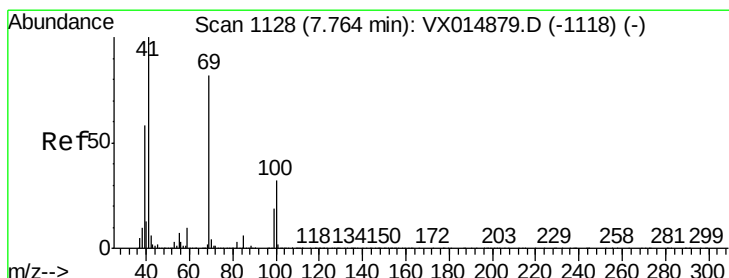
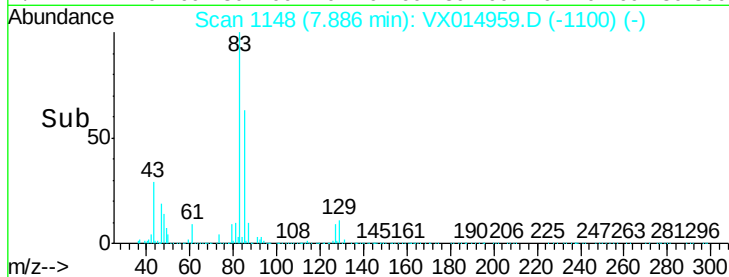
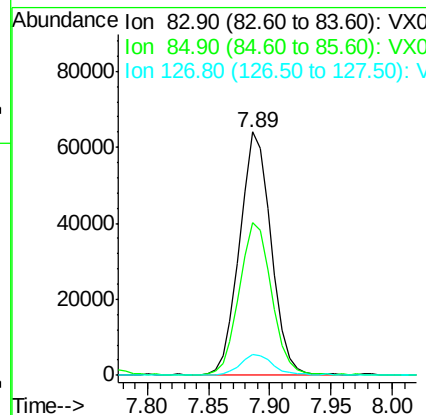
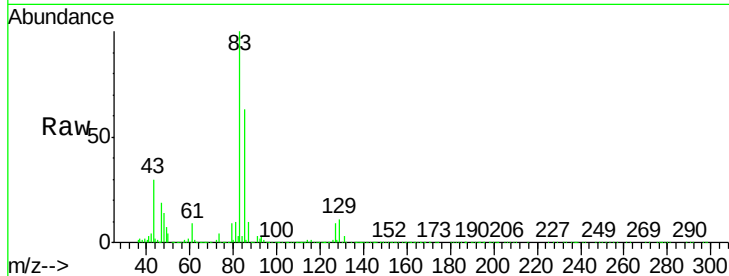
ClientSampleId :

VX0219WBS01

Tot Ion:	83	Resp:	113589
Ion Ratio	Lower	Upper	
83	100		
85	62.3	52.5	78.7
127	8.4	7.4	11.0

Manual Integrations
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2/20/2020 1:41:26 PM



#48

Methyl methacrylate

Concen: 19.054 ug/l

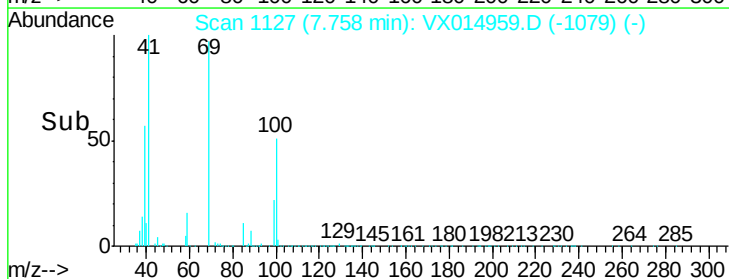
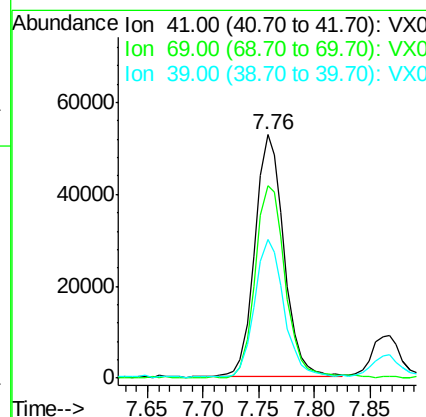
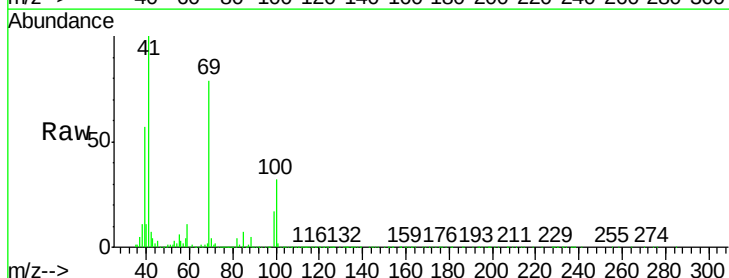
RT: 7.76 min Scan# 1127

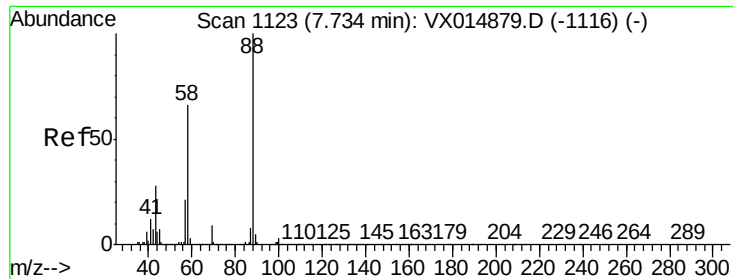
Delta R.T. -0.01 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

Tgt Ion:	41	Resp:	96611
Ion Ratio	Lower	Upper	
41	100		
69	82.1	65.7	98.5
39	57.1	45.8	68.8





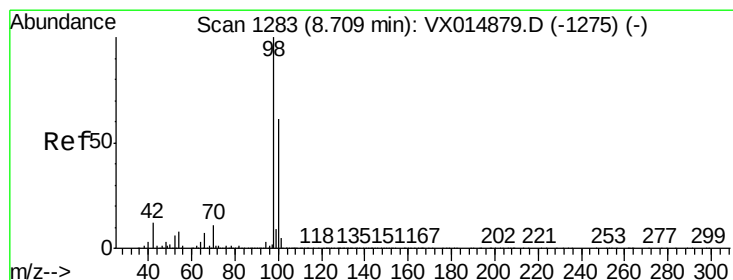
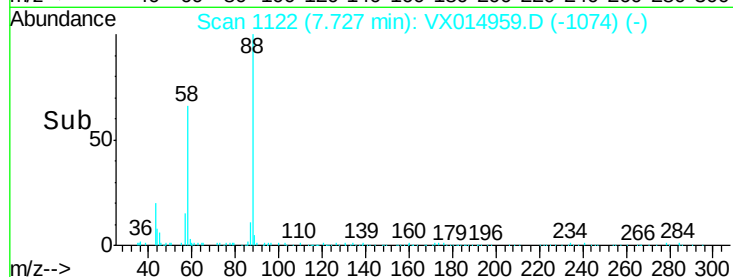
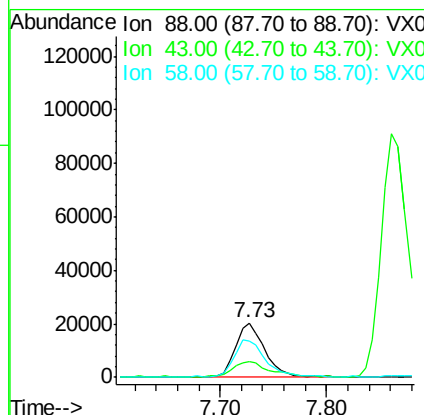
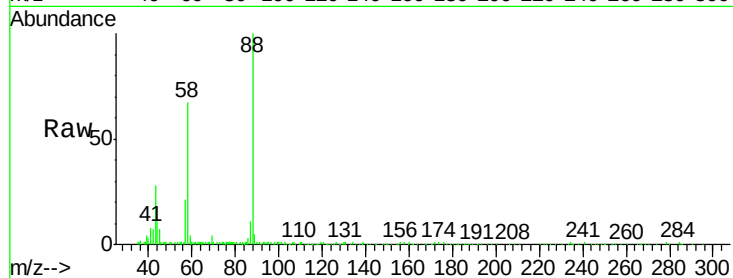
#49
1,4-Dioxane
Concen: 405.421 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX014959.D
Acq: 19 Feb 2020 11:27

Instrument :
MSVOA_X
ClientSampleId :
VX0219WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	39.7	27.0	40.4
58	72.3	53.2	79.8

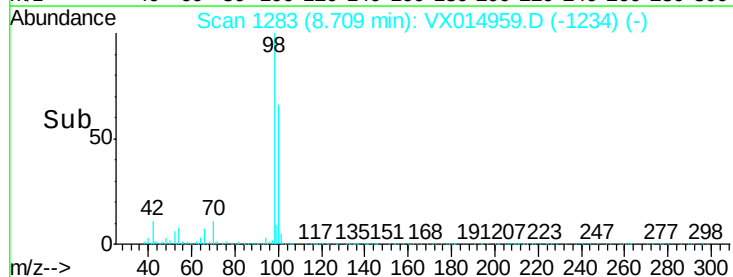
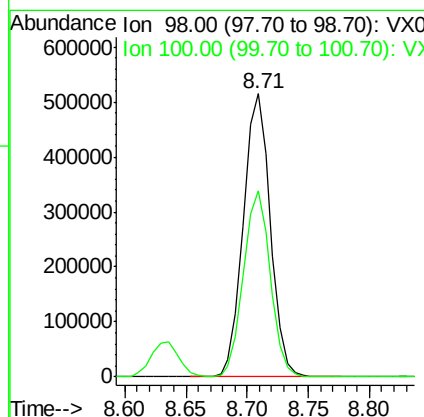
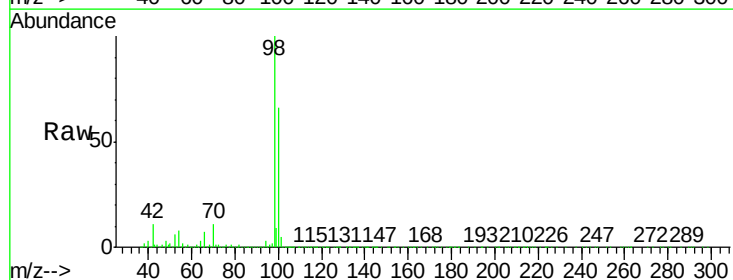
Manual Integrations
APPROVED

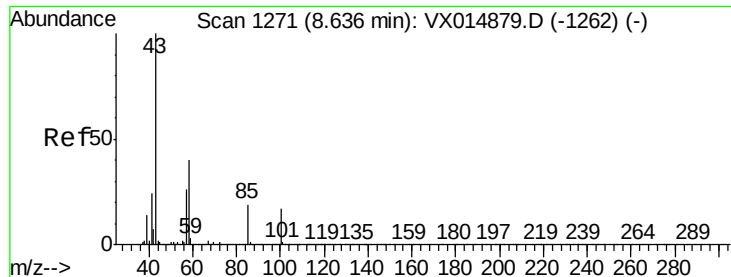
MMDadoda
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#50
Toluene-d8
Concen: 50.132 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX014959.D
Acq: 19 Feb 2020 11:27

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 98.918 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

Instrument :

MSVOA_X

ClientSampleId :

VX0219WBS01

Tot Ion: 43 Resp: 615394

Ion Ratio Lower Upper

43 100

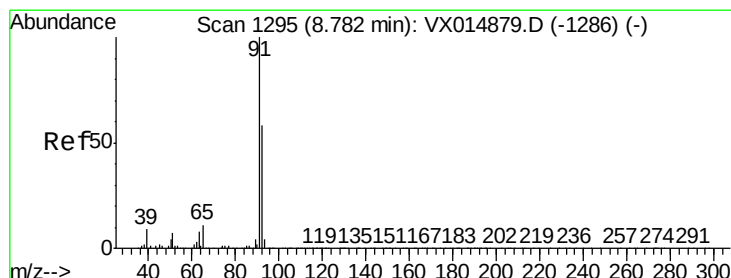
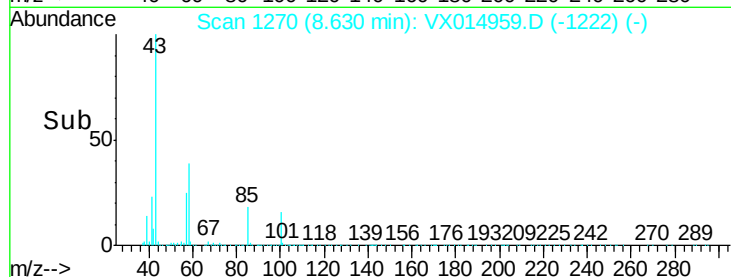
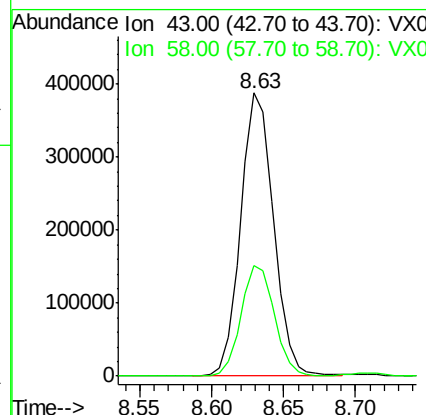
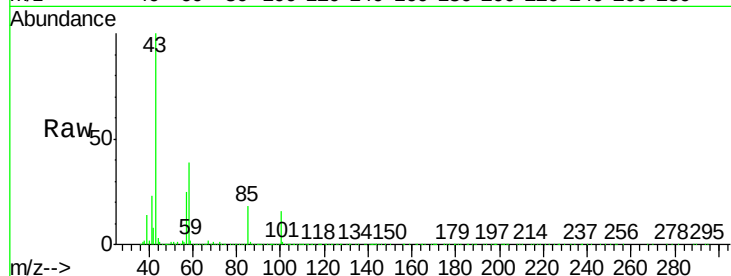
58 39.4 31.9 47.9

Manual Integrations

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#52

Toluene

Concen: 18.927 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014959.D

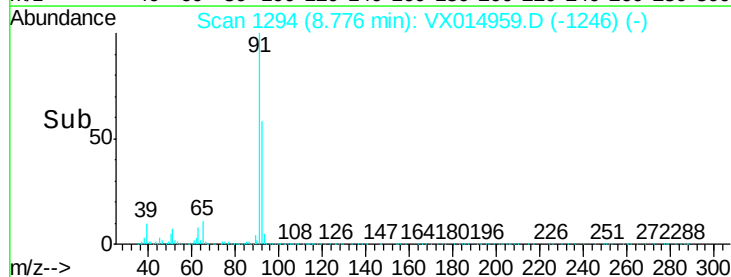
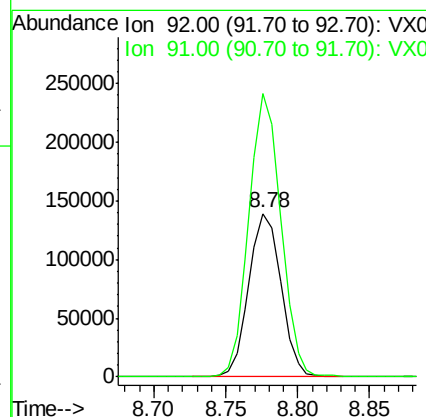
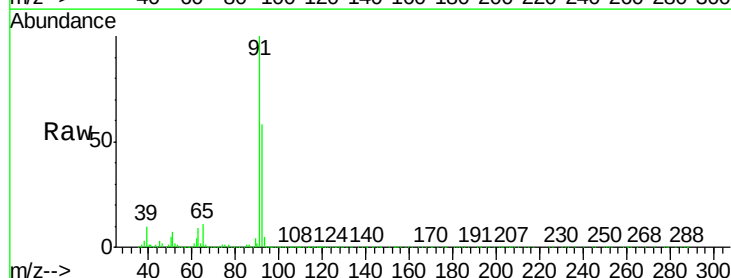
Acq: 19 Feb 2020 11:27

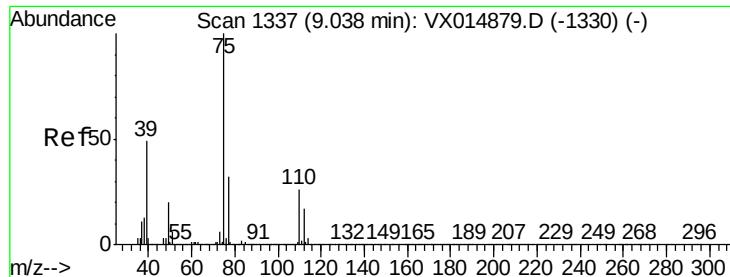
Tgt Ion: 92 Resp: 215090

Ion Ratio Lower Upper

92 100

91 172.8 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 18.606 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

Instrument :

MSVOA_X

ClientSampleId :

VX0219WBS01

Tot Ion: 75 Resp: 126109

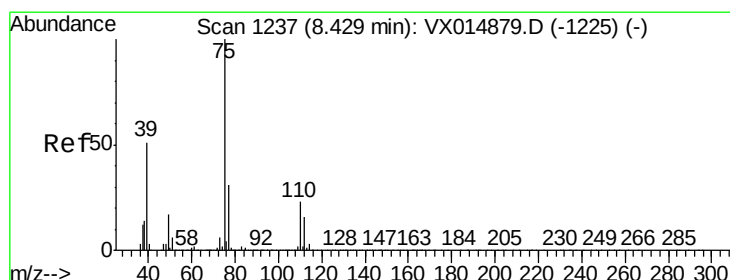
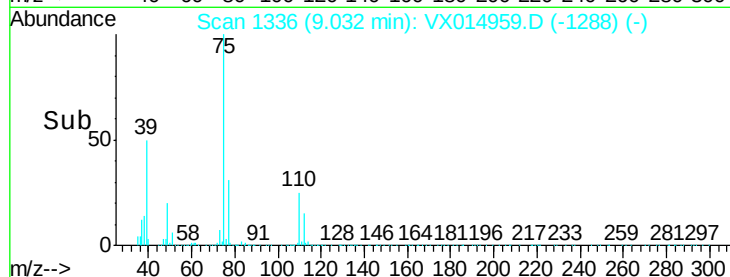
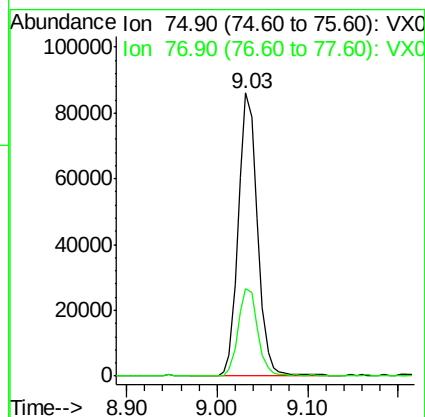
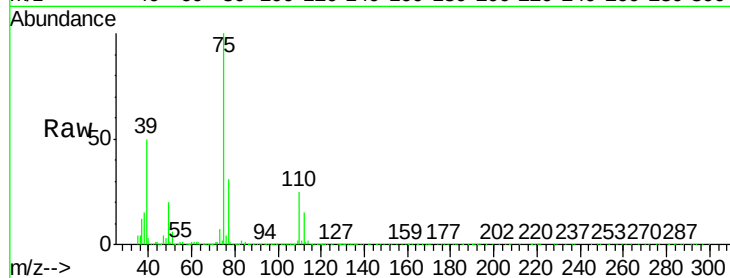
Ion Ratio Lower Upper

75 100

77 30.9 25.5 38.3

Manual Integrations
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#54

cis-1,3-Dichloropropene

Concen: 18.306 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

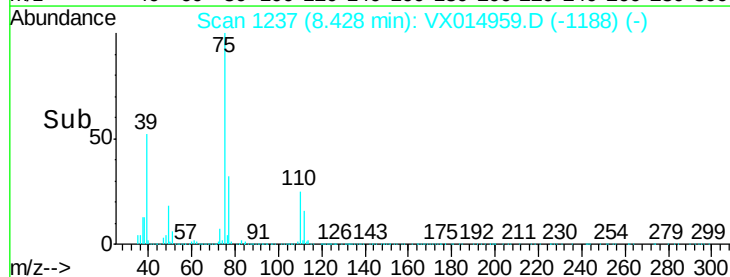
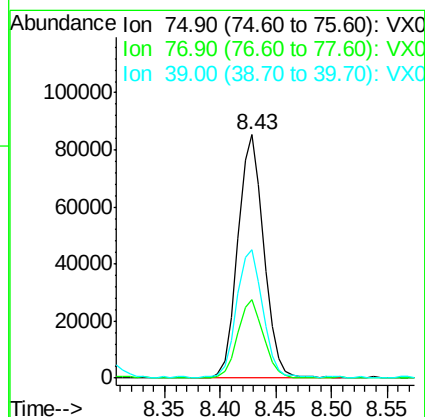
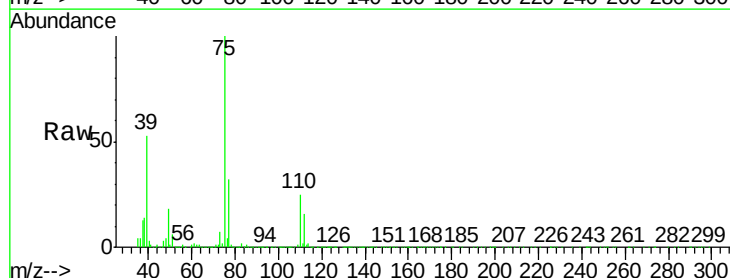
Tgt Ion: 75 Resp: 137068

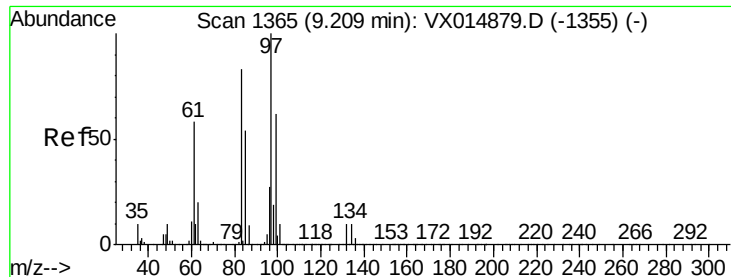
Ion Ratio Lower Upper

75 100

77 32.3 24.6 37.0

39 52.2 40.9 61.3





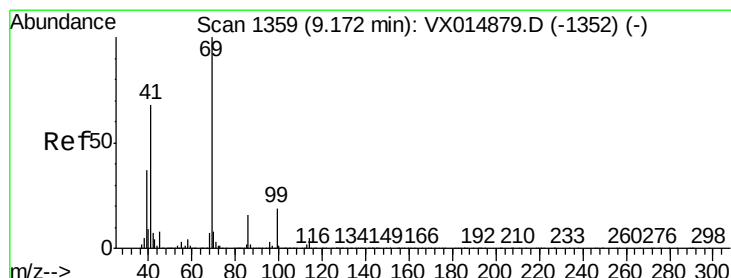
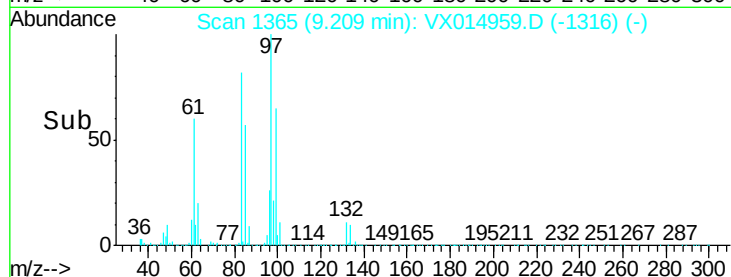
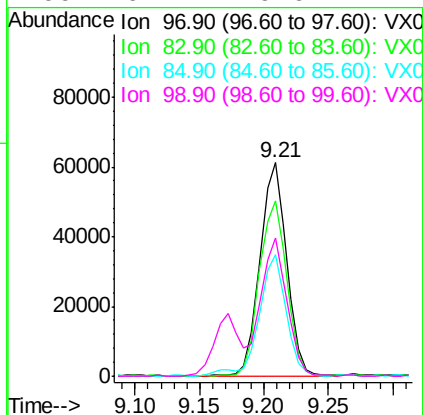
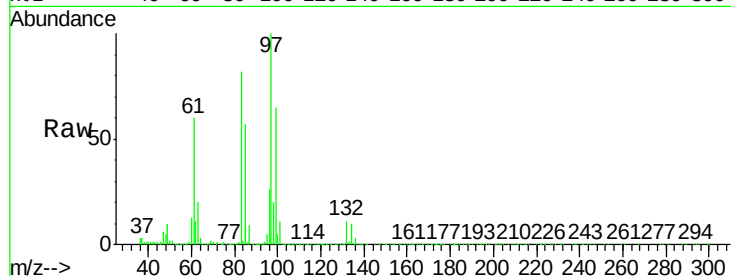
#55
 1,1,2-Trichloroethane
 Concen: 19.100 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX014959.D
 Acq: 19 Feb 2020 11:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0219WBS01

Tot Ion	Ion	Ratio	Resp: Lower	Upper
97	100			
83	82.2	66.6	99.8	
85	56.9	43.5	65.3	
99	64.7	49.6	74.4	

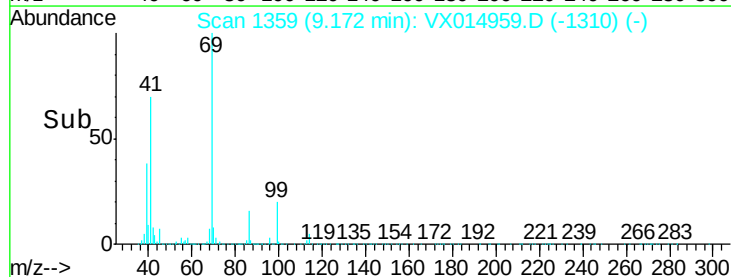
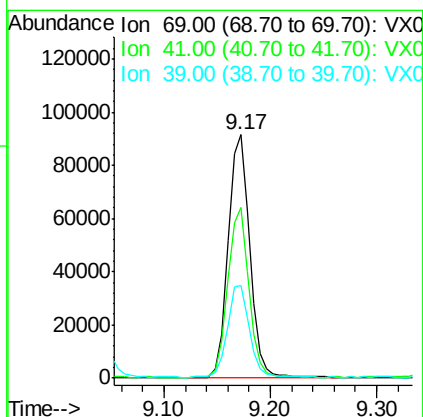
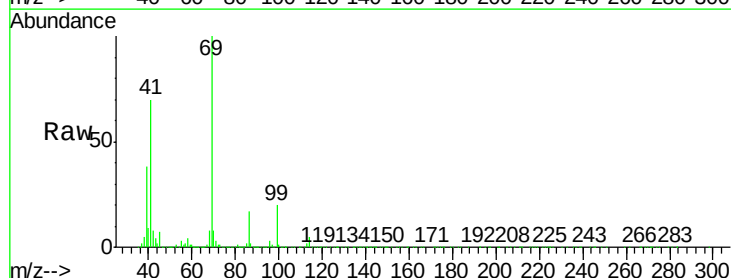
Manual Integrations
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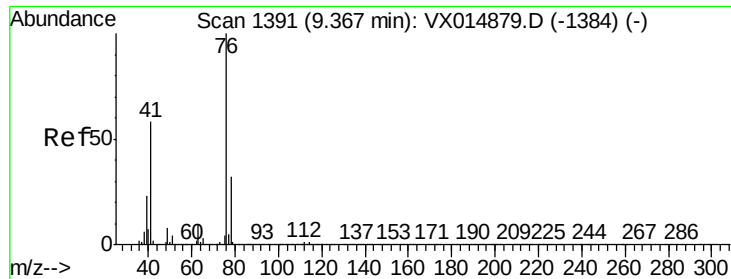
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 19.036 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX014959.D
 Acq: 19 Feb 2020 11:27

Tgt Ion	Ion	Ratio	Resp: Lower	Upper
69	100			
41	68.0	54.8	82.2	
39	38.2	29.9	44.9	





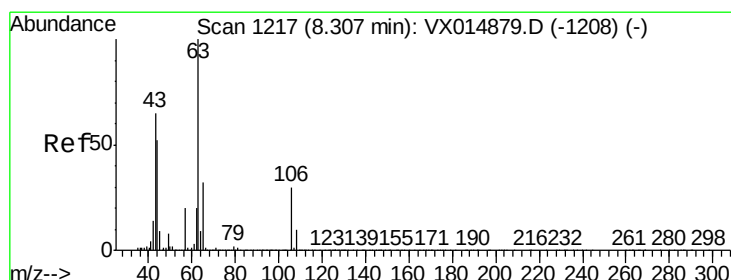
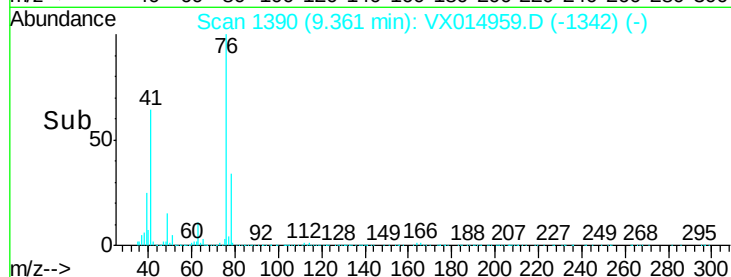
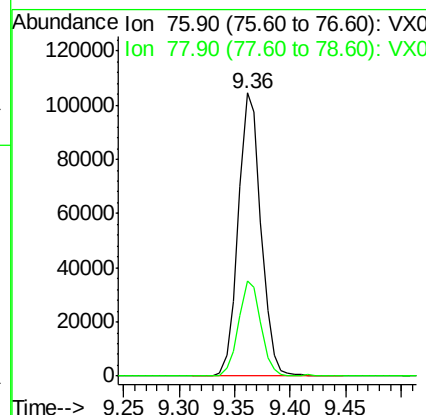
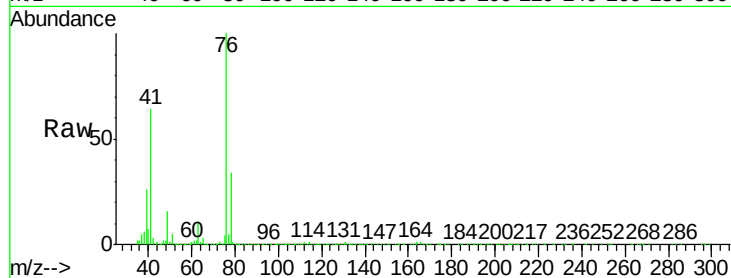
#57
 1,3-Dichloropropane
 Concen: 19.069 ug/l
 RT: 9.36 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: VX014959.D
 Acq: 19 Feb 2020 11:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0219WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.1	25.8	38.8

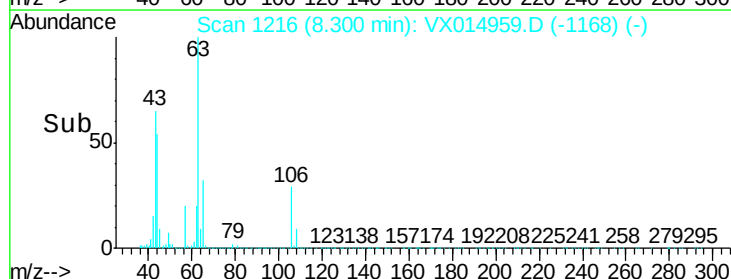
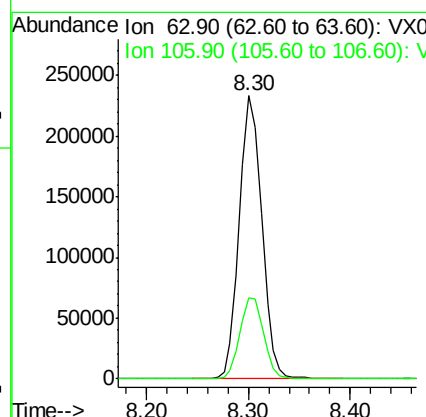
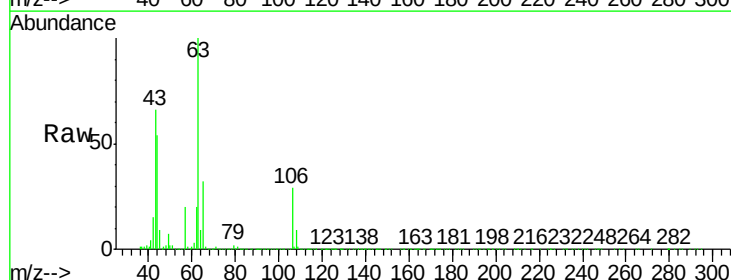
Manual Integrations
 APPROVED

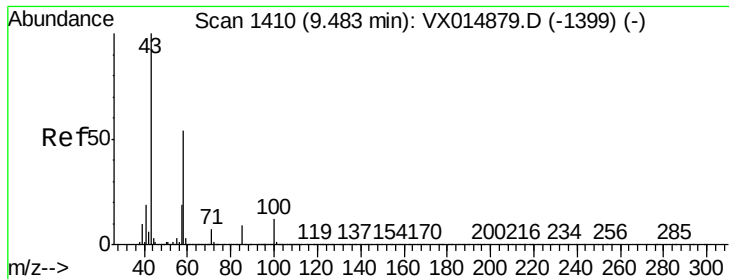
MMDadoda
 2/20/2020 1:41:26 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 98.502 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX014959.D
 Acq: 19 Feb 2020 11:27

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.8	23.8	35.8





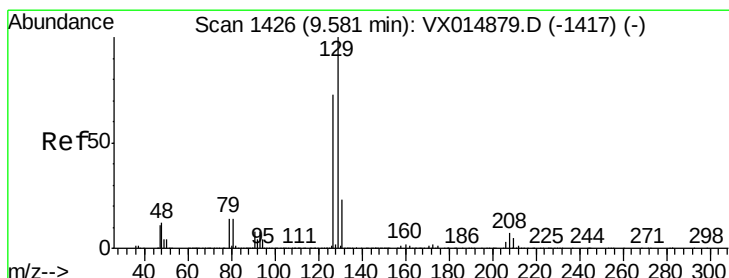
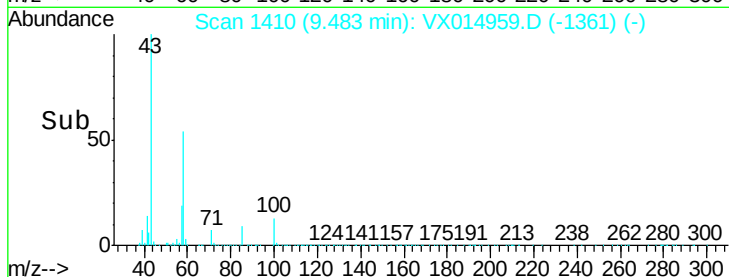
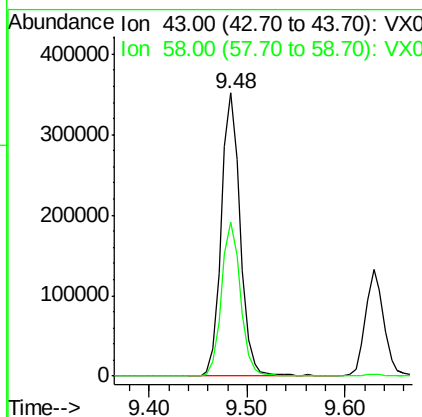
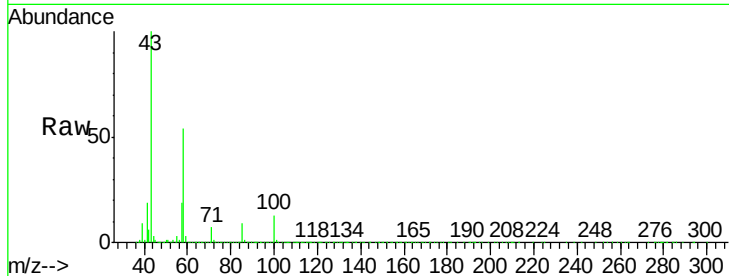
#59
2-Hexanone
Concen: 96.355 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX014959.D
Acq: 19 Feb 2020 11:27

Instrument :
MSVOA_X
ClientSampleId :
VX0219WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.4	27.5	82.5

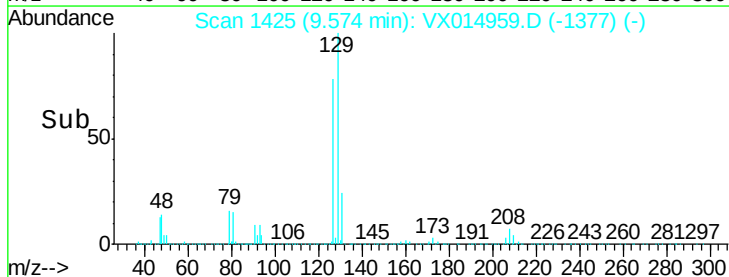
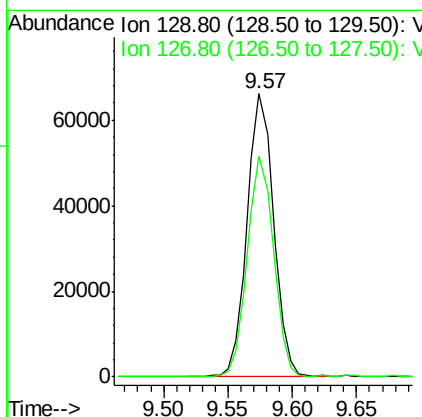
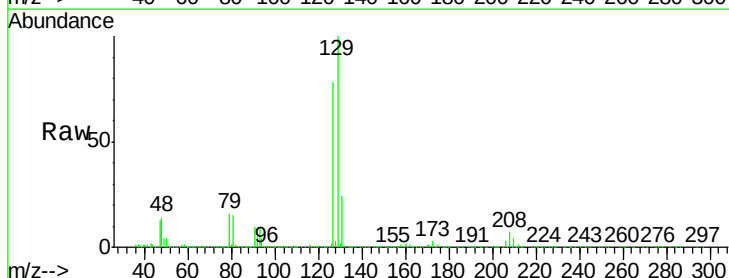
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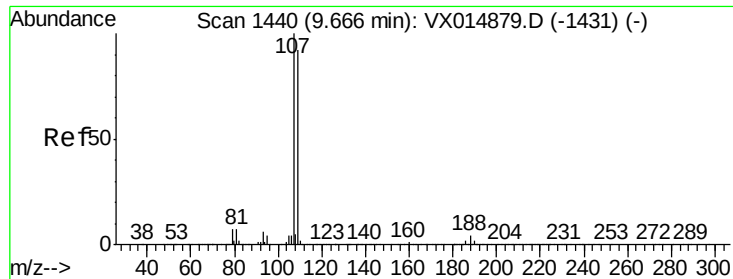
MMDadoda
2/20/2020 1:41:26 PM



#60
Dibromochloromethane
Concen: 18.906 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014959.D
Acq: 19 Feb 2020 11:27

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.4	37.8	113.3





#61

1,2-Dibromoethane

Concen: 18.644 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

Instrument :

MSVOA_X

ClientSampleId :

VX0219WBS01

Tot Ion:107 Resp: 92489

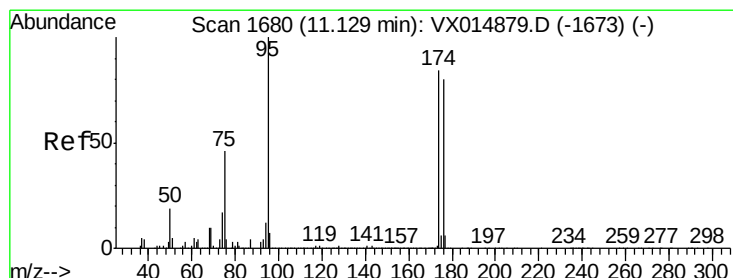
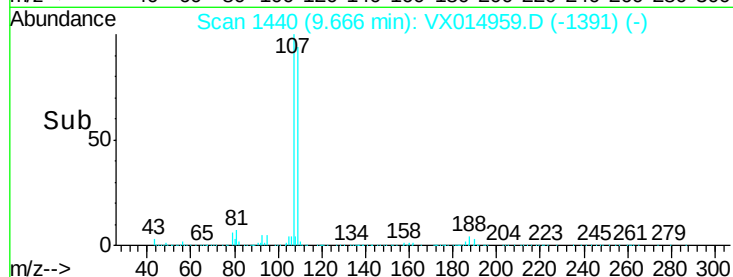
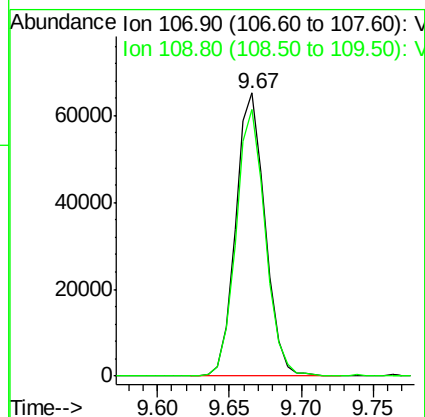
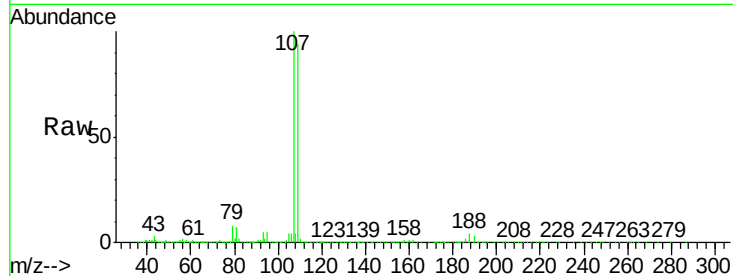
Ion Ratio Lower Upper

107 100

109 94.2 75.6 113.4

Manual Integrations
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2/20/2020 1:41:26 PM



#62

4-Bromofluorobenzene

Concen: 50.067 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

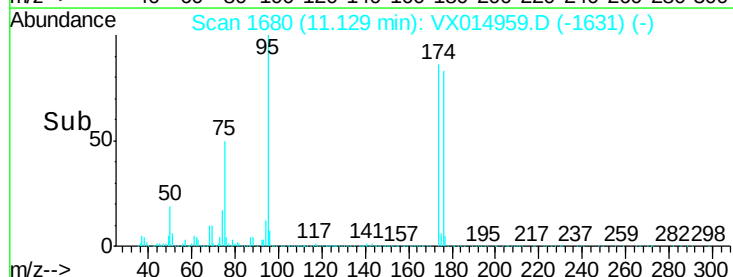
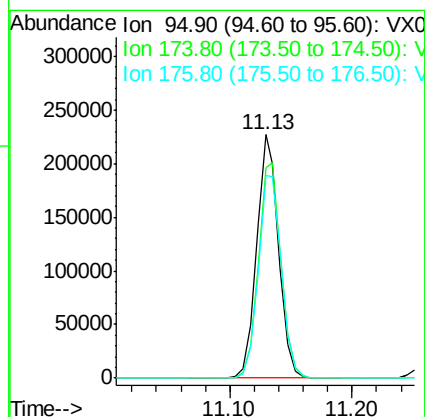
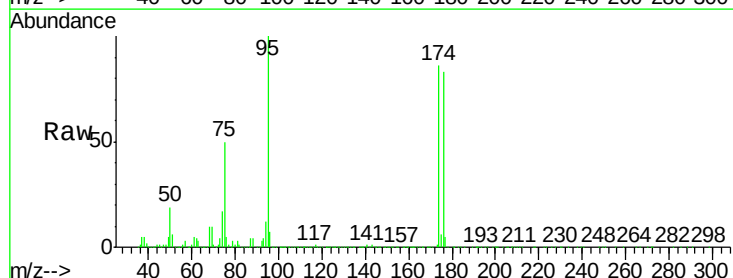
Tgt Ion: 95 Resp: 283327

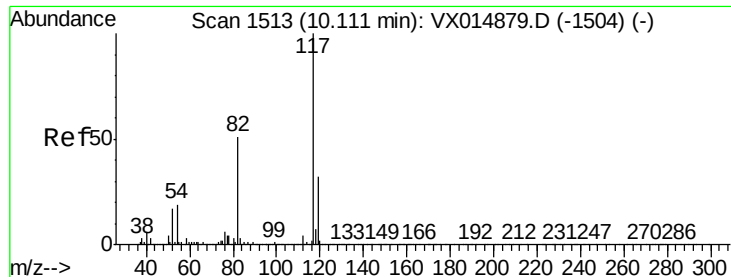
Ion Ratio Lower Upper

95 100

174 91.8 0.0 183.0

176 88.2 0.0 178.0





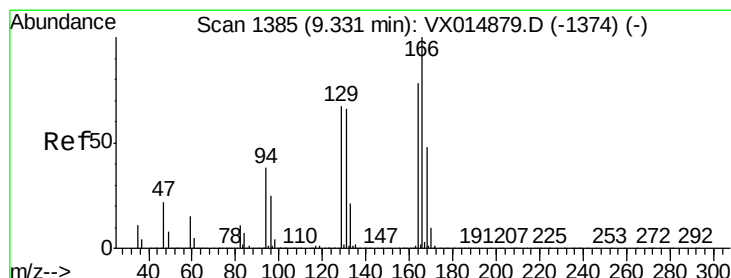
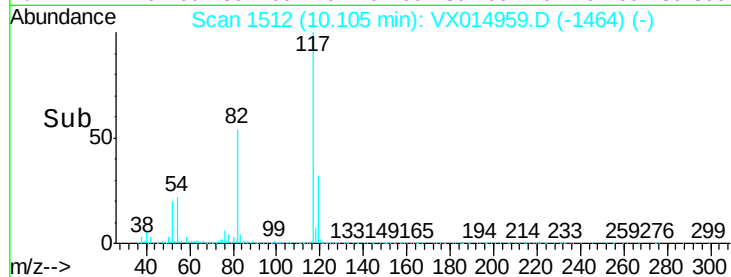
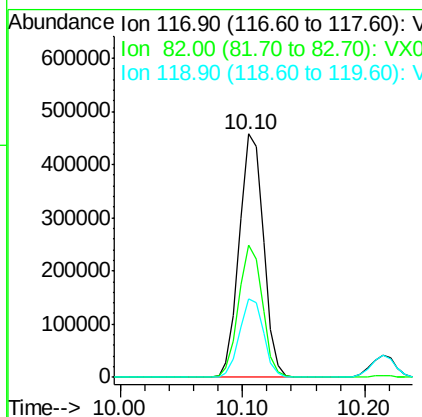
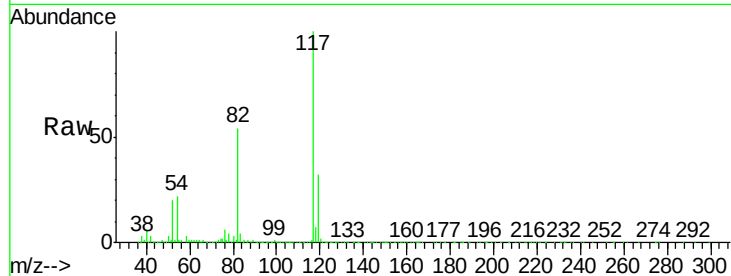
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014959.D
Acq: 19 Feb 2020 11:27

Instrument :
MSVOA_X
ClientSampleId :
VX0219WBS01

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	54.3	40.5	60.7
119	32.4	25.8	38.6

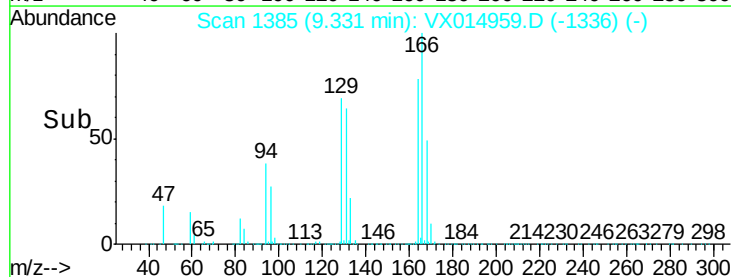
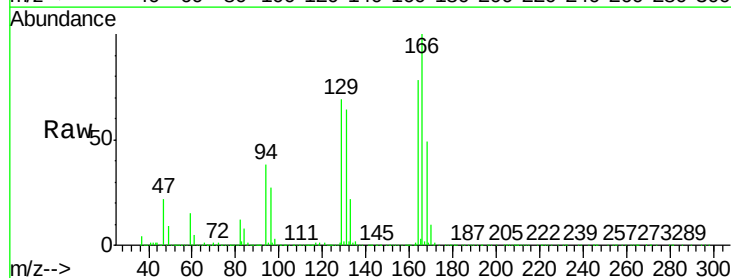
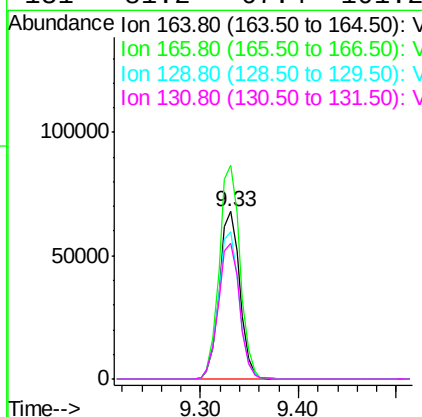
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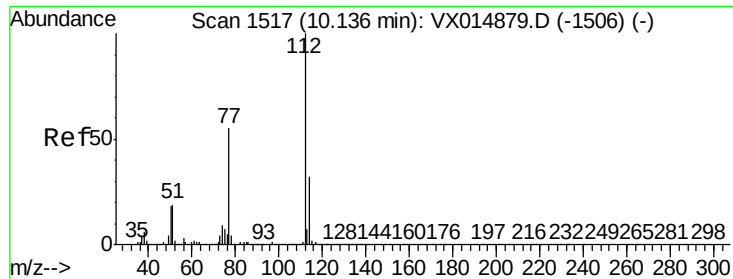
MMDadoda
2/20/2020 1:41:26 PM



#64
Tetrachloroethene
Concen: 16.917 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX014959.D
Acq: 19 Feb 2020 11:27

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
166	127.4	102.6	153.8
129	87.9	68.3	102.5
131	81.2	67.4	101.2





#65

Chlorobenzene

Concen: 18.797 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

Instrument :

MSVOA_X

ClientSampleId :

VX0219WBS01

Tot Ion:112 Resp: 239025

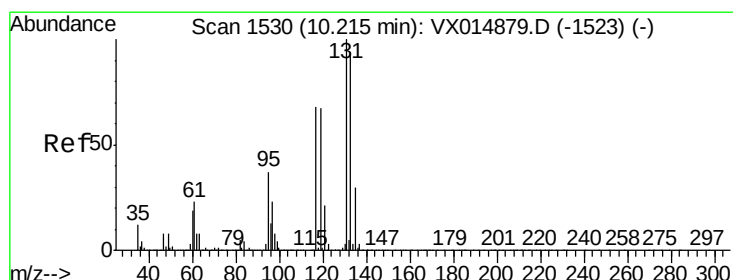
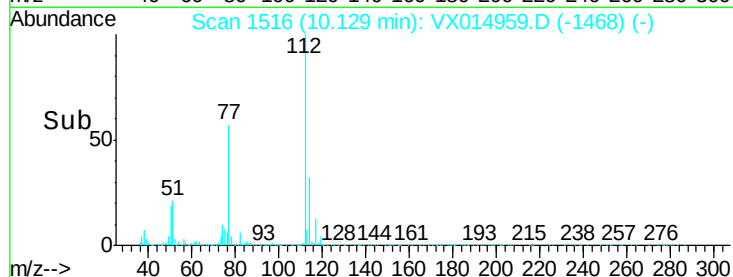
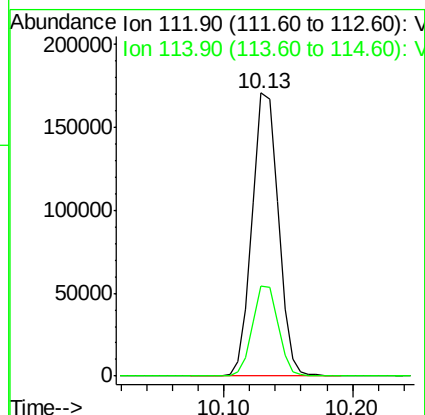
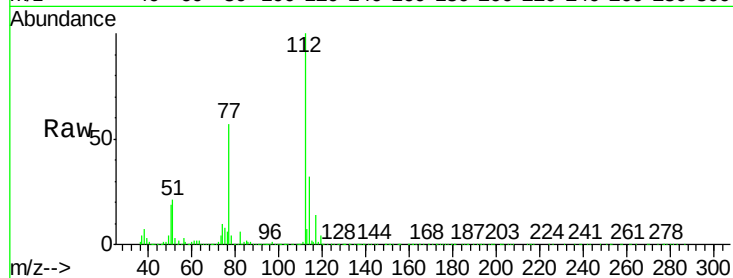
Ion Ratio Lower Upper

112 100

114 31.8 25.6 38.4

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 19.097 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

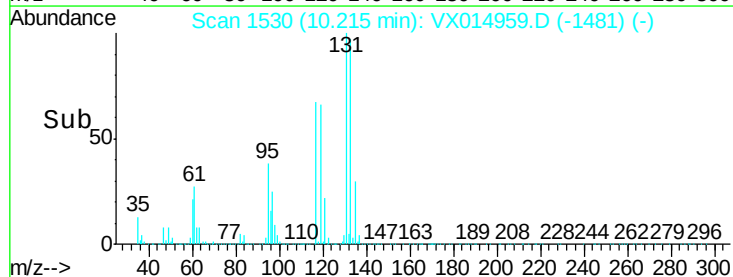
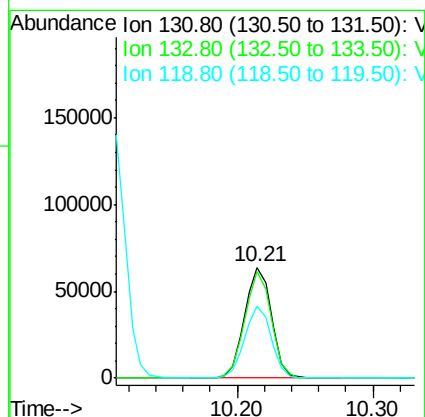
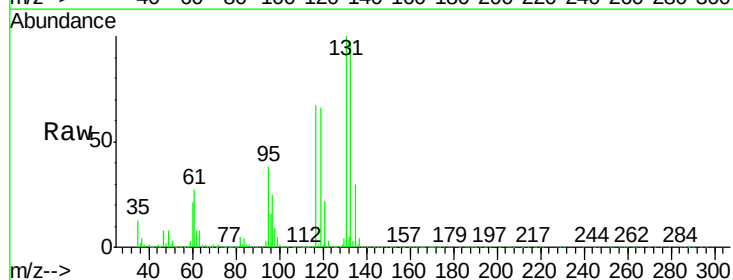
Tgt Ion:131 Resp: 88165

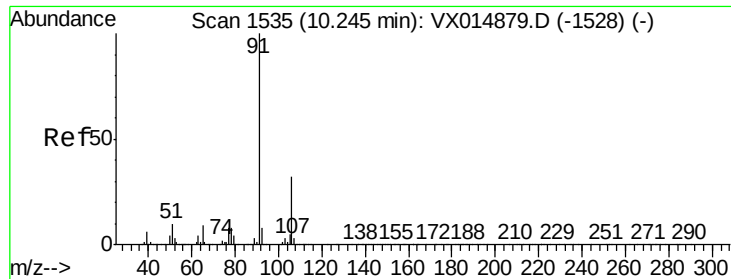
Ion Ratio Lower Upper

131 100

133 95.6 48.1 144.4

119 64.2 33.0 99.0





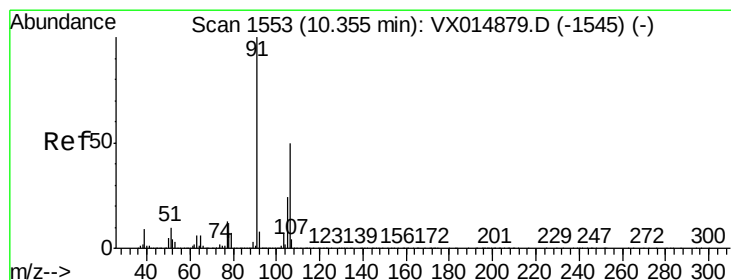
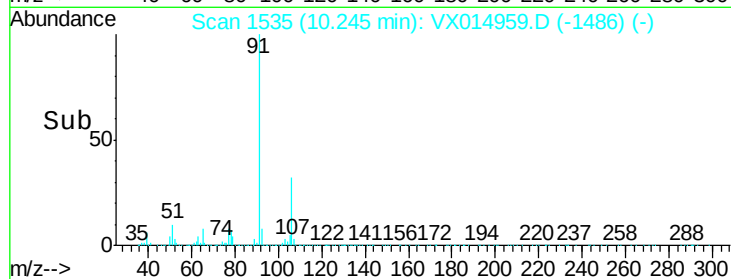
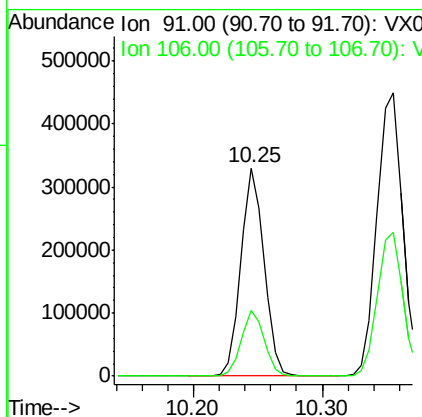
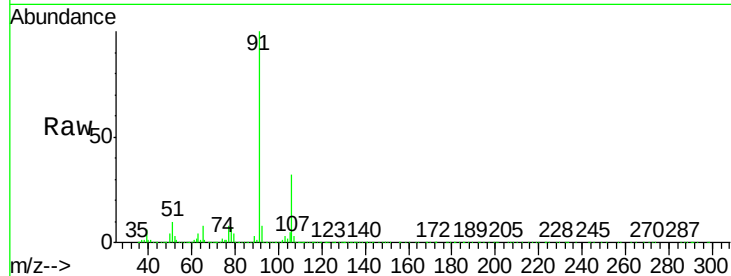
#67
Ethyl Benzene
Concen: 19.036 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX014959.D
Acq: 19 Feb 2020 11:27

Instrument :
MSVOA_X
ClientSampleId :
VX0219WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.8	25.3	37.9

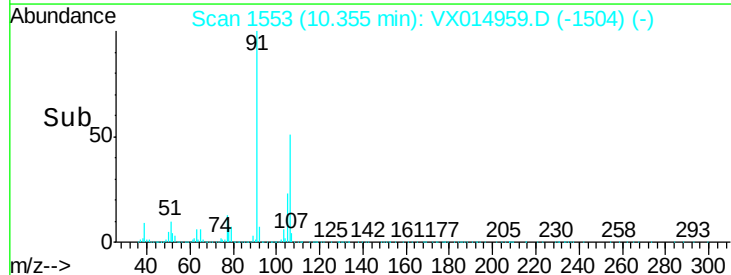
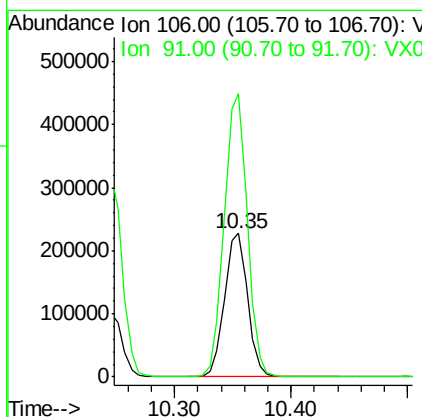
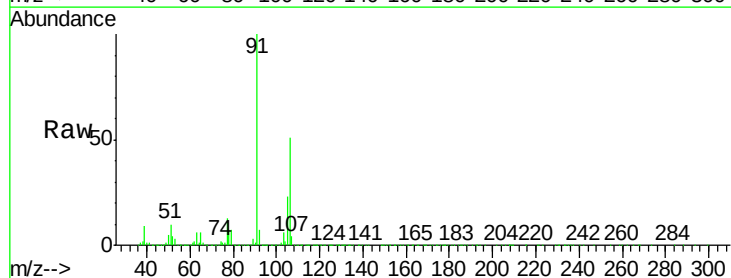
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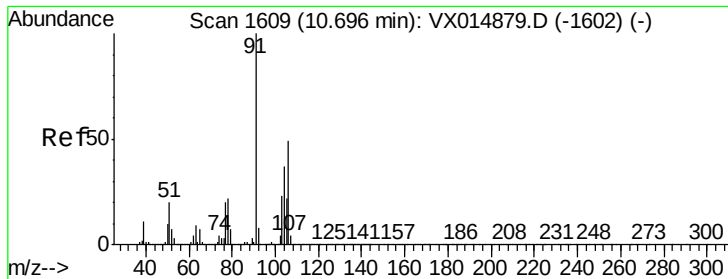
MMDadoda
2/20/2020 1:41:26 PM



#68
m/p-Xylenes
Concen: 37.419 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX014959.D
Acq: 19 Feb 2020 11:27

Tgt Ion	Ratio	Lower	Upper
106	100		
91	197.9	160.6	240.8





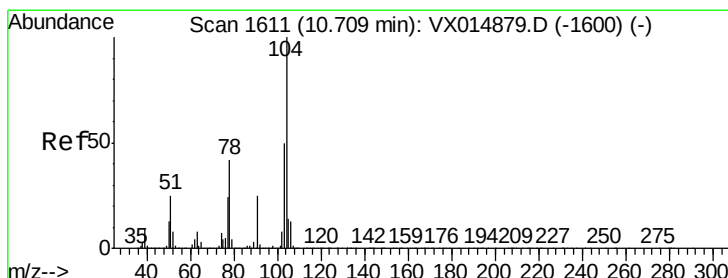
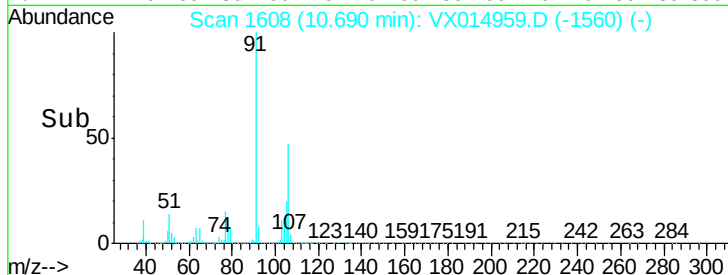
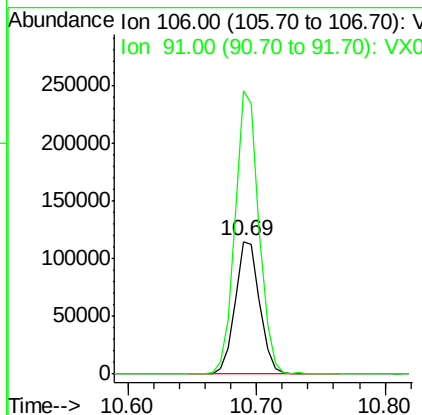
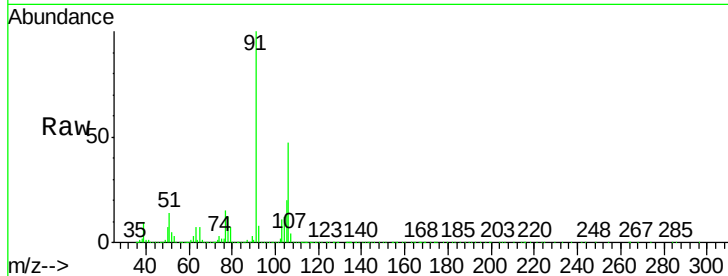
#69
o-Xylene
Concen: 18.765 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014959.D
Acq: 19 Feb 2020 11:27

Instrument :
MSVOA_X
ClientSampleId :
VX0219WBS01

Tot Ion:106 Resp: 150280
Ion Ratio Lower Upper
106 100
91 210.3 105.1 315.3

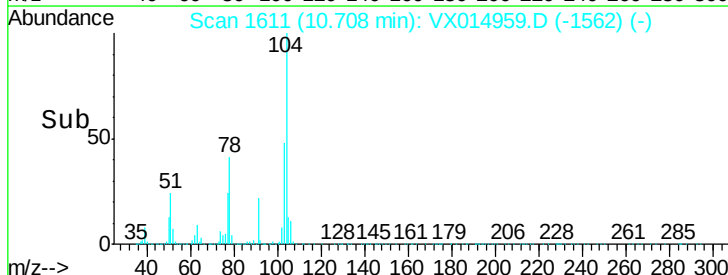
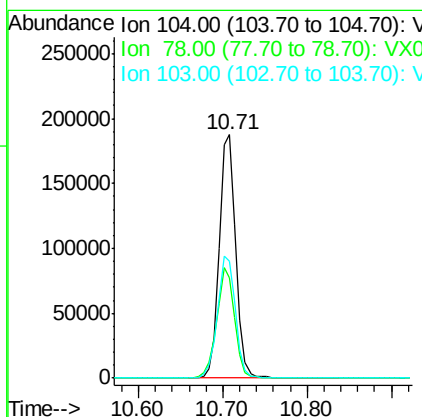
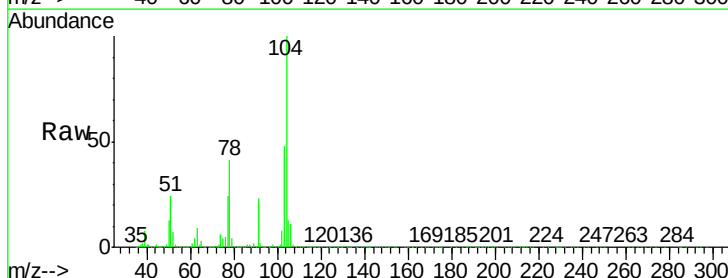
Manual Integrations
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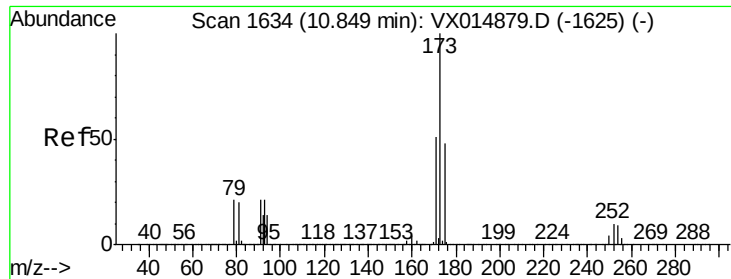
MMDadoda
2/20/2020 1:41:26 PM



#70
Styrene
Concen: 18.657 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014959.D
Acq: 19 Feb 2020 11:27

Tgt Ion:104 Resp: 252773
Ion Ratio Lower Upper
104 100
78 49.2 39.0 58.4
103 54.9 43.4 65.0





#71

Bromoform

Concen: 18.311 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

Instrument :

MSVOA_X

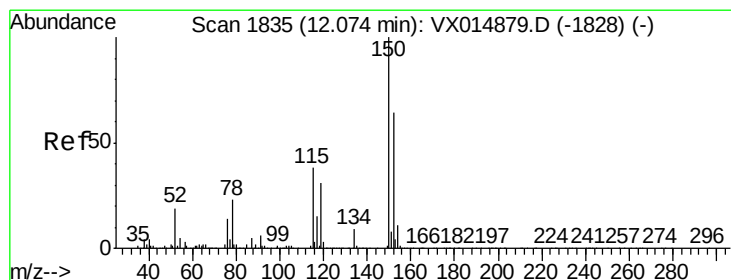
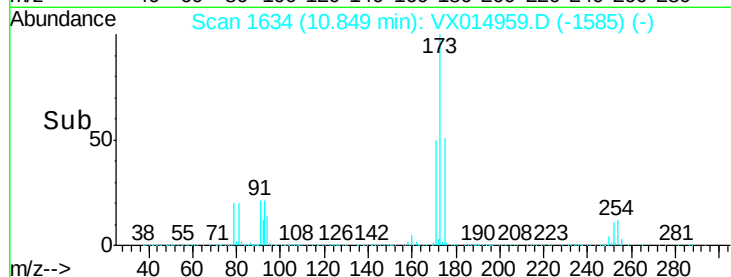
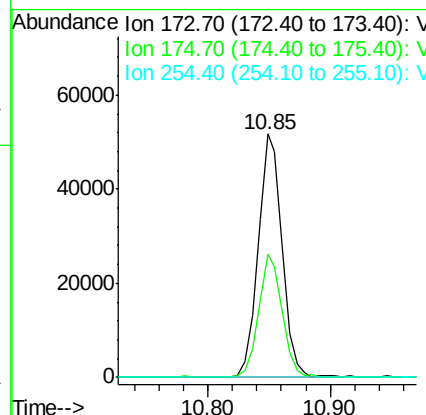
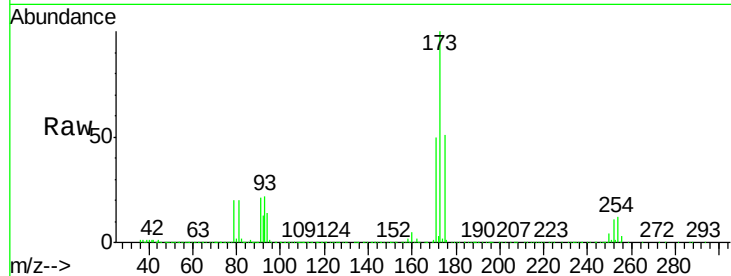
ClientSampleId :

VX0219WBS01

Tot Ion:	173	Resp:	70559
Ion Ratio	Lower	Upper	
173	100		
175	50.4	24.2	72.6
254	0.2	0.2	0.2#

Manual Integrations
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2/20/2020 1:41:26 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

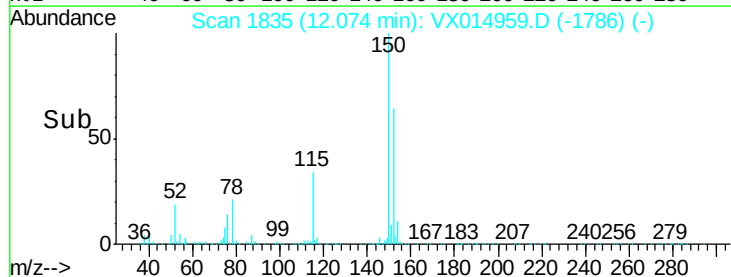
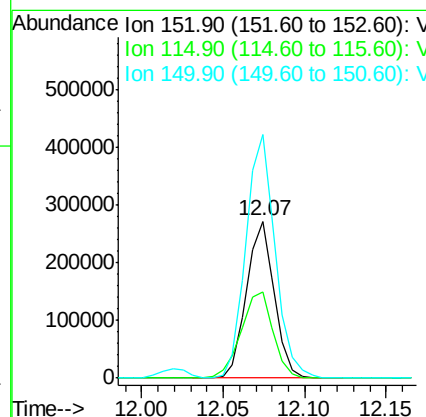
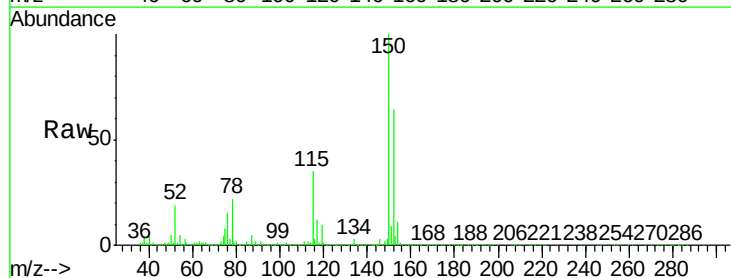
RT: 12.07 min Scan# 1835

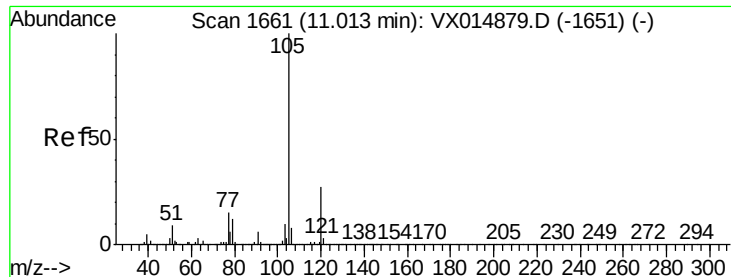
Delta R.T. -0.00 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

Tgt Ion:	152	Resp:	323231
Ion Ratio	Lower	Upper	
152	100		
115	63.7	38.6	116.0
150	163.6	0.0	349.0





#73

Isopropylbenzene

Concen: 19.998 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

Instrument :

MSVOA_X

ClientSampleId :

VX0219WBS01

Tot Ion: 105 Resp: 405356

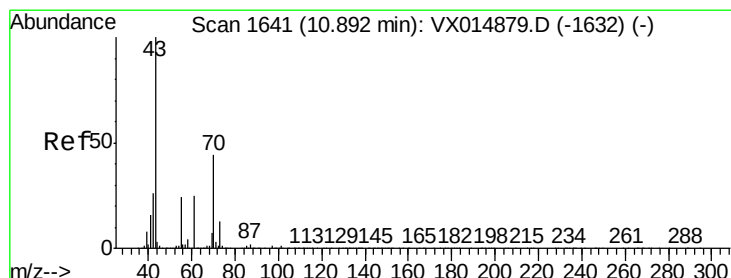
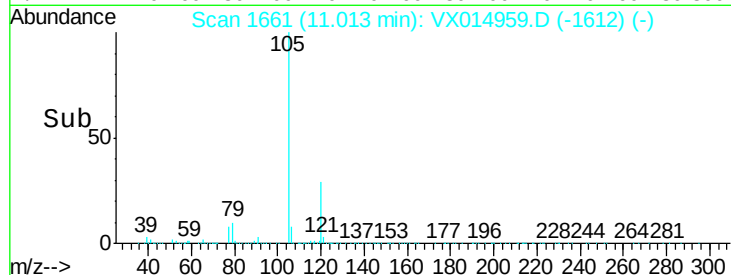
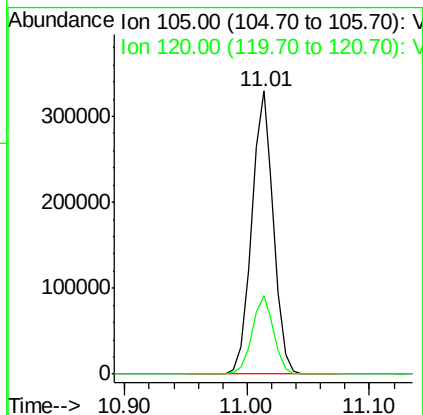
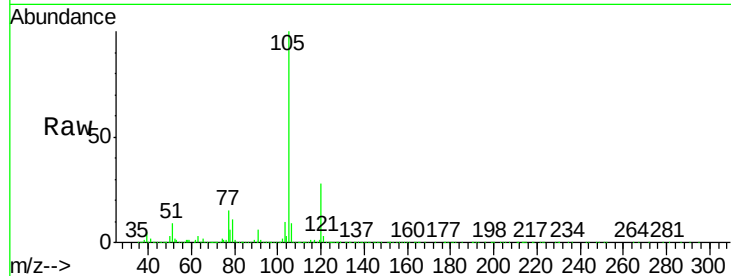
Ion Ratio Lower Upper

105 100

120 27.6 13.6 40.8

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#74

N-ethyl acetate

Concen: 19.658 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

Tgt Ion: 43 Resp: 165564

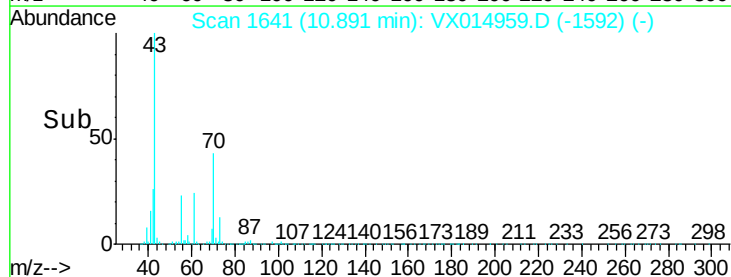
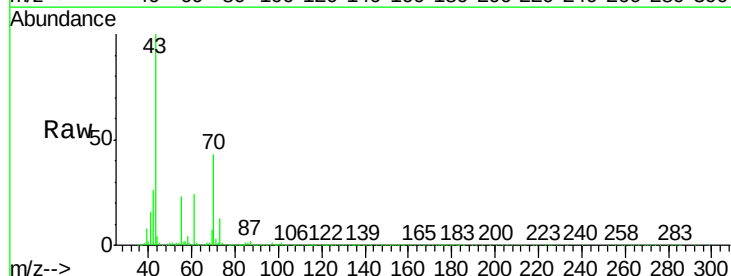
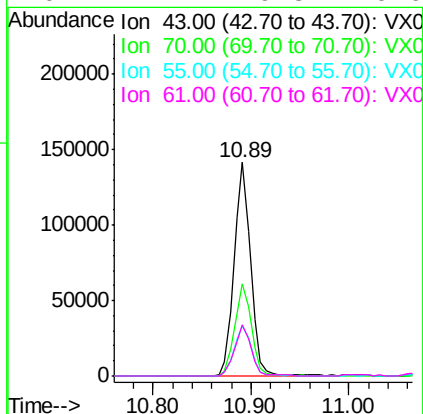
Ion Ratio Lower Upper

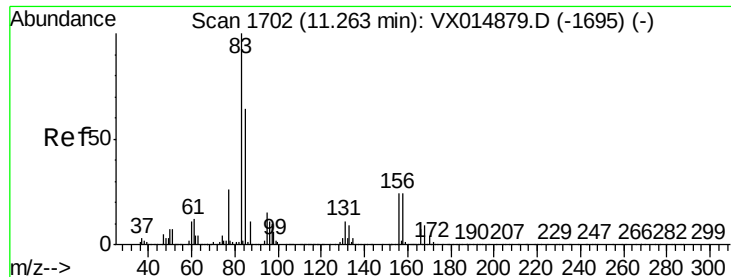
43 100

70 42.9 35.0 52.4

55 25.1 19.4 29.2

61 24.1 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.755 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

Instrument :

MSVOA_X

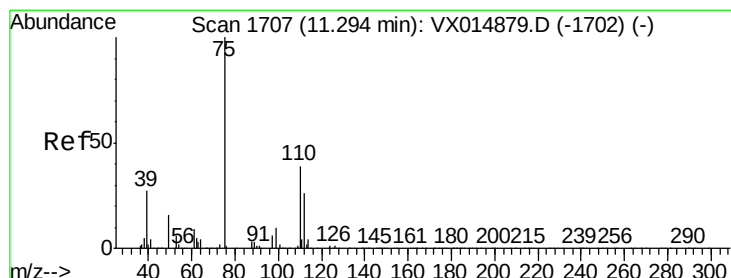
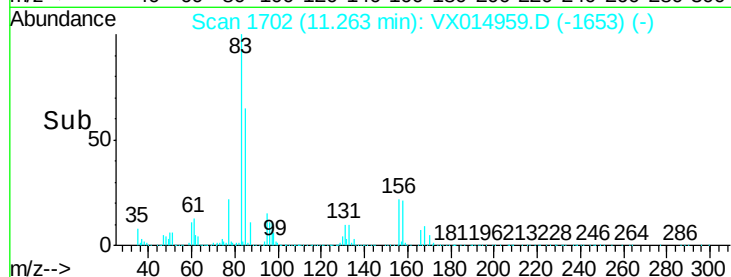
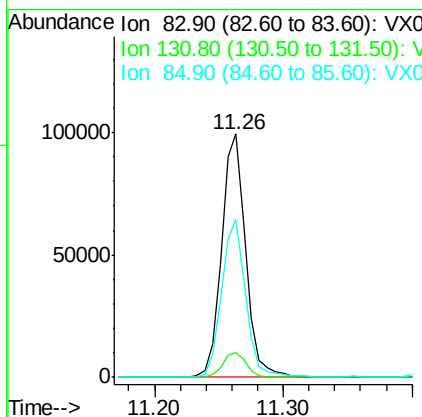
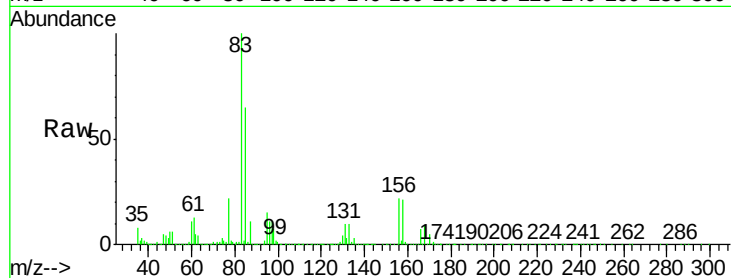
ClientSampleId :

VX0219WBS01

Tot Ion:	83	Resp:	130901
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.3	16.1
85	65.0	32.6	97.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 21.612 ug/l m

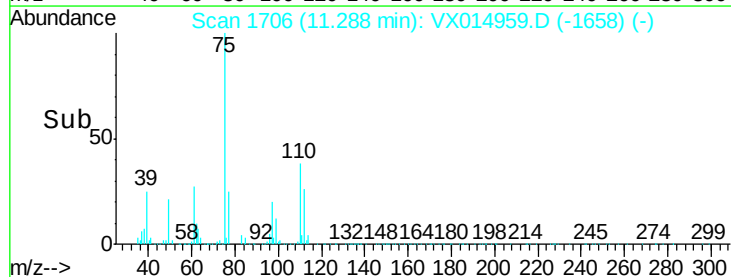
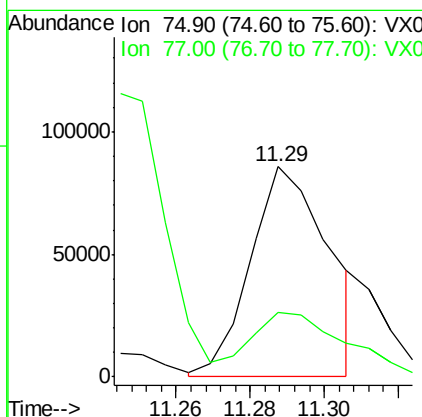
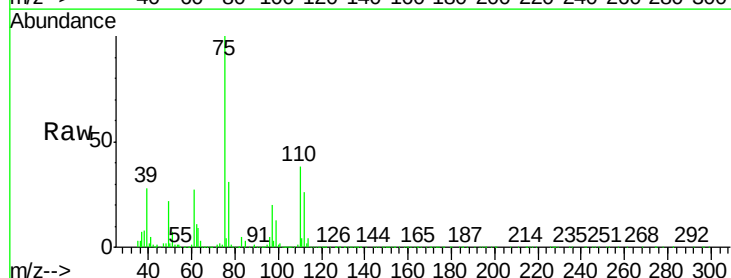
RT: 11.29 min Scan# 1706

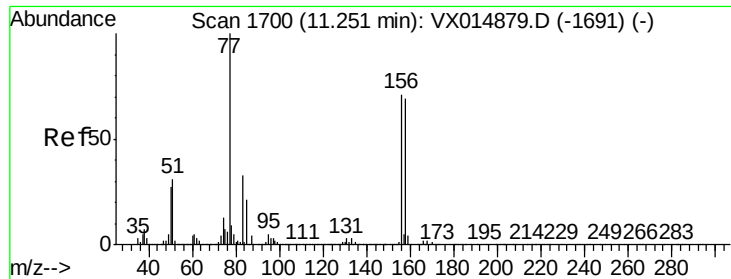
Delta R.T. -0.01 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

Tgt Ion:	75	Resp:	126321
Ion Ratio	Lower	Upper	
75	100		
77	37.6	18.4	55.0





#77

Bromobenzene

Concen: 18.950 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

Instrument :

MSVOA_X

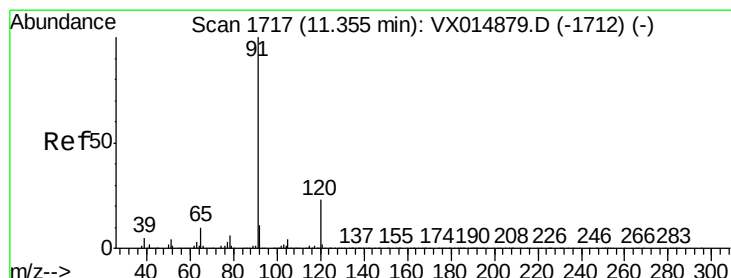
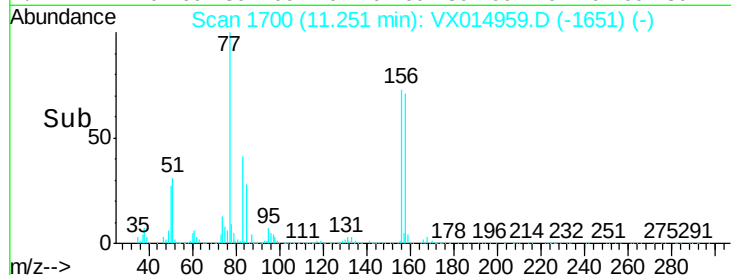
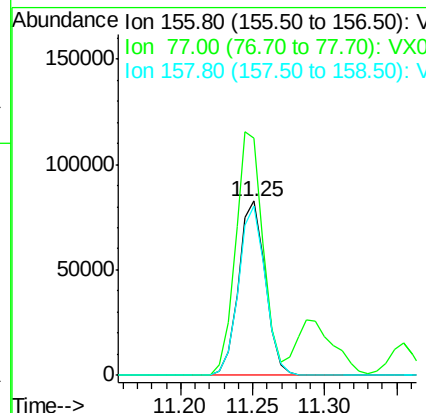
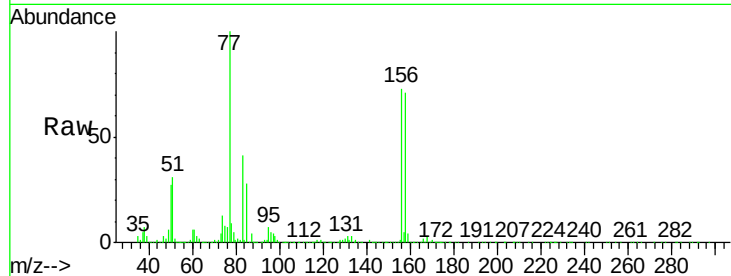
ClientSampleId :

VX0219WBS01

Tot Ion:	156	Resp:	107212
Ion Ratio	Lower	Upper	
156	100		
77	143.5	74.0	222.0
158	97.8	48.9	146.6

Manual Integrations
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#78

n-propylbenzene

Concen: 19.345 ug/l

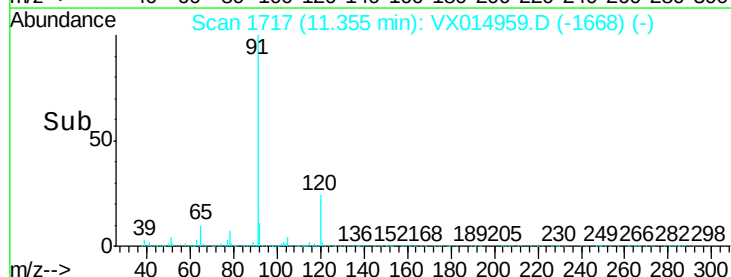
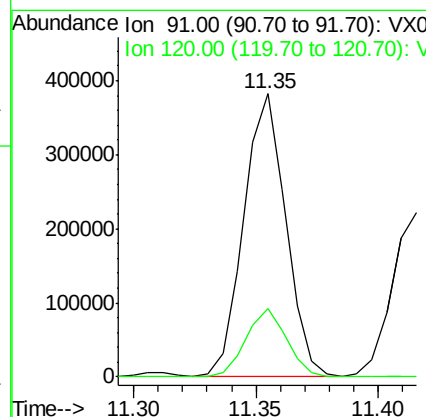
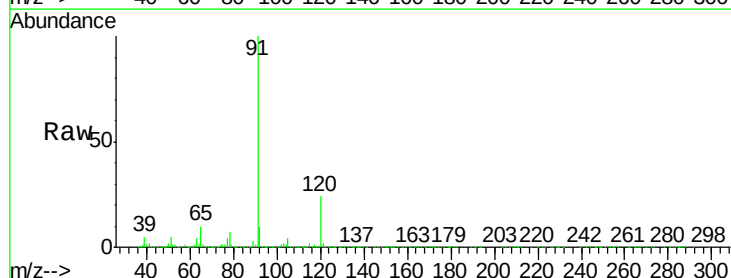
RT: 11.35 min Scan# 1717

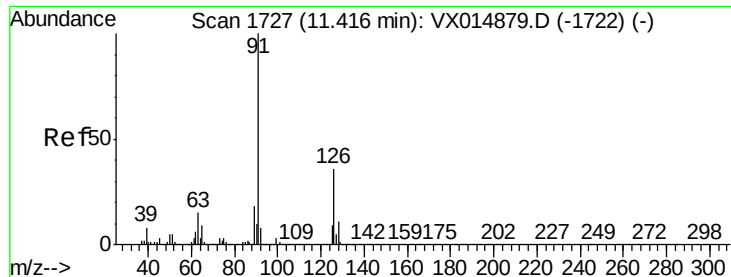
Delta R.T. -0.00 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

Tgt Ion:	91	Resp:	453544
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.8	35.4





#79

2-Chlorotoluene

Concen: 19.994 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

Instrument :

MSVOA_X

ClientSampleId :

VX0219WBS01

Tot Ion: 91 Resp: 275571

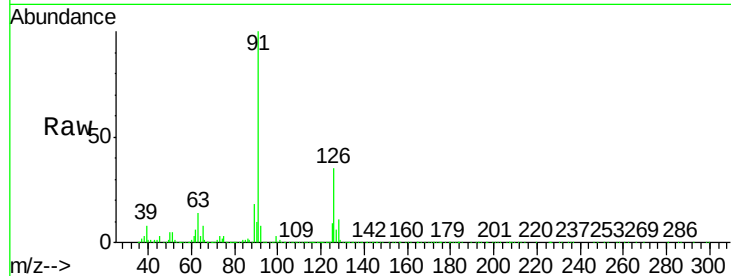
Ion Ratio Lower Upper

91 100

126 34.4 18.0 54.0

Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VX014879.D (-1722) (-)

Ion 125.90 (125.60 to 126.60): VX014879.D (-1722) (-)

400000

300000

200000

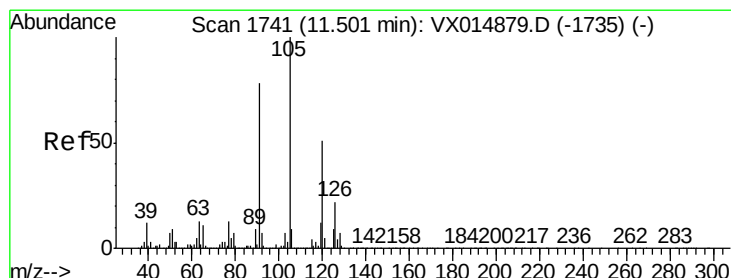
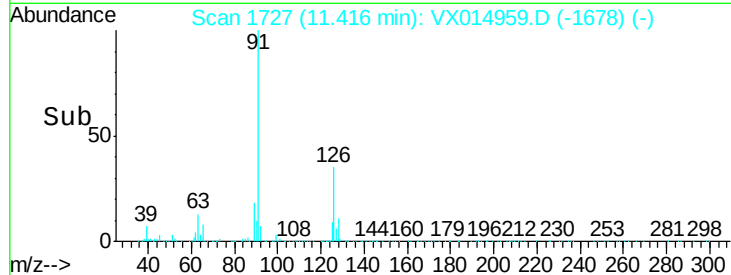
100000

0

11.42

11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.239 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX014959.D

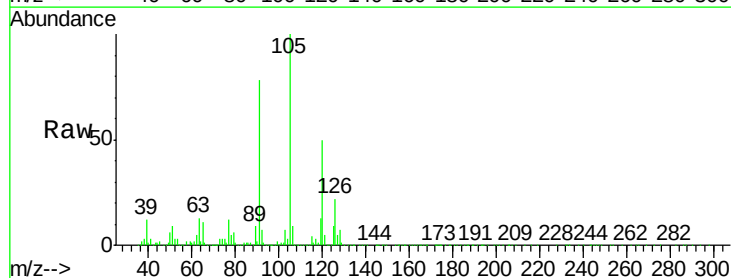
Acq: 19 Feb 2020 11:27

Tgt Ion: 105 Resp: 342792

Ion Ratio Lower Upper

105 100

120 49.0 25.6 76.6



Abundance Ion 105.00 (104.70 to 105.70): VX014879.D (-1735) (-)

Ion 120.00 (119.70 to 120.70): VX014879.D (-1735) (-)

300000

200000

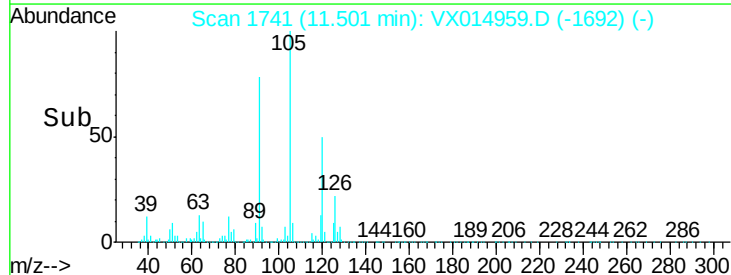
100000

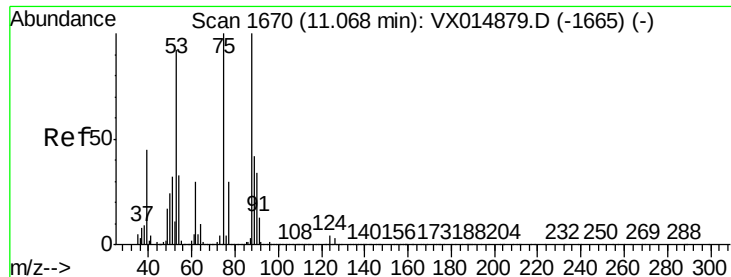
0

11.50

11.55

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 17.767 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

Instrument :

MSVOA_X

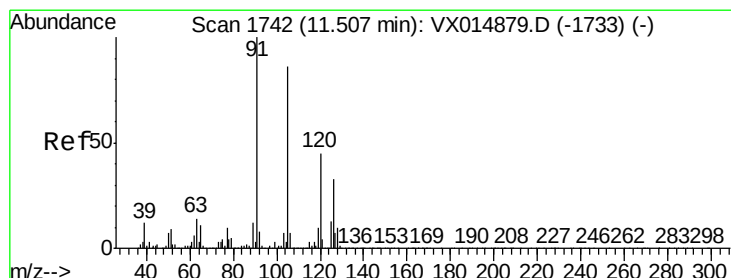
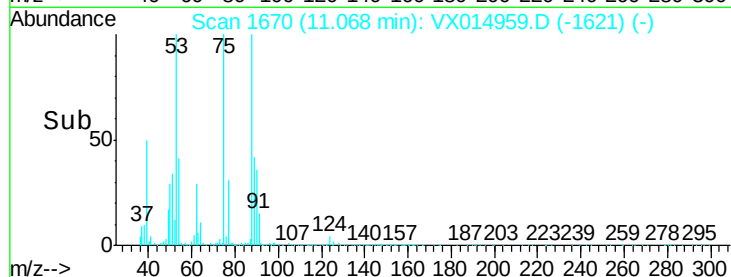
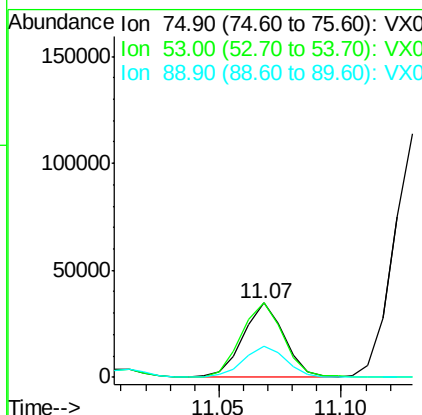
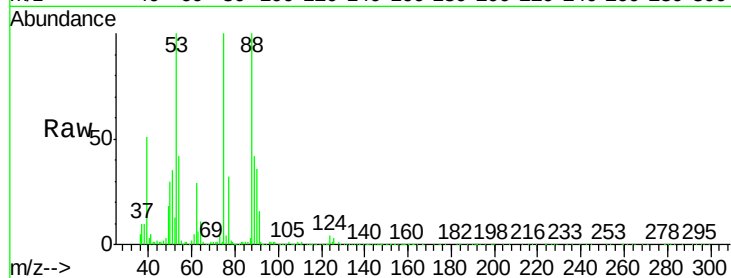
ClientSampleId :

VX0219WBS01

Tot Ion:	75	Resp:	40570
Ion Ratio	Lower	Upper	
75	100		
53	102.4	76.2	114.2
89	44.3	35.8	53.6

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.019 ug/l

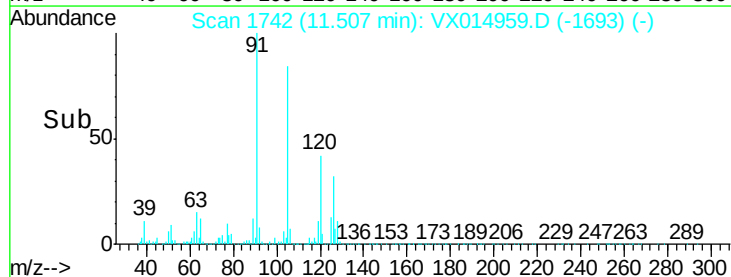
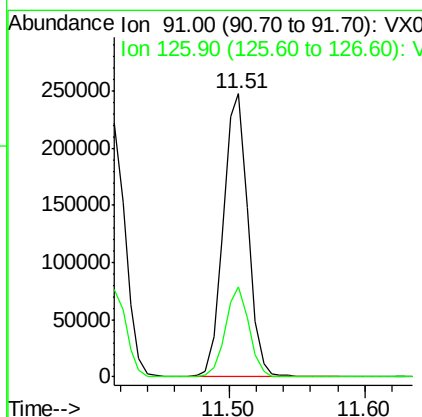
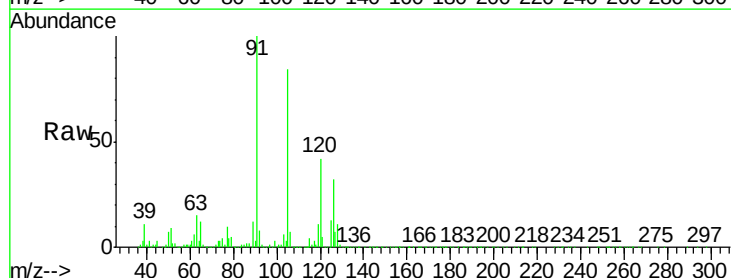
RT: 11.51 min Scan# 1742

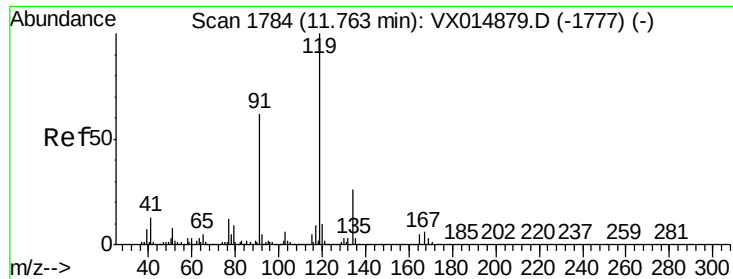
Delta R.T. -0.00 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

Tgt Ion:	91	Resp:	310435
Ion Ratio	Lower	Upper	
91	100		
126	30.2	15.7	47.0





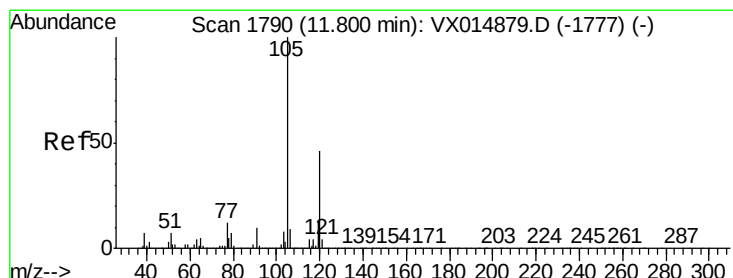
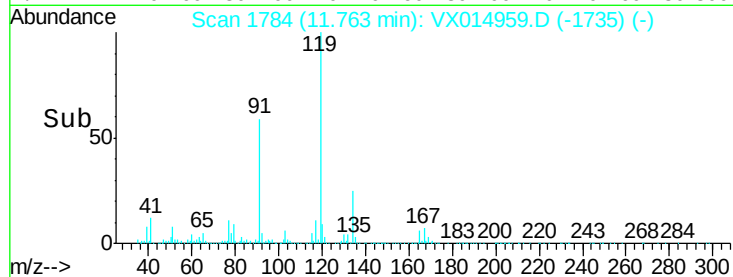
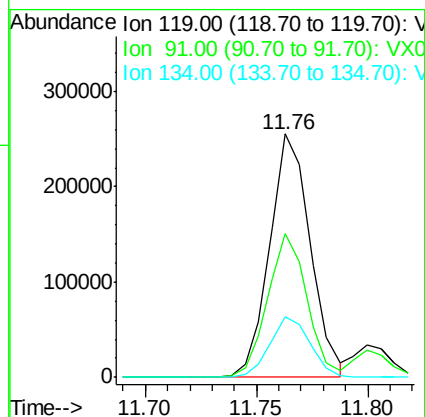
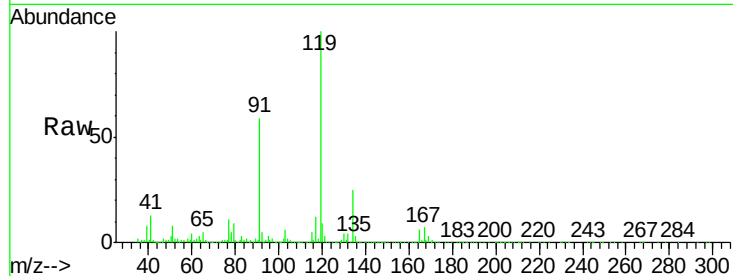
#83
 tert-Butylbenzene
 Concen: 20.199 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX014959.D
 Acq: 19 Feb 2020 11:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0219WBS01

Tot Ion:	119	Resp:	323961
Ion Ratio	Lower	Upper	
119	100		
91	57.0	29.5	88.6
134	24.7	12.6	37.6

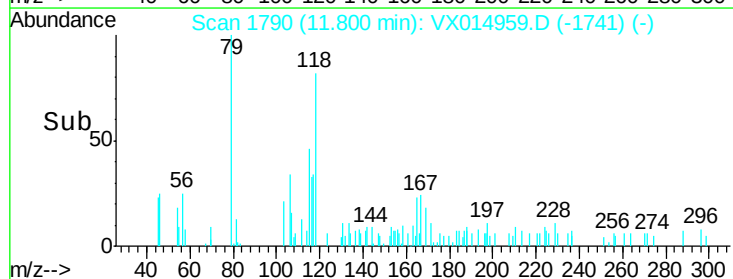
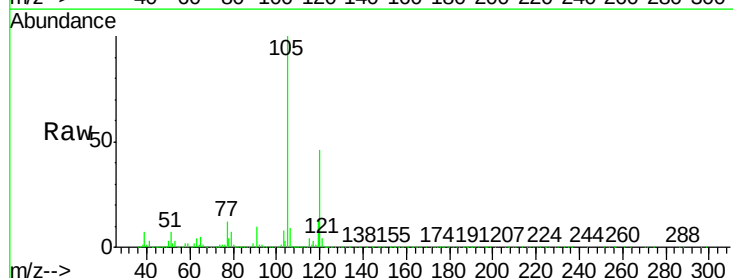
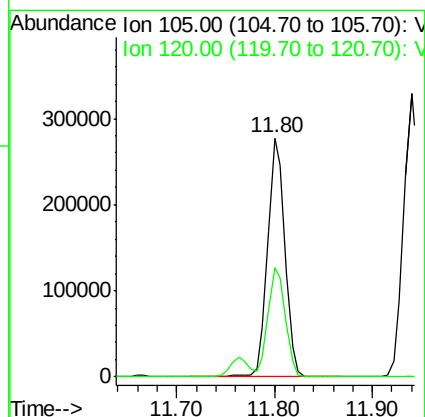
Manual Integrations
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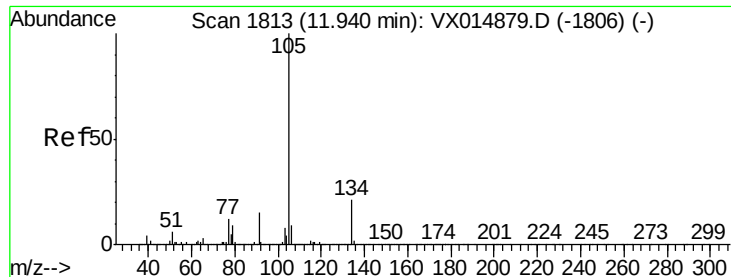
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.900 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX014959.D
 Acq: 19 Feb 2020 11:27

Tgt Ion:	105	Resp:	339669
Ion Ratio	Lower	Upper	
105	100		
120	45.8	23.0	69.0





#85

sec-Butylbenzene

Concen: 19.562 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

Instrument :

MSVOA_X

ClientSampleId :

VX0219WBS01

Tot Ion:105 Resp: 389762

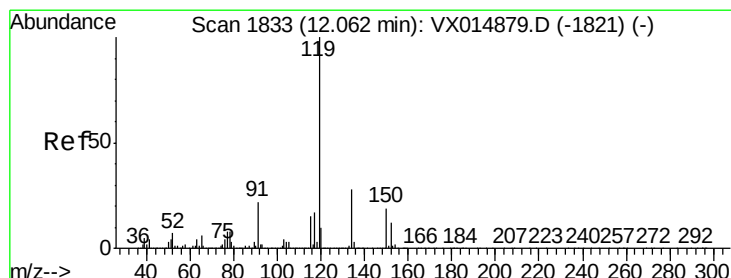
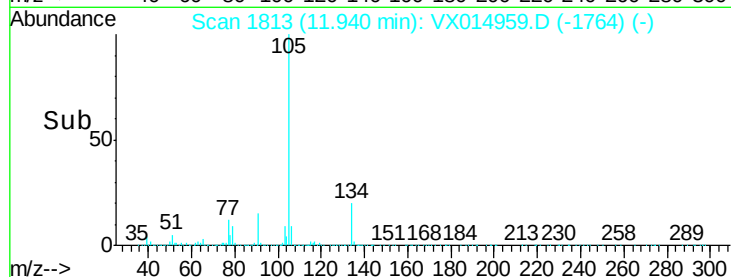
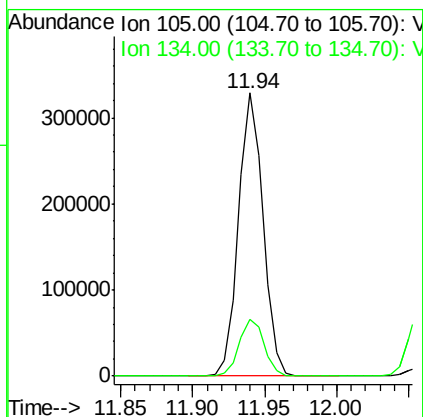
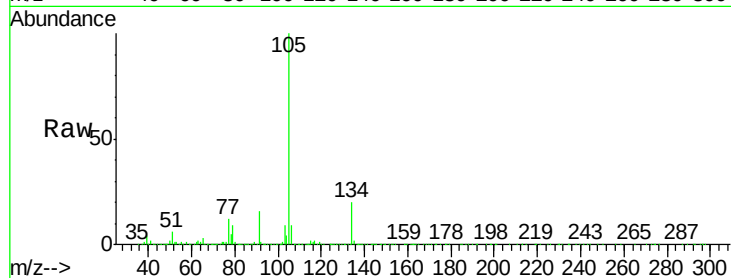
Ion Ratio Lower Upper

105 100

134 20.6 10.6 31.8

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 19.422 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014959.D

Acq: 19 Feb 2020 11:27

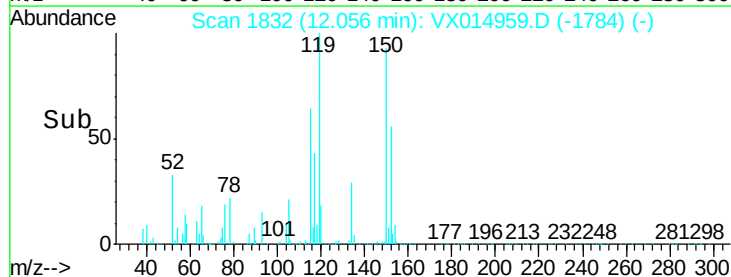
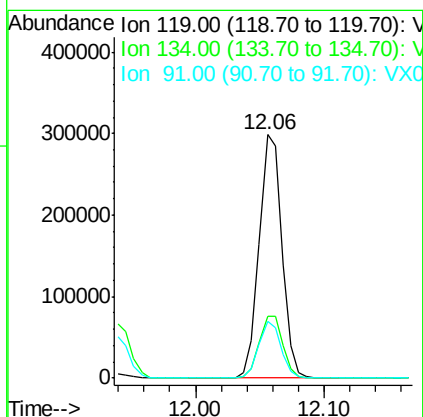
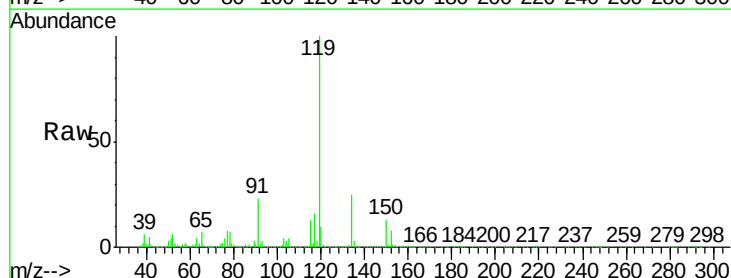
Tgt Ion:119 Resp: 362129

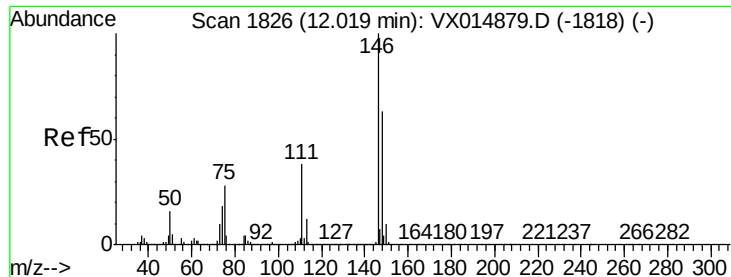
Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.5

91 22.7 11.4 34.1





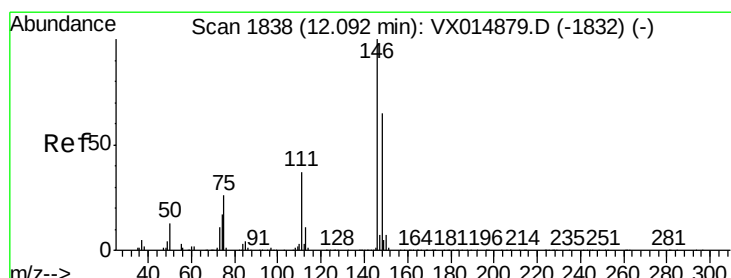
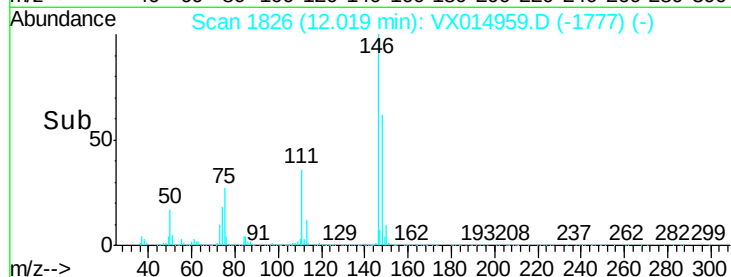
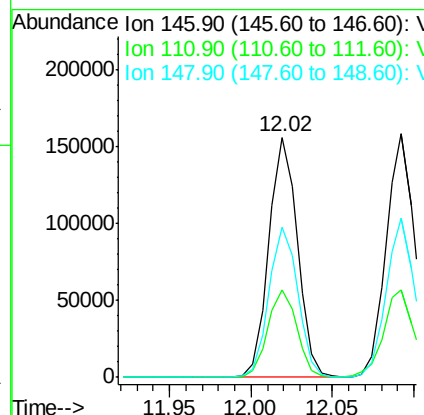
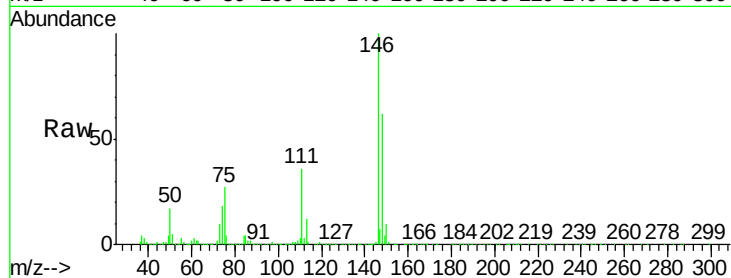
#87
 1,3-Dichlorobenzene
 Concen: 18.711 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX014959.D
 Acq: 19 Feb 2020 11:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0219WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.6	56.0
148	63.3	31.8	95.4

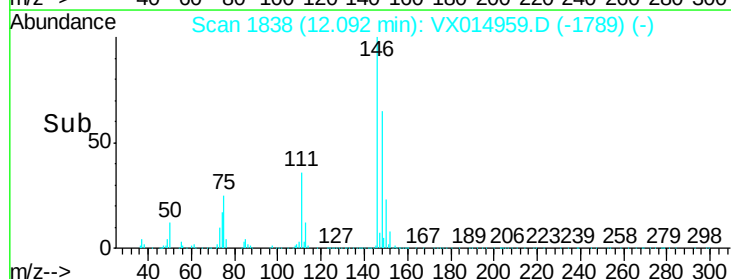
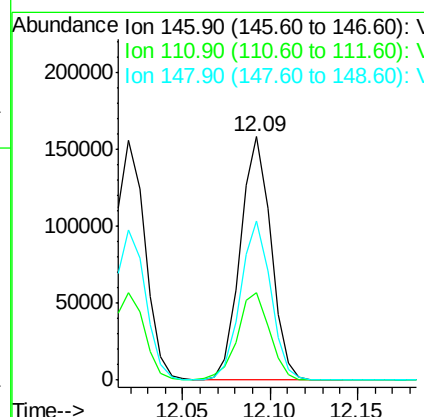
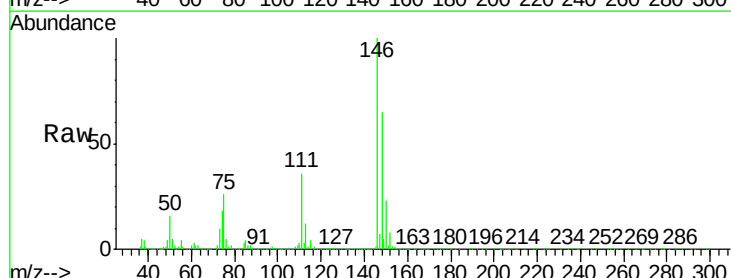
Manual Integrations
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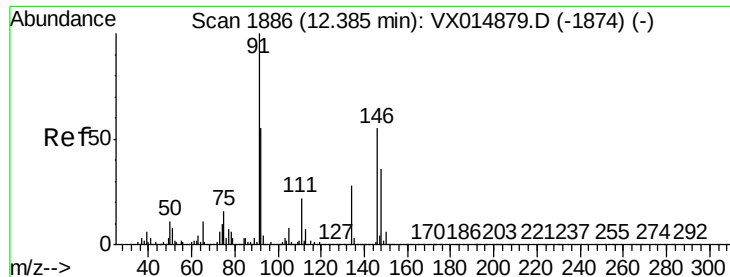
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 2/20/2020 1:41:26 PM



#88
 1,4-Dichlorobenzene
 Concen: 18.567 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX014959.D
 Acq: 19 Feb 2020 11:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.6	55.6
148	64.9	32.4	97.0





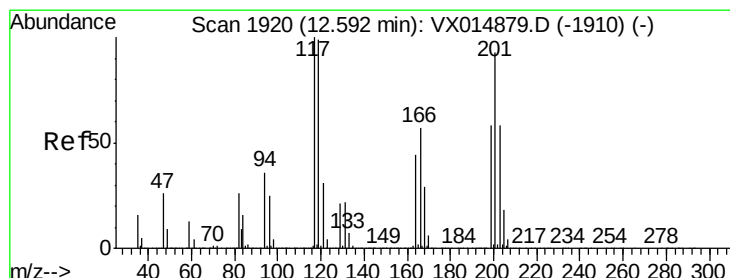
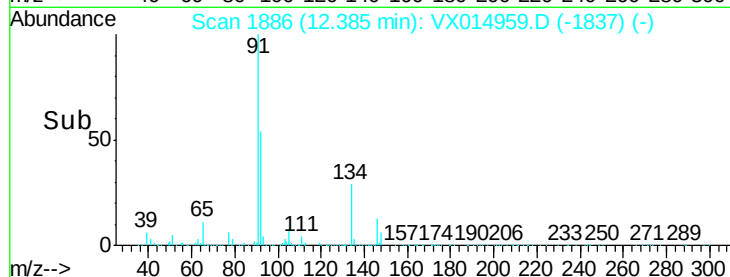
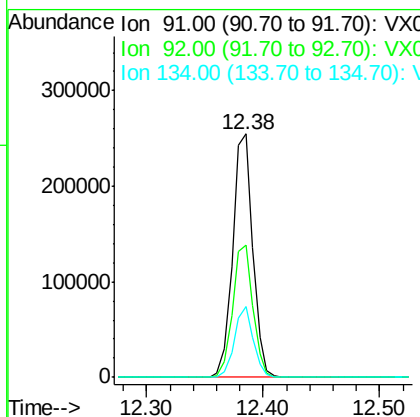
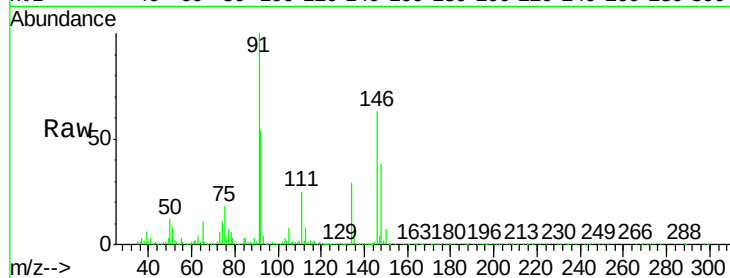
#89
n-Butylbenzene
Concen: 18.327 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX014959.D
Acq: 19 Feb 2020 11:27

Instrument :
MSVOA_X
ClientSampleId :
VX0219WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	306036		
92	54.8	27.3	81.8	
134	27.3	13.8	41.4	

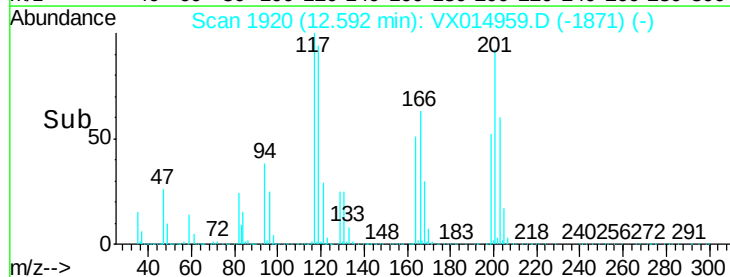
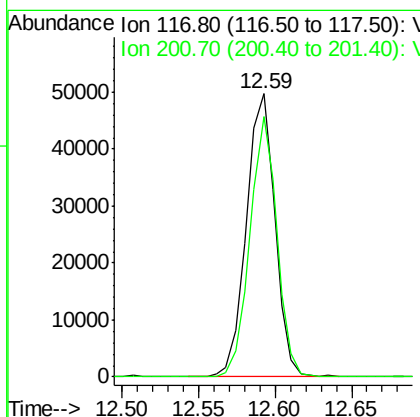
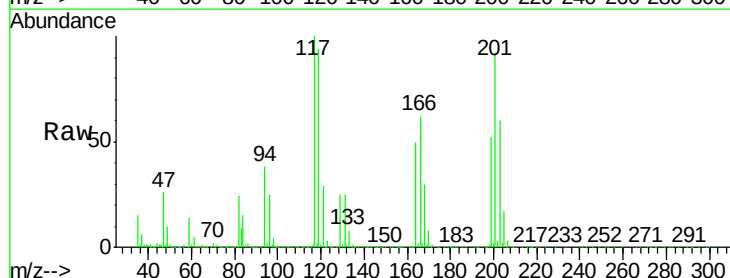
Manual Integrations
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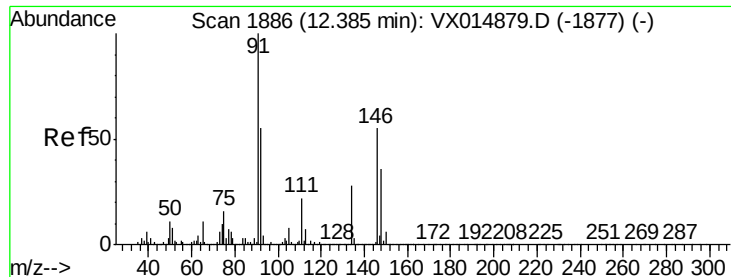
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2/20/2020 1:41:26 PM



#90
Hexachloroethane
Concen: 19.772 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX014959.D
Acq: 19 Feb 2020 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	64379		
201	87.5	44.8	134.3	





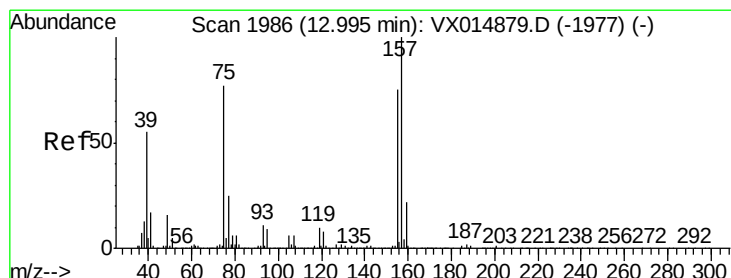
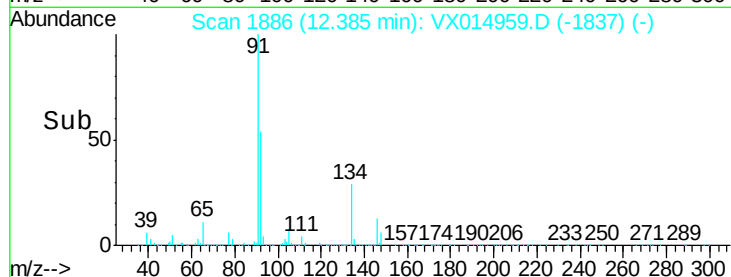
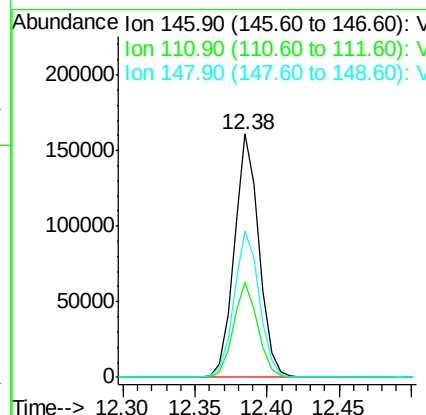
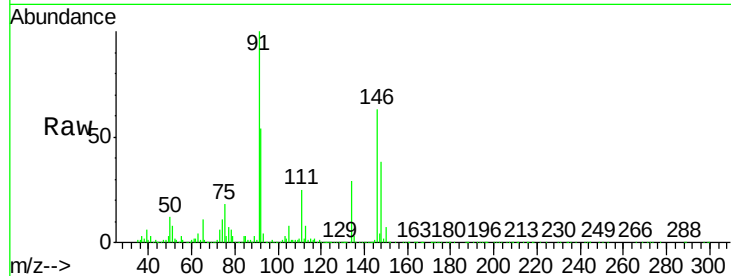
#91
 1,2-Dichlorobenzene
 Concen: 19.493 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX014959.D
 Acq: 19 Feb 2020 11:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0219WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.8	59.3
148	61.9	32.4	97.2

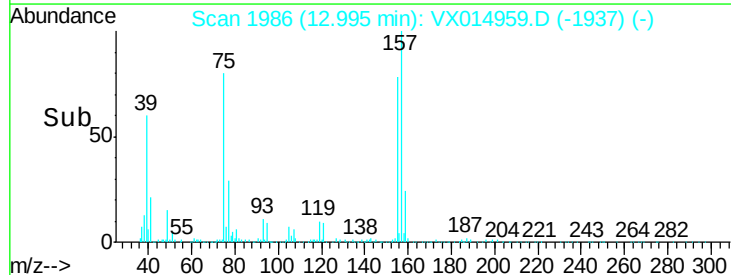
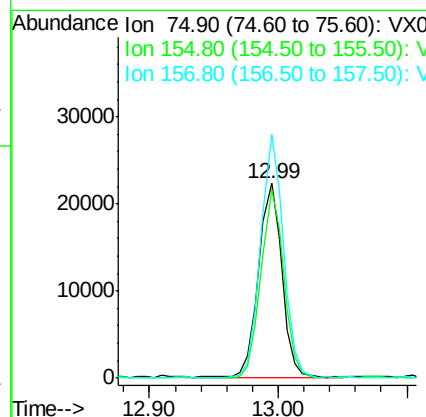
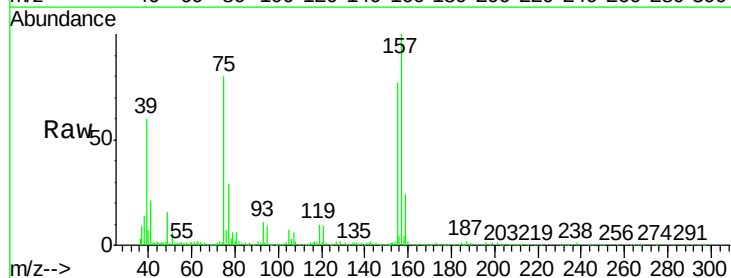
Manual Integrations
 APPROVED

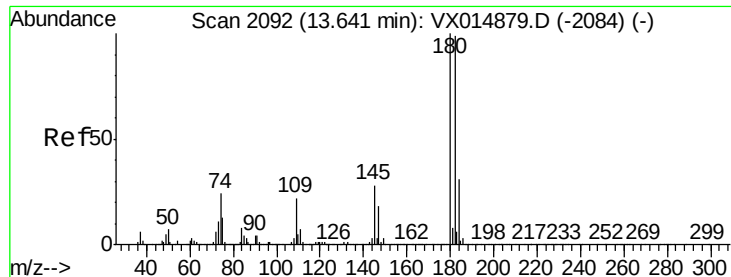
MMDadoda
 2/20/2020 1:41:26 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.226 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX014959.D
 Acq: 19 Feb 2020 11:27

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.0	48.6	145.9
157	119.9	62.0	186.0





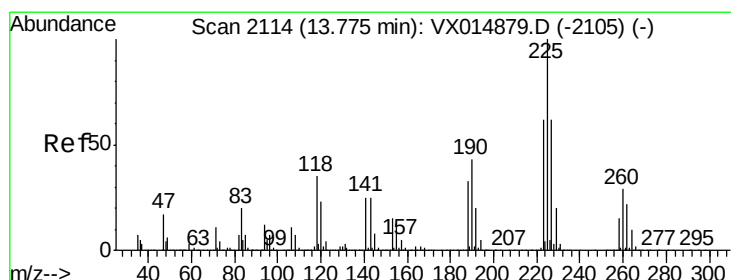
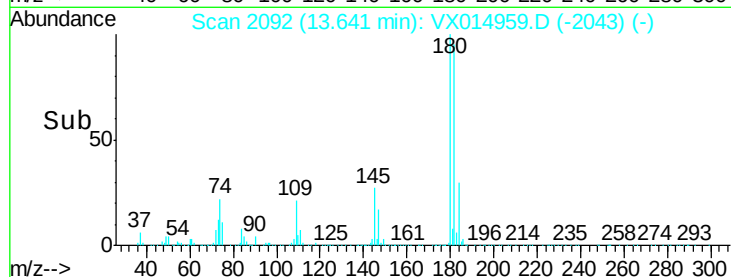
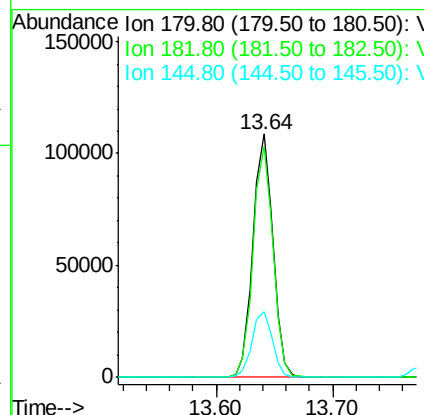
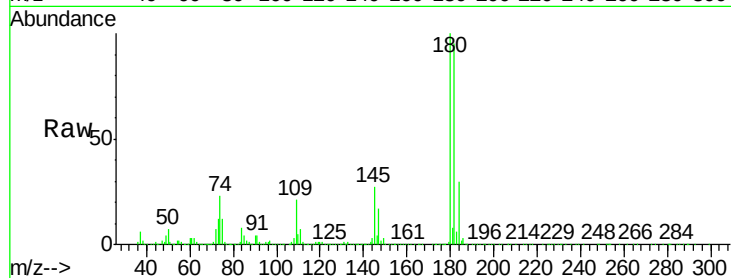
#93
1,2,4-Trichlorobenzene
Concen: 17.866 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. -0.00 min
Lab File: VX014959.D
Acq: 19 Feb 2020 11:27

Instrument :
MSVOA_X
ClientSampleId :
VX0219WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	131253		
182	94.6	48.4	145.3	
145	28.2	14.1	42.4	

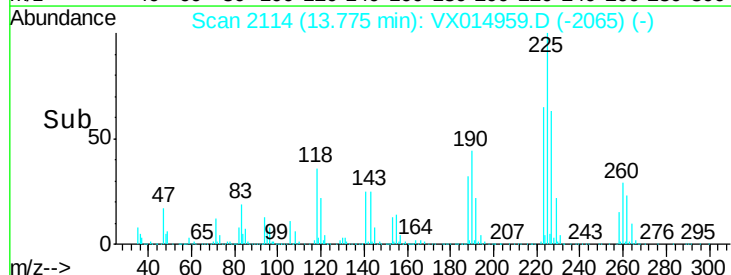
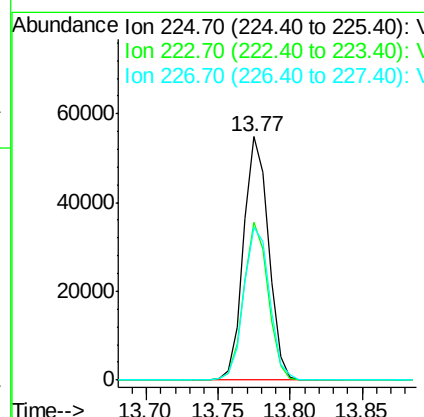
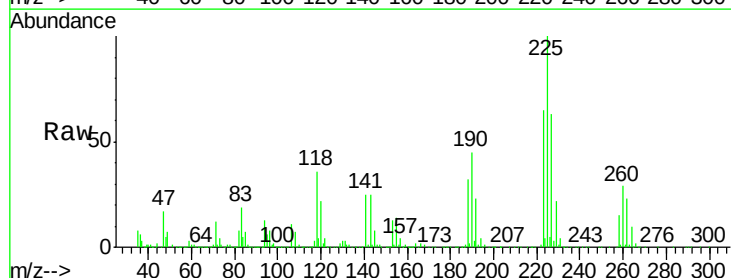
Manual Integrations
APPROVED

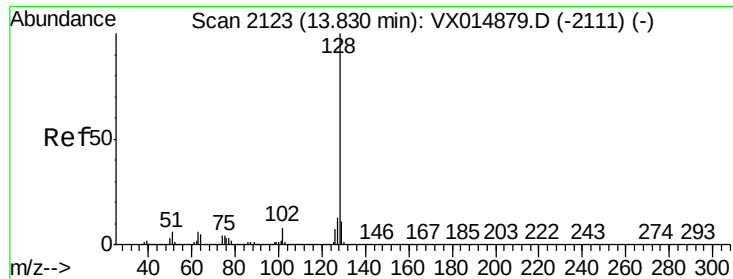
MMDadoda
2/20/2020 1:41:26 PM



#94
Hexachlorobutadiene
Concen: 18.647 ug/l
RT: 13.77 min Scan# 2114
Delta R.T. -0.00 min
Lab File: VX014959.D
Acq: 19 Feb 2020 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	66261		
223	63.3	31.1	93.2	
227	64.9	30.9	92.5	





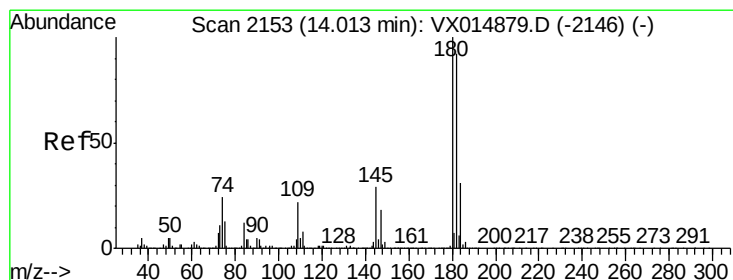
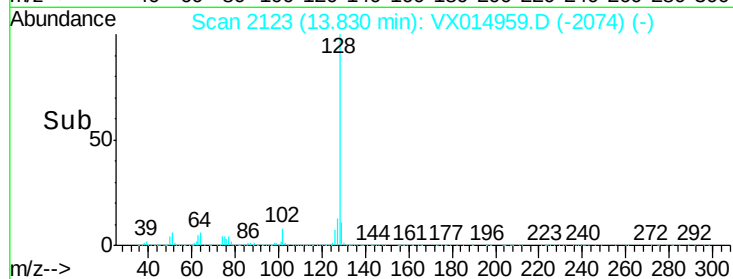
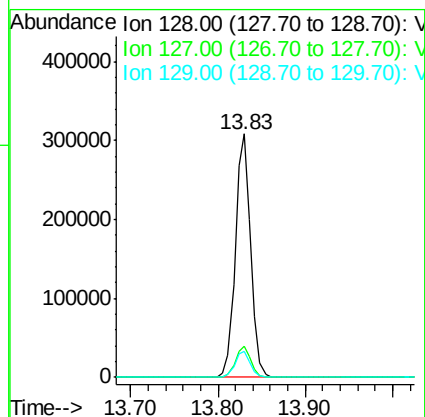
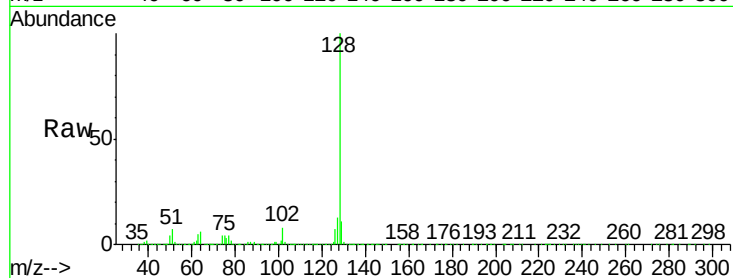
#95
Naphthalene
Concen: 19.392 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX014959.D
Acq: 19 Feb 2020 11:27

Instrument :
MSVOA_X
ClientSampleId :
VX0219WBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	378806		
127	13.0		10.4	15.6
129	10.8		8.6	13.0

Manual Integrations
APPROVED

MMDadoda
2/20/2020 1:41:26 PM



#96
1,2,3-Trichlorobenzene
Concen: 18.954 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX014959.D
Acq: 19 Feb 2020 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	134536		
182	93.9		47.5	142.6
145	29.1		14.5	43.5

