

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091120\
 Data File : VX018355.D
 Acq On : 11 Sep 2020 12:31
 Operator : JC/SP
 Sample : VX0911WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0911WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/14/2020 12:09:49 PM

Quant Time: Sep 12 06:25:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X090420W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 04 12:13:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	74951	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	383185	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	366861	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.04	65	179631	30.38	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.27%
60) 4-Bromofluorobenzene	11.12	95	188914	29.71	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.03%
63) Toluene-d8	8.70	98	485907	30.05	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.17%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	74855	18.874 ug/l	98
3) Chloromethane	1.31	50	81366	19.314 ug/l	100
4) Vinyl Chloride	1.39	62	85624	19.302 ug/l	100
5) Bromomethane	1.64	94	60498	20.045 ug/l	98
6) Chloroethane	1.72	64	53318	19.776 ug/l	95
7) Trichlorofluoromethane	1.92	101	145270	19.324 ug/l	99
8) Diethyl Ether	2.17	74	47610	20.088 ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	72956	18.994 ug/l	98
10) 1,1-Dichloroethene	2.36	96	74743	19.824 ug/l	96
11) Methyl Iodide	2.50	142	74344	20.575 ug/l	97
12) Methyl Acetate	2.75	43	102000	20.552 ug/l	96
13) Acrolein	2.27	56	50308	125.600 ug/l	96
14) Acrylonitrile	3.12	53	230156	102.344 ug/l	99
15) Acetone	2.42	58	60990	99.749 ug/l	89
16) Carbon Disulfide	2.55	76	210269	19.153 ug/l	99
17) Allyl chloride	2.71	41	135919	20.169 ug/l	96
18) Methylene Chloride	2.84	84	85553	19.334 ug/l	93
19) trans-1,2-Dichloroethene	3.14	96	83130	19.859 ug/l	98
20) Diisopropyl ether	3.82	45	270458	20.272 ug/l	91
21) 1,1-Dichloroethane	3.67	63	149776	19.559 ug/l	98
22) cis-1,2-Dichloroethene	4.57	96	94651	20.436 ug/l	99
23) tert-Butyl Alcohol	3.01	59	104272	106.997 ug/l	# 100
24) Methyl tert-Butyl Ether	3.17	73	268005	19.994 ug/l	99
25) Chloroform	5.18	83	164561	20.136 ug/l	100
26) Cyclohexane	5.56	56	117865	19.069 ug/l	# 54
29) 1,1-Dichloropropene	5.77	75	110882	18.957 ug/l	99
30) 2-Butanone	4.64	43	325145	101.522 ug/l	99
31) 2,2-Dichloropropane	4.56	77	138692	19.630 ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	152997	19.984 ug/l	99
33) Carbon Tetrachloride	5.76	117	137615	19.290 ug/l	95
34) Benzene	6.12	78	330521	19.796 ug/l	# 95
35) Methacrylonitrile	5.00	41	68896	20.412 ug/l	96
36) 1,2-Dichloroethane	6.17	62	140012	20.262 ug/l	# 100
37) Trichloroethene	7.19	130	93881	19.445 ug/l	94
38) Methylcyclohexane	7.44	83	115200	18.490 ug/l	100
39) 1,2-Dichloropropane	7.49	63	86638	19.374 ug/l	96
40) Dibromomethane	7.64	93	63382	19.627 ug/l	99

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Manual Integrations
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 9/14/2020 12:09:49 PM

Quant Time: Sep 12 06:25:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X090420W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 04 12:13:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.88	83	129947	19.415	ug/l	95
42) Vinyl Acetate	3.79	43	1202225	100.614	ug/l	99
43) Ethyl Acetate	4.79	43	128099	20.115	ug/l	97
44) Isopropyl Acetate	6.42	43	203270	19.806	ug/l	97
45) 1,4-Dioxane	7.71	88	36622	427.122	ug/l #	91
46) Methyl methacrylate	7.75	41	97742	19.350	ug/l	96
47) n-amyl Acetate	10.88	43	170197	18.872	ug/l	100
48) t-1,3-Dichloropropene	9.02	75	141215	19.642	ug/l	97
49) cis-1,3-Dichloropropene	8.42	75	146232	19.362	ug/l	99
50) 1,1,2-Trichloroethane	9.20	97	89749	19.945	ug/l	98
51) Ethyl methacrylate	9.16	69	129867	19.923	ug/l	93
52) 1,3-Dichloropropane	9.35	76	146214	19.576	ug/l	97
53) Dibromochloromethane	9.56	129	110808	19.804	ug/l	99
54) 1,2-Dibromoethane	9.65	107	98432	19.940	ug/l	94
55) 2-Chloroethyl vinyl ether	8.29	63	340888	100.143	ug/l	99
56) Bromoform	10.84	173	81438	19.157	ug/l	100
58) 4-Methyl-2-Pentanone	8.62	43	644326	102.113	ug/l	99
59) 2-Hexanone	9.47	43	490060	102.536	ug/l	98
61) Tetrachloroethene	9.32	164	89468	19.554	ug/l	86
62) Toluene	8.77	91	357950	19.387	ug/l	99
64) Chlorobenzene	10.12	112	231945	19.549	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.20	131	96024	19.984	ug/l	96
66) Ethyl Benzene	10.24	91	390027	19.118	ug/l	98
67) m/p-Xylenes	10.34	106	298186	38.221	ug/l	99
68) o-Xylene	10.68	106	145307	19.711	ug/l	96
69) Styrene	10.70	104	249282	19.382	ug/l	99
70) Isopropylbenzene	11.00	105	393251	19.183	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.25	83	132879	19.835	ug/l	97
72) 1,2,3-Trichloropropane	11.28	75	131476m	20.427	ug/l	
73) Bromobenzene	11.24	156	106580	18.977	ug/l	99
74) n-propylbenzene	11.34	91	448451	18.578	ug/l	98
75) 2-Chlorotoluene	11.40	91	275121	18.805	ug/l	98
76) 1,3,5-Trimethylbenzene	11.49	105	341447	19.119	ug/l	99
77) t-1,4-Dichloro-2-butene	11.06	75	47707	19.073	ug/l	97
78) 4-Chlorotoluene	11.49	91	333813	19.127	ug/l	99
79) tert-butylbenzene	11.76	119	323601	18.810	ug/l	98
80) 1,2,4-Trimethylbenzene	11.79	105	338028	19.137	ug/l	98
81) sec-Butylbenzene	11.93	105	368867	18.356	ug/l	98
82) p-Isopropyltoluene	12.05	119	349906	18.675	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	196034	19.522	ug/l	98
84) 1,4-Dichlorobenzene	12.08	146	197731	19.693	ug/l	99
85) n-Butylbenzene	12.37	91	304151	18.438	ug/l	98
86) Hexachloroethane	12.58	117	71580	19.404	ug/l	99
87) 1,2-Dichlorobenzene	12.38	146	182310	19.388	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	12.98	75	32634	19.042	ug/l	97
89) 1,2,4-Trichlorobenzene	13.63	180	118406	18.613	ug/l	97
90) Hexachlorobutadiene	13.76	225	53025	19.705	ug/l	95
91) Naphthalene	13.82	128	382764	19.279	ug/l	99
92) 1,2,3-Trichlorobenzene	14.00	180	113669	18.061	ug/l	95

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ClientSampleId :
VX0911WBSD01

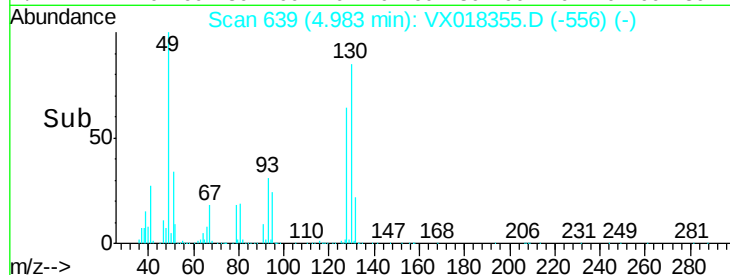
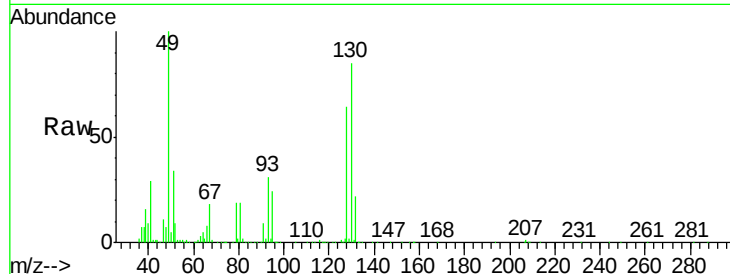
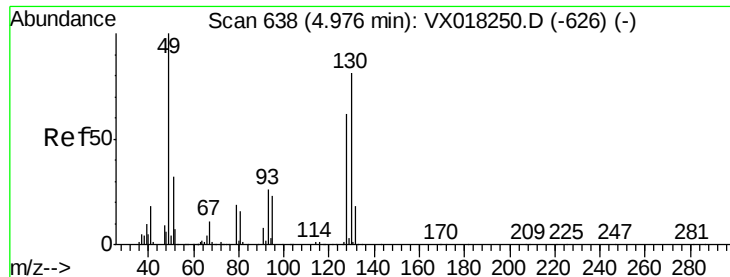
Manual Integrations
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QLast Update : Fri Sep 04 12:13:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 639

Delta R.T. 0.01 min

Lab File: VX018355.D

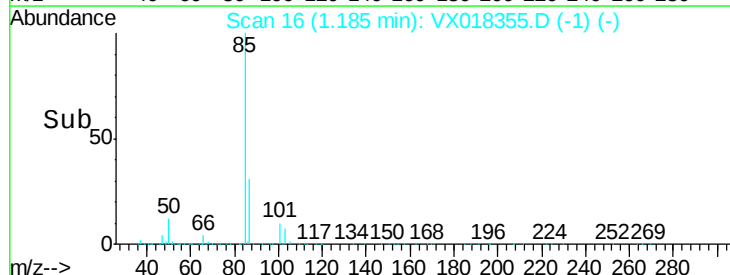
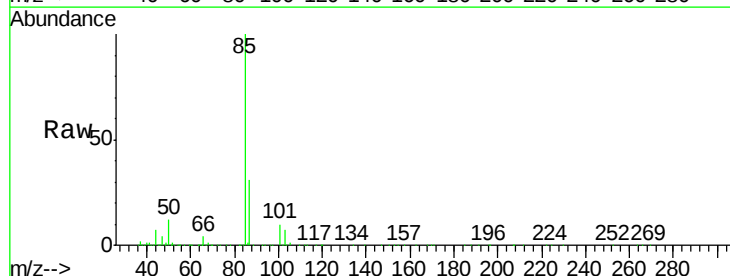
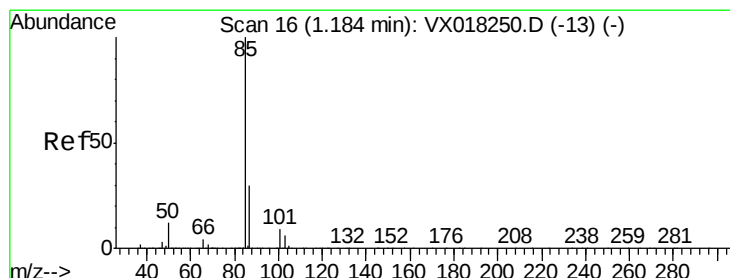
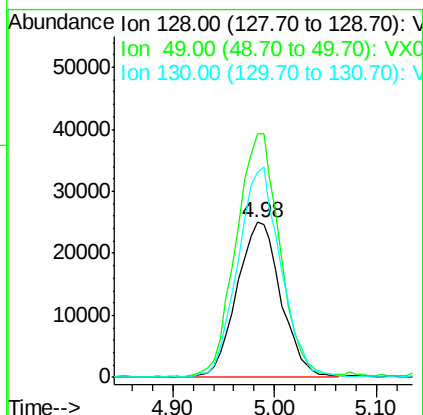
Acq: 11 Sep 2020 12:31

Tot Ion:	128	Resp:	74951
Ion	Ratio	Lower	Upper
128	100		
49	154.9	0.0	392.0
130	132.4	0.0	320.2

Instrument :
MSVOA_X
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VX0911WBSD01

Manual Integrations
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#2

Dichlorodifluoromethane

Concen: 18.874 ug/l

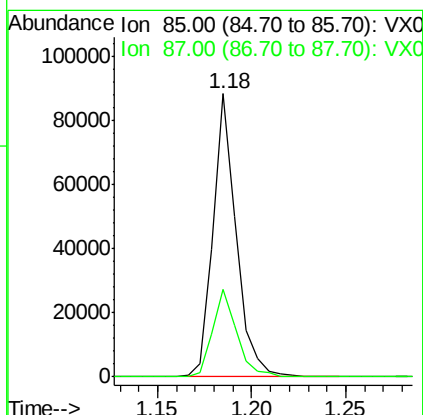
RT: 1.18 min Scan# 16

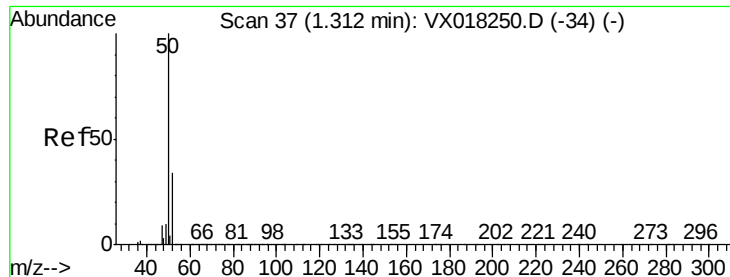
Delta R.T. 0.00 min

Lab File: VX018355.D

Acq: 11 Sep 2020 12:31

Tgt Ion:	85	Resp:	74855
Ion	Ratio	Lower	Upper
85	100		
87	31.2	15.1	45.3





#3

Chloromethane

Concen: 19.314 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX018355.D

Acq: 11 Sep 2020 12:31

Instrument :

MSVOA_X

ClientSampleId :

VX0911WBSD01

Tot Ion: 50 Resp: 81366

Ion Ratio Lower Upper

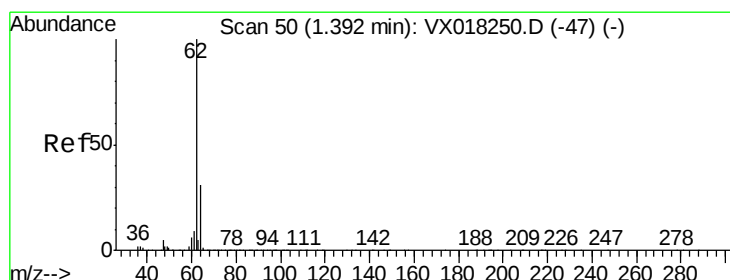
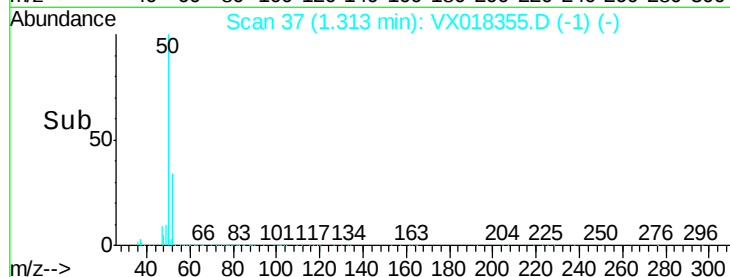
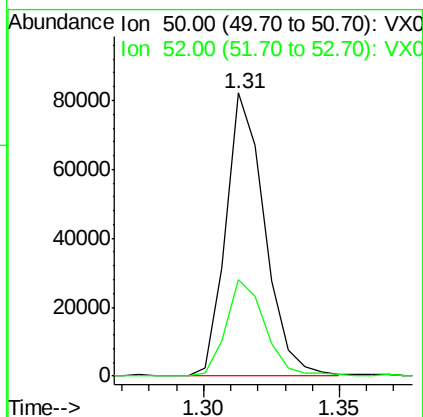
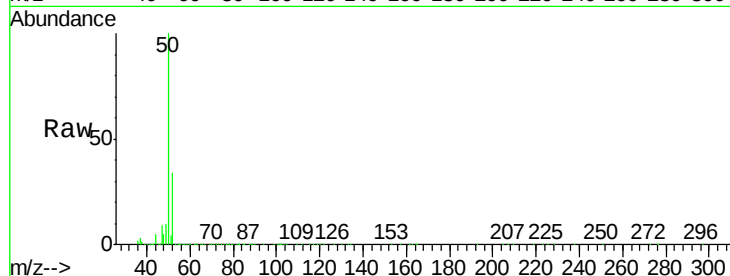
50 100

52 34.0 27.1 40.7

Manual Integrations
APPROVED

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#4

Vinyl Chloride

Concen: 19.302 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018355.D

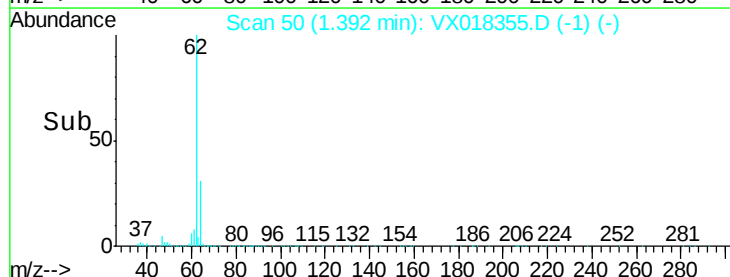
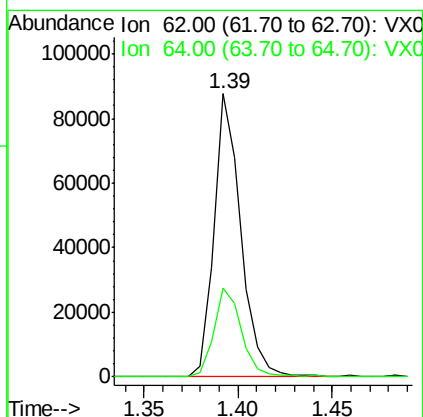
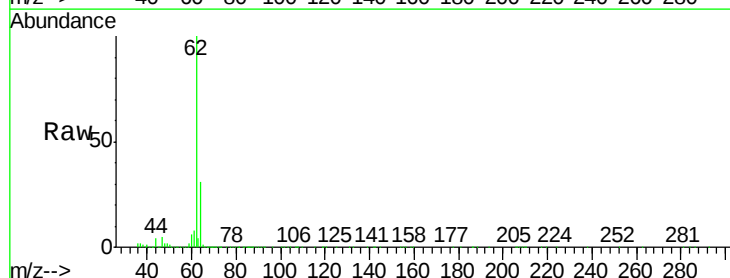
Acq: 11 Sep 2020 12:31

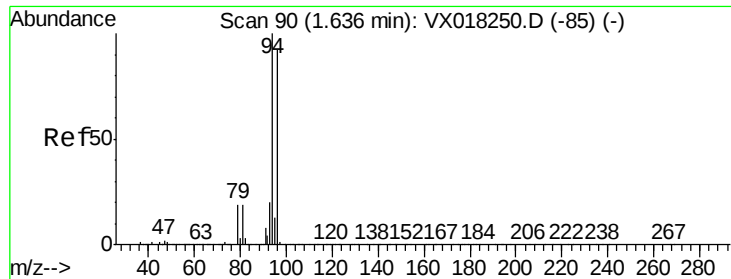
Tgt Ion: 62 Resp: 85624

Ion Ratio Lower Upper

62 100

64 31.3 25.2 37.8





#5

Bromomethane

Concen: 20.045 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX018355.D

Acq: 11 Sep 2020 12:31

Instrument :

MSVOA_X

ClientSampleId :

VX0911WBSD01

Tot Ion: 94 Resp: 60498

Ion Ratio Lower Upper

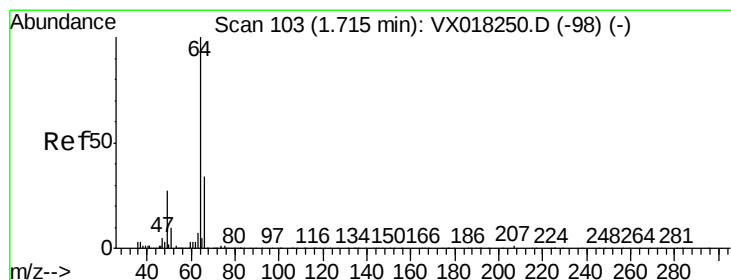
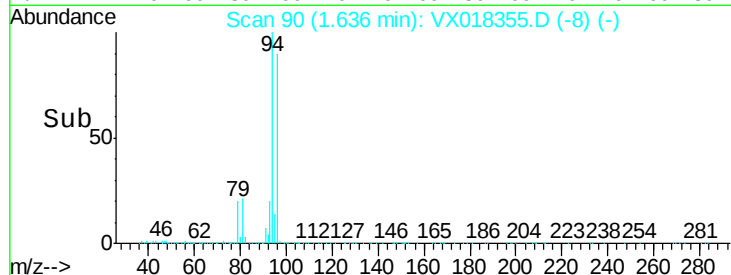
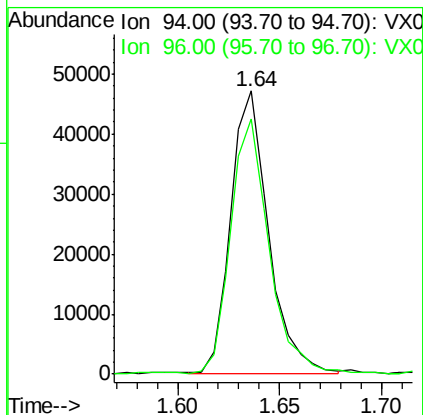
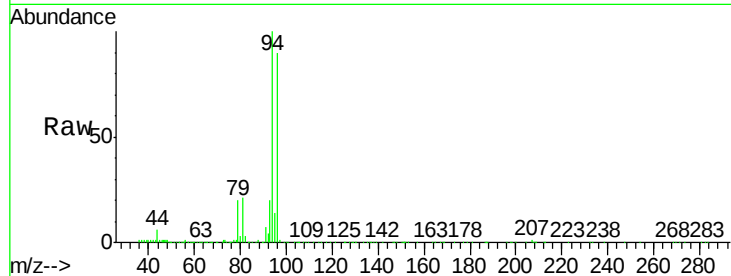
94 100

96 90.4 73.9 110.9

Manual Integrations
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#6

Chloroethane

Concen: 19.776 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX018355.D

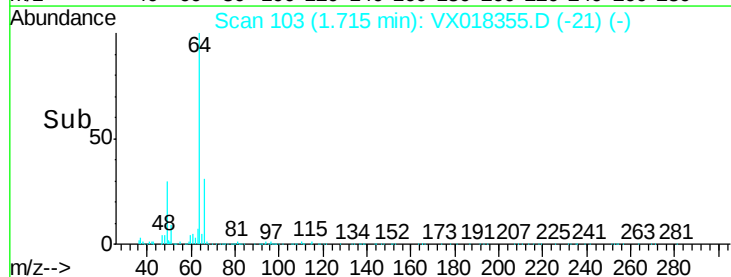
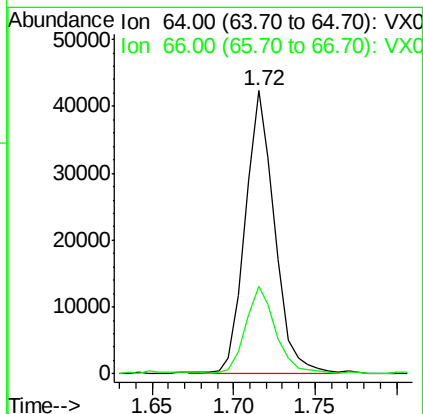
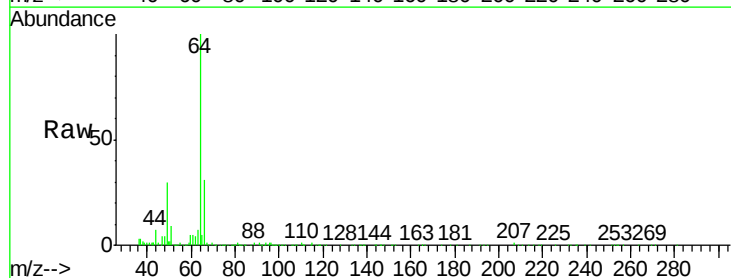
Acq: 11 Sep 2020 12:31

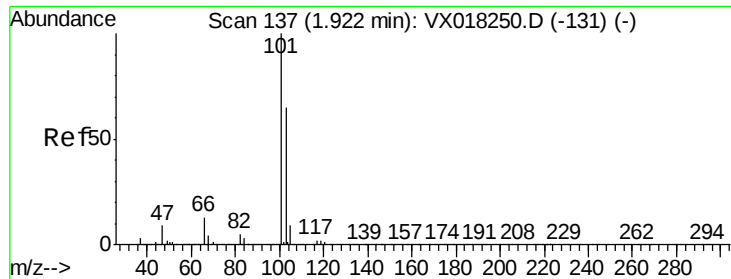
Tgt Ion: 64 Resp: 53318

Ion Ratio Lower Upper

64 100

66 30.9 27.0 40.4





#7

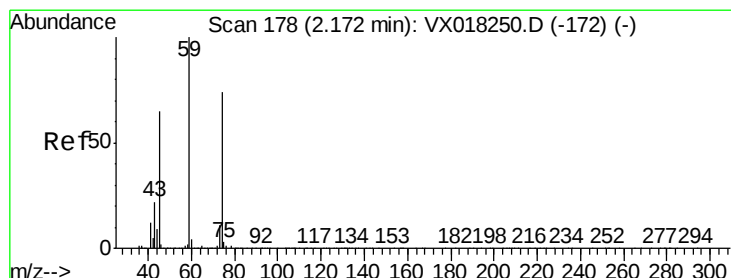
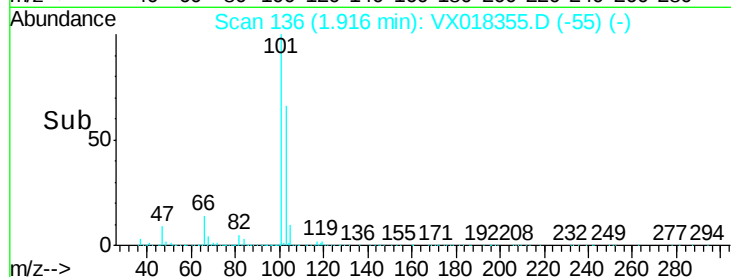
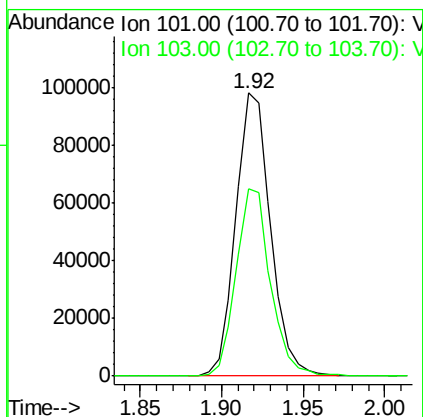
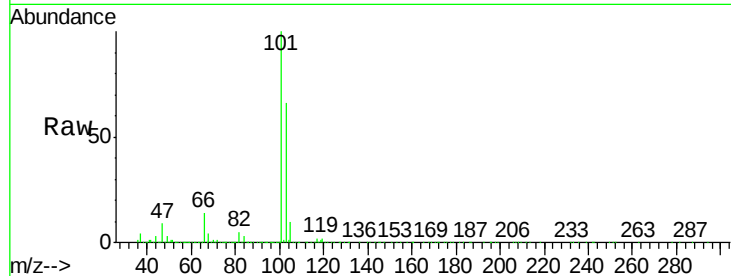
Trichlorofluoromethane
Concen: 19.324 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.01 min
Lab File: VX018355.D
Acq: 11 Sep 2020 12:31

Instrument :
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ClientSampleId :
VX0911WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.3	52.3	78.5

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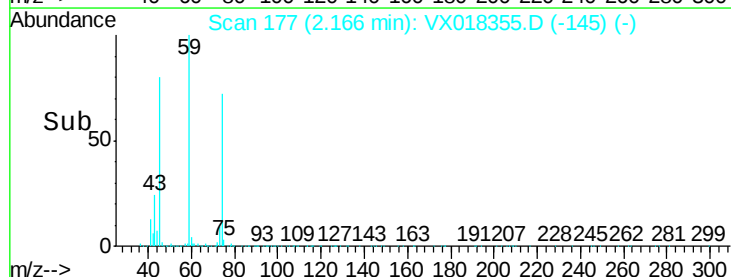
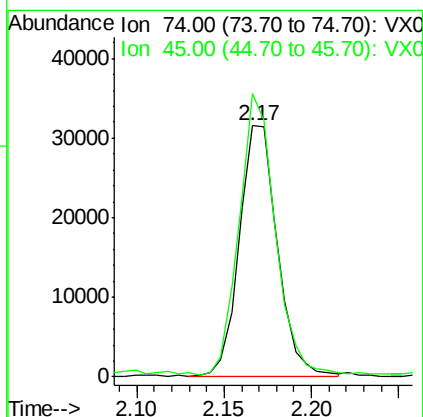
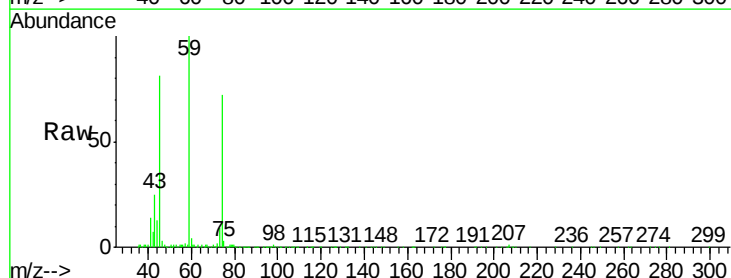
MMDadoda
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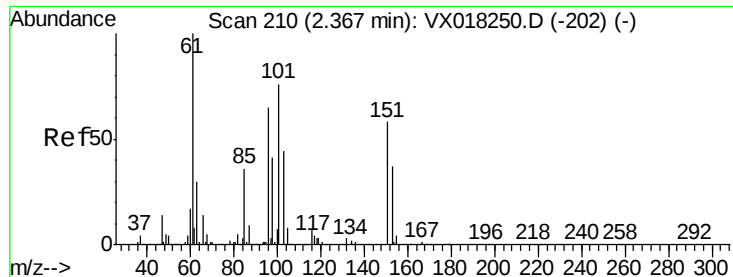


#8

Diethyl Ether
Concen: 20.088 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018355.D
Acq: 11 Sep 2020 12:31

Tgt Ion	Ratio	Lower	Upper
74	100		
45	105.9	20.5	184.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.994 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018355.D

Acq: 11 Sep 2020 12:31

Instrument :

MSVOA_X

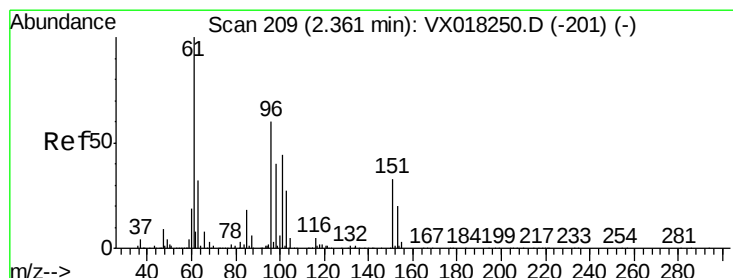
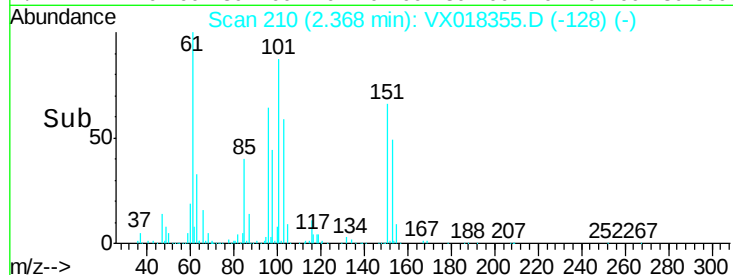
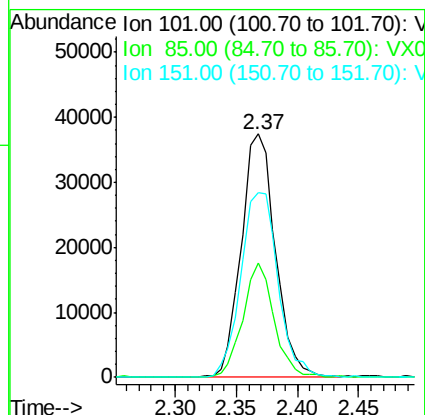
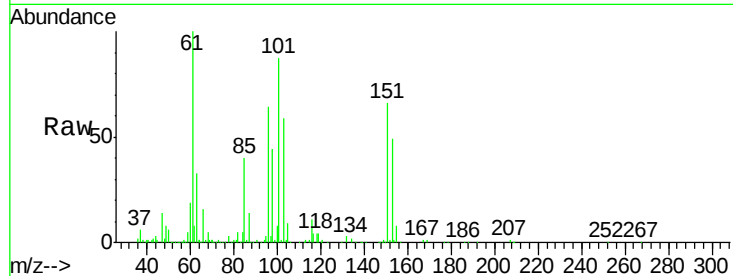
ClientSampleId :

VX0911WBSD01

Tot Ion:	101	Resp:	72956
Ion Ratio	Lower	Upper	
101	100		
85	42.9	0.0	87.8
151	82.8	0.0	161.4

Manual Integrations
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9/14/2020 12:09:49 PM



#10

1,1-Dichloroethene

Concen: 19.824 ug/l

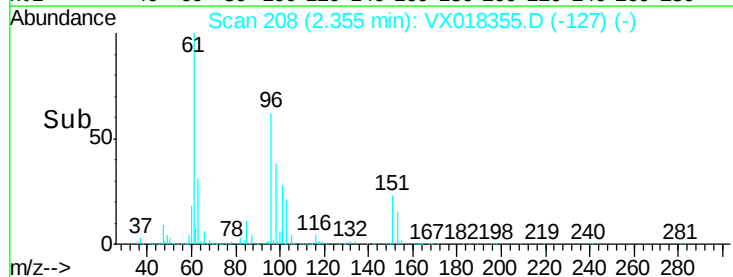
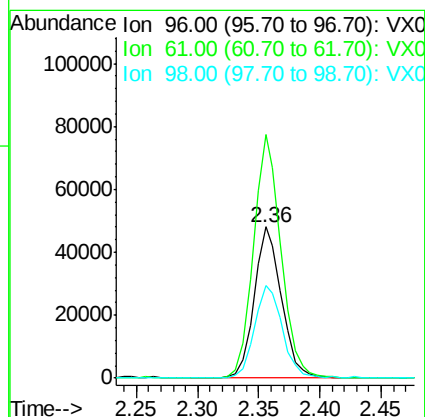
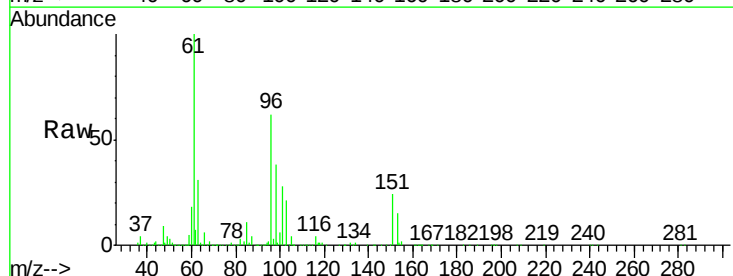
RT: 2.36 min Scan# 208

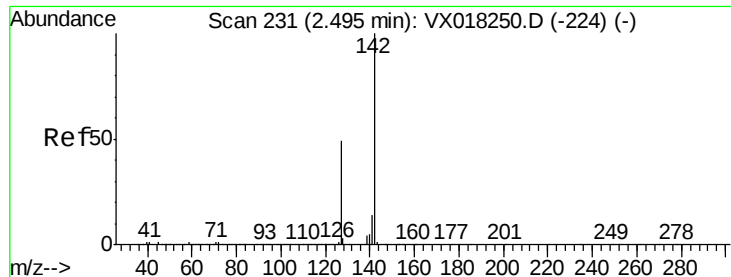
Delta R.T. -0.01 min

Lab File: VX018355.D

Acq: 11 Sep 2020 12:31

Tgt Ion:	96	Resp:	74743
Ion Ratio	Lower	Upper	
96	100		
61	160.8	132.5	198.7
98	61.0	52.4	78.6





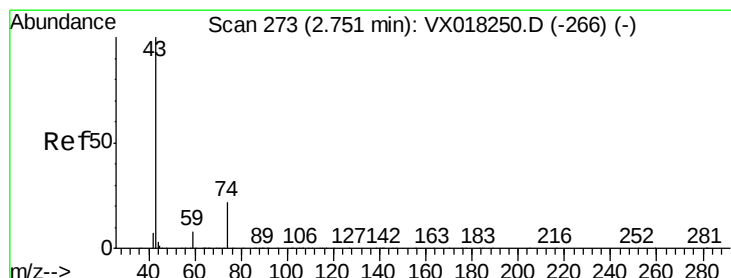
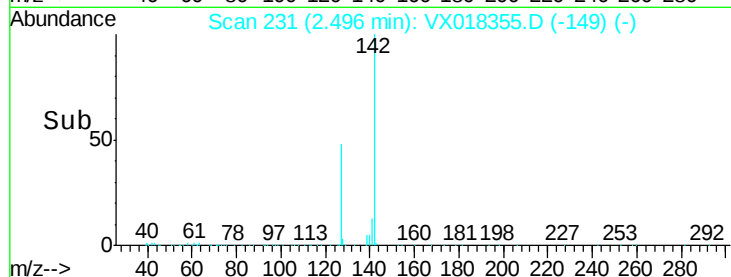
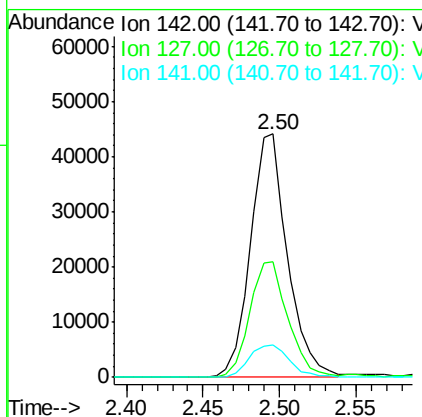
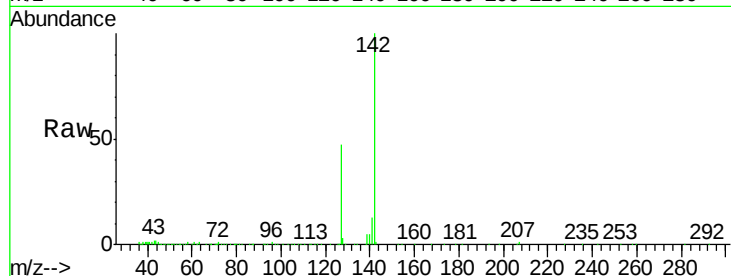
#11
Methvl Iodide
Concen: 20.575 ug/l
RT: 2.50 min Scan# 231
Delta R.T. 0.00 min
Lab File: VX018355.D
Acq: 11 Sep 2020 12:31

Instrument :
MSVOA_X
ClientSampleId :
VX0911WBSD01

Tot Ion	Ratio	Lower	Upper
142	100		
127	47.3	24.6	74.0
141	13.1	7.0	21.0

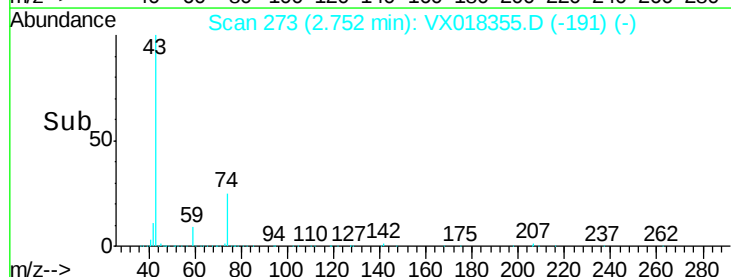
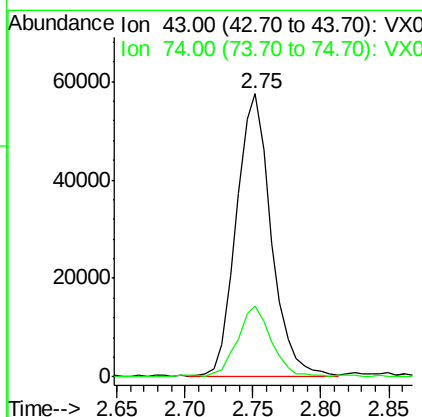
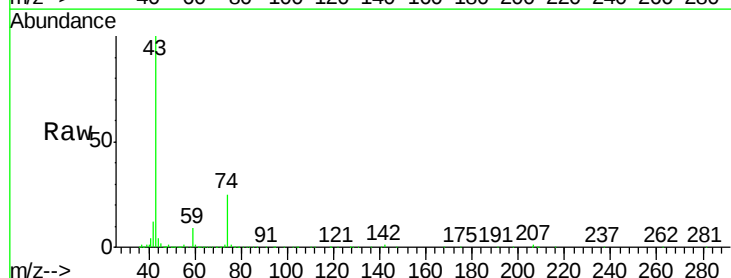
Manual Integrations
APPROVED

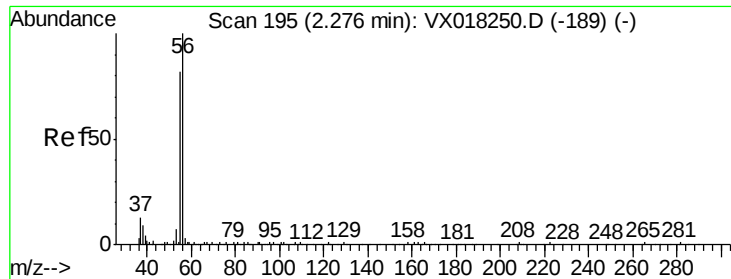
MMDadoda
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#12
Methyl Acetate
Concen: 20.552 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX018355.D
Acq: 11 Sep 2020 12:31

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.5	18.0	27.0





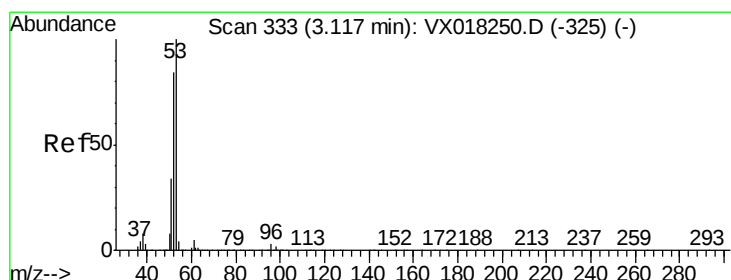
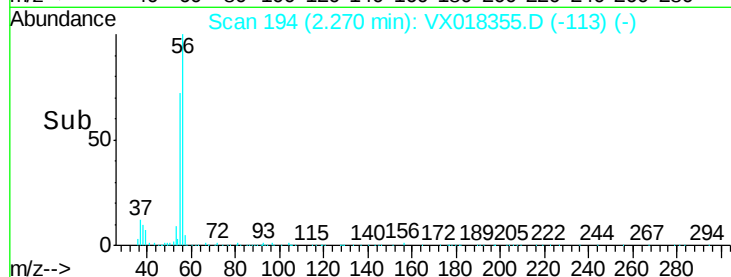
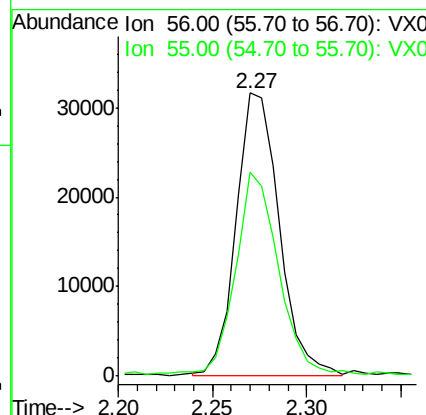
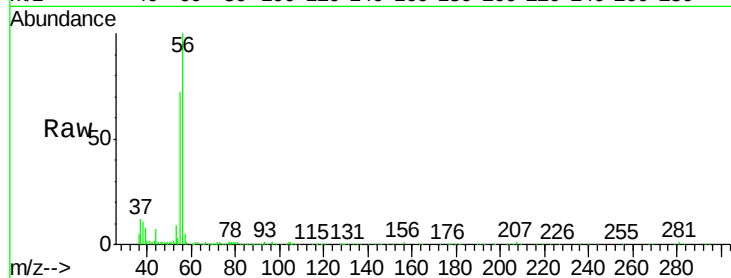
#13
Acrolein
Concen: 125.600 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.01 min
Lab File: VX018355.D
Acq: 11 Sep 2020 12:31

Instrument :
MSVOA_X
ClientSampled :
VX0911WBSD01

Tot Ion	56	Resp	50308
Ion Ratio	100	Lower	Upper
55	71.0	59.7	89.5

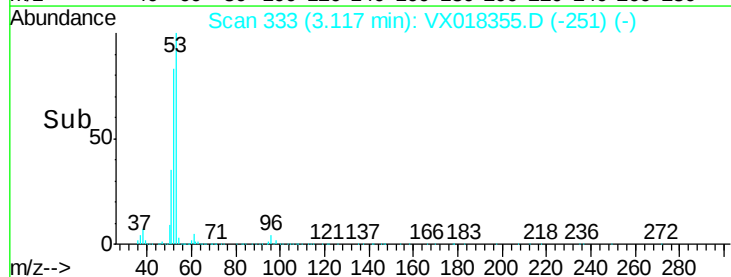
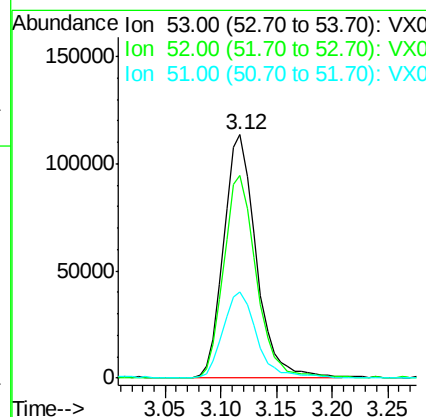
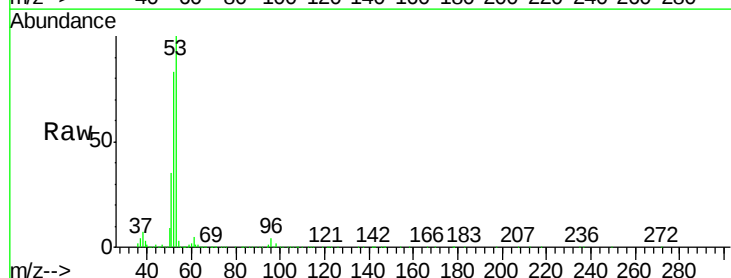
Manual Integrations
APPROVED

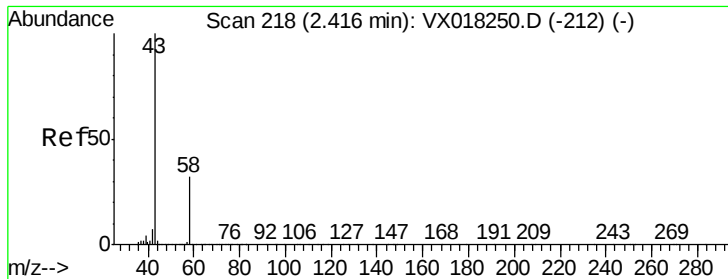
MMDadoda
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#14
Acrylonitrile
Concen: 102.344 ug/l
RT: 3.12 min Scan# 333
Delta R.T. 0.00 min
Lab File: VX018355.D
Acq: 11 Sep 2020 12:31

Tgt Ion	53	Resp	230156
Ion Ratio	100	Lower	Upper
52	83.6	41.9	125.7
51	34.9	18.3	54.8





#15

Acetone

Concen: 99.749 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX018355.D

Acq: 11 Sep 2020 12:31

Instrument :

MSVOA_X

ClientSampleId :

VX0911WBSD01

Tot Ion: 58 Resp: 60990

Ion Ratio Lower Upper

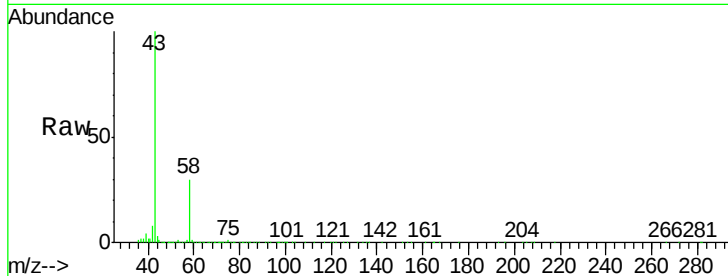
58 100

43 332.1 248.2 372.2

Manual Integrations
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Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

150000

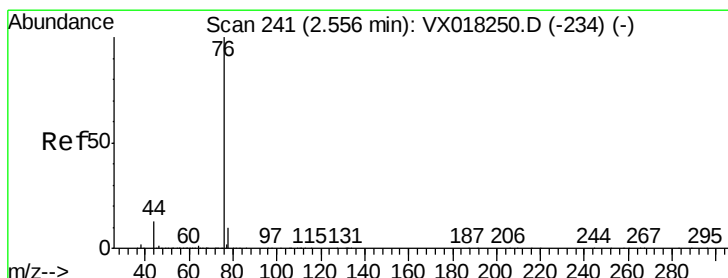
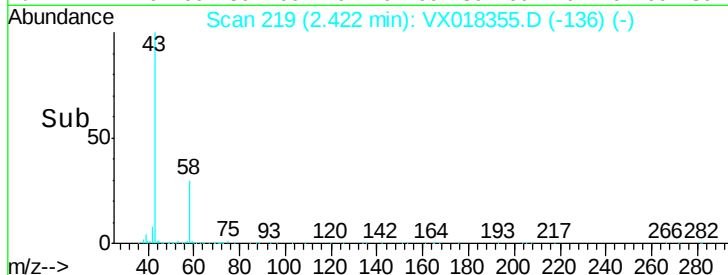
100000

50000

0

2.35 2.40 2.45 2.50

Time-->



#16

Carbon Disulfide

Concen: 19.153 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.01 min

Lab File: VX018355.D

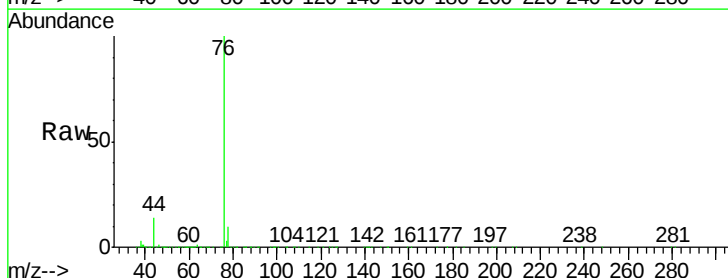
Acq: 11 Sep 2020 12:31

Tgt Ion: 76 Resp: 210269

Ion Ratio Lower Upper

76 100

78 9.4 7.8 11.6



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

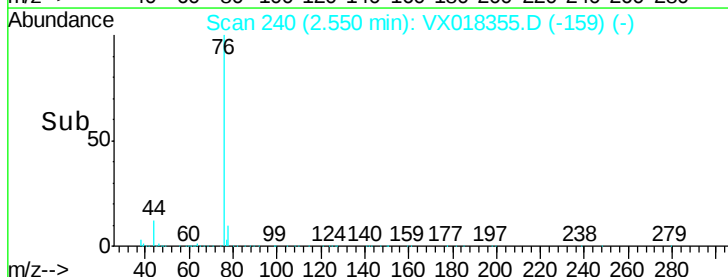
100000

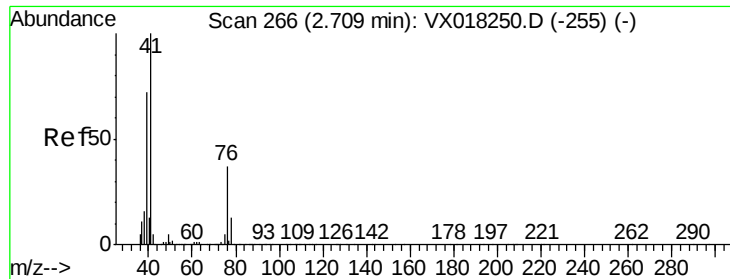
50000

0

2.45 2.50 2.55 2.60 2.65

Time-->





#17

Allvl chloride

Concen: 20.169 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX018355.D

Acq: 11 Sep 2020 12:31

Instrument :

MSVOA_X

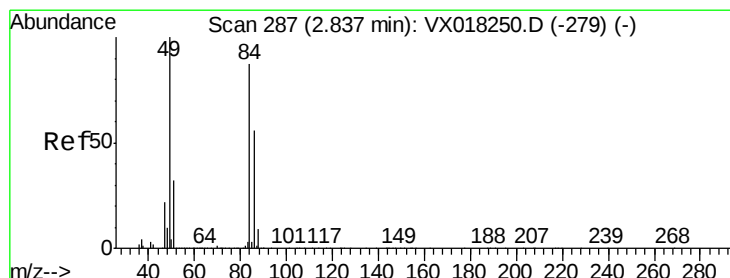
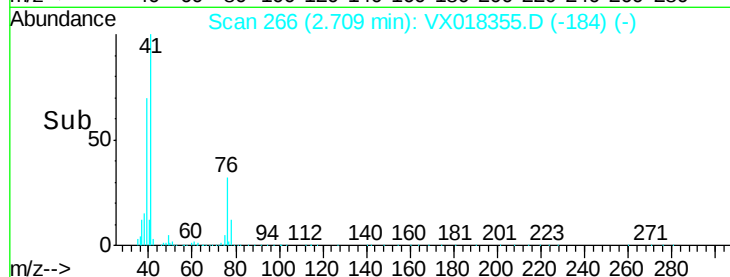
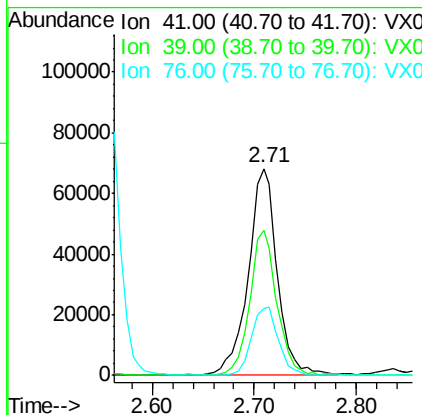
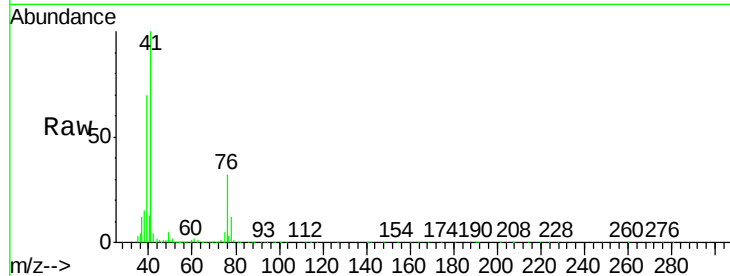
ClientSampleId :

VX0911WBSD01

Tot Ion:	41	Resp:	135919
Ion	Ratio	Lower	Upper
41	100		
39	70.1	36.0	108.1
76	32.2	18.6	55.6

Manual Integrations
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#18

Methylene Chloride

Concen: 19.334 ug/l

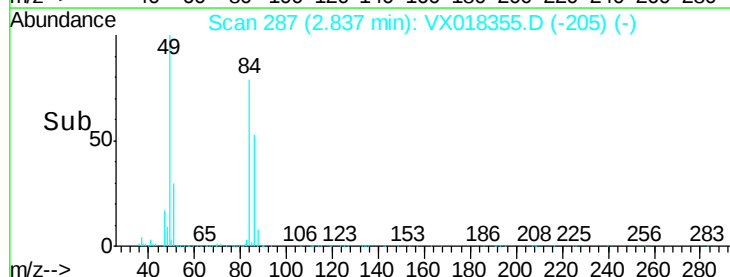
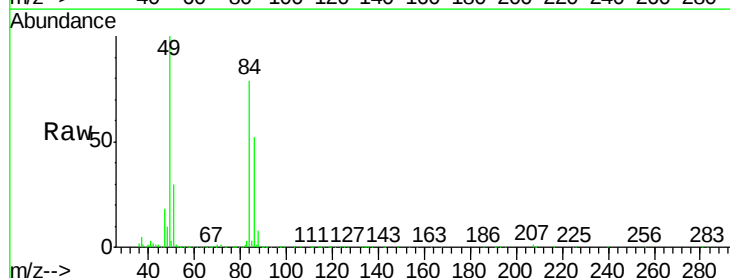
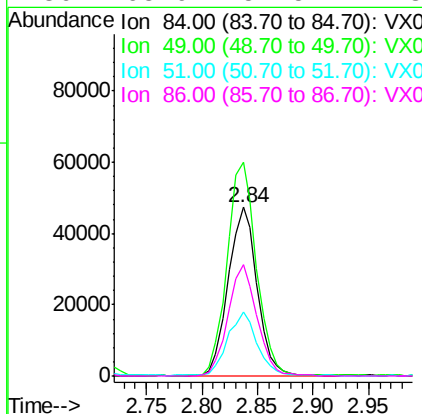
RT: 2.84 min Scan# 287

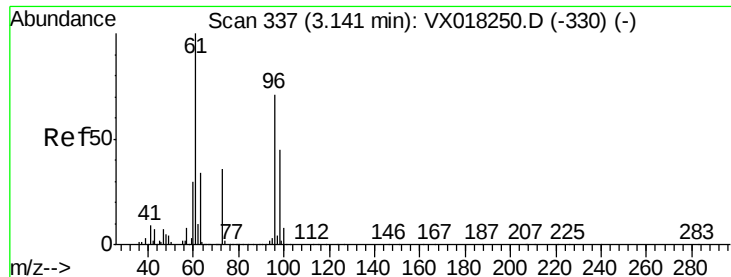
Delta R.T. 0.00 min

Lab File: VX018355.D

Acq: 11 Sep 2020 12:31

Tgt Ion:	84	Resp:	85553
Ion	Ratio	Lower	Upper
84	100		
49	126.5	91.6	137.4
51	38.0	29.4	44.0
86	65.9	51.5	77.3





#19

trans-1,2-Dichloroethene

Concen: 19.859 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX018355.D

Acq: 11 Sep 2020 12:31

Instrument :

MSVOA_X

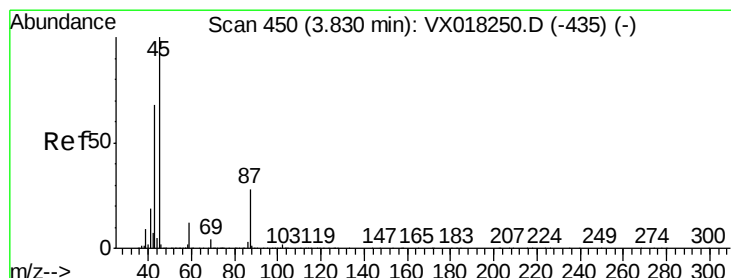
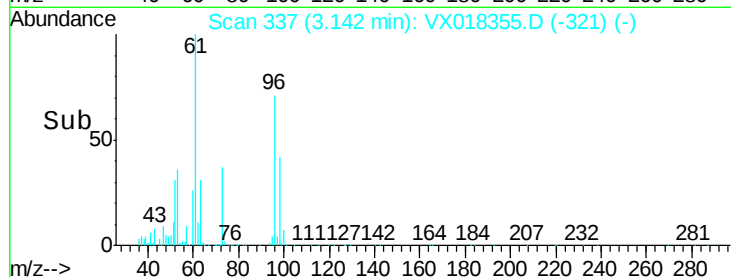
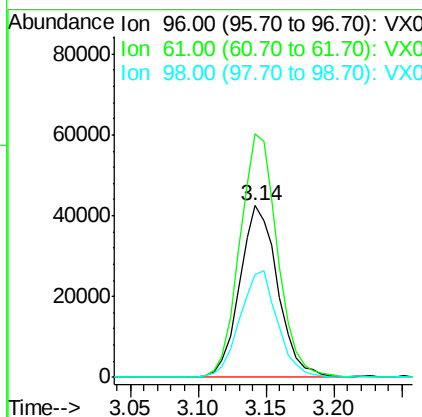
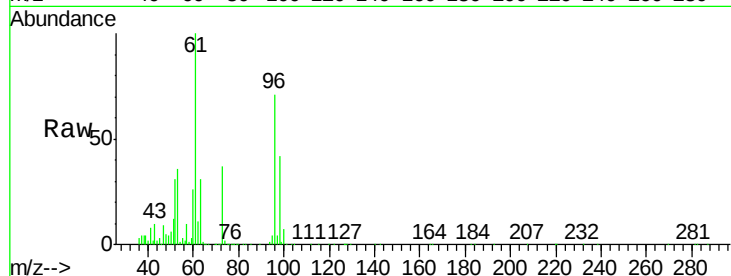
ClientSampleId :

VX0911WBSD01

Tot Ion:	96	Resp:	83130
Ion	Ratio	Lower	Upper
96	100		
61	141.7	112.8	169.2
98	59.9	51.0	76.4

Manual Integrations
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#20

Diisopropyl ether

Concen: 20.272 ug/l

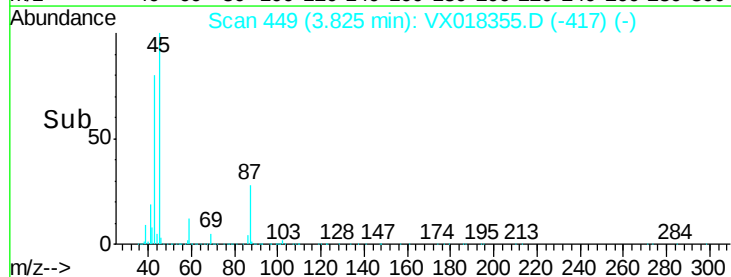
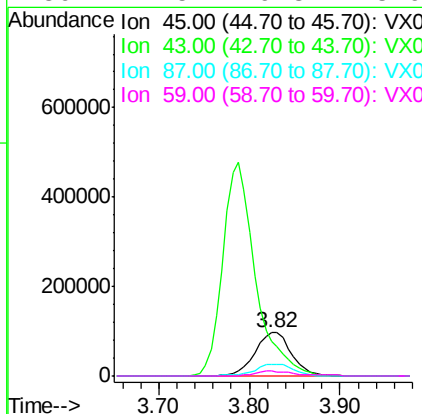
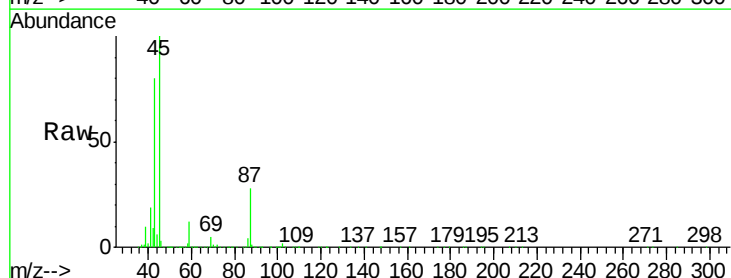
RT: 3.82 min Scan# 449

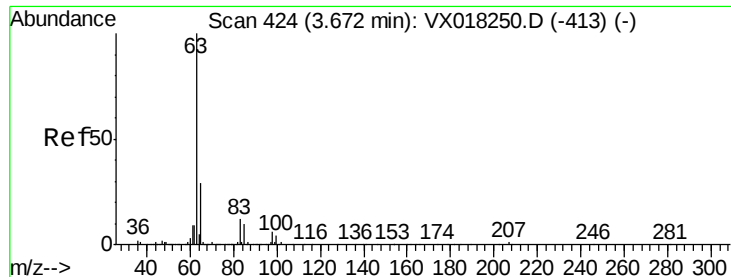
Delta R.T. -0.01 min

Lab File: VX018355.D

Acq: 11 Sep 2020 12:31

Tgt Ion:	45	Resp:	270458
Ion	Ratio	Lower	Upper
45	100		
43	79.6	54.5	81.7
87	27.8	22.2	33.2
59	11.5	9.3	13.9





#21

1,1-Dichloroethane

Concen: 19.559 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX018355.D

Acq: 11 Sep 2020 12:31

Instrument :

MSVOA_X

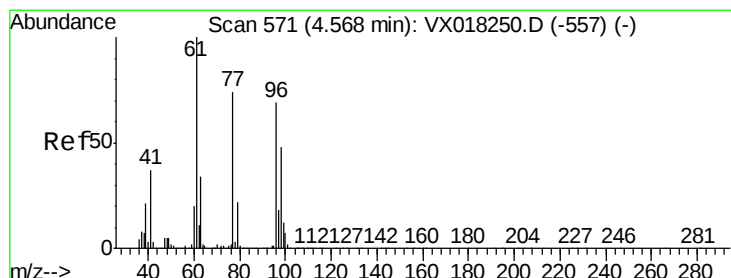
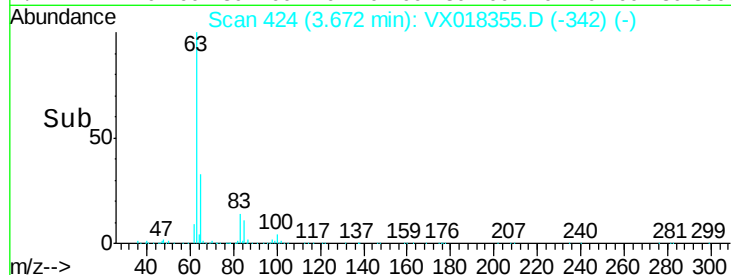
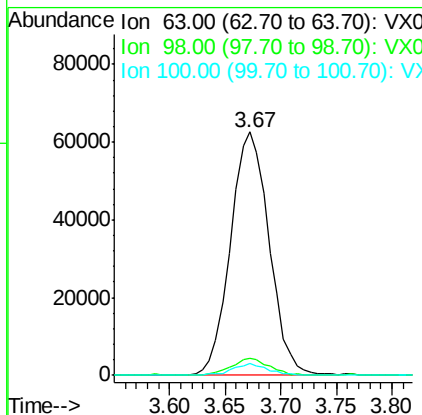
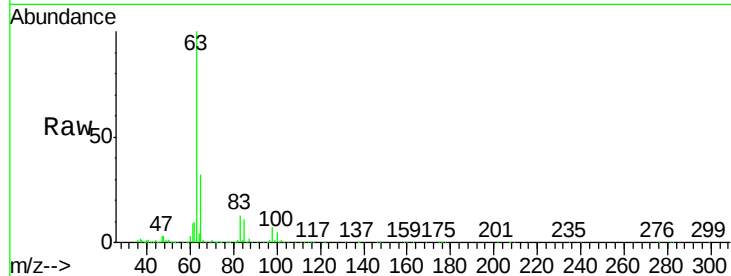
ClientSampleId :

VX0911WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
63	100	149776		
98	6.9	3.2	9.6	
100	5.0	2.1	6.3	

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#22

cis-1,2-Dichloroethene

Concen: 20.436 ug/l

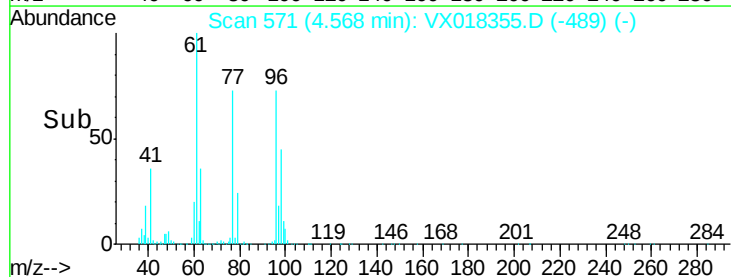
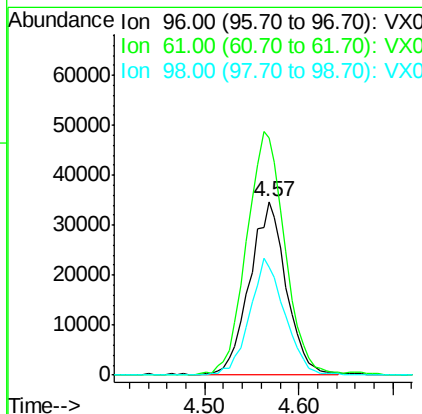
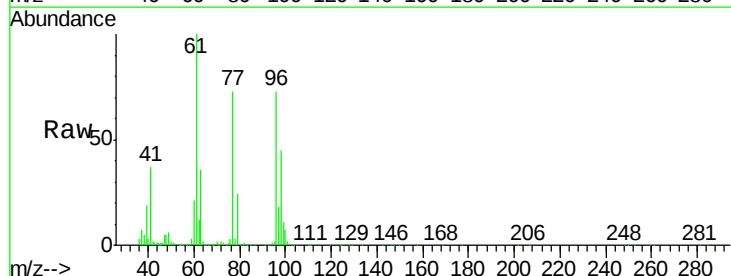
RT: 4.57 min Scan# 571

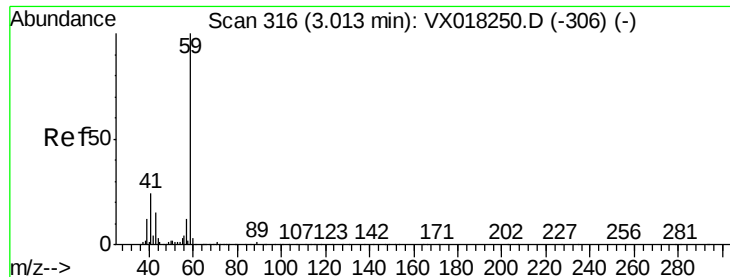
Delta R.T. 0.00 min

Lab File: VX018355.D

Acq: 11 Sep 2020 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	94651		
61	145.8	116.2	174.4	
98	63.6	52.5	78.7	





#23

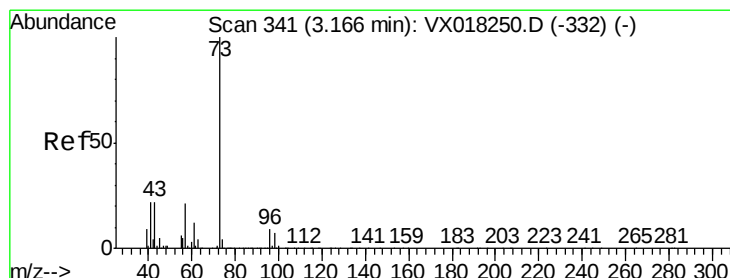
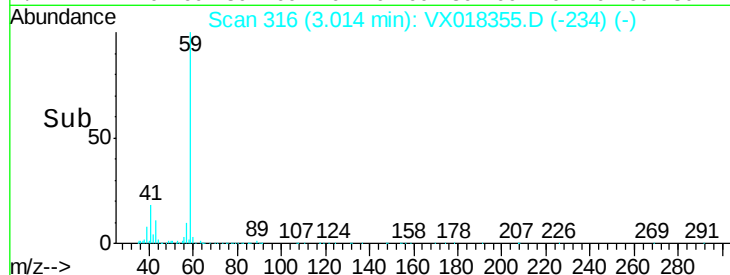
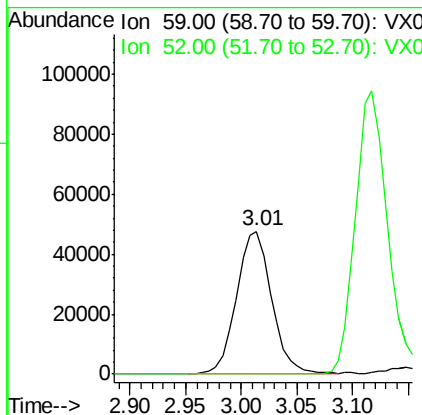
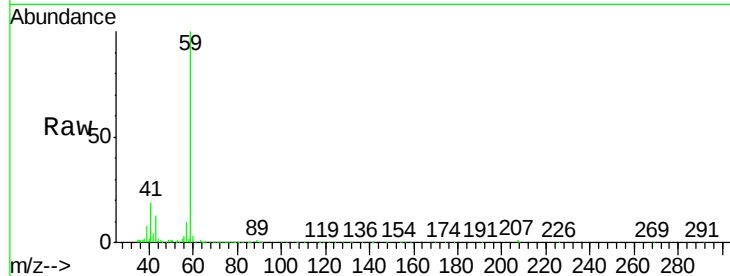
tert-Butyl Alcohol
Concen: 106.997 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX018355.D
Acq: 11 Sep 2020 12:31

Instrument :
MSVOA_X
ClientSampleId :
VX0911WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.2	0.4	0.6#

Manual Integrations
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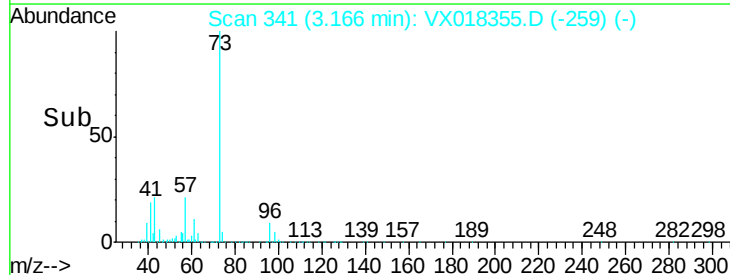
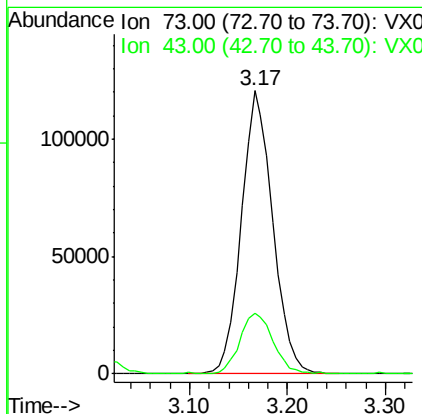
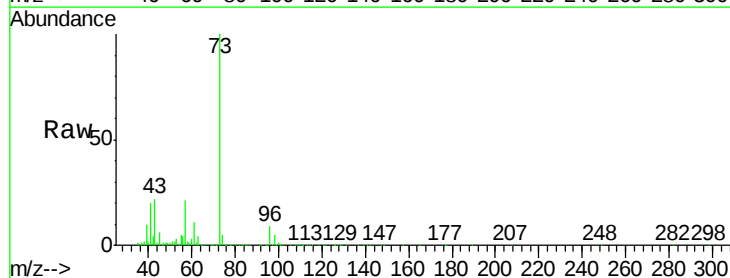
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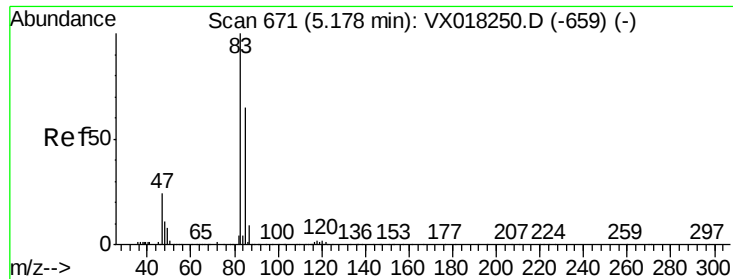


#24

Methyl tert-Butyl Ether
Concen: 19.994 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX018355.D
Acq: 11 Sep 2020 12:31

Tgt Ion	Ratio	Lower	Upper
73	100		
43	22.4	17.8	26.6





#25

Chloroform

Concen: 20.136 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX018355.D

Acq: 11 Sep 2020 12:31

Instrument :

MSVOA_X

ClientSampleId :

VX0911WBSD01

Tot Ion: 83 Resp: 164561

Ion Ratio Lower Upper

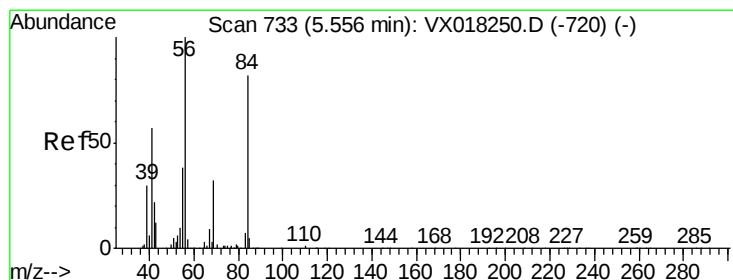
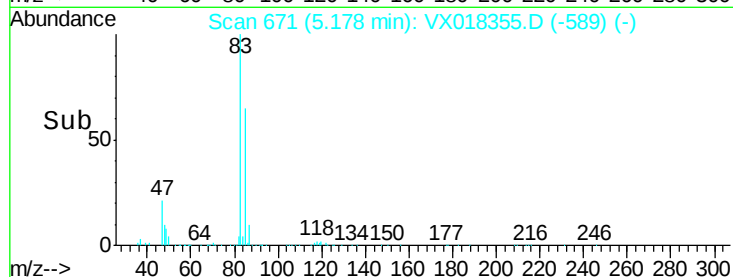
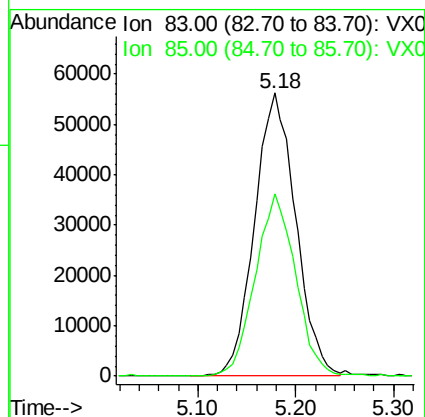
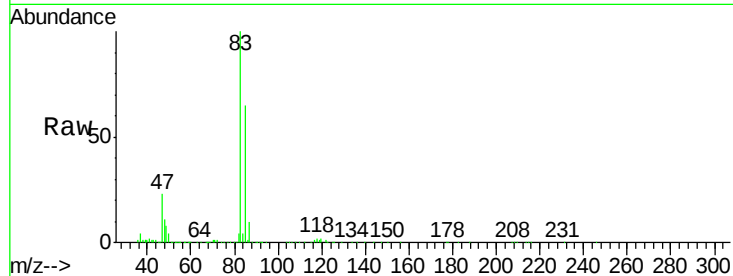
83 100

85 64.5 51.6 77.4

Manual Integrations
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#26

Cyclohexane

Concen: 19.069 ug/l

RT: 5.56 min Scan# 733

Delta R.T. 0.00 min

Lab File: VX018355.D

Acq: 11 Sep 2020 12:31

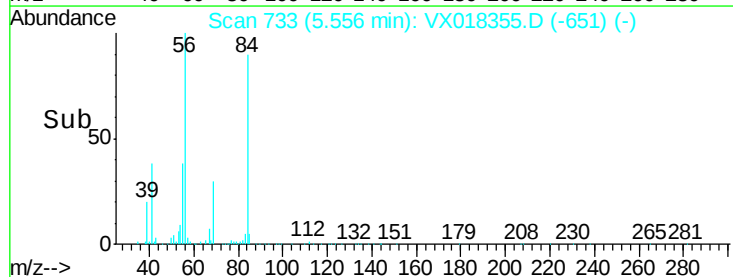
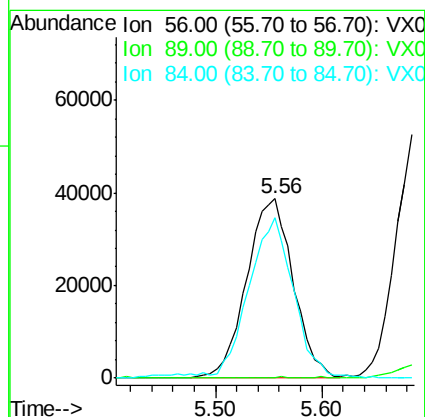
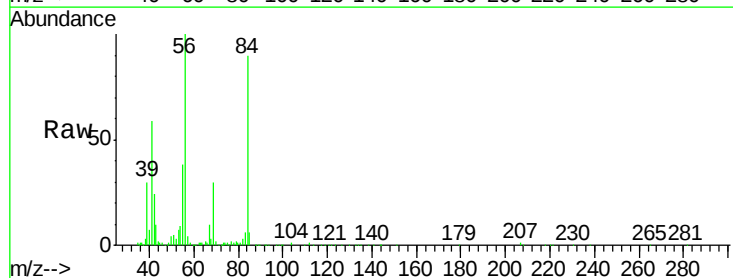
Tgt Ion: 56 Resp: 117865

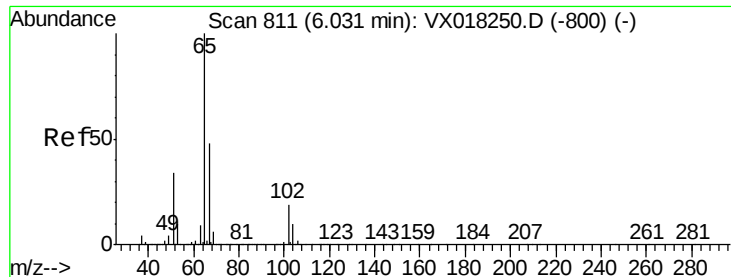
Ion Ratio Lower Upper

56 100

89 0.1 0.1 0.1

84 83.4 41.0 61.4#





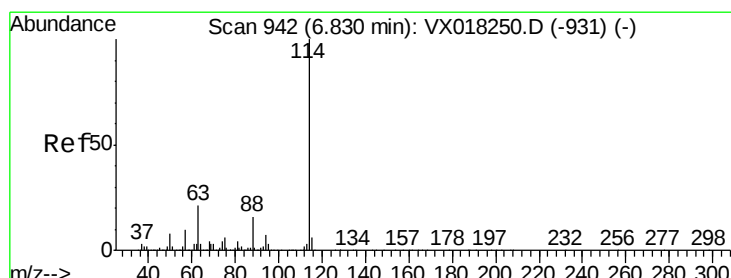
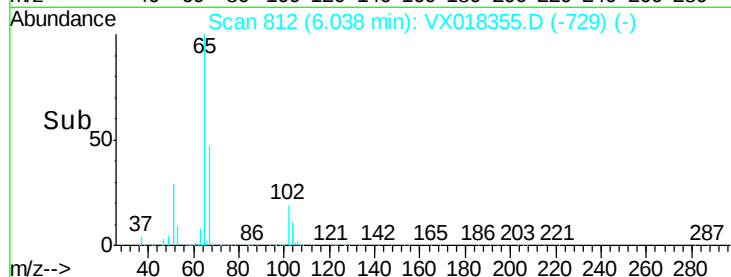
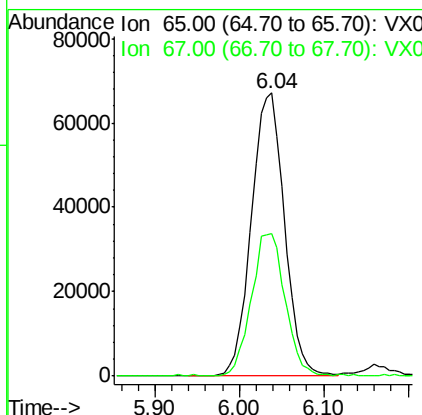
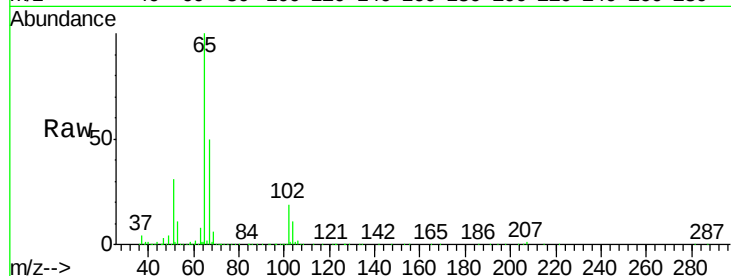
#27
 1,2-Dichloroethane-d4
 Concen: 30.378 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: VX018355.D
 Acq: 11 Sep 2020 12:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0911WBSD01

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.3	39.9	59.9

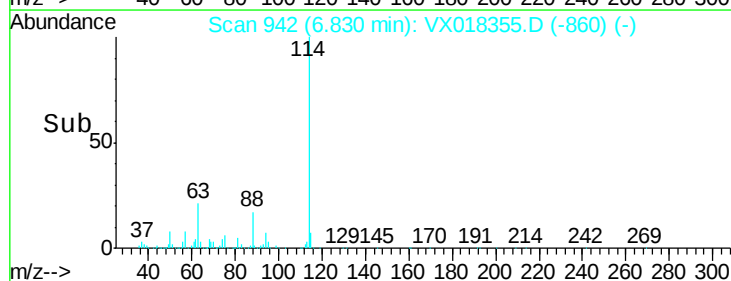
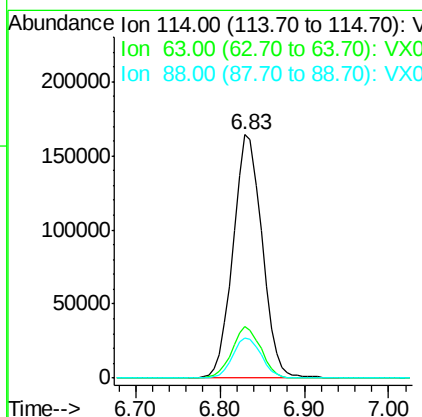
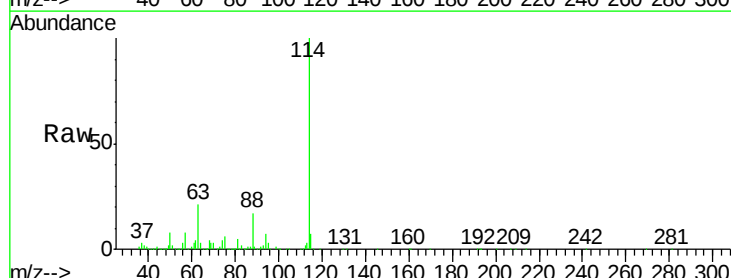
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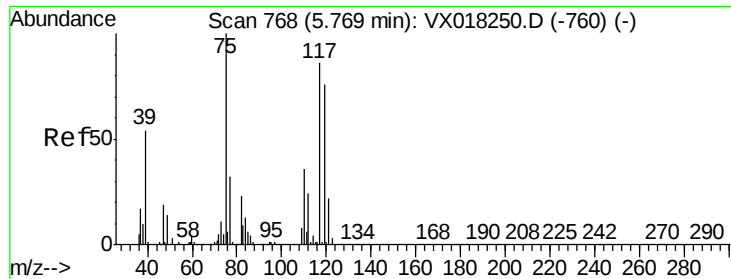
MMDadoda
 9/14/2020 12:09:49 PM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX018355.D
 Acq: 11 Sep 2020 12:31

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.9	16.7	25.1
88	16.2	12.6	18.8





#29

1,1-Dichloropropene

Concen: 18.957 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX018355.D

Acq: 11 Sep 2020 12:31

Instrument :

MSVOA_X

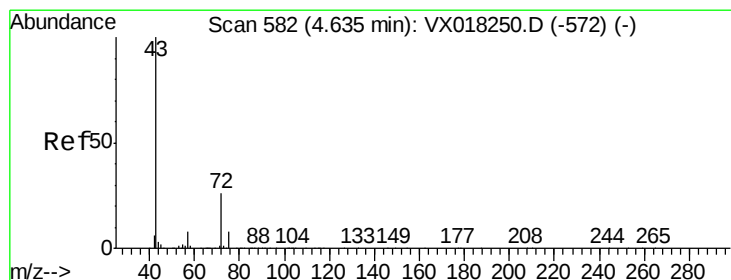
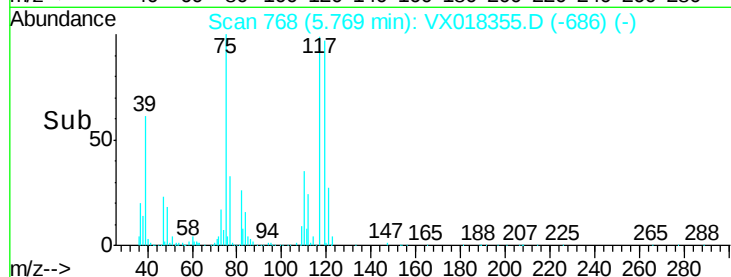
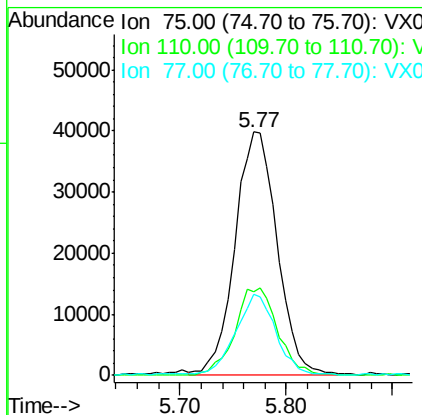
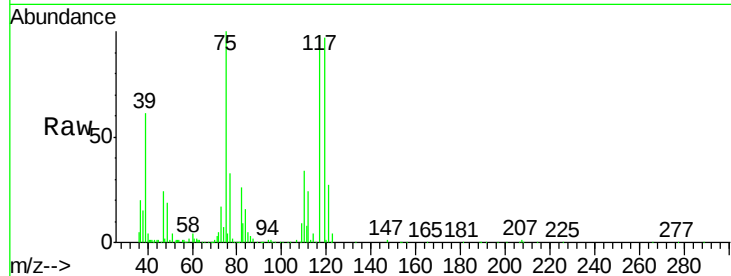
ClientSampleId :

VX0911WBSD01

Tot Ion:	75	Resp:	110882
Ion Ratio	Lower	Upper	
75	100		
110	36.2	0.0	72.2
77	31.8	0.0	61.0

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#30

2-Butanone

Concen: 101.522 ug/l

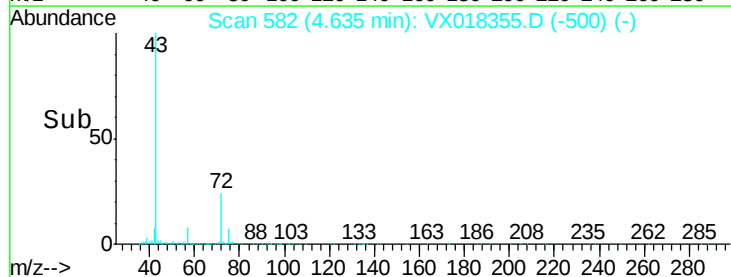
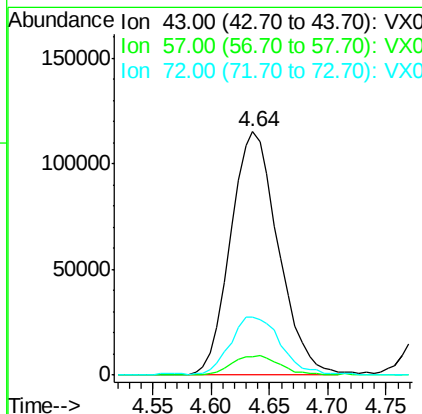
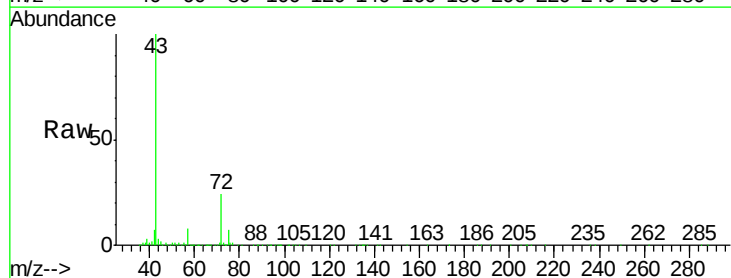
RT: 4.64 min Scan# 582

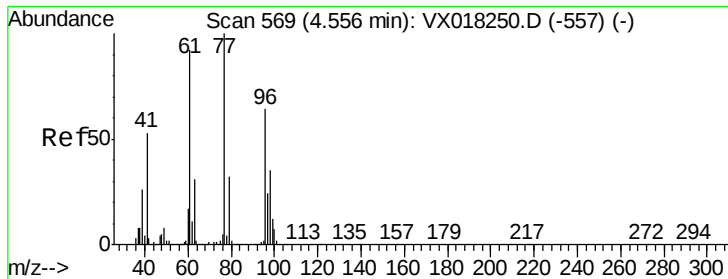
Delta R.T. 0.00 min

Lab File: VX018355.D

Acq: 11 Sep 2020 12:31

Tgt Ion:	43	Resp:	325145
Ion Ratio	Lower	Upper	
43	100		
57	8.3	6.7	10.1
72	24.3	20.0	30.0





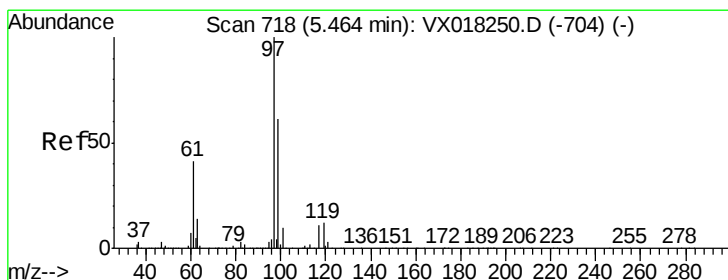
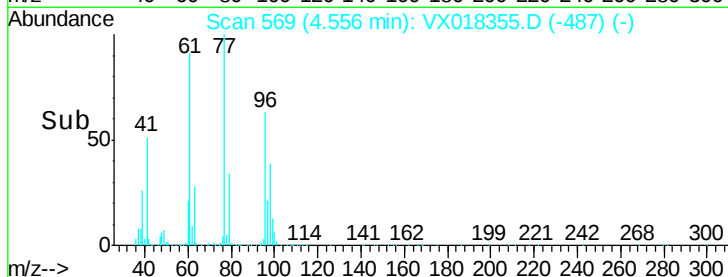
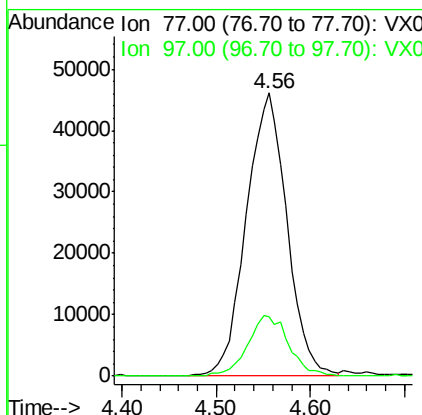
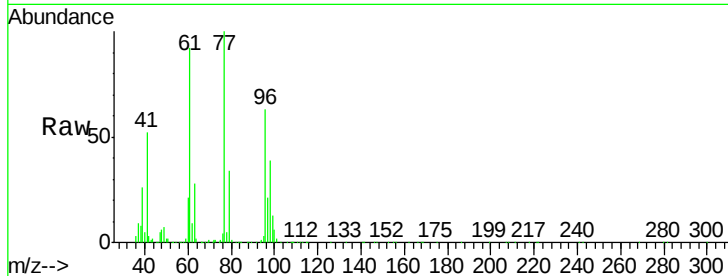
#31
 2,2-Dichloropropane
 Concen: 19.630 ug/l
 RT: 4.56 min Scan# 569
 Delta R.T. 0.00 min
 Lab File: VX018355.D
 Acq: 11 Sep 2020 12:31

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0911WBSD01

Tot Ion	Ratio	Lower	Upper
77	100		
97	21.8	18.1	27.1

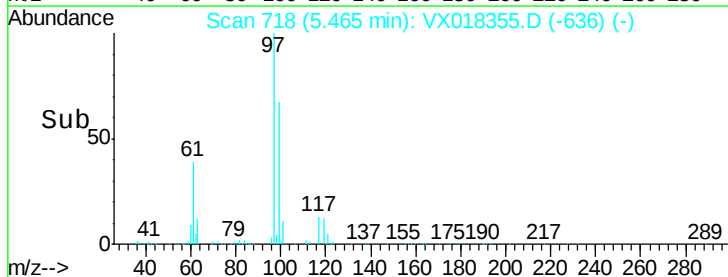
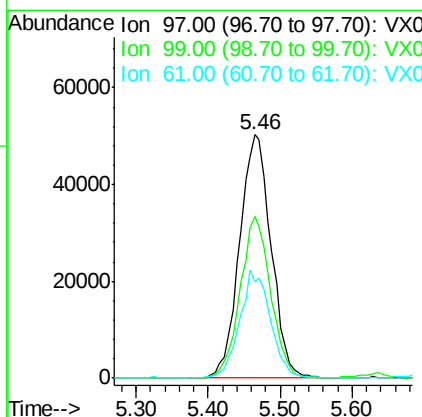
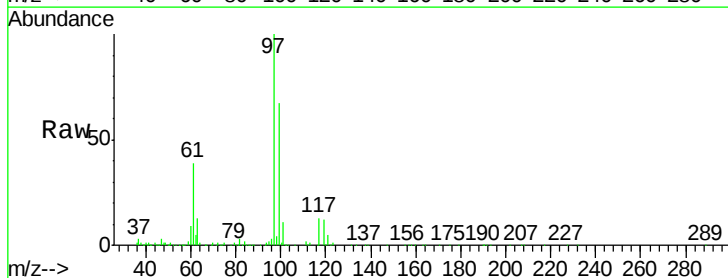
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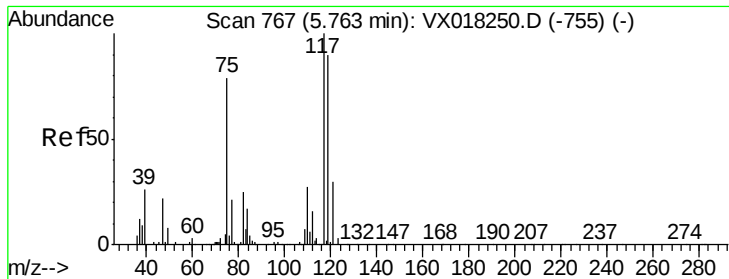
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#32
 1,1,1-Trichloroethane
 Concen: 19.984 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: VX018355.D
 Acq: 11 Sep 2020 12:31

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	50.7	76.1
61	42.7	34.5	51.7





#33

Carbon Tetrachloride

Concen: 19.290 ug/l

RT: 5.76 min Scan# 766

Delta R.T. -0.01 min

Lab File: VX018355.D

Acq: 11 Sep 2020 12:31

Instrument :

MSVOA_X

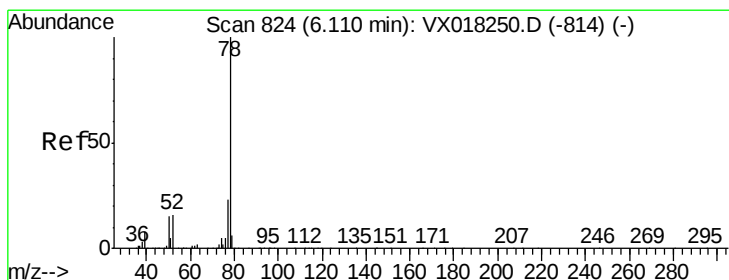
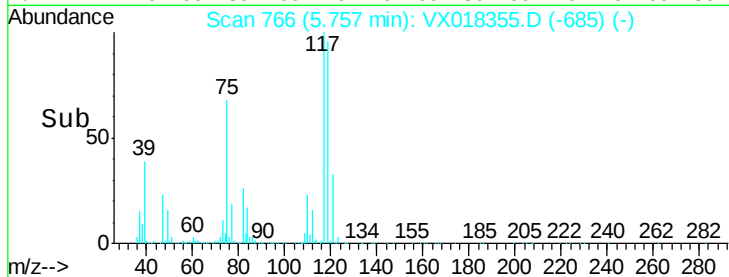
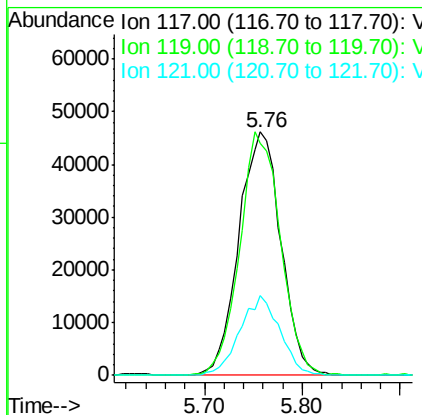
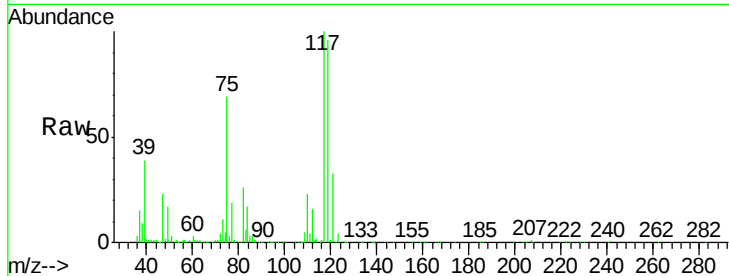
ClientSampleId :

VX0911WBSD01

Tot Ion:	117	Resp:	137615
Ion Ratio	Lower	Upper	
117	100		
119	95.4	72.3	108.5
121	32.8	24.1	36.1

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#34

Benzene

Concen: 19.796 ug/l

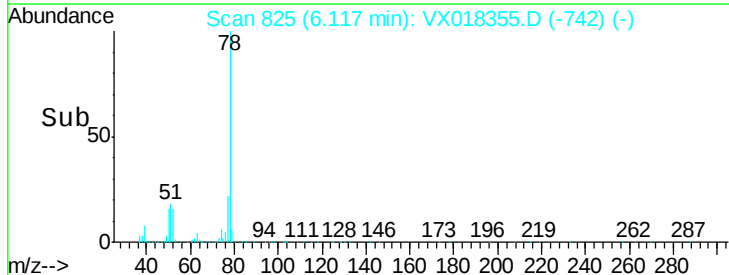
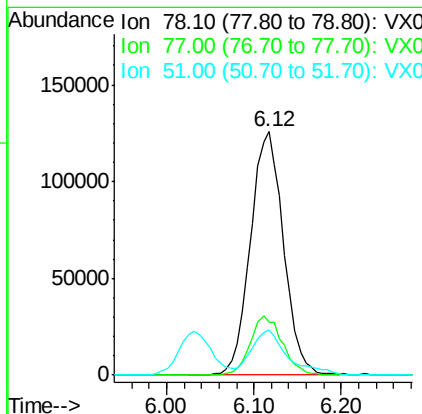
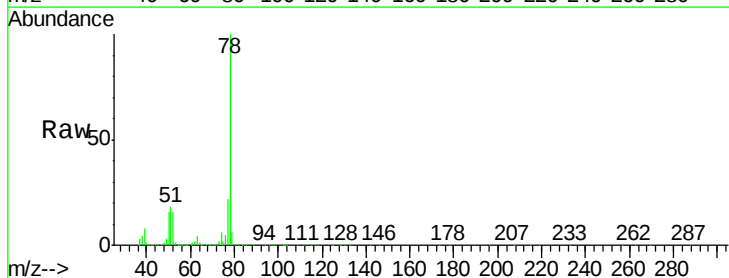
RT: 6.12 min Scan# 825

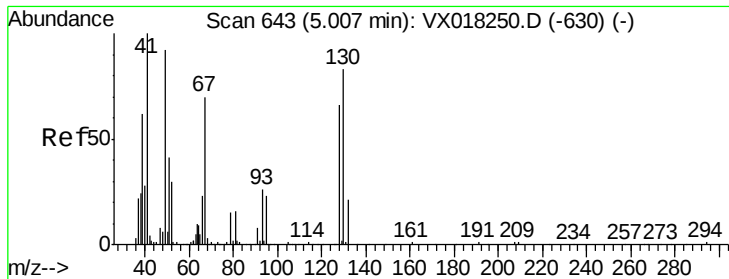
Delta R.T. 0.01 min

Lab File: VX018355.D

Acq: 11 Sep 2020 12:31

Tgt Ion:	78	Resp:	330521
Ion Ratio	Lower	Upper	
78	100		
77	21.6	18.3	27.5
51	17.6	11.3	16.9#





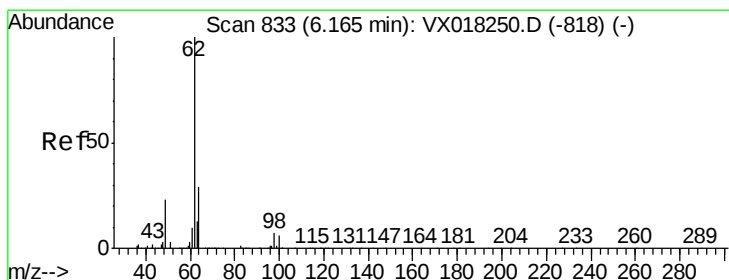
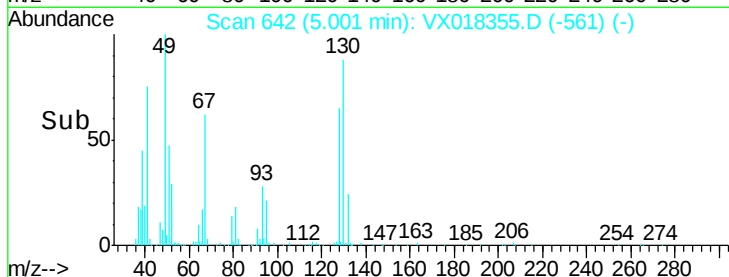
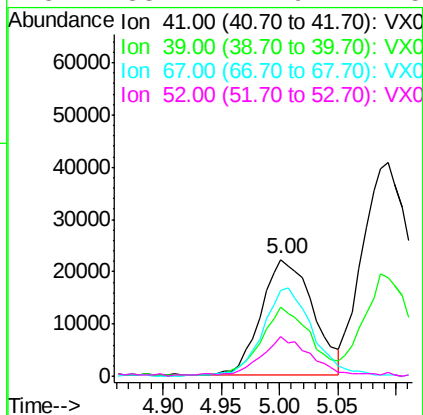
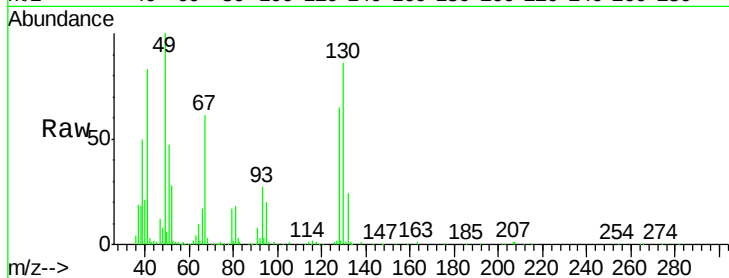
#35
Methacrylonitrile
Concen: 20.412 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX018355.D
Acq: 11 Sep 2020 12:31

Instrument :
MSVOA_X
ClientSampleId :
VX0911WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	59.1	31.3	93.9	
67	73.1	35.4	106.2	
52	33.4	14.9	44.5	

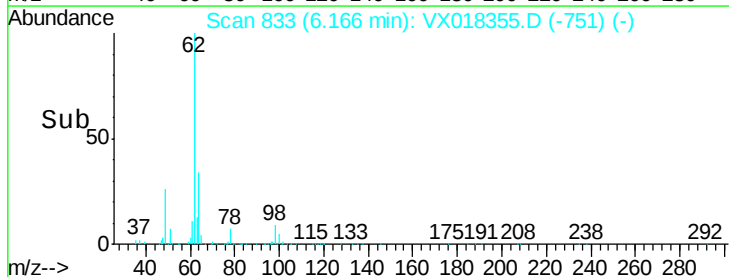
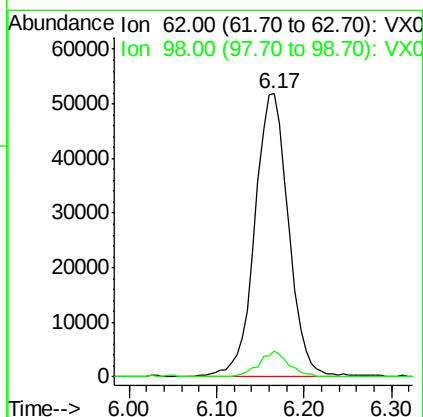
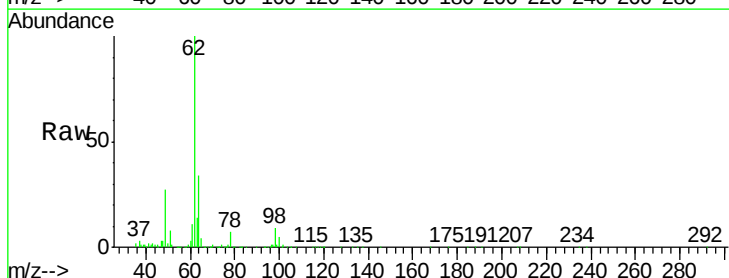
Manual Integrations
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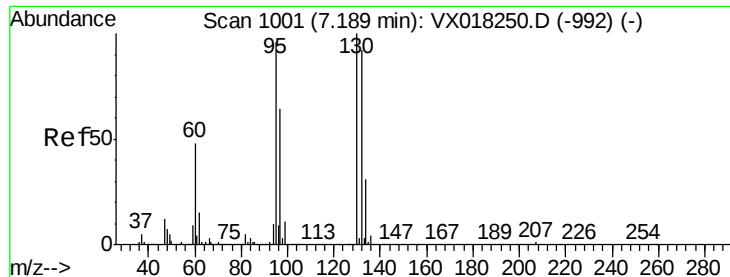
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#36
1,2-Dichloroethane
Concen: 20.262 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX018355.D
Acq: 11 Sep 2020 12:31

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.1	0.0	0.0#	





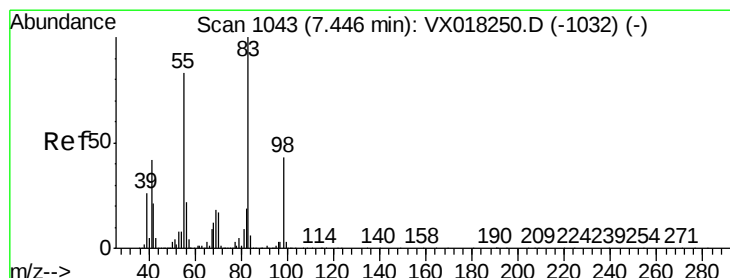
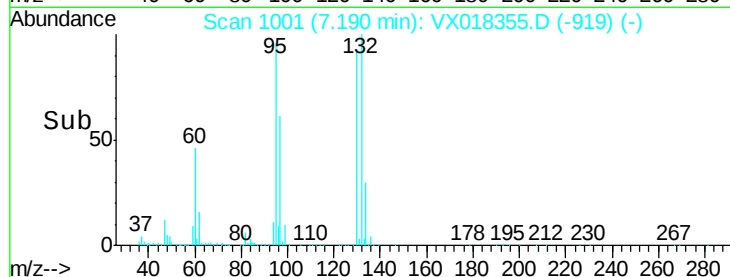
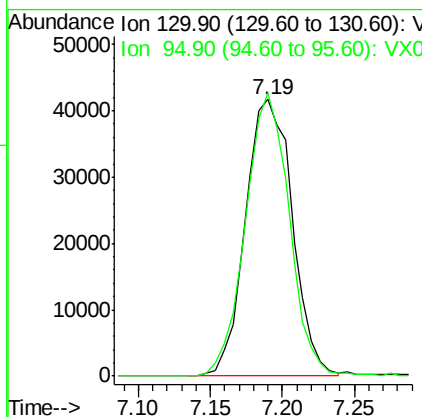
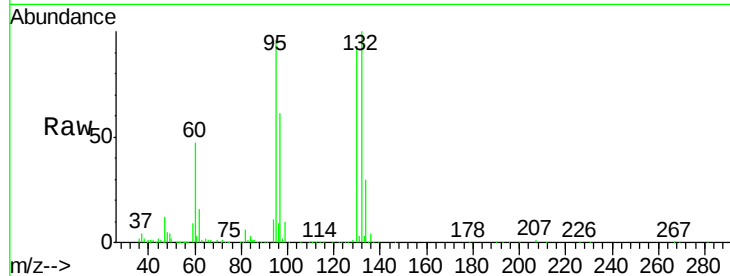
#37
 Trichloroethene
 Concen: 19.445 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX018355.D
 Acq: 11 Sep 2020 12:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0911WBSD01

Tot Ion:130 Resp: 93881
 Ion Ratio Lower Upper
 130 100
 95 102.0 76.9 115.3

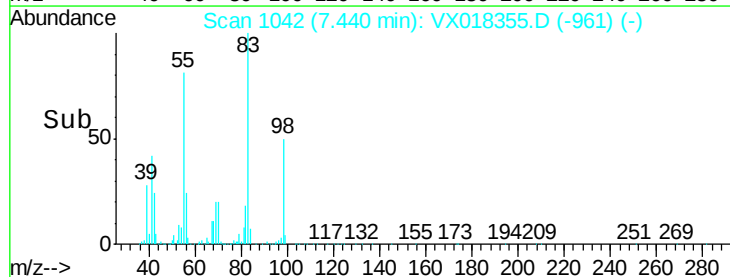
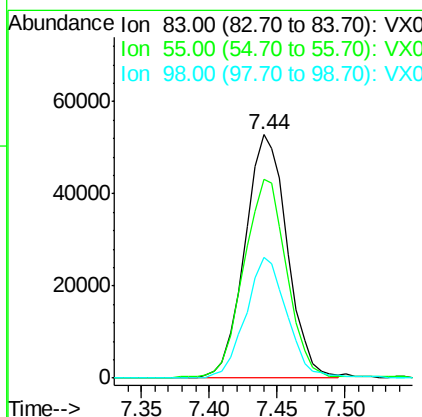
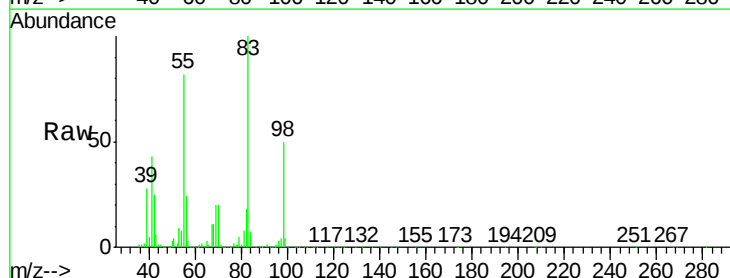
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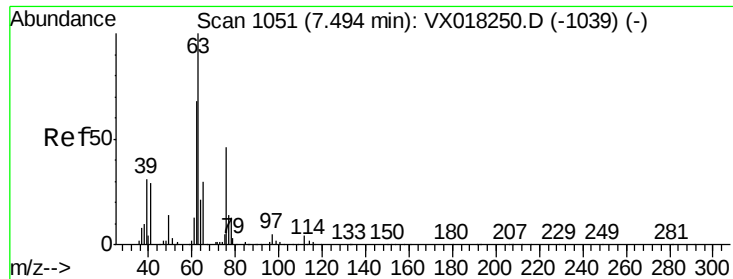
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#38
 Methylcyclohexane
 Concen: 18.490 ug/l
 RT: 7.44 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX018355.D
 Acq: 11 Sep 2020 12:31

Tgt Ion: 83 Resp: 115200
 Ion Ratio Lower Upper
 83 100
 55 82.6 41.1 123.4
 98 48.2 24.0 72.0





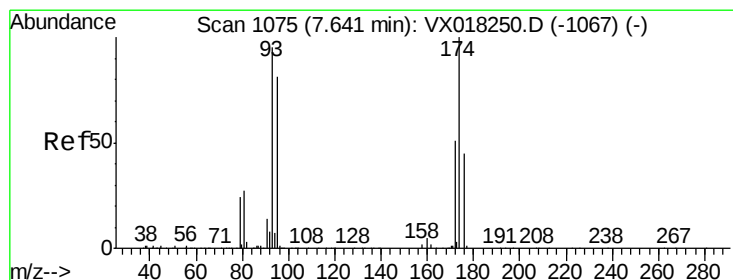
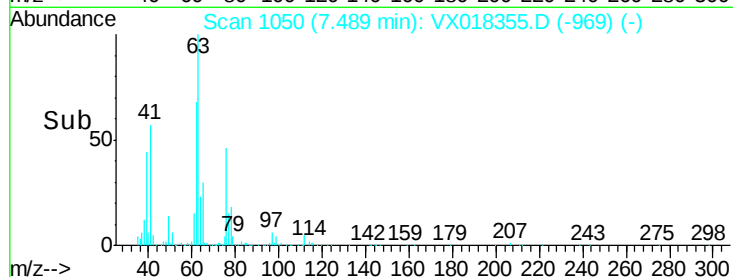
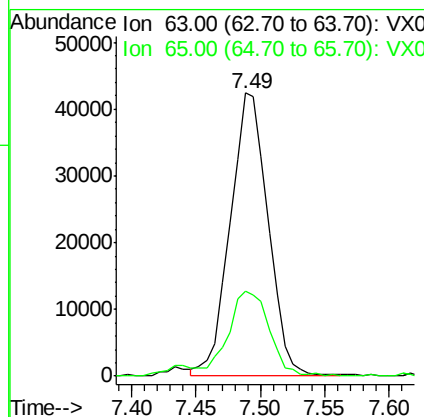
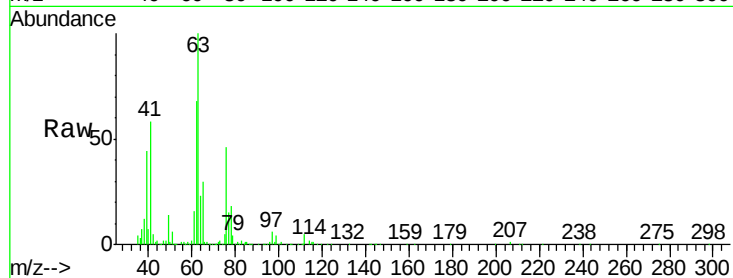
#39
 1,2-Dichloropropane
 Concen: 19.374 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VX018355.D
 Acq: 11 Sep 2020 12:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0911WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.8	25.7	38.5

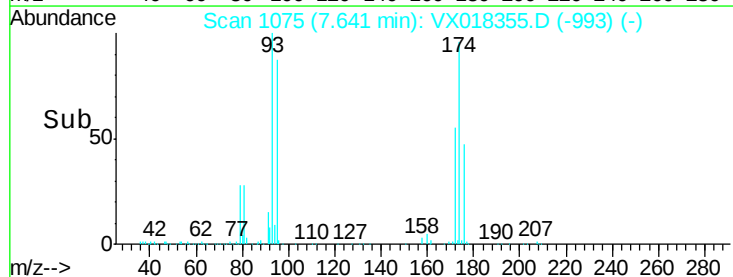
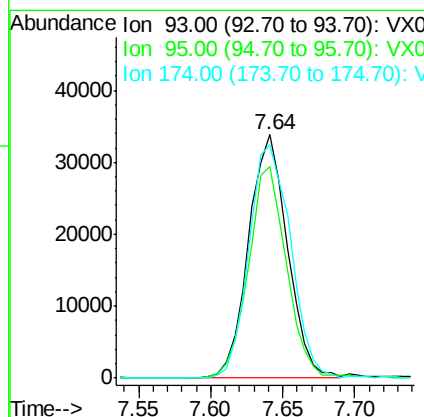
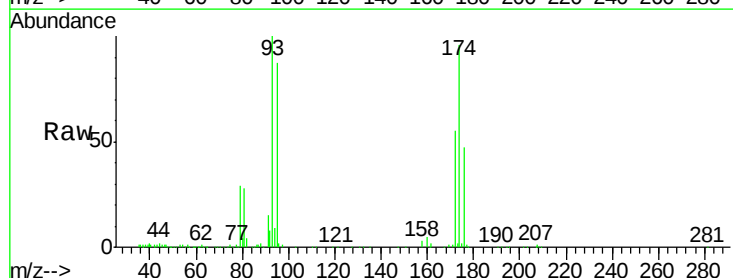
Manual Integrations
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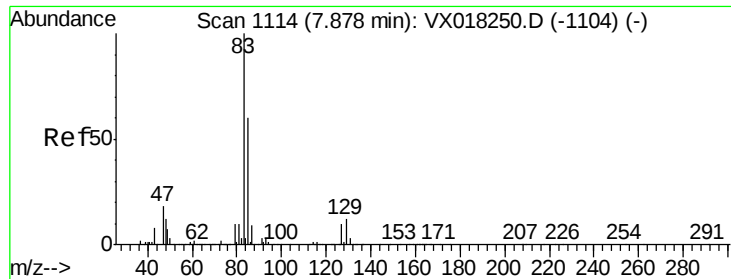
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#40
 Dibromomethane
 Concen: 19.627 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VX018355.D
 Acq: 11 Sep 2020 12:31

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.4	0.0	167.0
174	102.2	0.0	202.0





#41

Bromodichloromethane

Concen: 19.415 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX018355.D

Acq: 11 Sep 2020 12:31

Instrument :

MSVOA_X

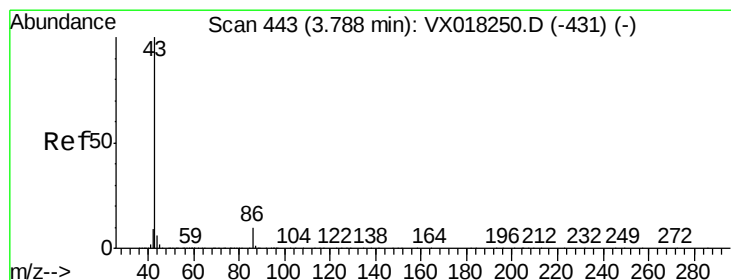
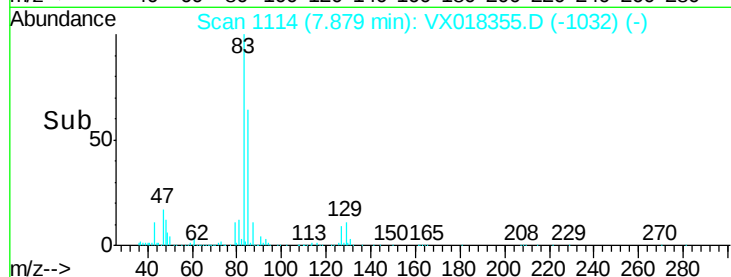
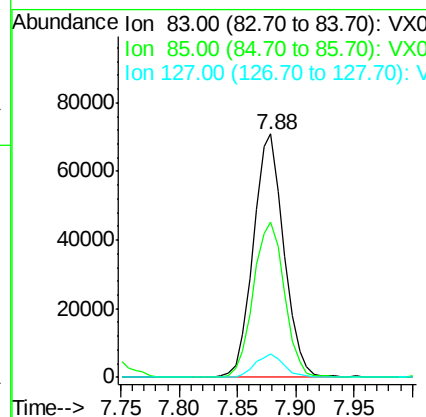
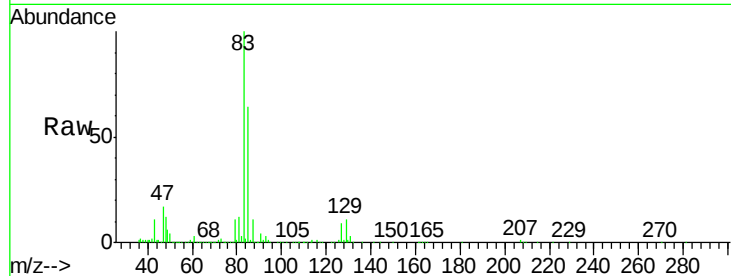
ClientSampleId :

VX0911WBSD01

Tot Ion:	83	Resp:	129947
Ion Ratio	Lower	Upper	
83	100		
85	64.0	48.2	72.2
127	9.4	8.0	12.0

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#42

Vinyl Acetate

Concen: 100.614 ug/l

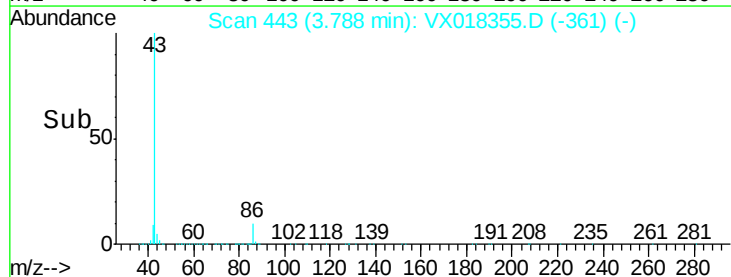
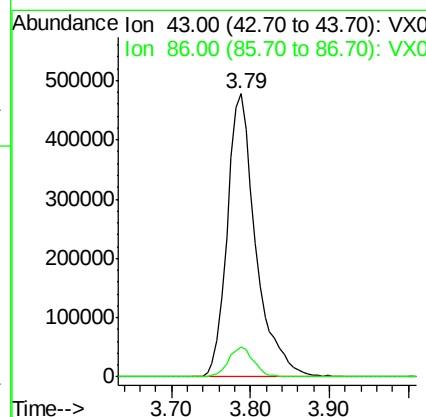
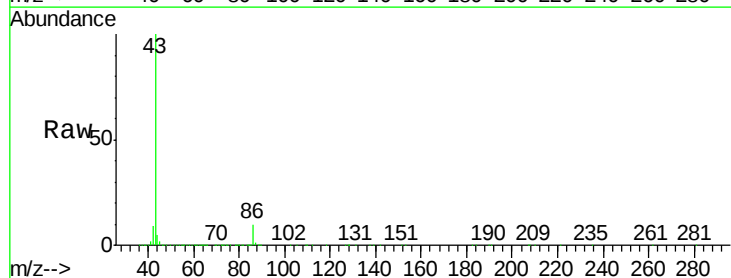
RT: 3.79 min Scan# 443

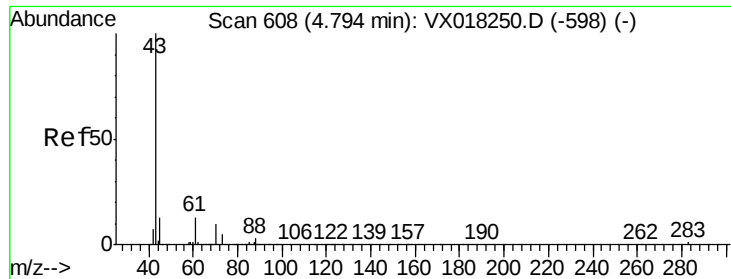
Delta R.T. 0.00 min

Lab File: VX018355.D

Acq: 11 Sep 2020 12:31

Tgt Ion:	43	Resp:	1202225
Ion Ratio	Lower	Upper	
43	100		
86	9.3	7.2	10.8





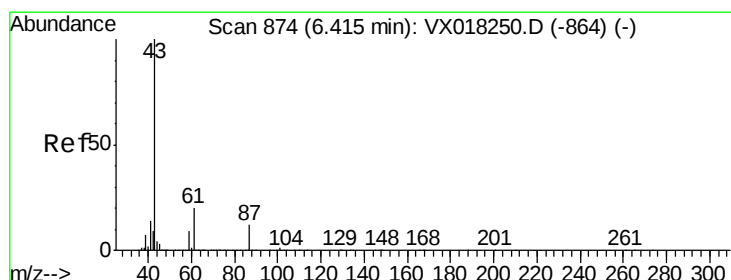
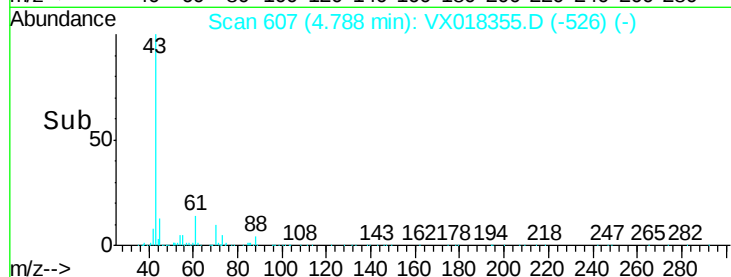
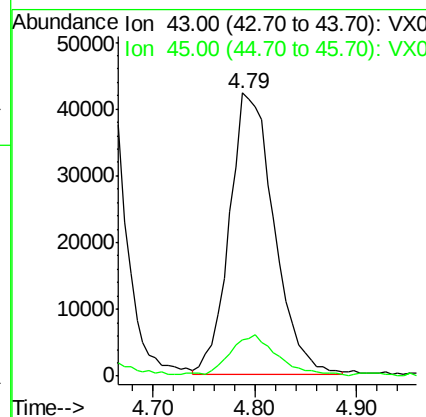
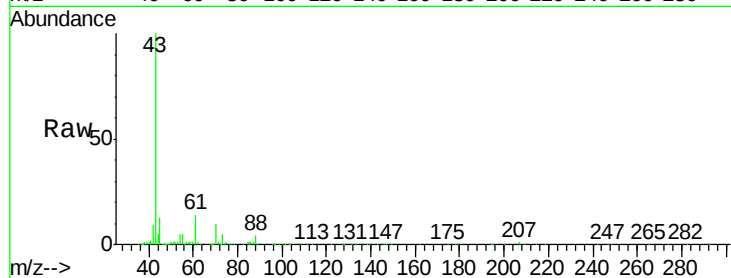
#43
Ethyl Acetate
Concen: 20.115 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX018355.D
Acq: 11 Sep 2020 12:31

Instrument :
MSVOA_X
ClientSampleId :
VX0911WBSD01

Tot Ion	43	Ratio	Lower	Upper
43	100			
45	15.1	11.2	16.8	

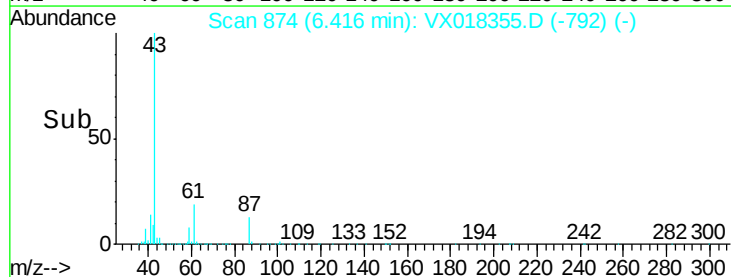
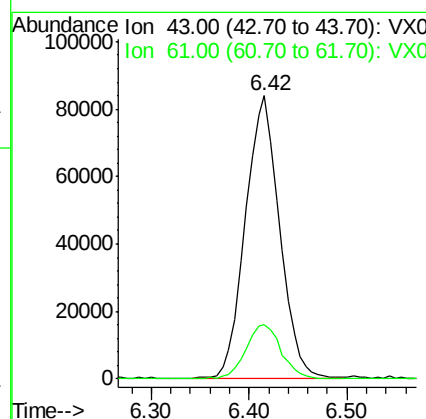
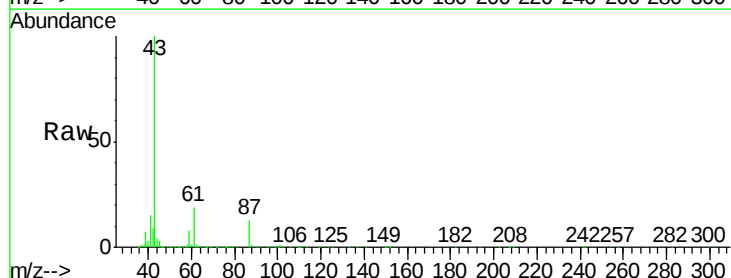
Manual Integrations
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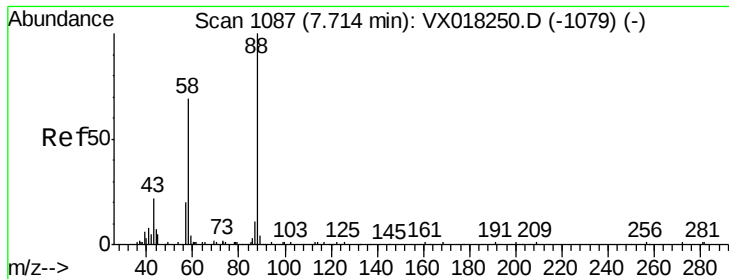
MMDadoda
9/14/2020 12:09:49 PM



#44
Isopropyl Acetate
Concen: 19.806 ug/l
RT: 6.42 min Scan# 874
Delta R.T. 0.00 min
Lab File: VX018355.D
Acq: 11 Sep 2020 12:31

Tgt Ion	43	Ratio	Lower	Upper
43	100			
61	19.7	14.6	22.0	





#45

1,4-Dioxane

Concen: 427.122 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX018355.D

Acq: 11 Sep 2020 12:31

Instrument :

MSVOA_X

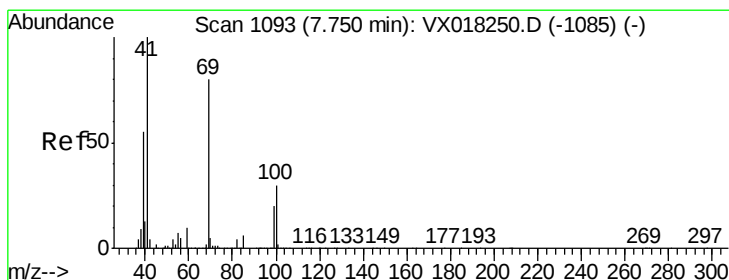
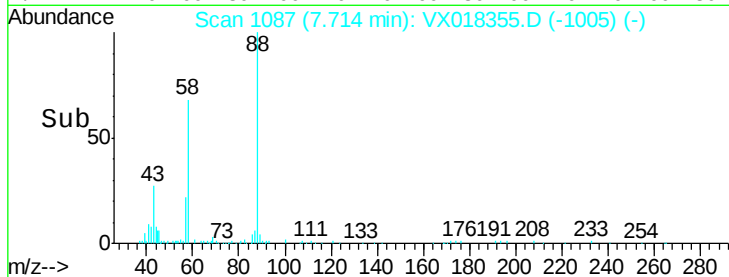
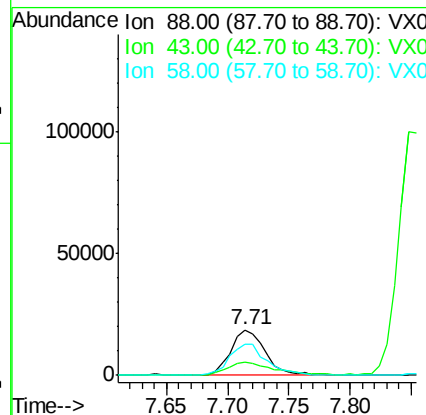
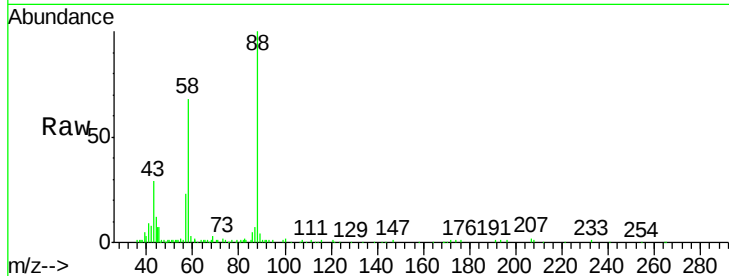
ClientSampleId :

VX0911WBSD01

Tot Ion:	88	Resp:	36622
Ion	Ratio	Lower	Upper
88	100		
43	35.7	13.6	20.4#
58	71.6	58.2	87.4

Manual Integrations
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#46

Methyl methacrylate

Concen: 19.350 ug/l

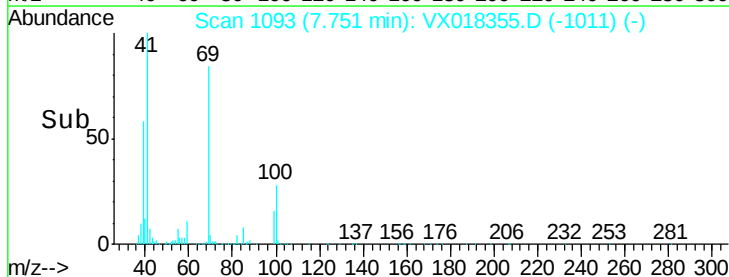
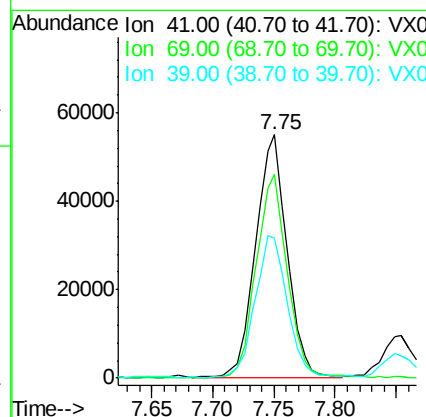
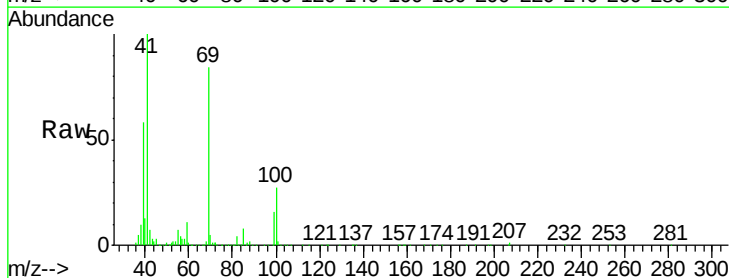
RT: 7.75 min Scan# 1093

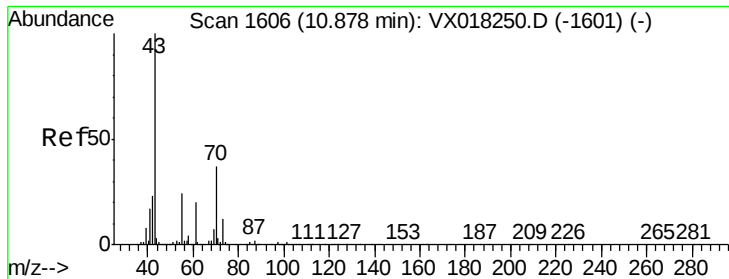
Delta R.T. 0.00 min

Lab File: VX018355.D

Acq: 11 Sep 2020 12:31

Tgt Ion:	41	Resp:	97742
Ion	Ratio	Lower	Upper
41	100		
69	84.0	40.3	120.8
39	57.4	27.3	81.9





#47

n-amvl Acetate

Concen: 18.872 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX018355.D

Acq: 11 Sep 2020 12:31

Instrument :

MSVOA_X

ClientSampleId :

VX0911WBSD01

Tot Ion: 43 Resp: 170197

Ion Ratio Lower Upper

43 100

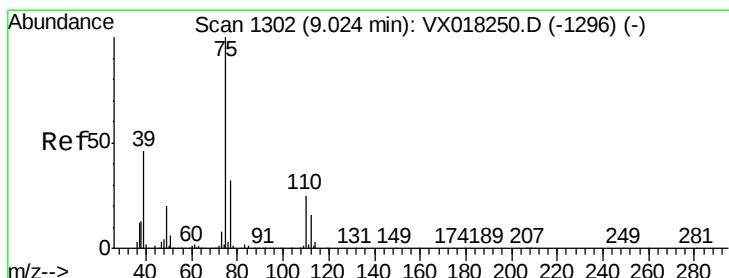
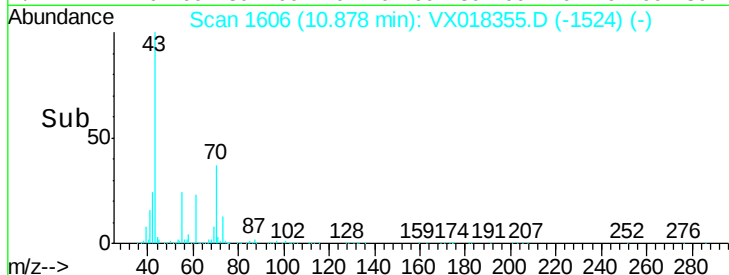
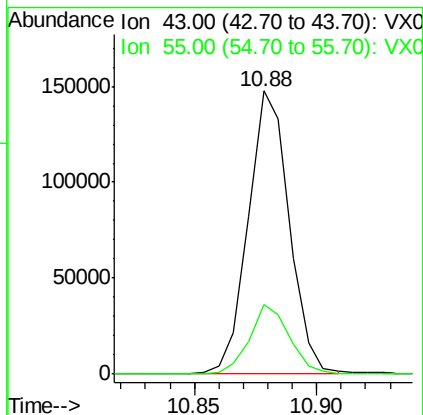
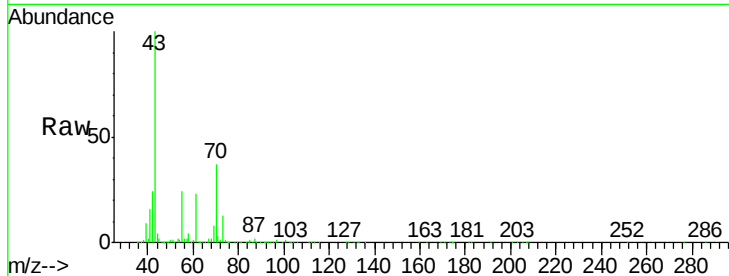
55 23.8 18.9 28.3

Manual Integrations

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#48

t-1,3-Dichloropropene

Concen: 19.642 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX018355.D

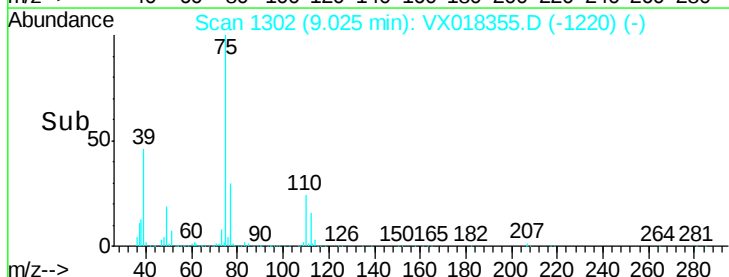
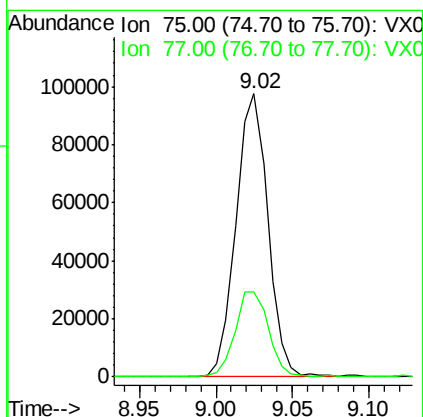
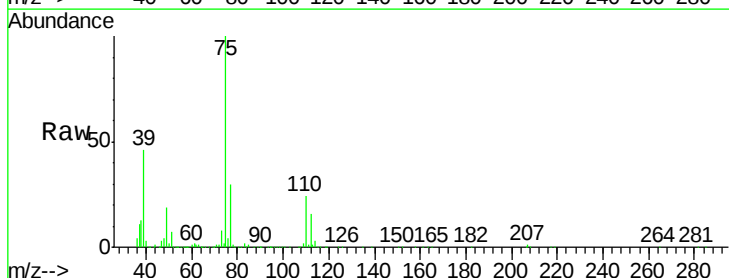
Acq: 11 Sep 2020 12:31

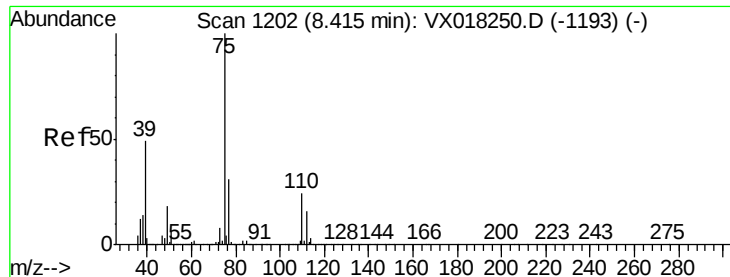
Tgt Ion: 75 Resp: 141215

Ion Ratio Lower Upper

75 100

77 30.1 25.4 38.2





#49

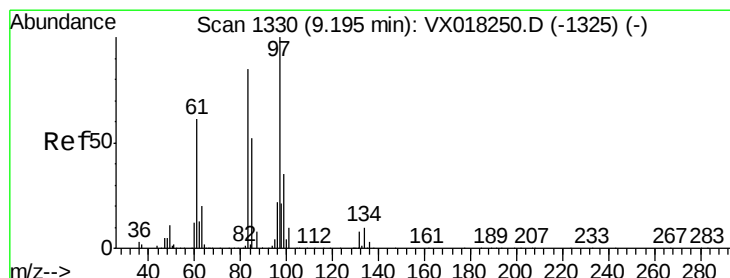
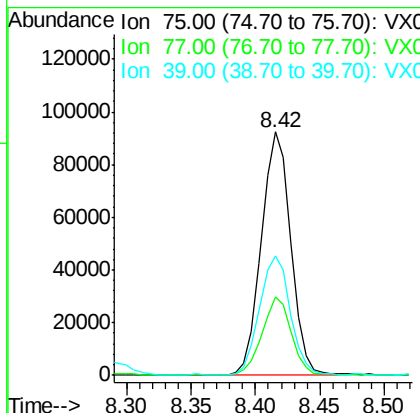
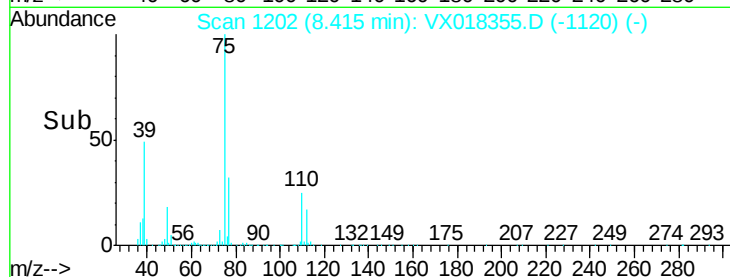
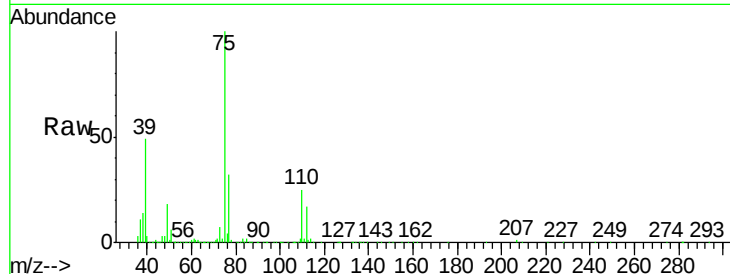
cis-1,3-Dichloropropene
Concen: 19.362 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX018355.D
Acq: 11 Sep 2020 12:31

Instrument :
MSVOA_X
ClientSampleId :
VX0911WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	24.7	37.1
39	48.5	39.6	59.4

Manual Integrations
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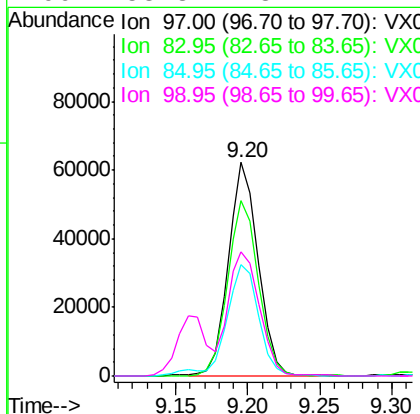
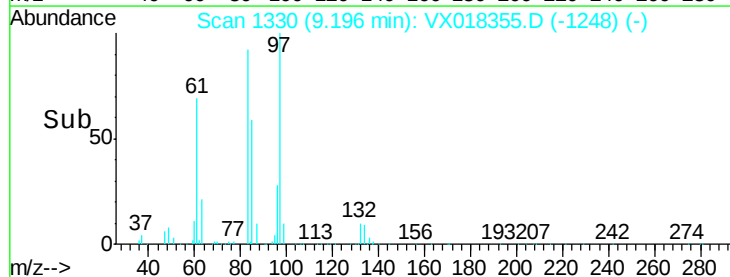
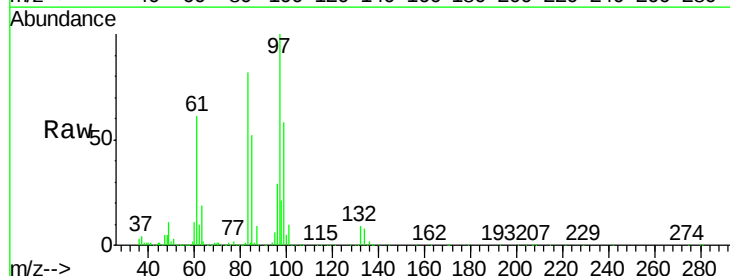
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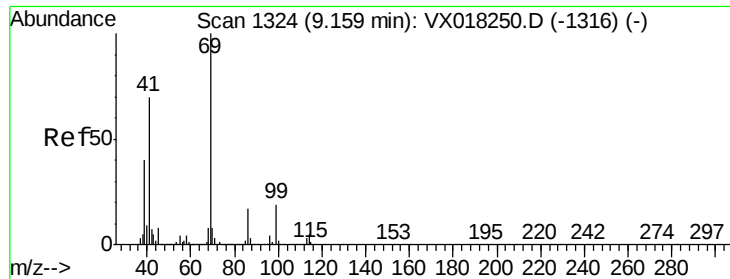


#50

1,1,2-Trichloroethane
Concen: 19.945 ug/l
RT: 9.20 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VX018355.D
Acq: 11 Sep 2020 12:31

Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.1	68.1	102.1
85	52.4	42.6	64.0
99	58.3	48.2	72.2





#51

Ethyl methacrylate

Concen: 19.923 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX018355.D

Acq: 11 Sep 2020 12:31

Instrument :

MSVOA_X

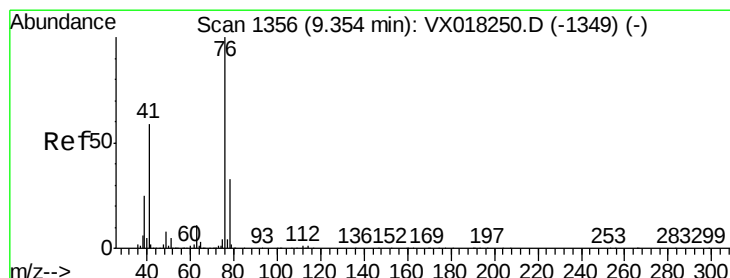
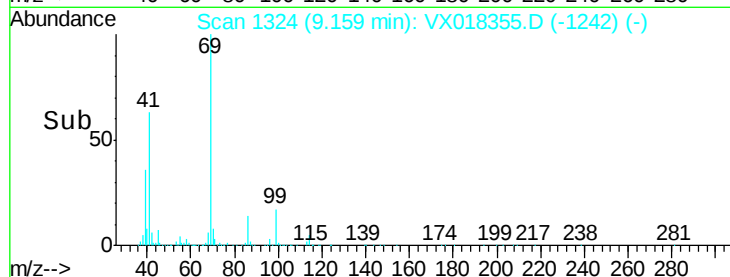
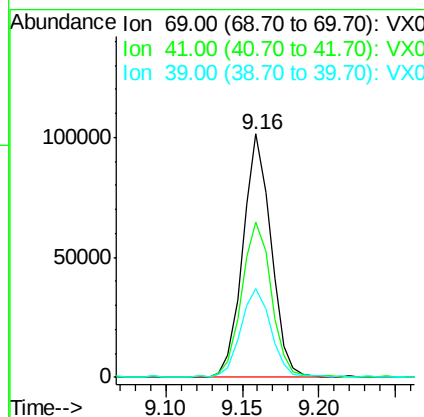
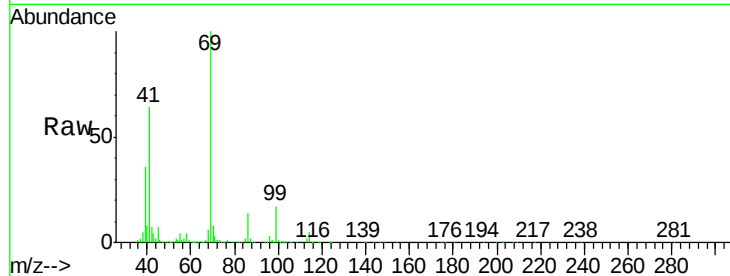
ClientSampleID :

VX0911WBSD01

Tot Ion:	69	Resp:	129867
Ion Ratio	Lower	Upper	
69	100		
41	63.7	34.9	104.7
39	36.1	19.8	59.3

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 19.576 ug/l

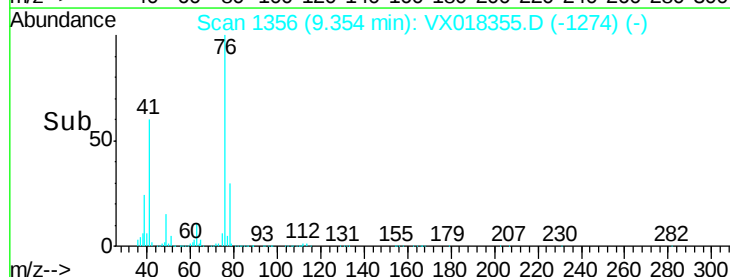
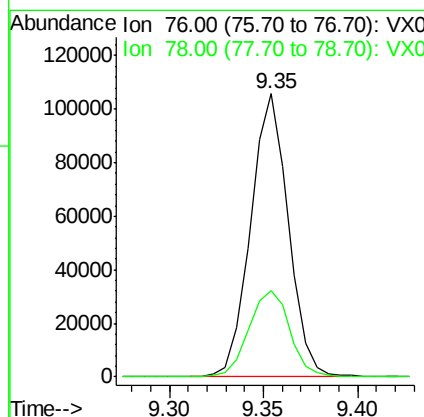
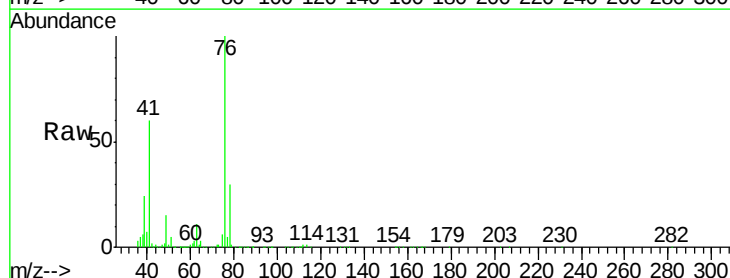
RT: 9.35 min Scan# 1356

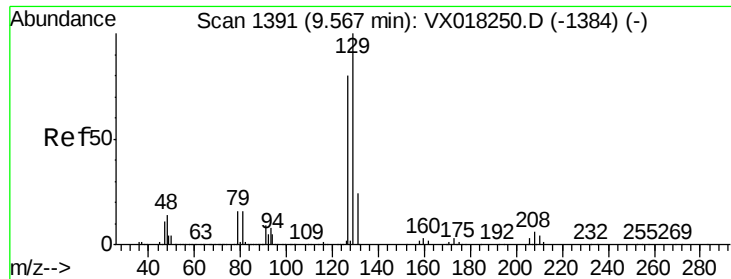
Delta R.T. 0.00 min

Lab File: VX018355.D

Acq: 11 Sep 2020 12:31

Tgt Ion:	76	Resp:	146214
Ion Ratio	Lower	Upper	
76	100		
78	32.8	0.0	62.2





#53

Dibromochloromethane

Concen: 19.804 ug/l

RT: 9.56 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX018355.D

Acq: 11 Sep 2020 12:31

Instrument :

MSVOA_X

ClientSampleId :

VX0911WBSD01

Tot Ion:129 Resp: 110808

Ion Ratio Lower Upper

129 100

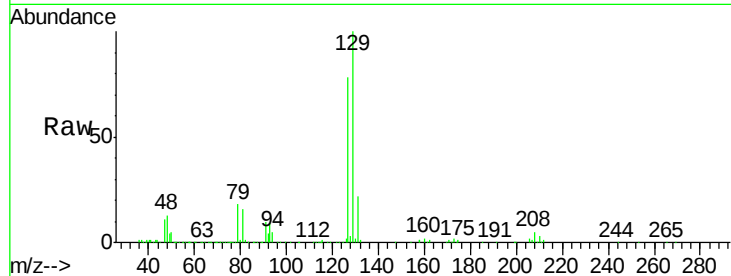
127 77.3 38.9 116.6

Manual Integrations

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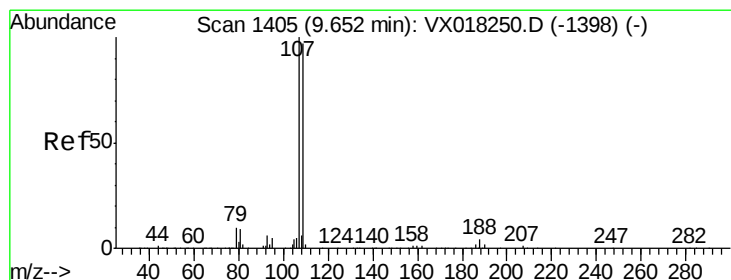
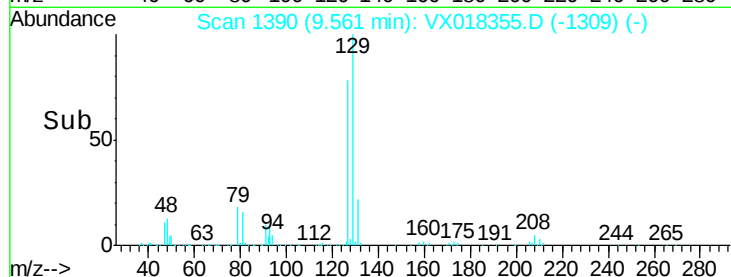
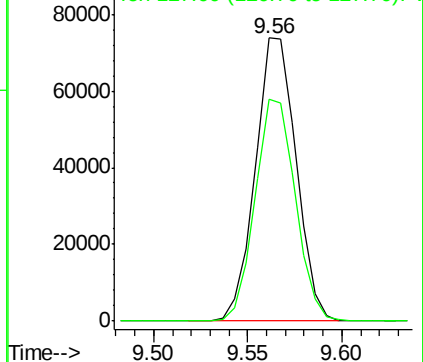
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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 19.940 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018355.D

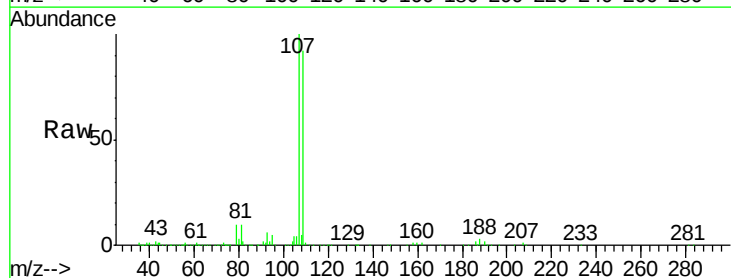
Acq: 11 Sep 2020 12:31

Tgt Ion:107 Resp: 98432

Ion Ratio Lower Upper

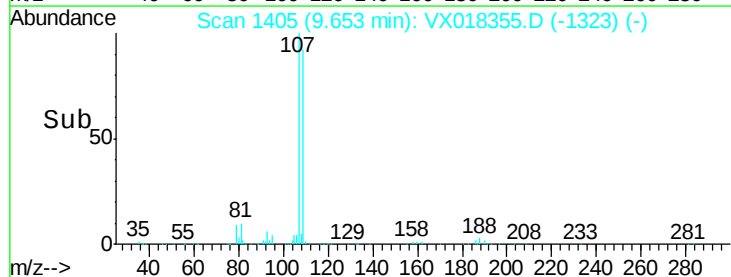
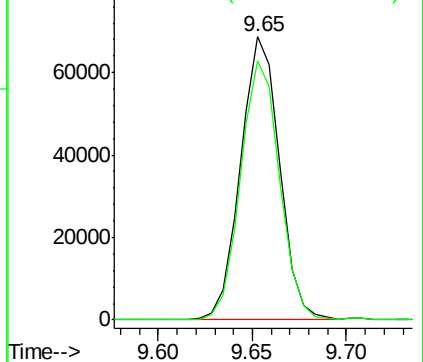
107 100

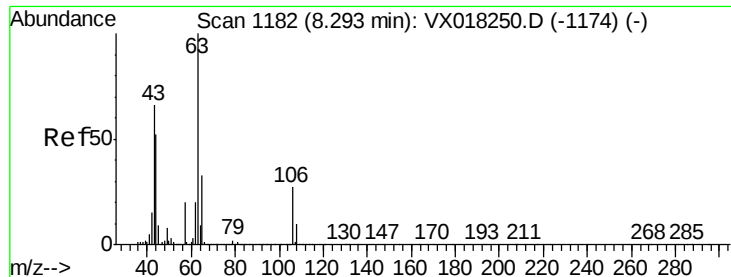
109 91.5 77.8 116.6



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#55

2-Chloroethyl vinyl ether

Concen: 100.143 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX018355.D

Acq: 11 Sep 2020 12:31

Instrument :

MSVOA_X

ClientSampleId :

VX0911WBSD01

Tot Ion: 63 Resp: 340888

Ion Ratio Lower Upper

63 100

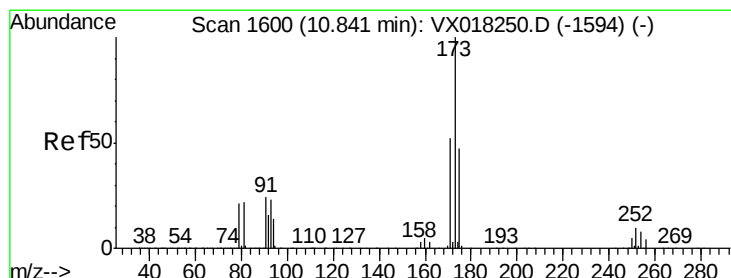
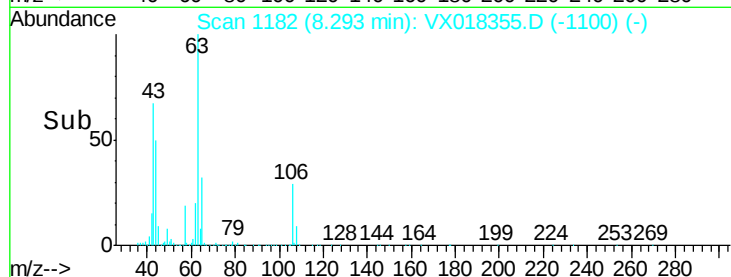
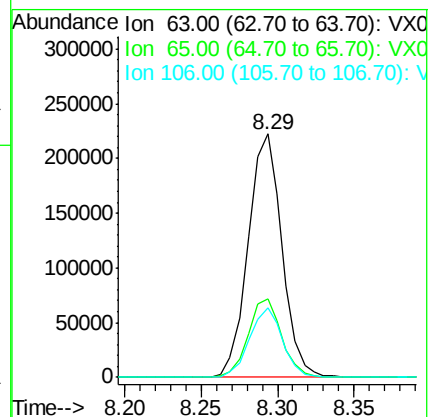
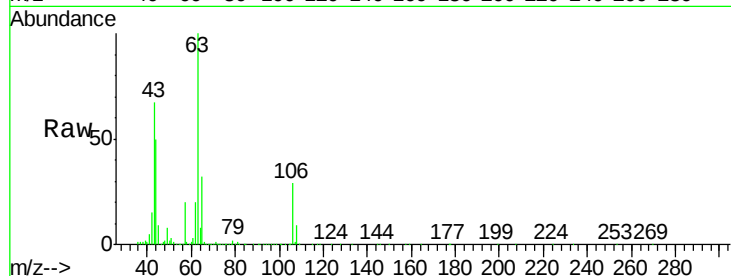
65 31.7 26.0 39.0

106 28.0 22.3 33.5

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#56

Bromoform

Concen: 19.157 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018355.D

Acq: 11 Sep 2020 12:31

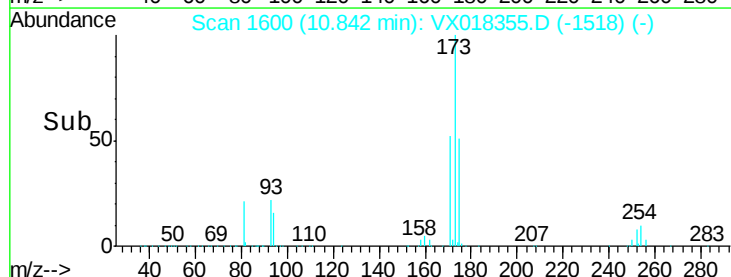
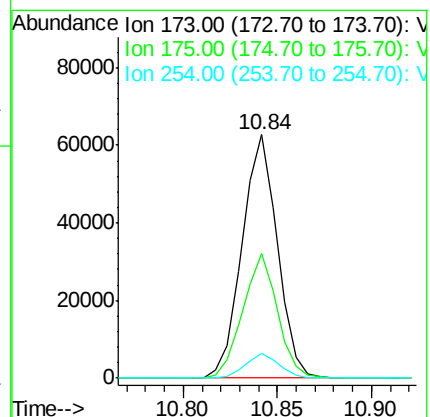
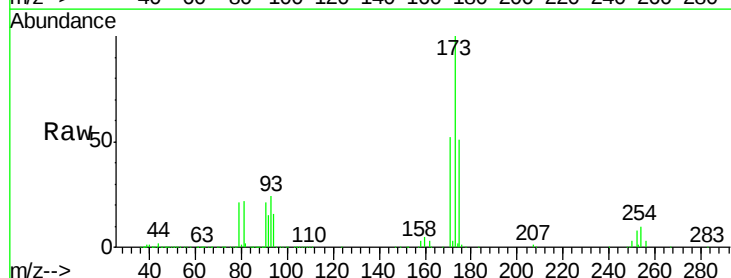
Tgt Ion: 173 Resp: 81438

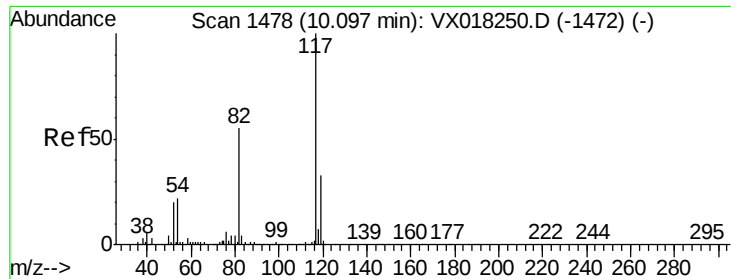
Ion Ratio Lower Upper

173 100

175 50.1 40.2 60.2

254 9.7 7.3 10.9





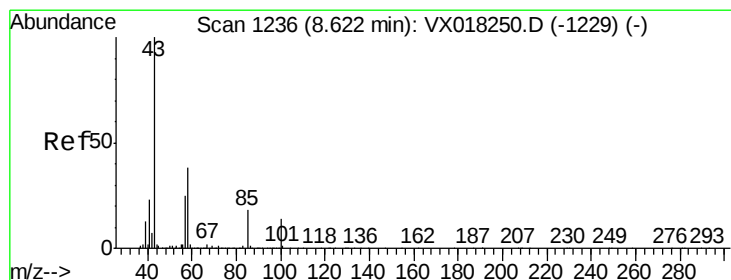
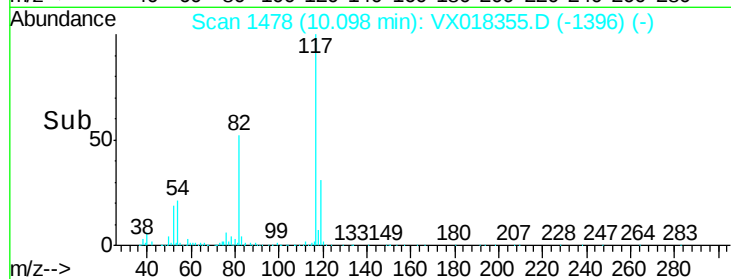
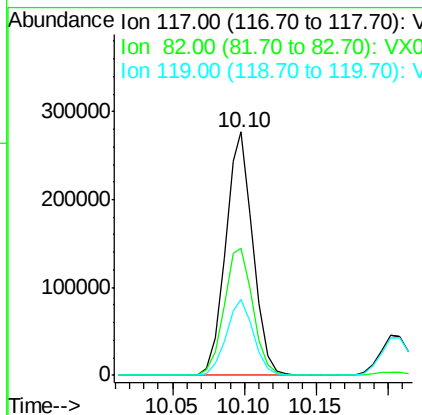
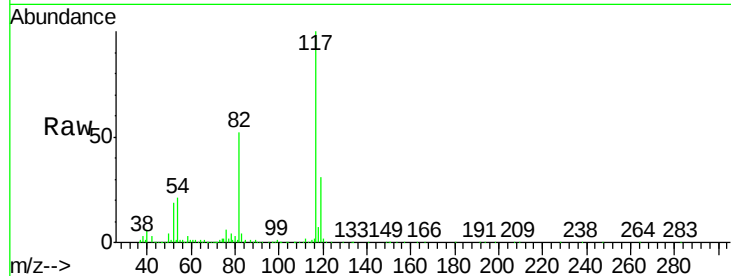
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018355.D
Acq: 11 Sep 2020 12:31

Instrument :
MSVOA_X
ClientSampleId :
VX0911WBSD01

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	55.0	44.2	66.4
119	31.0	26.1	39.1

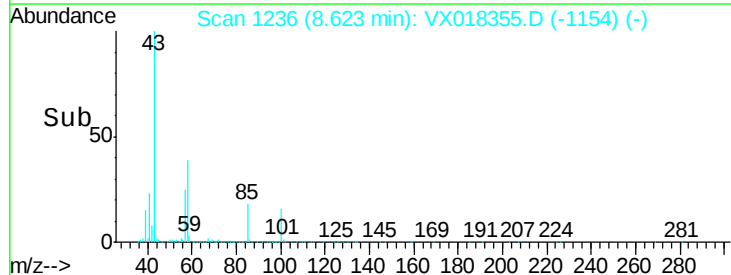
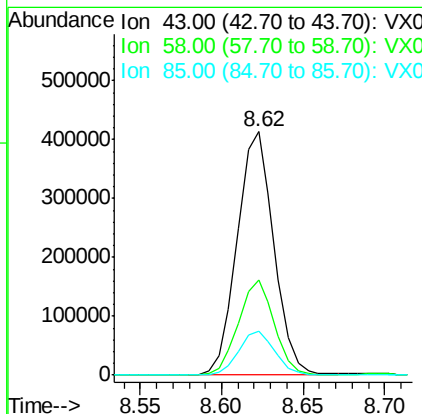
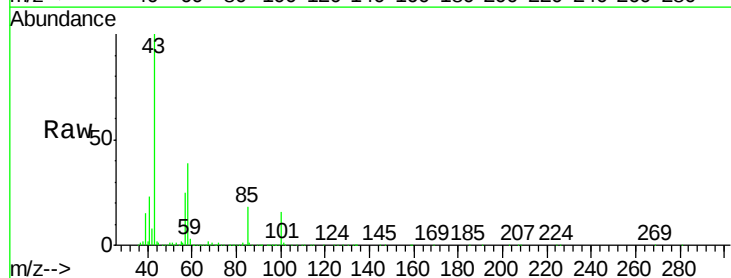
Manual Integrations
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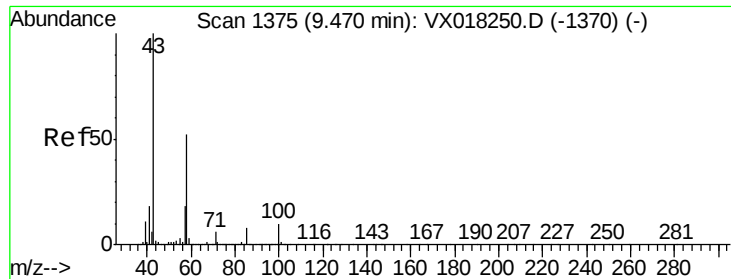
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#58
4-Methyl-2-Pentanone
Concen: 102.113 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX018355.D
Acq: 11 Sep 2020 12:31

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
58	38.3	30.0	45.0
85	17.8	14.2	21.4





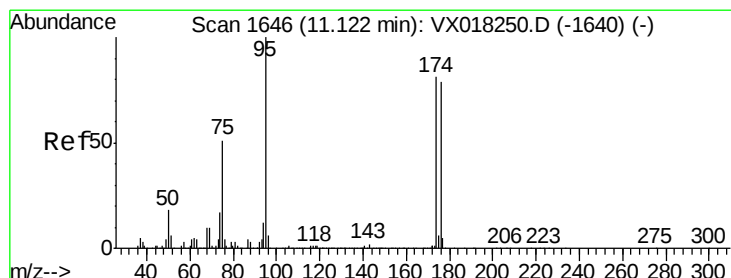
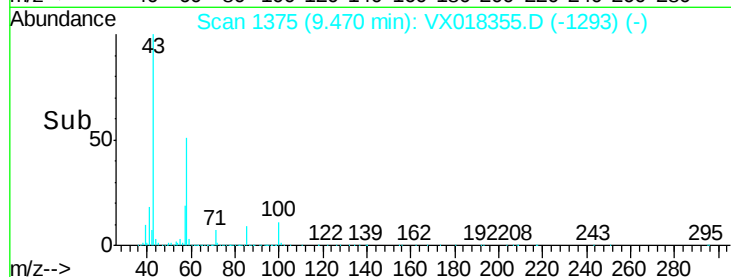
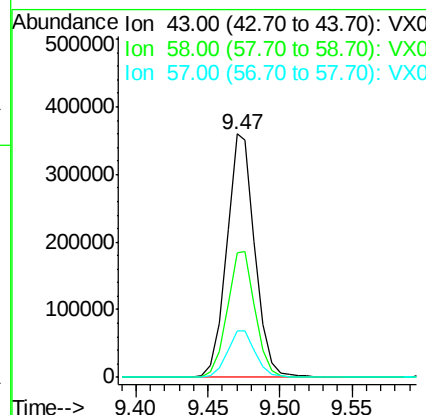
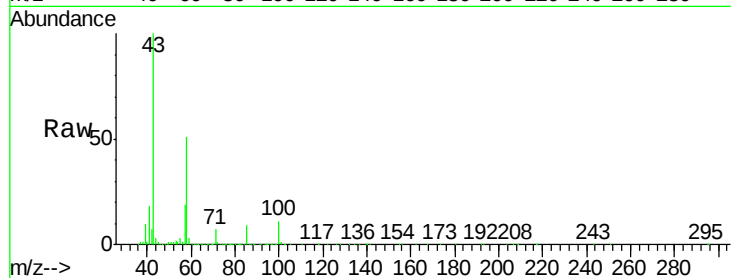
#59
2-Hexanone
Concen: 102.536 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX018355.D
Acq: 11 Sep 2020 12:31

Instrument :
MSVOA_X
ClientSampleId :
VX0911WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	51.6	42.5	63.7
57	19.2	14.8	22.2

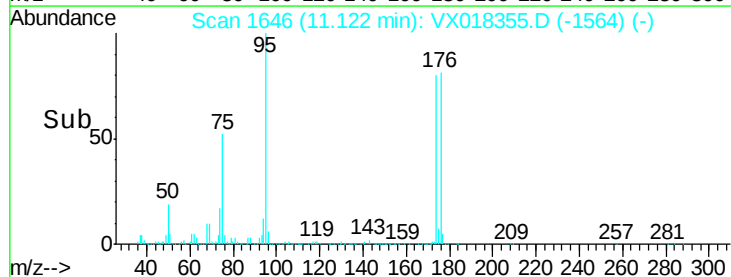
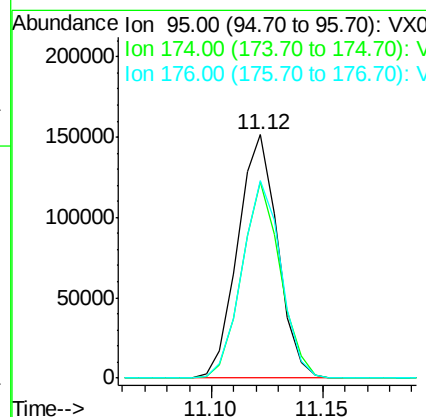
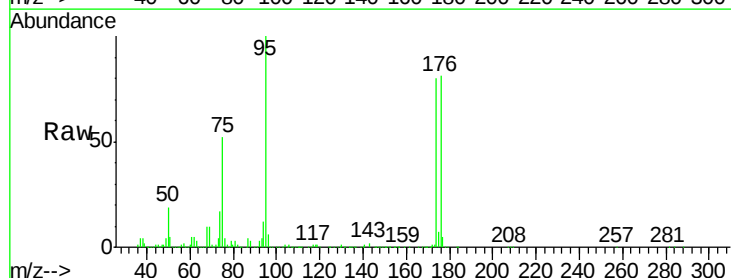
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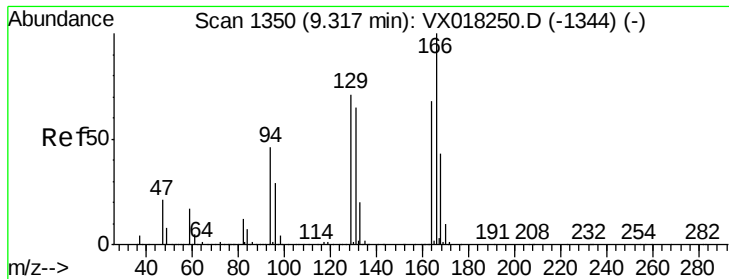
MMDadoda
9/14/2020 12:09:49 PM



#60
4-Bromofluorobenzene
Concen: 29.710 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX018355.D
Acq: 11 Sep 2020 12:31

Tgt Ion	Ratio	Lower	Upper
95	100		
174	78.3	64.2	96.4
176	79.8	62.2	93.4





#61

Tetrachloroethene

Concen: 19.554 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX018355.D

Acq: 11 Sep 2020 12:31

Instrument :

MSVOA_X

ClientSampleId :

VX0911WBSD01

Tot Ion:164 Resp: 89468

Ion Ratio Lower Upper

164 100

166 117.4 117.4 176.0

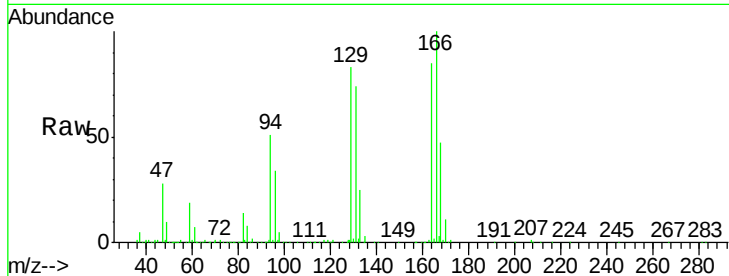
129 97.8 82.7 124.1

131 86.7 76.7 115.1

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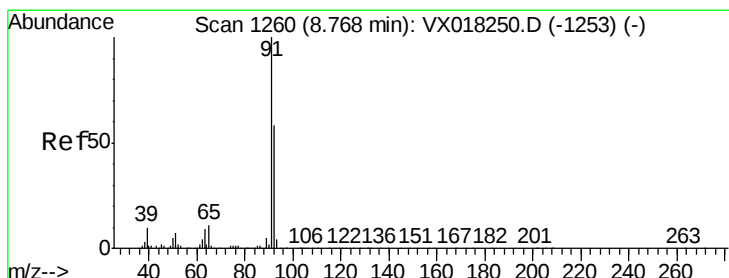
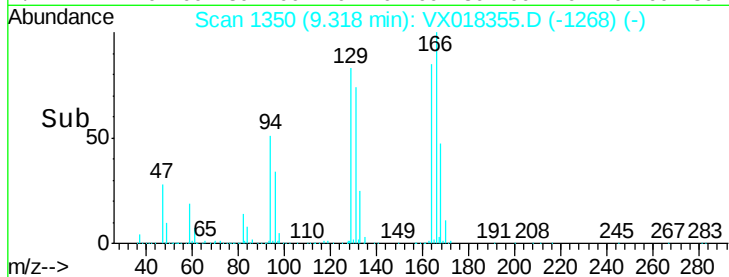
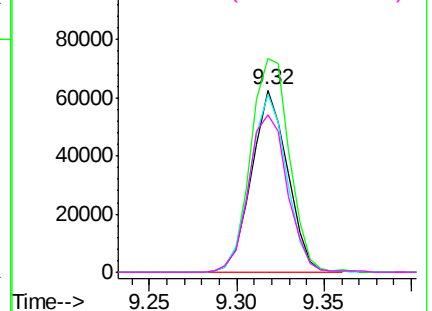


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 19.387 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VX018355.D

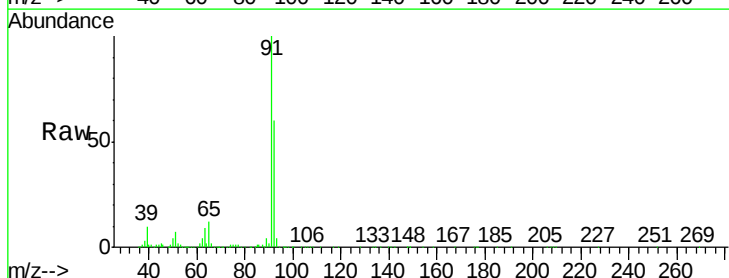
Acq: 11 Sep 2020 12:31

Tgt Ion: 91 Resp: 357950

Ion Ratio Lower Upper

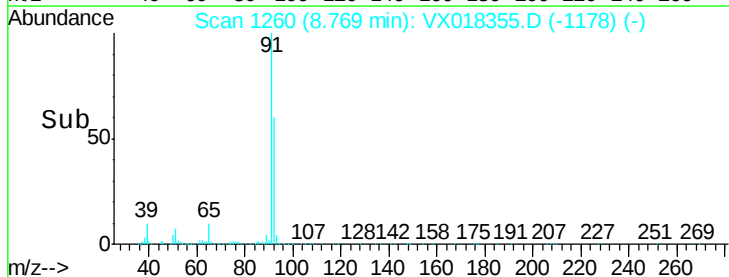
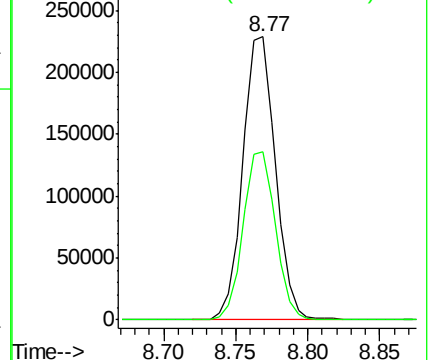
91 100

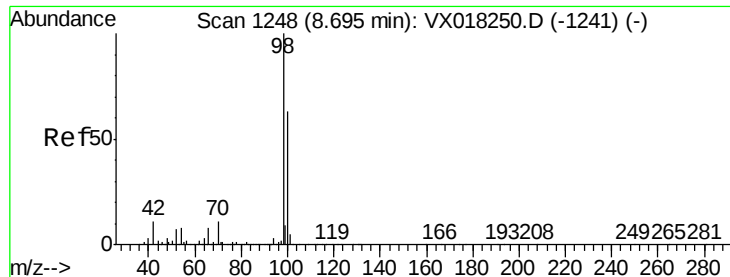
92 59.2 46.9 70.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.050 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018355.D

Acq: 11 Sep 2020 12:31

Instrument :

MSVOA_X

ClientSampleId :

VX0911WBSD01

Tot Ion: 98 Resp: 485907

Ion Ratio Lower Upper

98 100

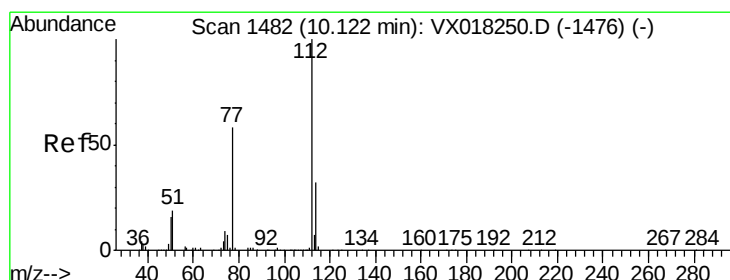
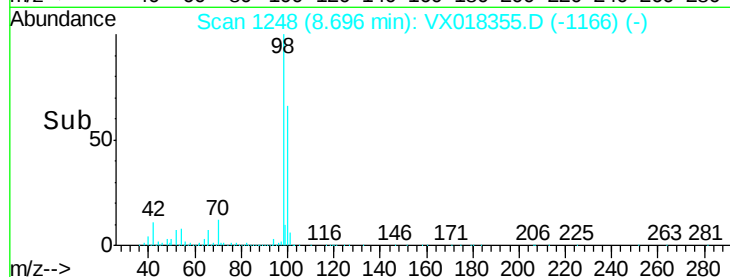
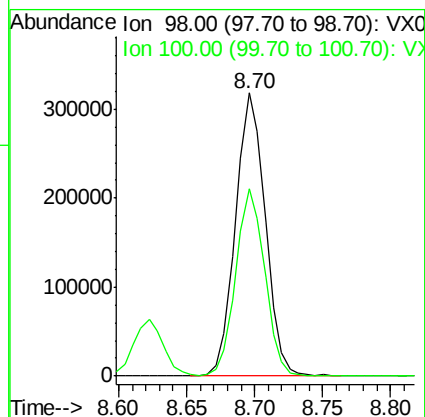
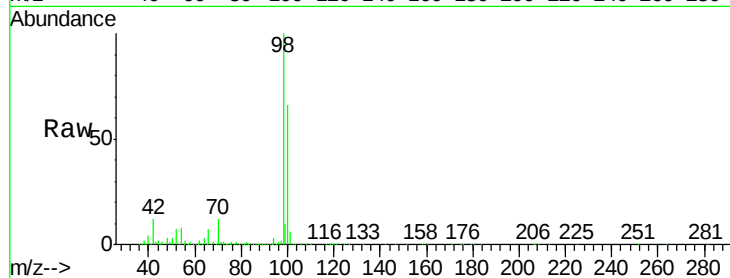
100 64.5 51.4 77.0

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#64

Chlorobenzene

Concen: 19.549 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX018355.D

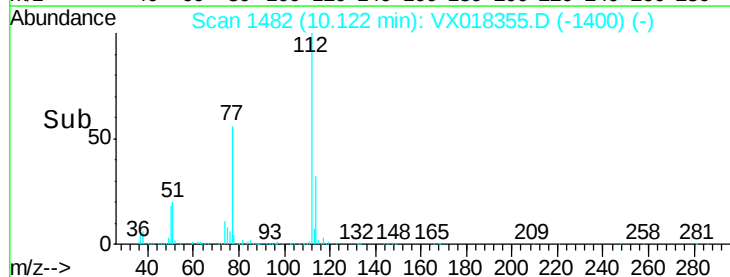
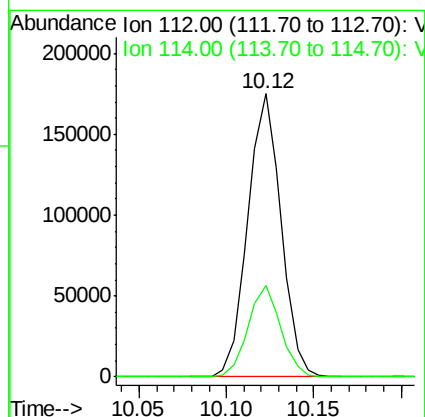
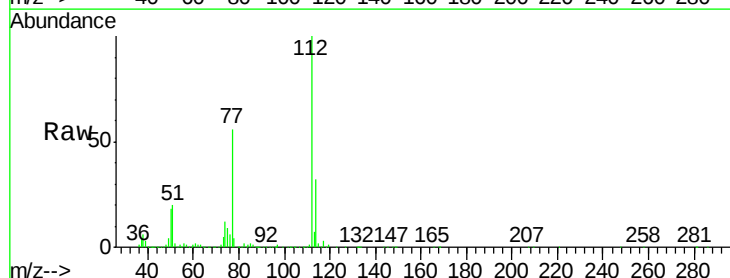
Acq: 11 Sep 2020 12:31

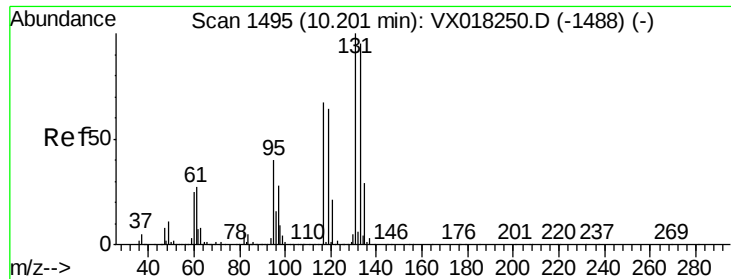
Tgt Ion: 112 Resp: 231945

Ion Ratio Lower Upper

112 100

114 32.4 25.8 38.8





#65

1,1,1,2-Tetrachloroethane

Concen: 19.984 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VX018355.D

Acq: 11 Sep 2020 12:31

Instrument :

MSVOA_X

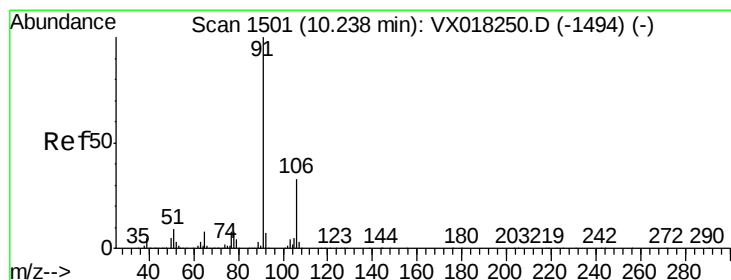
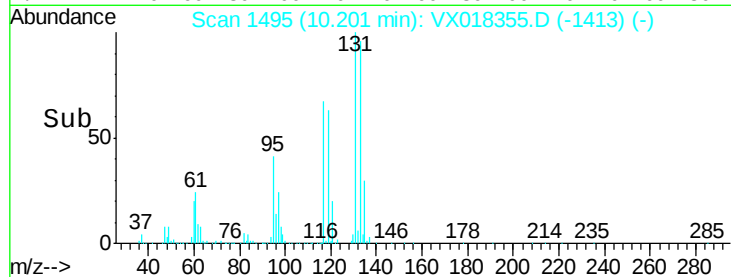
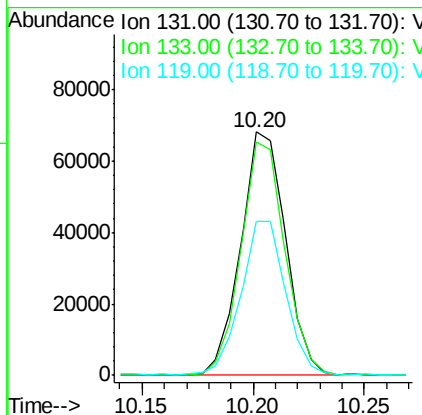
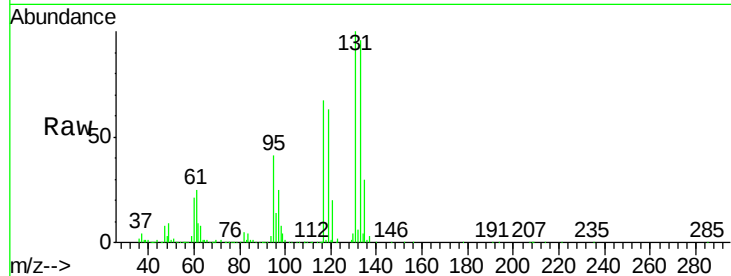
ClientSampleId :

VX0911WBSD01

Tot Ion:	131	Resp:	96024
Ion Ratio	Lower	Upper	
131	100		
133	94.0	0.0	197.2
119	62.8	0.0	129.8

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#66

Ethyl Benzene

Concen: 19.118 ug/l

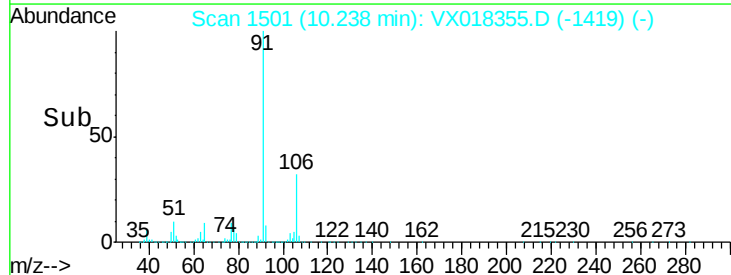
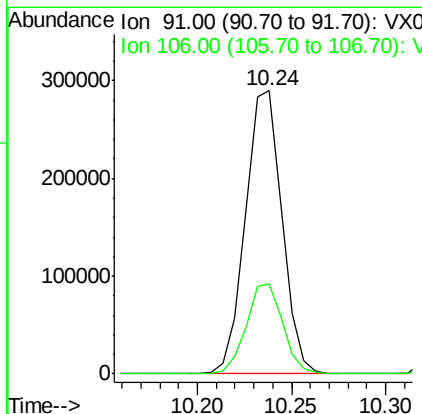
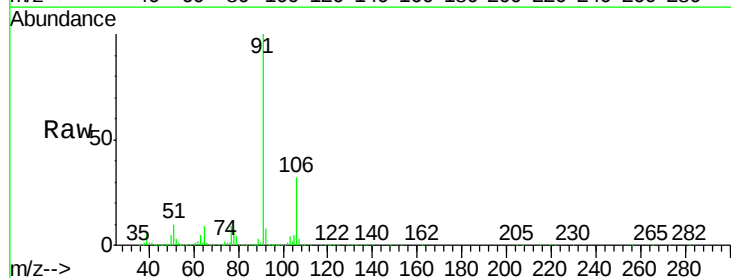
RT: 10.24 min Scan# 1501

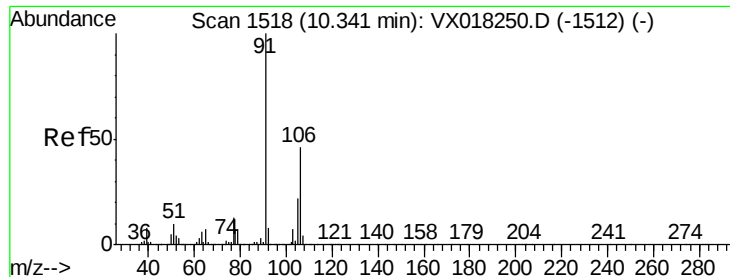
Delta R.T. 0.00 min

Lab File: VX018355.D

Acq: 11 Sep 2020 12:31

Tgt Ion:	91	Resp:	390027
Ion Ratio	Lower	Upper	
91	100		
106	31.6	26.3	39.5





#67

m/p-Xylenes

Concen: 38.221 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018355.D

Acq: 11 Sep 2020 12:31

Instrument :

MSVOA_X

ClientSampleId :

VX0911WBSD01

Tot Ion:106 Resp: 298186

Ion Ratio Lower Upper

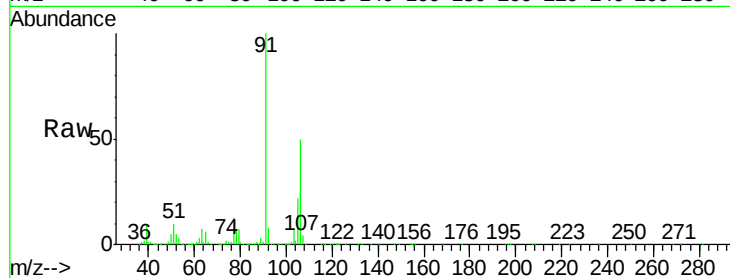
106 100

91 205.8 166.2 249.2

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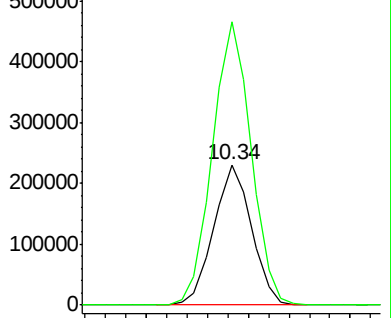
MMDadoda

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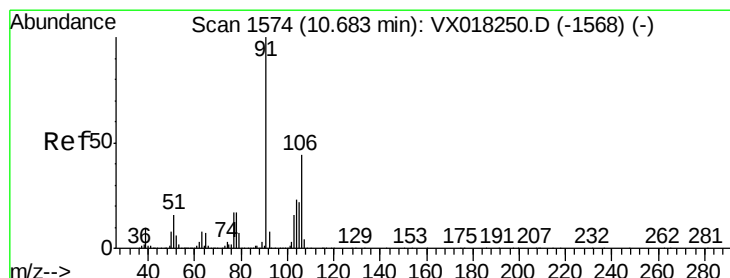
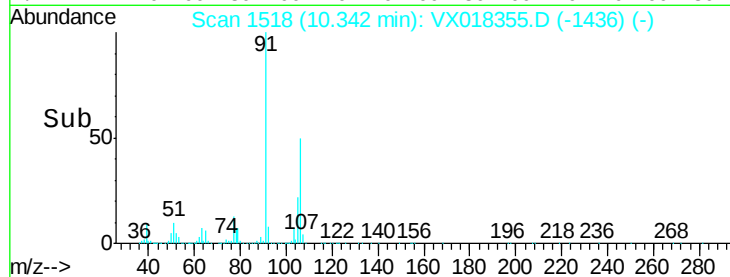


Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



Time-->



#68

o-Xylene

Concen: 19.711 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX018355.D

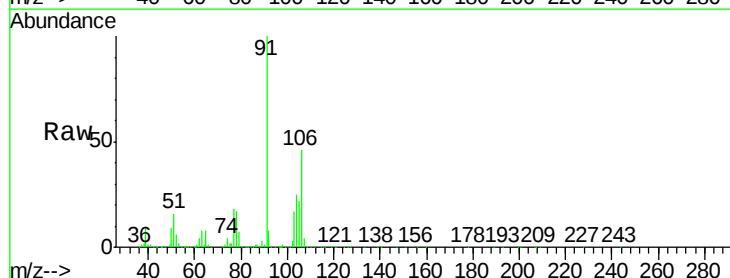
Acq: 11 Sep 2020 12:31

Tgt Ion:106 Resp: 145307

Ion Ratio Lower Upper

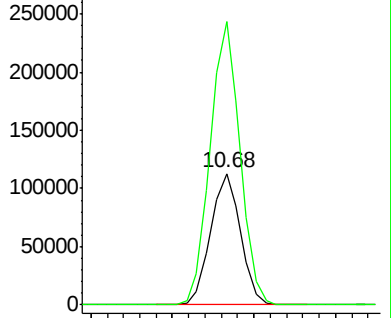
106 100

91 212.8 109.2 327.6

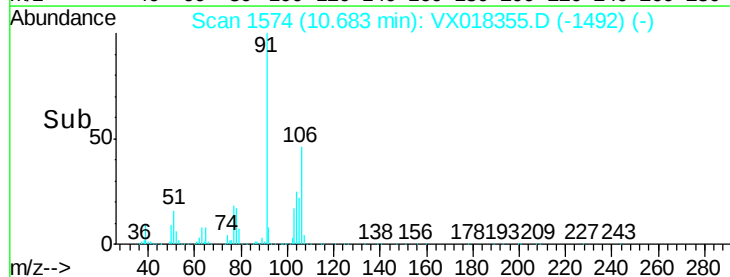


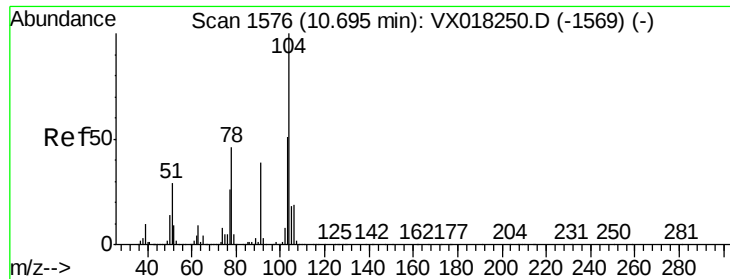
Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



Time-->





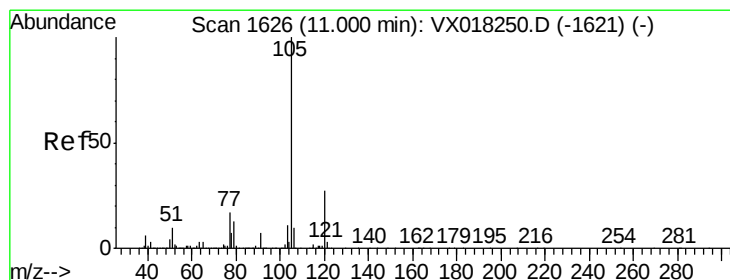
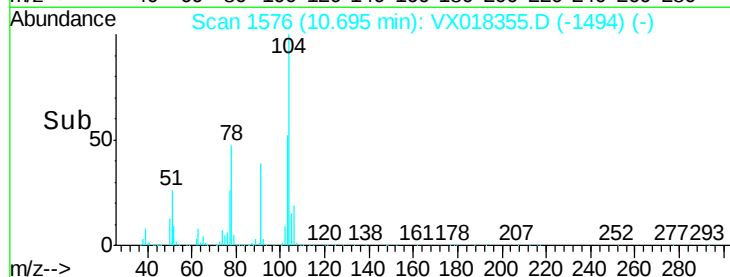
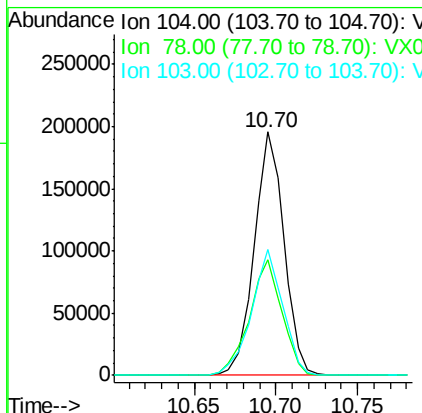
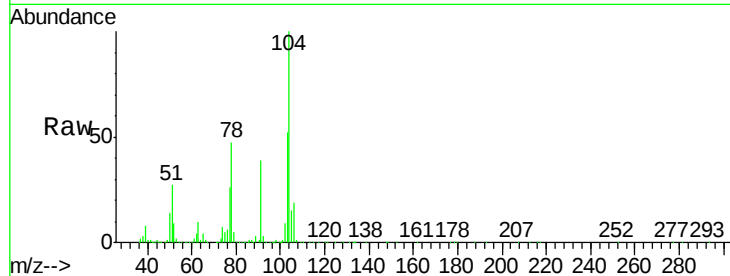
#69
Stvrene
Concen: 19.382 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018355.D
Acq: 11 Sep 2020 12:31

Instrument :
MSVOA_X
ClientSampleId :
VX0911WBSD01

Tot Ion	Ratio	Lower	Upper
104	100		
78	52.1	41.7	62.5
103	54.4	44.2	66.2

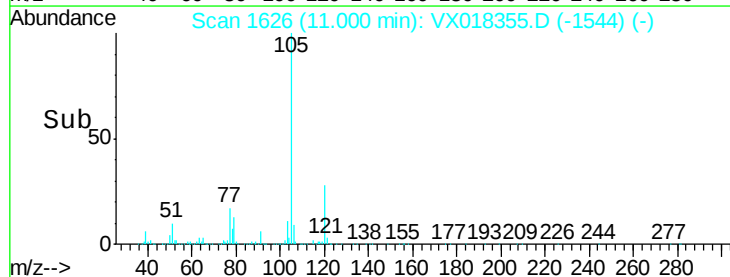
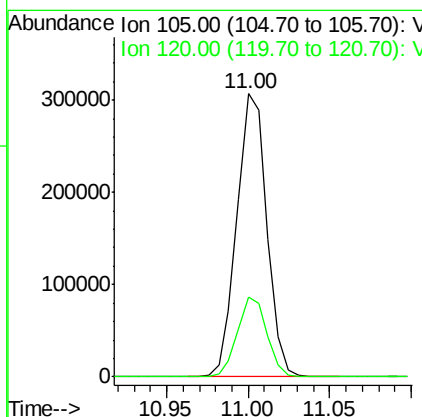
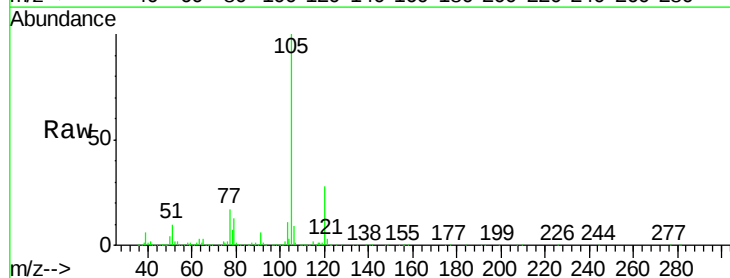
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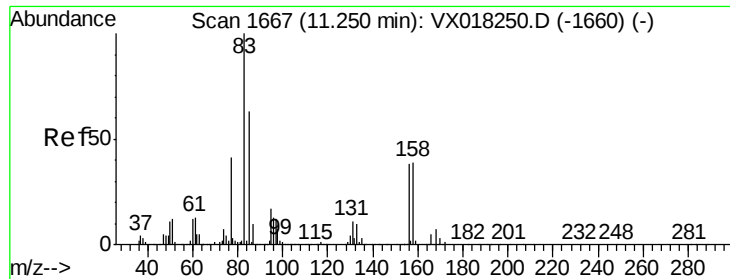
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#70
Isopropylbenzene
Concen: 19.183 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX018355.D
Acq: 11 Sep 2020 12:31

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.6	18.7	34.7





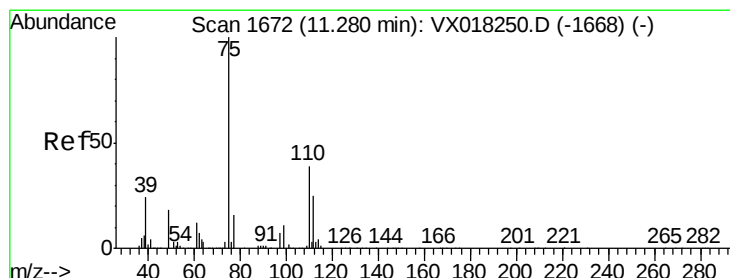
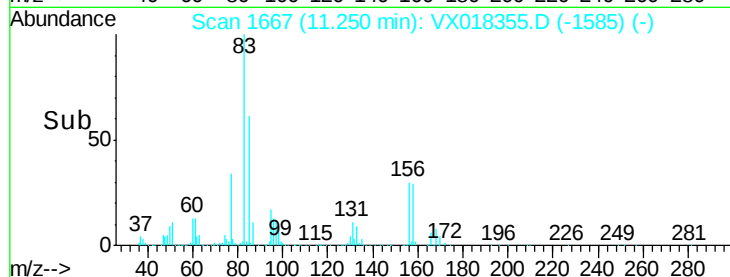
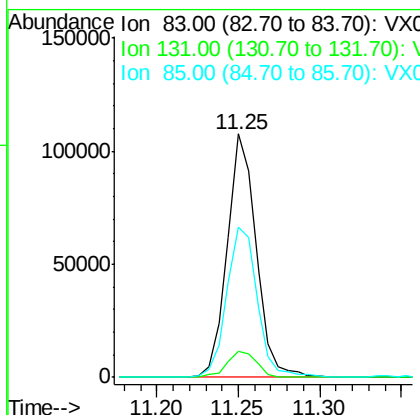
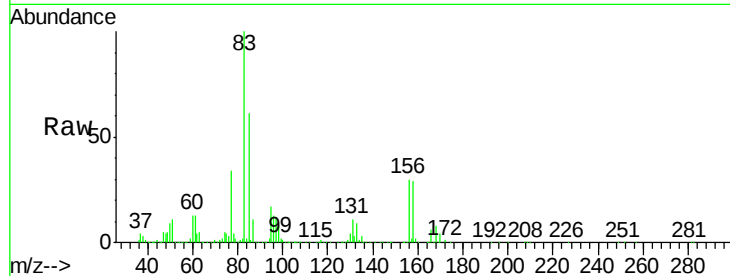
#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.835 ug/l
 RT: 11.25 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: VX018355.D
 Acq: 11 Sep 2020 12:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0911WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	132879		
131	11.2		5.8	17.3
85	65.3		31.3	93.9

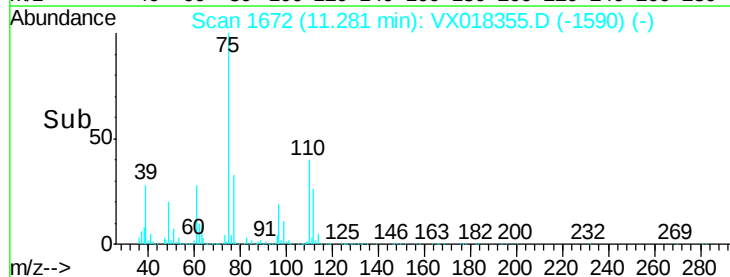
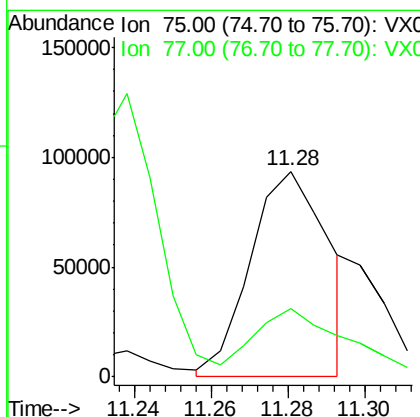
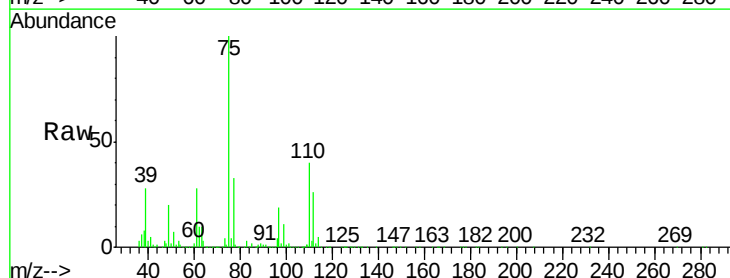
Manual Integrations
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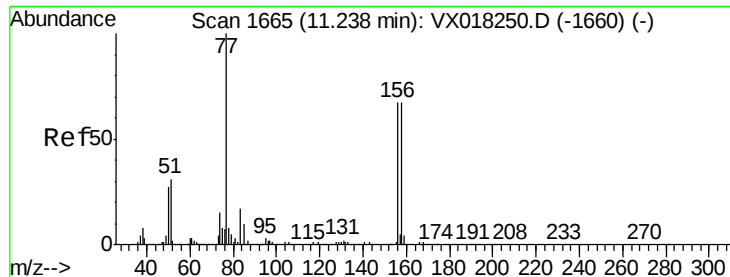
MMDadoda
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#72
 1,2,3-Trichloropropane
 Concen: 20.427 ug/l m
 RT: 11.28 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: VX018355.D
 Acq: 11 Sep 2020 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	131476		
77	39.5		0.0	74.8





#73

Bromobenzene

Concen: 18.977 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018355.D

Acq: 11 Sep 2020 12:31

Instrument :

MSVOA_X

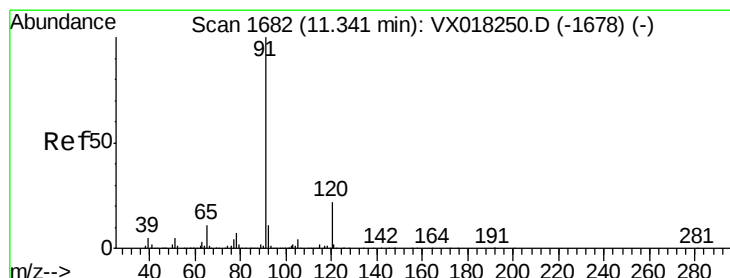
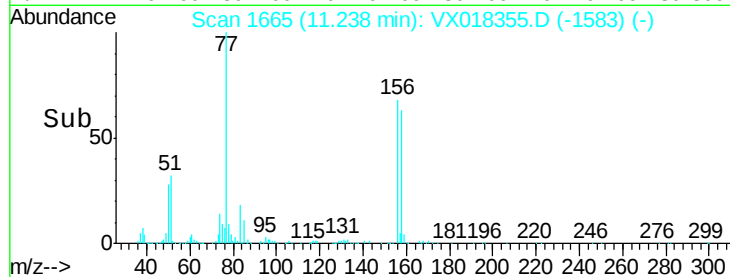
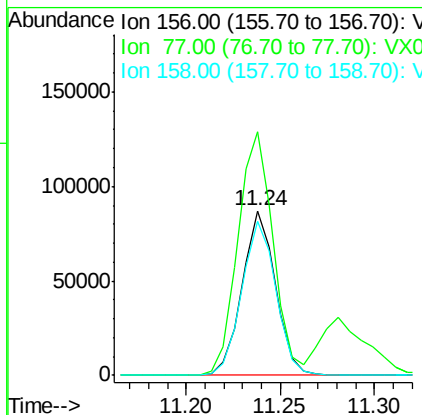
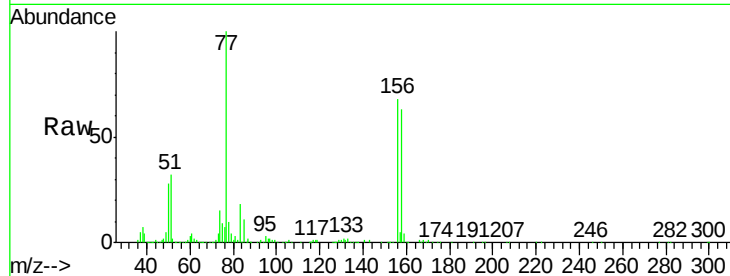
ClientSampleId :

VX0911WBSD01

Tot Ion:	156	Resp:	106580
Ion Ratio	Lower	Upper	
156	100		
77	156.1	0.0	311.0
158	96.1	0.0	194.4

Manual Integrations
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#74

n-propylbenzene

Concen: 18.578 ug/l

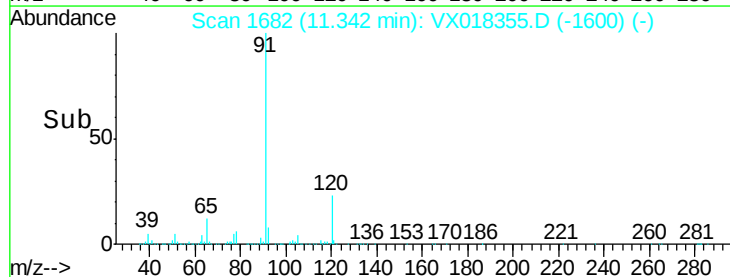
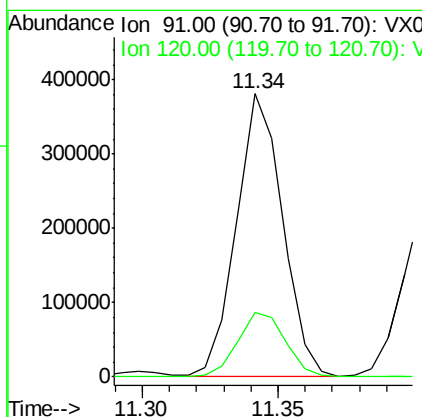
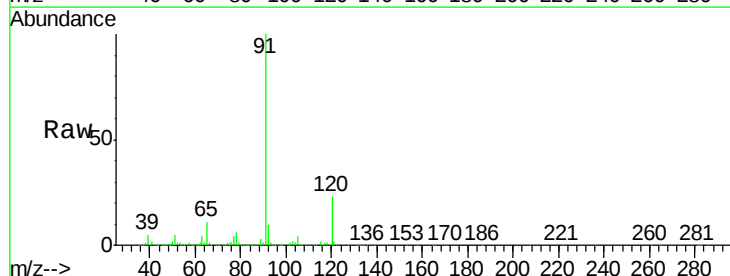
RT: 11.34 min Scan# 1682

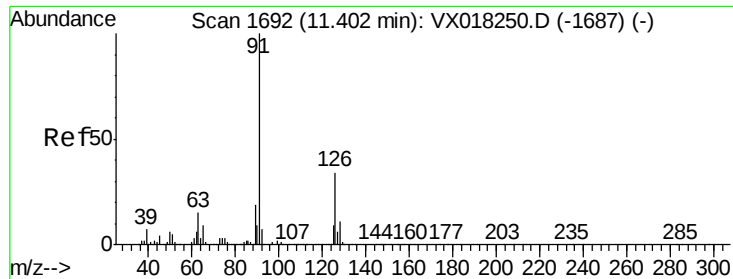
Delta R.T. 0.00 min

Lab File: VX018355.D

Acq: 11 Sep 2020 12:31

Tgt Ion:	91	Resp:	448451
Ion Ratio	Lower	Upper	
91	100		
120	23.5	0.0	45.4





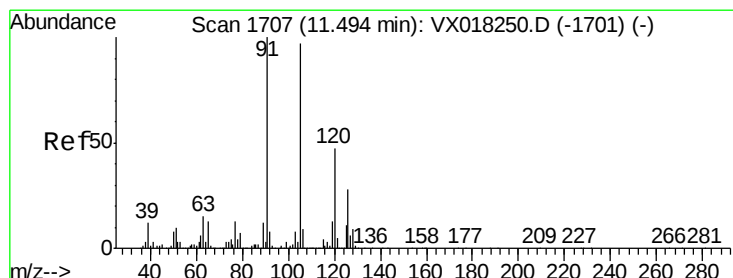
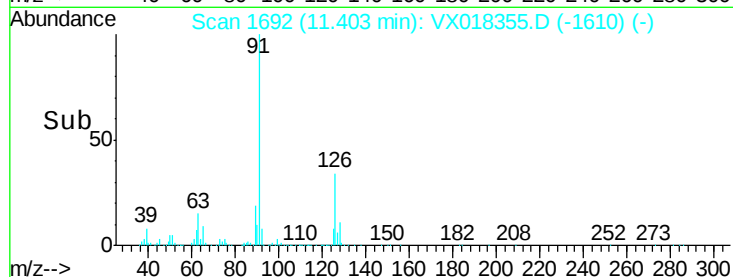
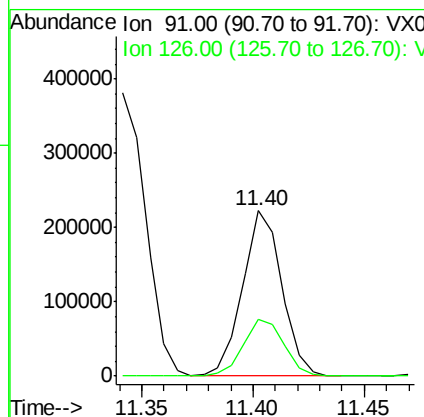
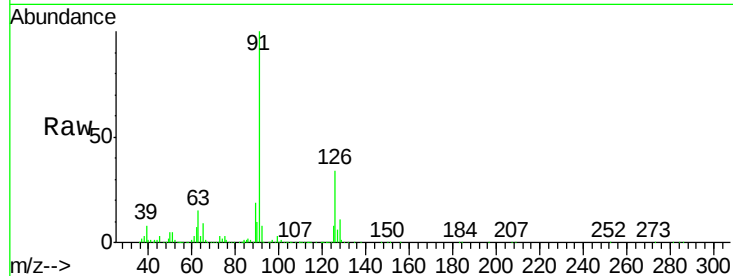
#75
2-Chlorotoluene
Concen: 18.805 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VX018355.D
Acq: 11 Sep 2020 12:31

Instrument :
MSVOA_X
ClientSampleId :
VX0911WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	91	100	275121		
126	126	35.4	0.0	68.4	

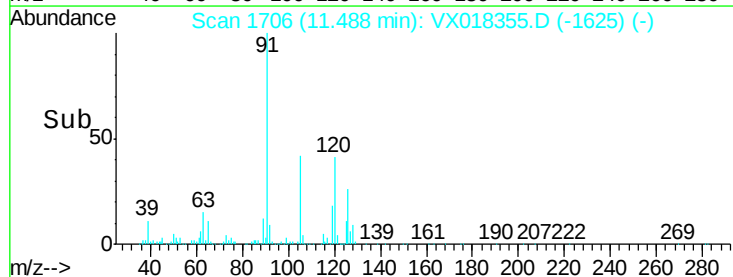
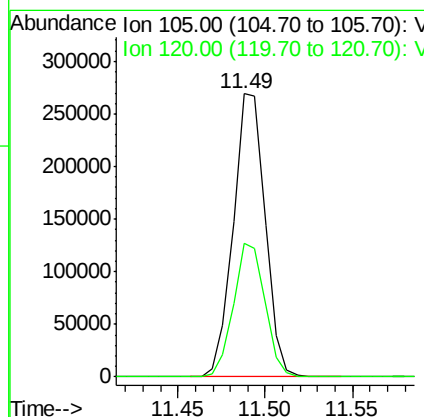
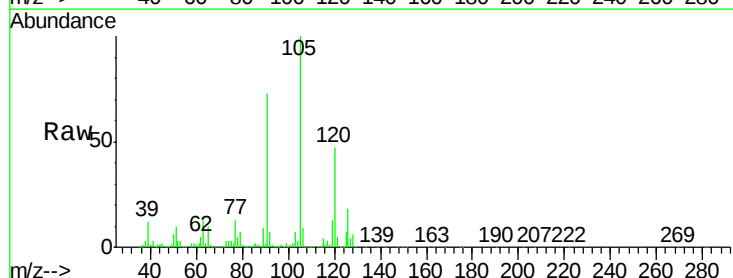
Manual Integrations
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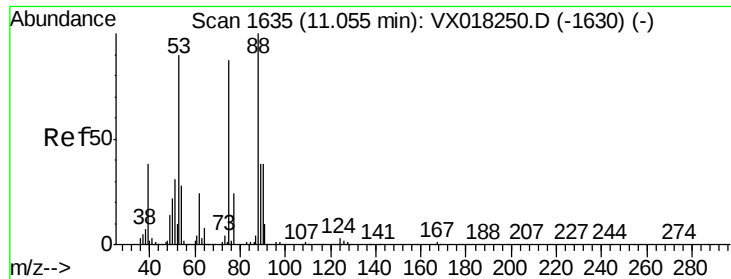
MMDadoda
9/14/2020 12:09:49 PM



#76
1,3,5-Trimethylbenzene
Concen: 19.119 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VX018355.D
Acq: 11 Sep 2020 12:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	105	100	341447		
120	120	46.8	0.0	95.0	





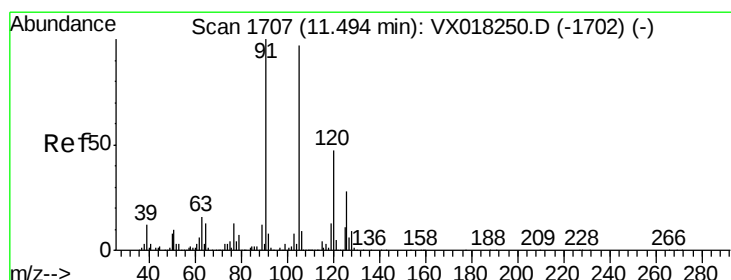
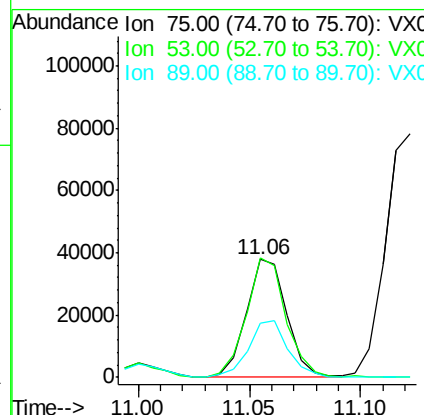
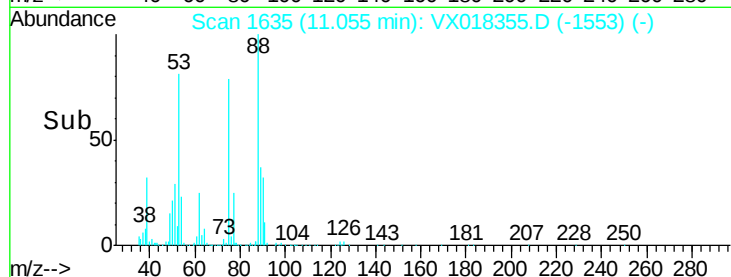
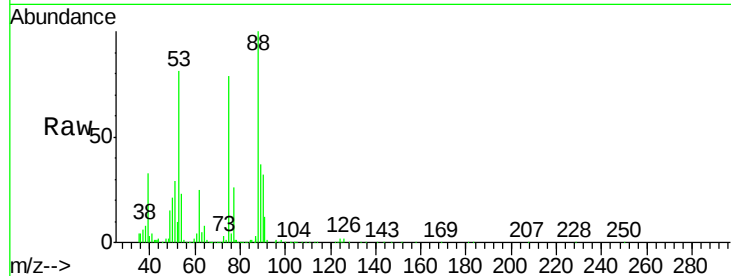
#77
t-1,4-Dichloro-2-butene
Concen: 19.073 ug/l
RT: 11.06 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX018355.D
Acq: 11 Sep 2020 12:31

Instrument :
MSVOA_X
ClientSampleId :
VX0911WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	102.0	52.1	156.4
89	46.4	22.1	66.3

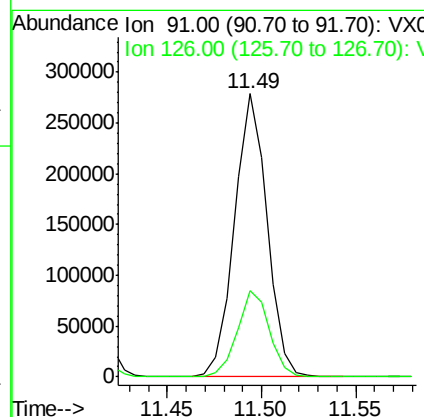
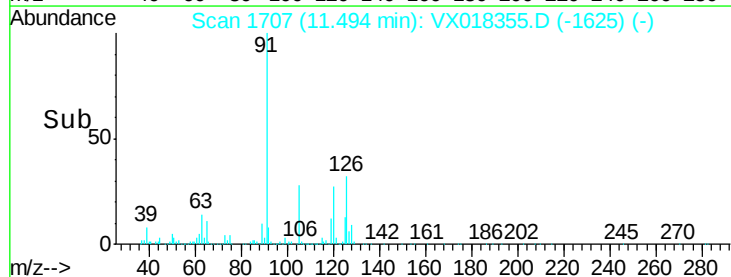
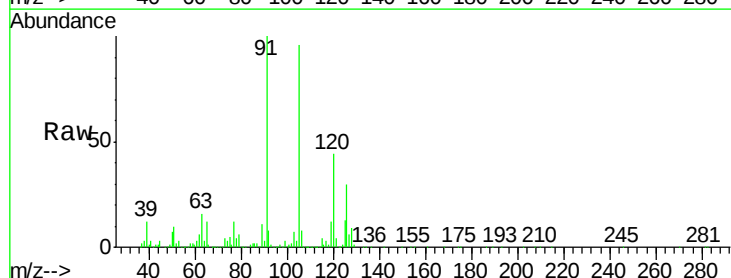
Manual Integrations
APPROVED

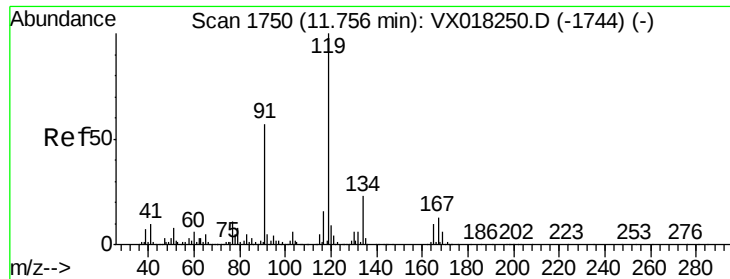
MMDadoda
9/14/2020 12:09:49 PM



#78
4-Chlorotoluene
Concen: 19.127 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX018355.D
Acq: 11 Sep 2020 12:31

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.0	0.0	59.2





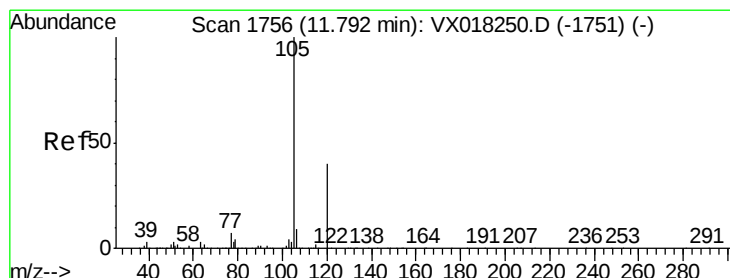
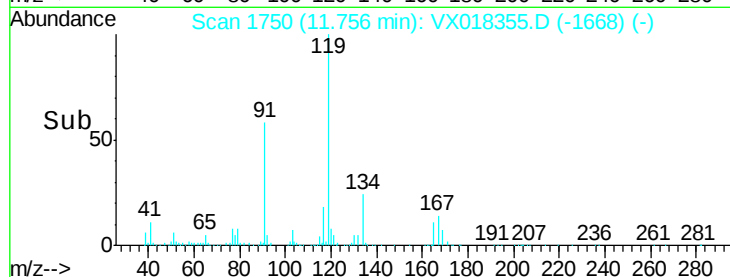
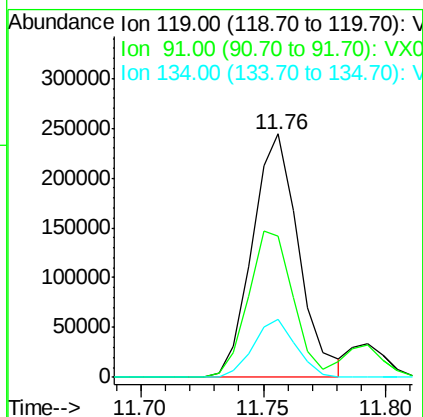
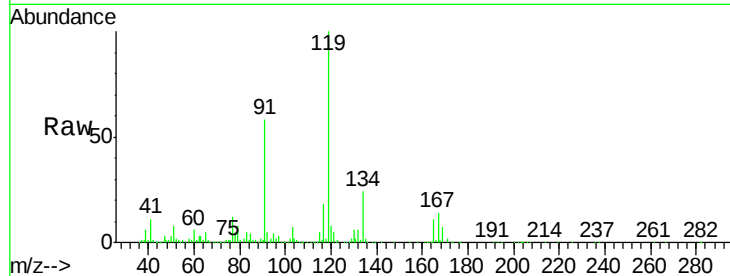
#79
tert-butylbenzene
Concen: 18.810 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX018355.D
Acq: 11 Sep 2020 12:31

Instrument :
MSVOA_X
ClientSampleId :
VX0911WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	323601		
91	58.0	0.0	111.8	
134	21.9	0.0	42.4	

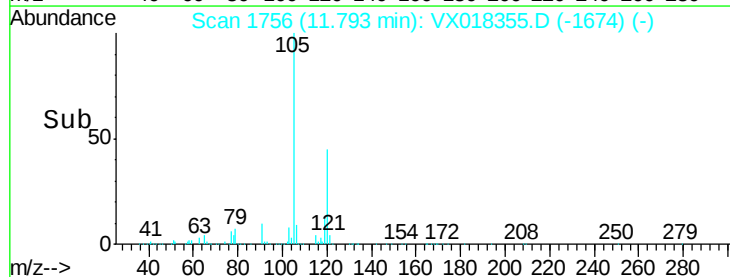
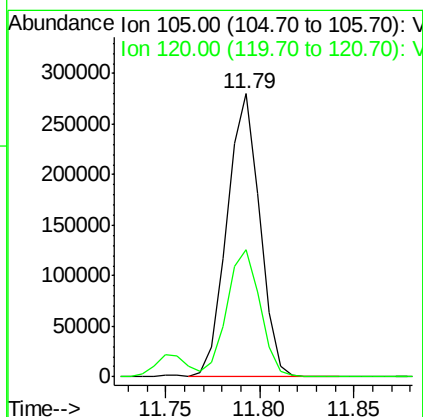
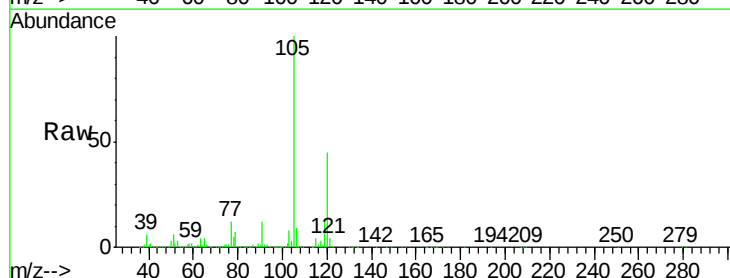
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APPROVED

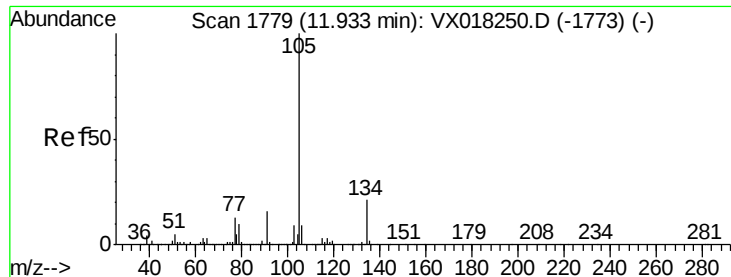
MMDadoda
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#80
1,2,4-Trimethylbenzene
Concen: 19.137 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX018355.D
Acq: 11 Sep 2020 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	338028		
120	45.7	0.0	89.2	





#81

sec-Butylbenzene

Concen: 18.356 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX018355.D

Acq: 11 Sep 2020 12:31

Instrument :

MSVOA_X

ClientSampleId :

VX0911WBSD01

Tot Ion:105 Resp: 368867

Ion Ratio Lower Upper

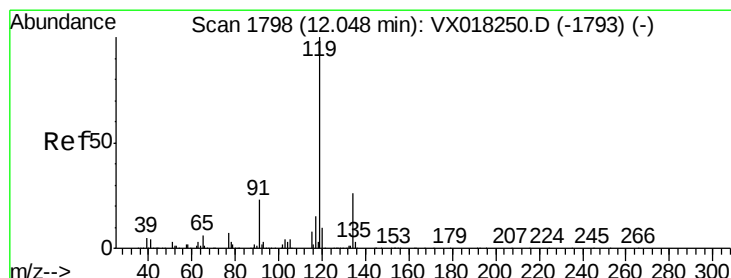
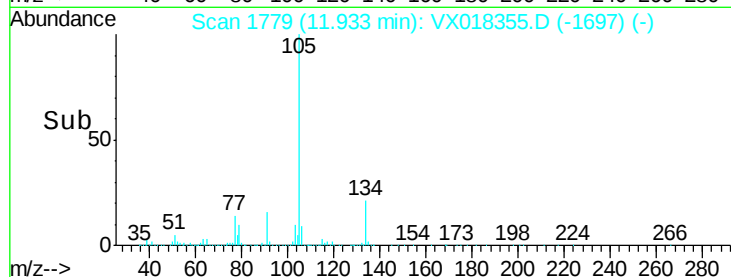
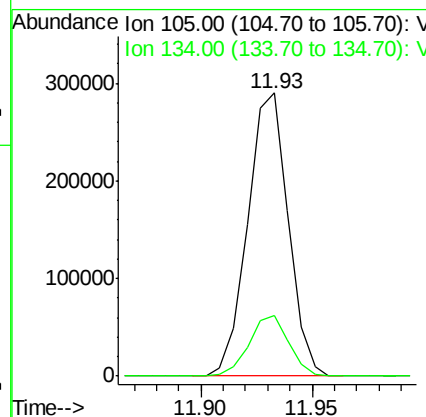
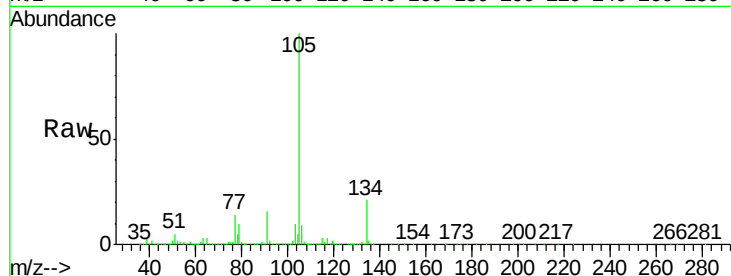
105 100

134 20.9 0.0 40.0

Manual Integrations
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#82

p-Isopropyltoluene

Concen: 18.675 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX018355.D

Acq: 11 Sep 2020 12:31

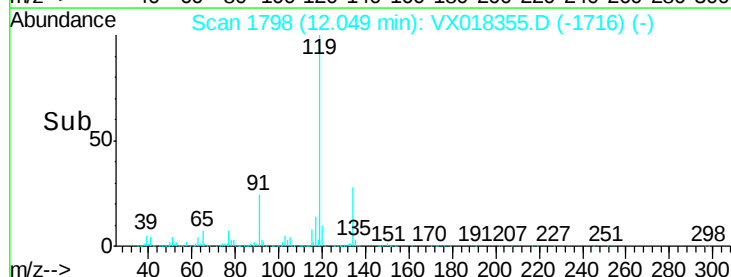
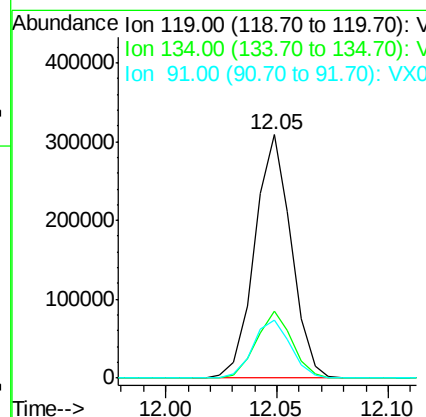
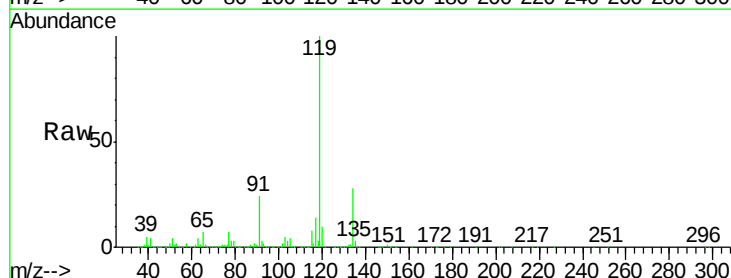
Tgt Ion:119 Resp: 349906

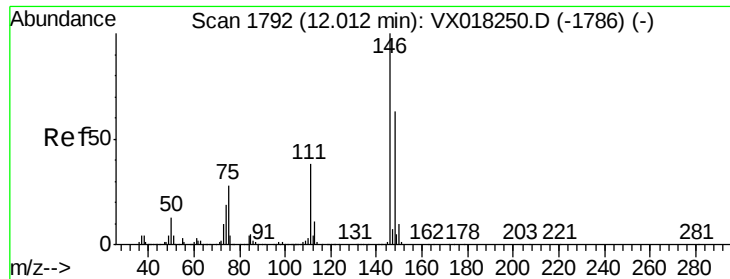
Ion Ratio Lower Upper

119 100

134 27.1 0.0 53.0

91 24.8 0.0 49.8





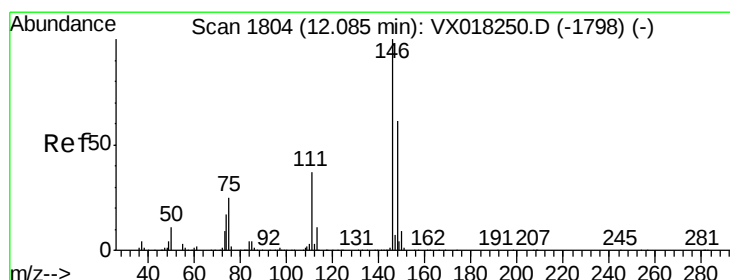
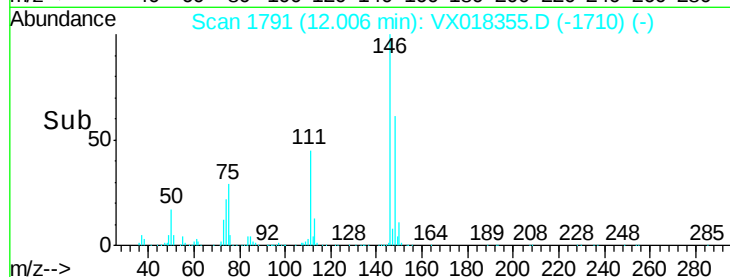
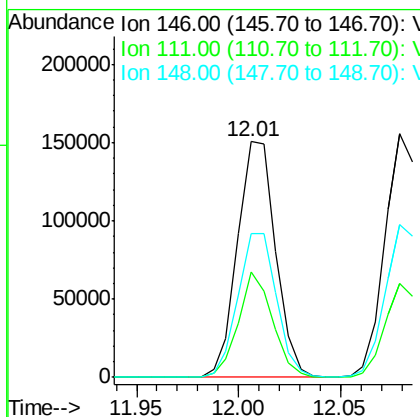
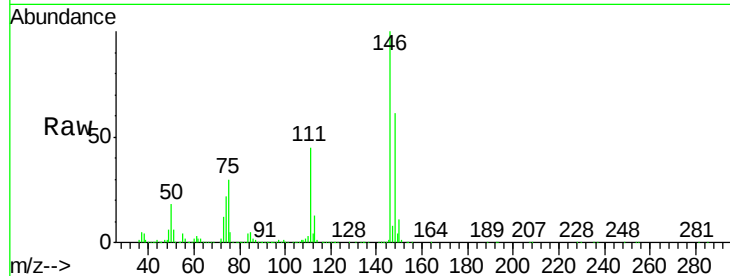
#83
 1,3-Dichlorobenzene
 Concen: 19.522 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX018355.D
 Acq: 11 Sep 2020 12:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0911WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.0	59.9
148	61.8	32.1	96.3

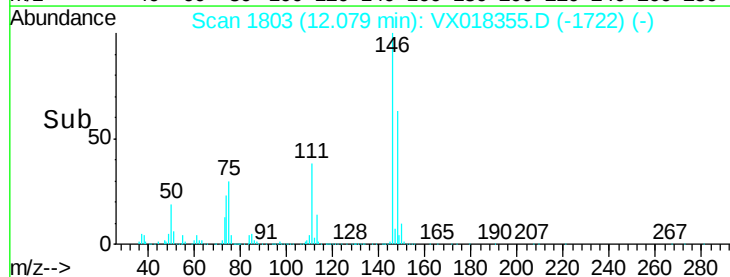
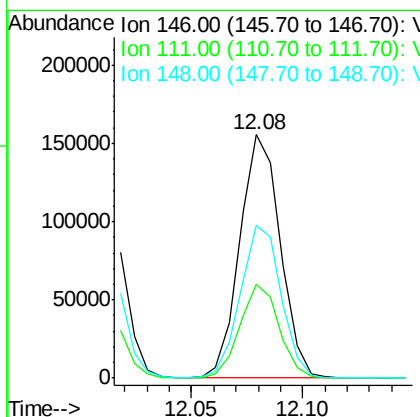
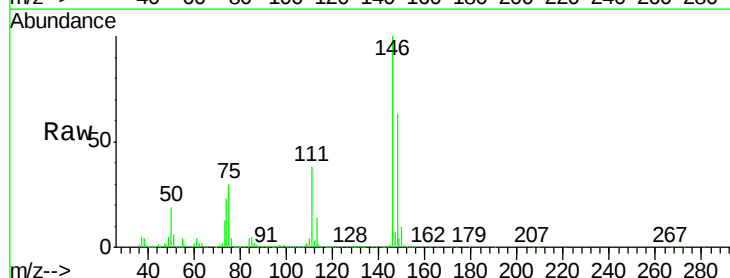
Manual Integrations
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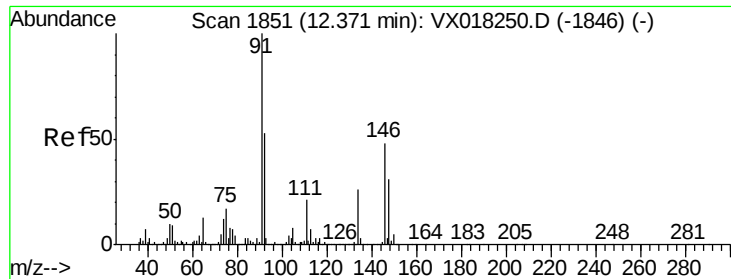
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#84
 1,4-Dichlorobenzene
 Concen: 19.693 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX018355.D
 Acq: 11 Sep 2020 12:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	19.3	57.8
148	63.3	31.7	95.1





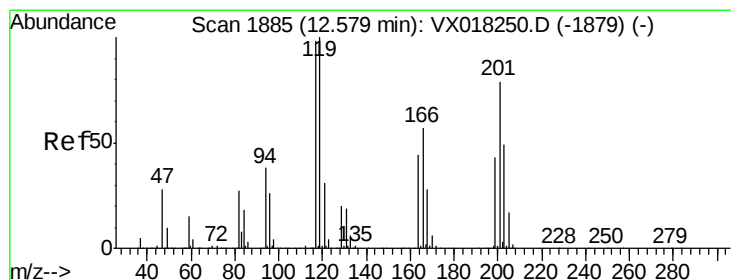
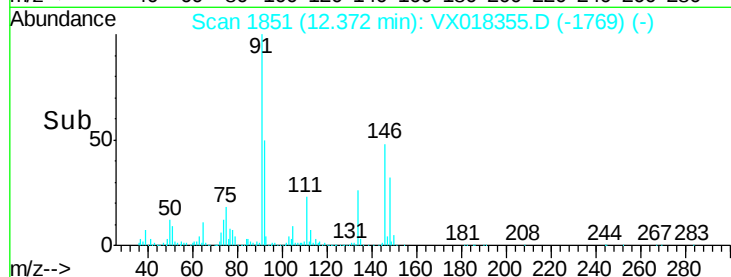
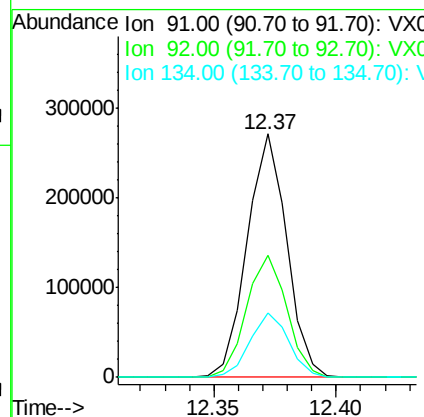
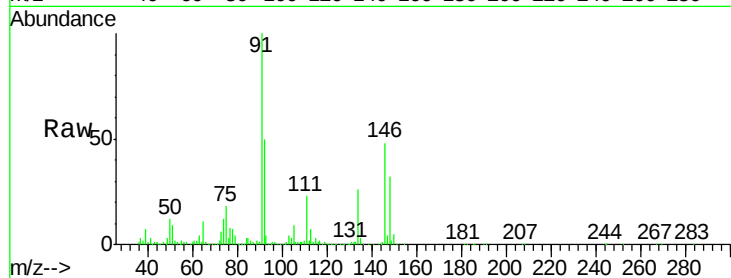
#85
n-Butylbenzene
Concen: 18.438 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018355.D
Acq: 11 Sep 2020 12:31

Instrument :
MSVOA_X
ClientSampleId :
VX0911WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	304151		
92	51.1	0.0	105.0	
134	26.2	0.0	51.0	

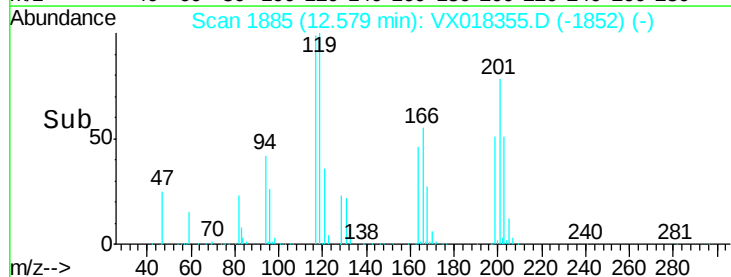
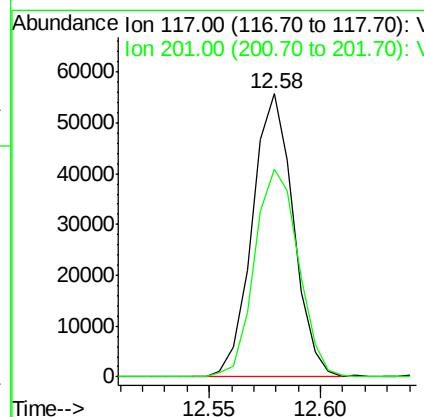
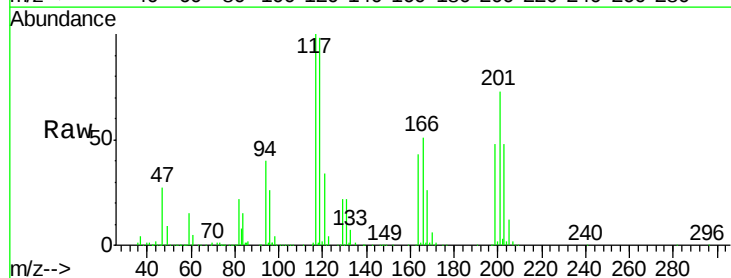
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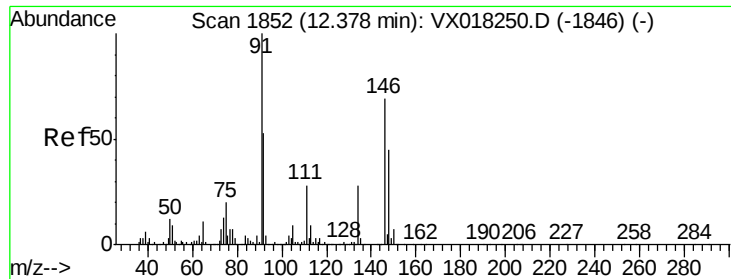
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#86
Hexachloroethane
Concen: 19.404 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX018355.D
Acq: 11 Sep 2020 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	71580		
201	78.3	39.6	118.8	





#87

1,2-Dichlorobenzene

Concen: 19.388 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX018355.D

Acq: 11 Sep 2020 12:31

Instrument :

MSVOA_X

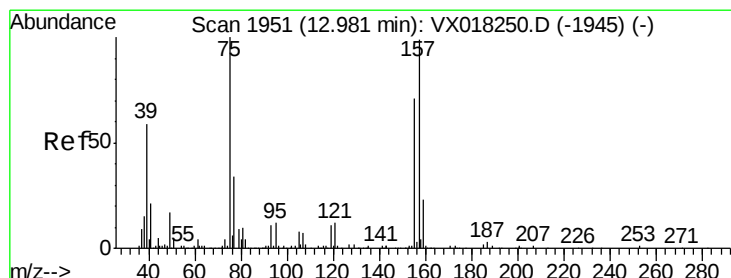
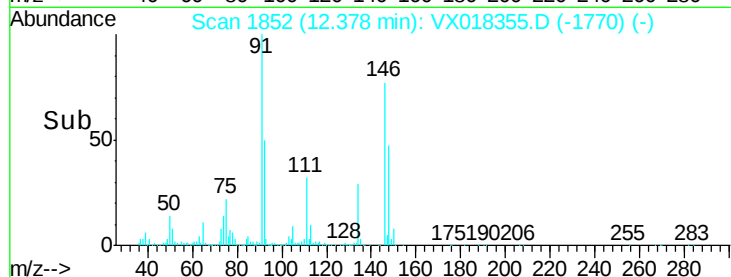
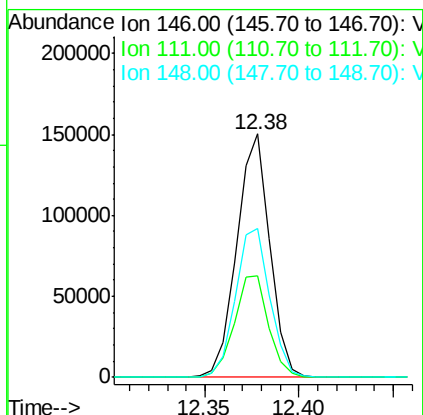
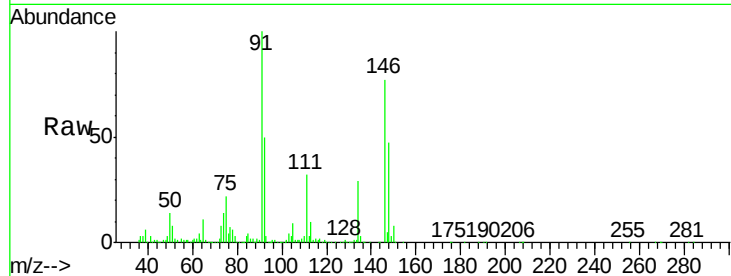
ClientSampleId :

VX0911WBSD01

Tot Ion:	146	Resp:	182310
Ion Ratio	Lower	Upper	
146	100		
111	43.2	21.4	64.3
148	64.0	32.0	96.2

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#88

1,2-Dibromo-3-Chloropropane

Concen: 19.042 ug/l

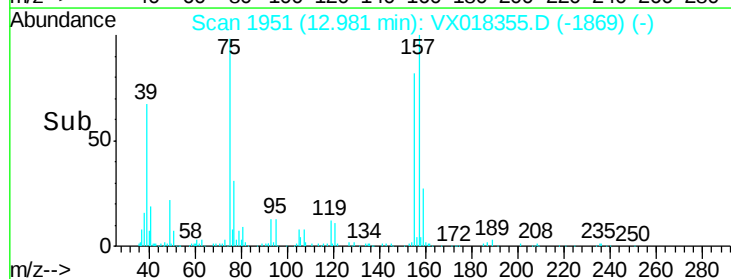
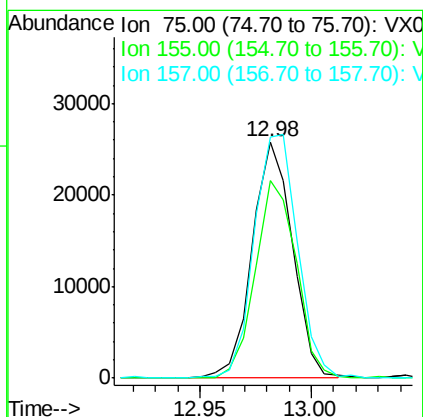
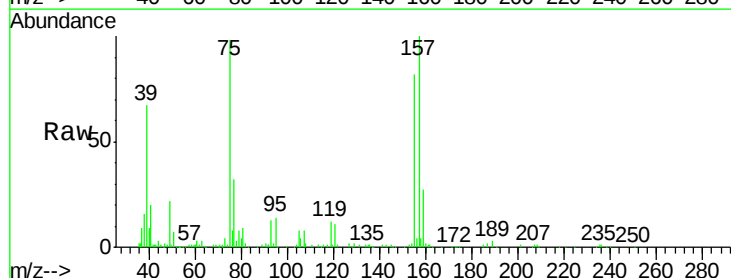
RT: 12.98 min Scan# 1951

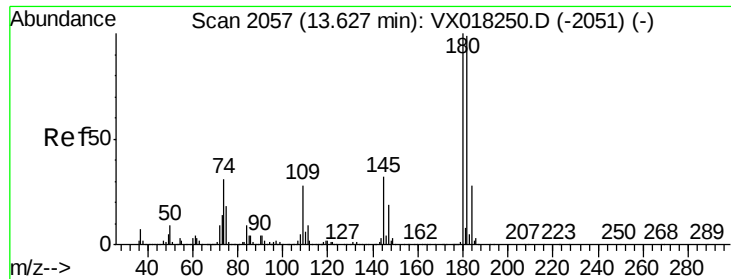
Delta R.T. 0.00 min

Lab File: VX018355.D

Acq: 11 Sep 2020 12:31

Tgt Ion:	75	Resp:	32634
Ion Ratio	Lower	Upper	
75	100		
155	84.6	63.4	95.2
157	110.1	87.0	130.6





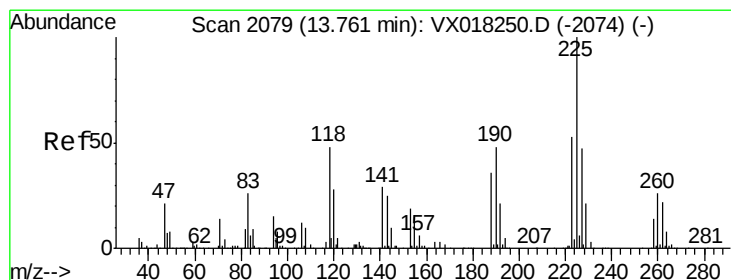
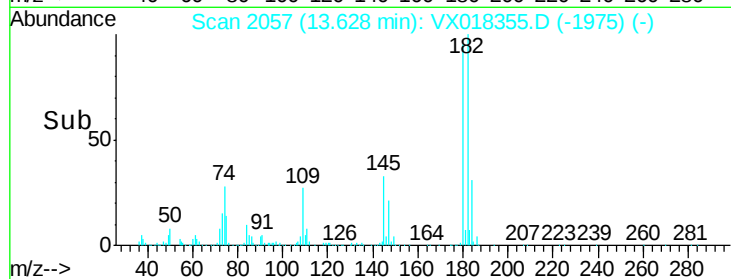
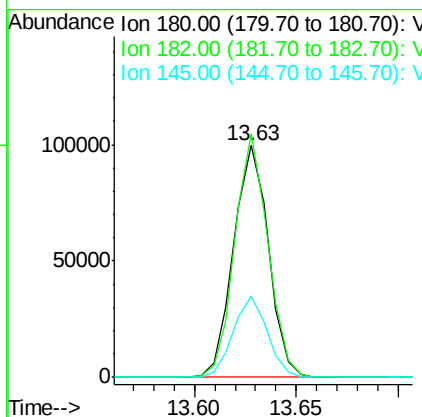
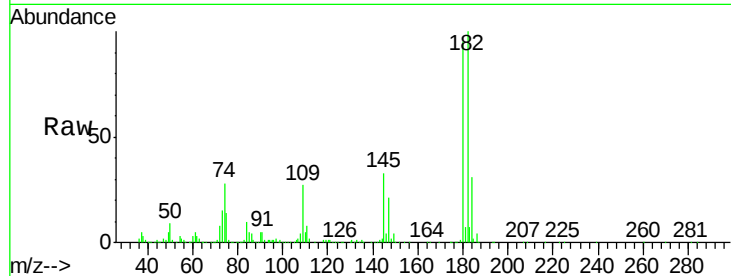
#89
 1,2,4-Trichlorobenzene
 Concen: 18.613 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018355.D
 Acq: 11 Sep 2020 12:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0911WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	118406		
182	99.1	77.1	115.7	
145	33.9	25.0	37.6	

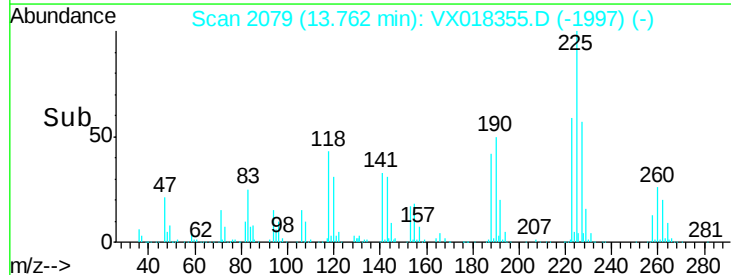
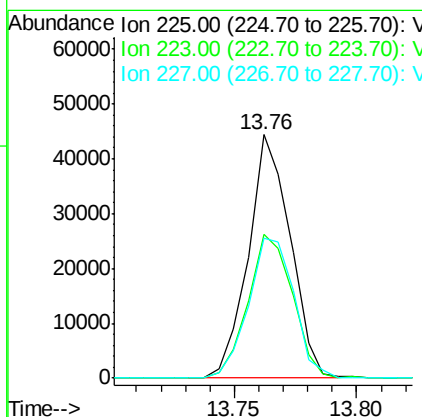
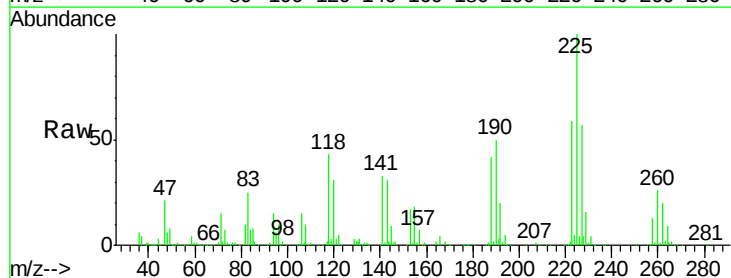
Manual Integrations
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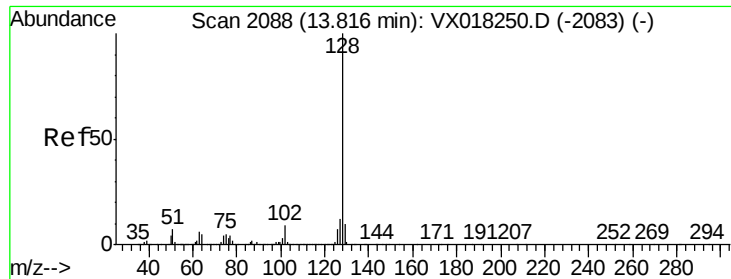
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#90
 Hexachlorobutadiene
 Concen: 19.705 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX018355.D
 Acq: 11 Sep 2020 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	53025		
223	62.3	0.0	115.8	
227	62.2	0.0	117.0	





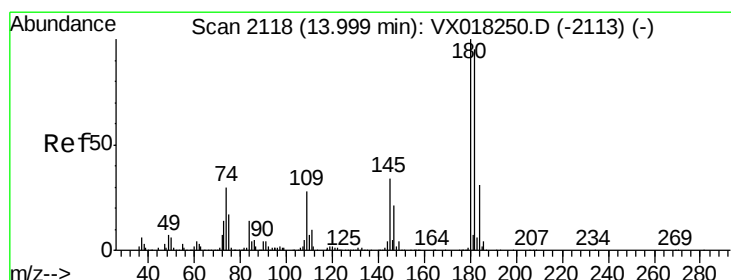
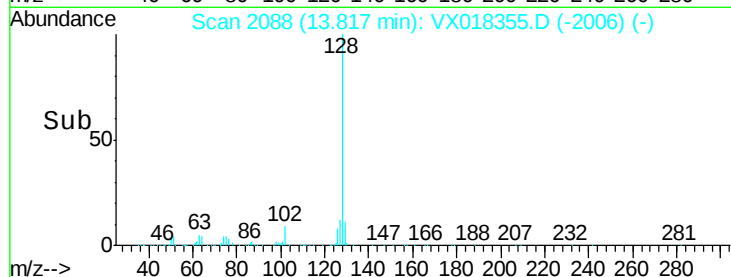
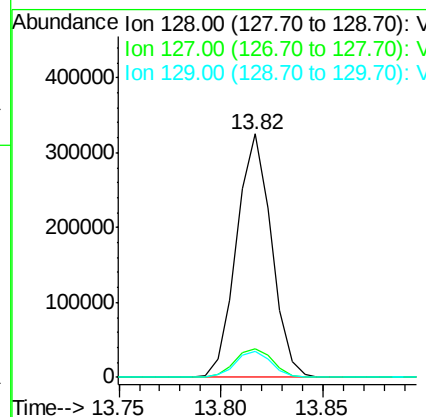
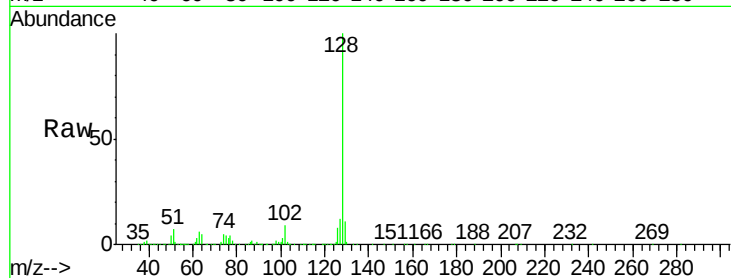
#91
Naphthalene
Concen: 19.279 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX018355.D
Acq: 11 Sep 2020 12:31

Instrument :
MSVOA_X
ClientSampleId :
VX0911WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	11.2	8.7	13.1

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 18.061 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX018355.D
Acq: 11 Sep 2020 12:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	101.8	0.0	191.6
145	35.8	0.0	67.4

