

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100319\
 Data File : VX012778.D
 Acq On : 03 Oct 2019 13:07
 Operator : JC/SP
 Sample : VX1003WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/4/2019 9:18:18 AM

Quant Time: Oct 04 07:01:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	173237	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	291060	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	262259	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	121050	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	113606	45.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.06%	
35) Dibromofluoromethane	5.48	113	88680	51.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.32%	
50) Toluene-d8	8.71	98	330561	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	
62) 4-Bromofluorobenzene	11.13	95	128430	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	31075	15.945	ug/l	99
3) Chloromethane	1.32	50	35878	16.032	ug/l	97
4) Vinyl Chloride	1.40	62	36184	16.267	ug/l	93
5) Bromomethane	1.63	94	16950	19.381	ug/l	91
6) Chloroethane	1.72	64	22882	15.260	ug/l	98
7) Trichlorofluoromethane	1.92	101	53009	16.974	ug/l	100
8) Diethyl Ether	2.18	74	21306	16.647	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	35504	18.665	ug/l	98
10) Methyl Iodide	2.50	142	24657	16.039	ug/l	94
11) Tert butyl alcohol	3.03	59	53337	84.638	ug/l	99
12) 1,1-Dichloroethene	2.36	96	33817	18.156	ug/l	95
13) Acrolein	2.28	56	22139	70.717	ug/l	96
14) Allyl chloride	2.72	41	60194	16.289	ug/l	96
15) Acrylonitrile	3.13	53	108860	85.147	ug/l	98
16) Acetone	2.43	43	105199	78.729	ug/l	93
17) Carbon Disulfide	2.56	76	79535	15.232	ug/l	98
18) Methyl Acetate	2.76	43	55595	17.670	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	126206	17.901	ug/l	99
20) Methylene Chloride	2.84	84	40377	17.866	ug/l	94
21) trans-1,2-Dichloroethene	3.15	96	36099	17.494	ug/l	94
22) Diisopropyl ether	3.84	45	127031	17.790	ug/l	97
23) Vinyl Acetate	3.80	43	526214	84.034	ug/l	98
24) 1,1-Dichloroethane	3.69	63	70233	18.095	ug/l	97
25) 2-Butanone	4.65	43	154012	80.385	ug/l	96
26) 2,2-Dichloropropane	4.57	77	56922	16.489	ug/l	96
27) cis-1,2-Dichloroethene	4.58	96	43242	18.060	ug/l	92
28) Bromochloromethane	5.00	49	27253	19.337	ug/l	95
29) Tetrahydrofuran	5.12	42	96465	82.607	ug/l	96
30) Chloroform	5.19	83	71060	17.895	ug/l	96
31) Cyclohexane	5.57	56	60271	17.164	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	61641	17.515	ug/l	98
36) 1,1-Dichloropropene	5.78	75	50073	17.848	ug/l	95
37) Ethyl Acetate	4.82	43	57339	17.482	ug/l	97
38) Carbon Tetrachloride	5.77	117	51886	18.206	ug/l	99

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Quant Time: Oct 04 07:01:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	60047	17.779	ug/l	96
40) Benzene	6.13	78	156845	19.001	ug/l	97
41) Methacrylonitrile	5.03	41	32390	17.601	ug/l	94
42) 1,2-Dichloroethane	6.18	62	58393	18.629	ug/l	98
43) Isopropyl Acetate	6.43	43	93915	17.122	ug/l	97
44) Trichloroethene	7.21	130	40838	19.352	ug/l	93
45) 1,2-Dichloropropane	7.51	63	40804	19.308	ug/l	96
46) Dibromomethane	7.65	93	26462	18.390	ug/l	98
47) Bromodichloromethane	7.89	83	52090	18.113	ug/l	98
48) Methyl methacrylate	7.76	41	44784	17.028	ug/l	93
49) 1,4-Dioxane	7.73	88	20973	351.575	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	298140	88.055	ug/l	96
52) Toluene	8.78	92	100963	19.461	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	56339	17.707	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	62376	17.955	ug/l	91
55) 1,1,2-Trichloroethane	9.21	97	40599	19.683	ug/l	99
56) Ethyl methacrylate	9.17	69	61497	17.747	ug/l	92
57) 1,3-Dichloropropane	9.37	76	68141	18.876	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	156223	100.436	ug/l	100
59) 2-Hexanone	9.48	43	223948	86.411	ug/l	95
60) Dibromochloromethane	9.58	129	38831	18.597	ug/l	98
61) 1,2-Dibromoethane	9.67	107	42550	19.822	ug/l	98
64) Tetrachloroethene	9.33	164	38562	21.089	ug/l	94
65) Chlorobenzene	10.14	112	105096	19.030	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	37226	18.604	ug/l	97
67) Ethyl Benzene	10.24	91	187683	18.737	ug/l	98
68) m/p-Xylenes	10.35	106	141172	37.623	ug/l	98
69) o-Xylene	10.70	106	67834	18.683	ug/l	100
70) Styrene	10.71	104	117619	19.324	ug/l	97
71) Bromoform	10.85	173	24919	17.885	ug/l #	97
73) Isopropylbenzene	11.01	105	186047	18.871	ug/l	100
74) N-amyl acetate	10.89	43	75783	16.112	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.26	83	59903	18.346	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	57474m	17.949	ug/l	
77) Bromobenzene	11.25	156	42466	19.031	ug/l	96
78) n-propylbenzene	11.35	91	202535	18.247	ug/l	100
79) 2-Chlorotoluene	11.42	91	122143	17.640	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	157757	19.081	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	16799	15.035	ug/l	99
82) 4-Chlorotoluene	11.51	91	141395	17.913	ug/l	100
83) tert-Butylbenzene	11.76	119	145258	18.213	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	156790	18.799	ug/l	99
85) sec-Butylbenzene	11.94	105	174876	18.852	ug/l	99
86) p-Isopropyltoluene	12.06	119	159581	19.066	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	78922	19.654	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	77060	18.991	ug/l	99
89) n-Butylbenzene	12.38	91	130904	17.748	ug/l	100
90) Hexachloroethane	12.59	117	24952	16.721	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	76969	19.145	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	13390	16.394	ug/l	97

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ClientSampleId :
VX1003WBS01

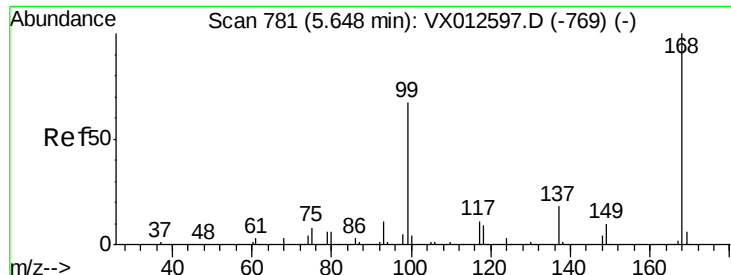
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	45551	18.579	ug/l	98
94) Hexachlorobutadiene	13.78	225	20218	19.169	ug/l	99
95) Naphthalene	13.83	128	161360	18.191	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	45832	18.661	ug/l	97

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



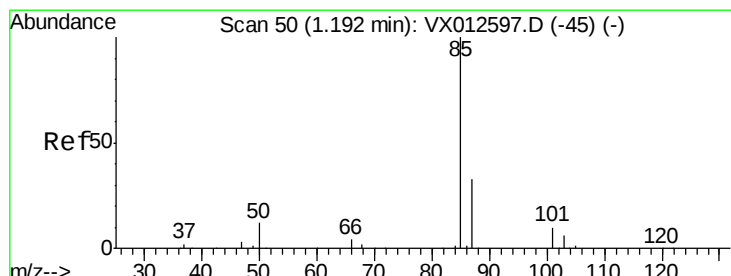
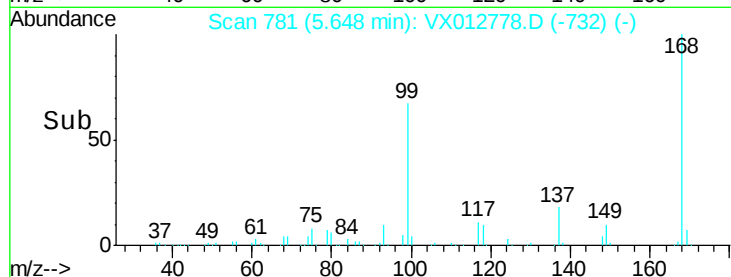
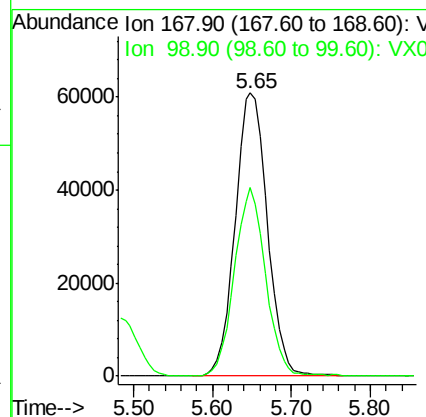
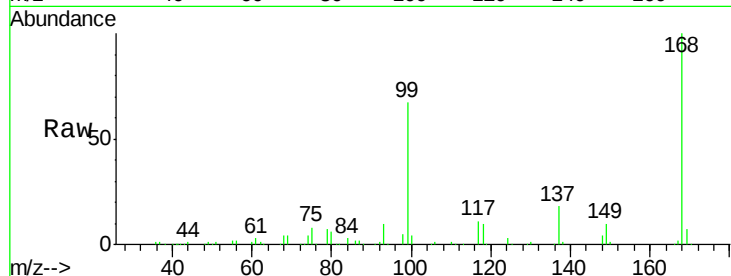
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.00 min
Lab File: VX012778.D
Acq: 03 Oct 2019 13:07

Instrument :
MSVOA_X
ClientSampleId :
VX1003WBS01

Tot Ion	Ratio	Lower	Upper
168	100		
99	66.6	51.4	77.2

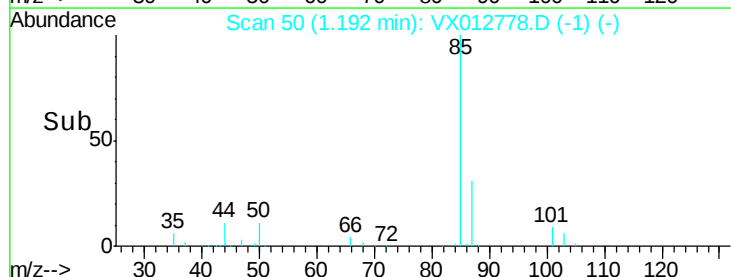
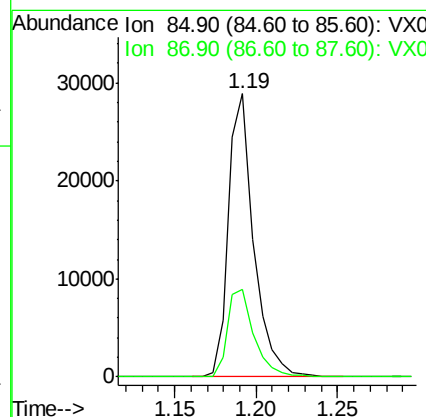
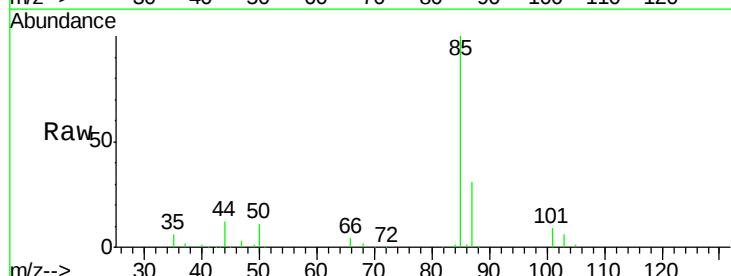
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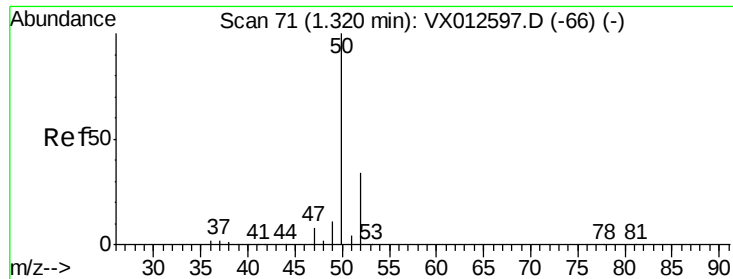
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#2
Dichlorodifluoromethane
Concen: 15.945 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.01 min
Lab File: VX012778.D
Acq: 03 Oct 2019 13:07

Tgt Ion	Ratio	Lower	Upper
85	100		
87	30.8	15.6	46.8





#3

Chloromethane

Concen: 16.032 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX012778.D

Acq: 03 Oct 2019 13:07

Instrument :

MSVOA_X

ClientSampleId :

VX1003WBS01

Tot Ion: 50 Resp: 35878

Ion Ratio Lower Upper

50 100

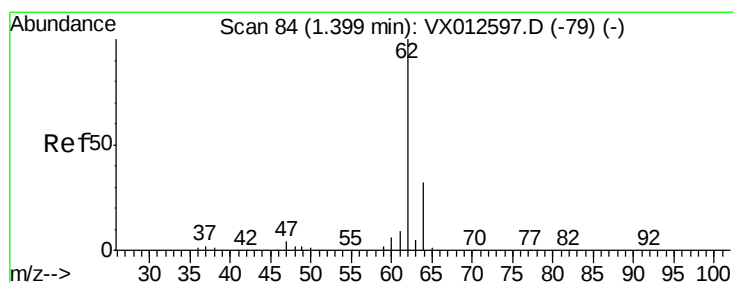
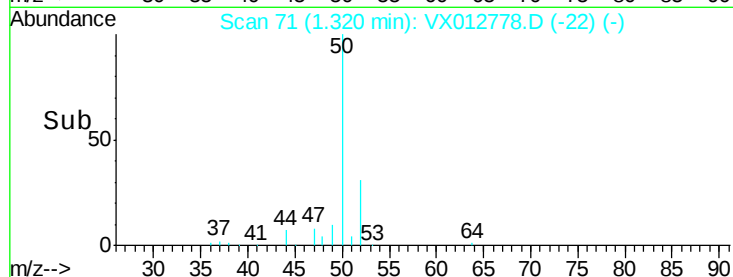
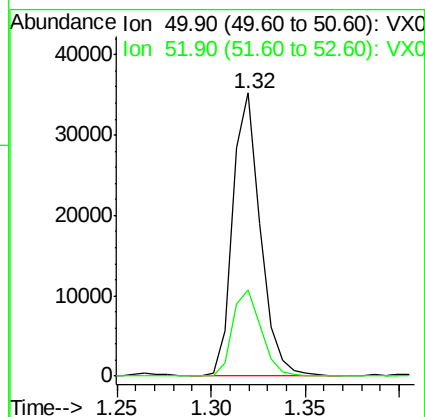
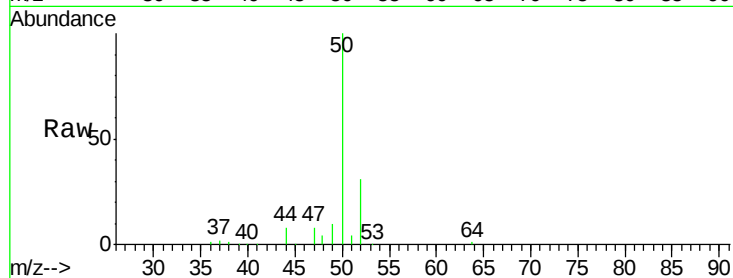
52 30.6 25.7 38.5

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#4

Vinyl Chloride

Concen: 16.267 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX012778.D

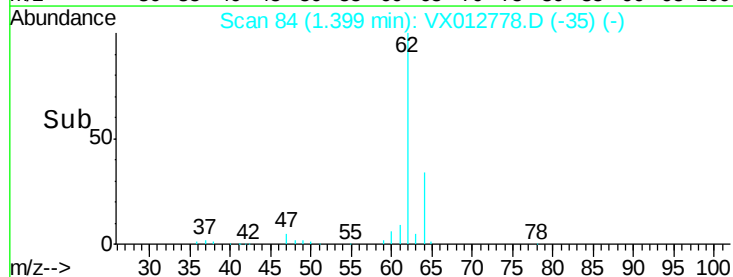
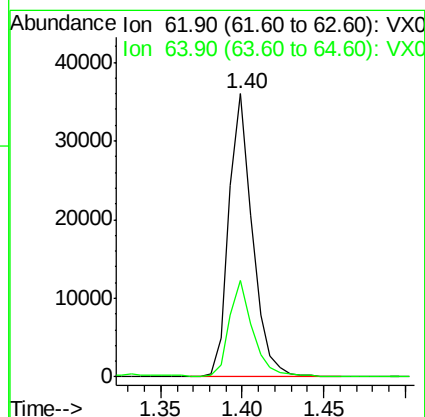
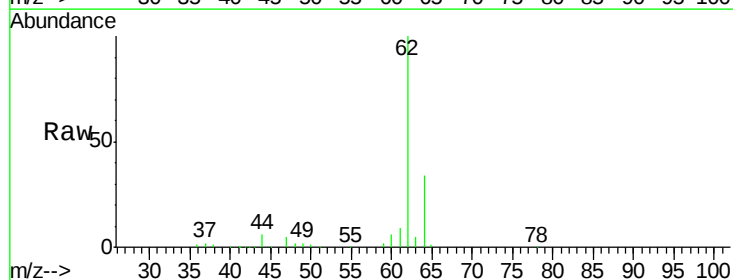
Acq: 03 Oct 2019 13:07

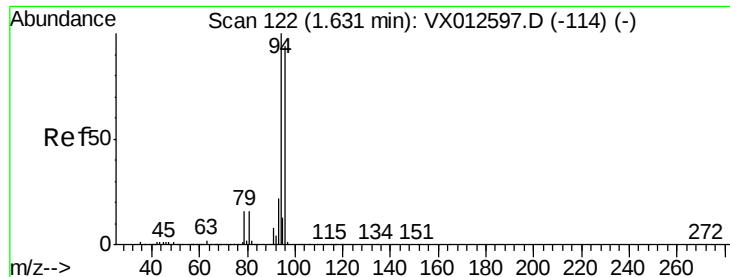
Tgt Ion: 62 Resp: 36184

Ion Ratio Lower Upper

62 100

64 34.0 24.2 36.2





#5

Bromomethane

Concen: 19.381 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012778.D

Acq: 03 Oct 2019 13:07

Instrument :

MSVOA_X

ClientSampleId :

VX1003WBS01

Tot Ion: 94 Resp: 16950

Ion Ratio Lower Upper

94 100

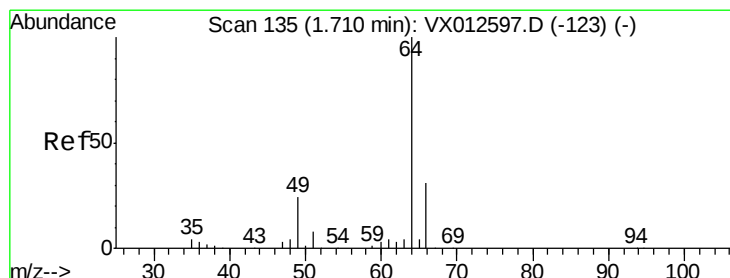
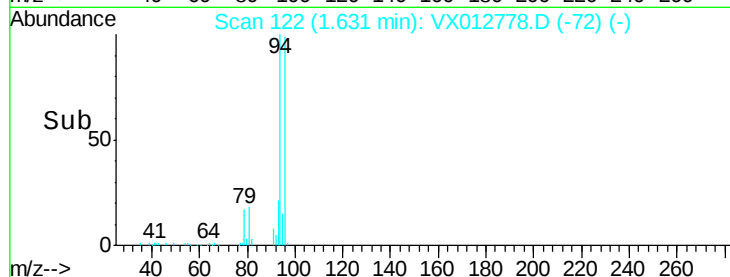
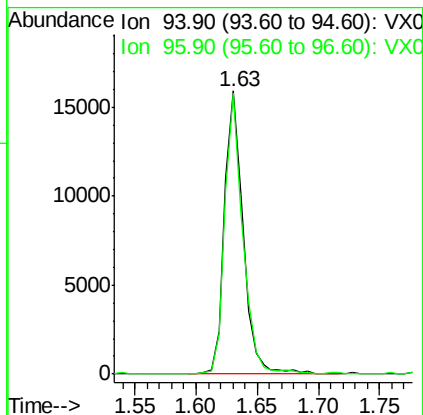
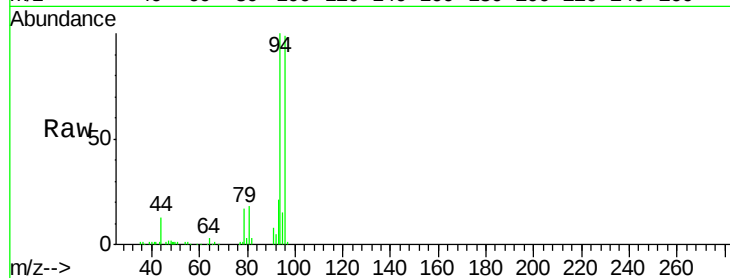
96 99.4 72.8 109.2

Manual Integrations

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#6

Chloroethane

Concen: 15.260 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX012778.D

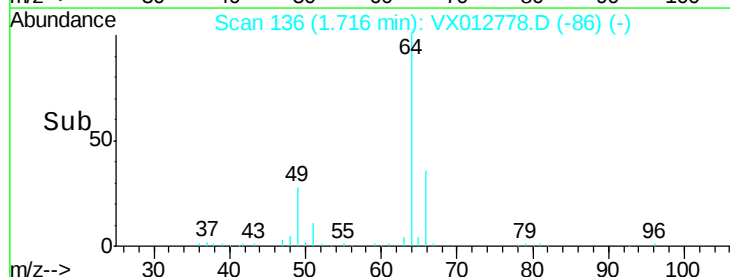
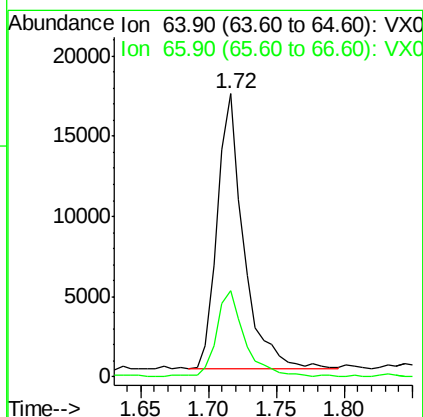
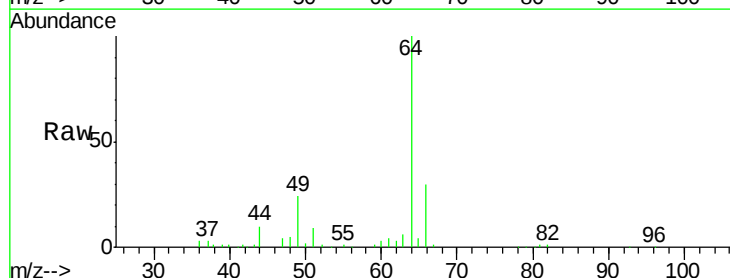
Acq: 03 Oct 2019 13:07

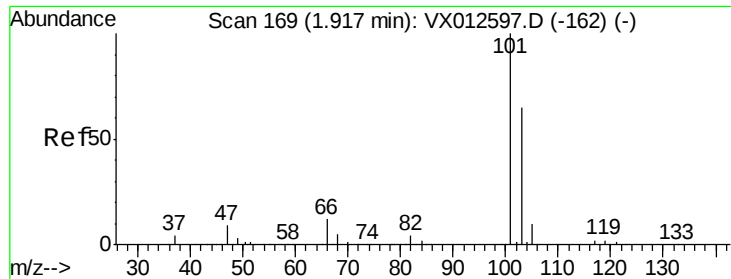
Tgt Ion: 64 Resp: 22882

Ion Ratio Lower Upper

64 100

66 30.8 24.0 36.0





#7

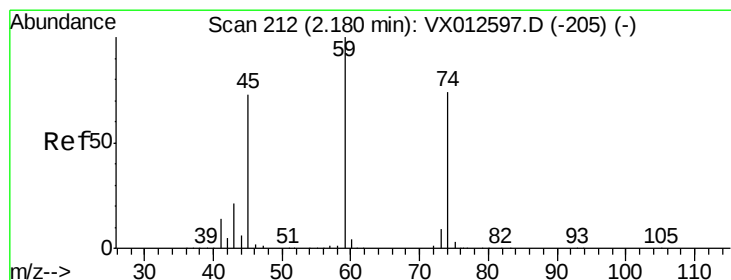
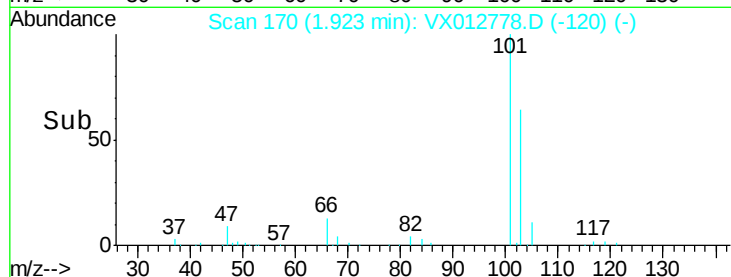
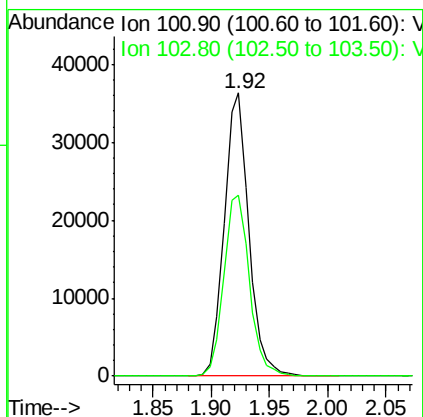
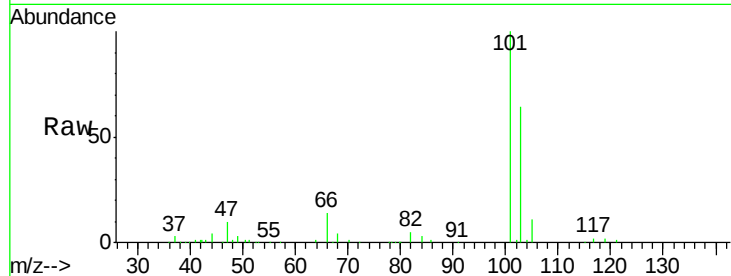
Trichlorofluoromethane
Concen: 16.974 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX012778.D
Acq: 03 Oct 2019 13:07

Instrument :
MSVOA_X
ClientSampleId :
VX1003WBS01

Tot Ion:101 Resp: 53009
Ion Ratio Lower Upper
101 100
103 63.8 51.0 76.4

Manual Integrations
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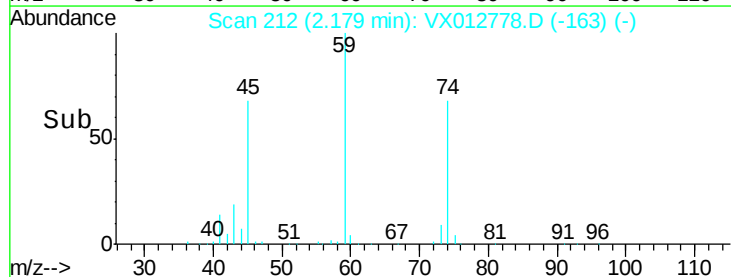
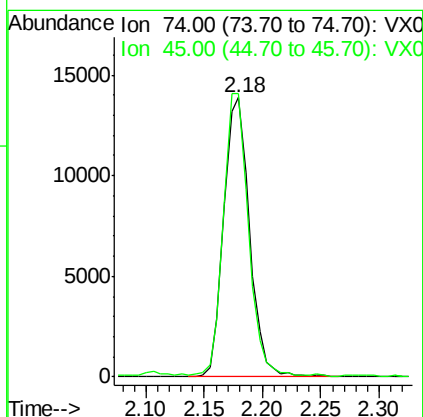
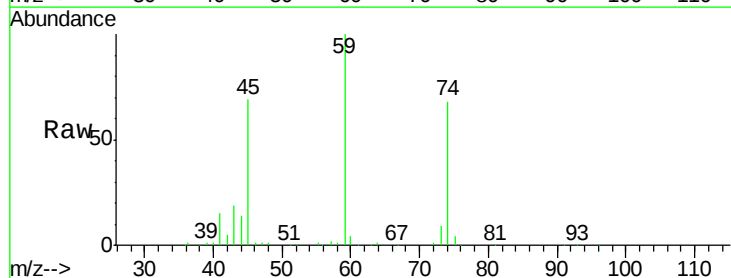
MMDadoda
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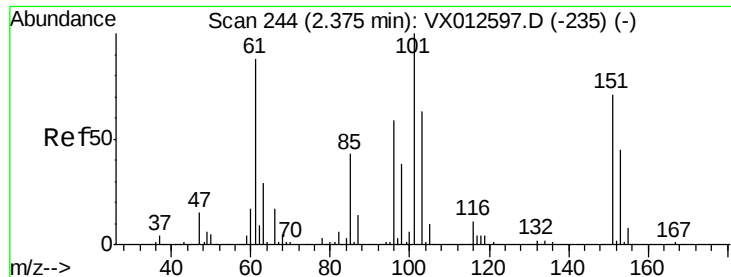


#8

Diethyl Ether
Concen: 16.647 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX012778.D
Acq: 03 Oct 2019 13:07

Tgt Ion: 74 Resp: 21306
Ion Ratio Lower Upper
74 100
45 97.7 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.665 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX012778.D

Acq: 03 Oct 2019 13:07

Instrument :

MSVOA_X

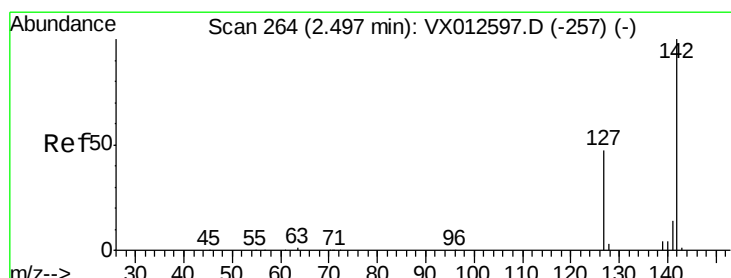
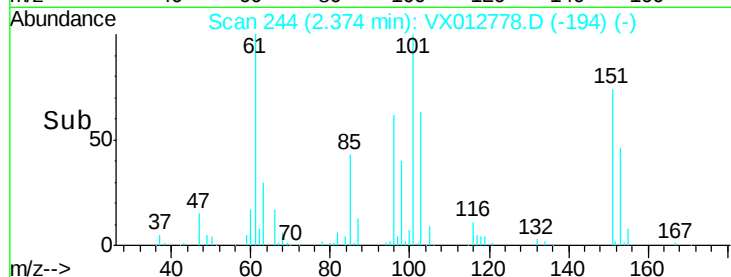
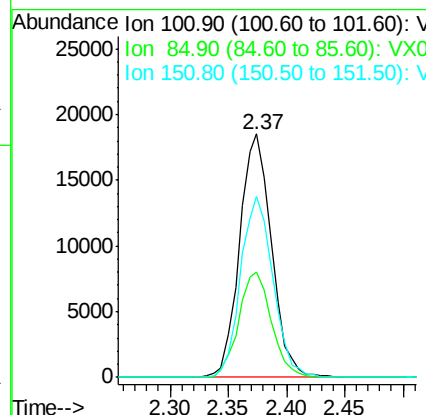
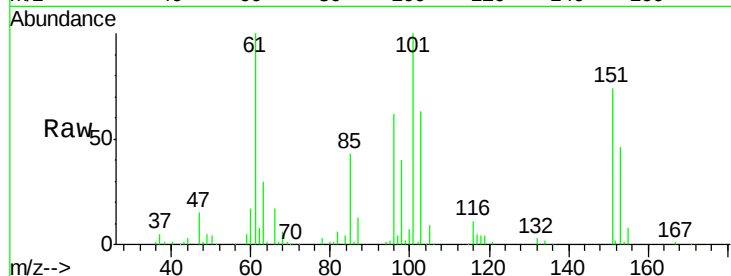
ClientSampleId :

VX1003WBS01

Tot Ion:	101	Resp:	35504
Ion Ratio	Lower	Upper	
101	100		
85	44.2	37.3	55.9
151	75.3	61.0	91.4

Manual Integrations
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10/4/2019 9:18:18 AM



#10

Methyl Iodide

Concen: 16.039 ug/l

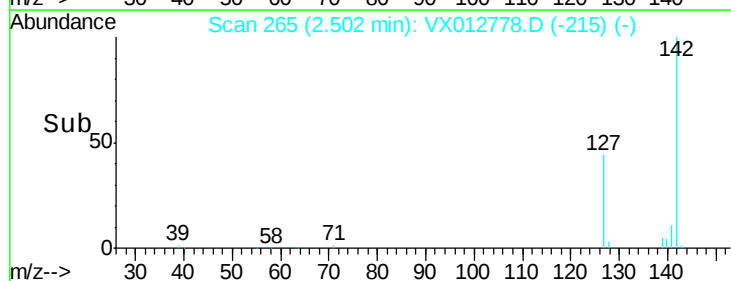
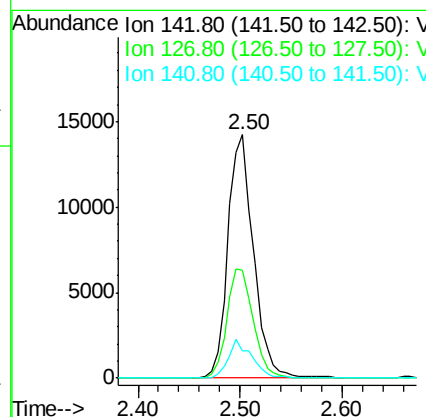
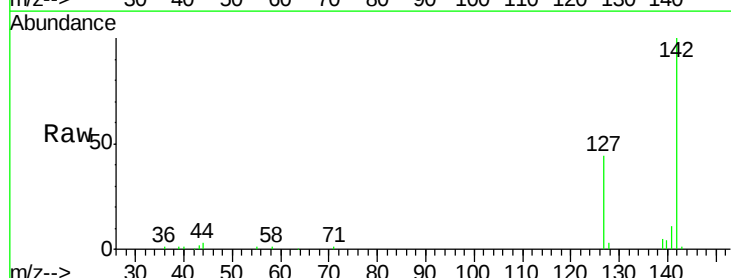
RT: 2.50 min Scan# 265

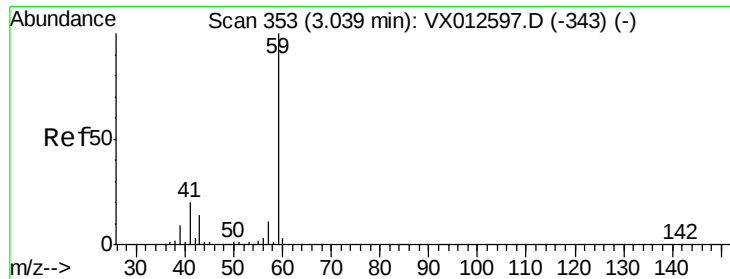
Delta R.T. 0.01 min

Lab File: VX012778.D

Acq: 03 Oct 2019 13:07

Tgt Ion:	142	Resp:	24657
Ion Ratio	Lower	Upper	
142	100		
127	46.1	40.8	61.2
141	14.4	12.1	18.1





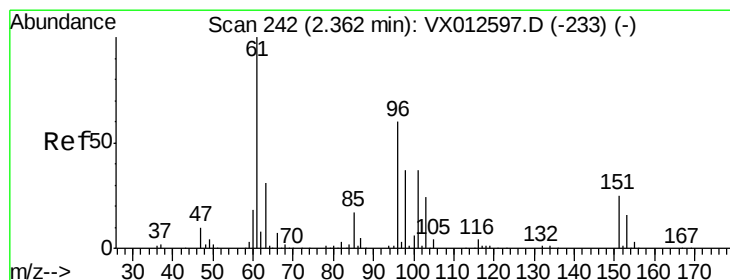
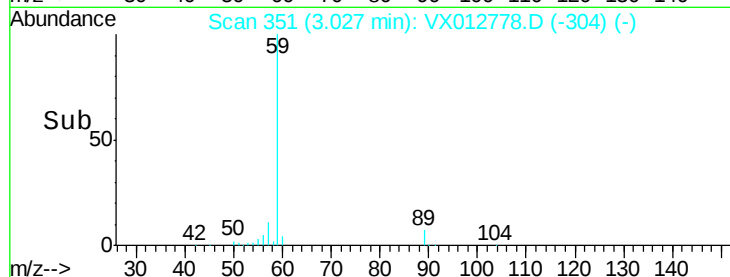
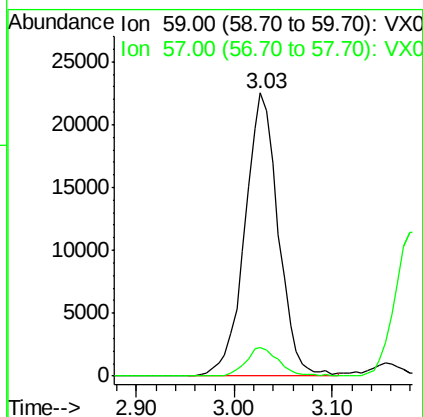
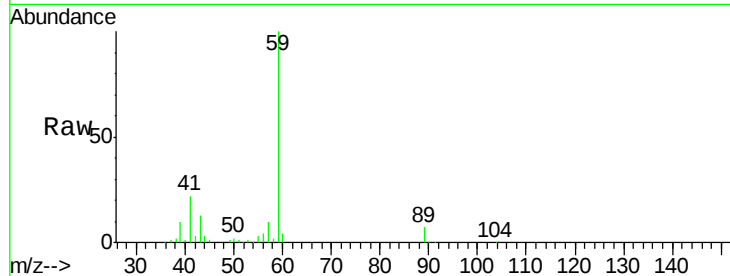
#11
Tert butyl alcohol
Concen: 84.638 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX012778.D
Acq: 03 Oct 2019 13:07

Instrument :
MSVOA_X
ClientSampleId :
VX1003WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.3	12.5

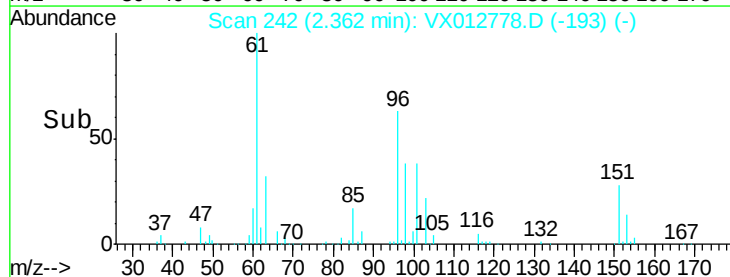
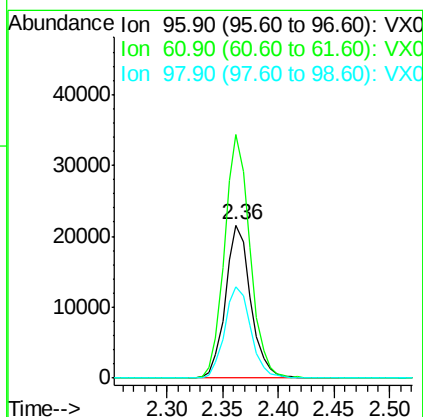
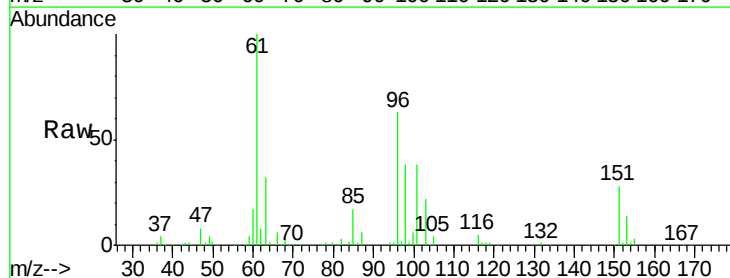
Manual Integrations
APPROVED

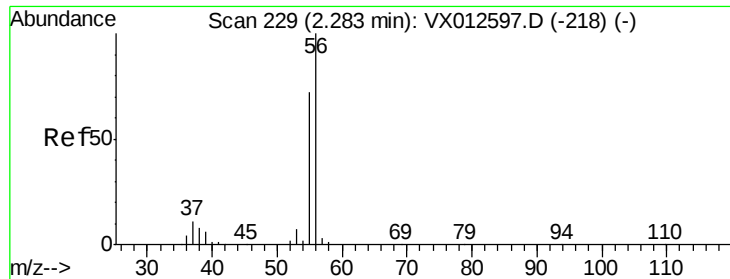
MMDadoda
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#12
1,1-Dichloroethene
Concen: 18.156 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX012778.D
Acq: 03 Oct 2019 13:07

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.4	133.8	200.6
98	60.0	49.9	74.9





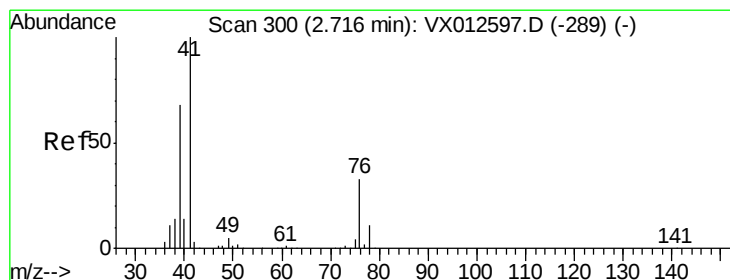
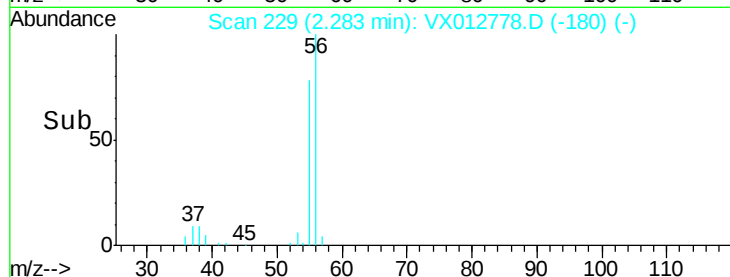
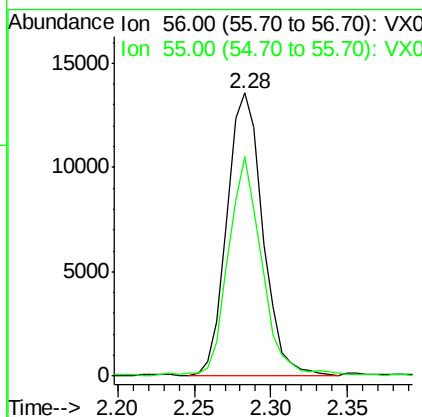
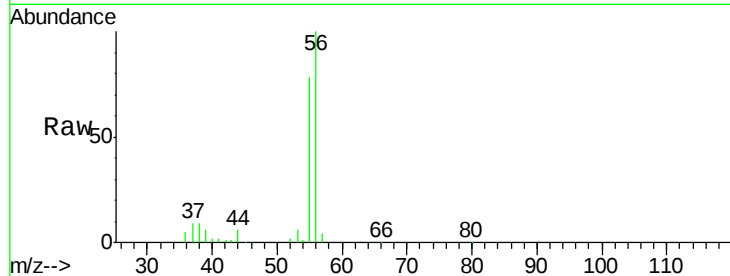
#13
Acrolein
Concen: 70.717 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX012778.D
Acq: 03 Oct 2019 13:07

Instrument :
MSVOA_X
ClientSampleId :
VX1003WBS01

Tot Ion	56	55	Ratio	100	73.2	Resp	22139	Lower	55.8	Upper	83.8

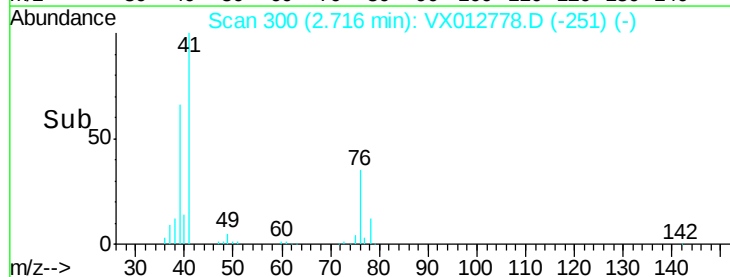
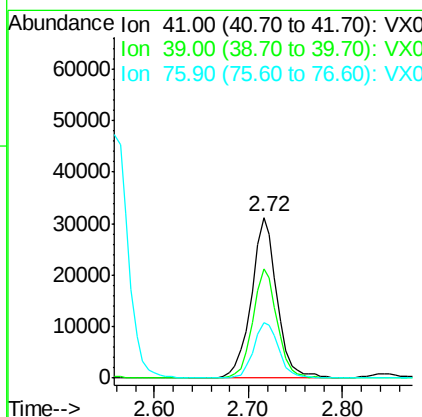
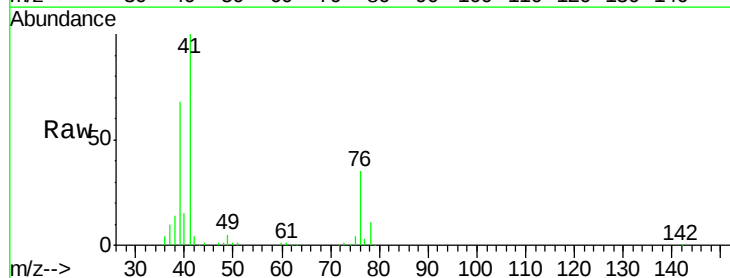
Manual Integrations
APPROVED

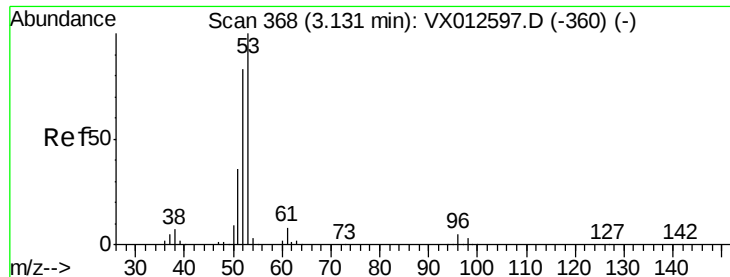
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#14
Allyl chloride
Concen: 16.289 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.00 min
Lab File: VX012778.D
Acq: 03 Oct 2019 13:07

Tgt Ion	41	39	76	Ratio	100	64.8	33.5	Resp	60194	Lower	51.3	22.6	Upper	76.9	33.8





#15

Acrylonitrile

Concen: 85.147 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX012778.D

Acq: 03 Oct 2019 13:07

Instrument :

MSVOA_X

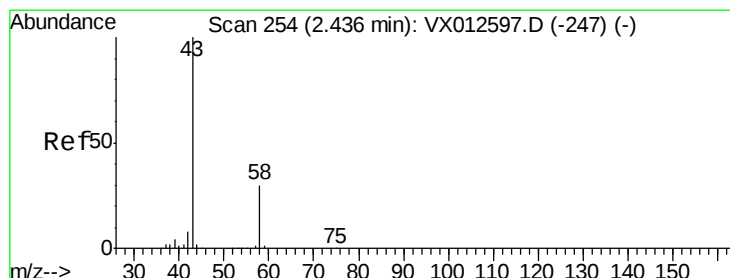
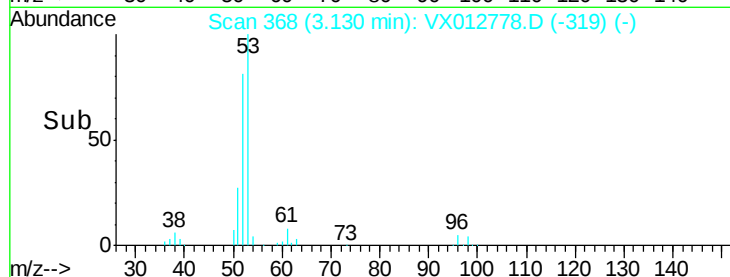
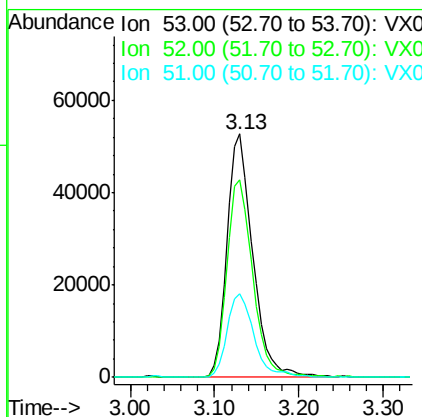
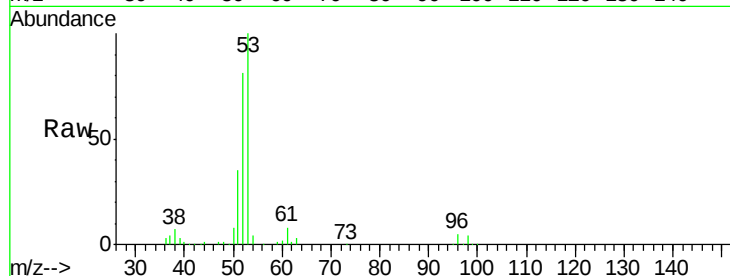
ClientSampleId :

VX1003WBS01

Tot Ion:	53	Resp:	108860
Ion Ratio		Lower	Upper
53	100		
52	82.0	67.0	100.4
51	36.1	29.6	44.4

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#16

Acetone

Concen: 78.729 ug/l

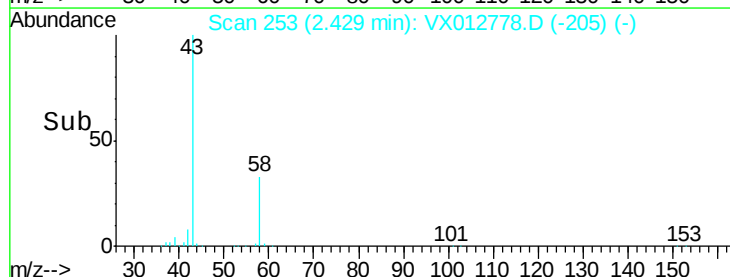
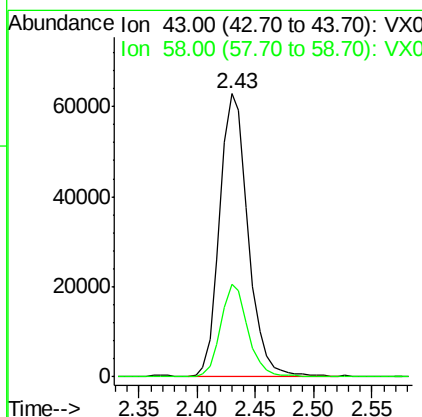
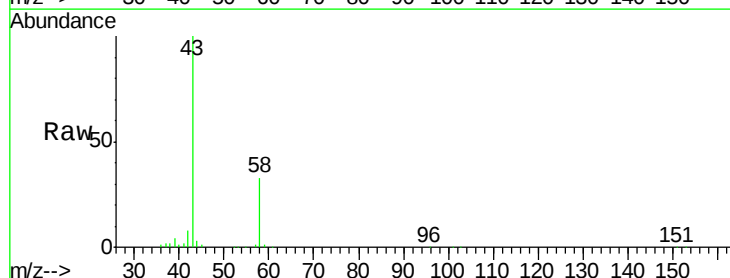
RT: 2.43 min Scan# 253

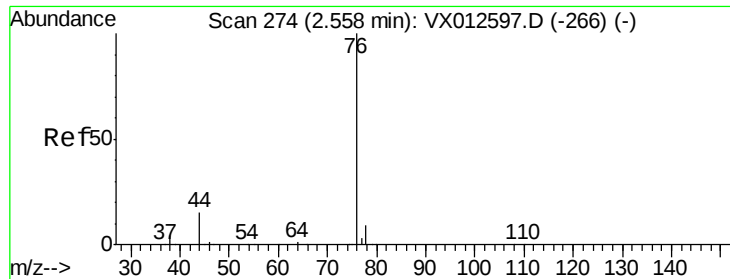
Delta R.T. -0.01 min

Lab File: VX012778.D

Acq: 03 Oct 2019 13:07

Tgt Ion:	43	Resp:	105199
Ion Ratio		Lower	Upper
43	100		
58	32.9	23.3	34.9





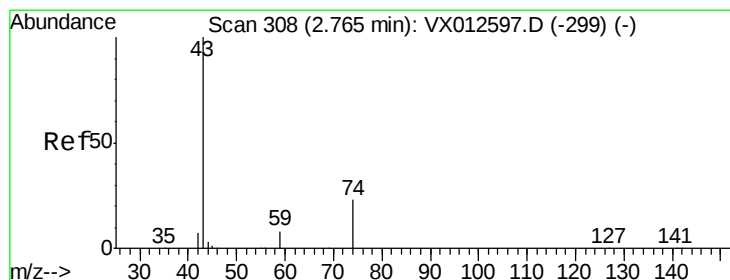
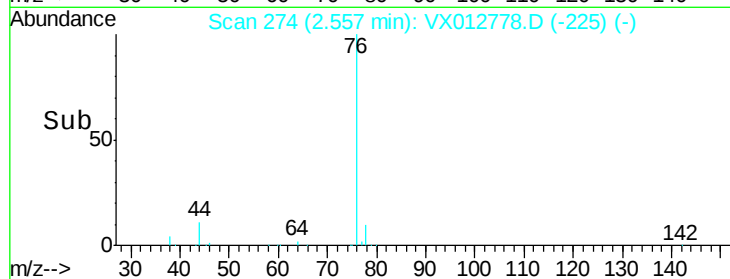
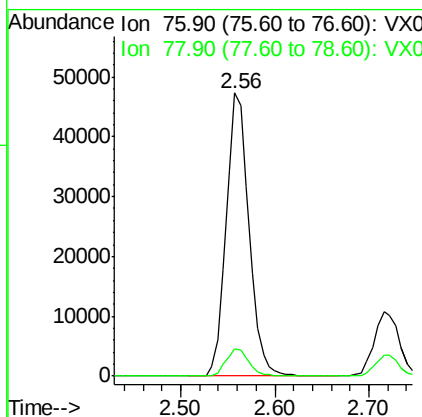
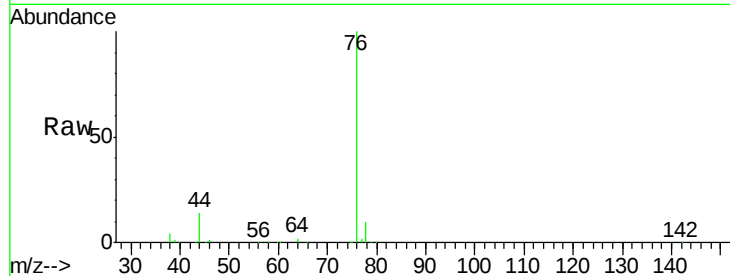
#17
Carbon Disulfide
Concen: 15.232 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX012778.D
Acq: 03 Oct 2019 13:07

Instrument :
MSVOA_X
ClientSampleId :
VX1003WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.7	7.3	10.9

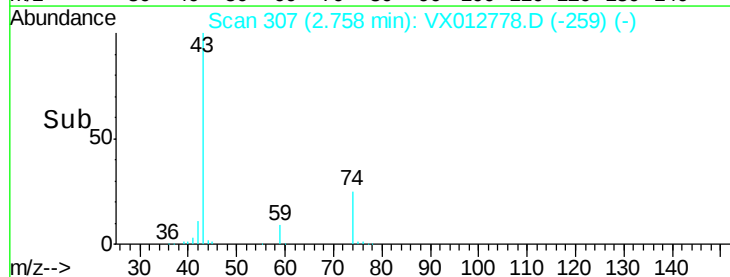
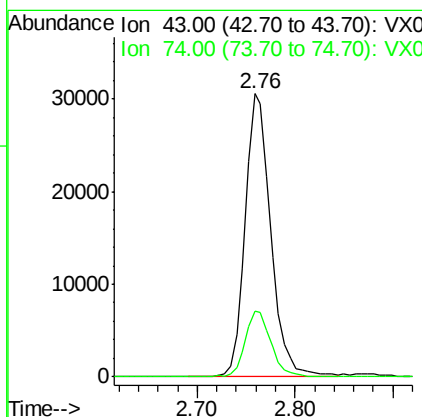
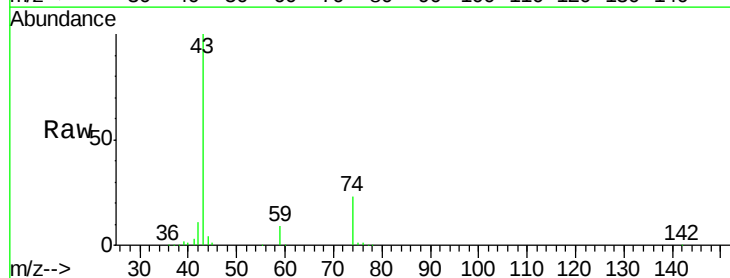
Manual Integrations
APPROVED

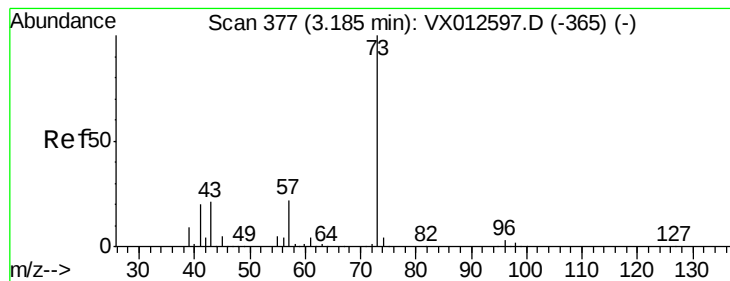
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#18
Methyl Acetate
Concen: 17.670 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX012778.D
Acq: 03 Oct 2019 13:07

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.7	17.7	26.5





#19

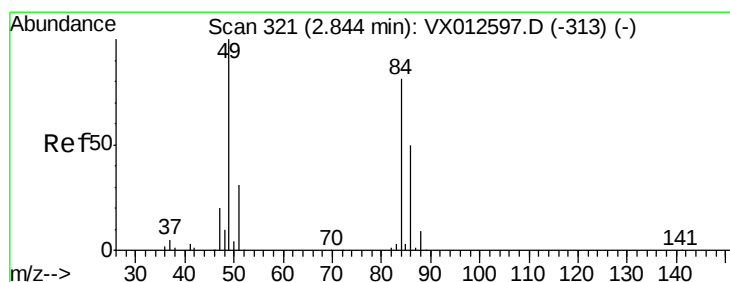
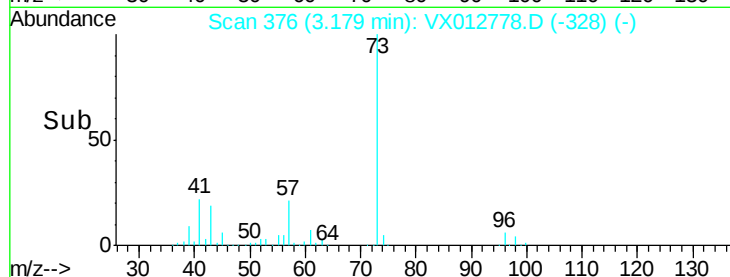
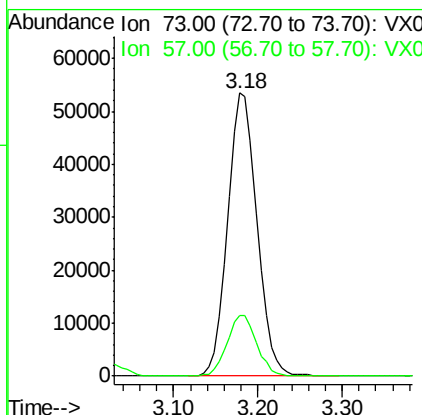
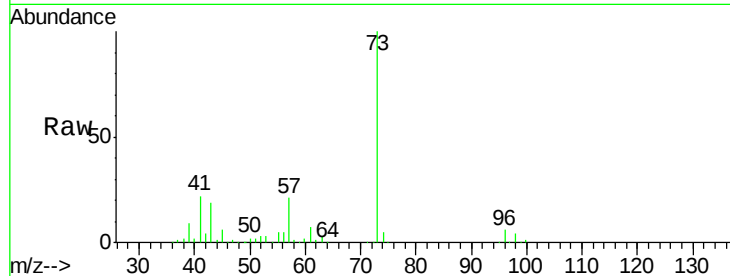
Methyl tert-butyl Ether
 Concen: 17.901 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX012778.D
 Acq: 03 Oct 2019 13:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.4	16.8	25.2

Manual Integrations
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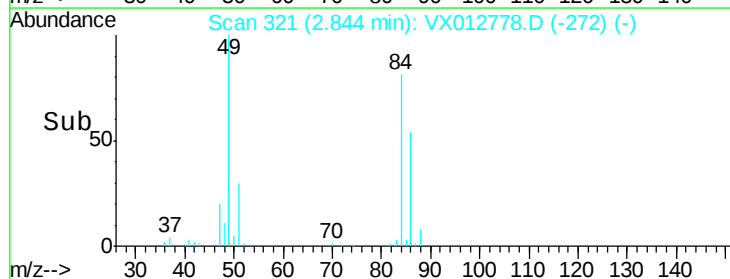
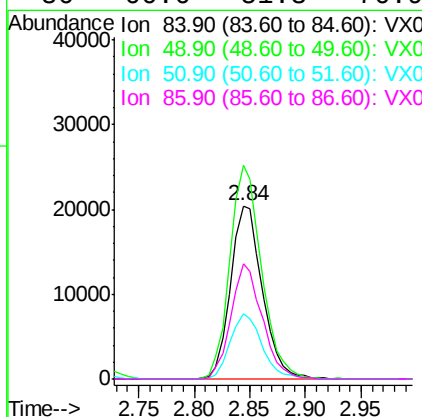
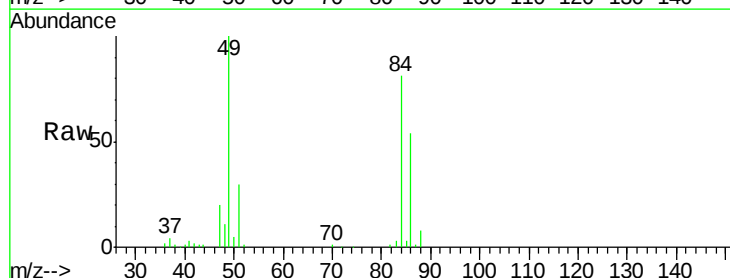
MMDadoda
 10/4/2019 9:18:18 AM

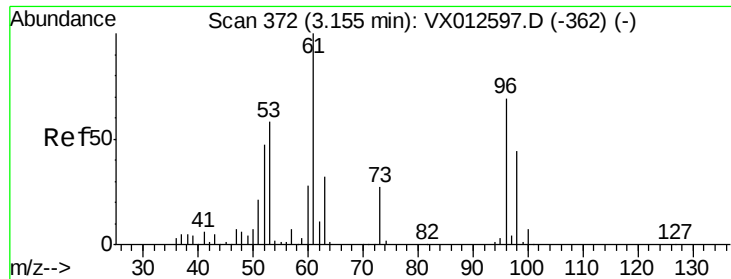


#20

Methylene Chloride
 Concen: 17.866 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. -0.00 min
 Lab File: VX012778.D
 Acq: 03 Oct 2019 13:07

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.3	106.8	160.2
51	37.6	32.3	48.5
86	66.6	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 17.494 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012778.D

Acq: 03 Oct 2019 13:07

Instrument :

MSVOA_X

ClientSampleId :

VX1003WBS01

Tot Ion: 96 Resp: 36099

Ion Ratio Lower Upper

96 100

61 147.6 112.0 168.0

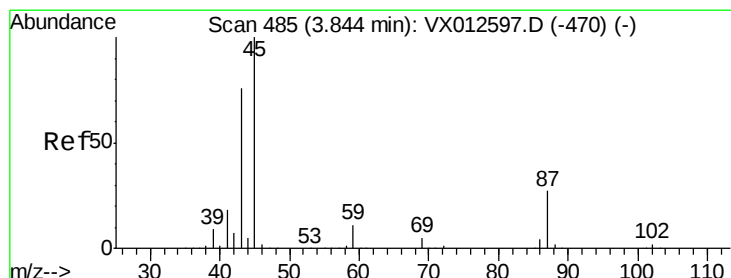
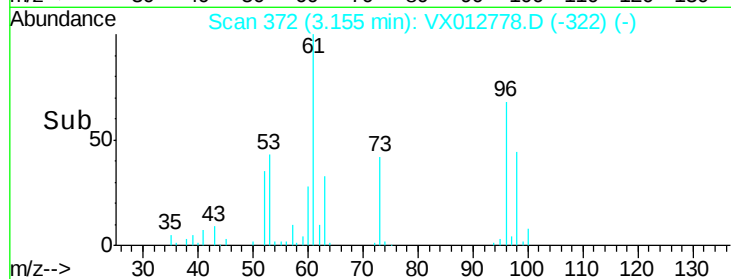
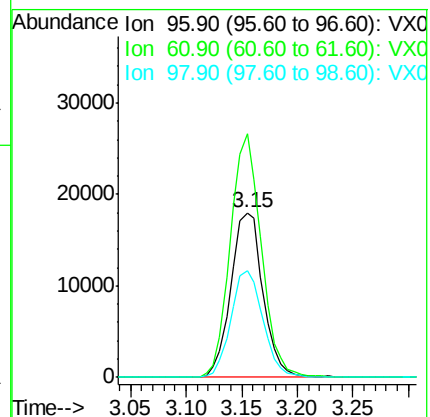
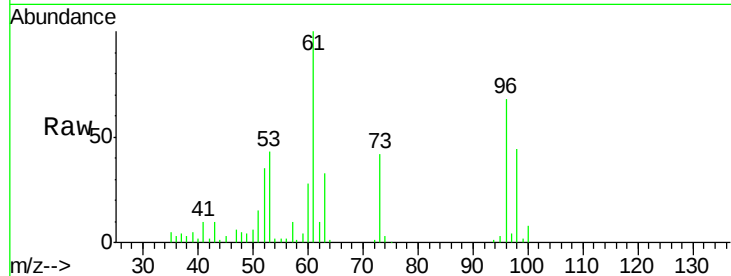
98 64.9 47.8 71.8

Manual Integrations

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#22

Diisopropyl ether

Concen: 17.790 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX012778.D

Acq: 03 Oct 2019 13:07

Tgt Ion: 45 Resp: 127031

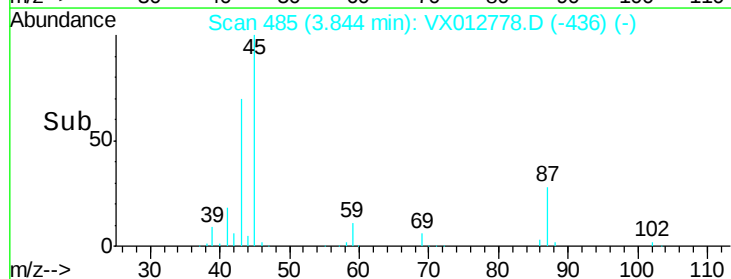
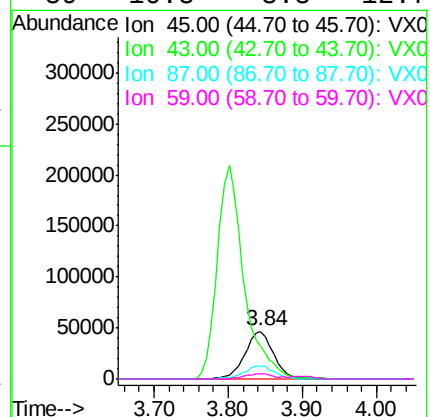
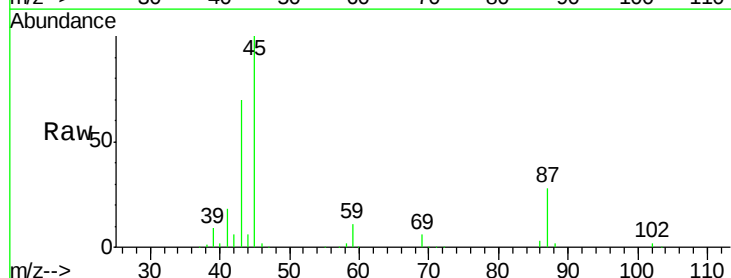
Ion Ratio Lower Upper

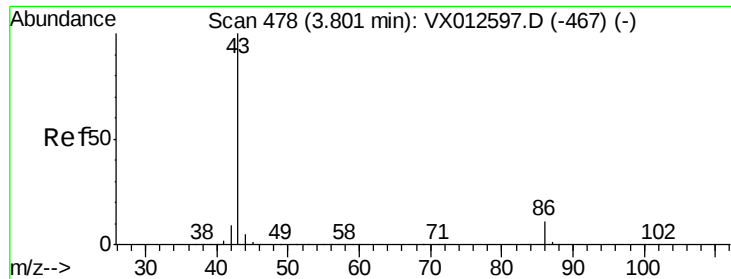
45 100

43 69.3 57.8 86.8

87 28.2 21.3 31.9

59 10.8 8.5 12.7





#23

Vinyl Acetate

Concen: 84.034 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX012778.D

Acq: 03 Oct 2019 13:07

Instrument :

MSVOA_X

ClientSampleId :

VX1003WBS01

Tot Ion: 43 Resp: 526214

Ion Ratio Lower Upper

43 100

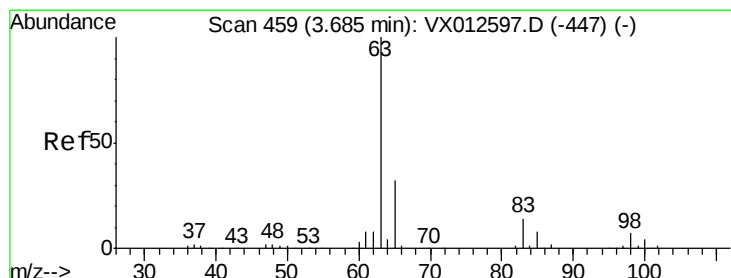
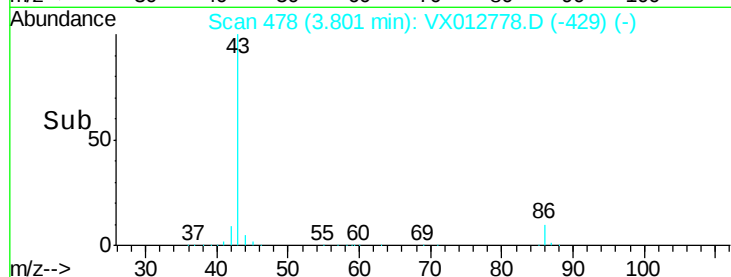
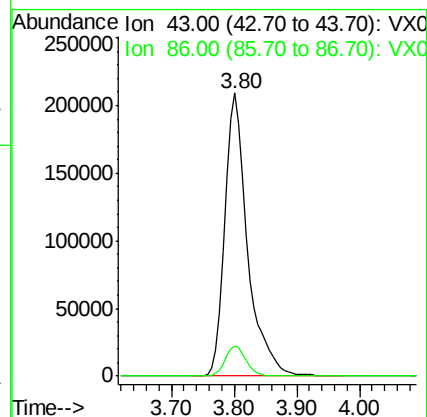
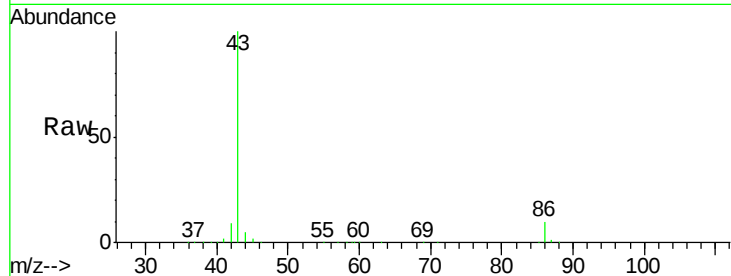
86 10.5 7.8 11.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 18.095 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX012778.D

Acq: 03 Oct 2019 13:07

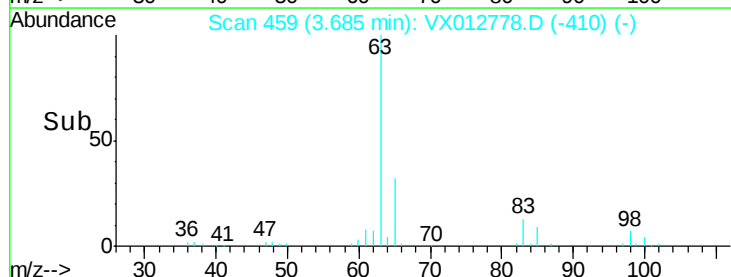
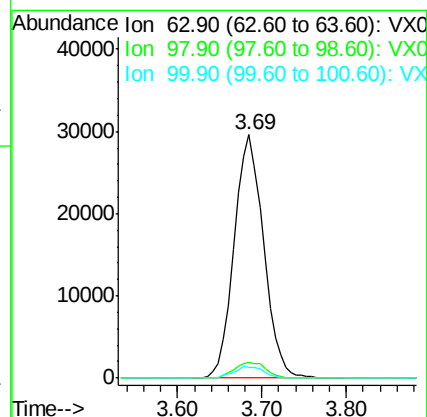
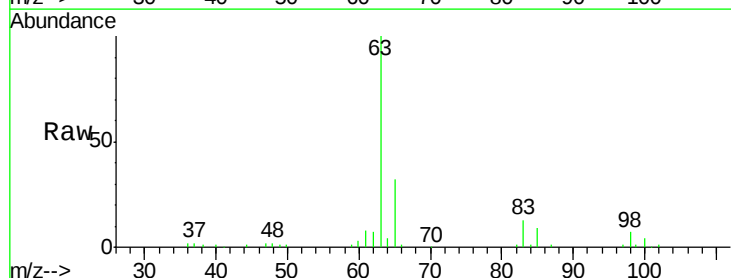
Tgt Ion: 63 Resp: 70233

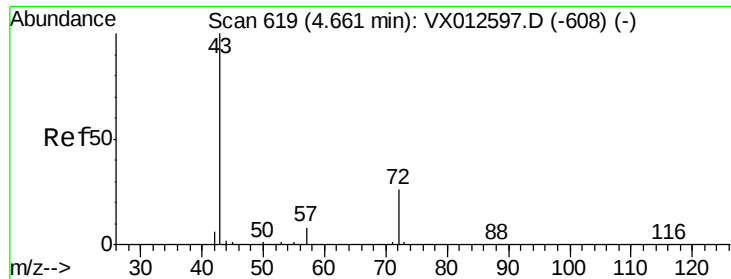
Ion Ratio Lower Upper

63 100

98 6.5 3.9 11.7

100 4.1 2.3 6.9





#25

2-Butanone

Concen: 80.385 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX012778.D

Acq: 03 Oct 2019 13:07

Instrument :

MSVOA_X

ClientSampleId :

VX1003WBS01

Tot Ion: 43 Resp: 154012

Ion Ratio Lower Upper

43 100

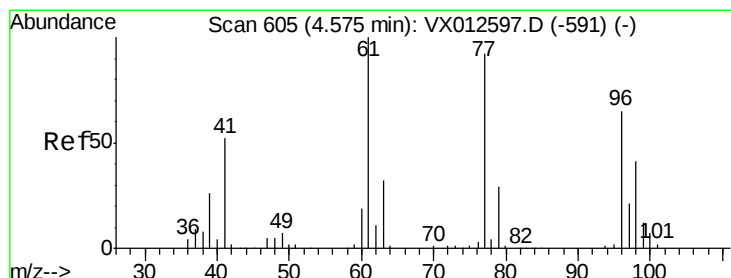
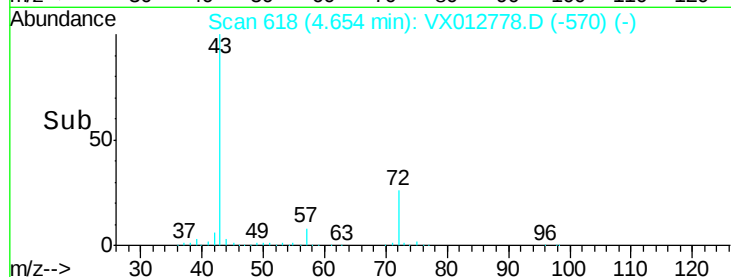
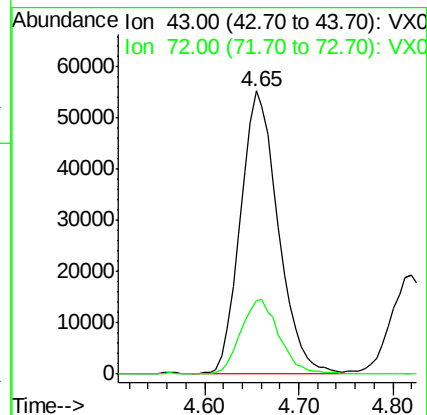
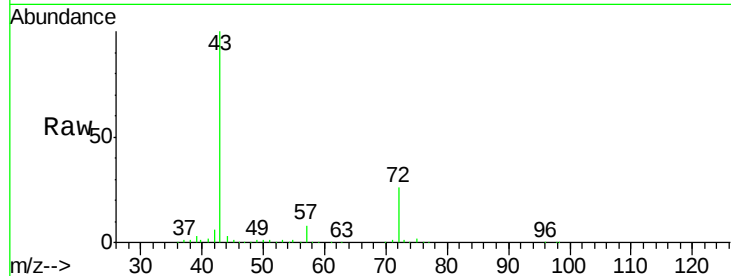
72 25.8 19.2 28.8

Manual Integrations

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MMDadoda

10/4/2019 9:18:18 AM



#26

2,2-Dichloropropane

Concen: 16.489 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX012778.D

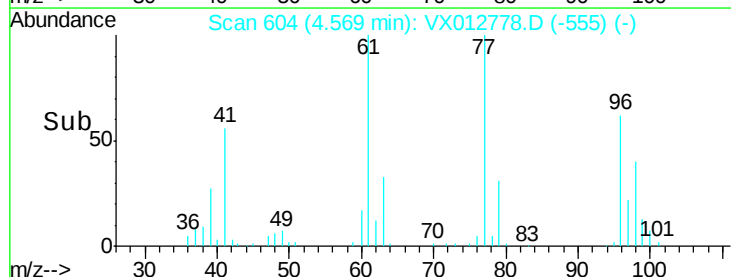
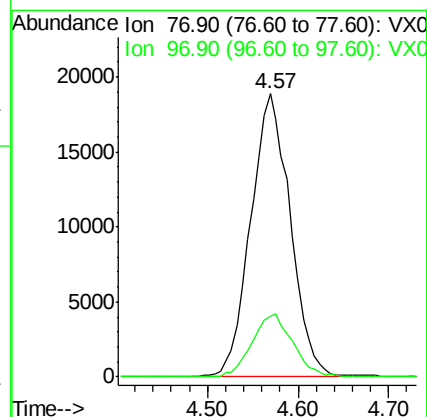
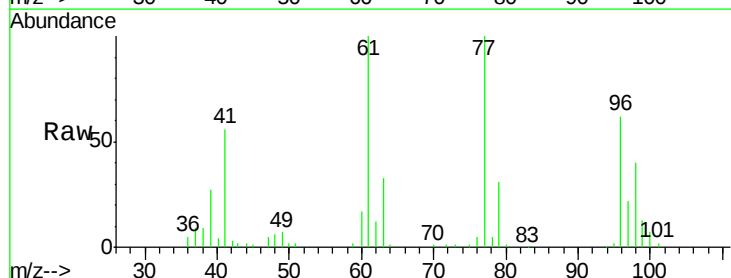
Acq: 03 Oct 2019 13:07

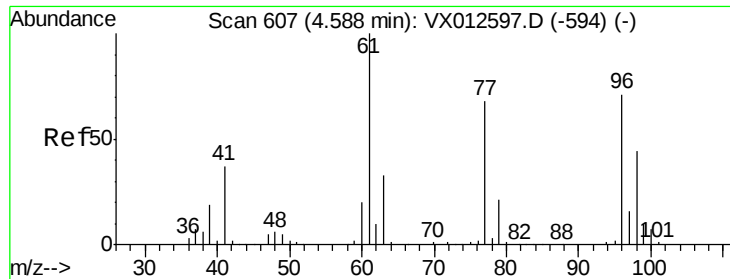
Tgt Ion: 77 Resp: 56922

Ion Ratio Lower Upper

77 100

97 23.0 10.5 31.6





#27

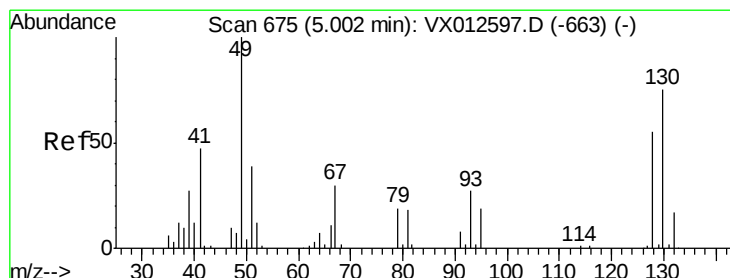
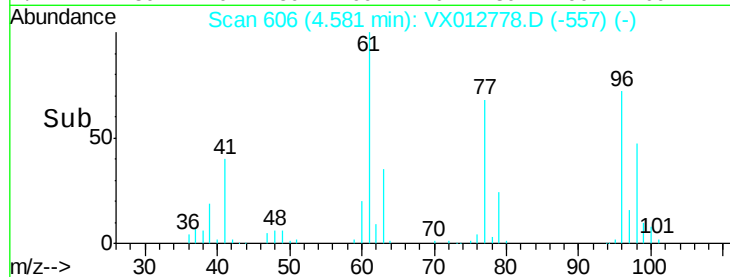
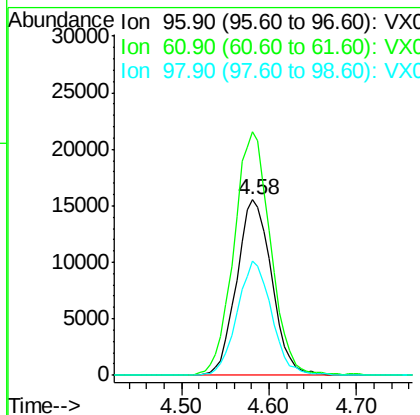
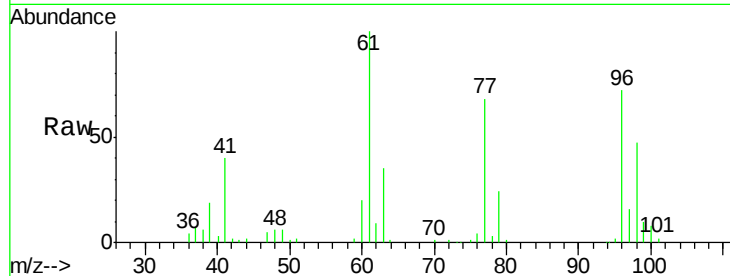
cis-1,2-Dichloroethene
Concen: 18.060 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX012778.D
Acq: 03 Oct 2019 13:07

Instrument :
MSVOA_X
ClientSampleId :
VX1003WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.0	0.0	319.4
98	64.0	0.0	130.6

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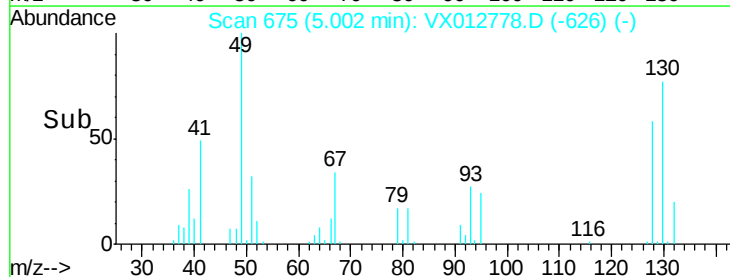
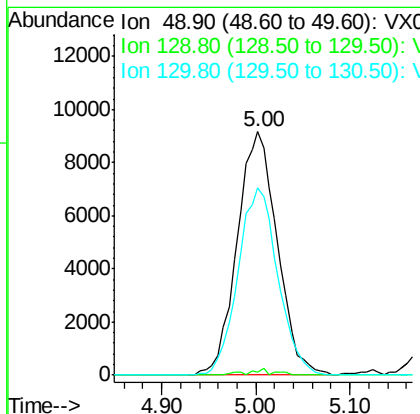
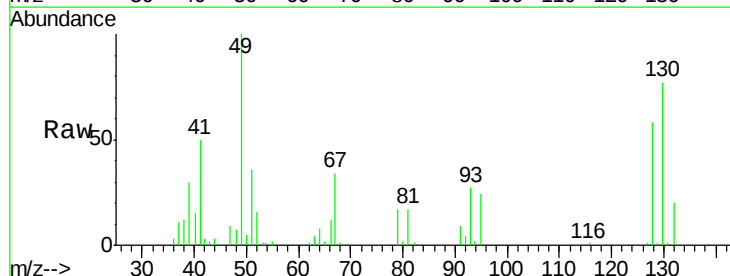
MMDadoda
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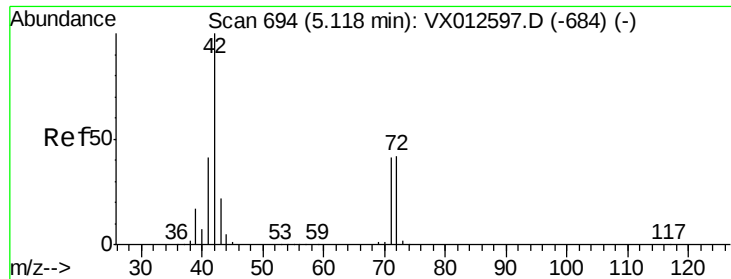


#28

Bromochloromethane
Concen: 19.337 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.00 min
Lab File: VX012778.D
Acq: 03 Oct 2019 13:07

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.7	0.0	3.8
130	76.7	58.2	87.4





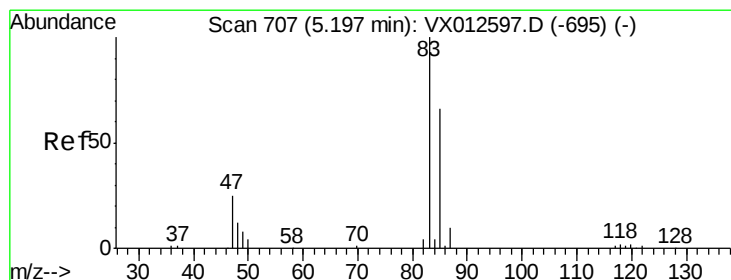
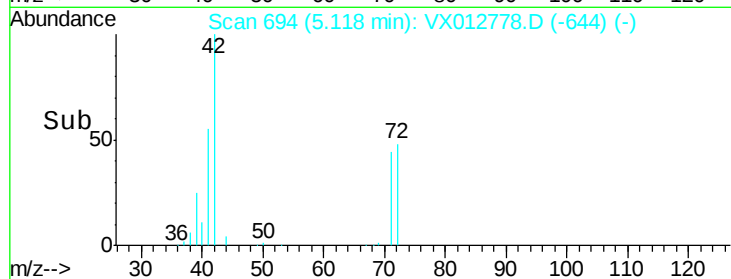
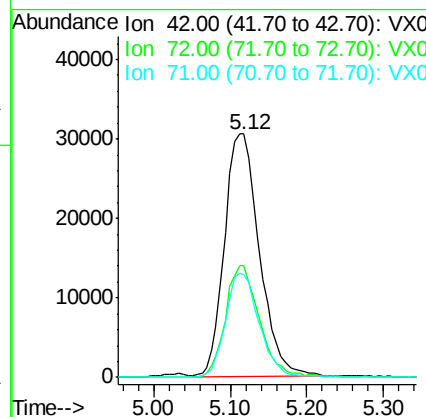
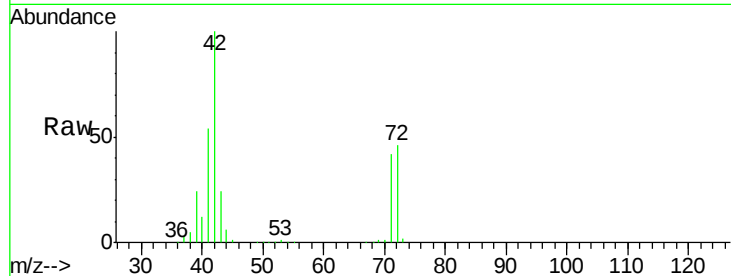
#29
Tetrahydrofuran
Concen: 82.607 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX012778.D
Acq: 03 Oct 2019 13:07

Instrument :
MSVOA_X
ClientSampleId :
VX1003WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.2	34.0	51.0
71	41.7	31.5	47.3

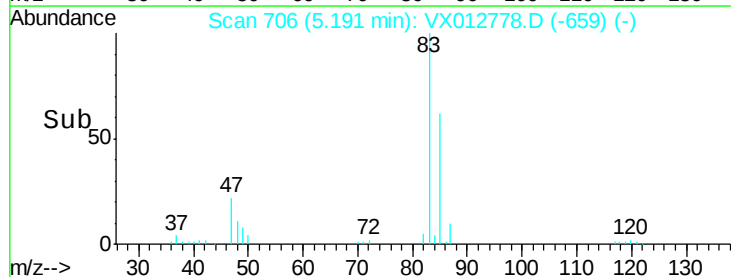
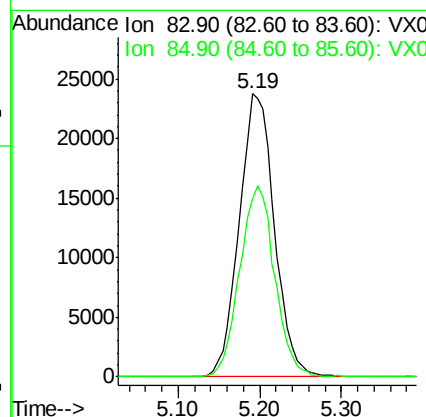
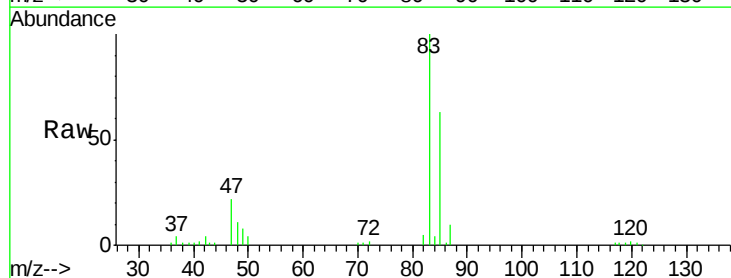
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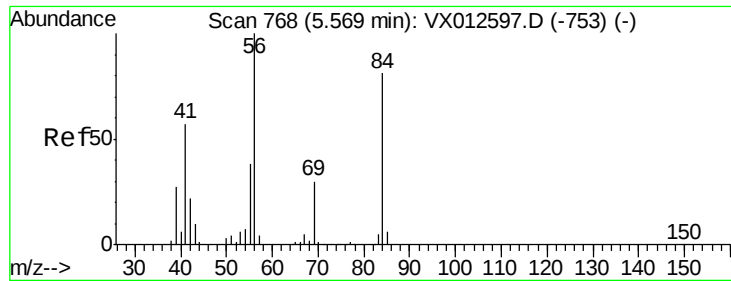
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#30
Chloroform
Concen: 17.895 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX012778.D
Acq: 03 Oct 2019 13:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.8	53.0	79.4





#31

Cyclohexane

Concen: 17.164 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX012778.D

Acq: 03 Oct 2019 13:07

Instrument :

MSVOA_X

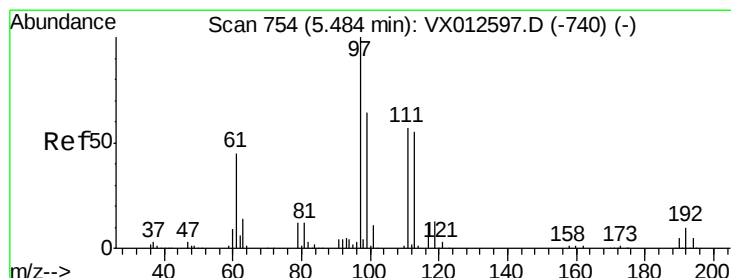
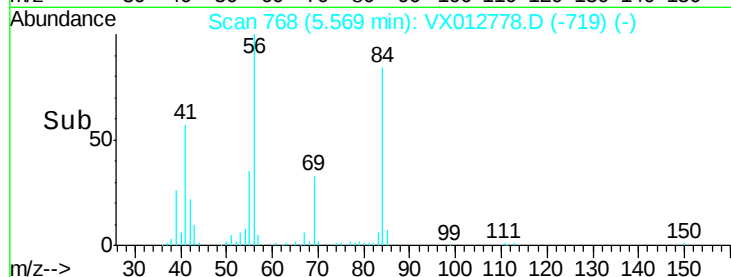
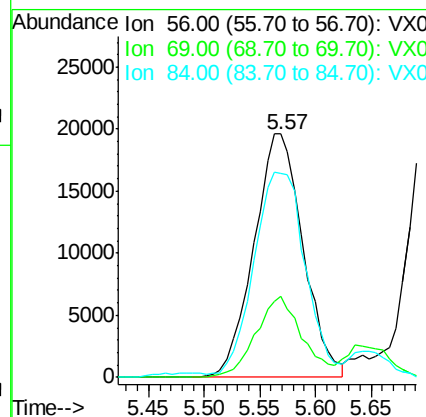
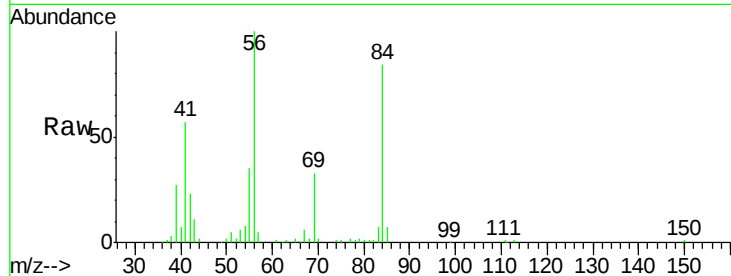
ClientSampleId :

VX1003WBS01

Tot Ion:	56	Resp:	60271
Ion Ratio	Lower	Upper	
56	100		
69	33.1	25.0	37.6
84	82.2	66.4	99.6

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#32

1,1,1-Trichloroethane

Concen: 17.515 ug/l

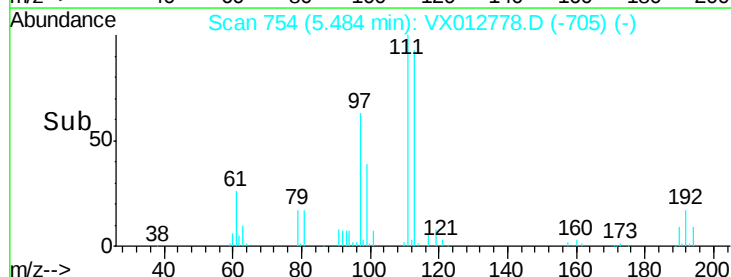
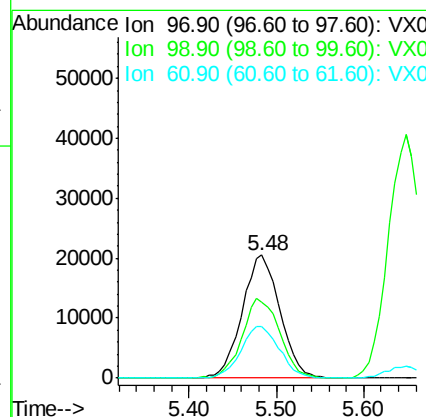
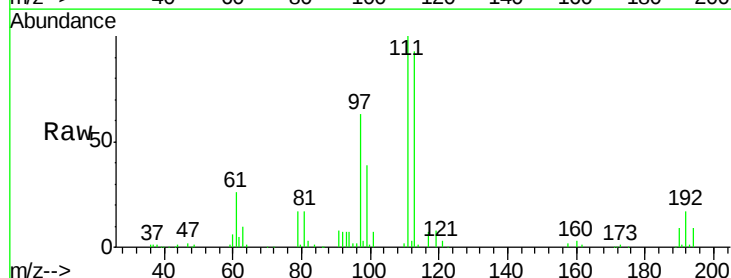
RT: 5.48 min Scan# 754

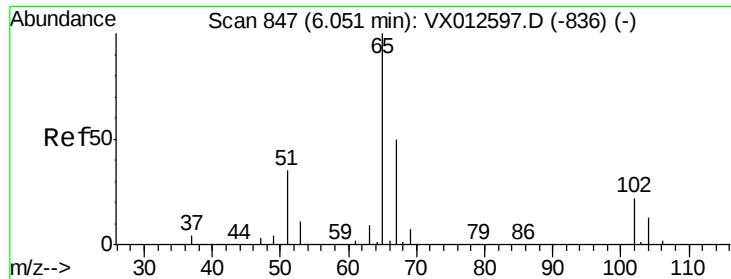
Delta R.T. -0.00 min

Lab File: VX012778.D

Acq: 03 Oct 2019 13:07

Tgt Ion:	97	Resp:	61641
Ion Ratio	Lower	Upper	
97	100		
99	64.5	51.3	76.9
61	42.7	36.1	54.1





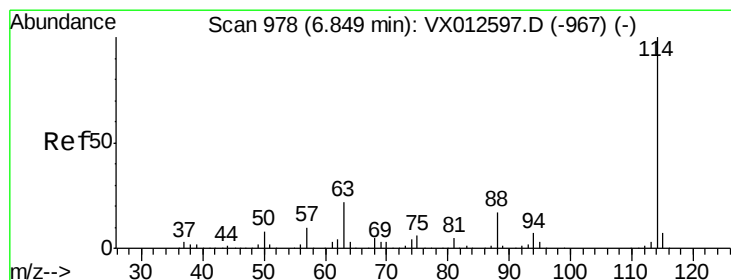
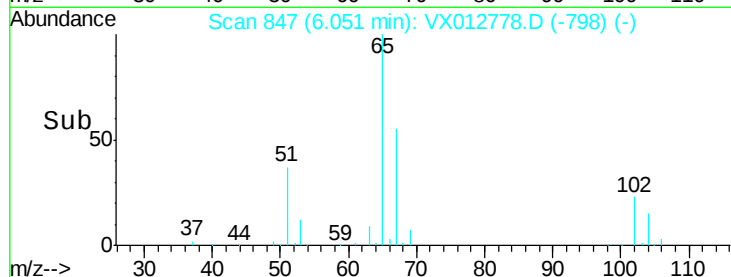
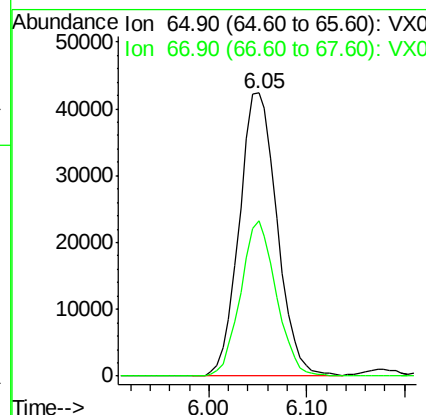
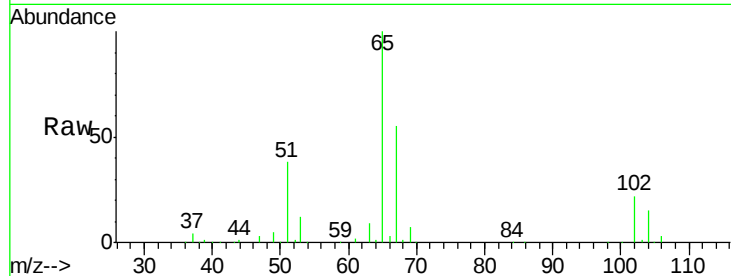
#33
 1,2-Dichloroethane-d4
 Concen: 45.034 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012778.D
 Acq: 03 Oct 2019 13:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	113606		
67	51.6	0.0	101.2	

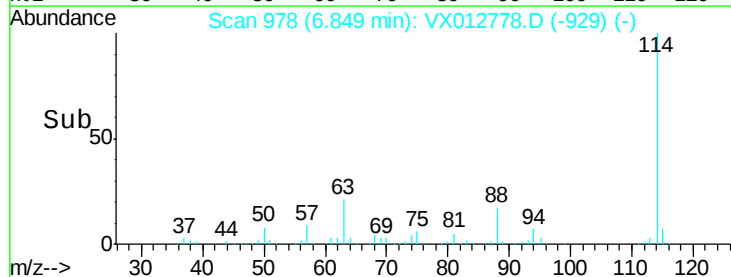
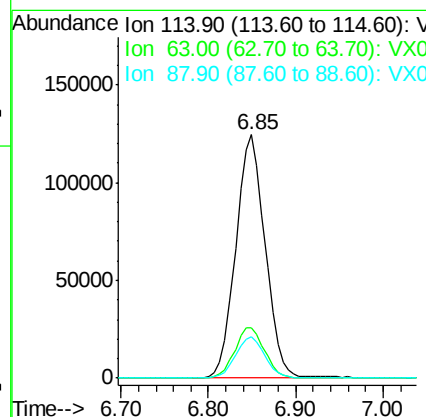
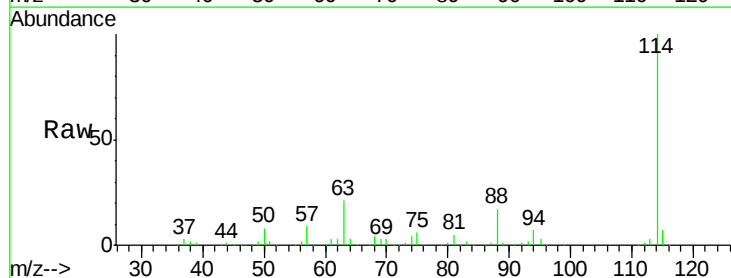
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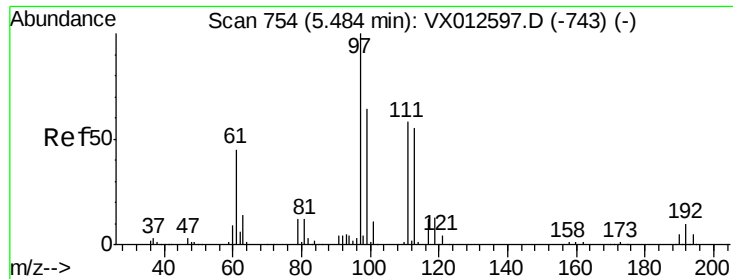
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012778.D
 Acq: 03 Oct 2019 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	291060		
63	20.7	0.0	43.2	
88	17.2	0.0	33.2	





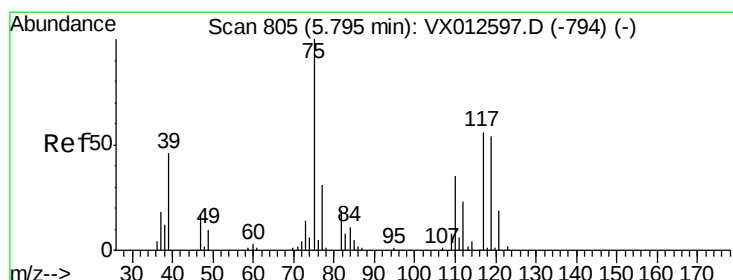
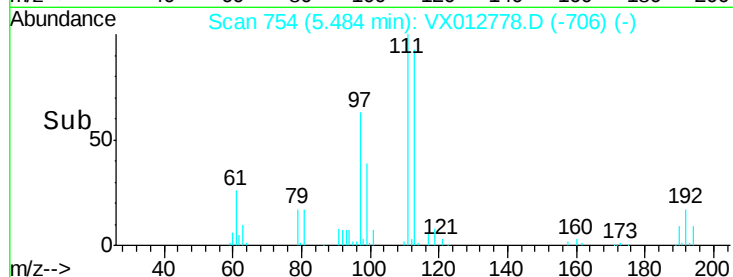
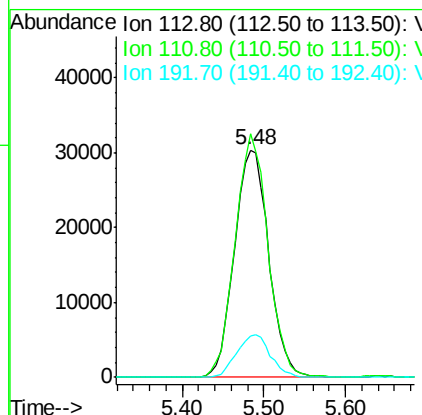
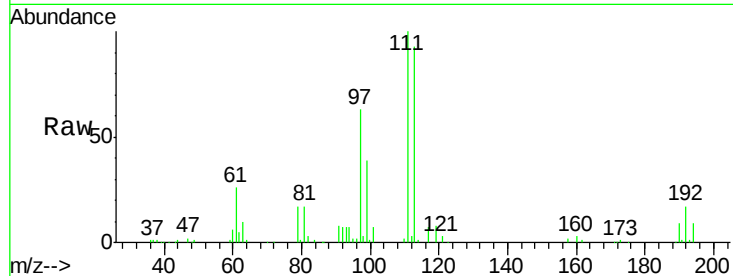
#35
Dibromofluoromethane
Concen: 51.160 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX012778.D
Acq: 03 Oct 2019 13:07

Instrument :
MSVOA_X
ClientSampleId :
VX1003WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	88680		
111	102.2	83.4	125.2	
192	18.2	14.4	21.6	

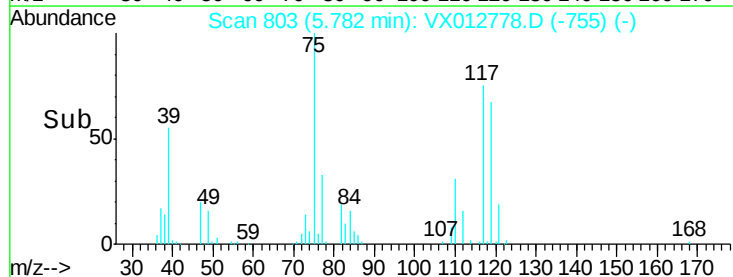
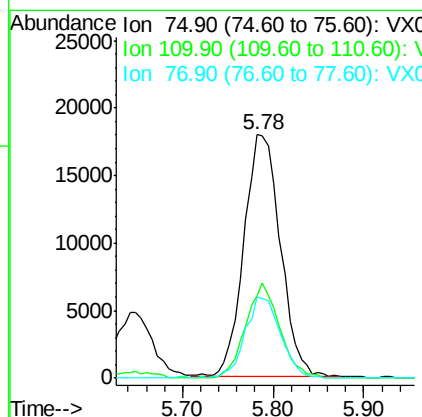
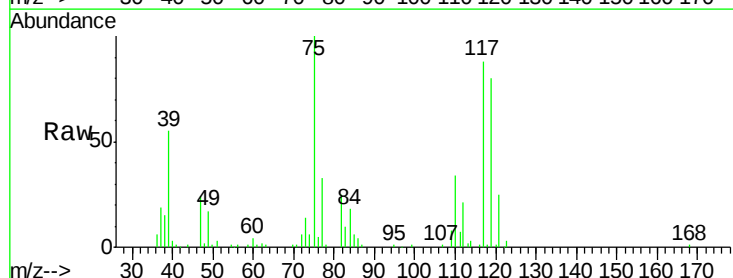
Manual Integrations
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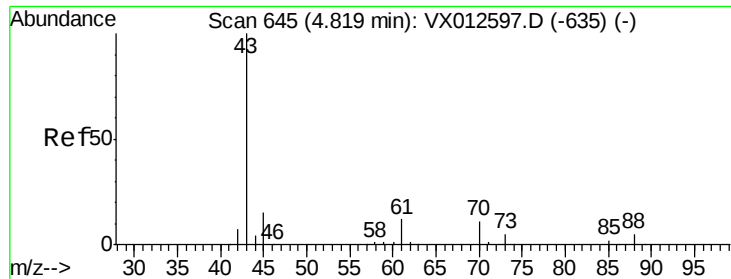
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#36
1,1-Dichloropropene
Concen: 17.848 ug/l
RT: 5.78 min Scan# 803
Delta R.T. -0.01 min
Lab File: VX012778.D
Acq: 03 Oct 2019 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	50073		
110	36.4	16.7	50.0	
77	32.7	24.2	36.2	





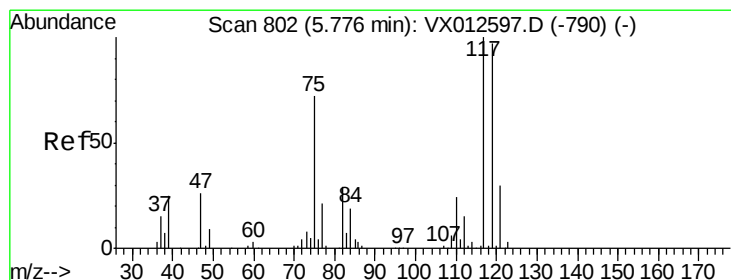
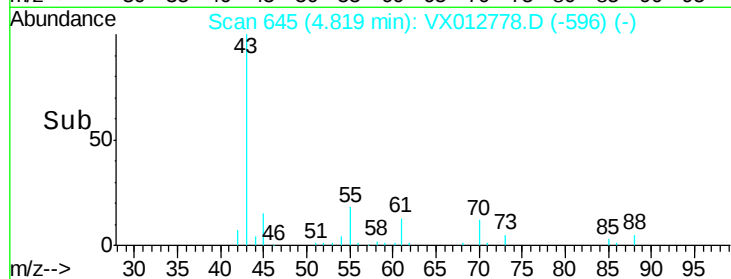
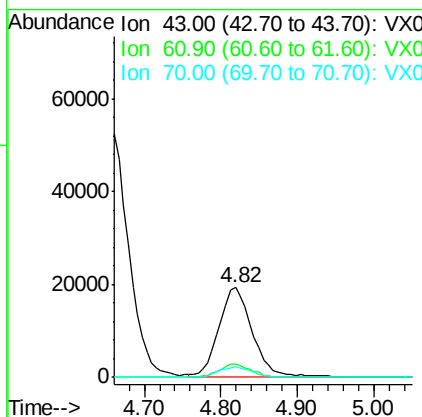
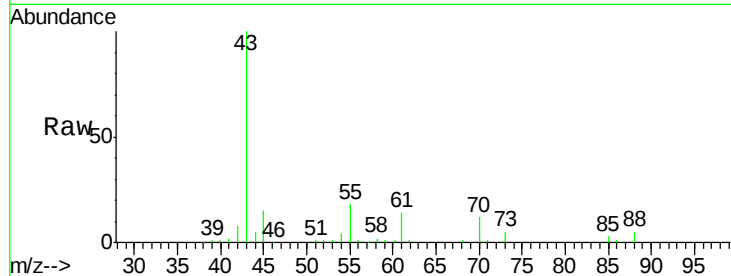
#37
Ethyl Acetate
Concen: 17.482 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX012778.D
Acq: 03 Oct 2019 13:07

Instrument :
MSVOA_X
ClientSampleId :
VX1003WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	10.2	15.4
70	11.5	8.7	13.1

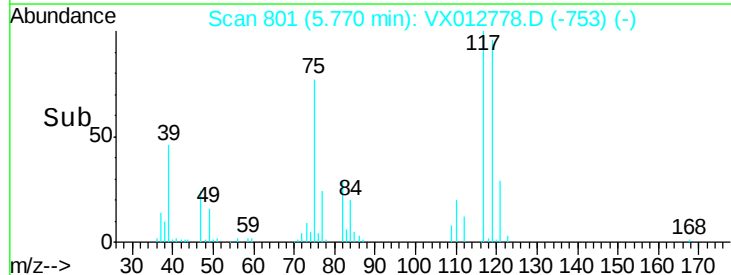
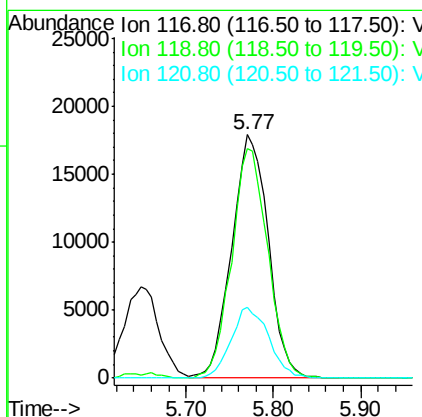
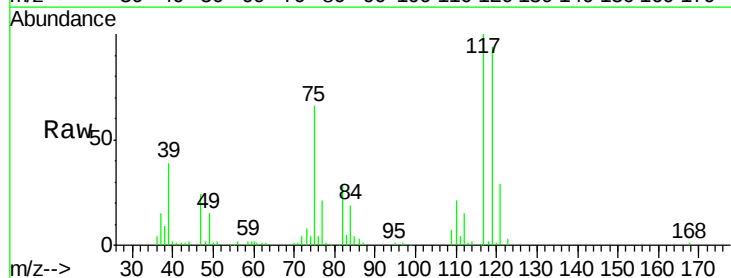
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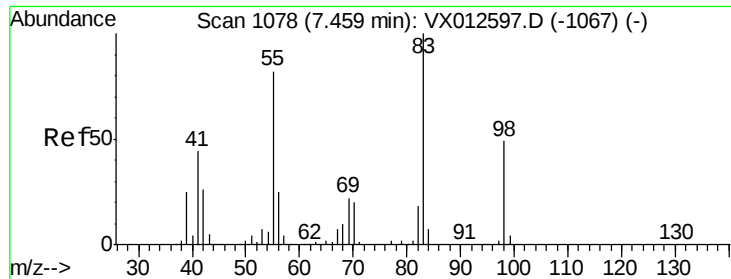
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#38
Carbon Tetrachloride
Concen: 18.206 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX012778.D
Acq: 03 Oct 2019 13:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.2	75.7	113.5
121	28.9	24.2	36.4





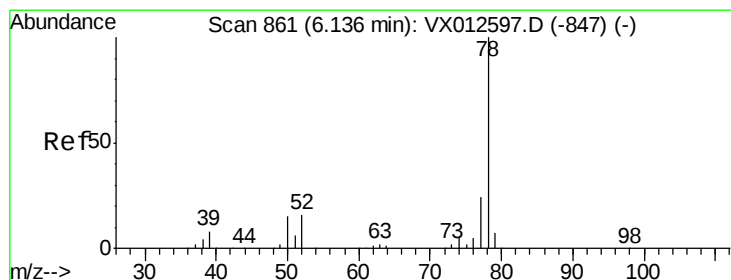
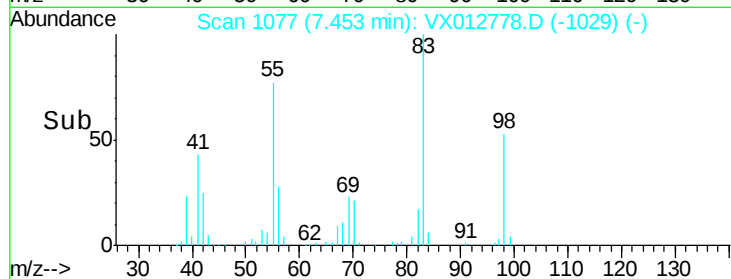
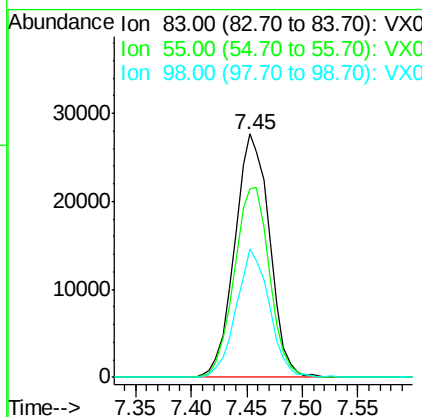
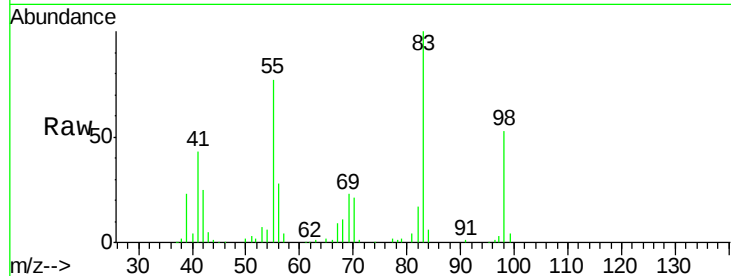
#39
Methvlcvclohexane
Concen: 17.779 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX012778.D
Acq: 03 Oct 2019 13:07

Instrument :
MSVOA_X
ClientSampleId :
VX1003WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.3	64.4	96.6
98	52.5	40.1	60.1

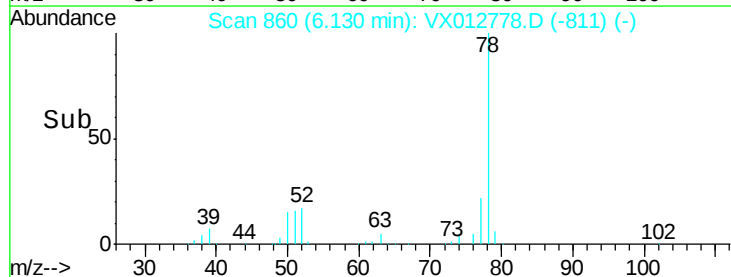
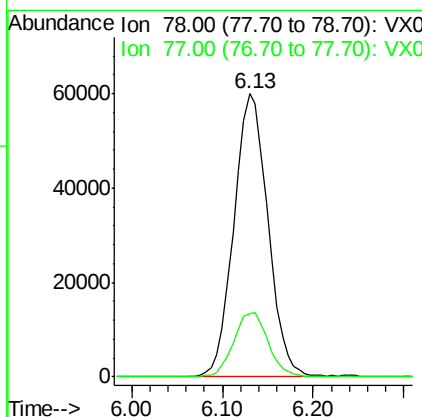
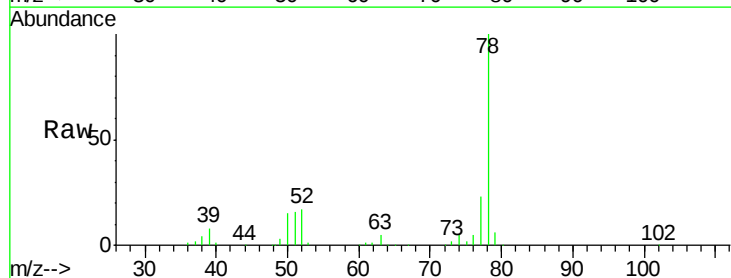
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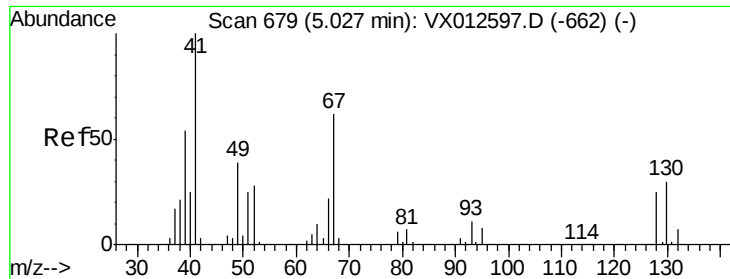
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#40
Benzene
Concen: 19.001 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX012778.D
Acq: 03 Oct 2019 13:07

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.5	19.2	28.8





#41

Methacrylonitrile

Concen: 17.601 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.00 min

Lab File: VX012778.D

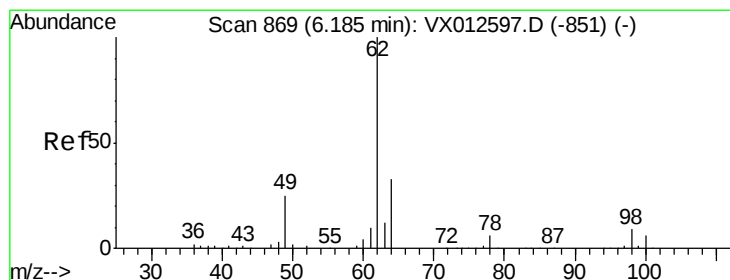
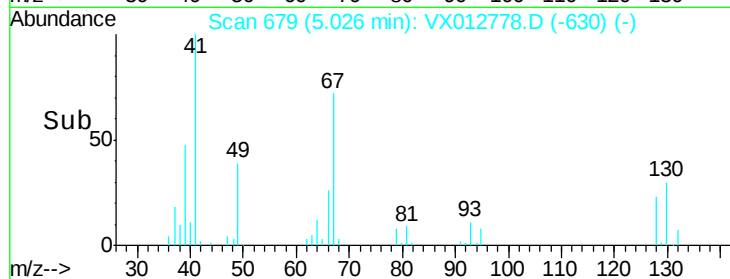
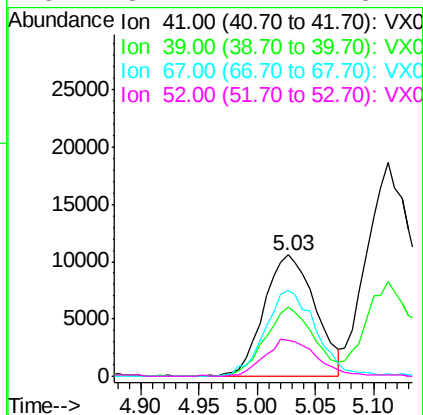
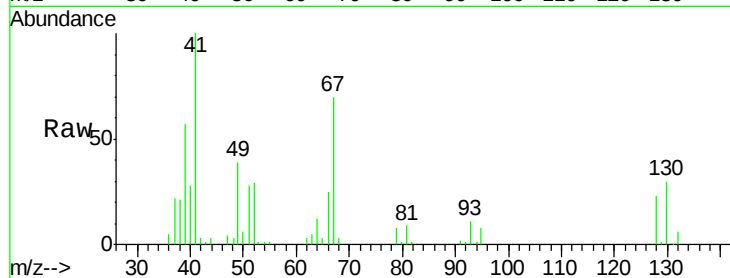
Acq: 03 Oct 2019 13:07

Tot Ion:	41	Resp:	32390
Ion	Ratio	Lower	Upper
41	100		
39	54.4	46.0	69.0
67	71.1	52.2	78.2
52	31.2	22.7	34.1

Instrument :
MSVOA_X
ClientSampleId :
VX1003WBS01

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 18.629 ug/l

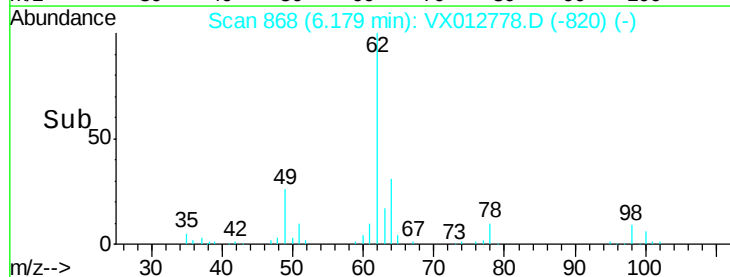
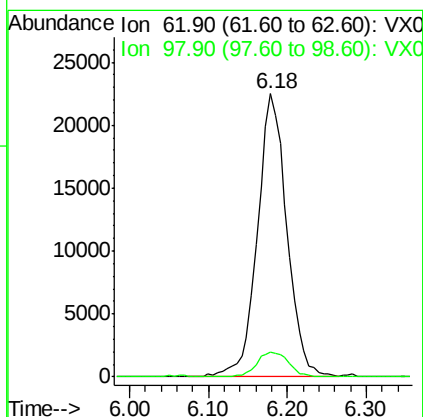
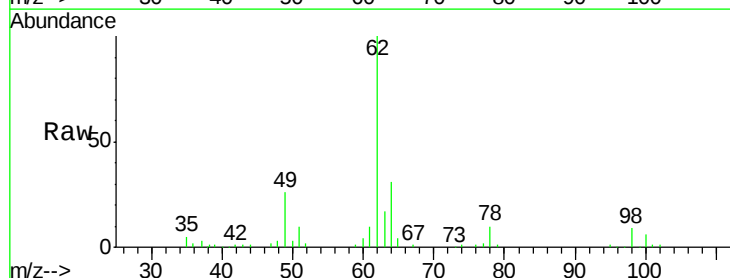
RT: 6.18 min Scan# 868

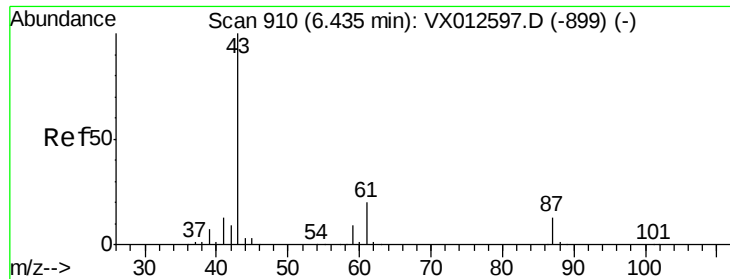
Delta R.T. -0.01 min

Lab File: VX012778.D

Acq: 03 Oct 2019 13:07

Tgt Ion:	62	Resp:	58393
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	17.8





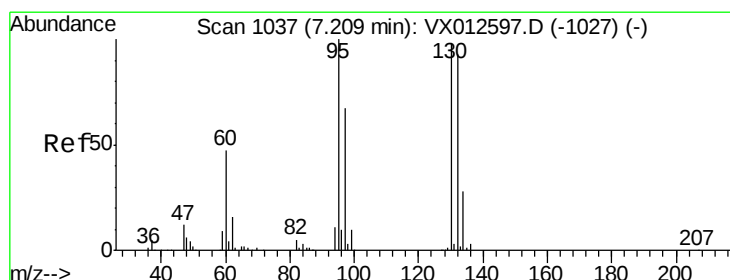
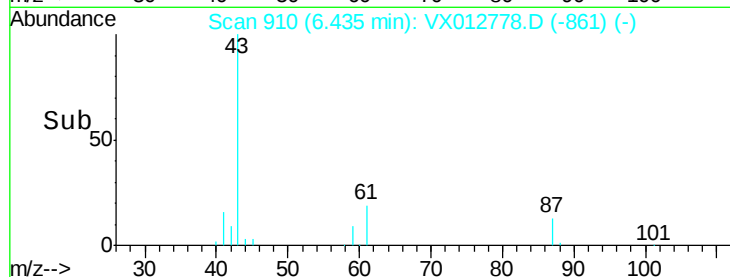
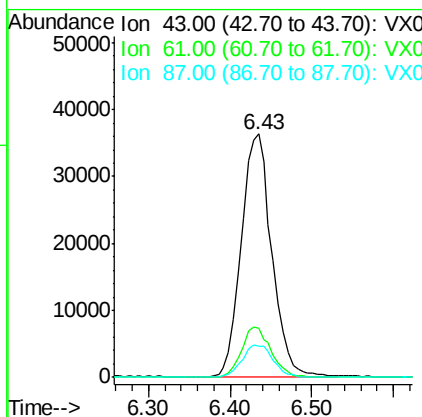
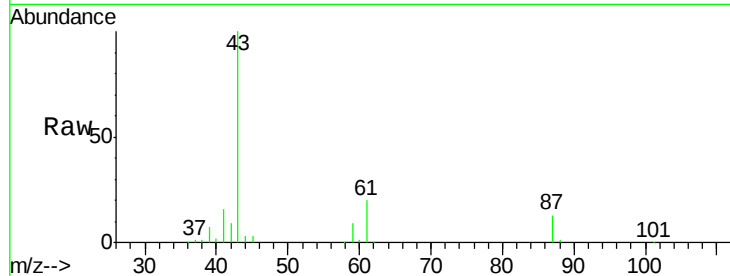
#43
Isopropyl Acetate
Concen: 17.122 ug/l
RT: 6.43 min Scan# 910
Delta R.T. -0.00 min
Lab File: VX012778.D
Acq: 03 Oct 2019 13:07

Instrument :
MSVOA_X
ClientSampleId :
VX1003WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.1	15.4	23.0
87	13.7	9.8	14.8

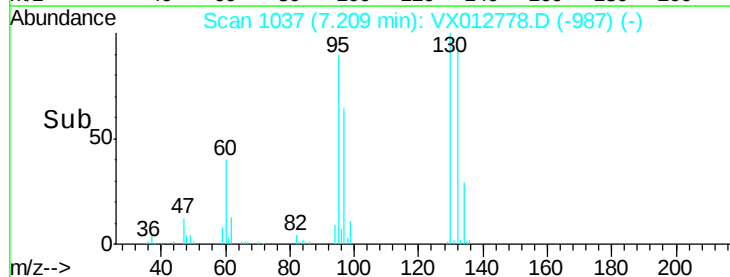
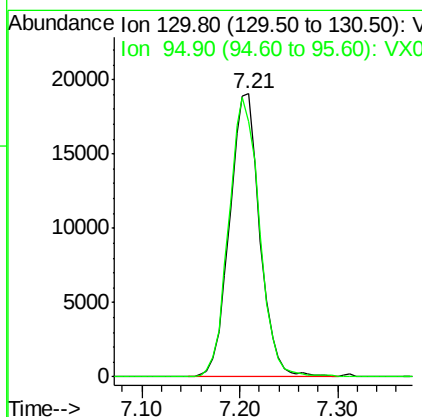
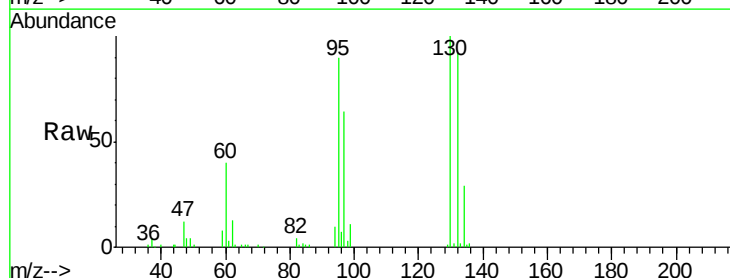
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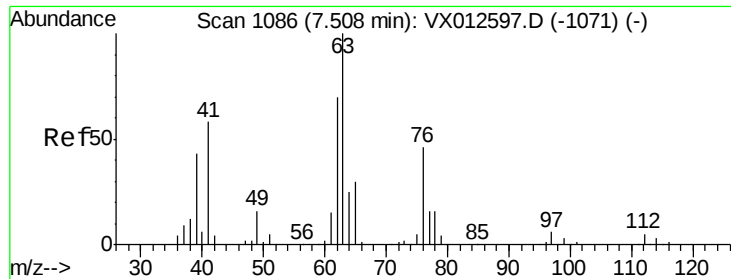
MMDadoda
10/4/2019 9:18:18 AM



#44
Trichloroethene
Concen: 19.352 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX012778.D
Acq: 03 Oct 2019 13:07

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.1	0.0	193.0





#45

1,2-Dichloropropane

Concen: 19.308 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX012778.D

Acq: 03 Oct 2019 13:07

Instrument :

MSVOA_X

ClientSampleId :

VX1003WBS01

Tot Ion: 63 Resp: 40804

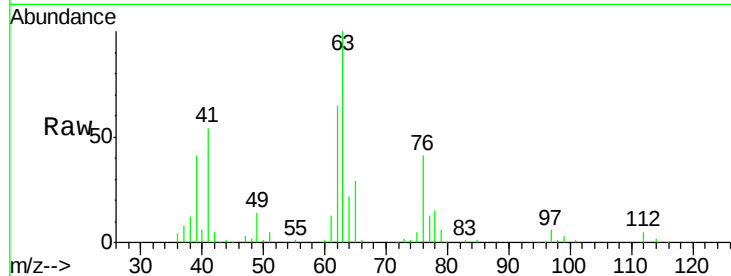
Ion Ratio Lower Upper

63 100

65 29.2 25.0 37.6

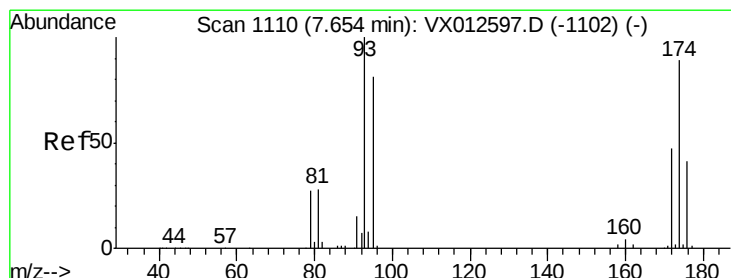
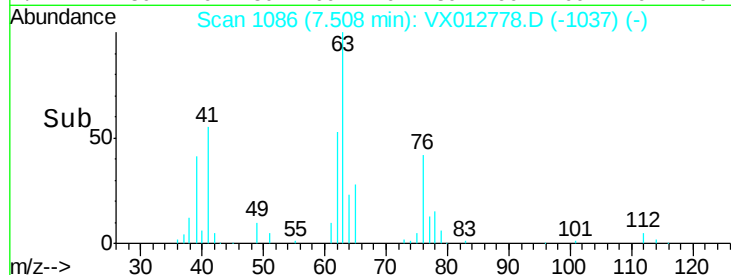
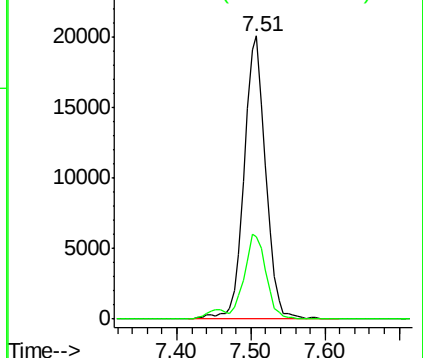
Manual Integrations
APPROVED

MMDadoda
10/4/2019 9:18:18 AM



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 18.390 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX012778.D

Acq: 03 Oct 2019 13:07

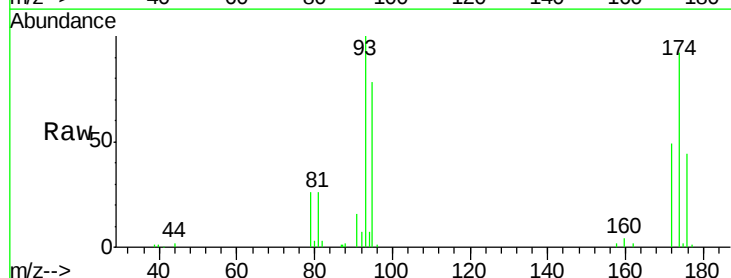
Tgt Ion: 93 Resp: 26462

Ion Ratio Lower Upper

93 100

95 84.6 66.6 100.0

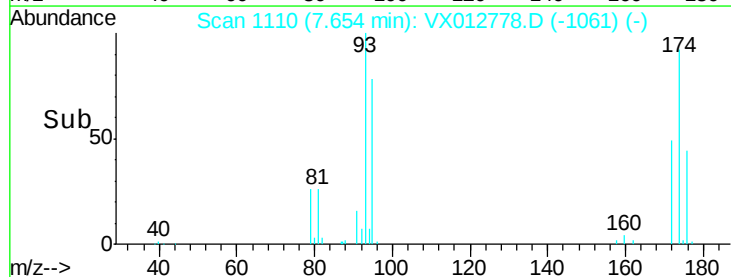
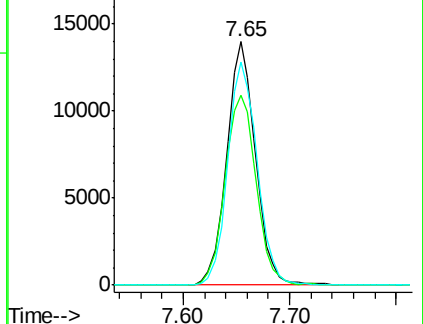
174 93.7 77.4 116.0

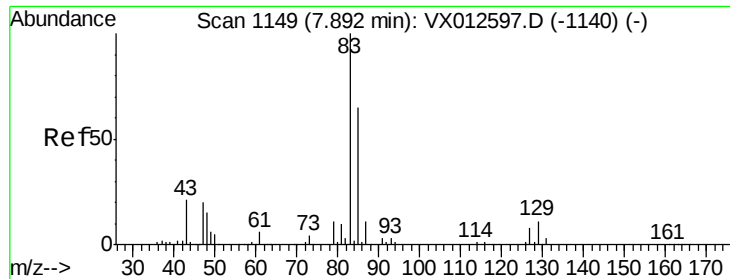


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





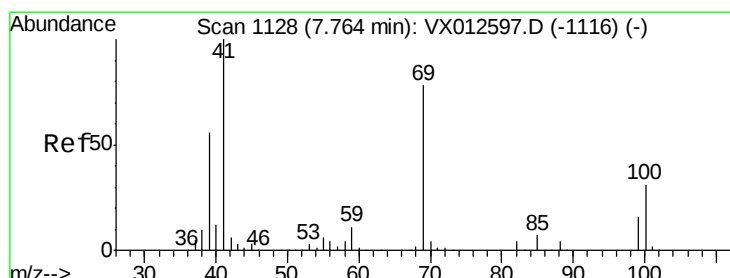
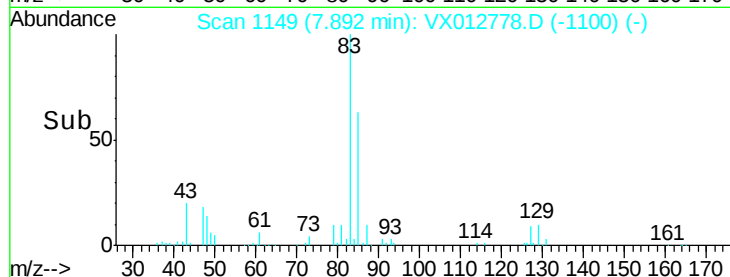
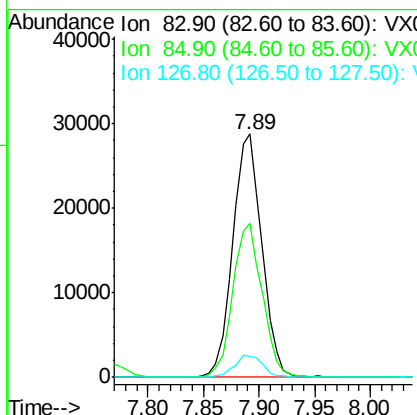
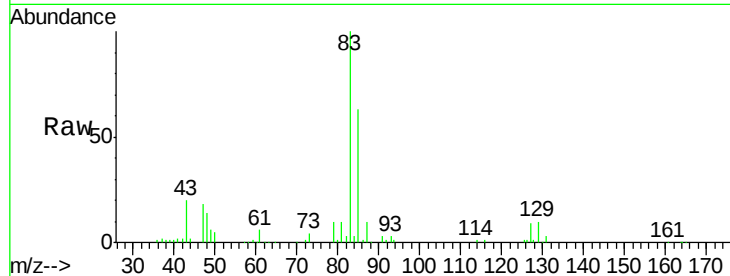
#47
Bromodichloromethane
Concen: 18.113 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. -0.00 min
Lab File: VX012778.D
Acq: 03 Oct 2019 13:07

Instrument :
MSVOA_X
ClientSampleId :
VX1003WBS01

Tot Ion	83	Resp	52090
Ion Ratio	100	Lower	Upper
83	100		
85	63.3	51.8	77.6
127	8.6	7.3	10.9

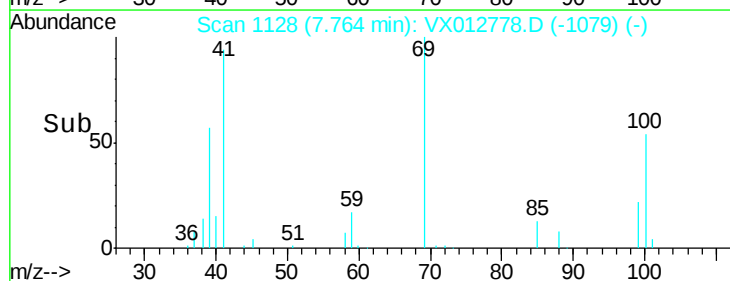
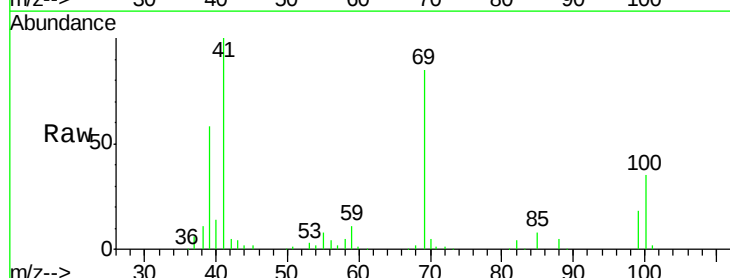
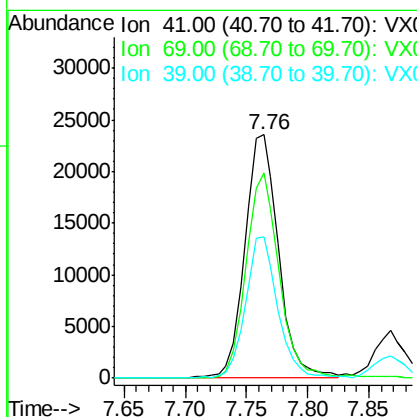
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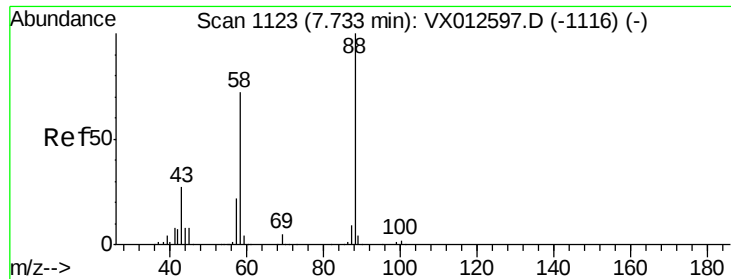
MMDadoda
10/4/2019 9:18:18 AM



#48
Methyl methacrylate
Concen: 17.028 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX012778.D
Acq: 03 Oct 2019 13:07

Tgt Ion	41	Resp	44784
Ion Ratio	100	Lower	Upper
41	100		
69	82.9	59.9	89.9
39	56.3	47.8	71.6





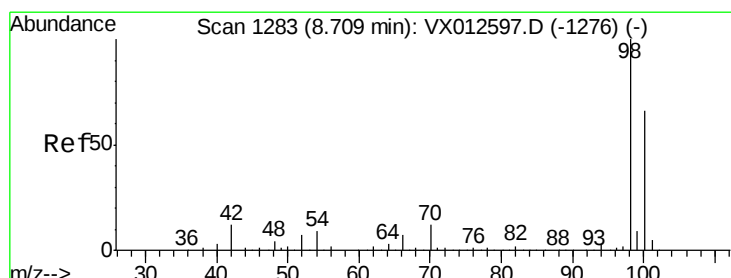
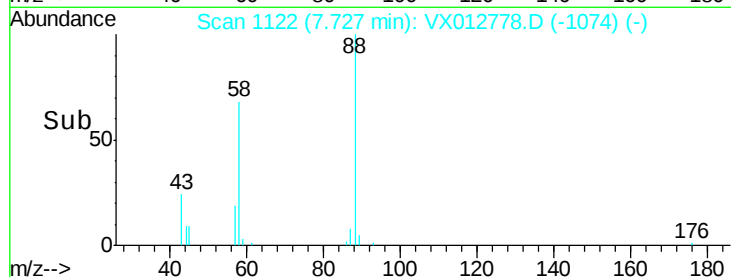
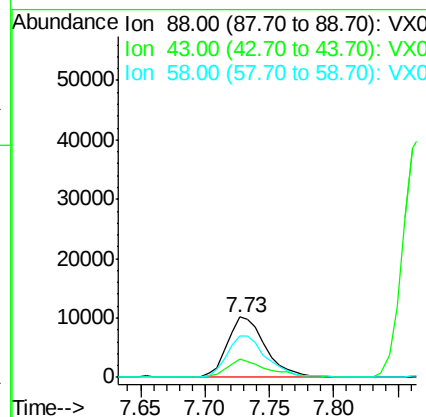
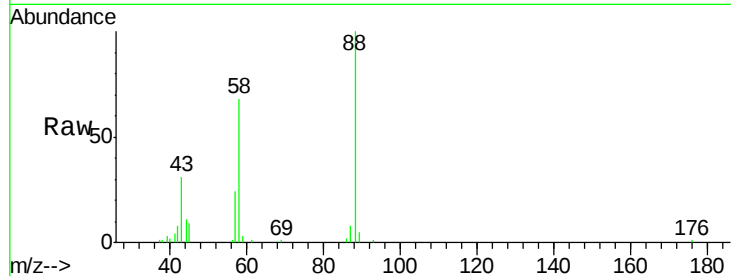
#49
1,4-Dioxane
Concen: 351.575 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX012778.D
Acq: 03 Oct 2019 13:07

Instrument :
MSVOA_X
ClientSampleId :
VX1003WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.4	29.4	44.0
58	71.0	57.5	86.3

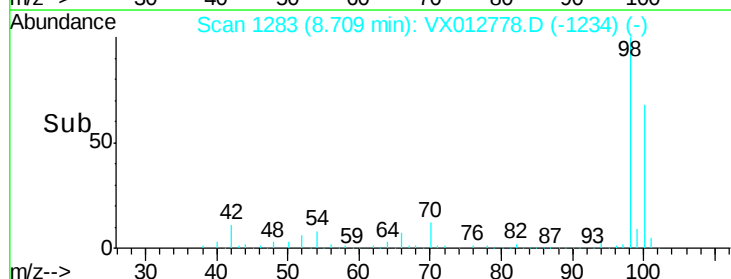
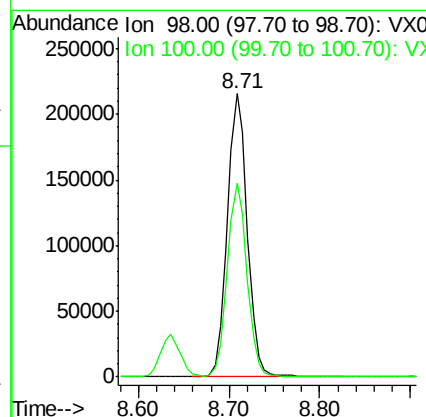
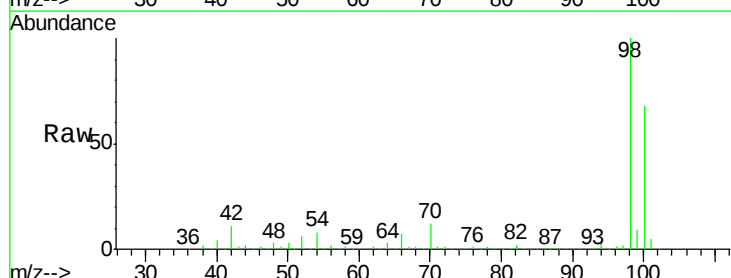
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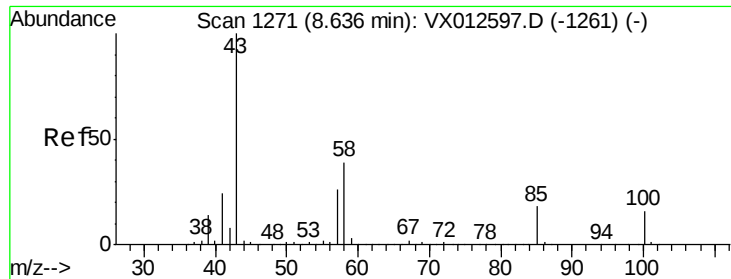
MMDadoda
10/4/2019 9:18:18 AM



#50
Toluene-d8
Concen: 49.519 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012778.D
Acq: 03 Oct 2019 13:07

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.7	53.4	80.2





#51

4-Methyl-2-Pentanone

Concen: 88.055 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012778.D

Acq: 03 Oct 2019 13:07

Instrument :

MSVOA_X

ClientSampleId :

VX1003WBS01

Tot Ion: 43 Resp: 298140

Ion Ratio Lower Upper

43 100

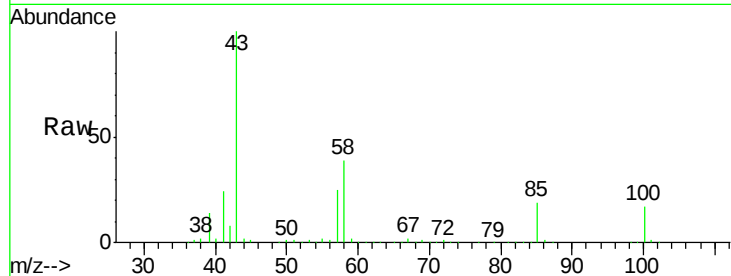
58 39.7 29.8 44.6

Manual Integrations

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MMDadoda

10/4/2019 9:18:18 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

200000

150000

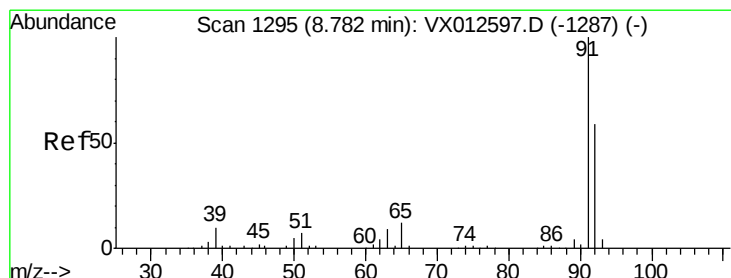
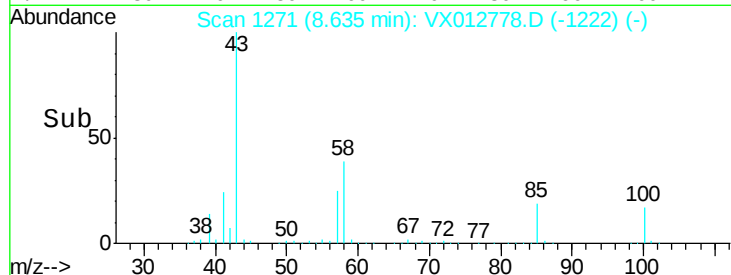
100000

50000

0

8.50 8.55 8.60 8.65 8.70

Time-->



#52

Toluene

Concen: 19.461 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX012778.D

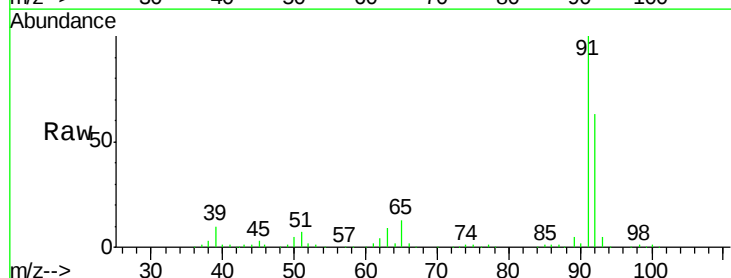
Acq: 03 Oct 2019 13:07

Tgt Ion: 92 Resp: 100963

Ion Ratio Lower Upper

92 100

91 163.7 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

120000

100000

80000

60000

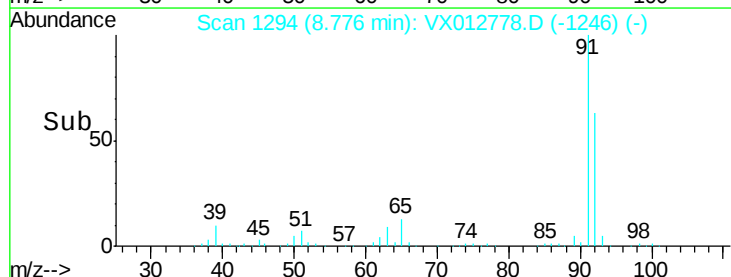
40000

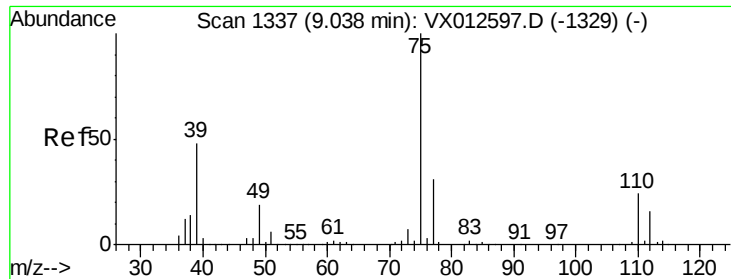
20000

0

8.70 8.80 8.90

Time-->





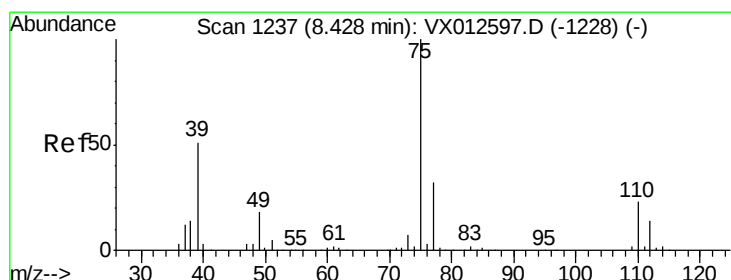
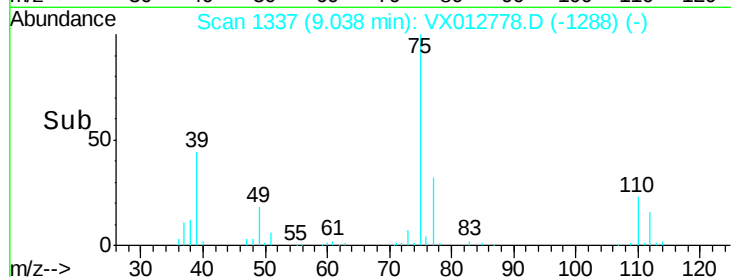
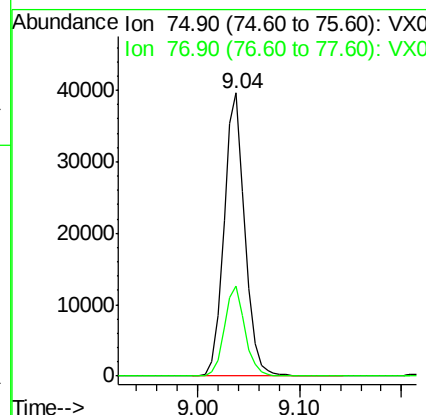
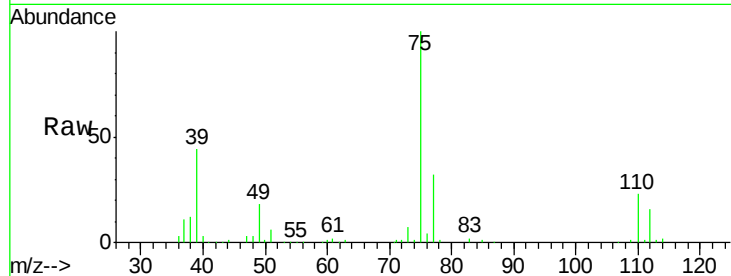
#53
 t-1,3-Dichloropropene
 Concen: 17.707 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. -0.00 min
 Lab File: VX012778.D
 Acq: 03 Oct 2019 13:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003WBS01

Tot Ion: 75 Resp: 56339
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.2 37.8

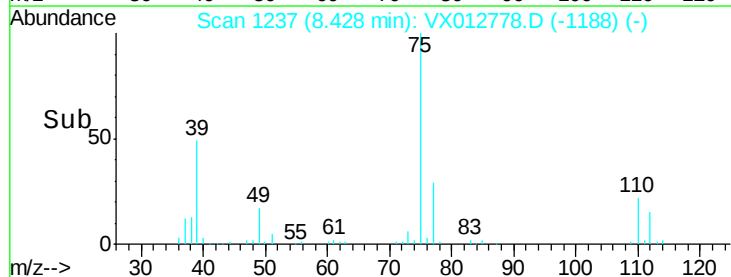
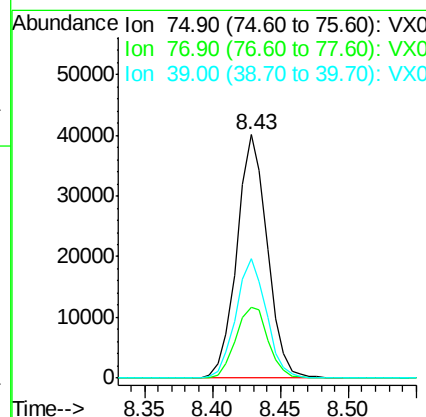
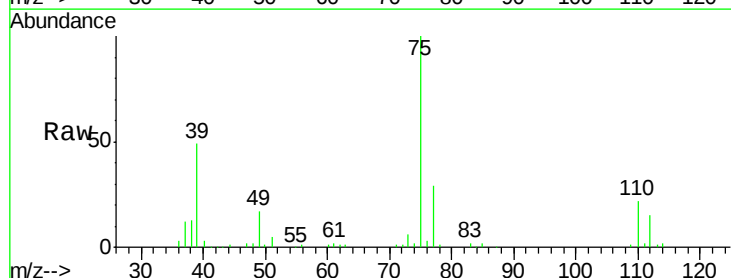
Manual Integrations
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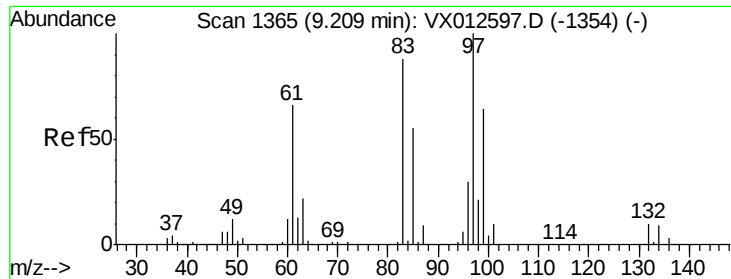
MMDadoda
 10/4/2019 9:18:18 AM



#54
 cis-1,3-Dichloropropene
 Concen: 17.955 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX012778.D
 Acq: 03 Oct 2019 13:07

Tgt Ion: 75 Resp: 62376
 Ion Ratio Lower Upper
 75 100
 77 29.2 25.8 38.8
 39 49.0 45.5 68.3





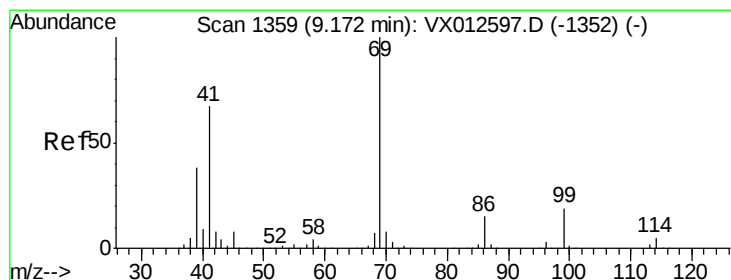
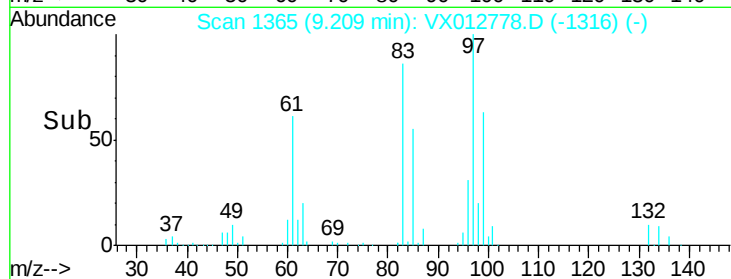
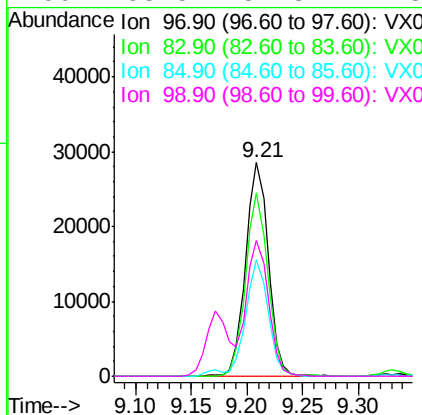
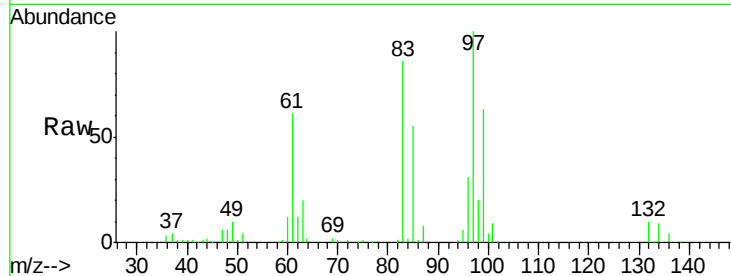
#55
 1,1,2-Trichloroethane
 Concen: 19.683 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012778.D
 Acq: 03 Oct 2019 13:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003WBS01

Tot Ion:	97	Resp:	40599
Ion	Ratio	Lower	Upper
97	100		
83	85.9	67.4	101.2
85	54.7	43.5	65.3
99	63.5	51.8	77.8

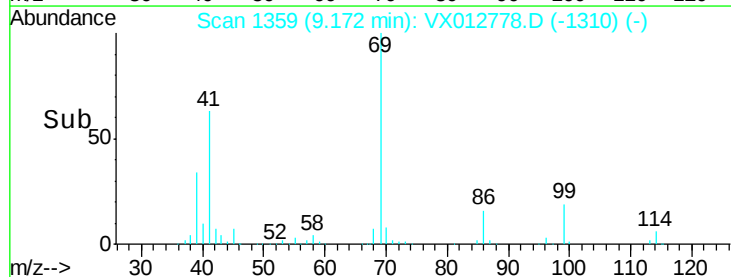
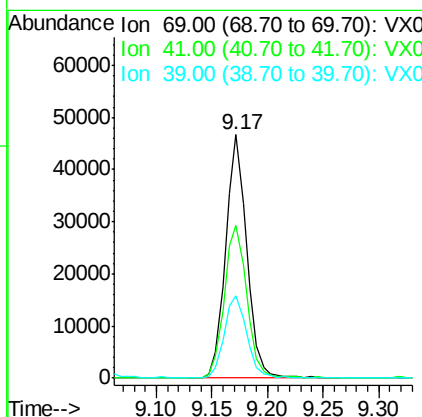
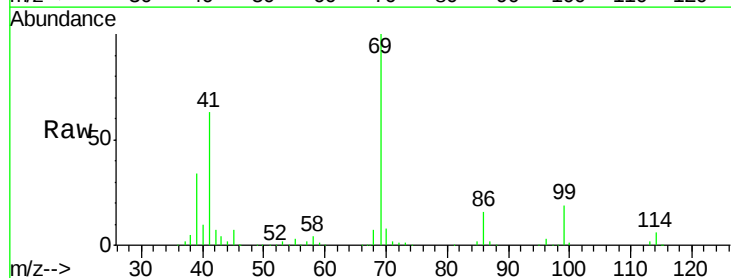
Manual Integrations
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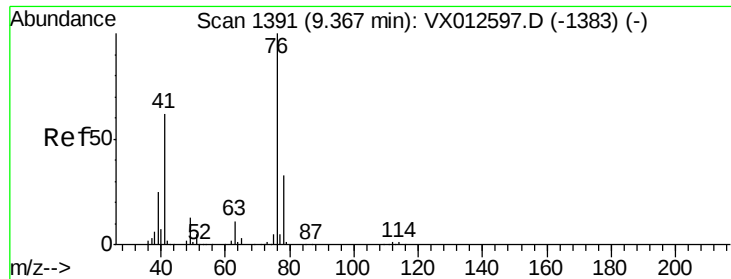
MMDadoda
 10/4/2019 9:18:18 AM



#56
 Ethyl methacrylate
 Concen: 17.747 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012778.D
 Acq: 03 Oct 2019 13:07

Tgt Ion:	69	Resp:	61497
Ion	Ratio	Lower	Upper
69	100		
41	67.2	58.4	87.6
39	35.7	33.4	50.0





#57

1,3-Dichloropropane

Concen: 18.876 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX012778.D

Acq: 03 Oct 2019 13:07

Instrument :

MSVOA_X

ClientSampleId :

VX1003WBS01

Tot Ion: 76 Resp: 68141

Ion Ratio Lower Upper

76 100

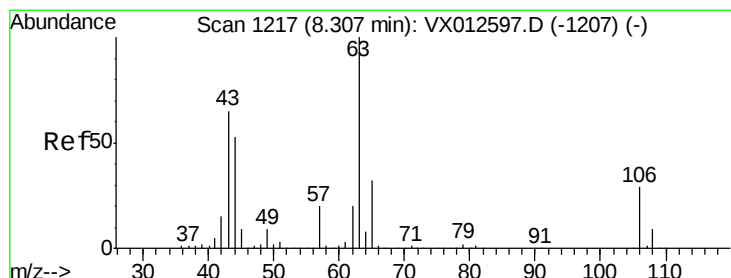
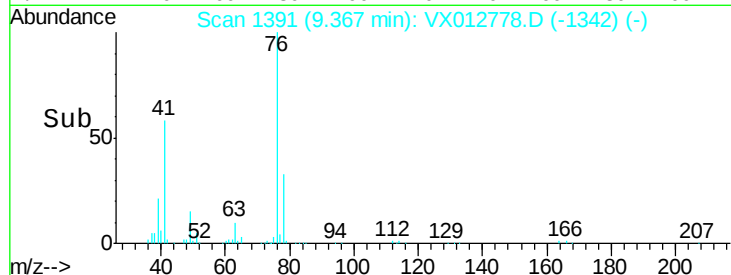
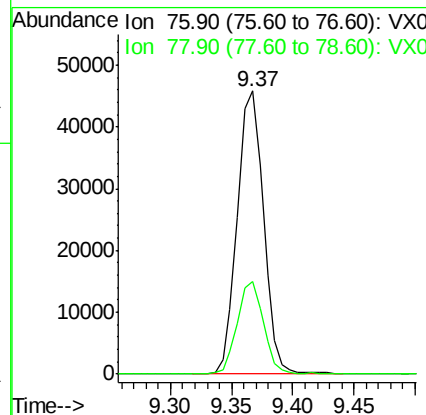
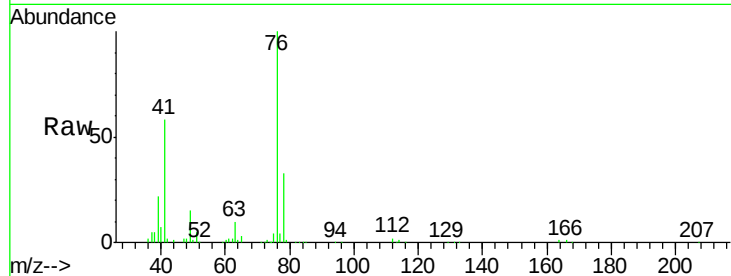
78 32.7 26.2 39.2

Manual Integrations

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MMDadoda

10/4/2019 9:18:18 AM



#58

2-Chloroethyl Vinyl ether

Concen: 100.436 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX012778.D

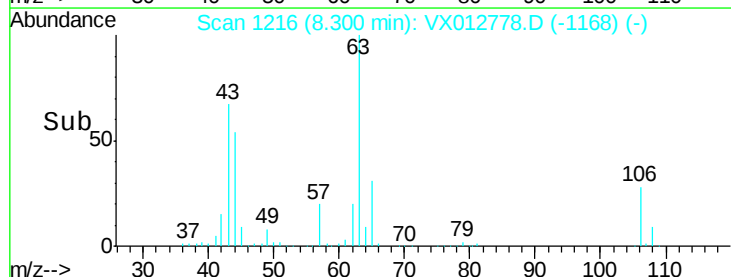
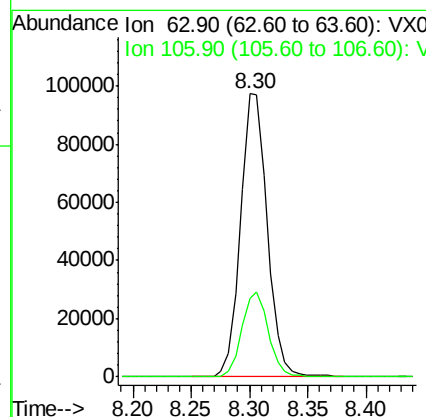
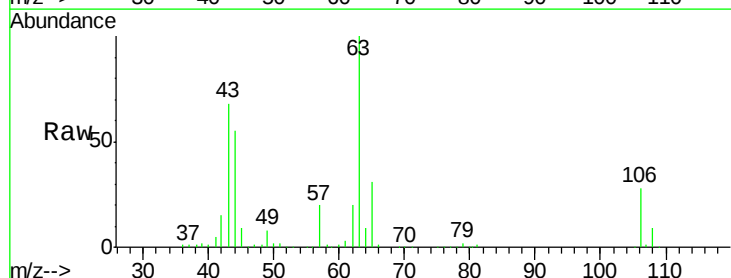
Acq: 03 Oct 2019 13:07

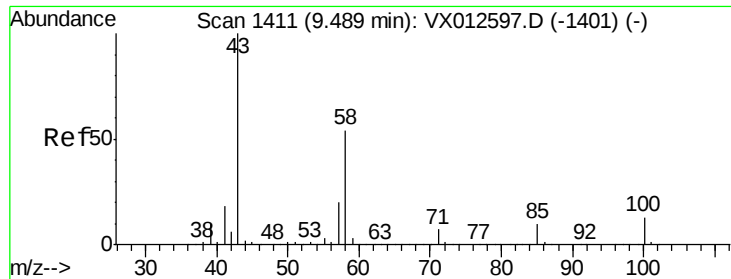
Tgt Ion: 63 Resp: 156223

Ion Ratio Lower Upper

63 100

106 29.6 23.8 35.6





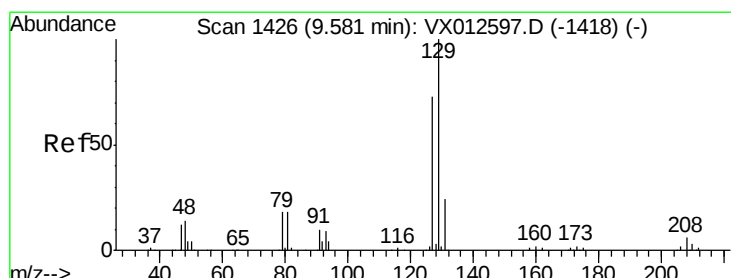
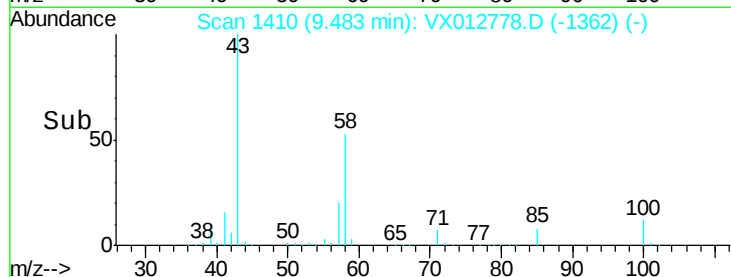
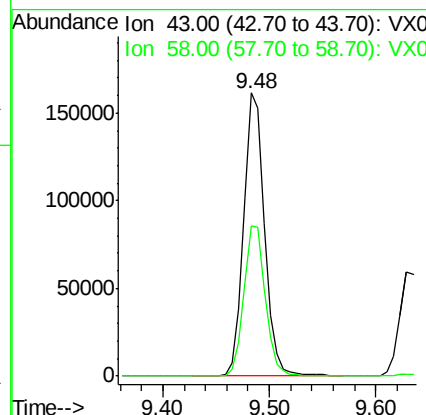
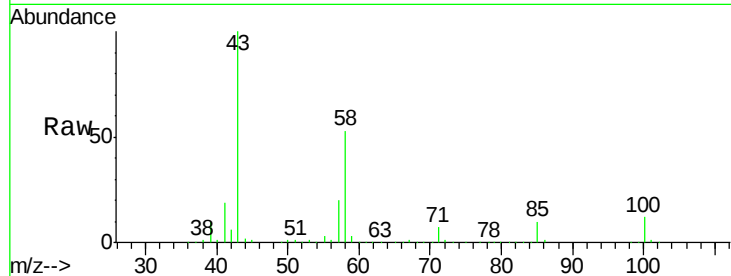
#59
2-Hexanone
Concen: 86.411 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX012778.D
Acq: 03 Oct 2019 13:07

Instrument :
MSVOA_X
ClientSampleId :
VX1003WBS01

Tot Ion: 43 Resp: 223948
Ion Ratio Lower Upper
43 100
58 54.8 25.7 77.1

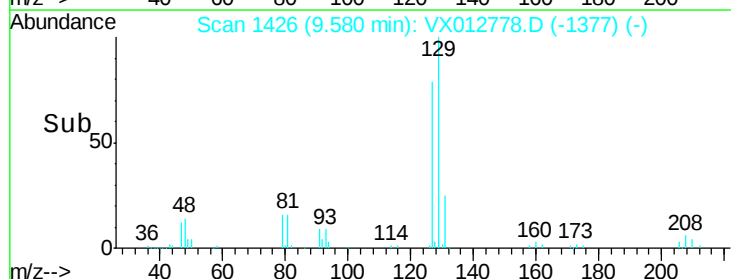
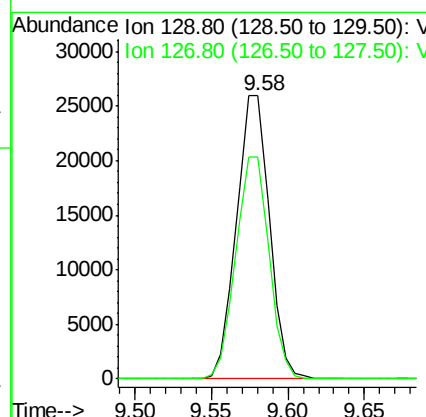
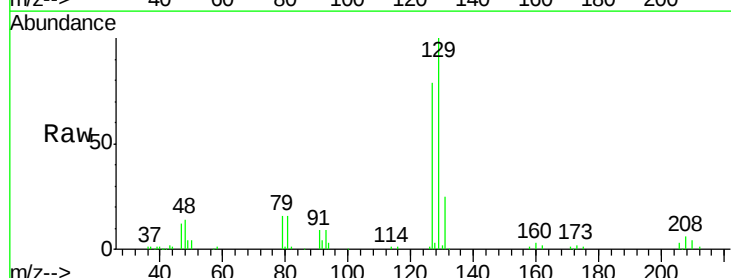
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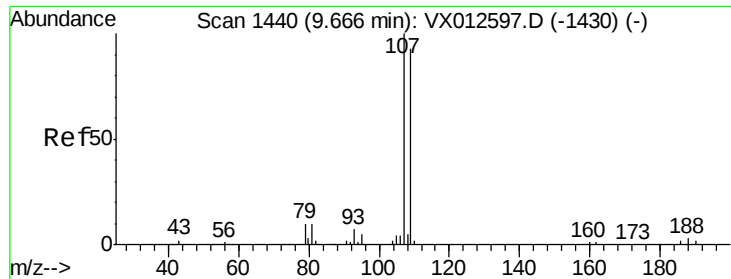
MMDadoda
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#60
Dibromochloromethane
Concen: 18.597 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. -0.00 min
Lab File: VX012778.D
Acq: 03 Oct 2019 13:07

Tgt Ion: 129 Resp: 38831
Ion Ratio Lower Upper
129 100
127 79.1 38.9 116.6





#61

1,2-Dibromoethane

Concen: 19.822 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012778.D

Acq: 03 Oct 2019 13:07

Instrument :

MSVOA_X

ClientSampleId :

VX1003WBS01

Tot Ion:107 Resp: 42550

Ion Ratio Lower Upper

107 100

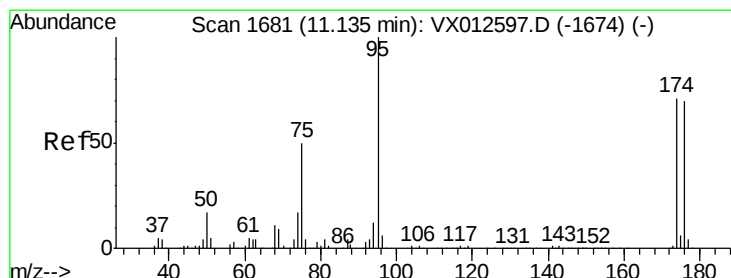
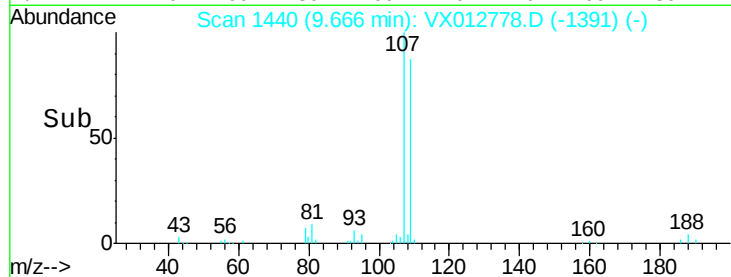
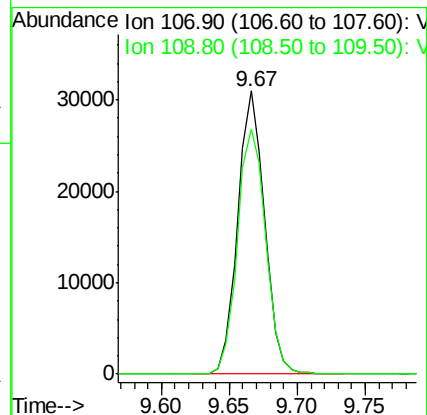
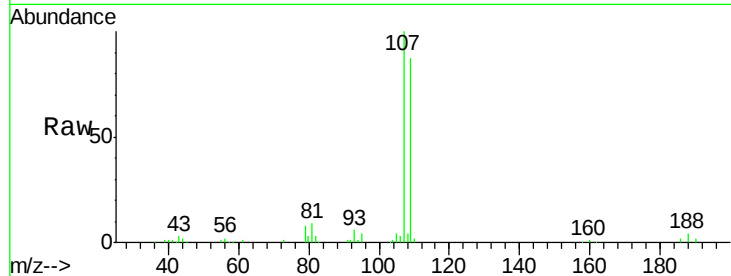
109 91.2 74.7 112.1

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MMDadoda

10/4/2019 9:18:18 AM



#62

4-Bromofluorobenzene

Concen: 48.930 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012778.D

Acq: 03 Oct 2019 13:07

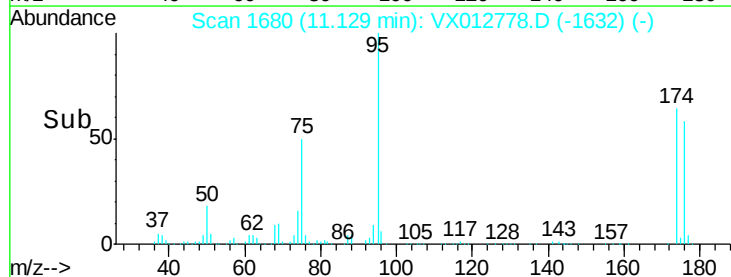
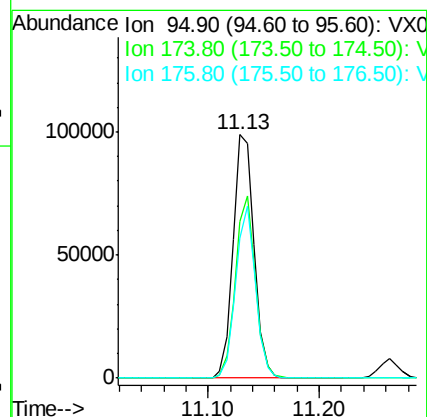
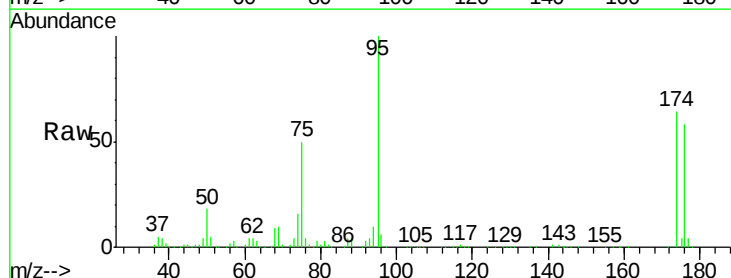
Tgt Ion: 95 Resp: 128430

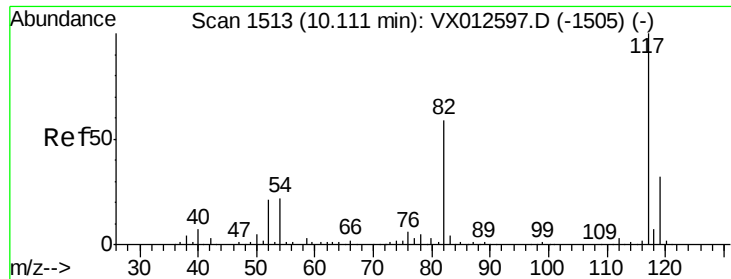
Ion Ratio Lower Upper

95 100

174 71.4 0.0 140.0

176 66.5 0.0 135.4





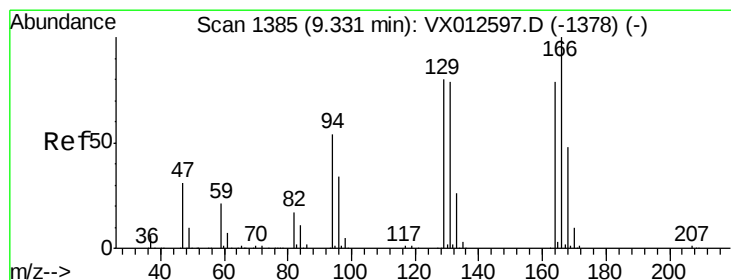
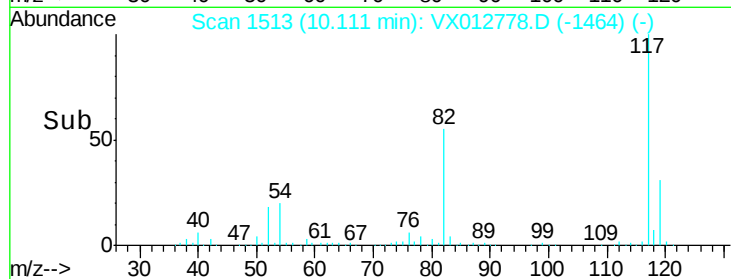
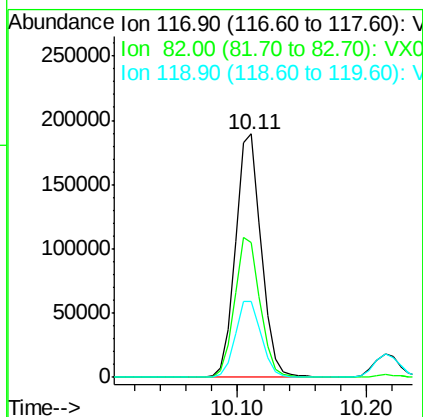
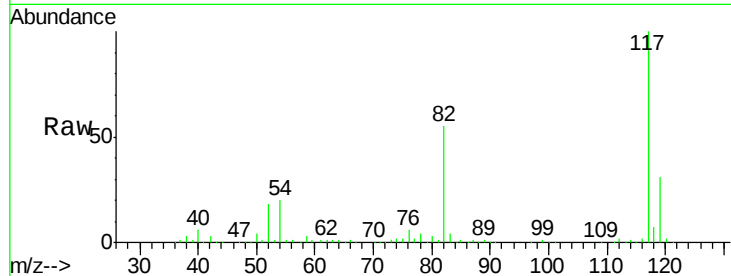
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012778.D
Acq: 03 Oct 2019 13:07

Instrument :
MSVOA_X
ClientSampleId :
VX1003WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.1	45.9	68.9
119	31.1	25.3	37.9

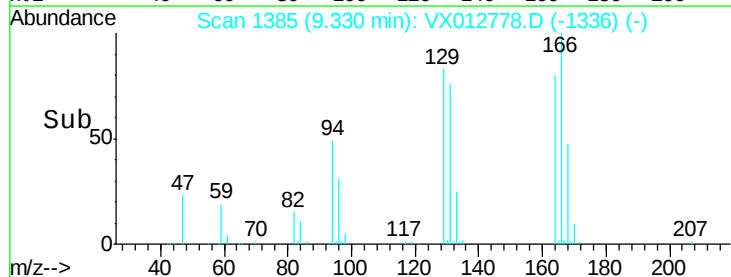
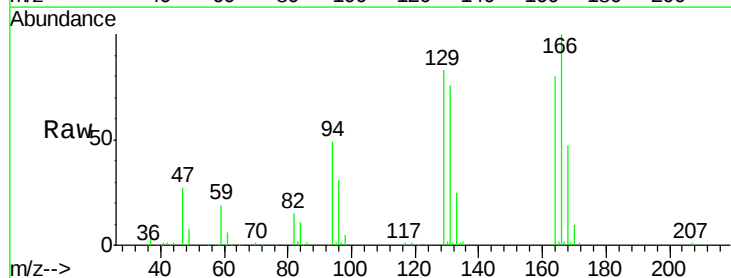
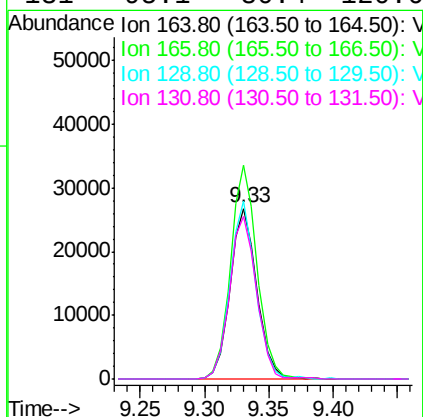
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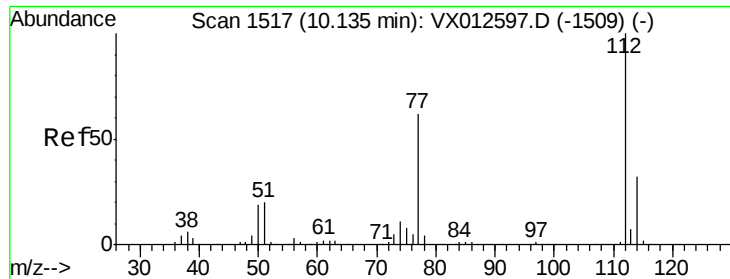
MMDadoda
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#64
Tetrachloroethene
Concen: 21.089 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012778.D
Acq: 03 Oct 2019 13:07

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.1	107.8	161.6
129	104.0	86.2	129.2
131	95.1	80.4	120.6





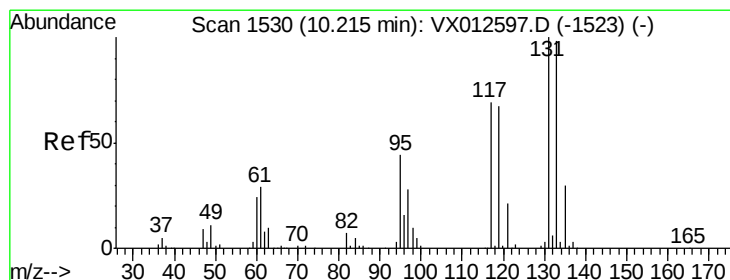
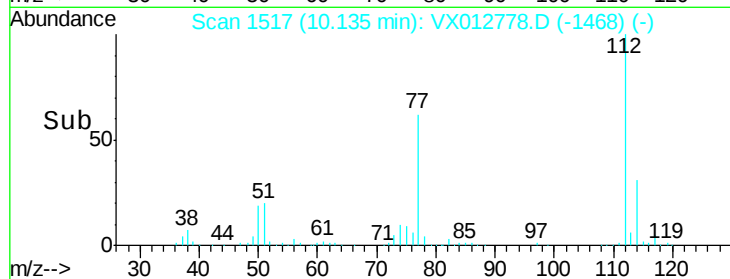
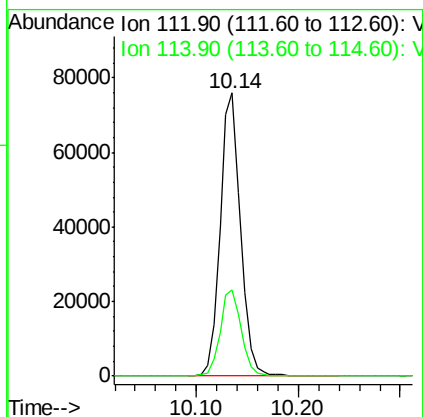
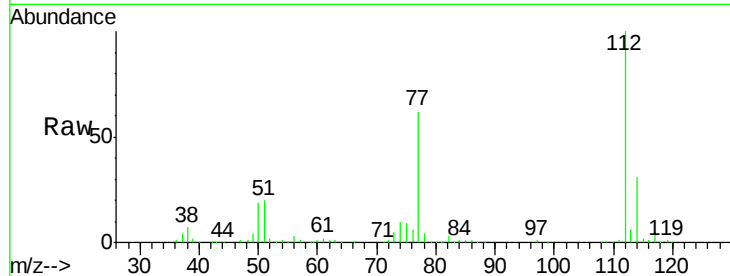
#65
Chlorobenzene
Concen: 19.030 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012778.D
Acq: 03 Oct 2019 13:07

Instrument :
MSVOA_X
ClientSampleId :
VX1003WBS01

Tot Ion:112 Resp: 105096
Ion Ratio Lower Upper
112 100
114 30.5 25.4 38.0

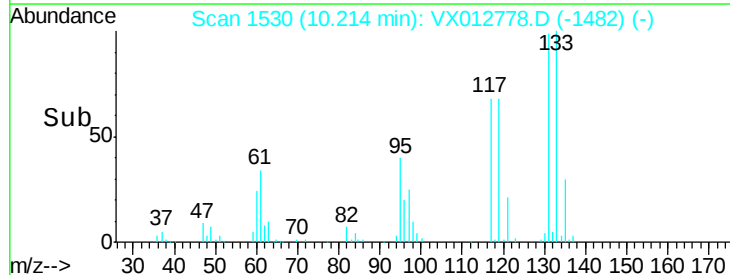
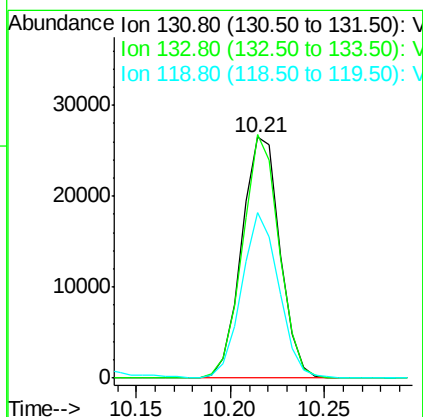
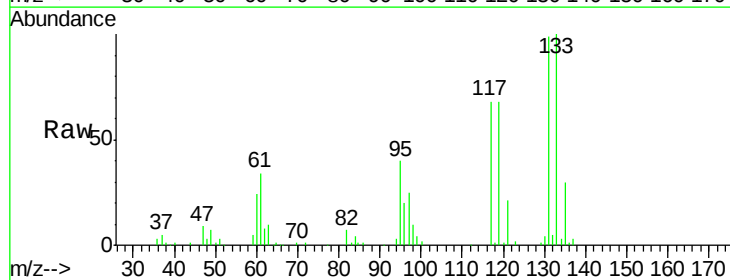
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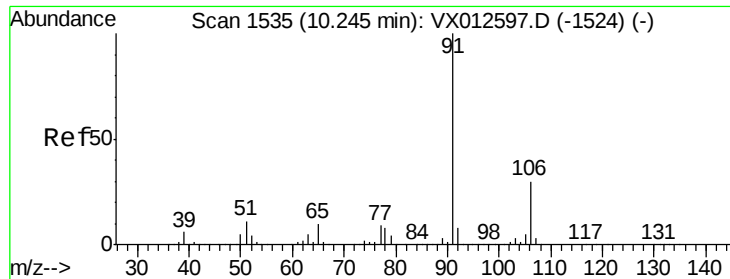
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.604 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VX012778.D
Acq: 03 Oct 2019 13:07

Tgt Ion:131 Resp: 37226
Ion Ratio Lower Upper
131 100
133 96.8 47.6 142.9
119 66.9 31.3 93.8





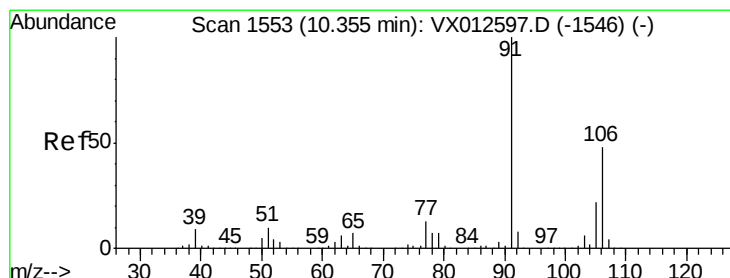
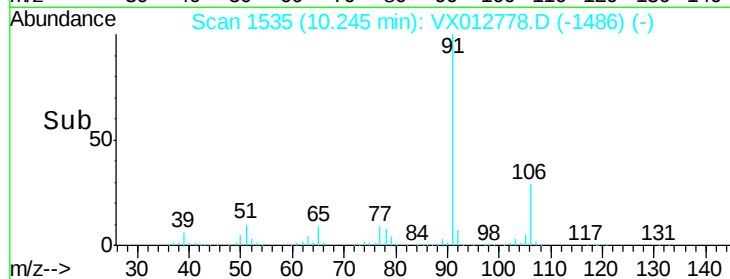
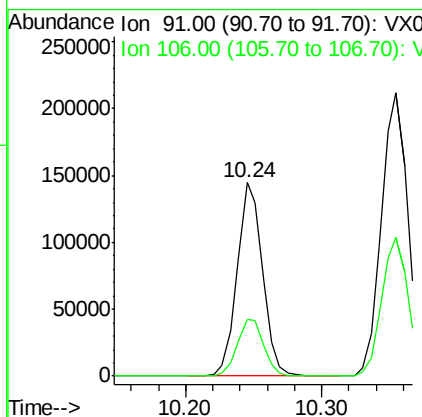
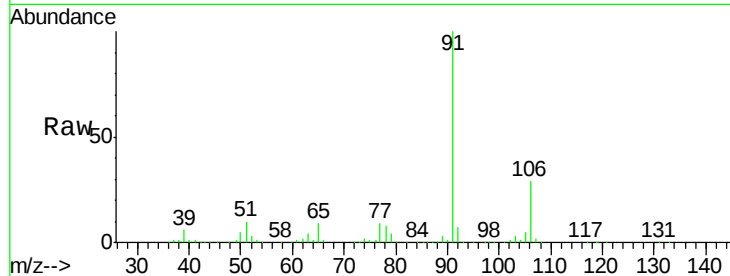
#67
Ethyl Benzene
Concen: 18.737 ug/l
RT: 10.24 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX012778.D
Acq: 03 Oct 2019 13:07

Instrument :
MSVOA_X
ClientSampleId :
VX1003WBS01

Tot Ion: 91 Resp: 187683
Ion Ratio Lower Upper
91 100
106 29.5 24.6 37.0

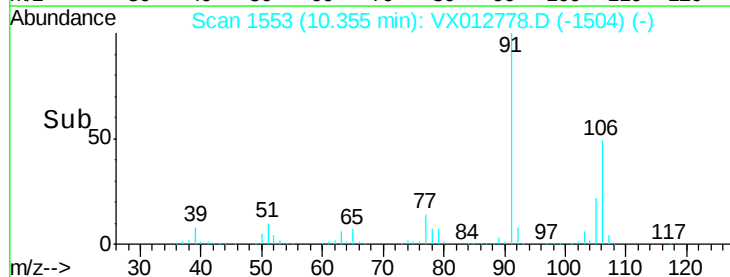
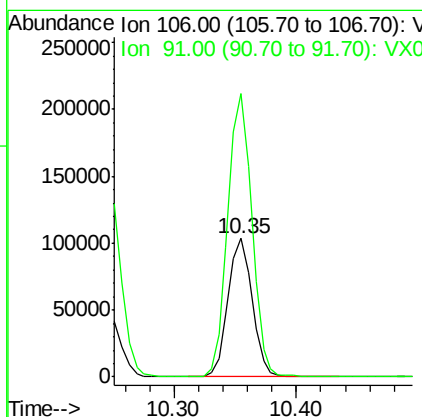
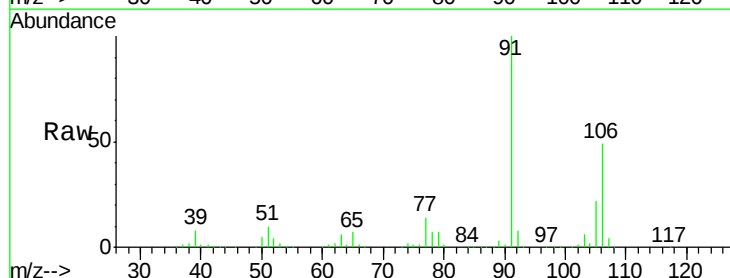
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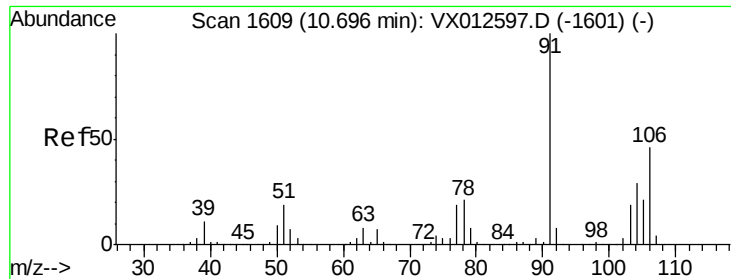
MMDadoda
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#68
m/p-Xylenes
Concen: 37.623 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012778.D
Acq: 03 Oct 2019 13:07

Tgt Ion: 106 Resp: 141172
Ion Ratio Lower Upper
106 100
91 204.8 166.6 250.0





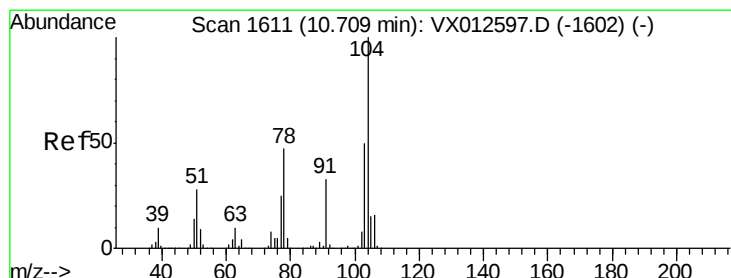
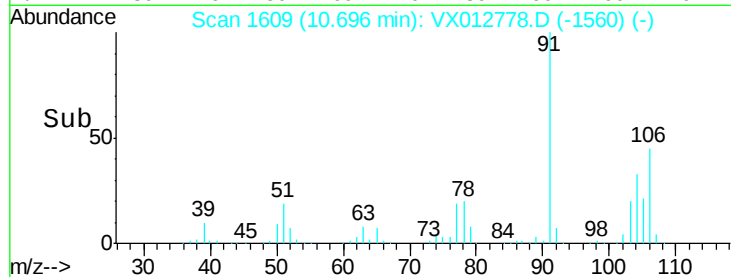
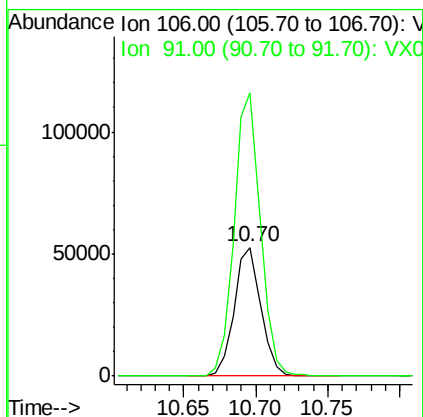
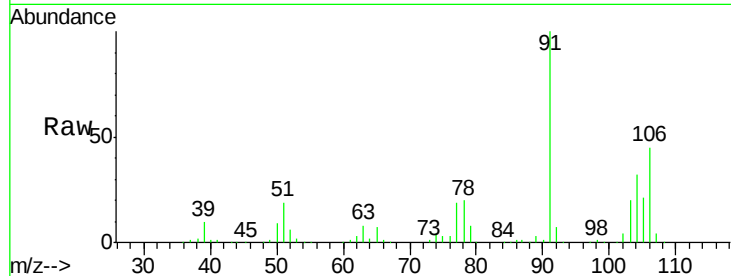
#69
o-Xylene
Concen: 18.683 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012778.D
Acq: 03 Oct 2019 13:07

Instrument :
MSVOA_X
ClientSampled :
VX1003WBS01

Tot Ion:106 Resp: 67834
Ion Ratio Lower Upper
106 100
91 218.0 109.4 328.2

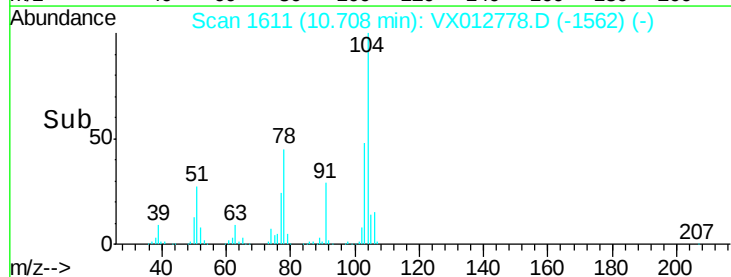
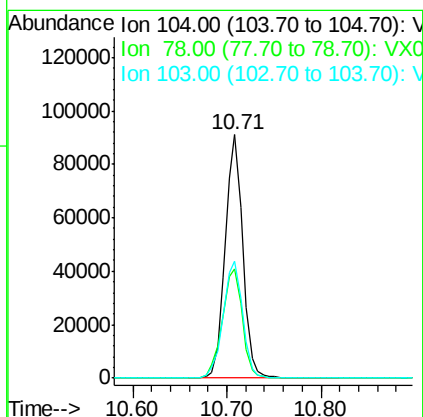
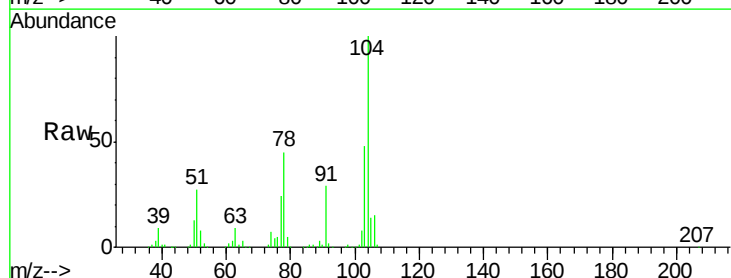
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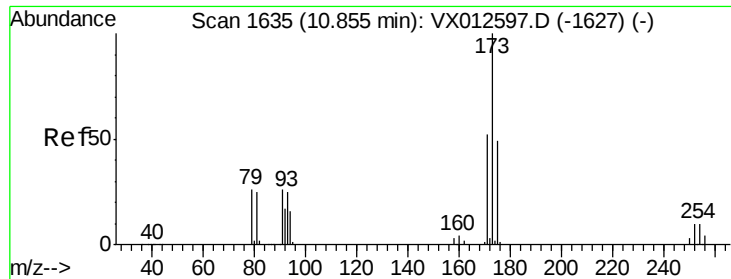
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#70
Styrene
Concen: 19.324 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012778.D
Acq: 03 Oct 2019 13:07

Tgt Ion:104 Resp: 117619
Ion Ratio Lower Upper
104 100
78 51.3 43.4 65.2
103 53.5 43.3 64.9





#71

Bromoform

Concen: 17.885 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012778.D

Acq: 03 Oct 2019 13:07

Instrument :

MSVOA_X

ClientSampled :

VX1003WBS01

Tot Ion:173 Resp: 24919

Ion Ratio Lower Upper

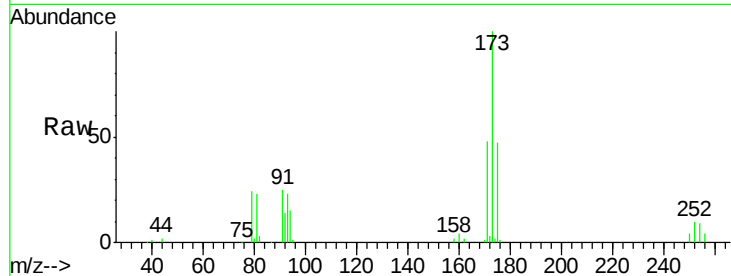
173 100

175 49.2 23.7 71.1

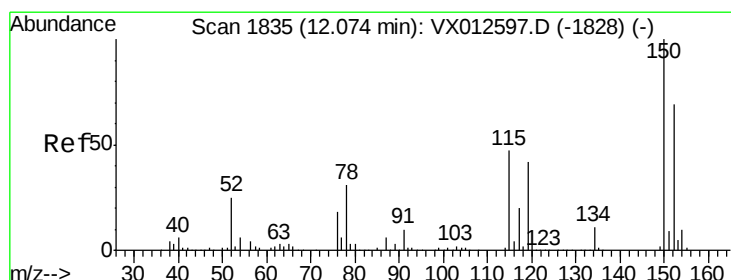
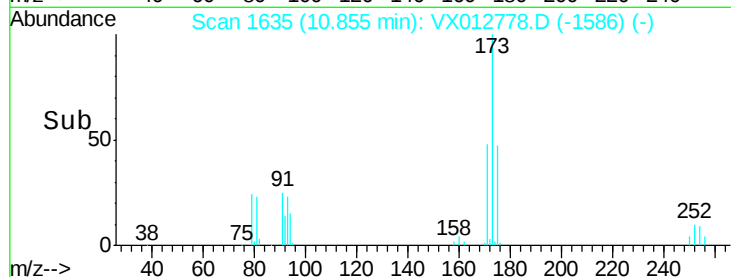
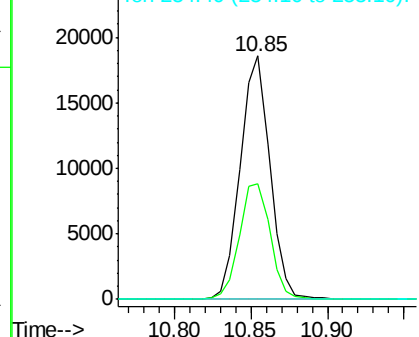
254 0.0 0.1 0.1#

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012778.D

Acq: 03 Oct 2019 13:07

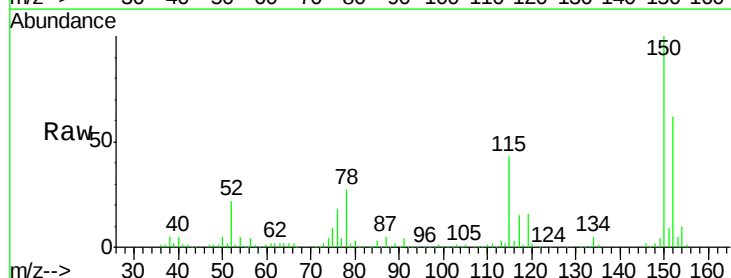
Tgt Ion:152 Resp: 121050

Ion Ratio Lower Upper

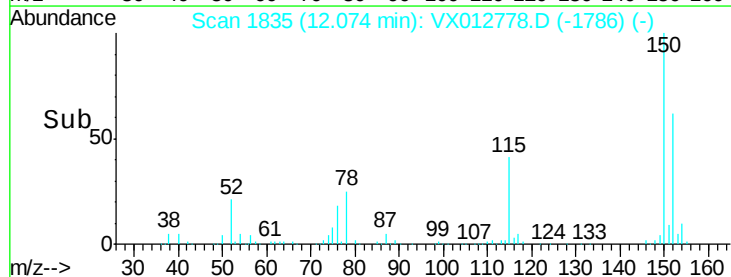
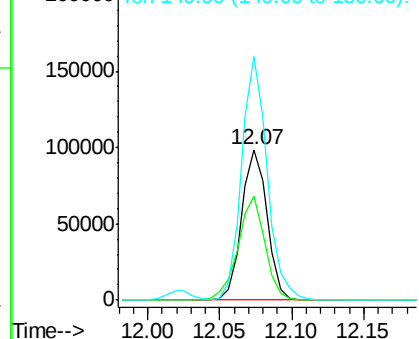
152 100

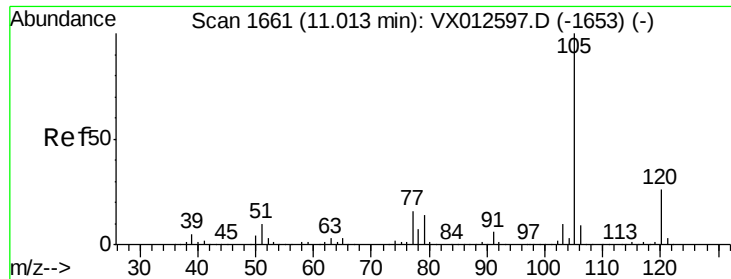
115 73.4 44.1 132.3

150 162.8 0.0 343.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





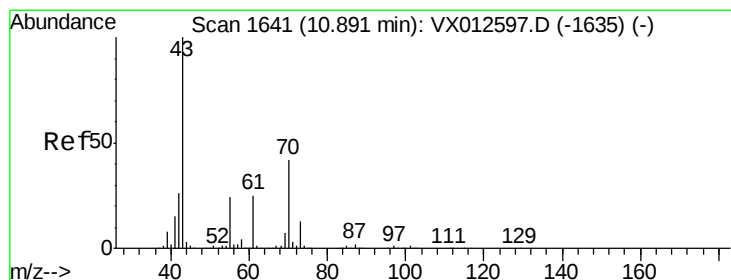
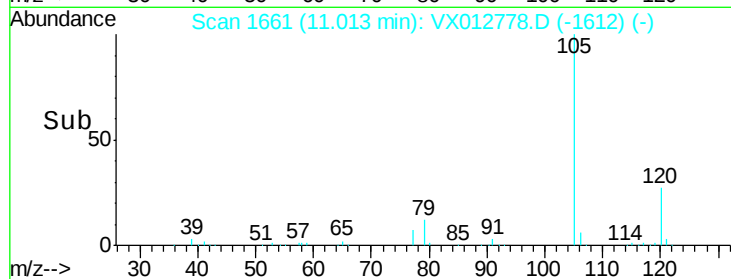
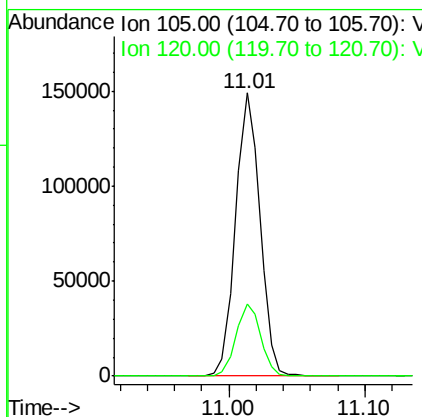
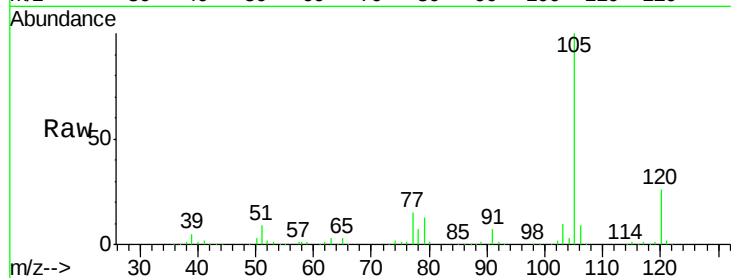
#73
Isopropylbenzene
Concen: 18.871 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX012778.D
Acq: 03 Oct 2019 13:07

Instrument :
MSVOA_X
ClientSampleId :
VX1003WBS01

Tot Ion: 105 Resp: 186047
Ion Ratio Lower Upper
105 100
120 25.8 12.9 38.7

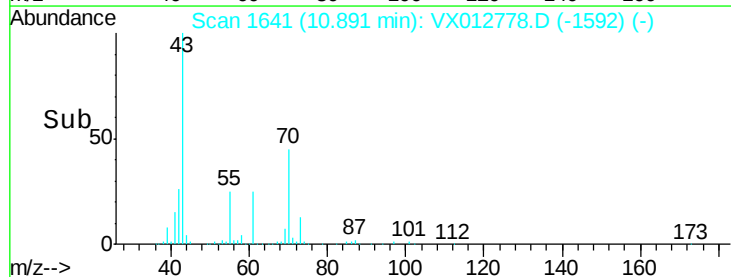
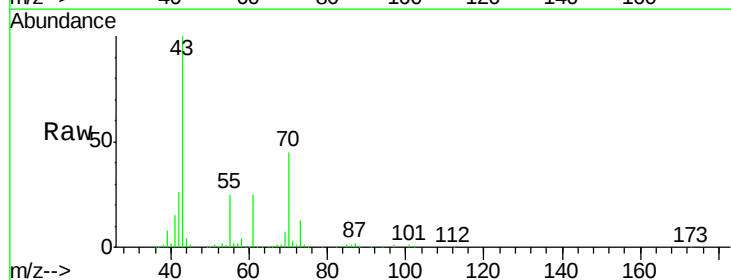
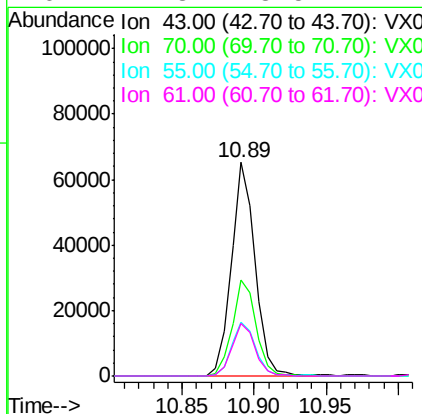
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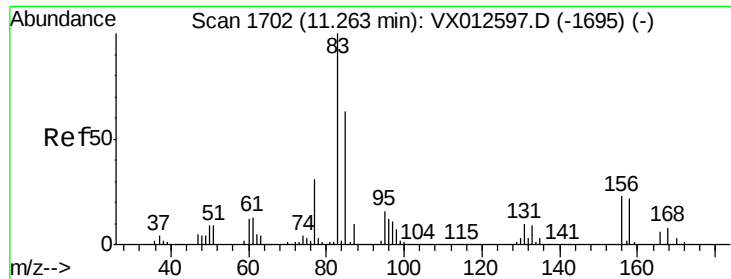
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#74
N-ethyl acetate
Concen: 16.112 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VX012778.D
Acq: 03 Oct 2019 13:07

Tgt Ion: 43 Resp: 75783
Ion Ratio Lower Upper
43 100
70 45.6 32.4 48.6
55 25.4 18.2 27.4
61 24.3 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 18.346 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012778.D

Acq: 03 Oct 2019 13:07

Instrument :

MSVOA_X

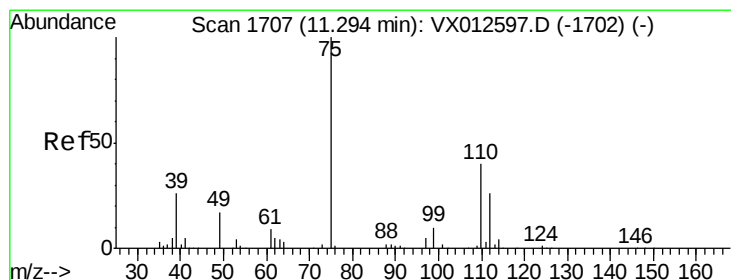
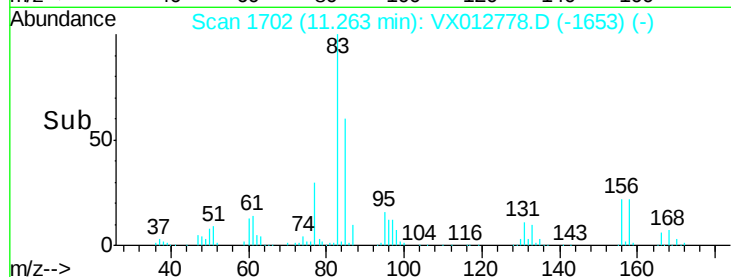
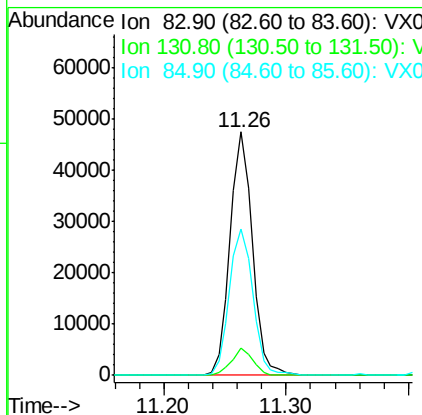
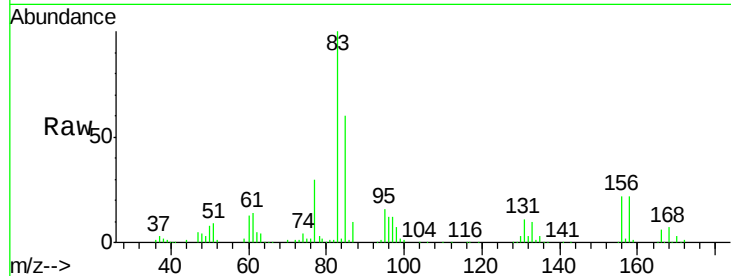
ClientSampleId :

VX1003WBS01

Tot Ion:	83	Resp:	59903
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.2	15.6
85	63.2	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 17.949 ug/l m

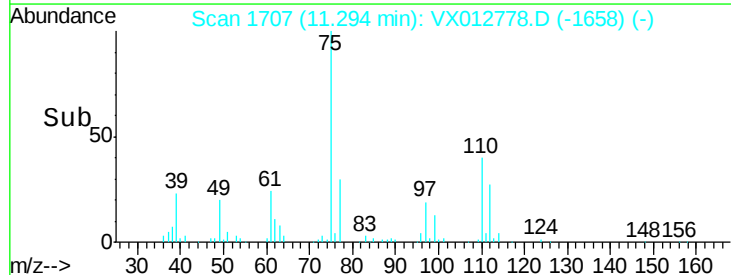
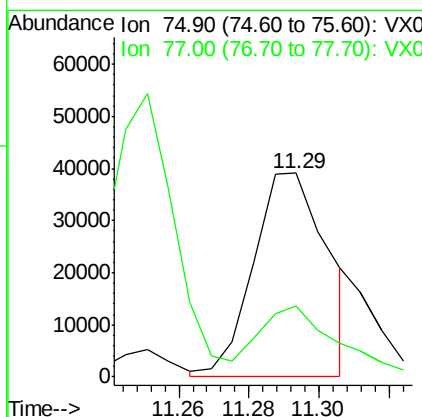
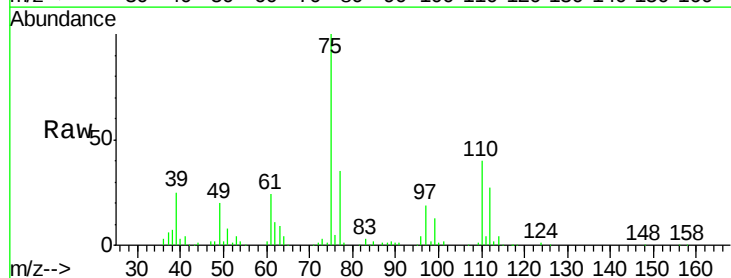
RT: 11.29 min Scan# 1707

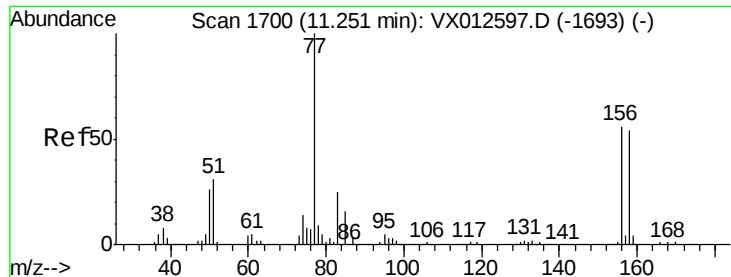
Delta R.T. -0.00 min

Lab File: VX012778.D

Acq: 03 Oct 2019 13:07

Tgt Ion:	75	Resp:	57474
Ion Ratio	Lower	Upper	
75	100		
77	37.2	19.7	59.0





#77

Bromobenzene

Concen: 19.031 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012778.D

Acq: 03 Oct 2019 13:07

Instrument :

MSVOA_X

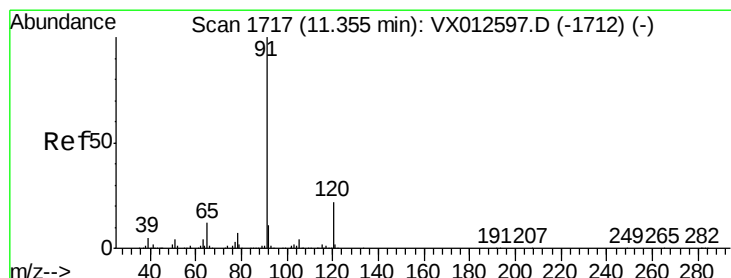
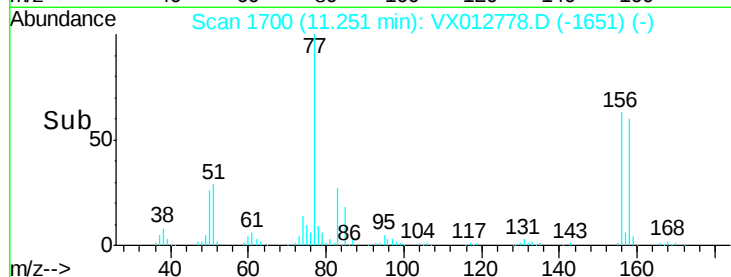
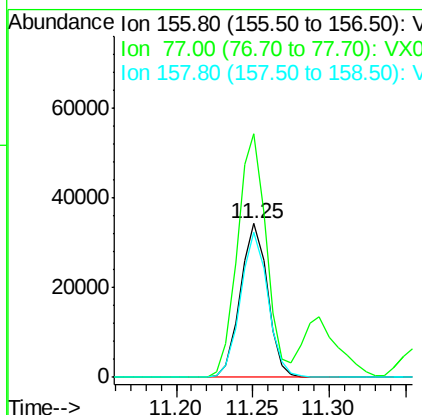
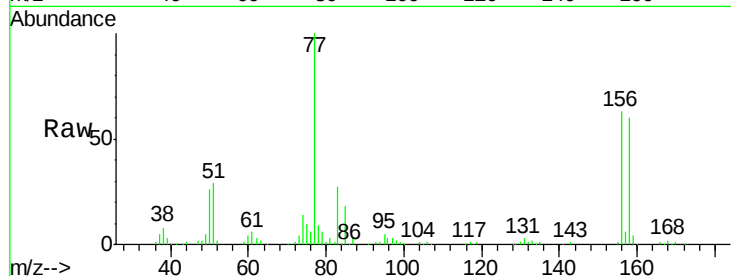
ClientSampleId :

VX1003WBS01

Tot Ion	156	Resp	42466
Ion	Ratio	Lower	Upper
156	100		
77	167.5	87.3	261.8
158	95.3	48.5	145.6

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#78

n-propylbenzene

Concen: 18.247 ug/l

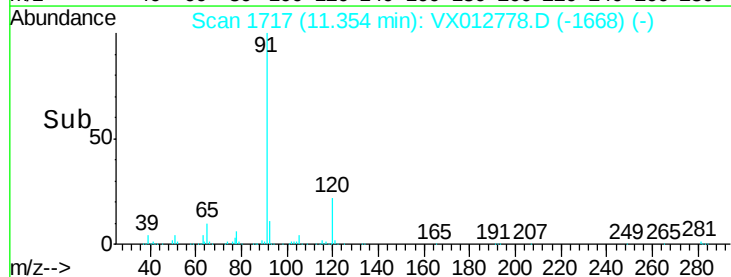
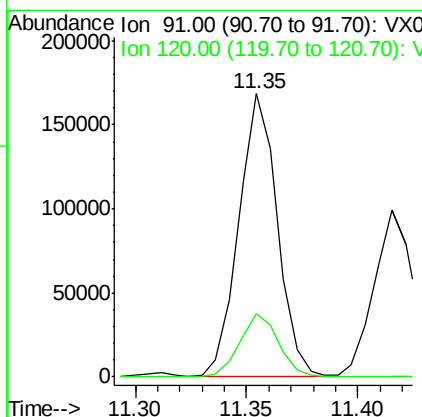
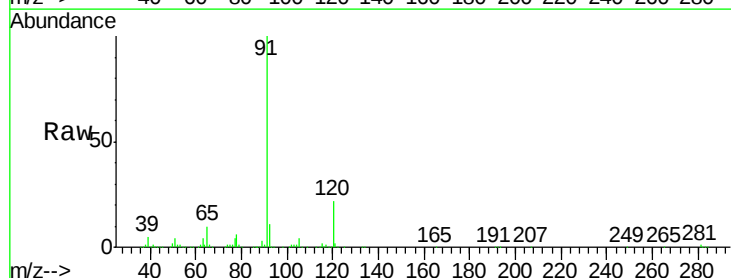
RT: 11.35 min Scan# 1717

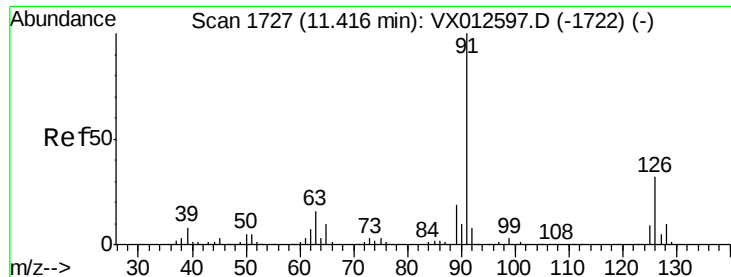
Delta R.T. -0.00 min

Lab File: VX012778.D

Acq: 03 Oct 2019 13:07

Tgt Ion	91	Resp	202535
Ion	Ratio	Lower	Upper
91	100		
120	22.5	11.3	33.8





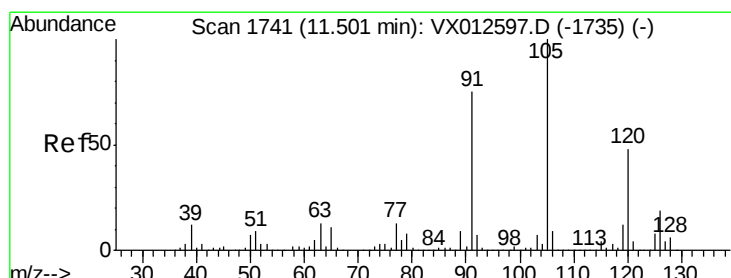
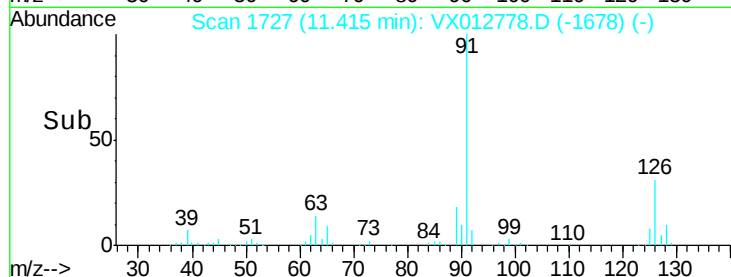
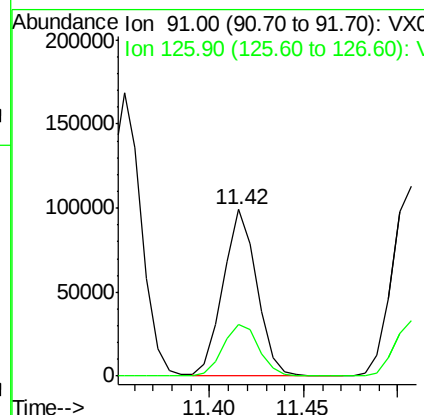
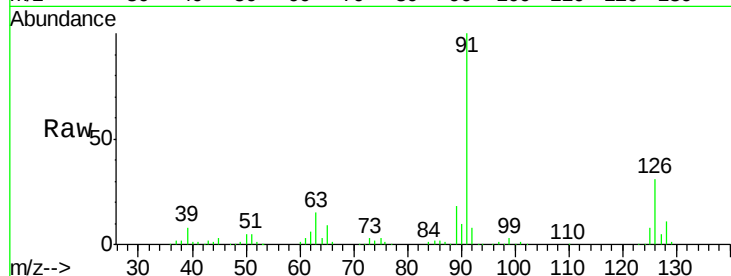
#79
 2-Chlorotoluene
 Concen: 17.640 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX012778.D
 Acq: 03 Oct 2019 13:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003WBS01

Tot Ion: 91 Resp: 122143
 Ion Ratio Lower Upper
 91 100
 126 33.1 16.4 49.4

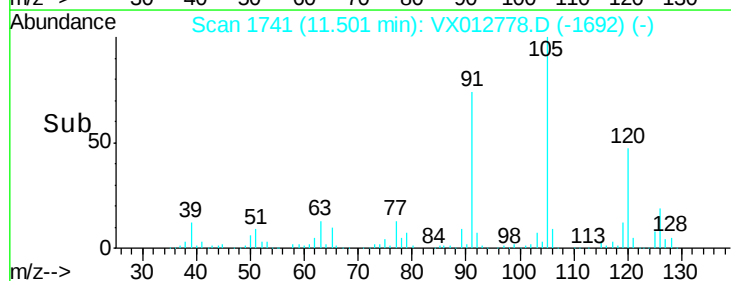
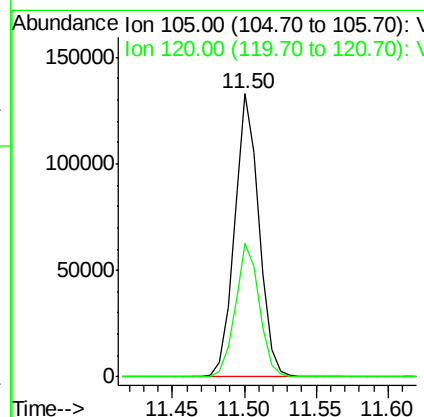
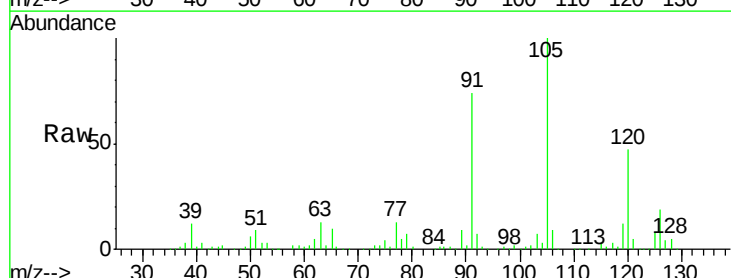
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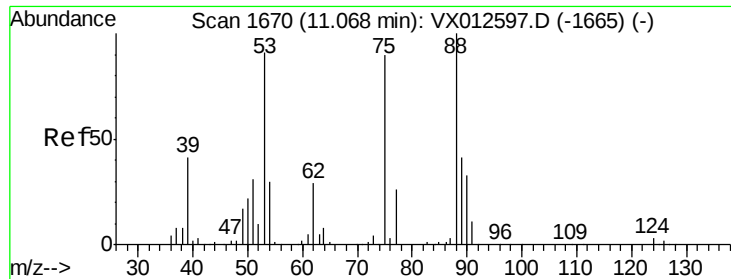
MMDadoda
 10/4/2019 9:18:18 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 19.081 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012778.D
 Acq: 03 Oct 2019 13:07

Tgt Ion: 105 Resp: 157757
 Ion Ratio Lower Upper
 105 100
 120 46.6 24.3 72.8





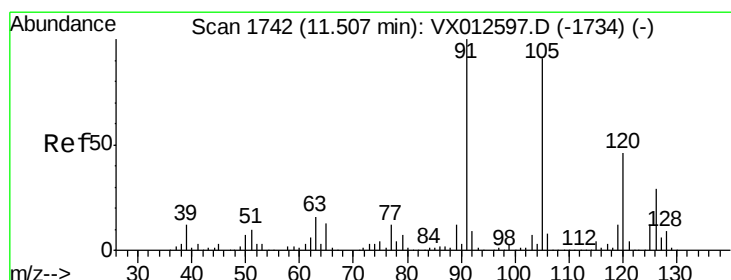
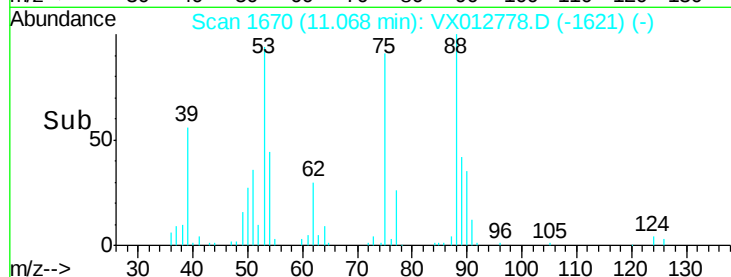
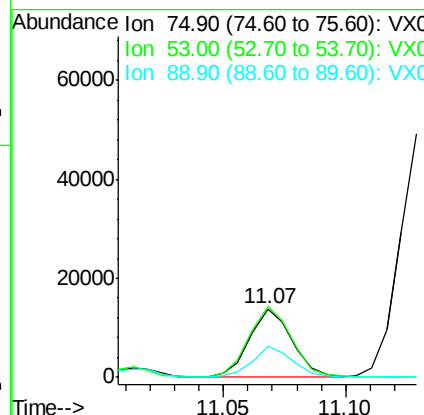
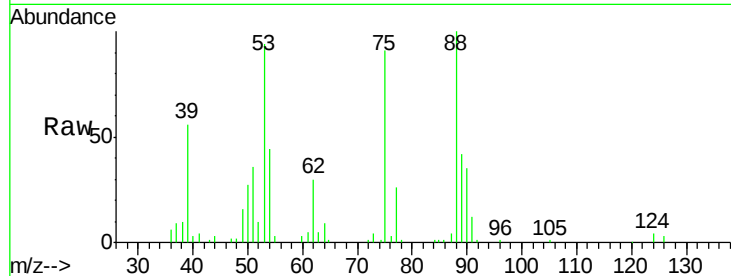
#81
trans-1,4-Dichloro-2-butene
Concen: 15.035 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX012778.D
Acq: 03 Oct 2019 13:07

Instrument :
MSVOA_X
ClientSampleId :
VX1003WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	105.1	83.6	125.4
89	43.8	36.3	54.5

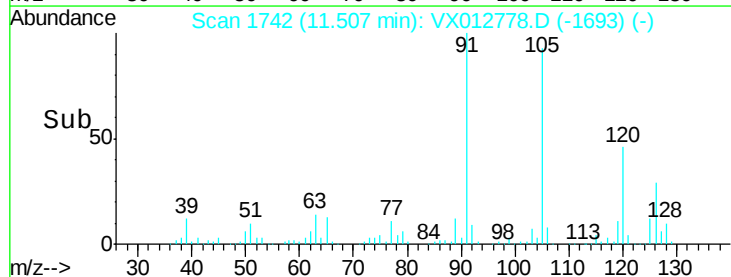
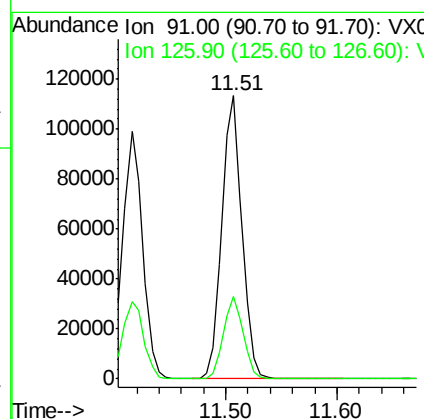
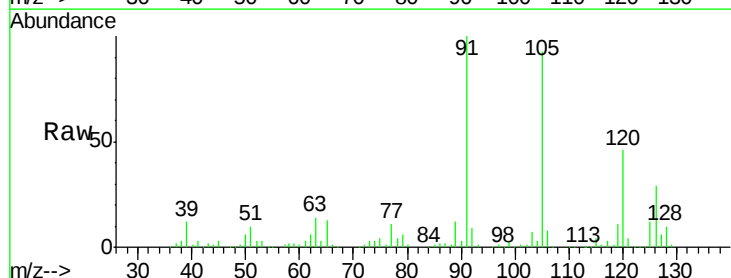
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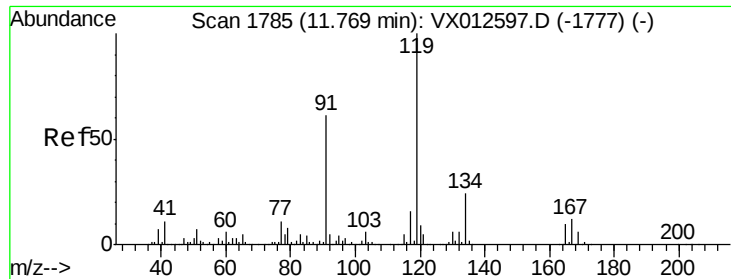
MMDadoda
10/4/2019 9:18:18 AM



#82
4-Chlorotoluene
Concen: 17.913 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX012778.D
Acq: 03 Oct 2019 13:07

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.8	14.4	43.0





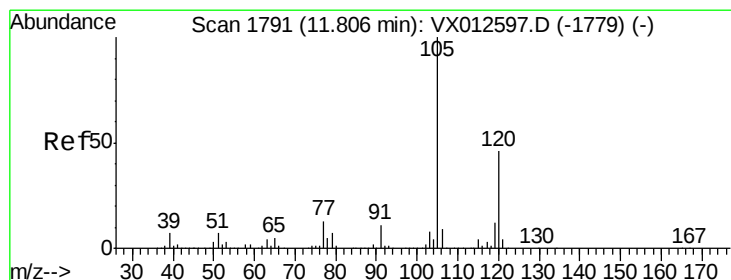
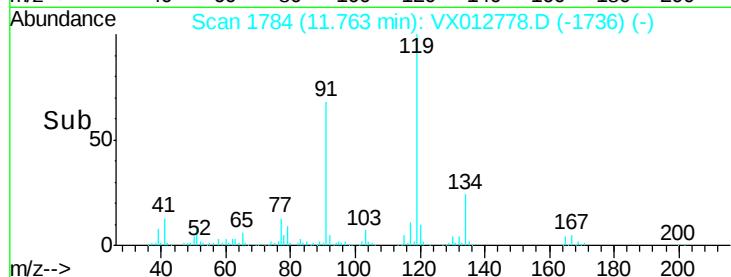
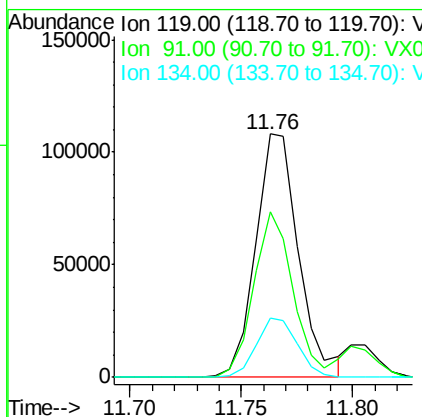
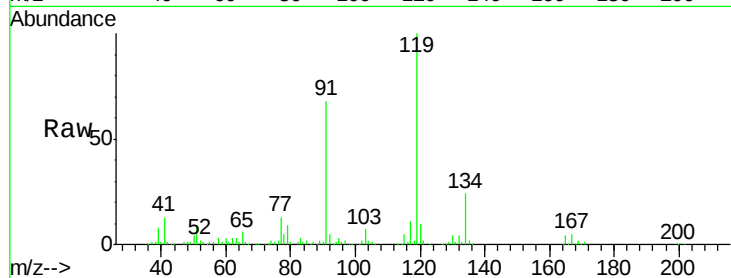
#83
tert-Butylbenzene
Concen: 18.213 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VX012778.D
Acq: 03 Oct 2019 13:07

Instrument :
MSVOA_X
ClientSampleId :
VX1003WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	145258		
91	61.9	30.0	90.0	
134	23.3	11.3	33.9	

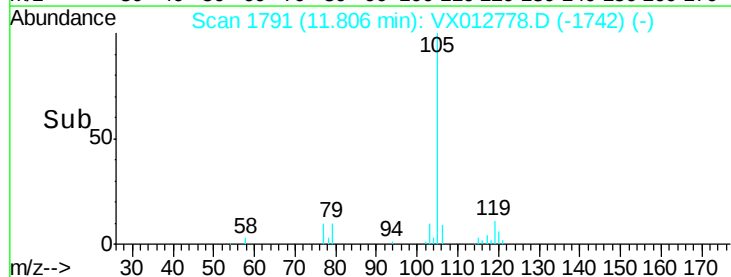
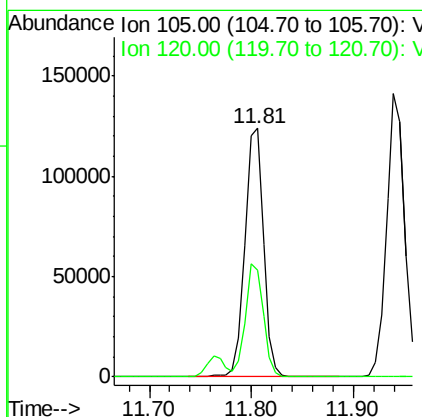
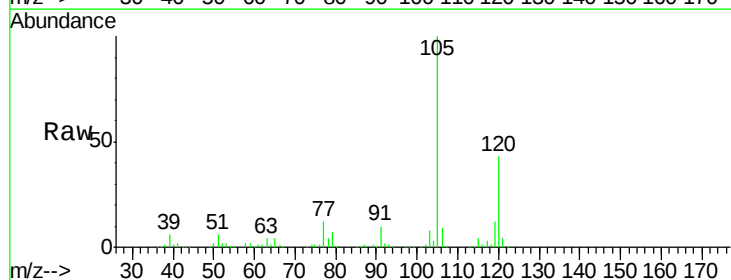
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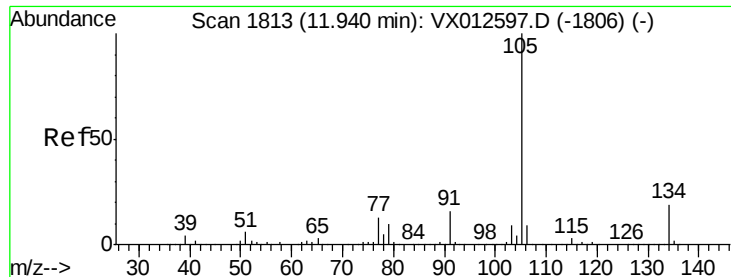
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 18.799 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. -0.00 min
Lab File: VX012778.D
Acq: 03 Oct 2019 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	156790		
120	43.8	22.2	66.6	





#85

sec-Butylbenzene

Concen: 18.852 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012778.D

Acq: 03 Oct 2019 13:07

Instrument :

MSVOA_X

ClientSampleId :

VX1003WBS01

Tot Ion:105 Resp: 174876

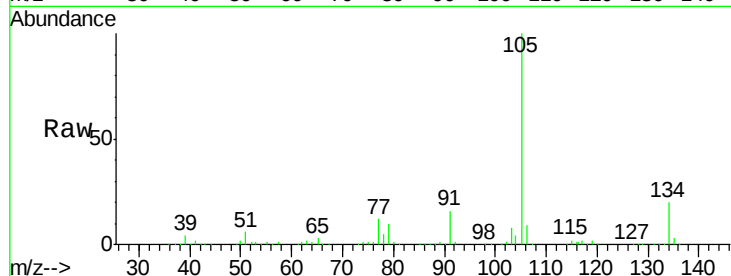
Ion Ratio Lower Upper

105 100

134 19.9 9.8 29.4

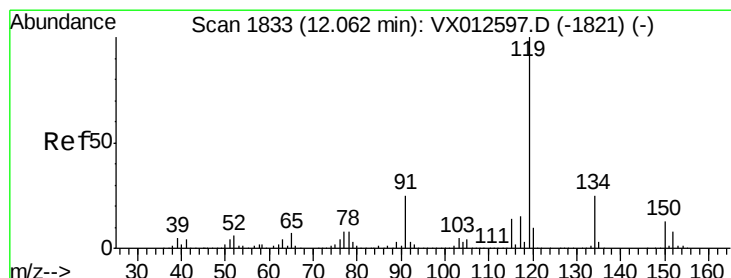
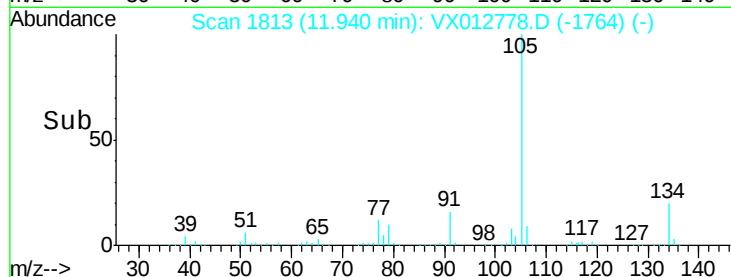
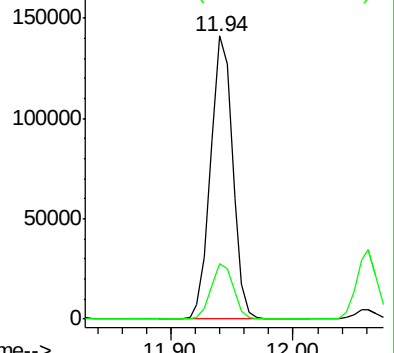
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.066 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX012778.D

Acq: 03 Oct 2019 13:07

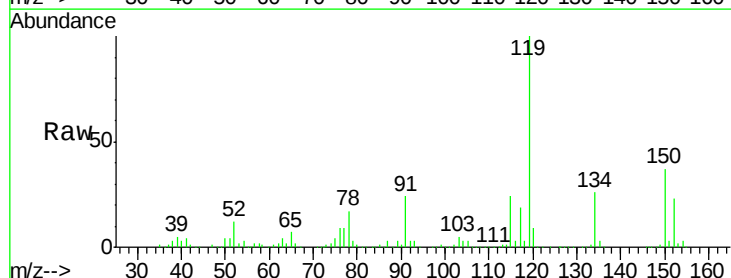
Tgt Ion:119 Resp: 159581

Ion Ratio Lower Upper

119 100

134 25.9 12.7 38.1

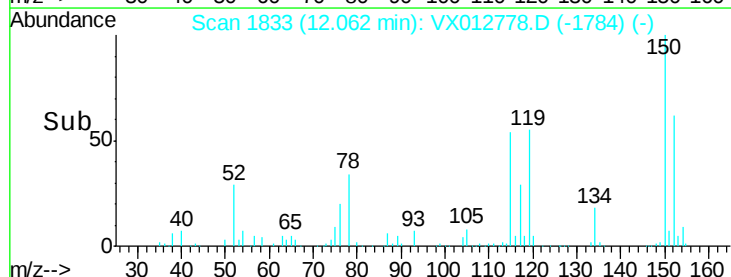
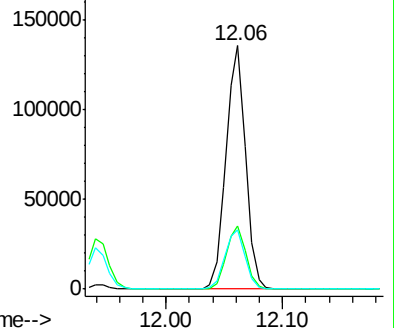
91 25.0 12.8 38.4

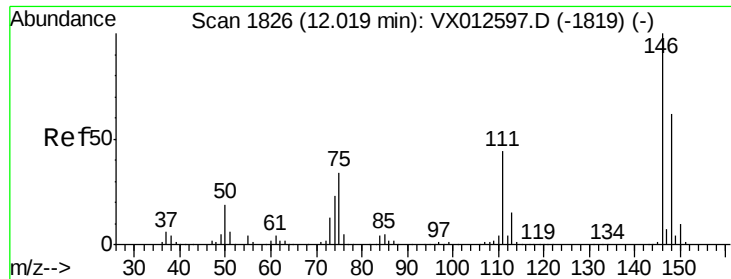


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





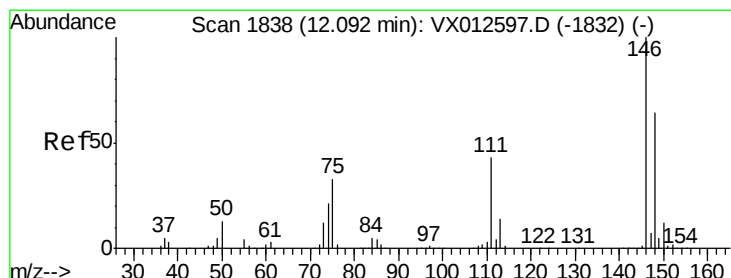
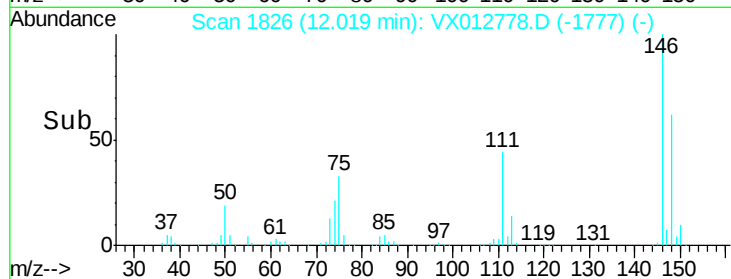
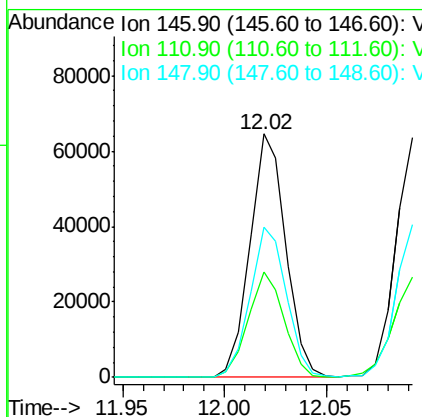
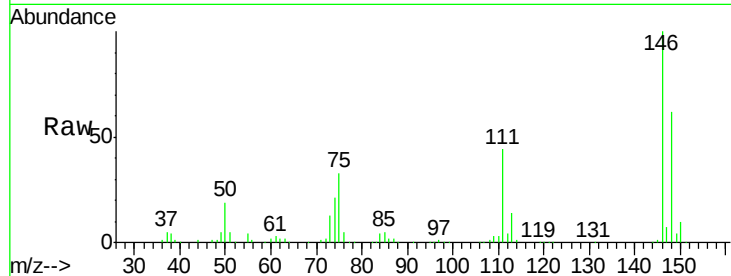
#87
 1,3-Dichlorobenzene
 Concen: 19.654 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012778.D
 Acq: 03 Oct 2019 13:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.7	21.3	64.0
148	62.7	32.4	97.2

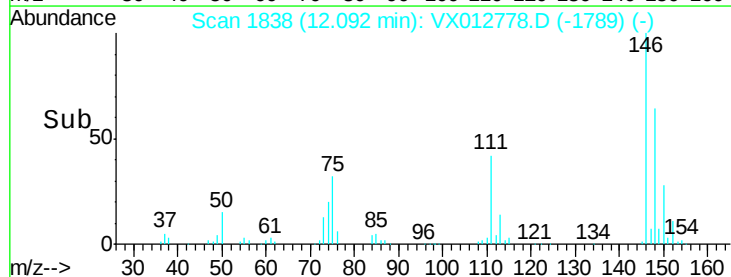
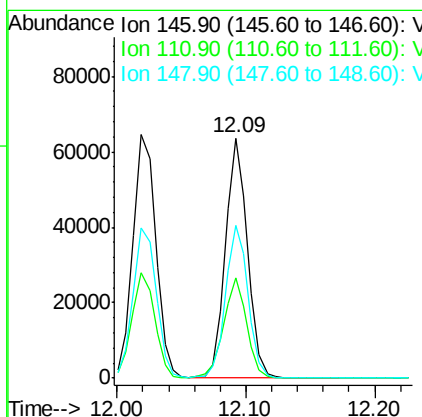
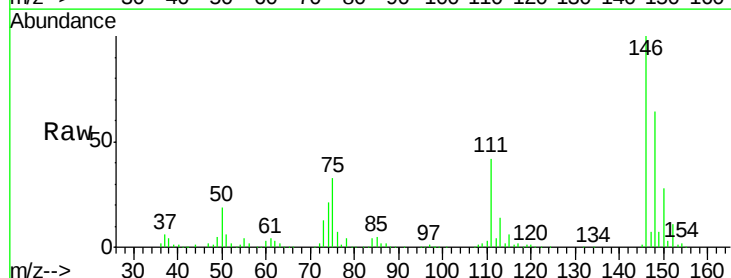
Manual Integrations
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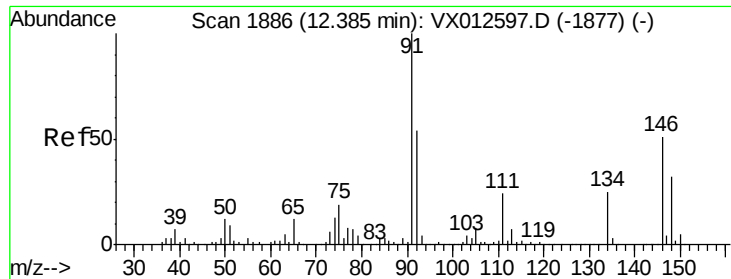
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#88
 1,4-Dichlorobenzene
 Concen: 18.991 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012778.D
 Acq: 03 Oct 2019 13:07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.9	21.1	63.3
148	64.8	32.1	96.5





#89

n-Butylbenzene

Concen: 17.748 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX012778.D

Acq: 03 Oct 2019 13:07

Instrument :

MSVOA_X

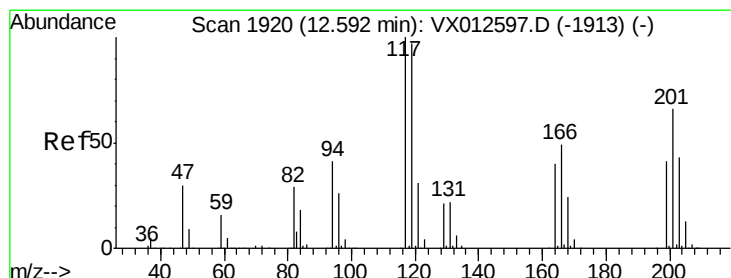
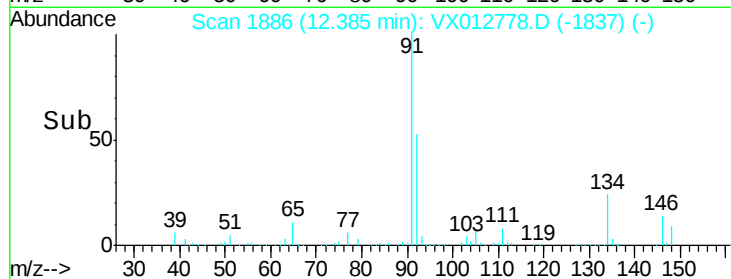
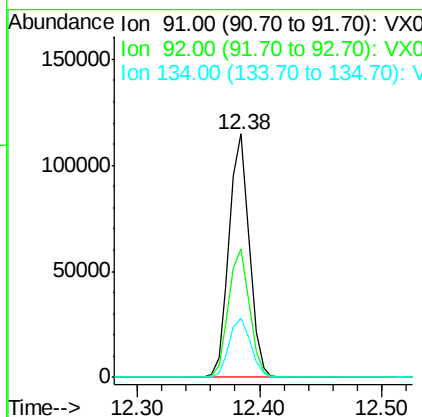
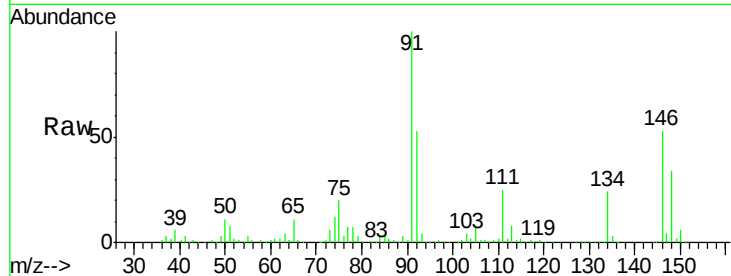
ClientSampled :

VX1003WBS01

Tot Ion:	91	Resp:	130904
Ion Ratio	Lower	Upper	
91	100		
92	55.0	27.7	83.0
134	25.6	12.9	38.6

Manual Integrations
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#90

Hexachloroethane

Concen: 16.721 ug/l

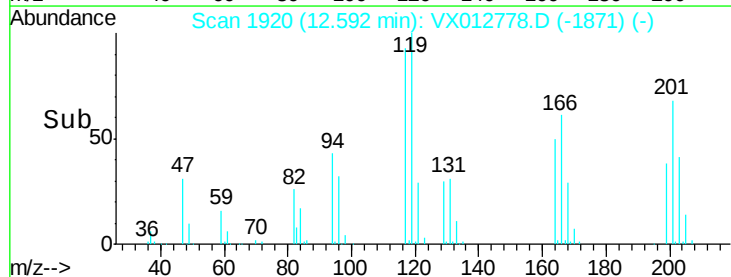
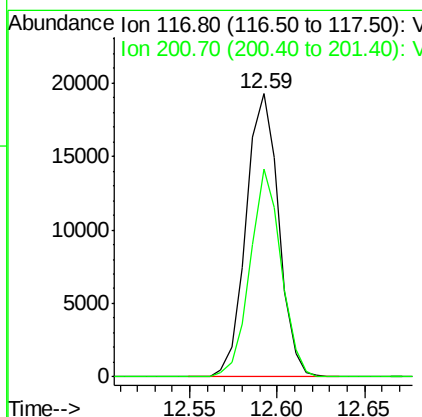
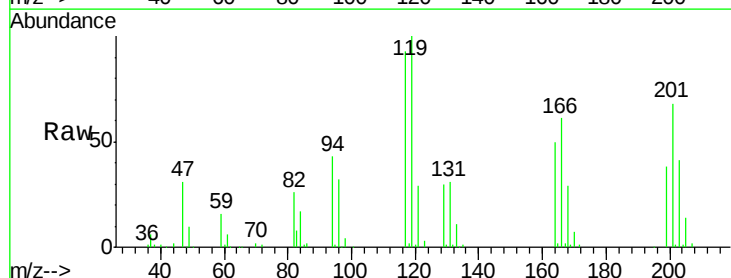
RT: 12.59 min Scan# 1920

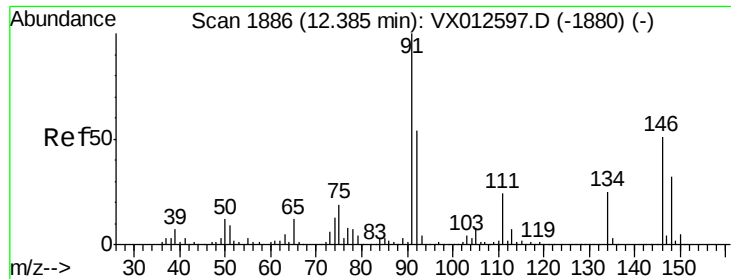
Delta R.T. -0.00 min

Lab File: VX012778.D

Acq: 03 Oct 2019 13:07

Tgt Ion:	117	Resp:	24952
Ion Ratio	Lower	Upper	
117	100		
201	70.0	33.3	99.8





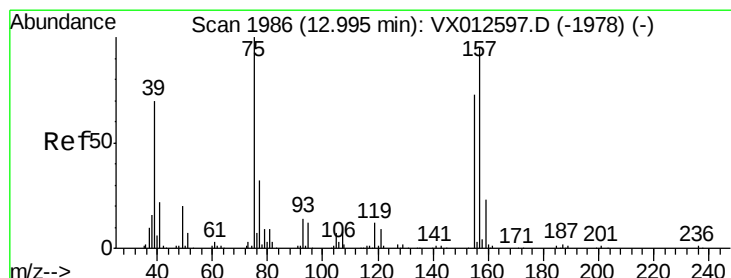
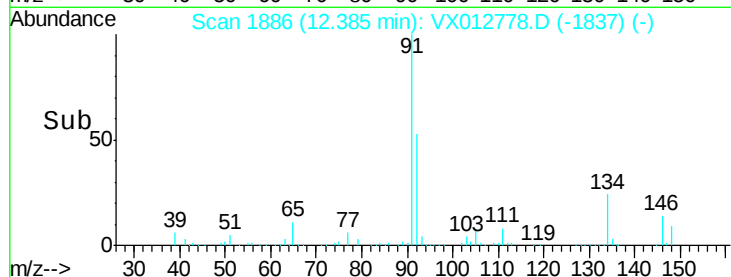
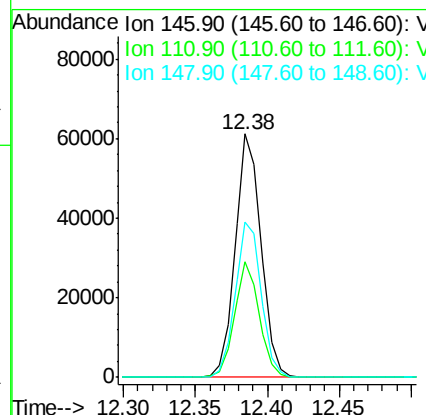
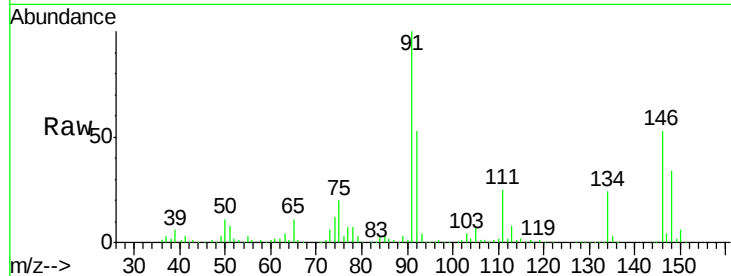
#91
 1,2-Dichlorobenzene
 Concen: 19.145 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012778.D
 Acq: 03 Oct 2019 13:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.2	22.1	66.1
148	64.3	31.3	93.9

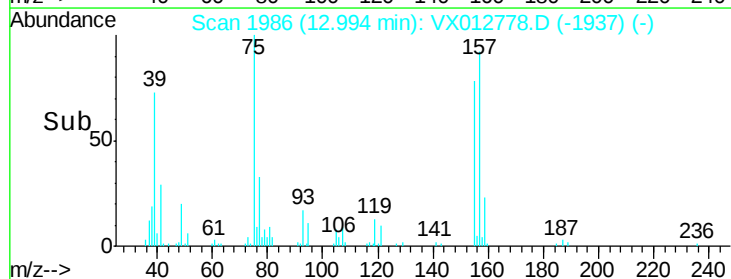
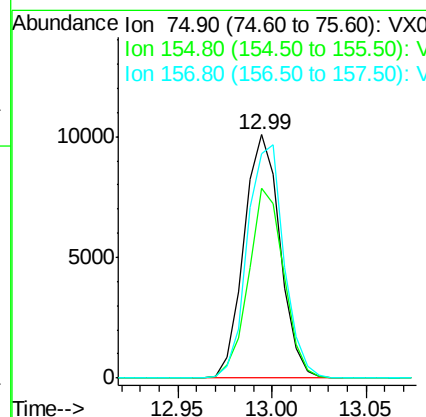
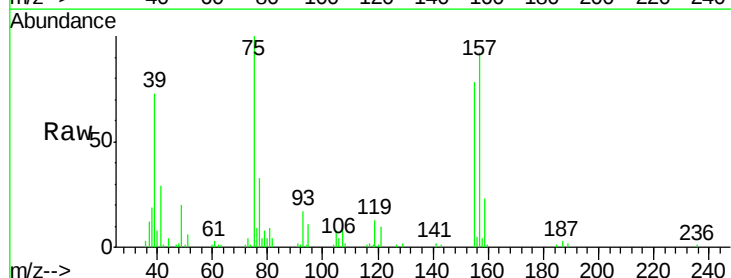
Manual Integrations
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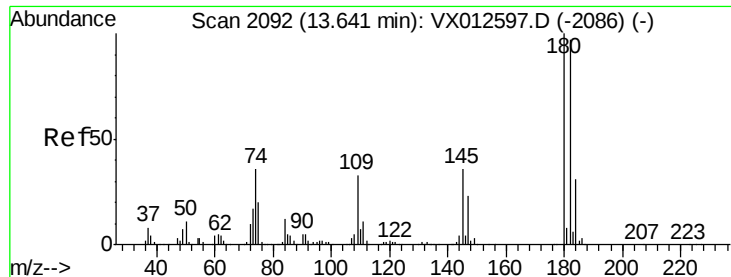
MMDadoda
 10/4/2019 9:18:18 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.394 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012778.D
 Acq: 03 Oct 2019 13:07

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.2	38.6	115.8
157	96.8	50.6	151.9





#93

1,2,4-Trichlorobenzene

Concen: 18.579 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. -0.00 min

Lab File: VX012778.D

Acq: 03 Oct 2019 13:07

Instrument :

MSVOA_X

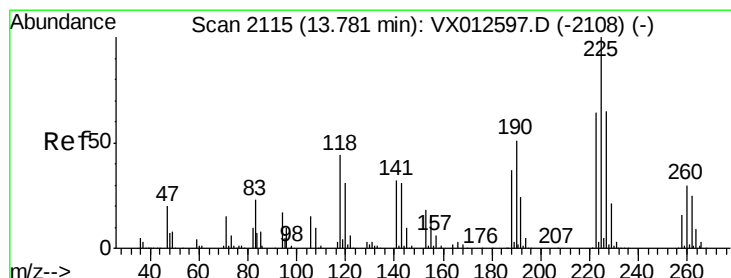
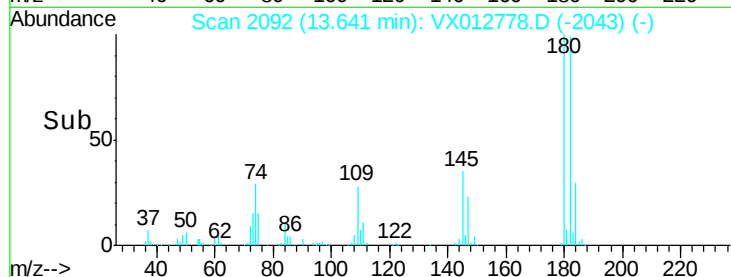
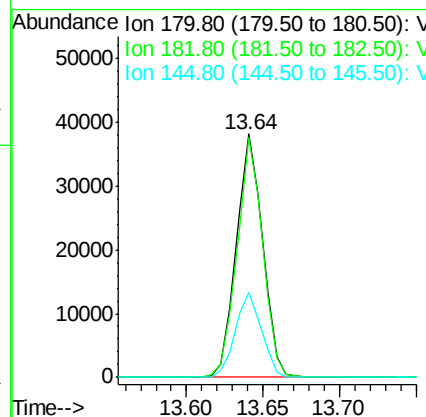
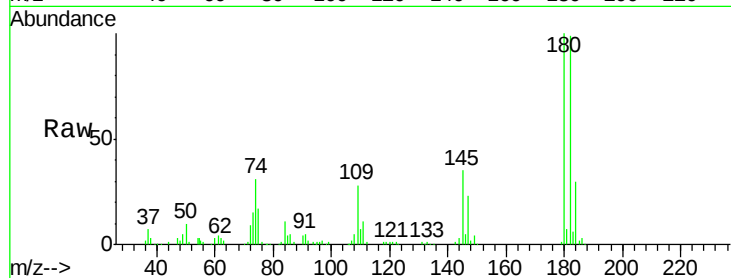
ClientSampleId :

VX1003WBS01

Tot Ion:	180	Resp:	45551
Ion Ratio	Lower	Upper	
180	100		
182	95.6	47.0	141.0
145	34.5	16.8	50.4

Manual Integrations
APPROVED

MMDadoda
10/4/2019 9:18:18 AM



#94

Hexachlorobutadiene

Concen: 19.169 ug/l

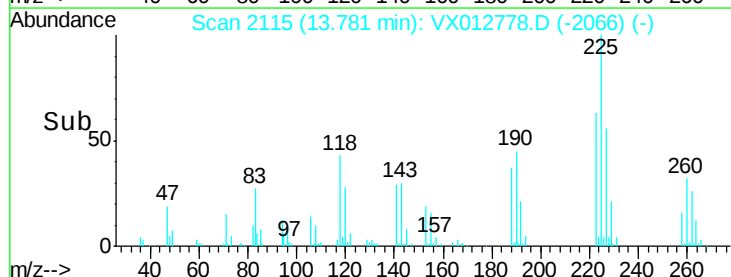
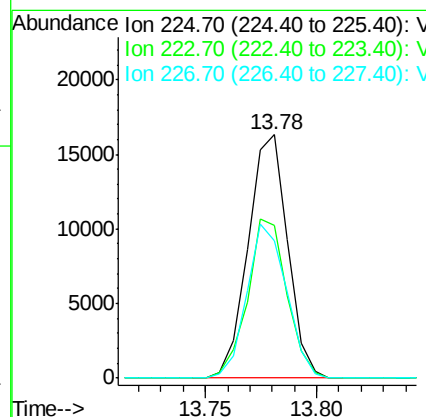
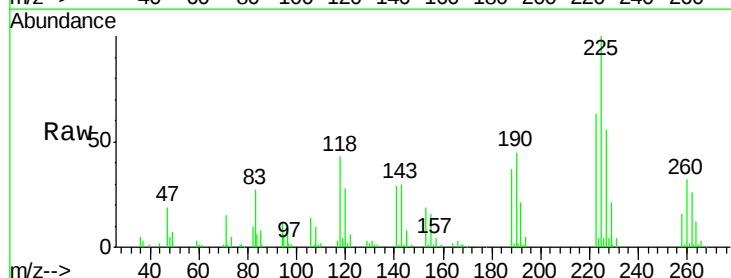
RT: 13.78 min Scan# 2115

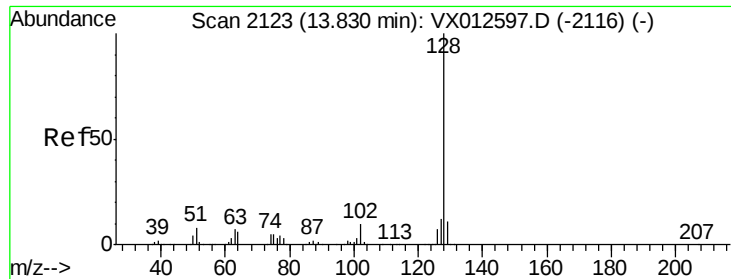
Delta R.T. -0.00 min

Lab File: VX012778.D

Acq: 03 Oct 2019 13:07

Tgt Ion:	225	Resp:	20218
Ion Ratio	Lower	Upper	
225	100		
223	65.0	32.0	96.2
227	63.1	31.9	95.5





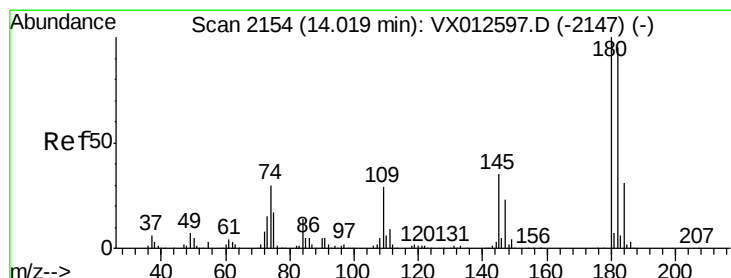
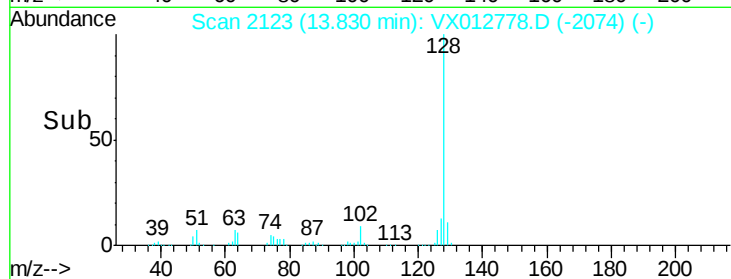
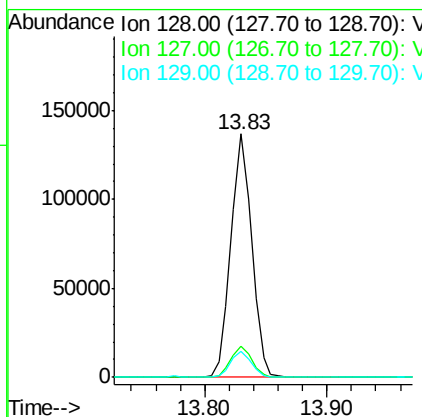
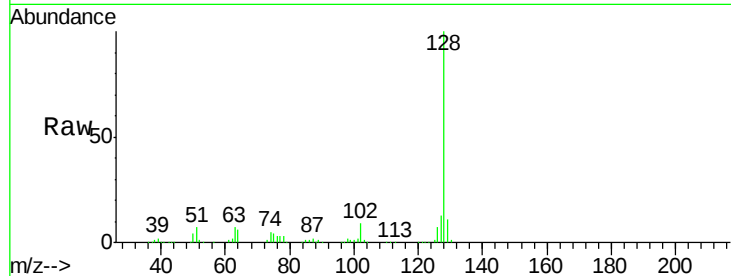
#95
Naphthalene
Concen: 18.191 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012778.D
Acq: 03 Oct 2019 13:07

Instrument :
MSVOA_X
ClientSampleId :
VX1003WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	10.7	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
10/4/2019 9:18:18 AM



#96
1,2,3-Trichlorobenzene
Concen: 18.661 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX012778.D
Acq: 03 Oct 2019 13:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.2	47.1	141.3
145	36.4	18.0	54.0

