

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041118\
 Data File : VX000778.D
 Acq On : 11 Apr 2018 15:05
 Operator : JC/MD
 Sample : VX0411WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0411WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/12/2018 10:51:25 AM

Quant Time: Apr 12 07:19:37 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	247665	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	345490	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	327681	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	218353	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	164178	52.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.14%	
35) Dibromofluoromethane	5.51	113	139297	52.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.66%	
50) Toluene-d8	8.72	98	507608	51.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.44%	
62) 4-Bromofluorobenzene	11.15	95	204111	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	60075	21.49	ug/l	98
3) Chloromethane	1.32	50	42770	17.84	ug/l	99
4) Vinyl Chloride	1.40	62	54852	20.34	ug/l	95
5) Bromomethane	1.64	94	11634	9.30	ug/l	100
6) Chloroethane	1.73	64	43529	26.64	ug/l	98
7) Trichlorofluoromethane	1.93	101	86902	21.36	ug/l	98
8) Diethyl Ether	2.19	74	32280	21.24	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	49687	20.72	ug/l	99
10) Methyl Iodide	2.51	142	10073	12.74	ug/l	97
11) Tert butyl alcohol	3.07	59	64214	115.82	ug/l	99
12) 1,1-Dichloroethene	2.38	96	47487	20.89	ug/l	97
13) Acrolein	2.30	56	24084	89.45	ug/l	97
14) Allyl chloride	2.73	41	87992	20.93	ug/l	99
15) Acrylonitrile	3.15	53	132243	111.88	ug/l	100
16) Acetone	2.45	43	121980	113.27	ug/l	99
17) Carbon Disulfide	2.57	76	137272	19.94	ug/l	99
18) Methyl Acetate	2.78	43	63243	22.69	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	165625	21.88	ug/l	99
20) Methylene Chloride	2.86	84	53007	21.16	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	51128	20.40	ug/l	98
22) Diisopropyl ether	3.88	45	172034	22.27	ug/l	99
23) Vinyl Acetate	3.83	43	768246	113.28	ug/l	98
24) 1,1-Dichloroethane	3.70	63	94749	21.86	ug/l	99
25) 2-Butanone	4.71	43	203004	114.15	ug/l	98
26) 2,2-Dichloropropane	4.59	77	87208	20.27	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	61220	21.52	ug/l	99
28) Bromochloromethane	5.03	49	36774	21.07	ug/l	99
29) Tetrahydrofuran	5.18	42	126894	112.38	ug/l	100
30) Chloroform	5.23	83	99147	21.61	ug/l	98
31) Cyclohexane	5.59	56	84081	20.43	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	93390	21.36	ug/l	100
36) 1,1-Dichloropropene	5.81	75	74606	19.61	ug/l	99
37) Ethyl Acetate	4.87	43	77512	20.87	ug/l	100
38) Carbon Tetrachloride	5.79	117	84644	19.88	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	87456	19.14	ug/l	99
40) Benzene	6.15	78	216539	20.48	ug/l	100
41) Methacrylonitrile	5.07	41	45057	21.00	ug/l	99
42) 1,2-Dichloroethane	6.21	62	81732	20.70	ug/l	99
43) Isopropyl Acetate	6.48	43	131702	20.68	ug/l	100
44) Trichloroethene	7.22	130	66939	20.36	ug/l	99
45) 1,2-Dichloropropane	7.53	63	55070	20.46	ug/l	97
46) Dibromomethane	7.67	93	37961	20.22	ug/l	99
47) Bromodichloromethane	7.91	83	77704	20.51	ug/l	98
48) Methyl methacrylate	7.79	41	68941	20.88	ug/l	99
49) 1,4-Dioxane	7.76	88	28208	425.22	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	401412	107.31	ug/l	100
52) Toluene	8.79	92	141672	20.20	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	90787	19.98	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	87504	19.78	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	56707	20.37	ug/l	98
56) Ethyl methacrylate	9.19	69	87221	20.31	ug/l	99
57) 1,3-Dichloropropane	9.38	76	92636	20.93	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	214667	106.97	ug/l	100
59) 2-Hexanone	9.51	43	307294	106.41	ug/l	100
60) Dibromochloromethane	9.59	129	66350	19.91	ug/l	99
61) 1,2-Dibromoethane	9.68	107	61802	20.92	ug/l	98
64) Tetrachloroethene	9.34	164	64491	20.13	ug/l	97
65) Chlorobenzene	10.15	112	165270	20.05	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	62061	20.00	ug/l	100
67) Ethyl Benzene	10.26	91	277401	20.18	ug/l	100
68) m/p-Xylenes	10.37	106	216849	39.98	ug/l	99
69) o-Xylene	10.71	106	106606	20.39	ug/l	99
70) Styrene	10.72	104	176885	20.07	ug/l	100
71) Bromoform	10.87	173	55810	19.43	ug/l #	99
73) Isopropylbenzene	11.02	105	284602	20.55	ug/l	100
74) N-amyl acetate	6.48	43	131702	21.11	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	83680	20.82	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	80432m	21.36	ug/l	
77) Bromobenzene	11.26	156	82431	20.31	ug/l	99
78) n-propylbenzene	11.37	91	321355	20.28	ug/l	100
79) 2-Chlorotoluene	11.43	91	191085	20.41	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	242733	20.38	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	24202	17.68	ug/l	95
82) 4-Chlorotoluene	11.52	91	228721	20.23	ug/l	99
83) tert-Butylbenzene	11.78	119	252580	20.72	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	249871	20.32	ug/l	100
85) sec-Butylbenzene	11.95	105	292272	20.33	ug/l	100
86) p-Isopropyltoluene	12.07	119	269922	20.13	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	151972	20.23	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	153020	19.87	ug/l	99
89) n-Butylbenzene	12.40	91	234161	19.79	ug/l	100
90) Hexachloroethane	12.60	117	41976	18.50	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	147918	20.39	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	20312	20.17	ug/l	97

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ClientSampleId :
VX0411WBS01

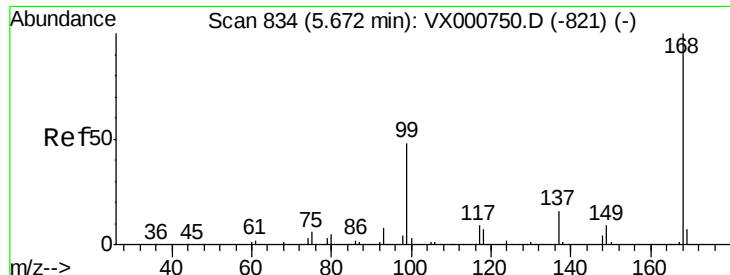
Manual Integrations
APPROVED

MMDadoda
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Quant Title : SW846 8260
QLast Update : Tue Apr 10 15:49:28 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	123355	19.93	ug/l	99
94) Hexachlorobutadiene	13.79	225	60224	19.79	ug/l	98
95) Naphthalene	13.84	128	333577	21.00	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	122501	20.38	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX000778.D

Acq: 11 Apr 2018 15:05

Instrument :

MSVOA_X

ClientSampled :

VX0411WBS01

Tot Ion:168 Resp: 247665

Ion Ratio Lower Upper

168 100

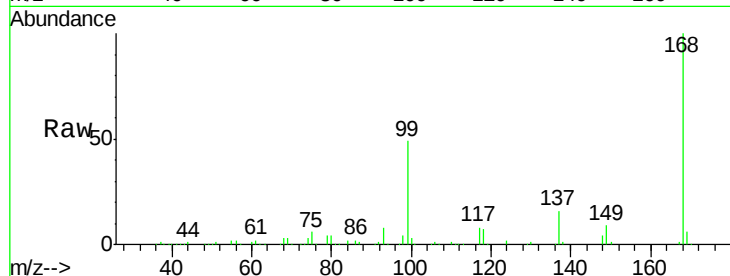
99 49.1 38.3 57.5

Manual Integrations

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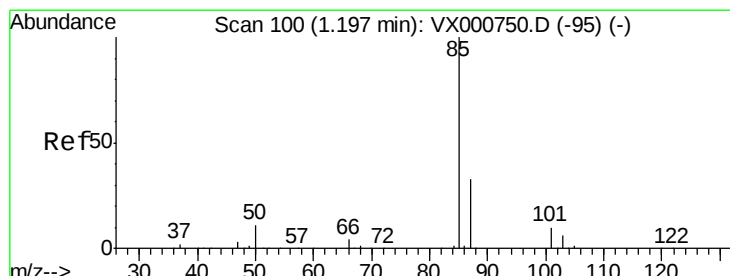
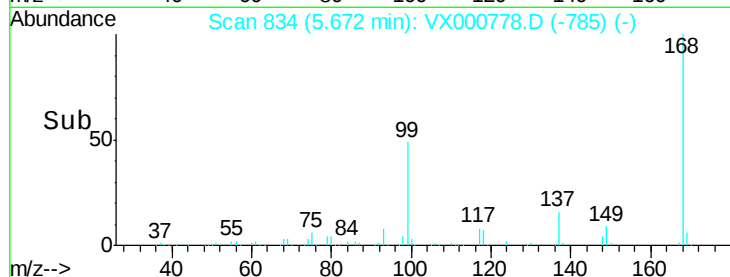
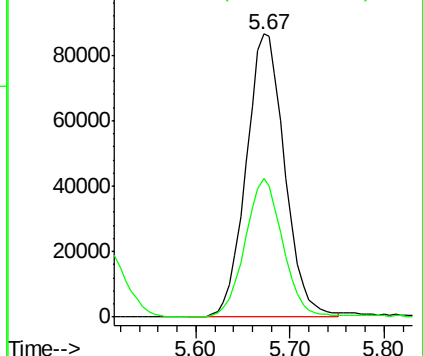
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 21.49 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000778.D

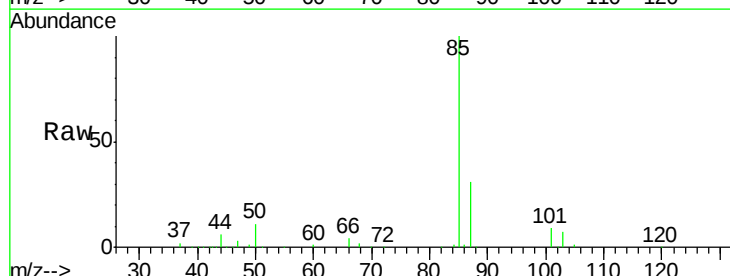
Acq: 11 Apr 2018 15:05

Tgt Ion: 85 Resp: 60075

Ion Ratio Lower Upper

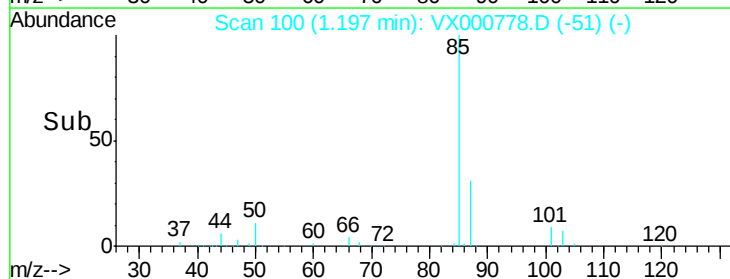
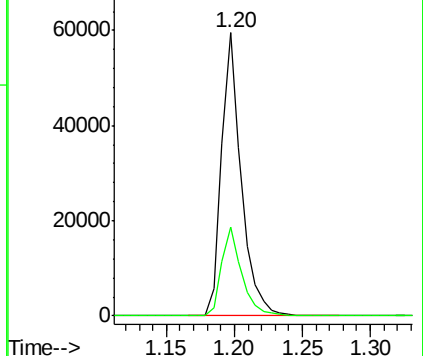
85 100

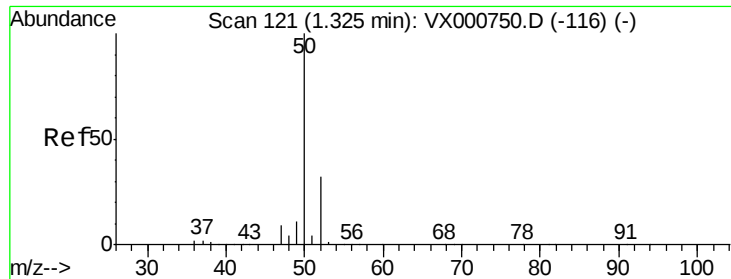
87 31.2 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 17.84 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000778.D

Acq: 11 Apr 2018 15:05

Instrument :

MSVOA_X

ClientSampleId :

VX0411WBS01

Tot Ion: 50 Resp: 42770

Ion Ratio Lower Upper

50 100

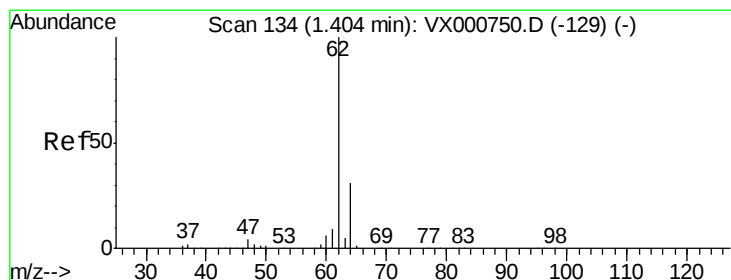
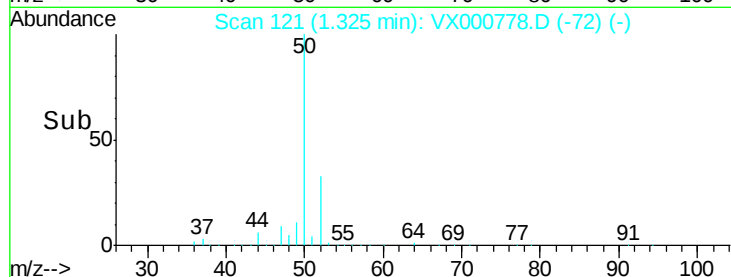
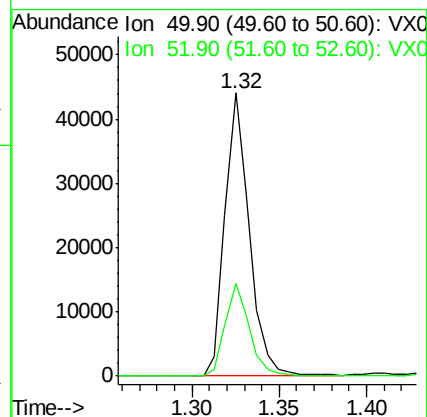
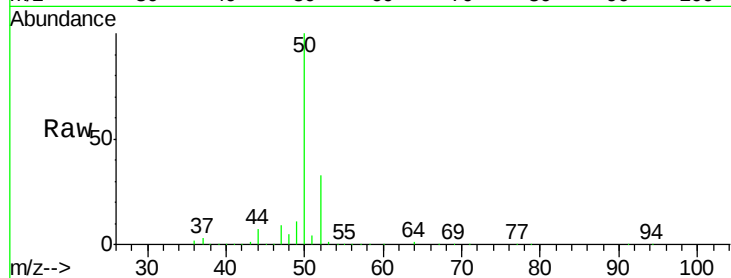
52 32.7 25.8 38.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.34 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX000778.D

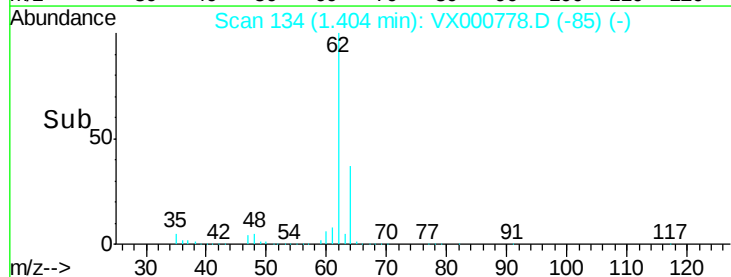
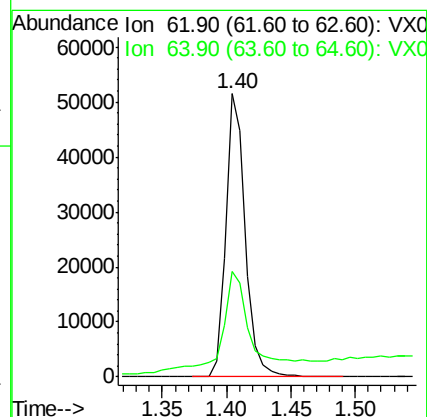
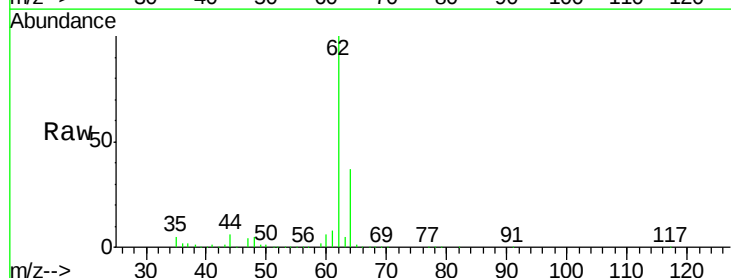
Acq: 11 Apr 2018 15:05

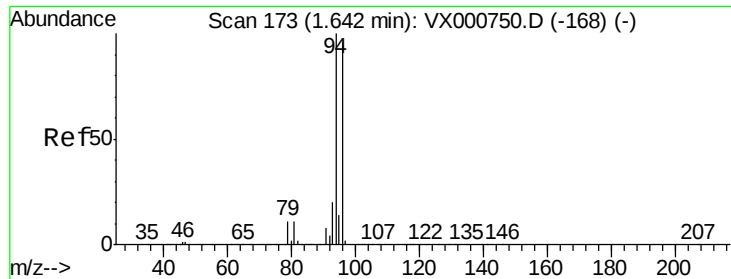
Tgt Ion: 62 Resp: 54852

Ion Ratio Lower Upper

62 100

64 33.4 24.6 36.8





#5

Bromomethane

Concen: 9.30 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000778.D

Acq: 11 Apr 2018 15:05

Instrument :

MSVOA_X

ClientSampled :

VX0411WBS01

Tot Ion: 94 Resp: 11634

Ion Ratio Lower Upper

94 100

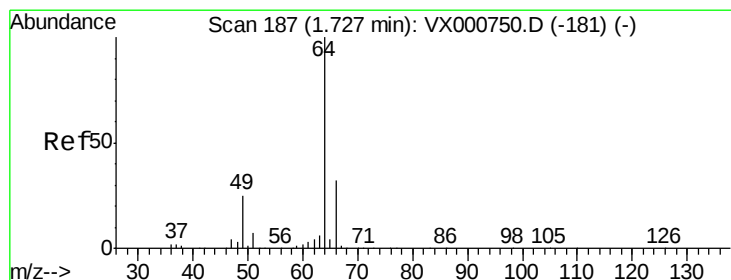
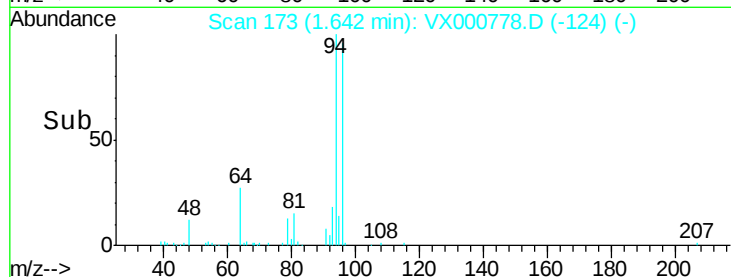
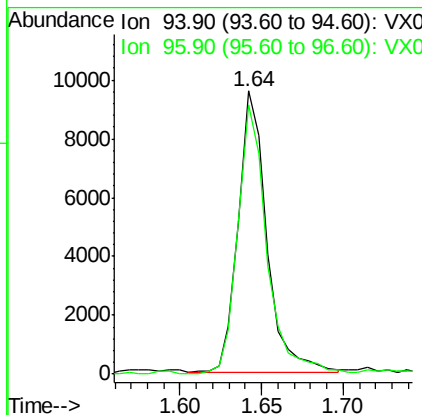
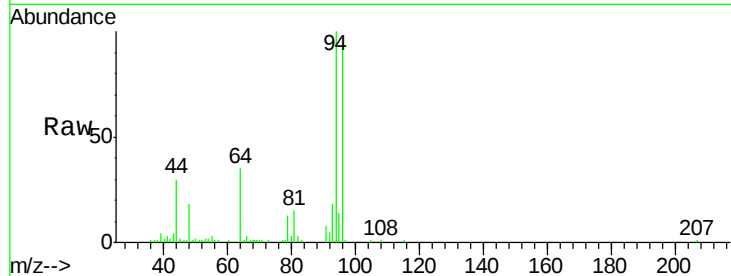
96 95.8 77.0 115.6

Manual Integrations

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#6

Chloroethane

Concen: 26.64 ug/l

RT: 1.73 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX000778.D

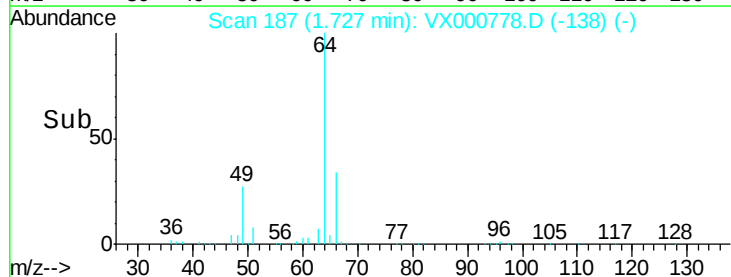
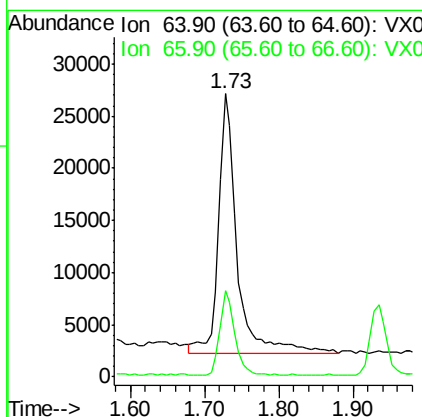
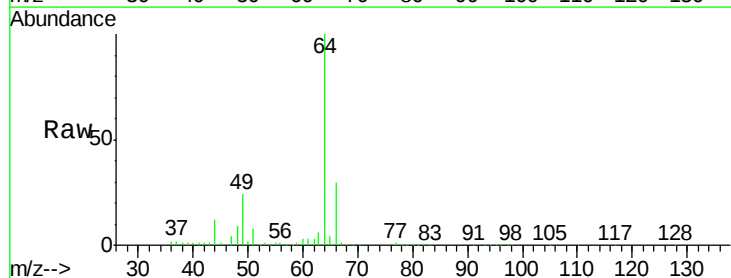
Acq: 11 Apr 2018 15:05

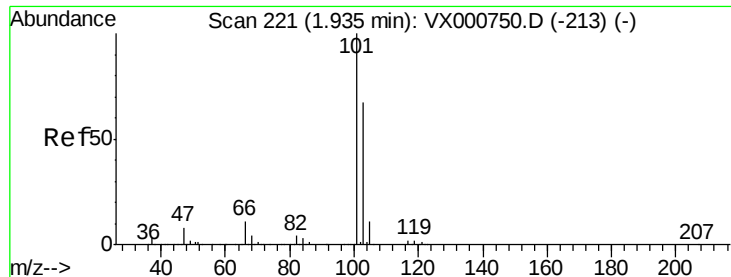
Tgt Ion: 64 Resp: 43529

Ion Ratio Lower Upper

64 100

66 32.4 25.3 37.9





#7

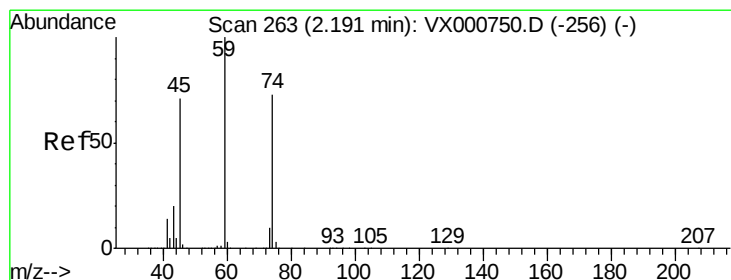
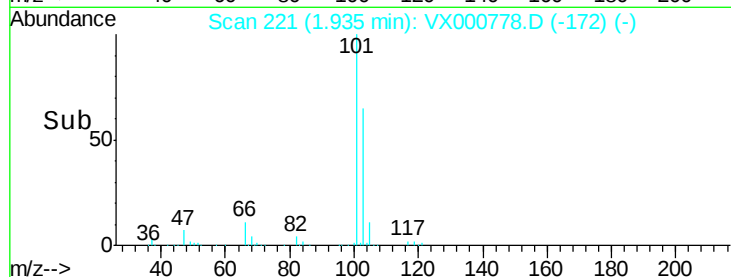
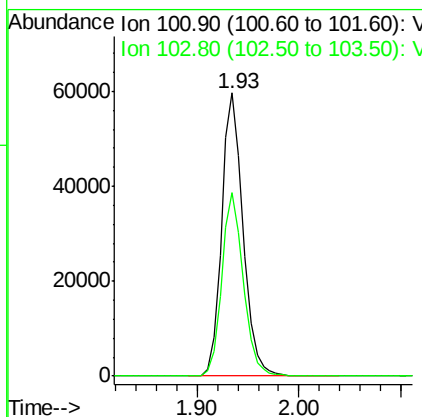
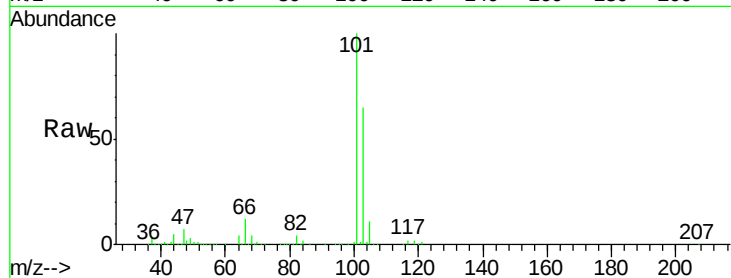
Trichlorofluoromethane
 Concen: 21.36 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VX000778.D
 Acq: 11 Apr 2018 15:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0411WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.9	53.2	79.8

Manual Integrations
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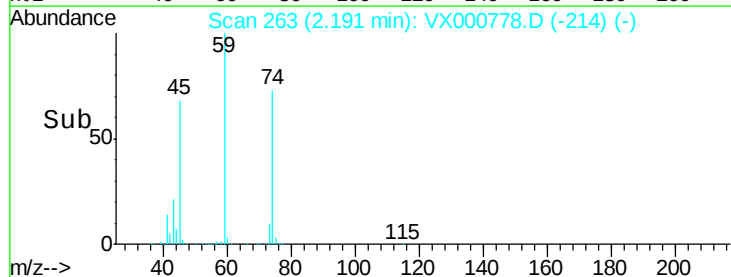
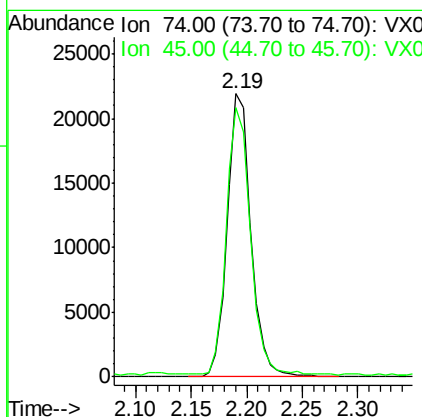
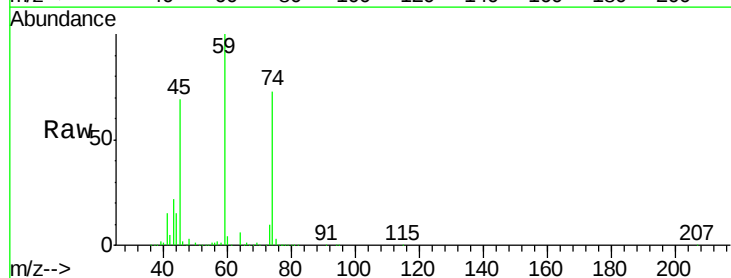
MMDadoda
 4/12/2018 10:51:25 AM

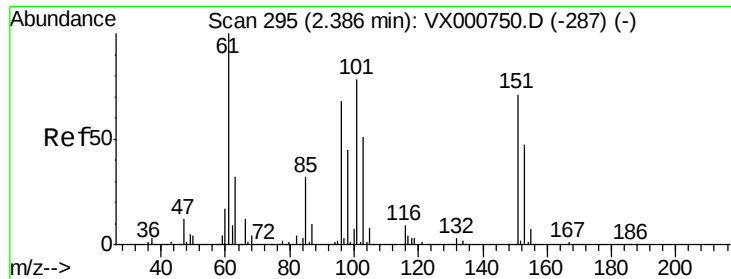


#8

Diethyl Ether
 Concen: 21.24 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX000778.D
 Acq: 11 Apr 2018 15:05

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.5	48.6	145.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.72 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX000778.D

Acq: 11 Apr 2018 15:05

Instrument :

MSVOA_X

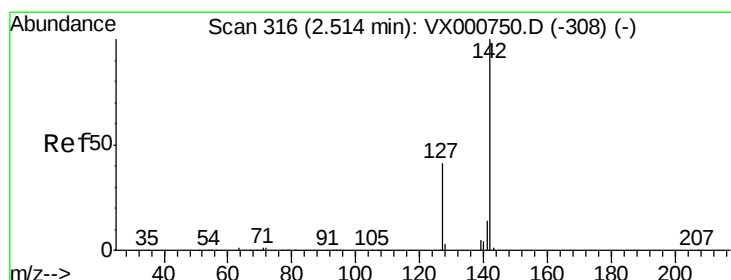
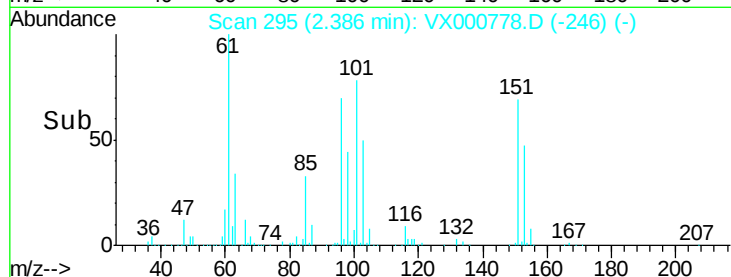
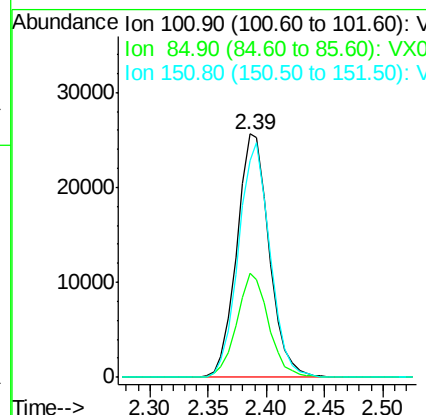
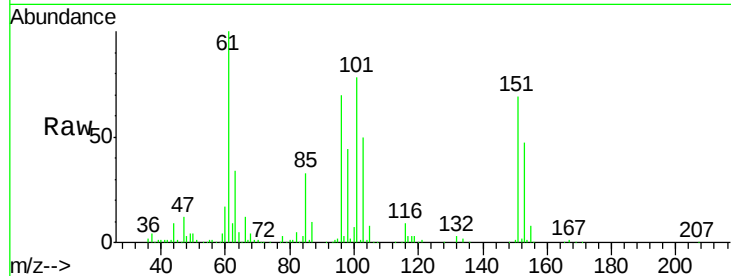
ClientSampleId :

VX0411WBS01

Tot Ion:	101	Resp:	49687
Ion Ratio	Lower	Upper	
101	100		
85	42.3	34.0	51.0
151	93.7	75.8	113.8

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#10

Methyl Iodide

Concen: 12.74 ug/l

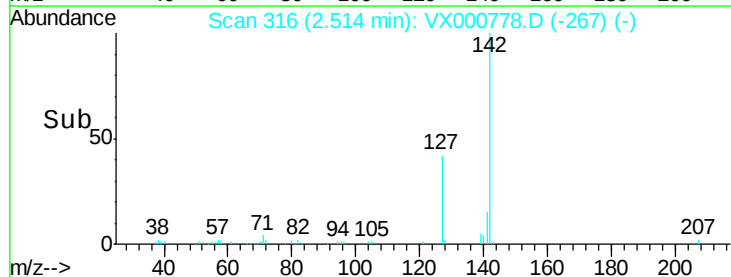
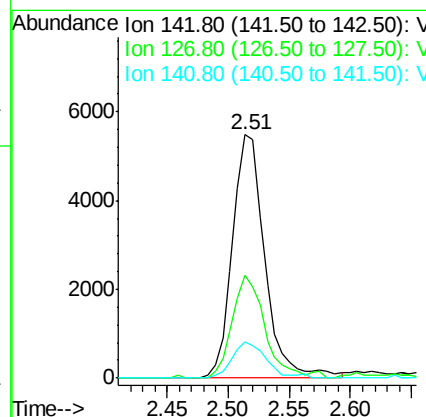
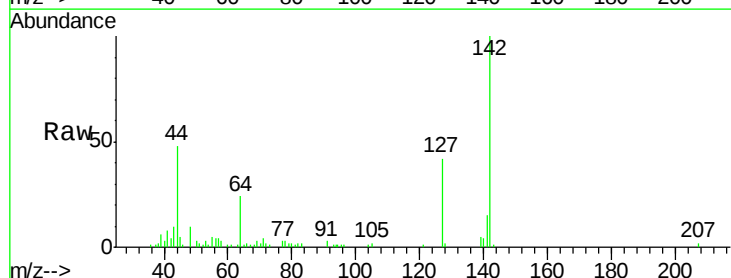
RT: 2.51 min Scan# 316

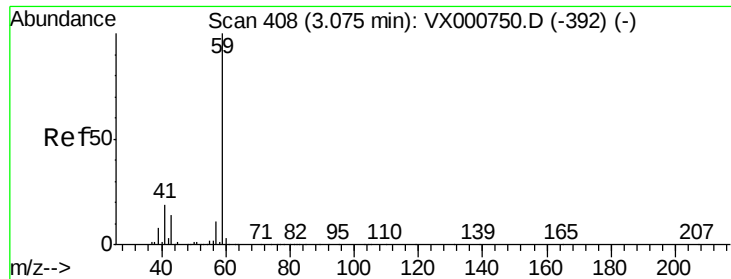
Delta R.T. 0.00 min

Lab File: VX000778.D

Acq: 11 Apr 2018 15:05

Tgt Ion:	142	Resp:	10073
Ion Ratio	Lower	Upper	
142	100		
127	42.6	32.6	49.0
141	15.6	11.5	17.3





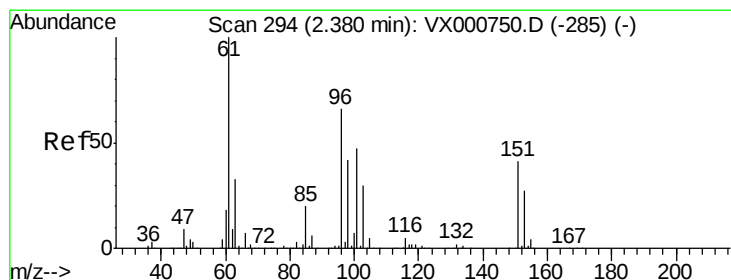
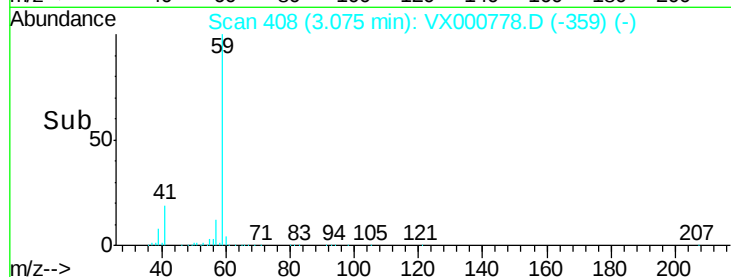
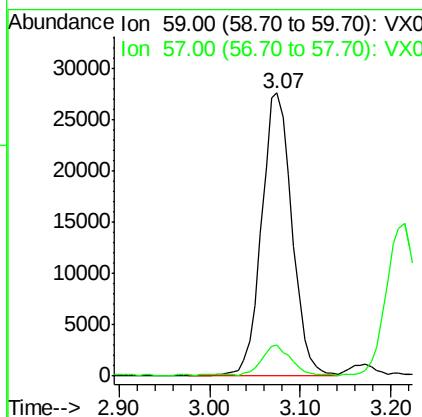
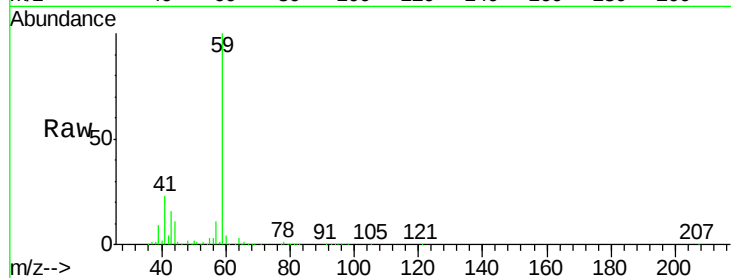
#11
Tert butyl alcohol
Concen: 115.82 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.00 min
Lab File: VX000778.D
Acq: 11 Apr 2018 15:05

Instrument :
MSVOA_X
ClientSampleId :
VX0411WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	64214		
57	57	10.0		8.4	12.6

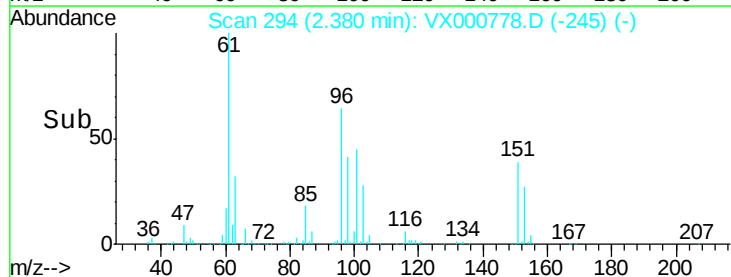
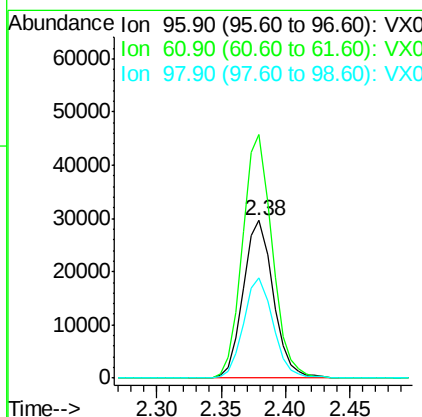
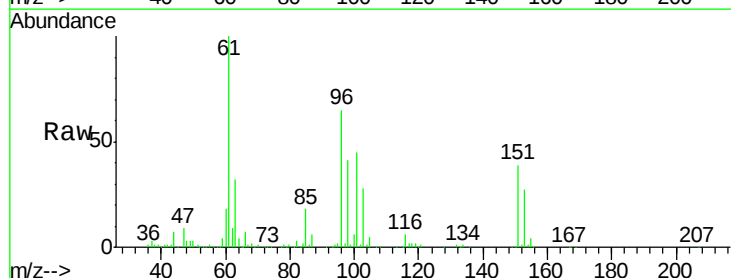
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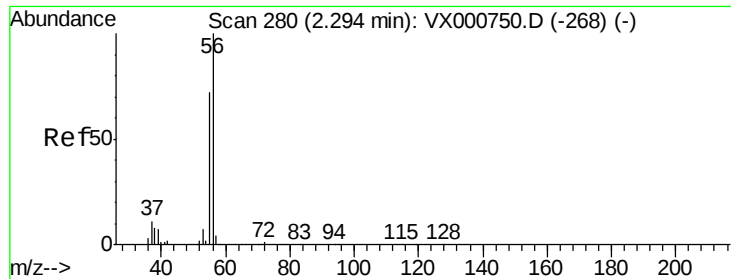
MMDadoda
4/12/2018 10:51:25 AM



#12
1,1-Dichloroethene
Concen: 20.89 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000778.D
Acq: 11 Apr 2018 15:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	47487		
61	61	155.0		120.5	180.7
98	98	63.1		50.9	76.3





#13

Acrolein

Concen: 89.45 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX000778.D

Acq: 11 Apr 2018 15:05

Instrument :

MSVOA_X

ClientSampleId :

VX0411WBS01

Tot Ion: 56 Resp: 24084

Ion Ratio Lower Upper

56 100

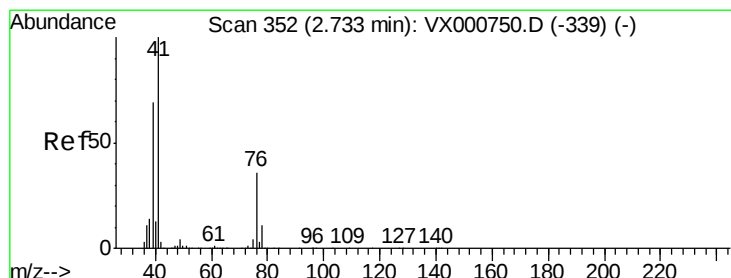
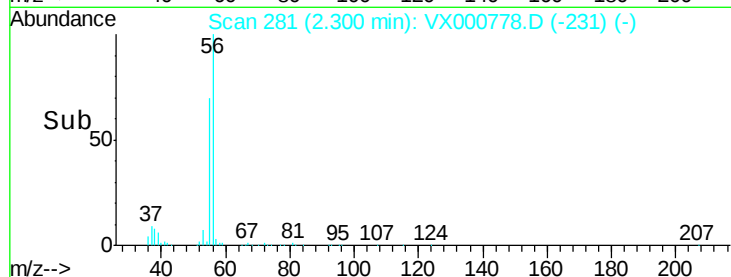
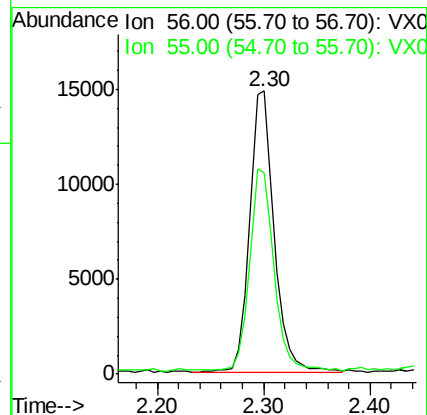
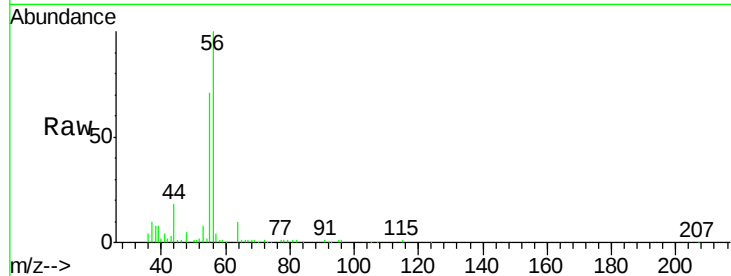
55 70.6 58.7 88.1

Manual Integrations

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#14

Allyl chloride

Concen: 20.93 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000778.D

Acq: 11 Apr 2018 15:05

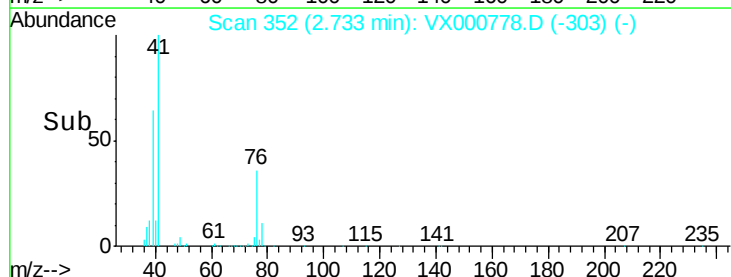
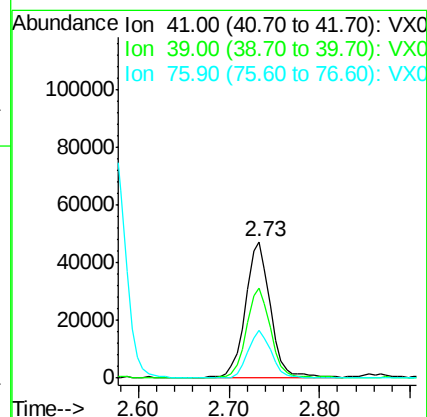
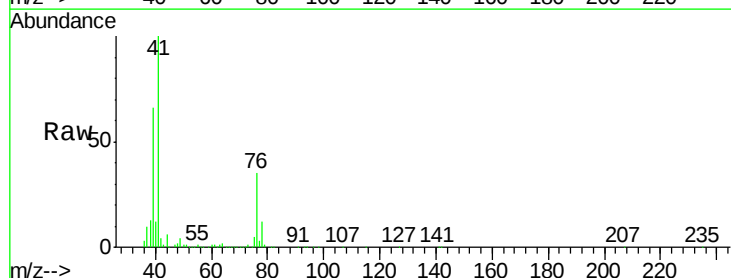
Tgt Ion: 41 Resp: 87992

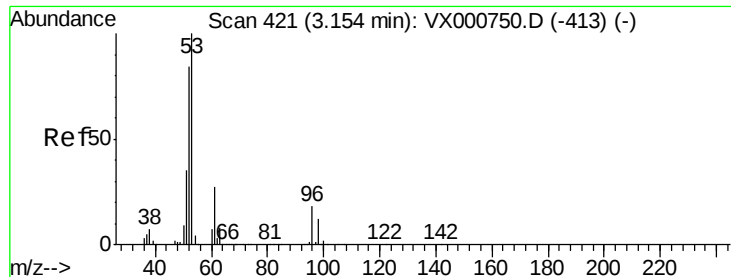
Ion Ratio Lower Upper

41 100

39 63.9 51.5 77.3

76 32.5 26.5 39.7





#15

Acrylonitrile

Concen: 111.88 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX000778.D

Acq: 11 Apr 2018 15:05

Instrument :

MSVOA_X

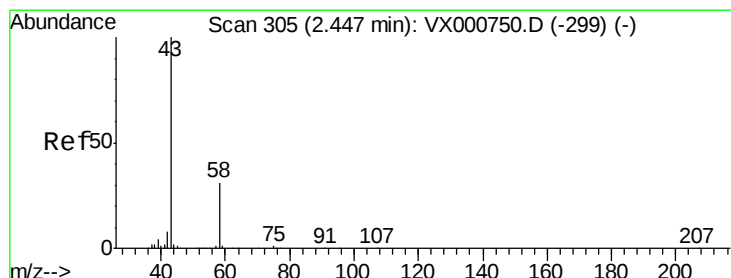
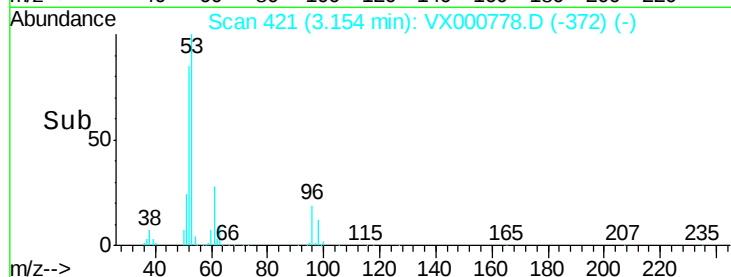
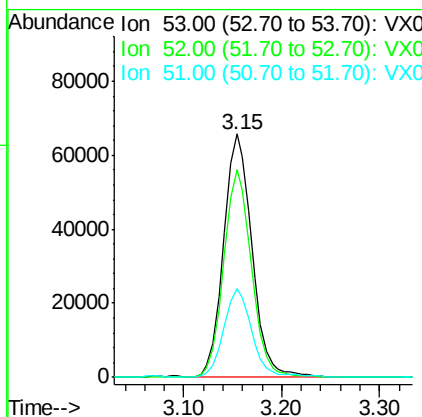
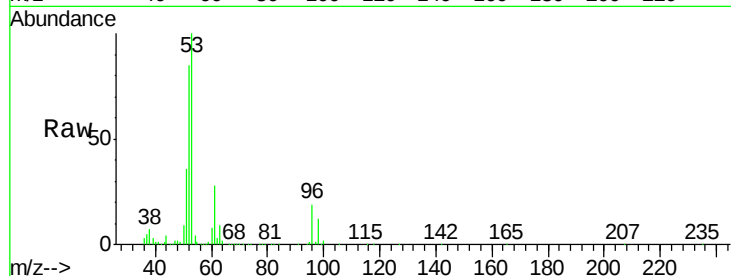
ClientSampleId :

VX0411WBS01

Tot Ion:	53	Resp:	132243
Ion Ratio		Lower	Upper
53	100		
52	83.0	66.5	99.7
51	35.9	28.8	43.2

Manual Integrations
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#16

Acetone

Concen: 113.27 ug/l

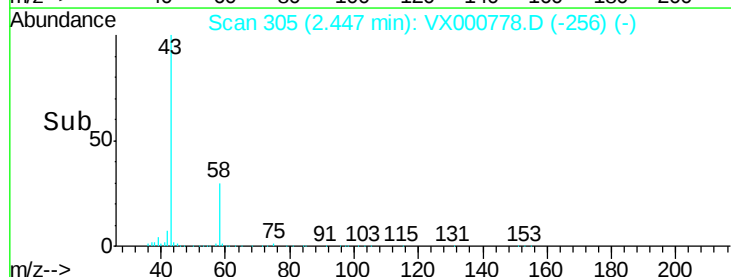
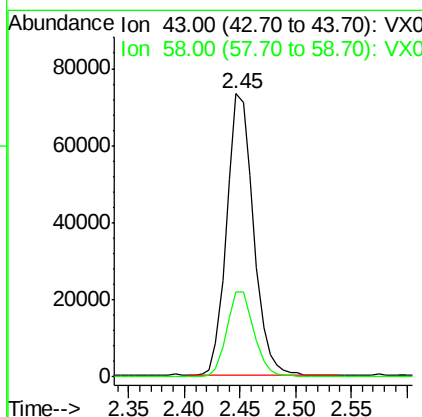
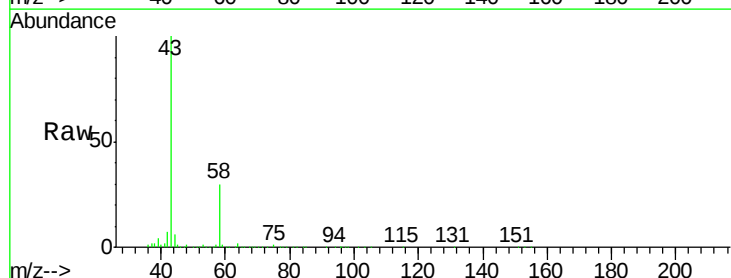
RT: 2.45 min Scan# 305

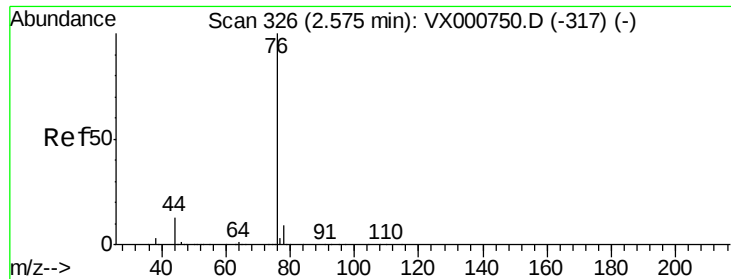
Delta R.T. -0.00 min

Lab File: VX000778.D

Acq: 11 Apr 2018 15:05

Tgt Ion:	43	Resp:	121980
Ion Ratio		Lower	Upper
43	100		
58	30.0	24.6	37.0





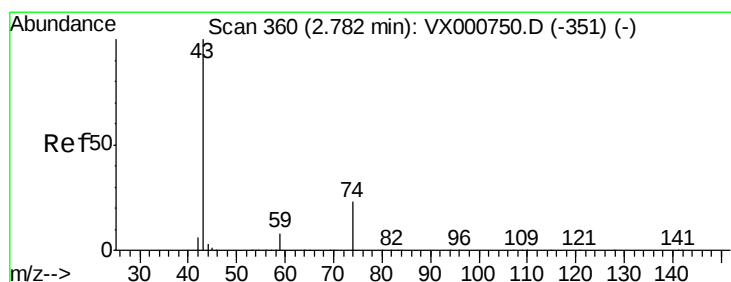
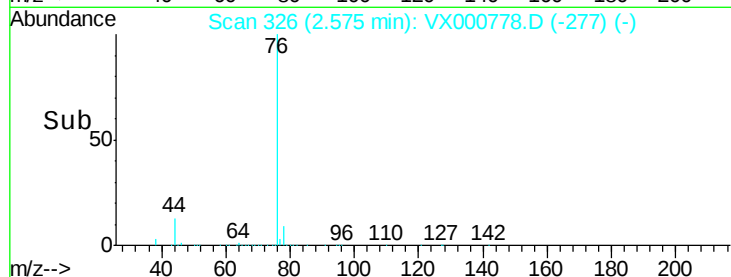
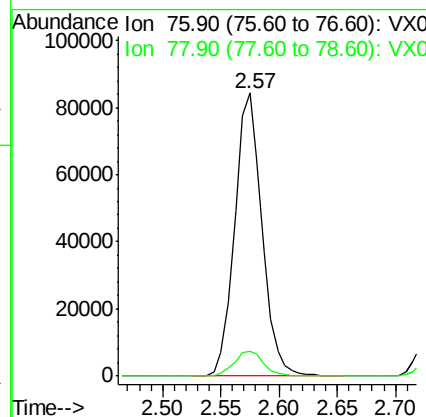
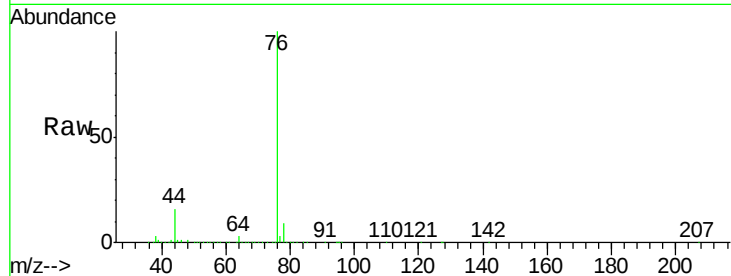
#17
Carbon Disulfide
Concen: 19.94 ug/l
RT: 2.57 min Scan# 326
Delta R.T. -0.00 min
Lab File: VX000778.D
Acq: 11 Apr 2018 15:05

Instrument :
MSVOA_X
ClientSampleId :
VX0411WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.4	11.2

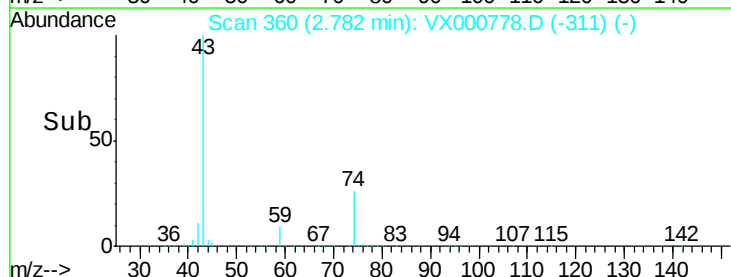
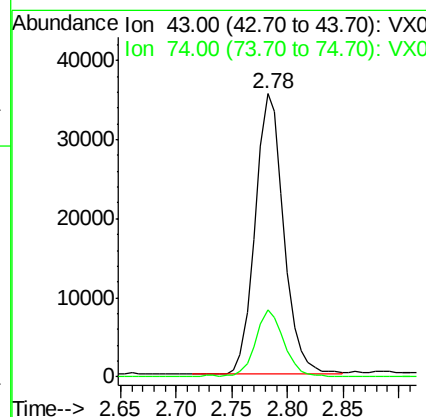
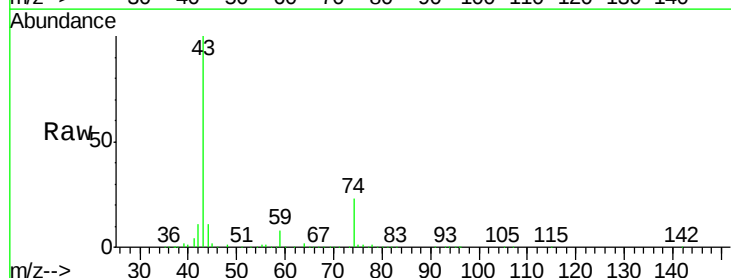
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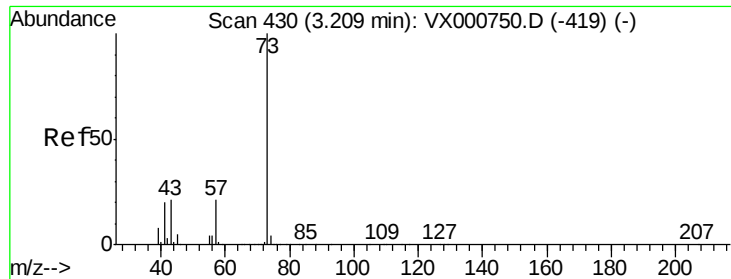
MMDadoda
4/12/2018 10:51:25 AM



#18
Methyl Acetate
Concen: 22.69 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX000778.D
Acq: 11 Apr 2018 15:05

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.3	19.1	28.7





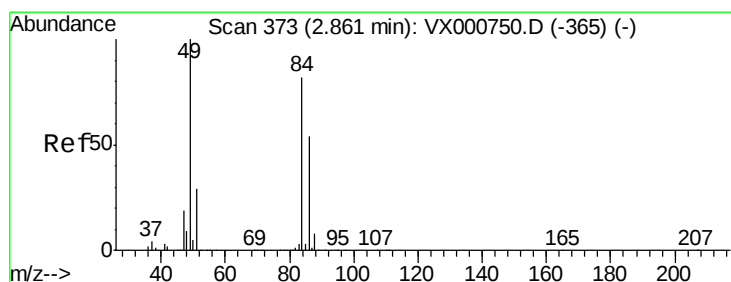
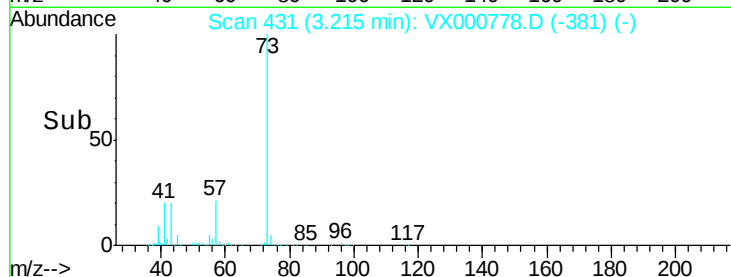
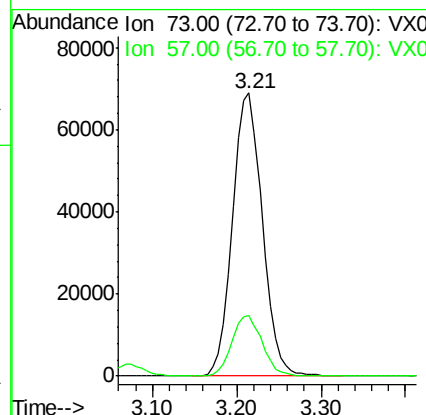
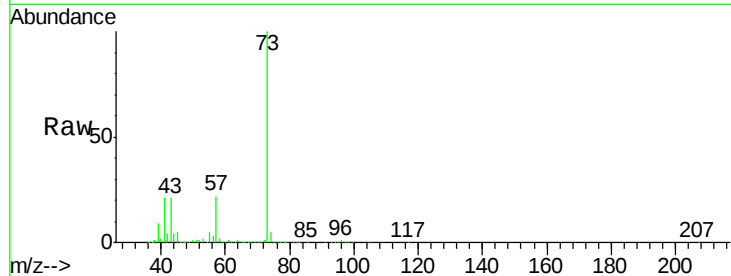
#19
Methyl tert-butyl Ether
Concen: 21.88 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.01 min
Lab File: VX000778.D
Acq: 11 Apr 2018 15:05

Instrument :
MSVOA_X
ClientSampleId :
VX0411WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.4	16.9	25.3

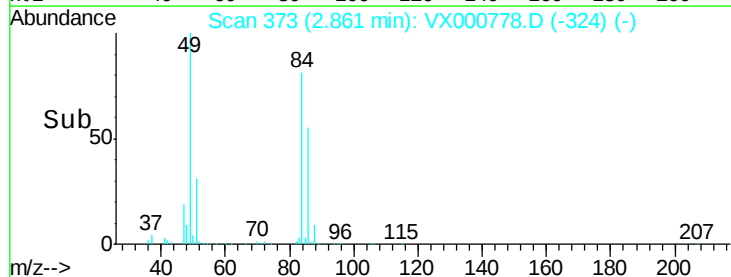
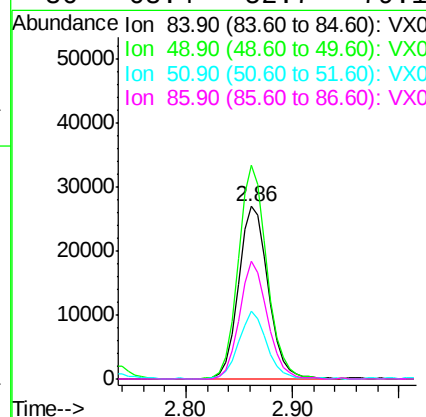
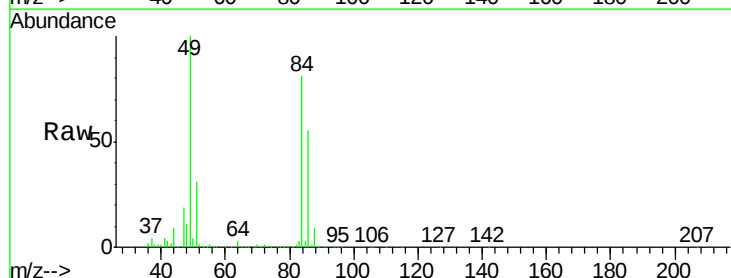
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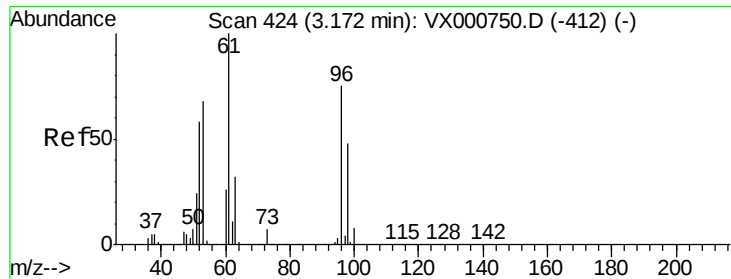
MMDadoda
4/12/2018 10:51:25 AM



#20
Methylene Chloride
Concen: 21.16 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX000778.D
Acq: 11 Apr 2018 15:05

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.8	98.1	147.1
51	38.8	28.9	43.3
86	68.4	52.7	79.1





#21

trans-1,2-Dichloroethene

Concen: 20.40 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000778.D

Acq: 11 Apr 2018 15:05

Instrument :

MSVOA_X

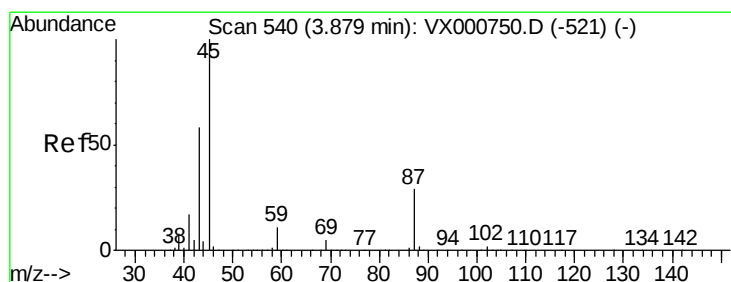
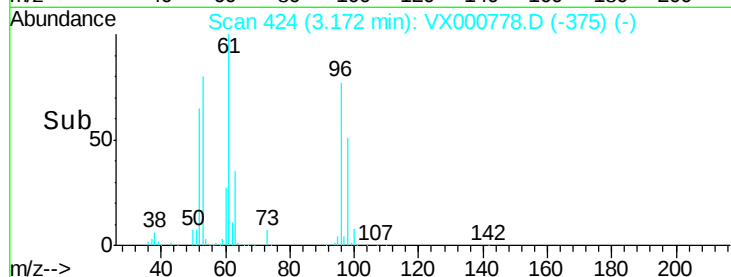
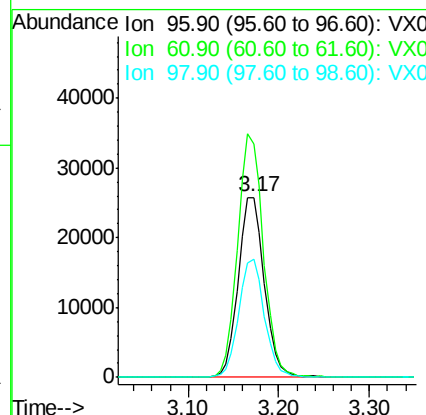
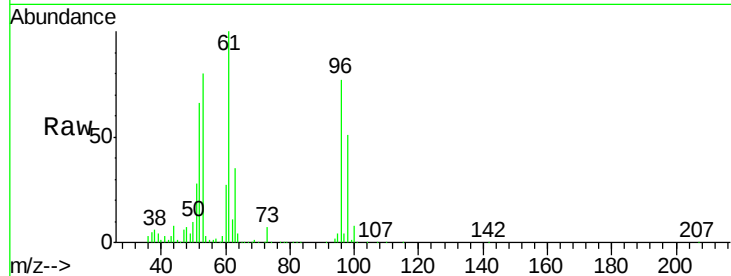
ClientSampleId :

VX0411WBS01

Tot Ion:	96	Resp:	51128
Ion	Ratio	Lower	Upper
96	100		
61	130.5	106.2	159.2
98	66.2	51.2	76.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 22.27 ug/l

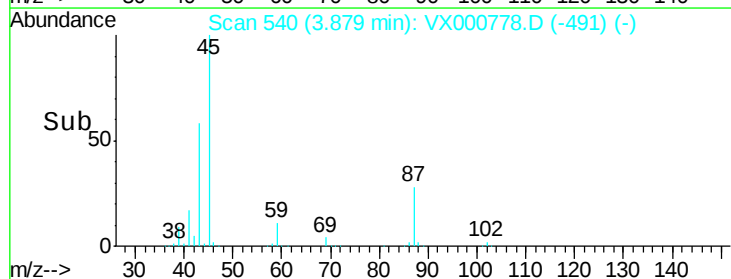
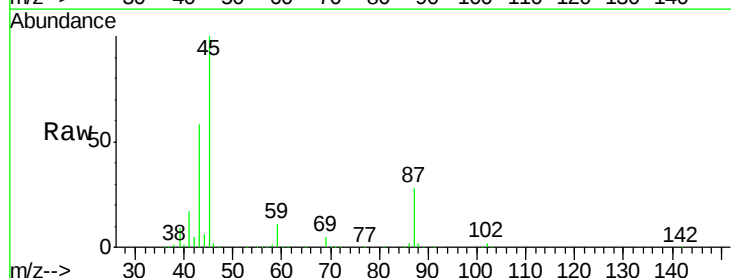
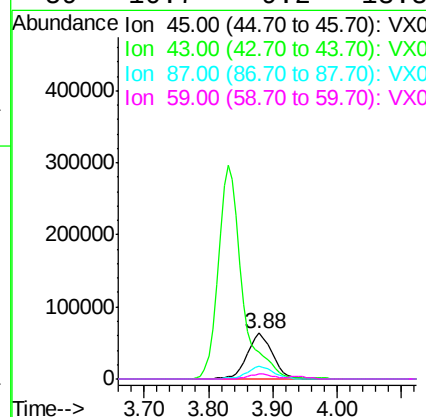
RT: 3.88 min Scan# 540

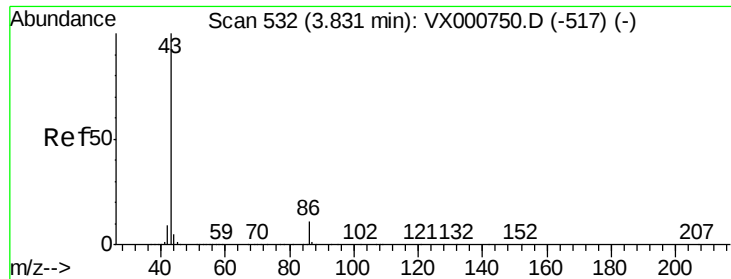
Delta R.T. -0.00 min

Lab File: VX000778.D

Acq: 11 Apr 2018 15:05

Tgt Ion:	45	Resp:	172034
Ion	Ratio	Lower	Upper
45	100		
43	57.5	46.6	69.8
87	28.0	22.9	34.3
59	10.7	9.2	13.8





#23

Vinyl Acetate

Concen: 113.28 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX000778.D

Acq: 11 Apr 2018 15:05

Instrument :

MSVOA_X

ClientSampleId :

VX0411WBS01

Tot Ion: 43 Resp: 768246

Ion Ratio Lower Upper

43 100

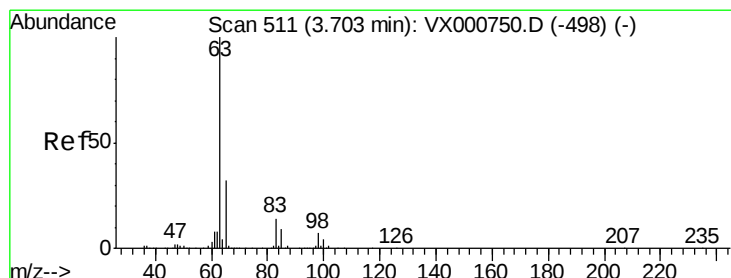
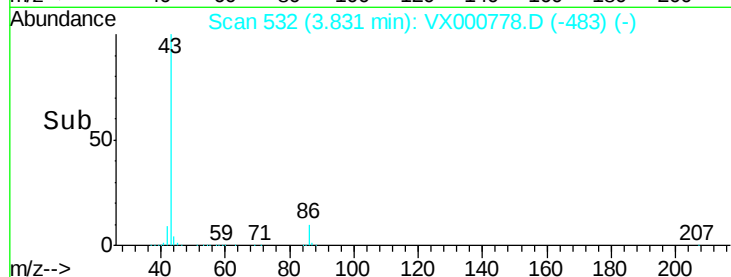
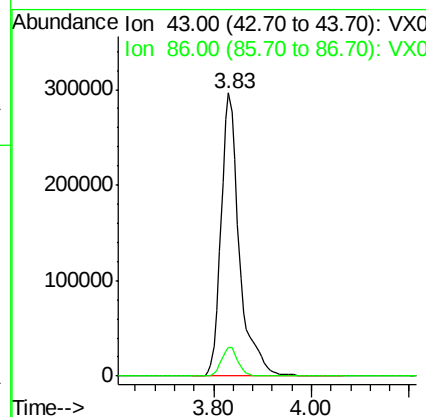
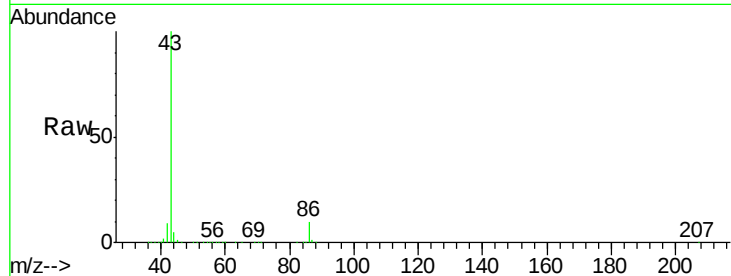
86 9.9 8.6 12.8

Manual Integrations

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MMDadoda

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#24

1,1-Dichloroethane

Concen: 21.86 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX000778.D

Acq: 11 Apr 2018 15:05

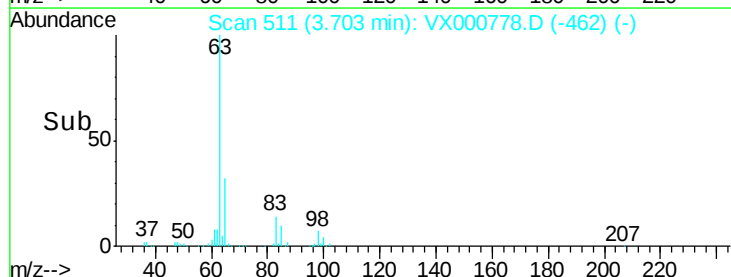
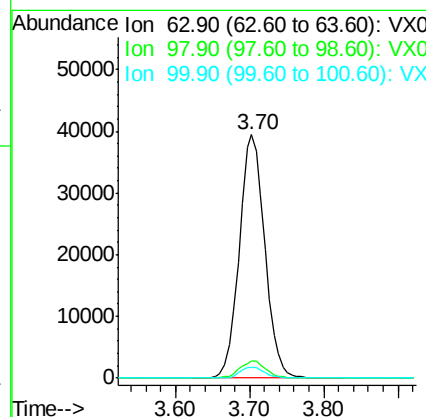
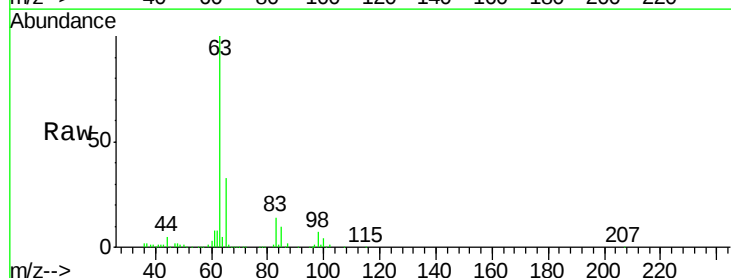
Tgt Ion: 63 Resp: 94749

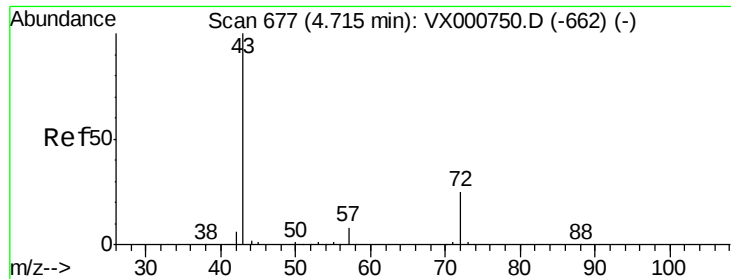
Ion Ratio Lower Upper

63 100

98 6.9 3.3 9.9

100 4.2 2.1 6.3





#25

2-Butanone

Concen: 114.15 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX000778.D

Acq: 11 Apr 2018 15:05

Instrument :

MSVOA_X

ClientSampleId :

VX0411WBS01

Tot Ion: 43 Resp: 203004

Ion Ratio Lower Upper

43 100

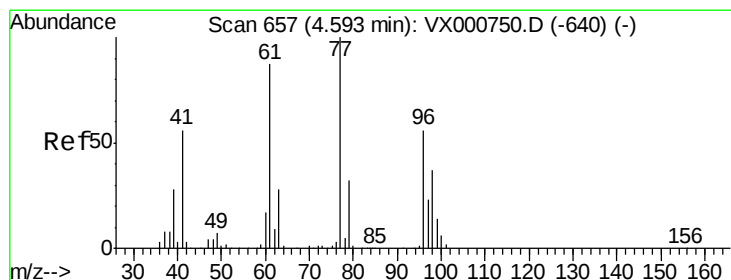
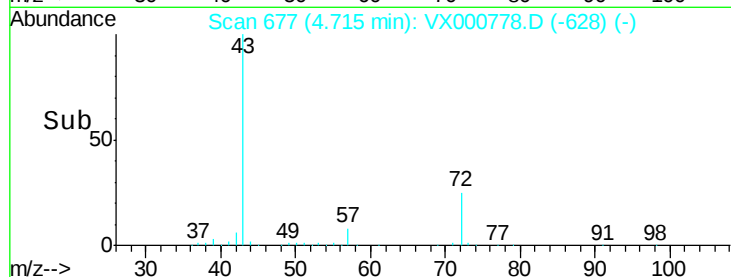
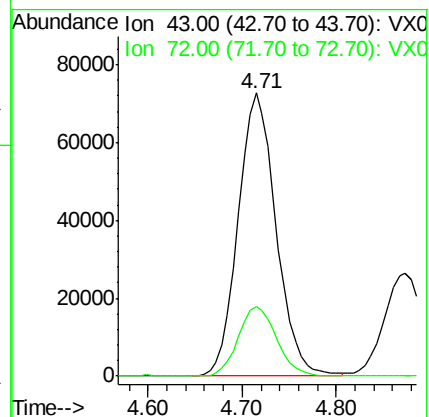
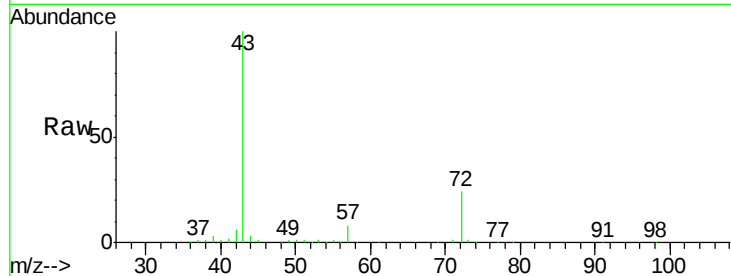
72 24.5 20.3 30.5

Manual Integrations

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4/12/2018 10:51:25 AM



#26

2,2-Dichloropropane

Concen: 20.27 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX000778.D

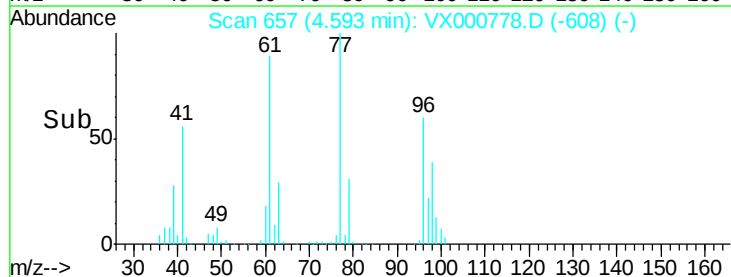
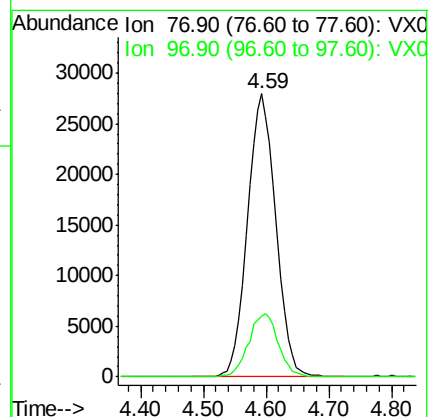
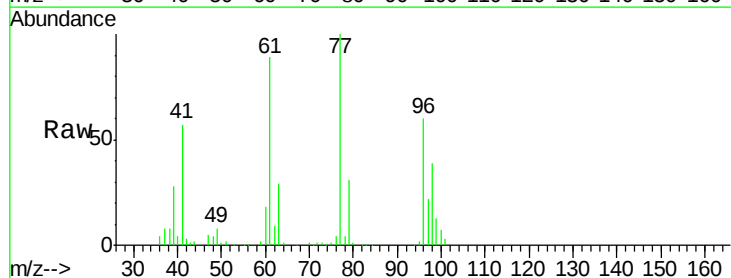
Acq: 11 Apr 2018 15:05

Tgt Ion: 77 Resp: 87208

Ion Ratio Lower Upper

77 100

97 23.3 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 21.52 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX000778.D

Acq: 11 Apr 2018 15:05

Instrument :

MSVOA_X

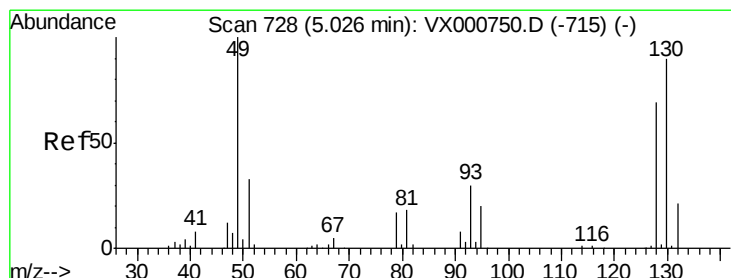
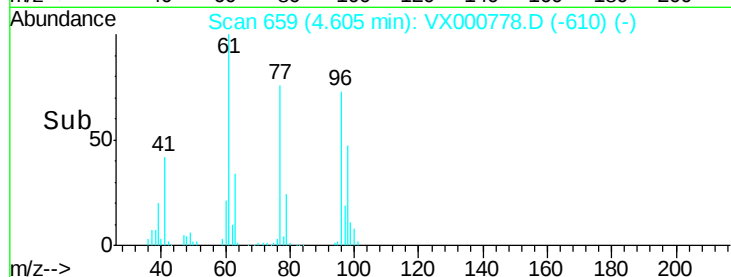
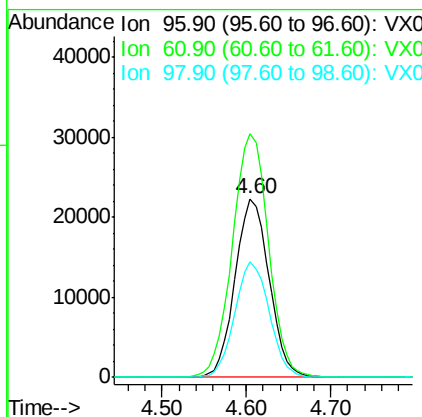
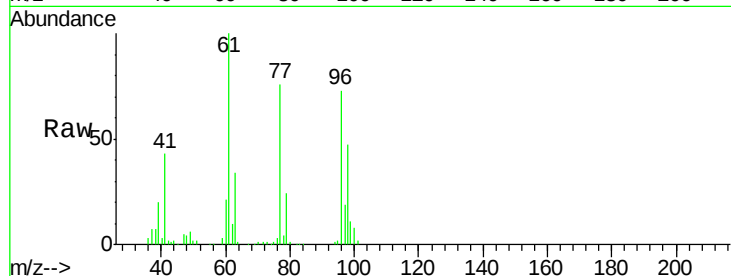
ClientSampleId :

VX0411WBS01

Tot Ion:	96	Resp:	61220
Ion	Ratio	Lower	Upper
96	100		
61	144.9	0.0	292.4
98	65.5	0.0	130.2

Manual Integrations
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#28

Bromochloromethane

Concen: 21.07 ug/l

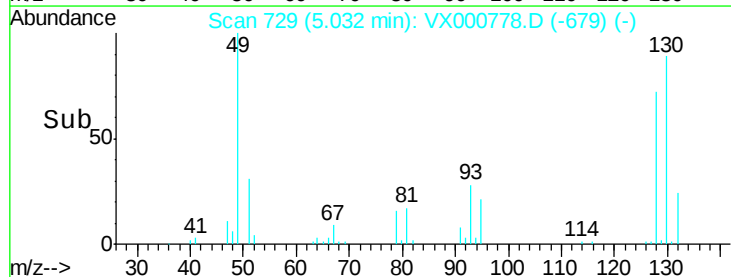
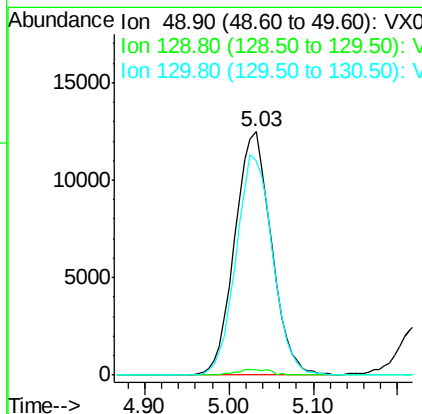
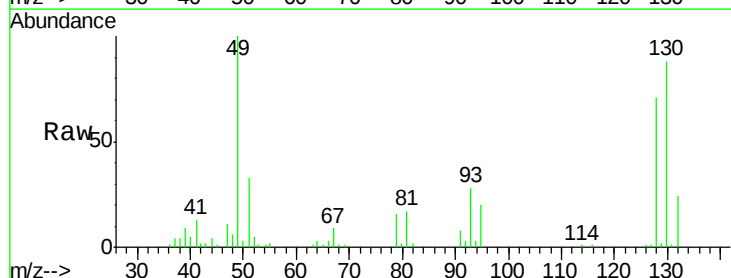
RT: 5.03 min Scan# 729

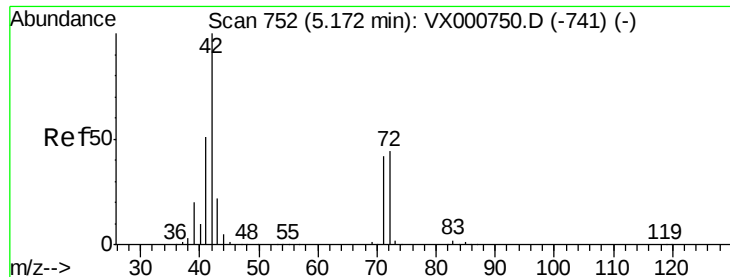
Delta R.T. 0.01 min

Lab File: VX000778.D

Acq: 11 Apr 2018 15:05

Tgt Ion:	49	Resp:	36774
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	5.2
130	89.9	72.6	109.0





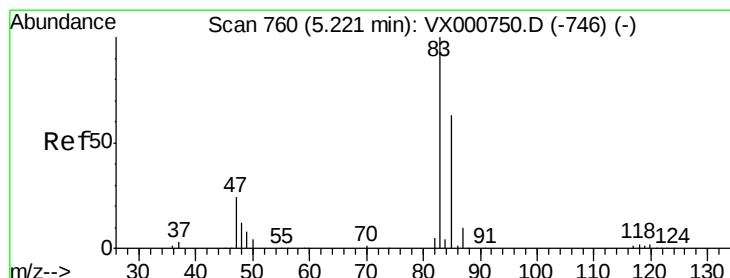
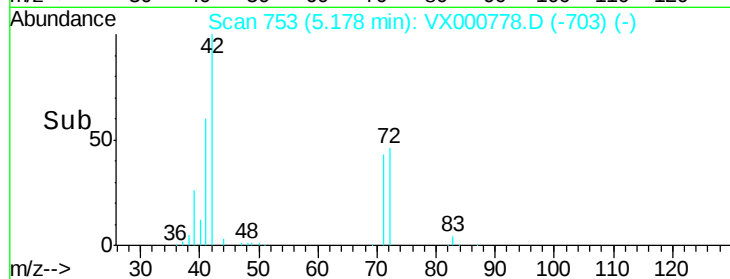
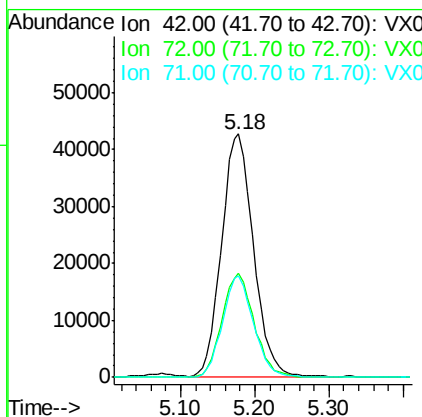
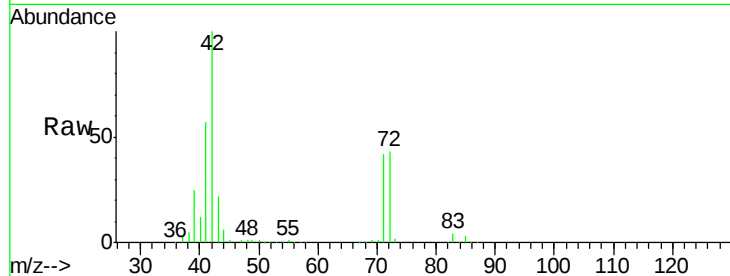
#29
Tetrahydrofuran
Concen: 112.38 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX000778.D
Acq: 11 Apr 2018 15:05

Instrument :
MSVOA_X
ClientSampleId :
VX0411WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.4	35.1	52.7
71	41.1	32.8	49.2

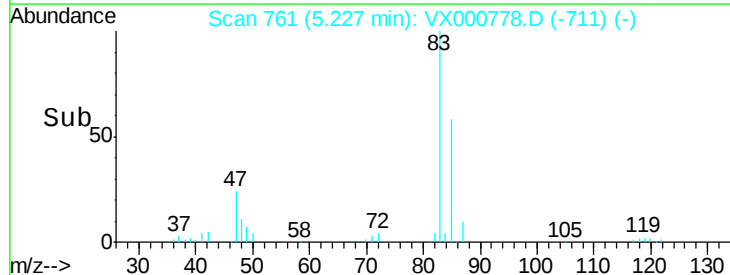
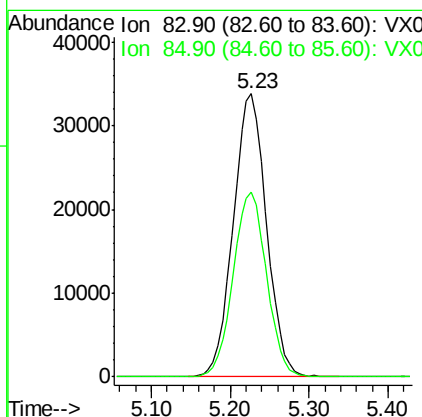
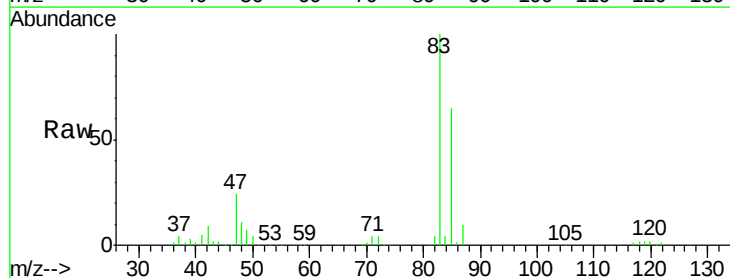
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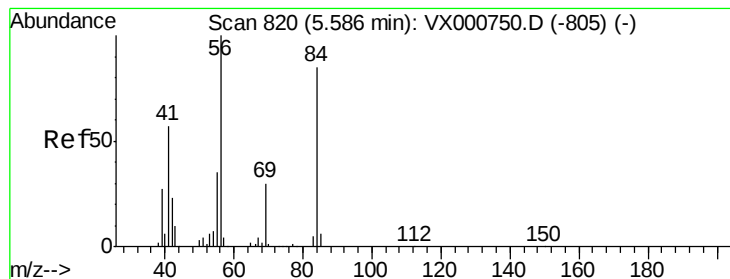
MMDadoda
4/12/2018 10:51:25 AM



#30
Chloroform
Concen: 21.61 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX000778.D
Acq: 11 Apr 2018 15:05

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	50.7	76.1





#31

Cyclohexane

Concen: 20.43 ug/l

RT: 5.59 min Scan# 820

Delta R.T. -0.00 min

Lab File: VX000778.D

Acq: 11 Apr 2018 15:05

Instrument :

MSVOA_X

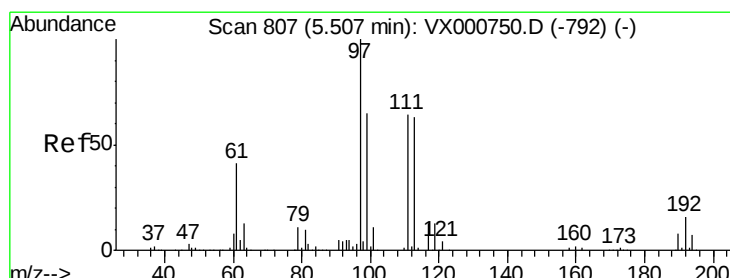
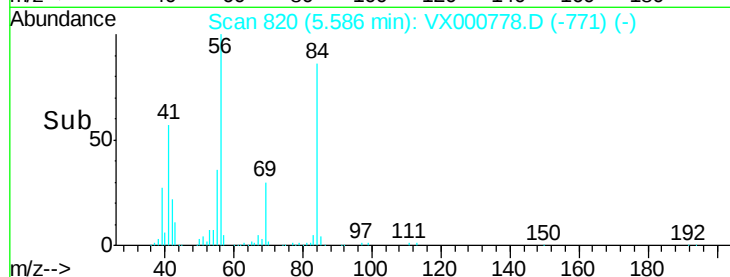
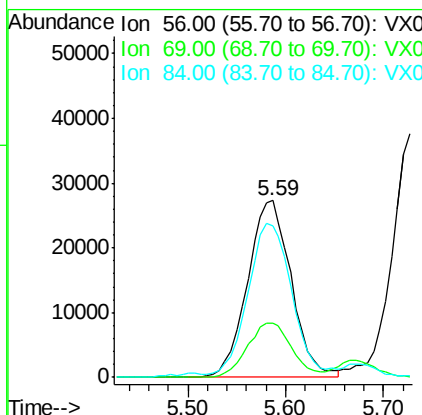
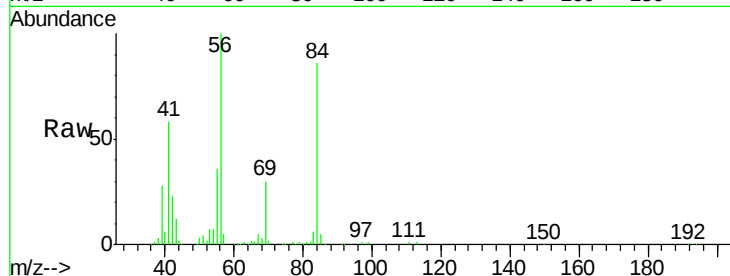
ClientSampleId :

VX0411WBS01

Tot Ion:	56	Resp:	84081
Ion	Ratio	Lower	Upper
56	100		
69	30.2	24.2	36.4
84	83.6	67.6	101.4

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 21.36 ug/l

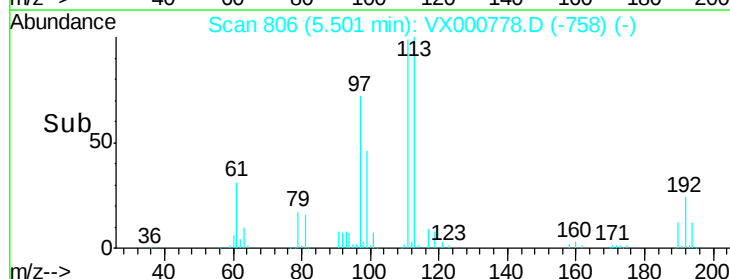
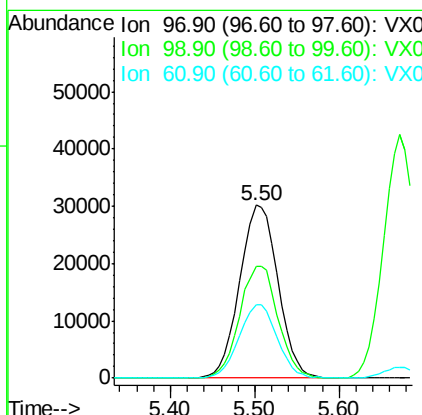
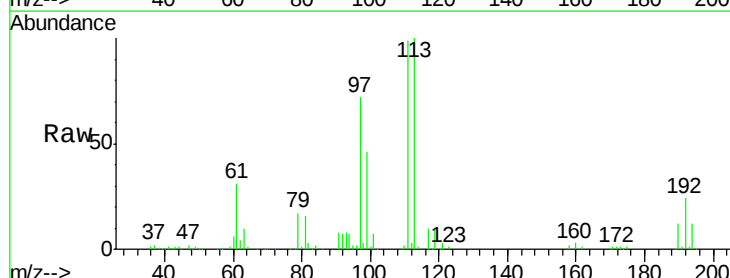
RT: 5.50 min Scan# 806

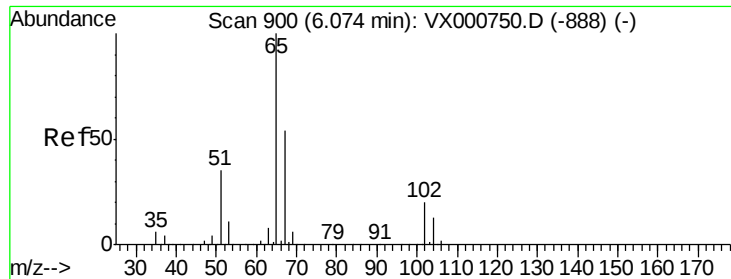
Delta R.T. -0.01 min

Lab File: VX000778.D

Acq: 11 Apr 2018 15:05

Tgt Ion:	97	Resp:	93390
Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.4	77.0
61	42.2	33.7	50.5





#33

1,2-Dichloroethane-d4

Concen: 52.57 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX000778.D

Acq: 11 Apr 2018 15:05

Instrument :

MSVOA_X

ClientSampleId :

VX0411WBS01

Tot Ion: 65 Resp: 164178

Ion Ratio Lower Upper

65 100

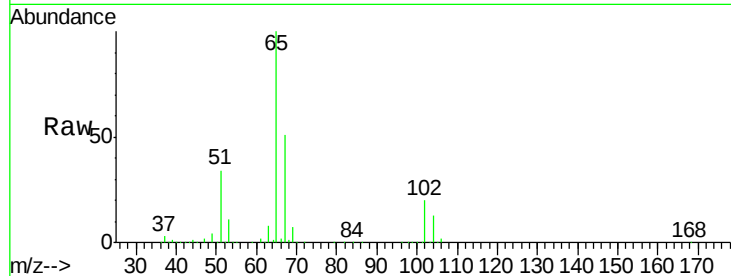
67 51.6 0.0 103.8

Manual Integrations

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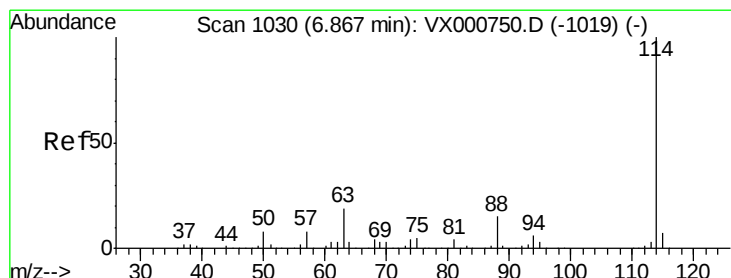
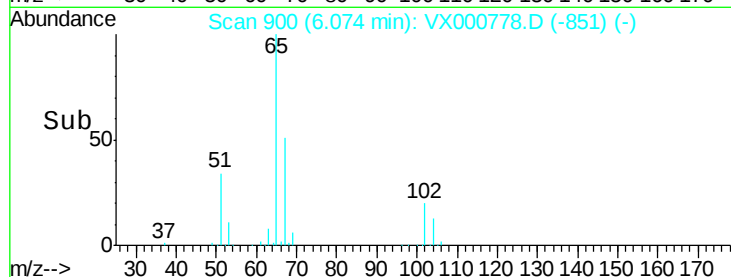
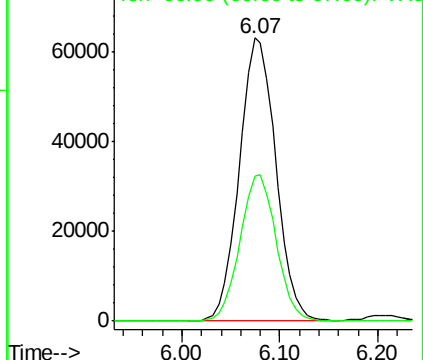
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX000778.D

Acq: 11 Apr 2018 15:05

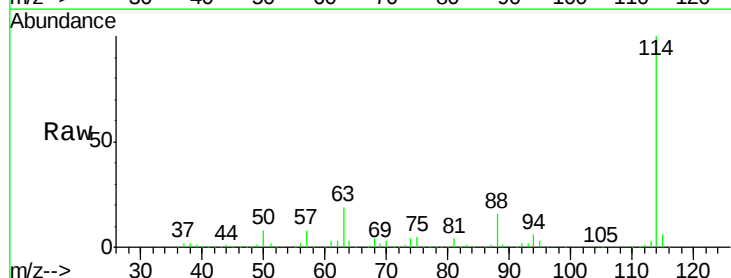
Tgt Ion: 114 Resp: 345490

Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.4

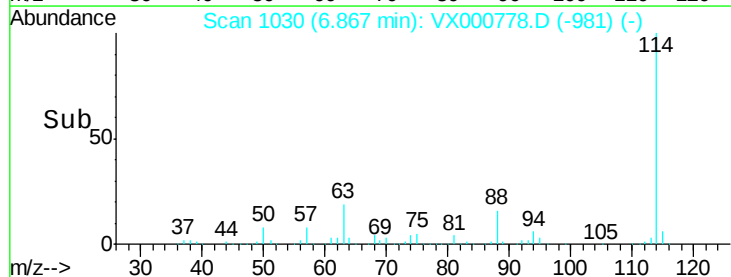
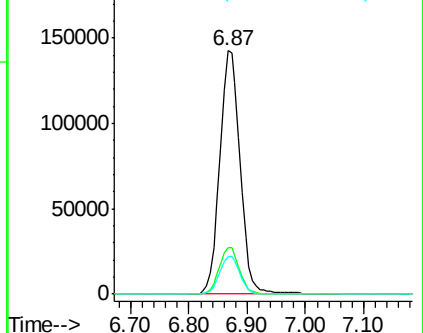
88 15.6 0.0 31.0

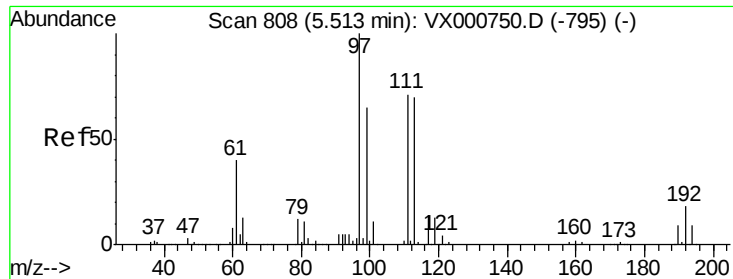


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 52.33 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000778.D

Acq: 11 Apr 2018 15:05

Instrument :

MSVOA_X

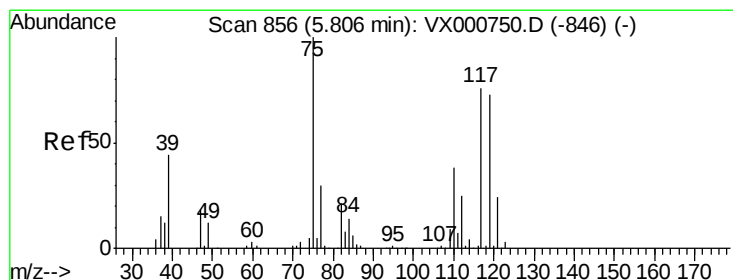
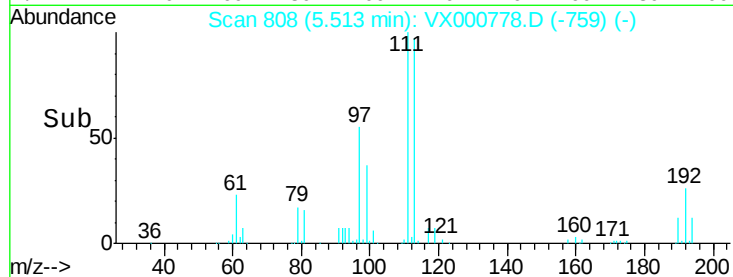
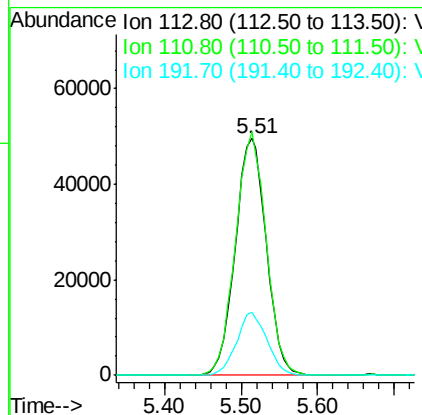
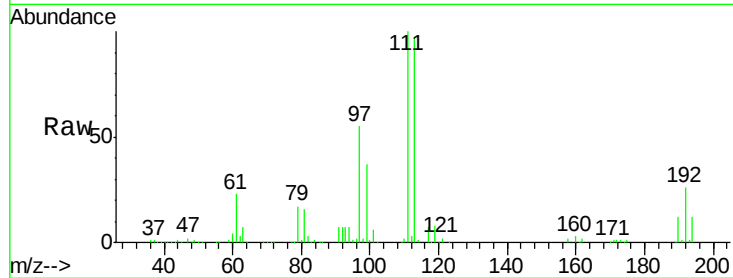
ClientSampleId :

VX0411WBS01

Tot Ion:	113	Resp:	139297
Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.5	122.3
192	25.9	20.4	30.6

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#36

1,1-Dichloropropene

Concen: 19.61 ug/l

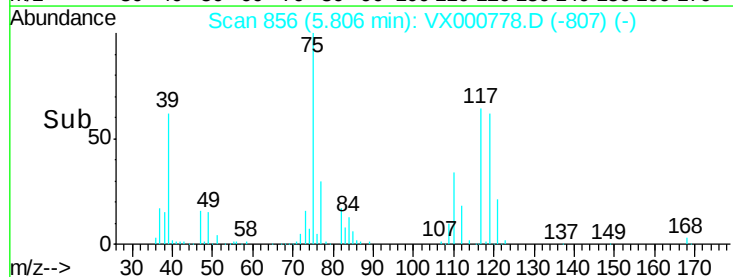
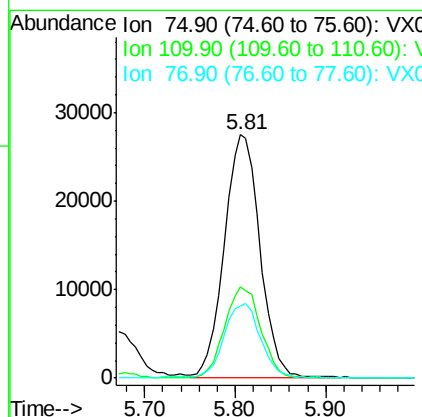
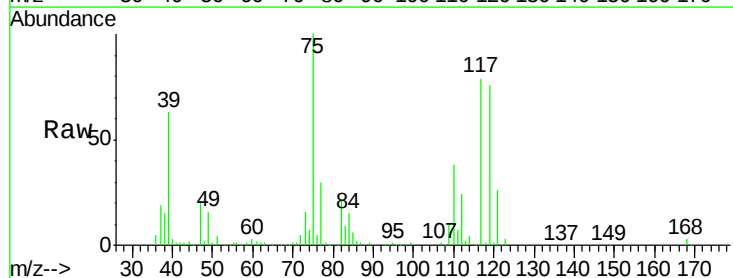
RT: 5.81 min Scan# 856

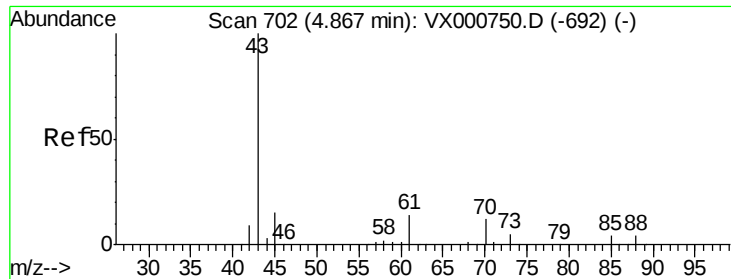
Delta R.T. -0.00 min

Lab File: VX000778.D

Acq: 11 Apr 2018 15:05

Tgt Ion:	75	Resp:	74606
Ion	Ratio	Lower	Upper
75	100		
110	38.4	19.2	57.6
77	30.6	25.4	38.2





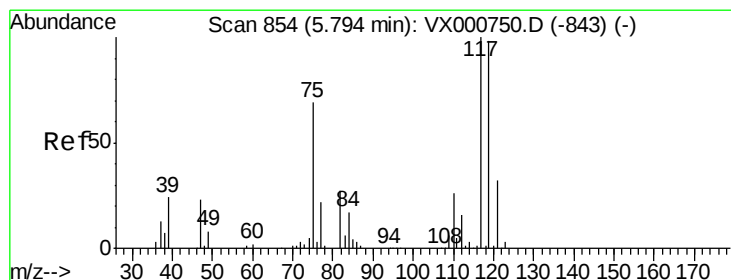
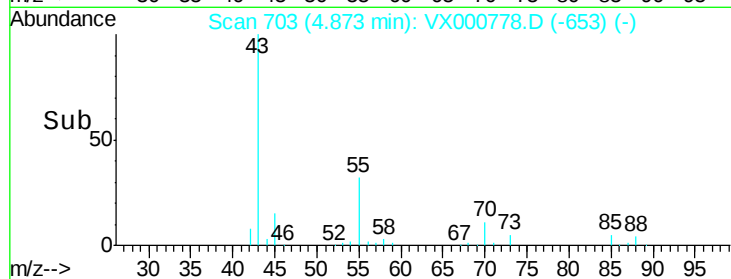
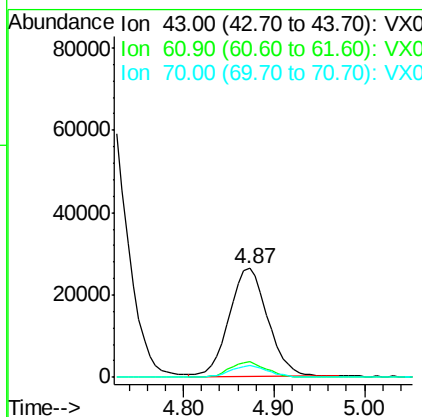
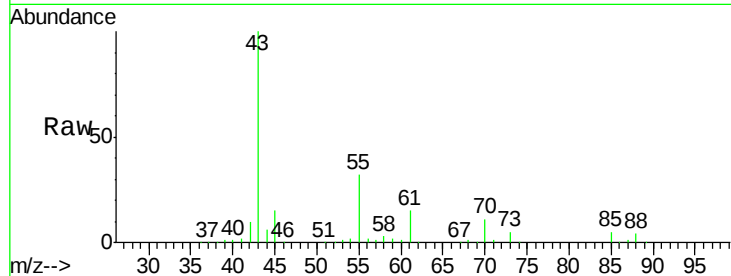
#37
Ethyl Acetate
Concen: 20.87 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.01 min
Lab File: VX000778.D
Acq: 11 Apr 2018 15:05

Instrument :
MSVOA_X
ClientSampleId :
VX0411WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.0	16.4
70	11.0	8.7	13.1

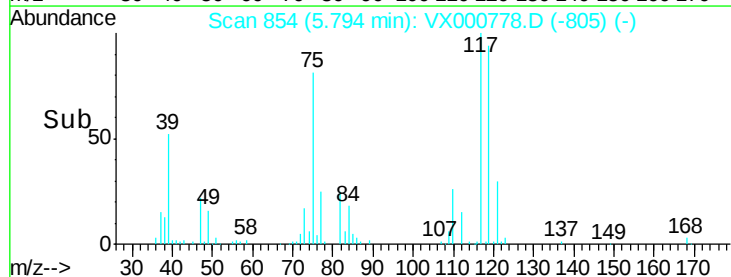
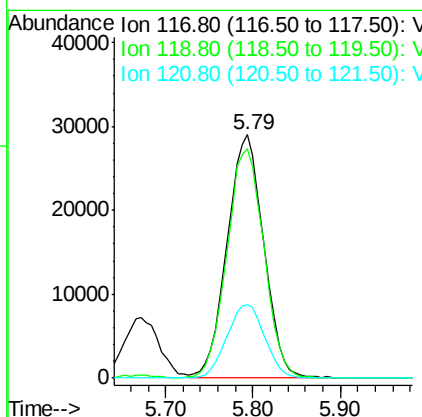
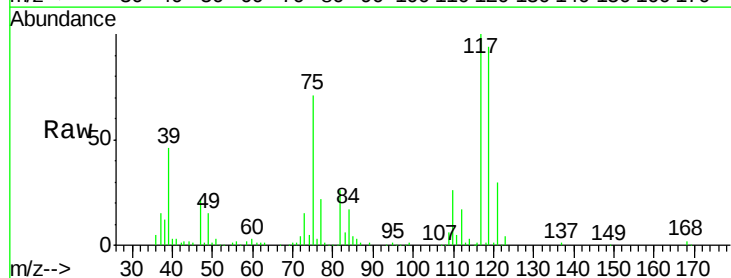
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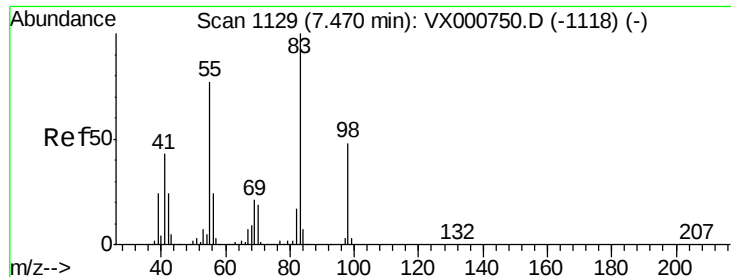
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#38
Carbon Tetrachloride
Concen: 19.88 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000778.D
Acq: 11 Apr 2018 15:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.4	78.4	117.6
121	30.0	25.4	38.0





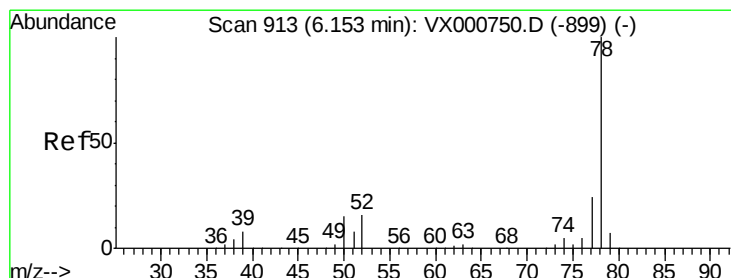
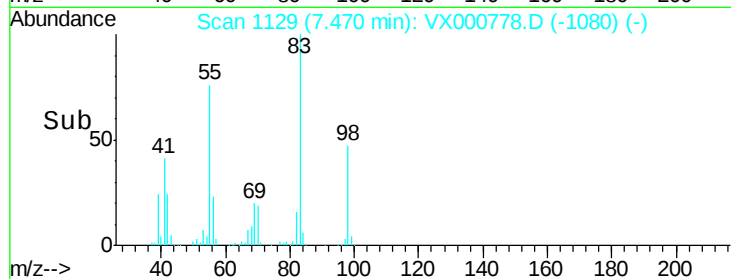
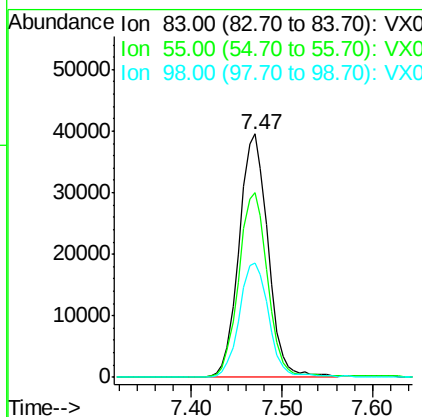
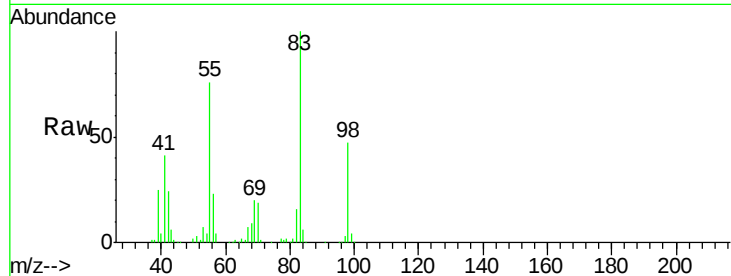
#39
Methvlcvclohexane
Concen: 19.14 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000778.D
Acq: 11 Apr 2018 15:05

Instrument :
MSVOA_X
ClientSampleId :
VX0411WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.7	61.5	92.3
98	46.8	38.1	57.1

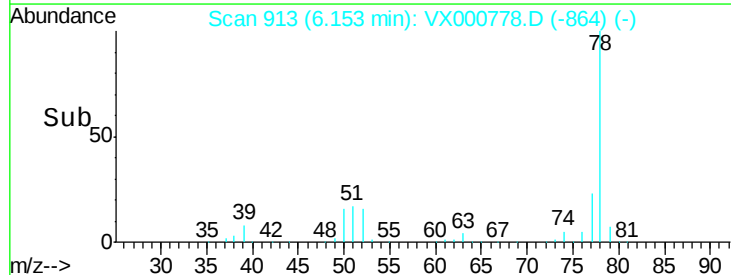
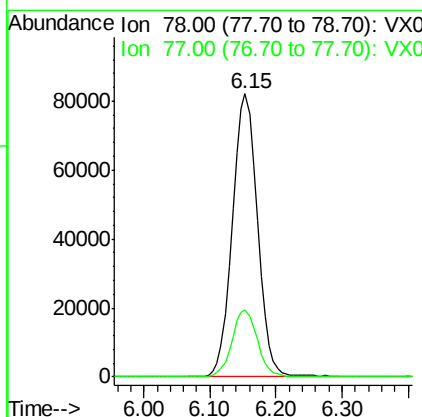
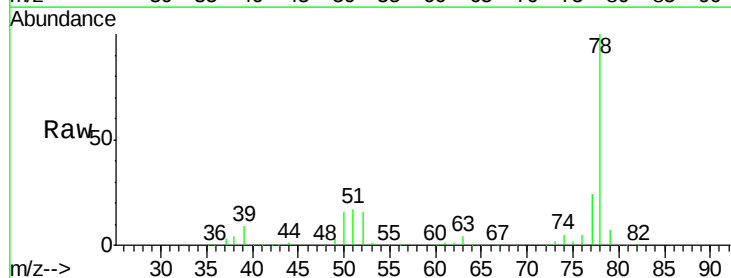
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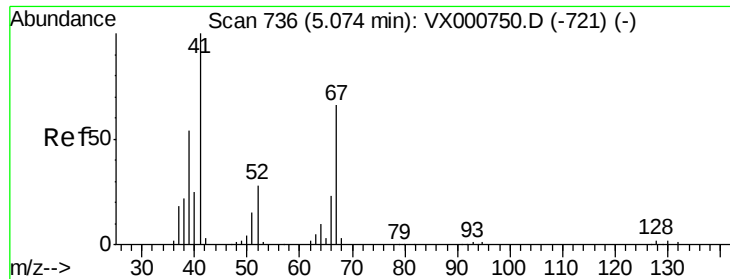
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#40
Benzene
Concen: 20.48 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000778.D
Acq: 11 Apr 2018 15:05

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.0	28.6





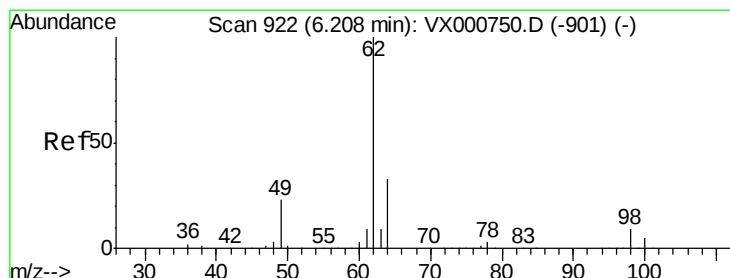
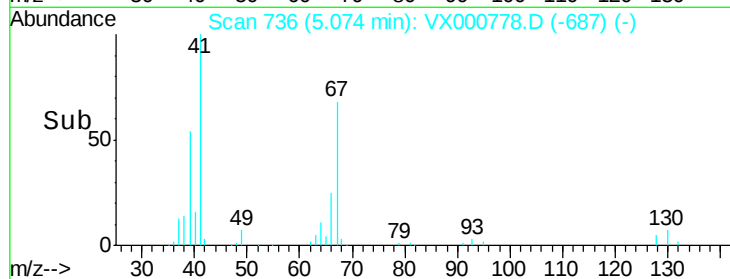
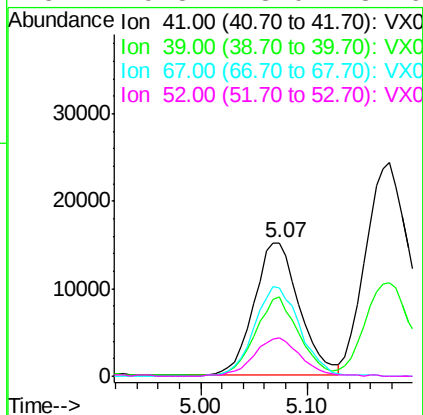
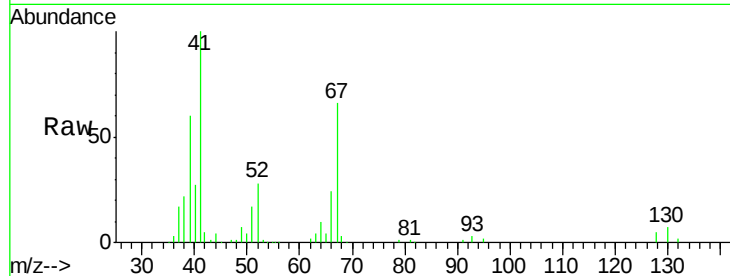
#41
Methacrylonitrile
Concen: 21.00 ug/l
RT: 5.07 min Scan# 736
Delta R.T. -0.00 min
Lab File: VX000778.D
Acq: 11 Apr 2018 15:05

Instrument :
MSVOA_X
ClientSampleId :
VX0411WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.6	44.9	67.3	
67	68.6	54.7	82.1	
52	29.8	23.0	34.6	

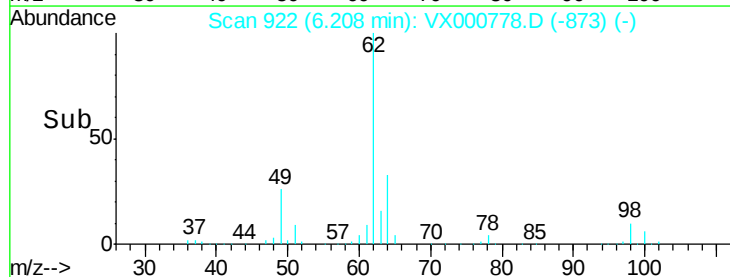
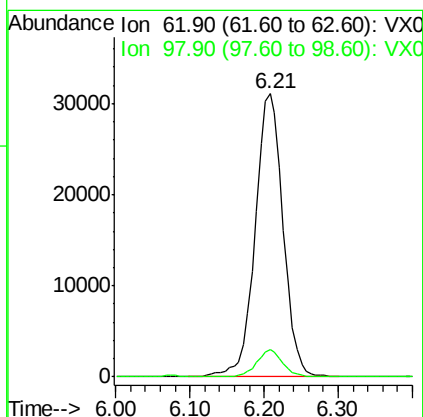
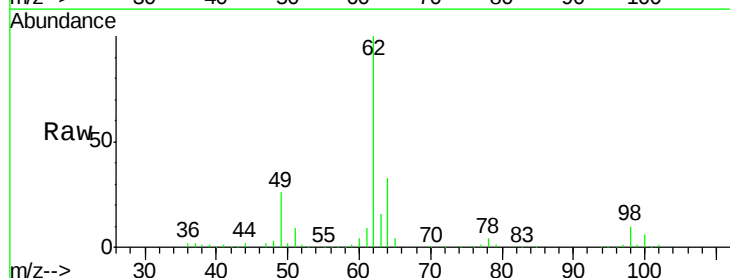
Manual Integrations
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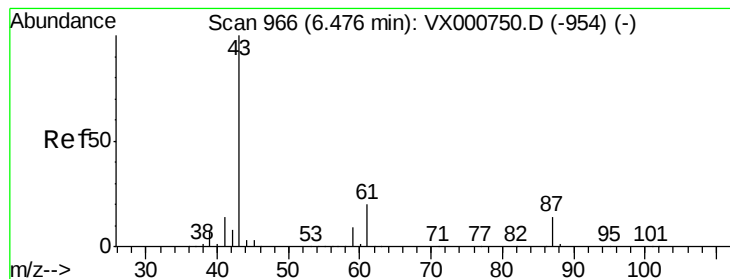
MMDadoda
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#42
1,2-Dichloroethane
Concen: 20.70 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX000778.D
Acq: 11 Apr 2018 15:05

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.0	0.0	18.6	





#43

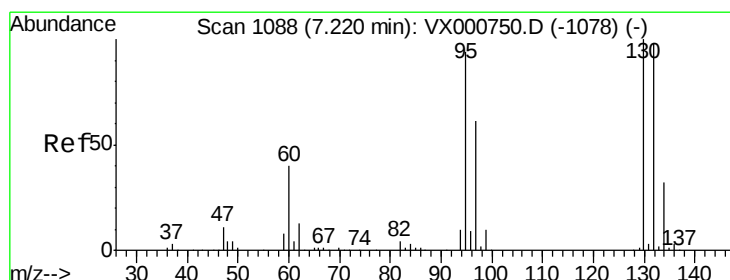
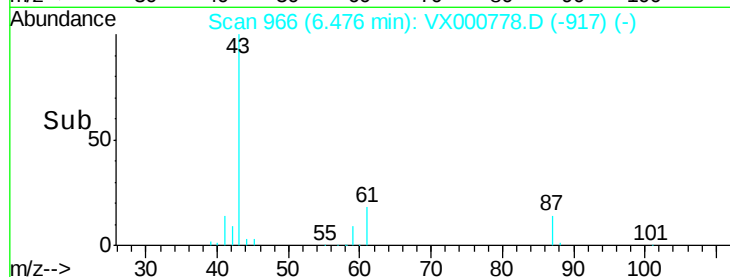
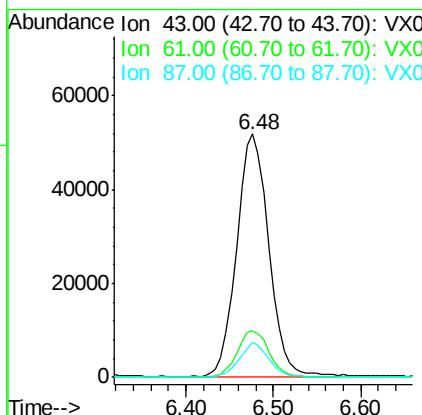
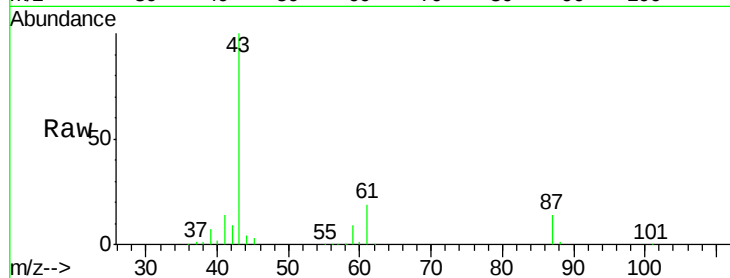
Isopropyl Acetate
 Concen: 20.68 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: VX000778.D
 Acq: 11 Apr 2018 15:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0411WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.4	15.6	23.4
87	13.2	10.7	16.1

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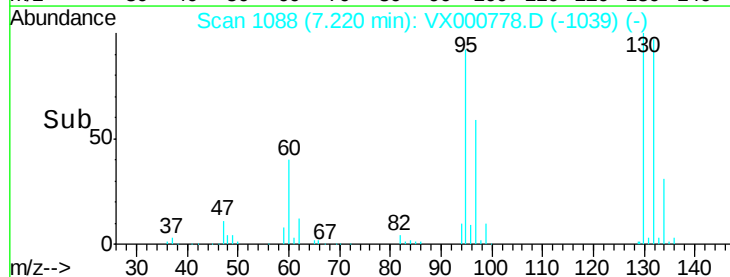
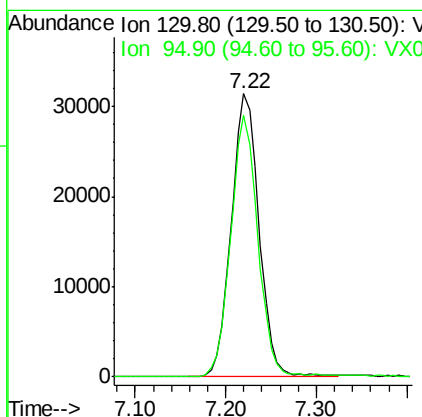
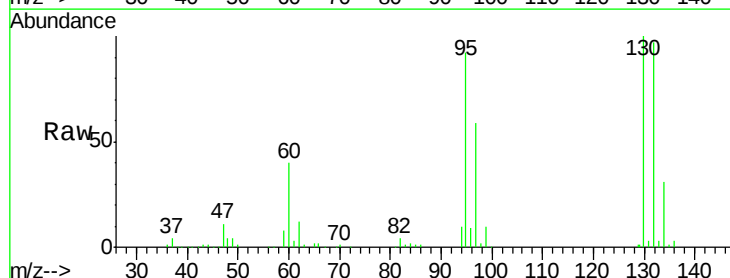
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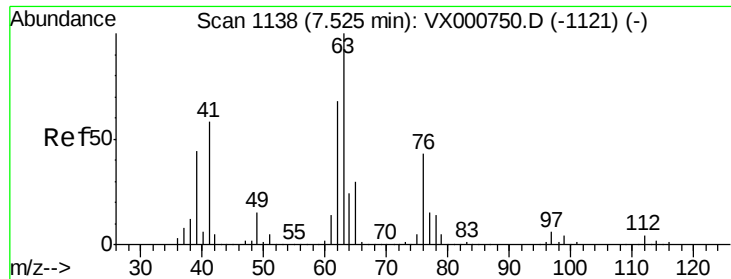


#44

Trichloroethene
 Concen: 20.36 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX000778.D
 Acq: 11 Apr 2018 15:05

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.3	0.0	187.0





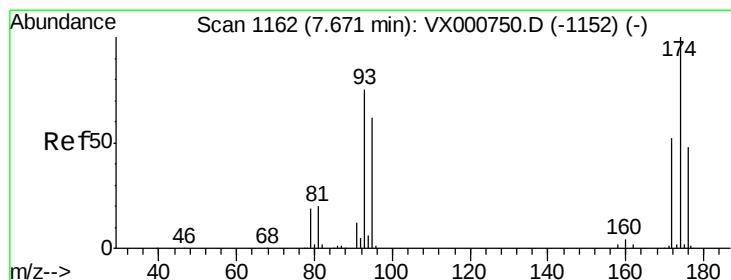
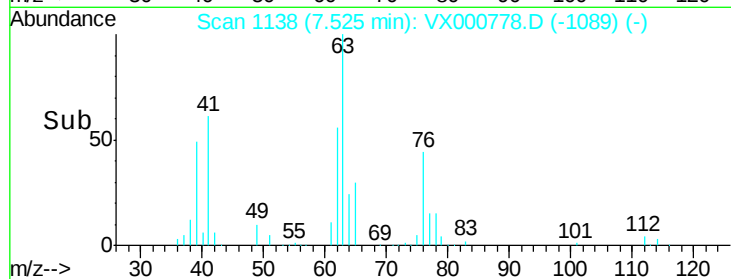
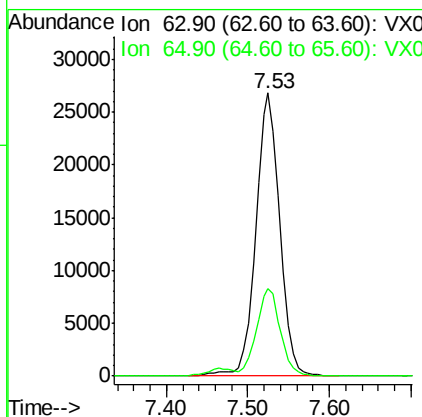
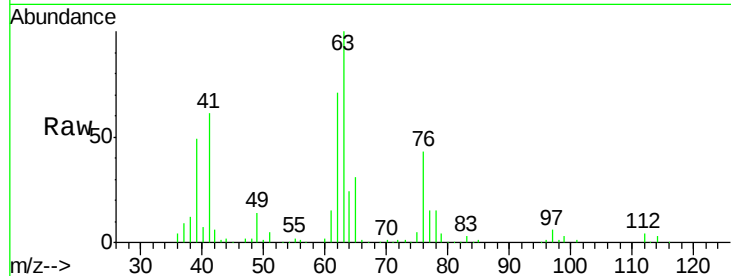
#45
 1,2-Dichloropropane
 Concen: 20.46 ug/l
 RT: 7.53 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000778.D
 Acq: 11 Apr 2018 15:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0411WBS01

Tot Ion: 63 Resp: 55070
 Ion Ratio Lower Upper
 63 100
 65 31.0 23.7 35.5

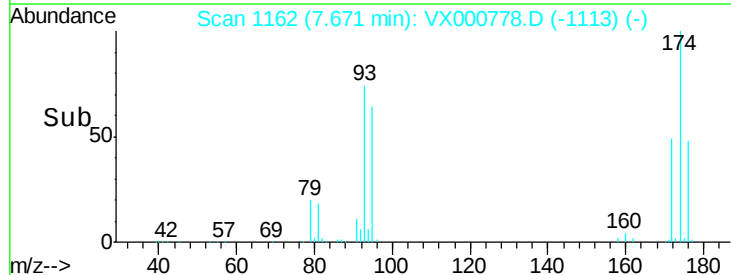
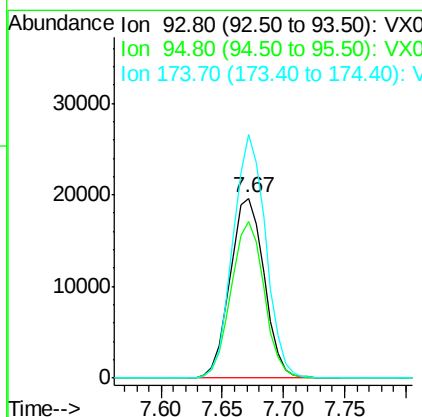
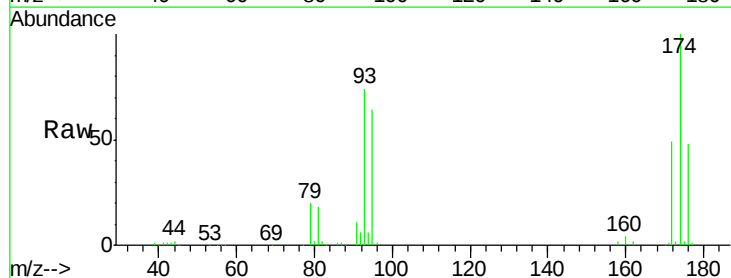
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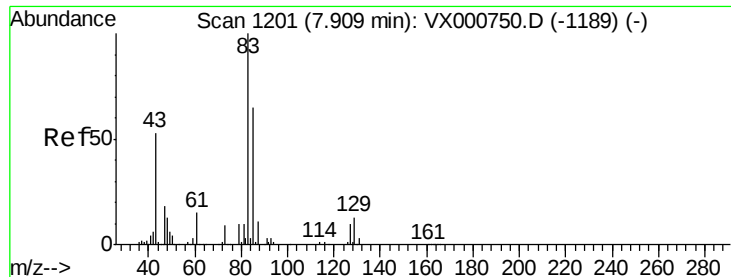
MMDadoda
 4/12/2018 10:51:25 AM



#46
 Dibromomethane
 Concen: 20.22 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000778.D
 Acq: 11 Apr 2018 15:05

Tgt Ion: 93 Resp: 37961
 Ion Ratio Lower Upper
 93 100
 95 84.5 66.6 100.0
 174 129.9 104.5 156.7





#47

Bromodichloromethane

Concen: 20.51 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000778.D

Acq: 11 Apr 2018 15:05

Instrument :

MSVOA_X

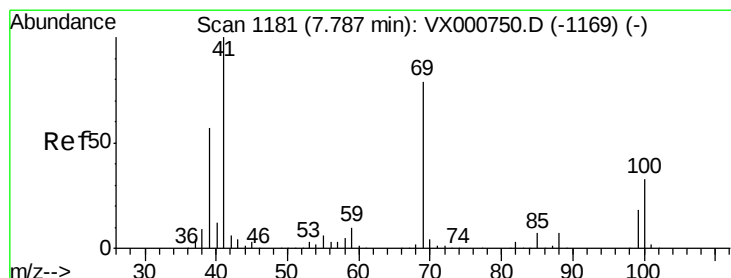
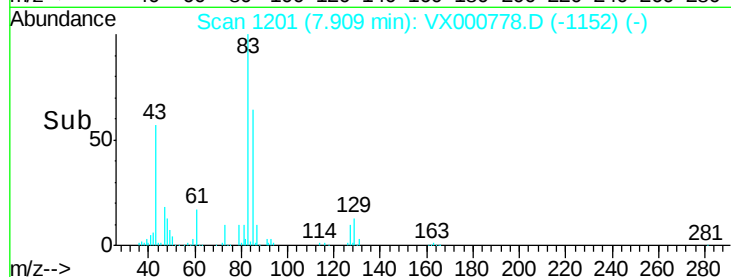
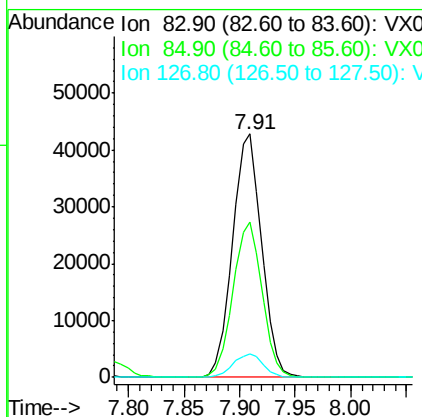
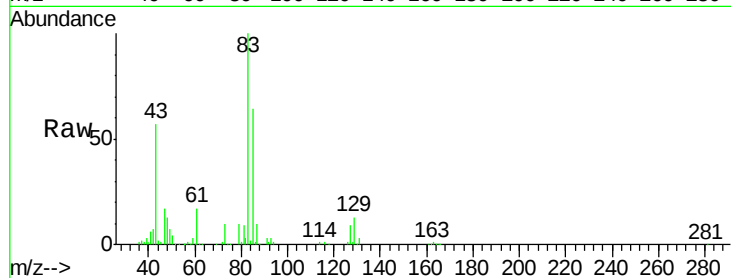
ClientSampleId :

VX0411WBS01

Tot Ion:	83	Resp:	77704
Ion	Ratio	Lower	Upper
83	100		
85	63.6	52.2	78.4
127	9.5	7.8	11.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.88 ug/l

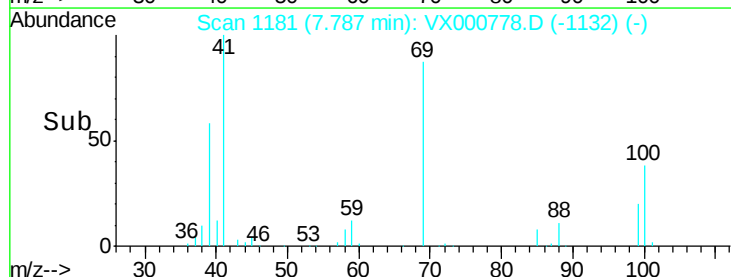
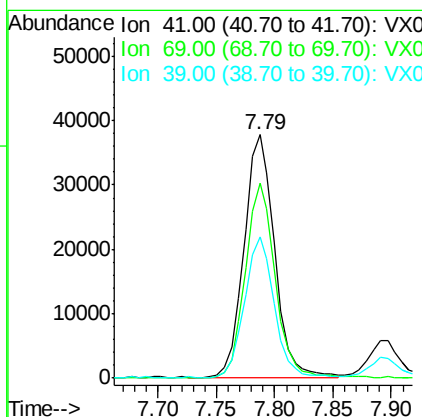
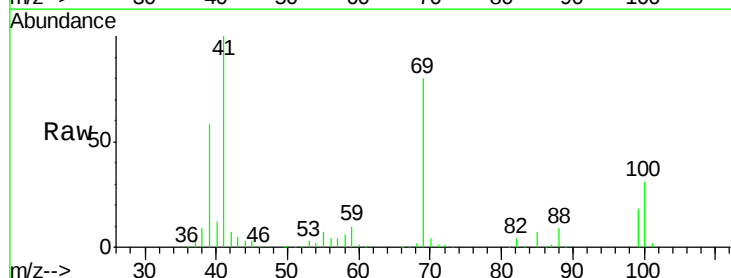
RT: 7.79 min Scan# 1181

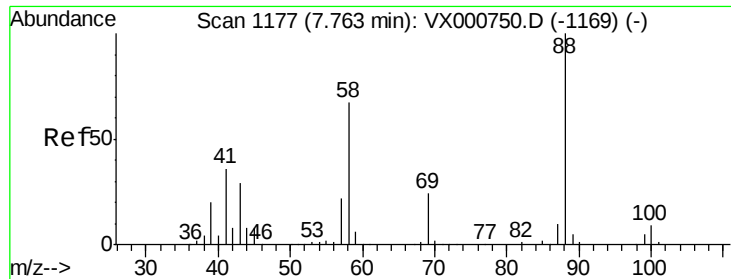
Delta R.T. -0.00 min

Lab File: VX000778.D

Acq: 11 Apr 2018 15:05

Tgt Ion:	41	Resp:	68941
Ion	Ratio	Lower	Upper
41	100		
69	79.7	63.9	95.9
39	56.7	45.9	68.9





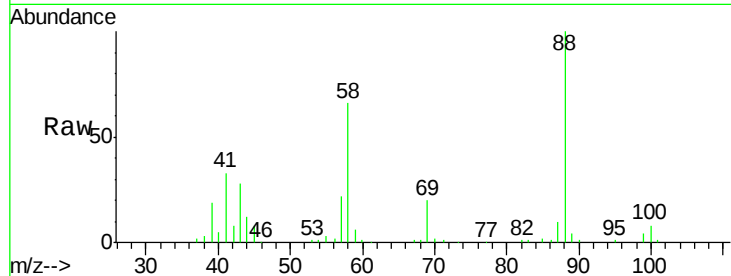
#49
1,4-Dioxane
Concen: 425.22 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VX000778.D
Acq: 11 Apr 2018 15:05

Instrument :
MSVOA_X
ClientSampleId :
VX0411WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.6	25.8	38.8
58	68.8	54.4	81.6

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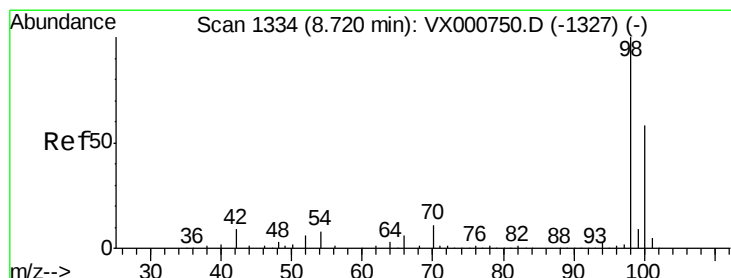
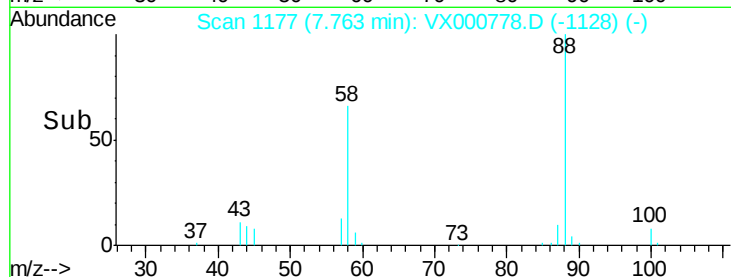
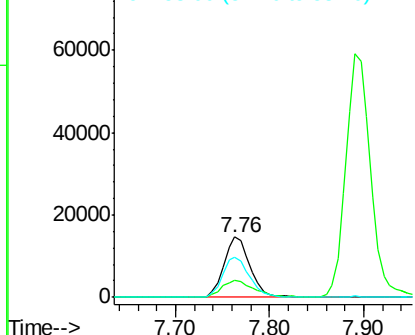


Abundance

Ion 88.00 (87.70 to 88.70): VX0

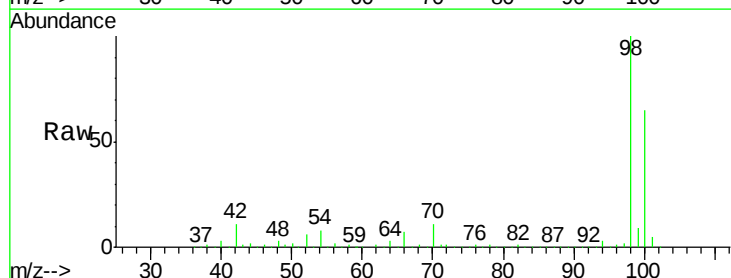
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 51.22 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX000778.D
Acq: 11 Apr 2018 15:05

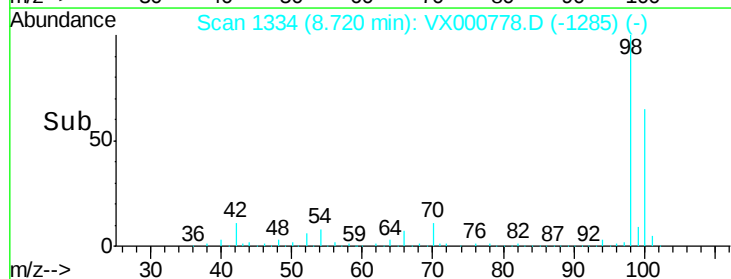
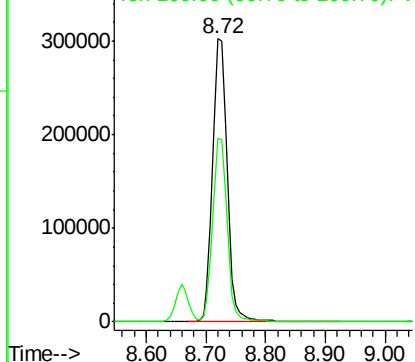
Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	52.6	79.0

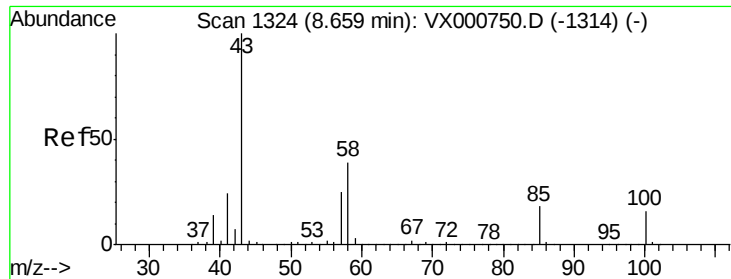


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 107.31 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000778.D

Acq: 11 Apr 2018 15:05

Instrument :

MSVOA_X

ClientSampleId :

VX0411WBS01

Tot Ion: 43 Resp: 401412

Ion Ratio Lower Upper

43 100

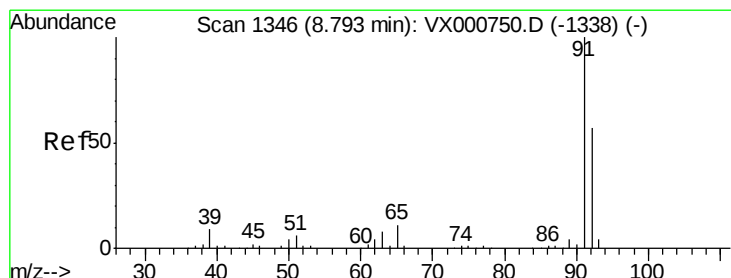
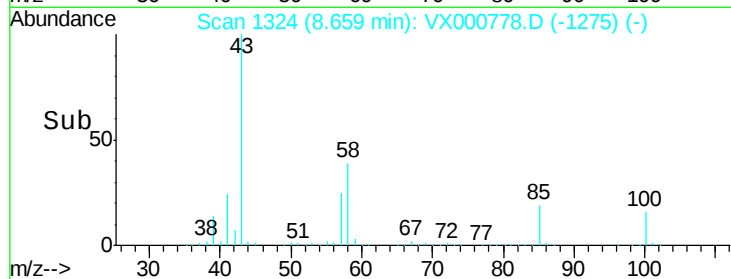
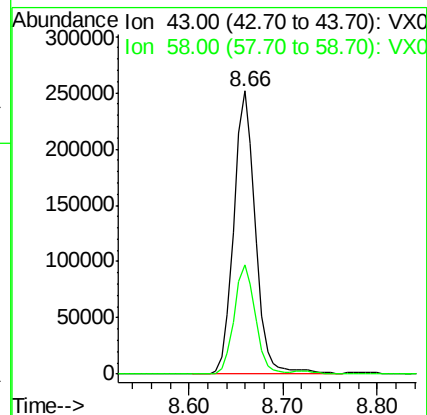
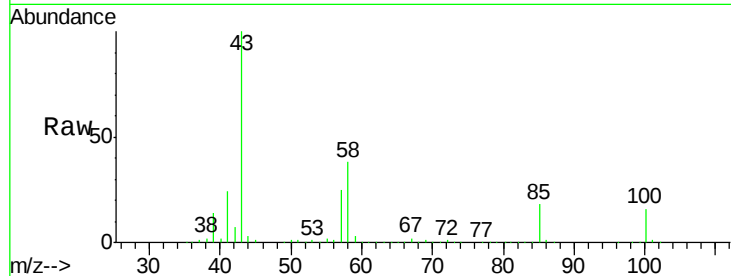
58 37.7 30.3 45.5

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#52

Toluene

Concen: 20.20 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000778.D

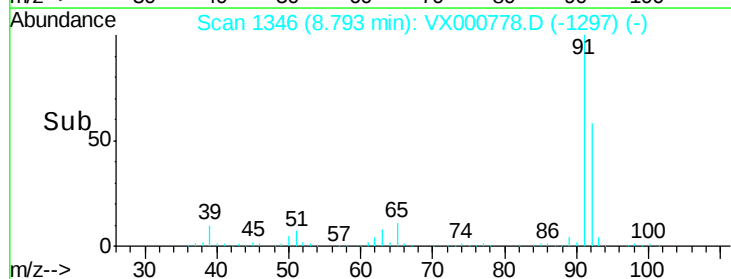
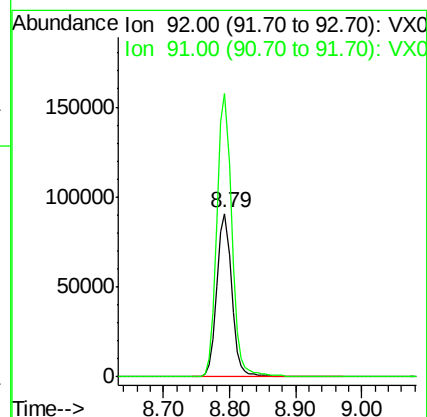
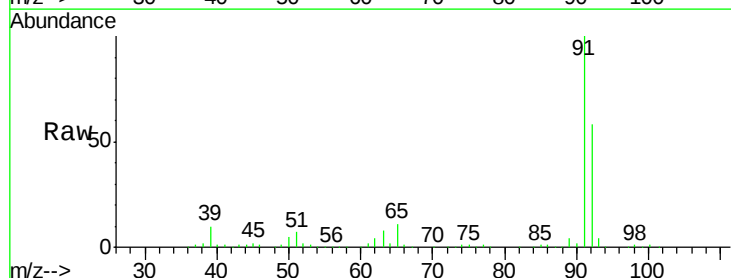
Acq: 11 Apr 2018 15:05

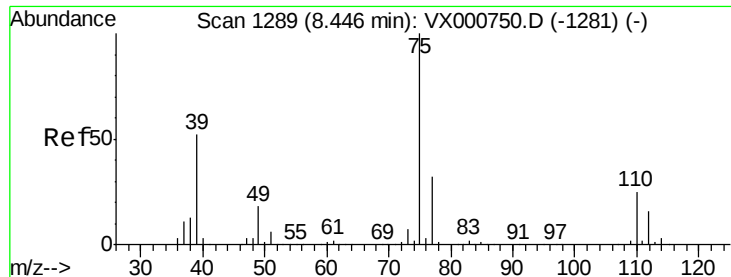
Tgt Ion: 92 Resp: 141672

Ion Ratio Lower Upper

92 100

91 173.2 139.0 208.4





#53

t-1,3-Dichloropropene

Concen: 19.98 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX000778.D

Acq: 11 Apr 2018 15:05

Tot Ion: 75 Resp: 90787

Ion Ratio Lower Upper

75 100

77 32.0 25.4 38.2

Instrument :

MSVOA_X

ClientSampleId :

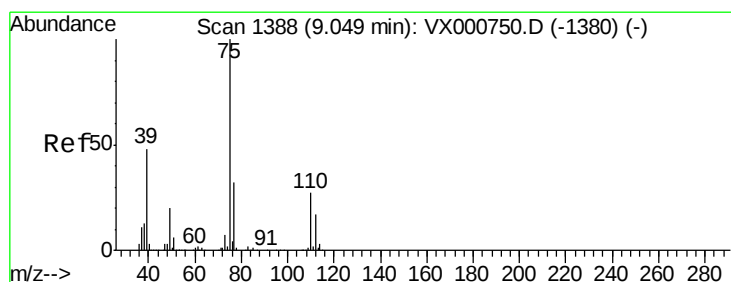
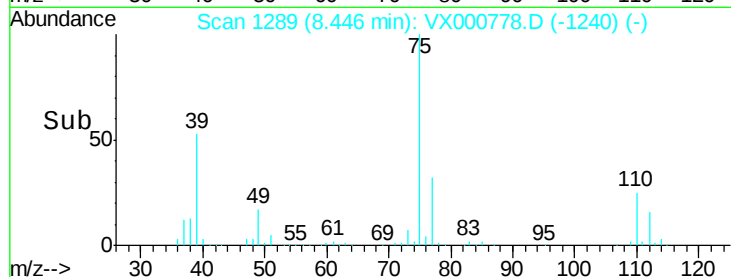
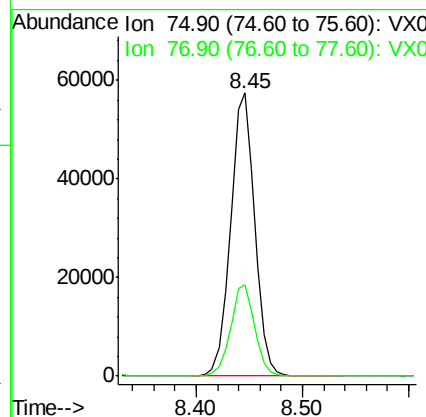
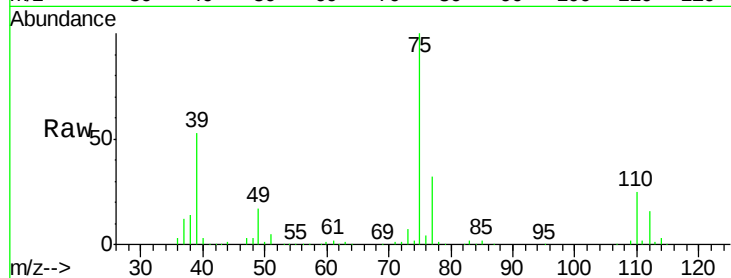
VX0411WBS01

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#54

cis-1,3-Dichloropropene

Concen: 19.78 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000778.D

Acq: 11 Apr 2018 15:05

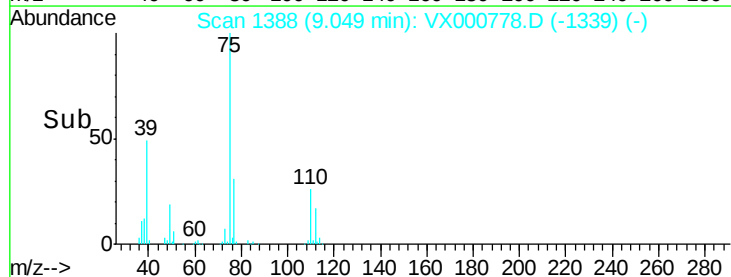
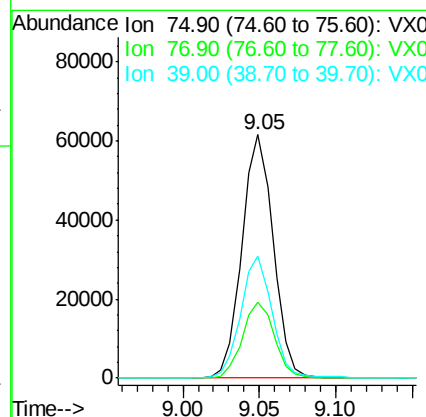
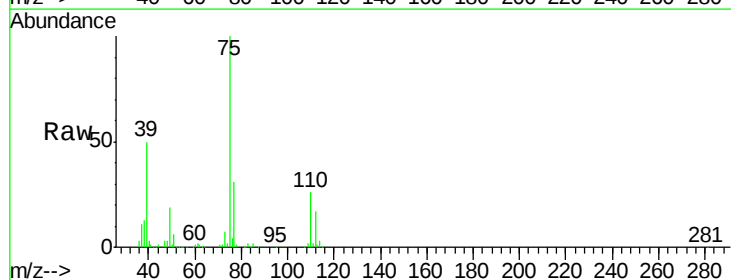
Tgt Ion: 75 Resp: 87504

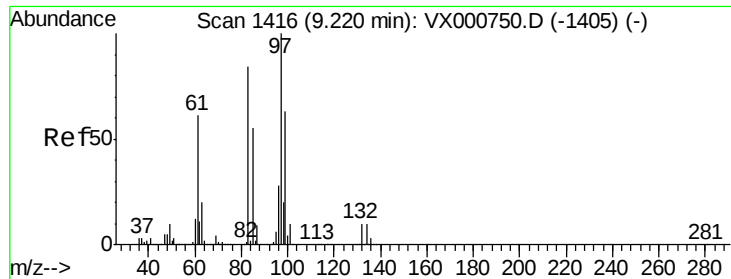
Ion Ratio Lower Upper

75 100

77 31.3 25.4 38.2

39 49.7 38.6 58.0





#55

1,1,2-Trichloroethane

Concen: 20.37 ug/l

RT: 9.23 min Scan# 1417

Delta R.T. 0.01 min

Lab File: VX000778.D

Acq: 11 Apr 2018 15:05

Instrument :

MSVOA_X

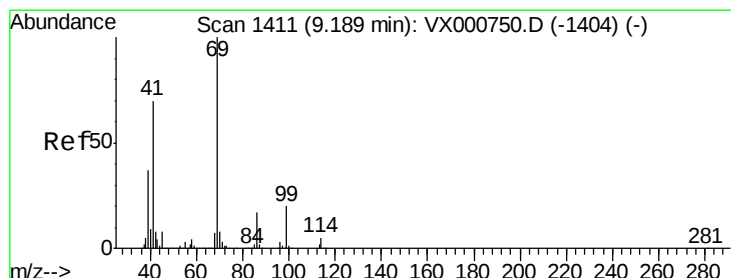
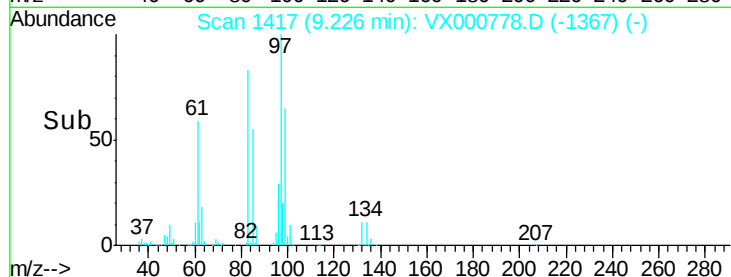
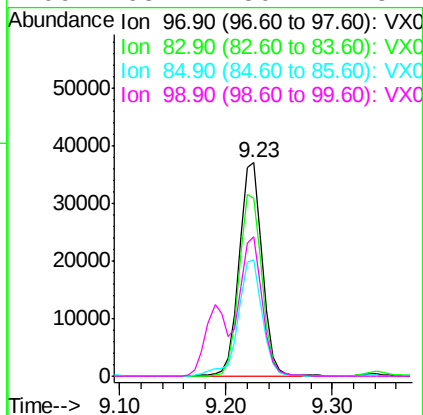
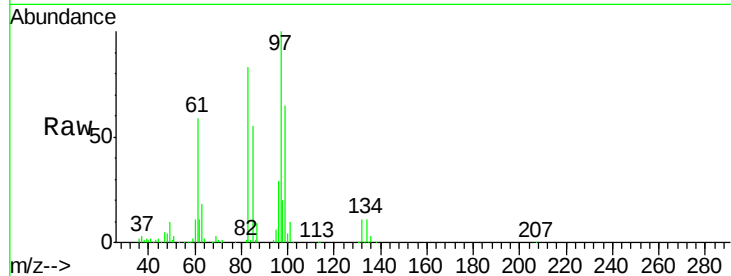
ClientSampleId :

VX0411WBS01

Tot Ion:	97	Resp:	56707
Ion	Ratio	Lower	Upper
97	100		
83	83.2	67.6	101.4
85	54.7	43.8	65.6
99	65.2	50.2	75.4

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#56

Ethyl methacrylate

Concen: 20.31 ug/l

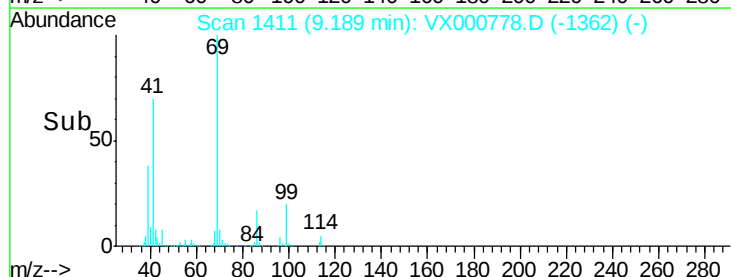
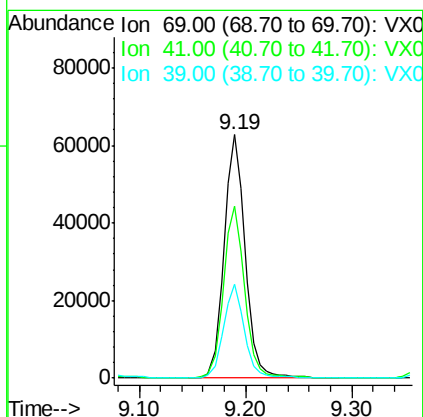
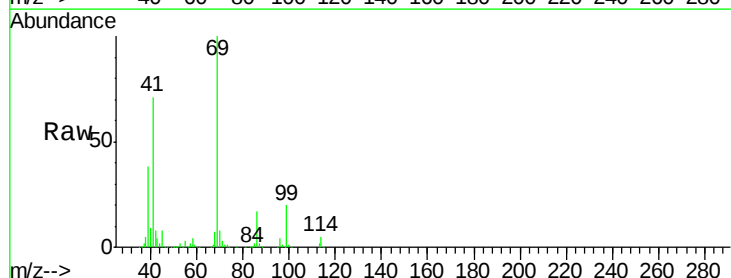
RT: 9.19 min Scan# 1411

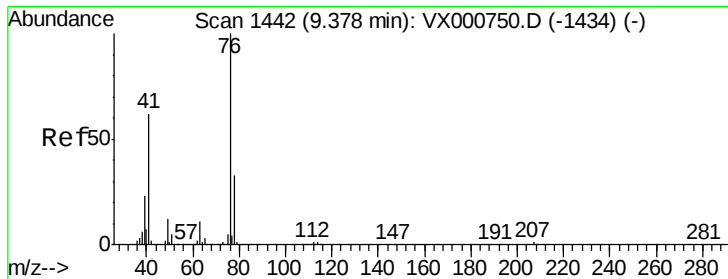
Delta R.T. -0.00 min

Lab File: VX000778.D

Acq: 11 Apr 2018 15:05

Tgt Ion:	69	Resp:	87221
Ion	Ratio	Lower	Upper
69	100		
41	70.2	55.6	83.4
39	37.6	30.3	45.5





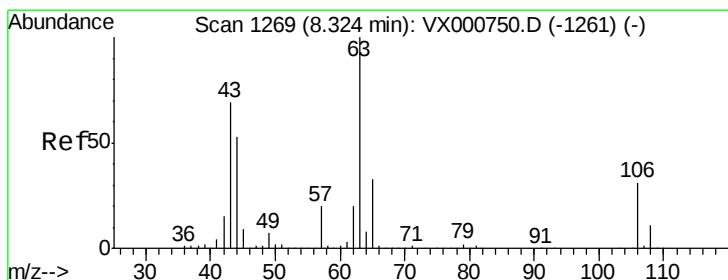
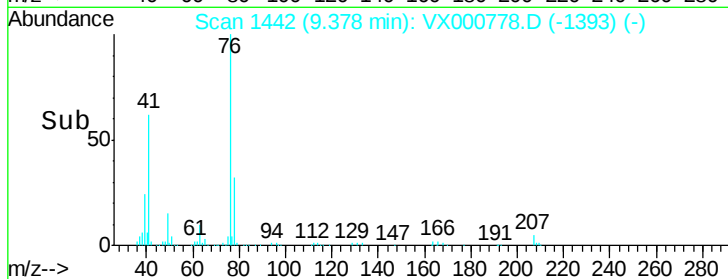
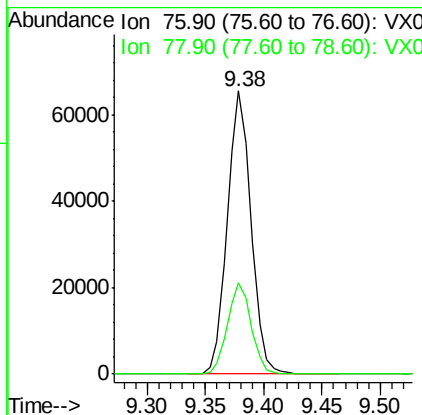
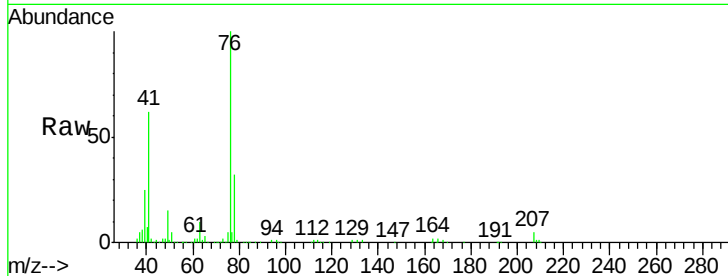
#57
 1,3-Dichloropropane
 Concen: 20.93 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX000778.D
 Acq: 11 Apr 2018 15:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0411WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.8	38.6

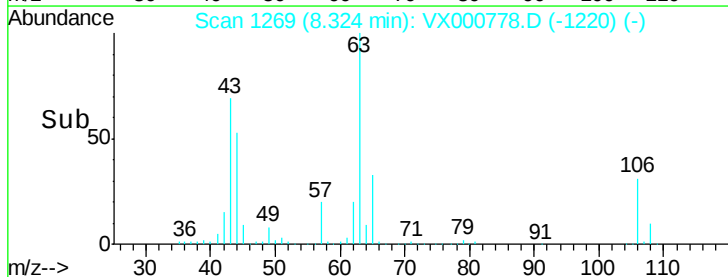
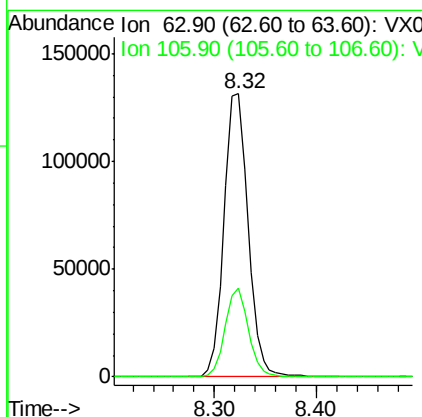
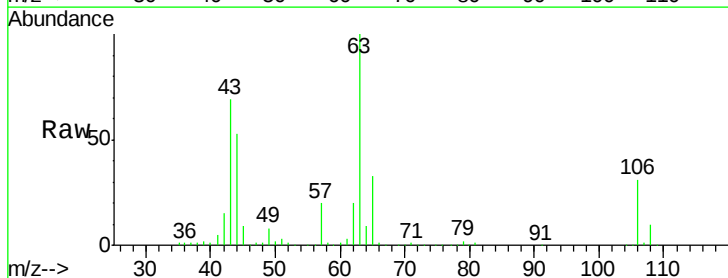
Manual Integrations
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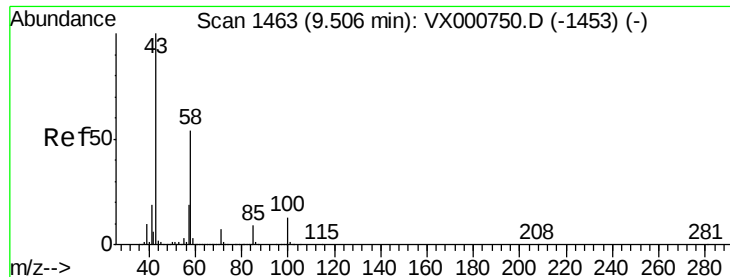
MMDadoda
 4/12/2018 10:51:25 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 106.97 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX000778.D
 Acq: 11 Apr 2018 15:05

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.4	24.3	36.5





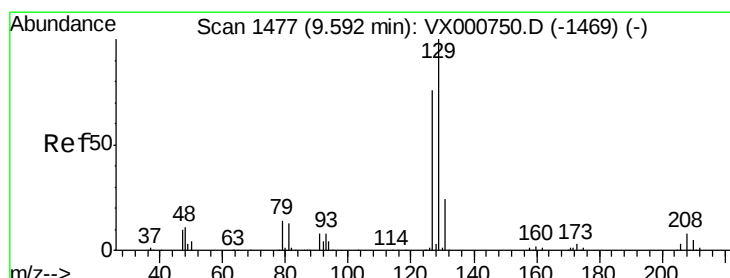
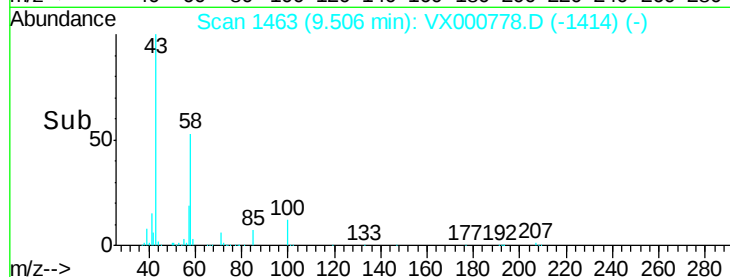
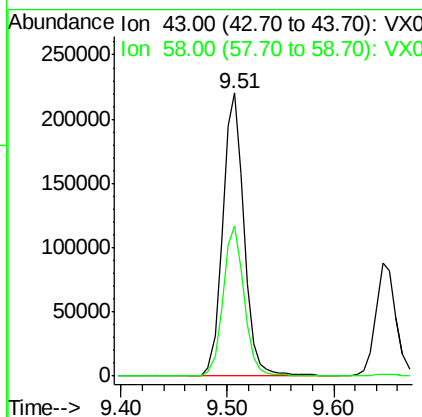
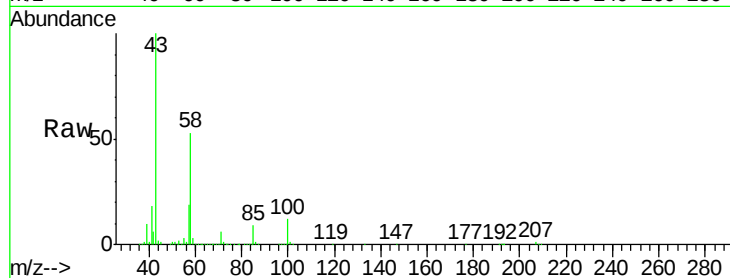
#59
2-Hexanone
Concen: 106.41 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000778.D
Acq: 11 Apr 2018 15:05

Instrument :
MSVOA_X
ClientSampleId :
VX0411WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	52.8	26.5	79.5

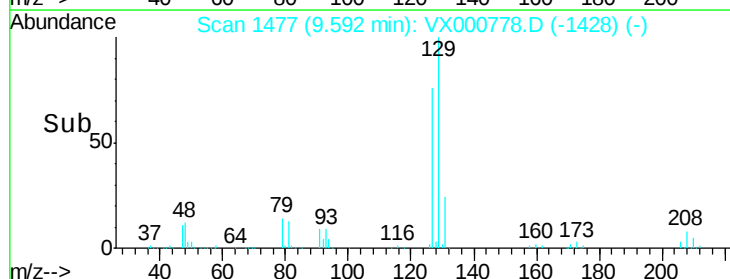
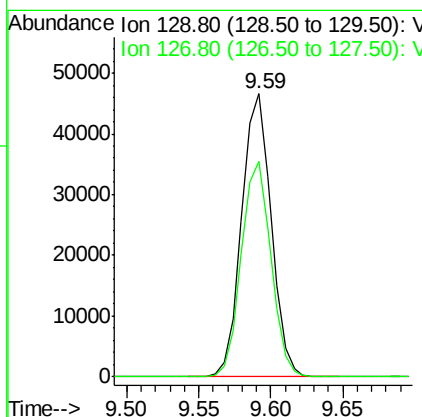
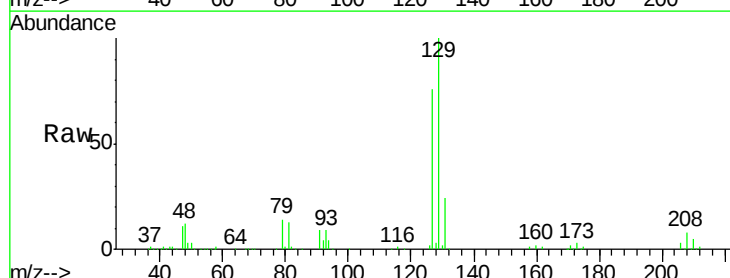
Manual Integrations
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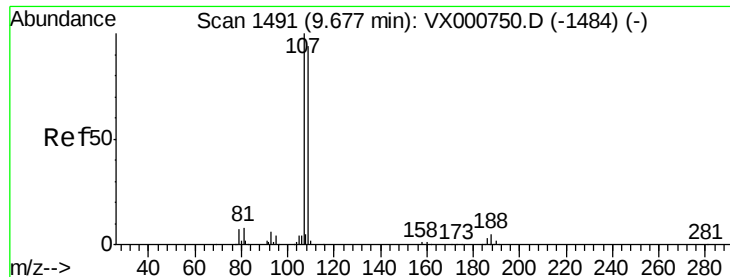
MMDadoda
4/12/2018 10:51:25 AM



#60
Dibromochloromethane
Concen: 19.91 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000778.D
Acq: 11 Apr 2018 15:05

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.2	38.4	115.1





#61

1,2-Dibromoethane

Concen: 20.92 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.01 min

Lab File: VX000778.D

Acq: 11 Apr 2018 15:05

Instrument :

MSVOA_X

ClientSampleId :

VX0411WBS01

Tot Ion:107 Resp: 61802

Ion Ratio Lower Upper

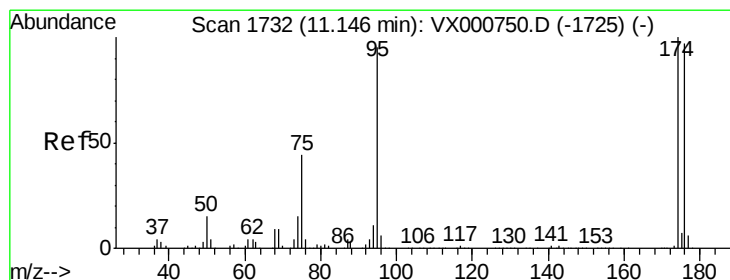
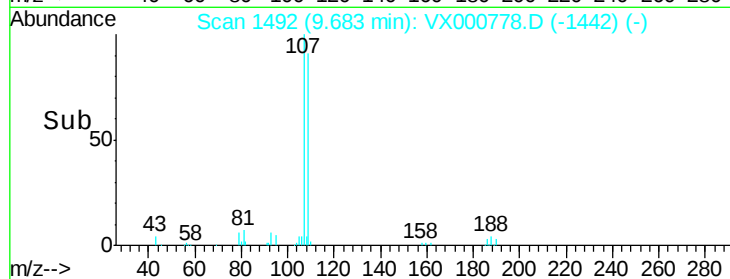
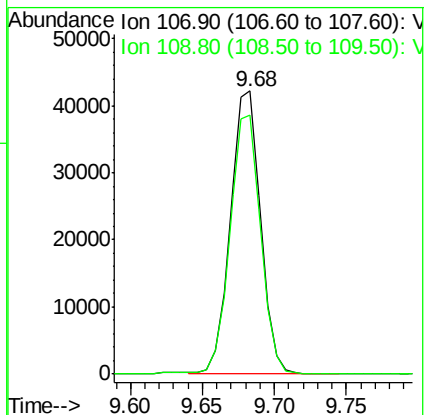
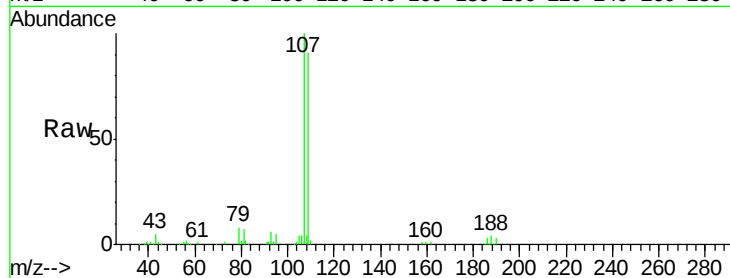
107 100

109 93.5 76.2 114.4

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MMDadoda

4/12/2018 10:51:25 AM



#62

4-Bromofluorobenzene

Concen: 49.78 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000778.D

Acq: 11 Apr 2018 15:05

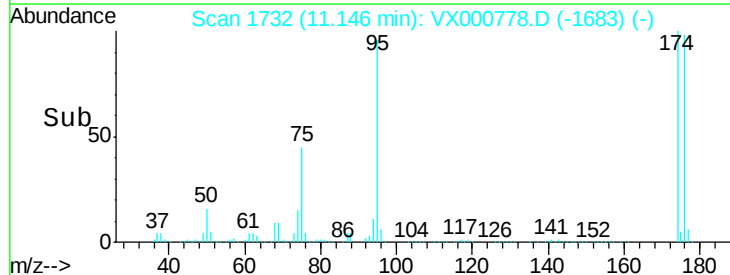
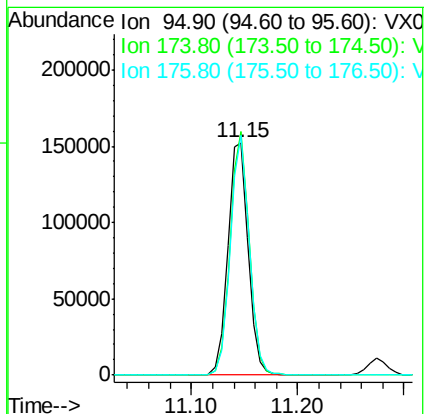
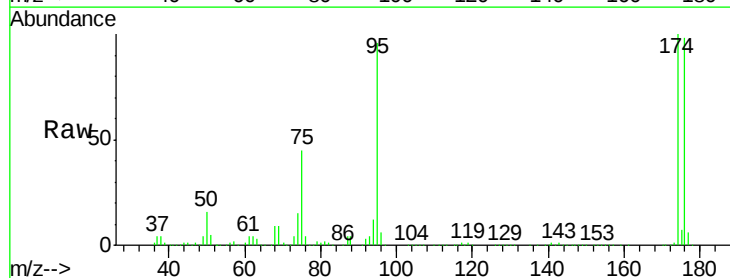
Tgt Ion: 95 Resp: 204111

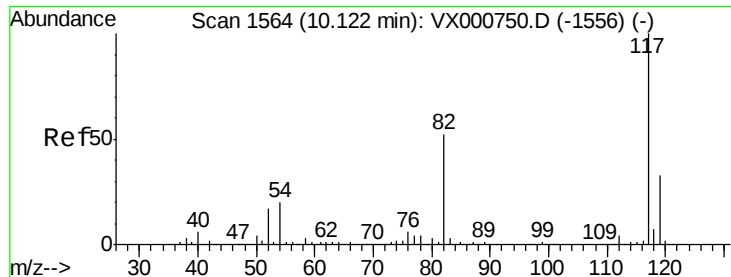
Ion Ratio Lower Upper

95 100

174 98.6 0.0 198.4

176 96.5 0.0 194.4





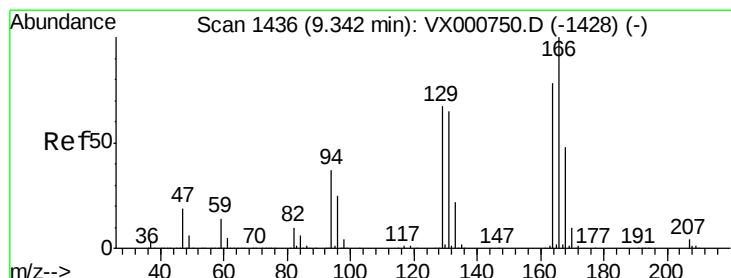
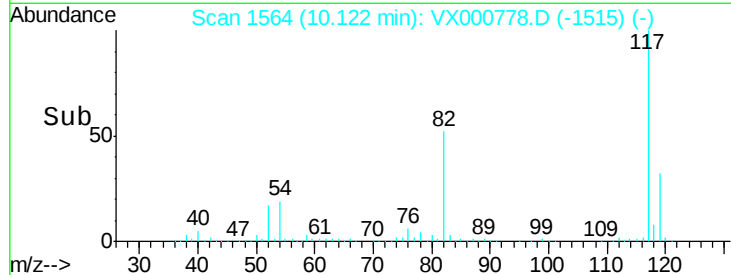
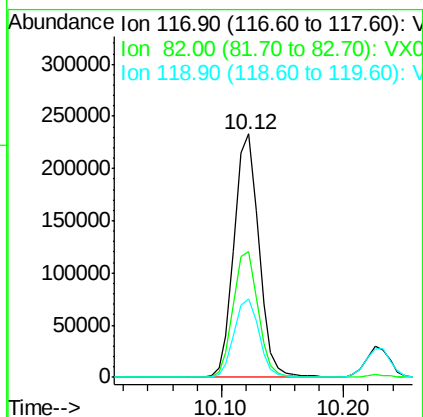
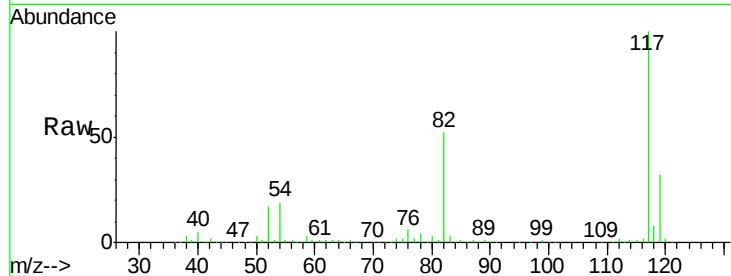
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000778.D
Acq: 11 Apr 2018 15:05

Instrument :
MSVOA_X
ClientSampleId :
VX0411WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.7	41.9	62.9
119	32.5	26.0	39.0

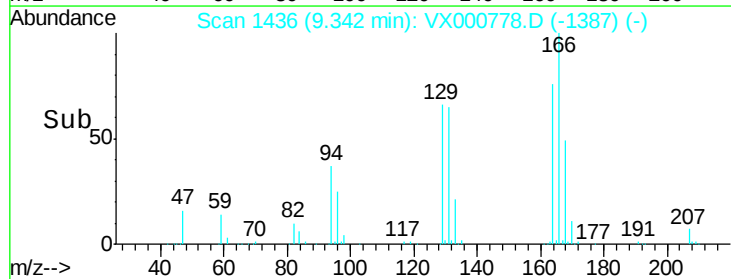
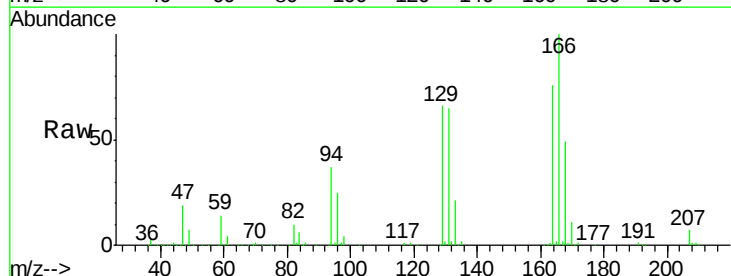
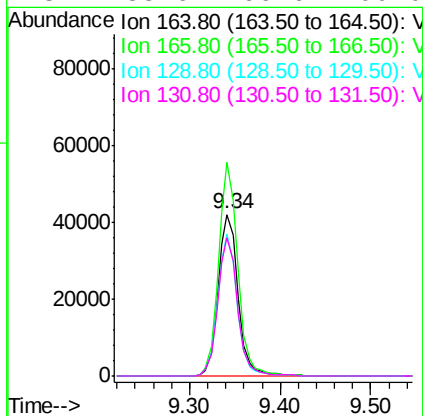
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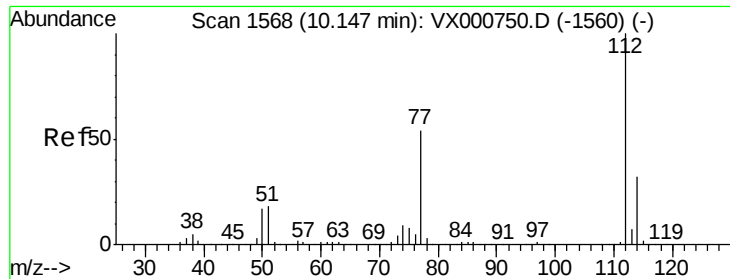
MMDadoda
4/12/2018 10:51:25 AM



#64
Tetrachloroethene
Concen: 20.13 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000778.D
Acq: 11 Apr 2018 15:05

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.3	102.8	154.2
129	87.9	68.5	102.7
131	85.6	66.6	100.0





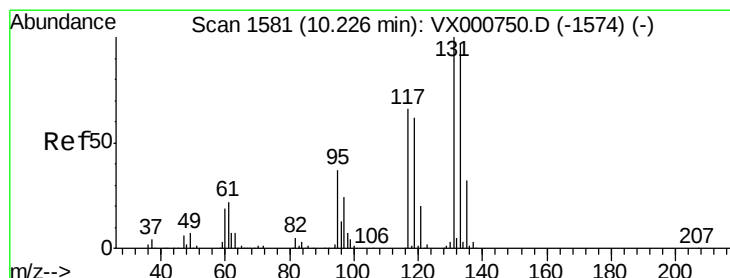
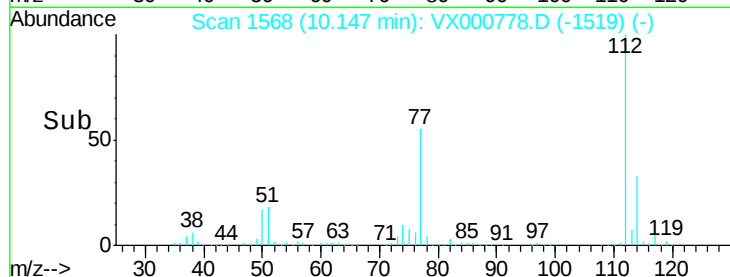
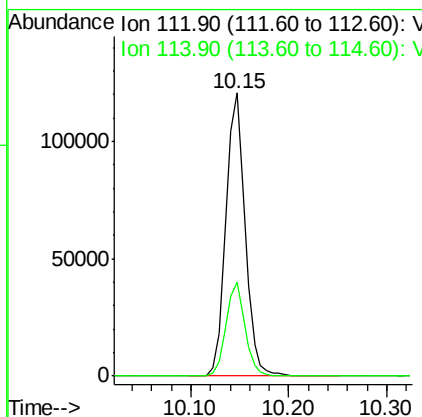
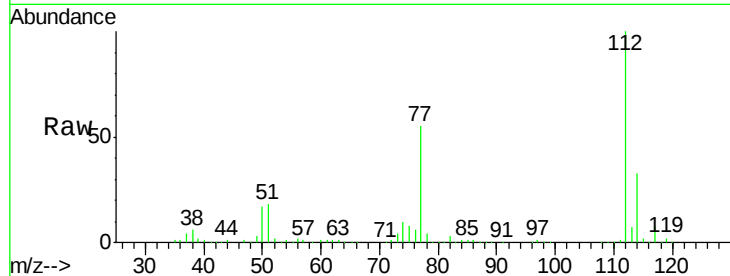
#65
Chlorobenzene
Concen: 20.05 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000778.D
Acq: 11 Apr 2018 15:05

Instrument :
MSVOA_X
ClientSampled :
VX0411WBS01

Tot Ion:112 Resp: 165270
Ion Ratio Lower Upper
112 100
114 33.1 25.8 38.8

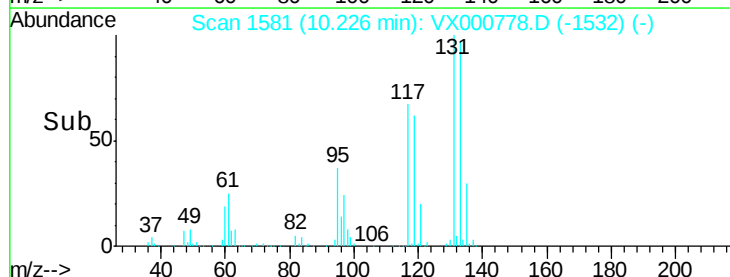
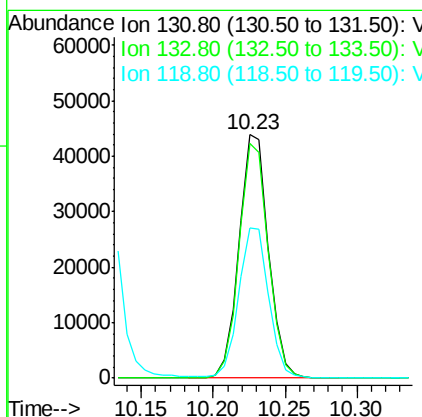
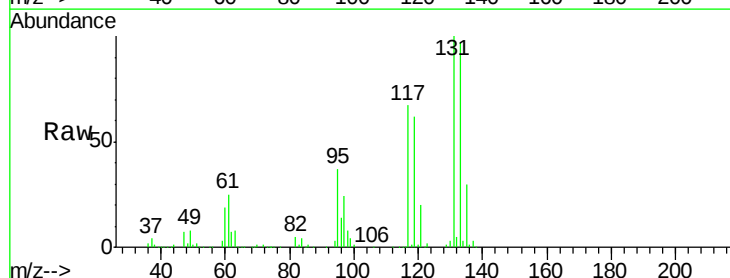
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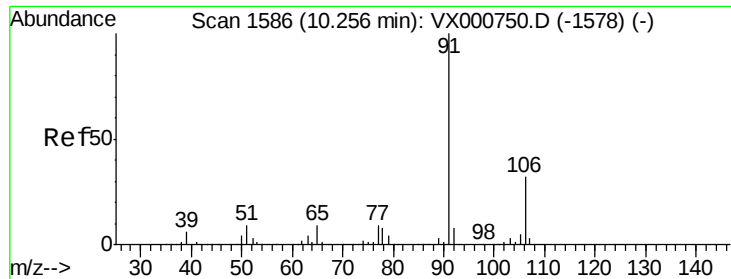
MMDadoda
4/12/2018 10:51:25 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.00 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX000778.D
Acq: 11 Apr 2018 15:05

Tgt Ion:131 Resp: 62061
Ion Ratio Lower Upper
131 100
133 96.2 48.3 144.9
119 63.1 31.4 94.0





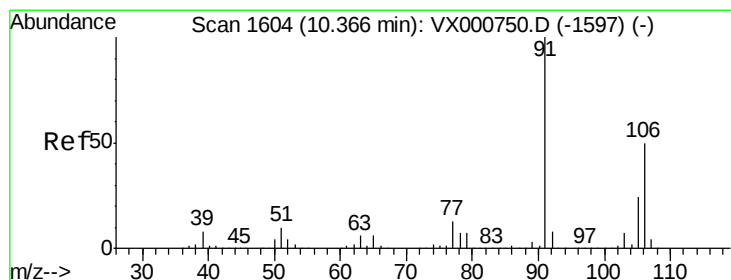
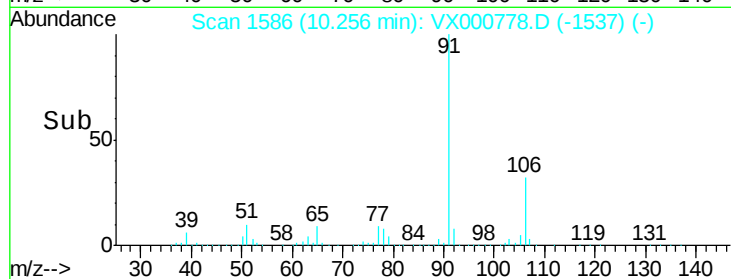
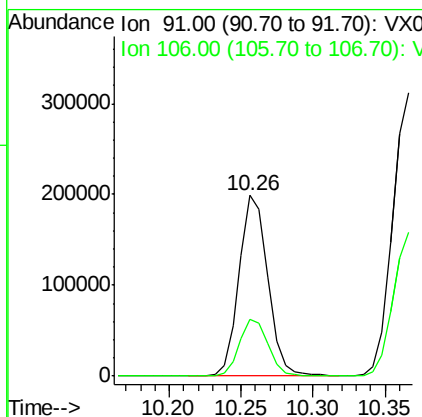
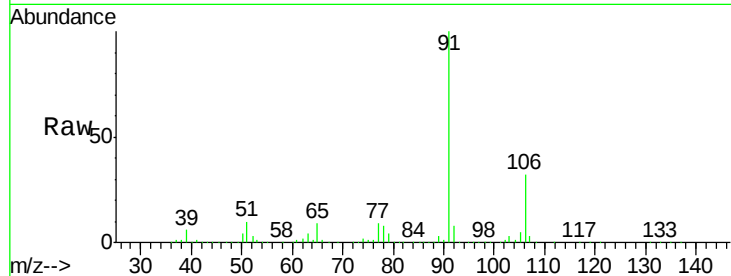
#67
Ethyl Benzene
Concen: 20.18 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX000778.D
Acq: 11 Apr 2018 15:05

Instrument :
MSVOA_X
ClientSampled :
VX0411WBS01

Tot Ion: 91 Resp: 277401
Ion Ratio Lower Upper
91 100
106 31.6 25.4 38.0

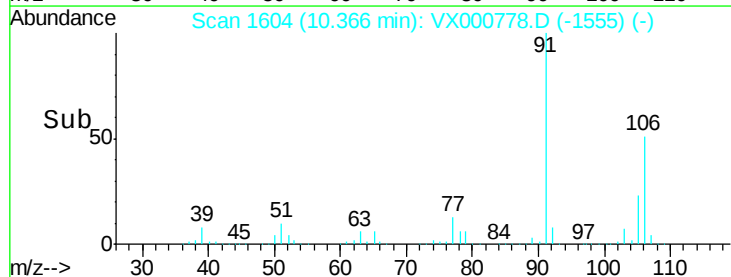
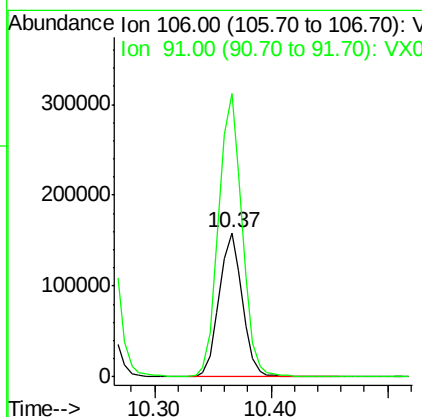
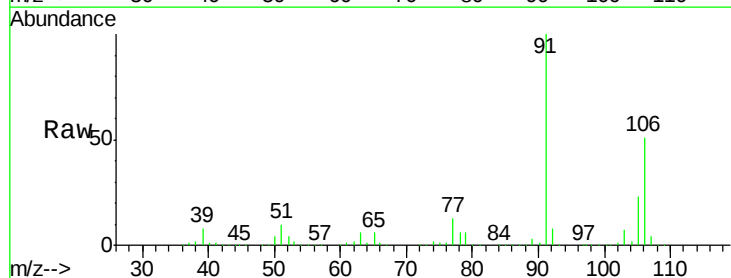
Manual Integrations
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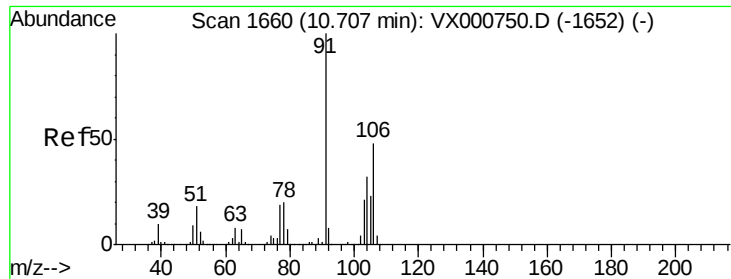
MMDadoda
4/12/2018 10:51:25 AM



#68
m/p-Xylenes
Concen: 39.98 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000778.D
Acq: 11 Apr 2018 15:05

Tgt Ion: 106 Resp: 216849
Ion Ratio Lower Upper
106 100
91 200.3 159.3 238.9





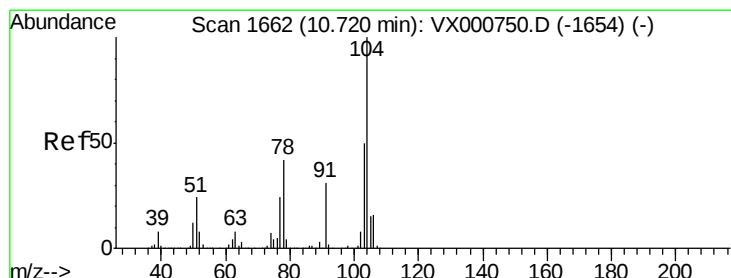
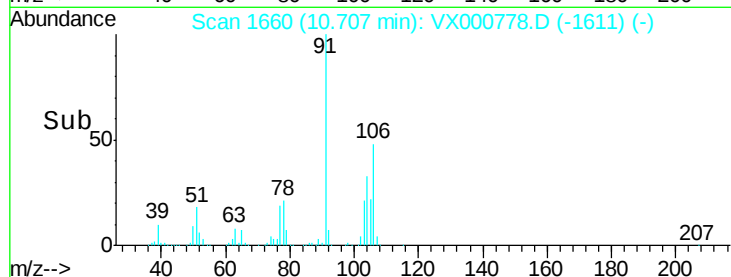
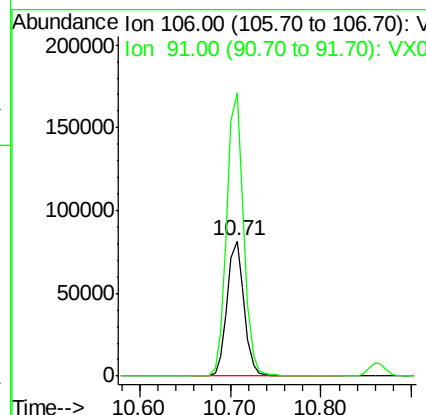
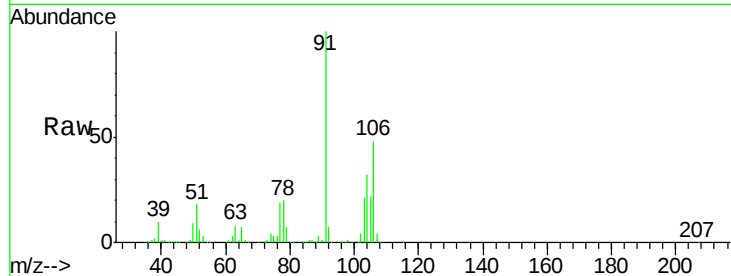
#69
o-Xylene
Concen: 20.39 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000778.D
Acq: 11 Apr 2018 15:05

Instrument :
MSVOA_X
ClientSampleId :
VX0411WBS01

Tot Ion	Ratio	Resp	Lower	Upper
106	100	106606		
91	208.8	105.0	315.0	

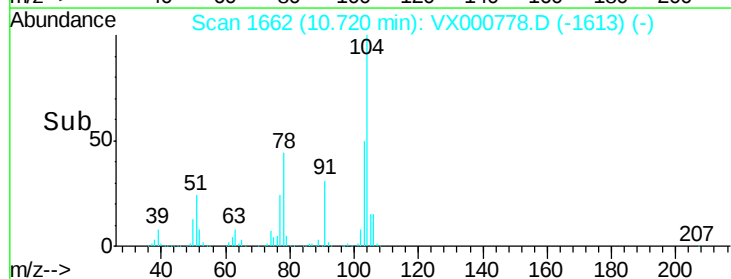
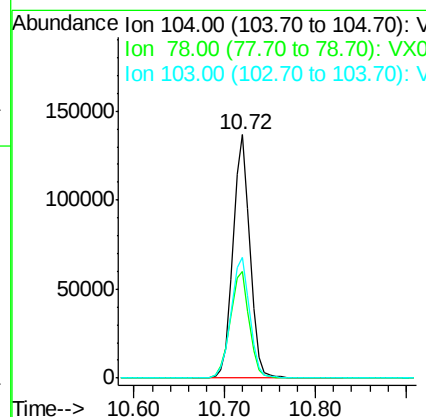
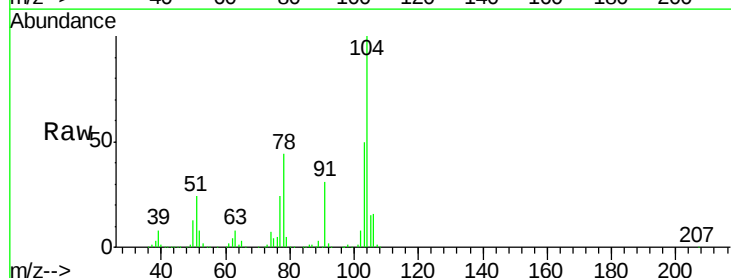
Manual Integrations
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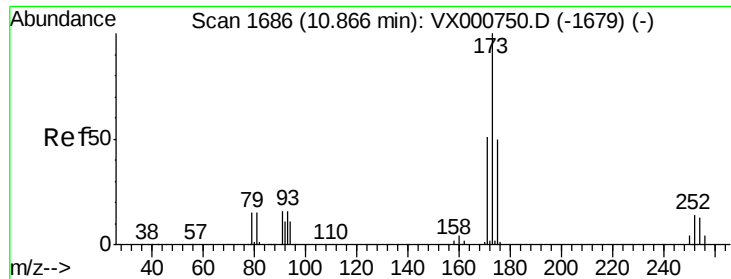
MMDadoda
4/12/2018 10:51:25 AM



#70
Styrene
Concen: 20.07 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000778.D
Acq: 11 Apr 2018 15:05

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	176885		
78	49.1	39.0	58.6	
103	55.3	44.1	66.1	





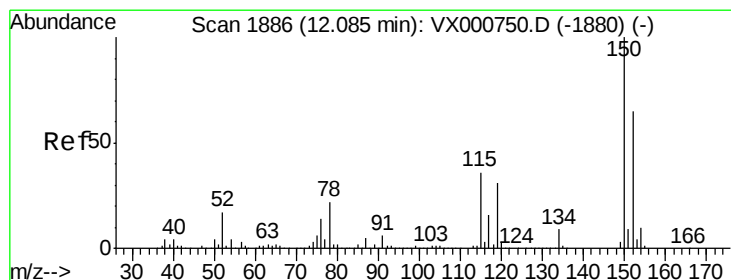
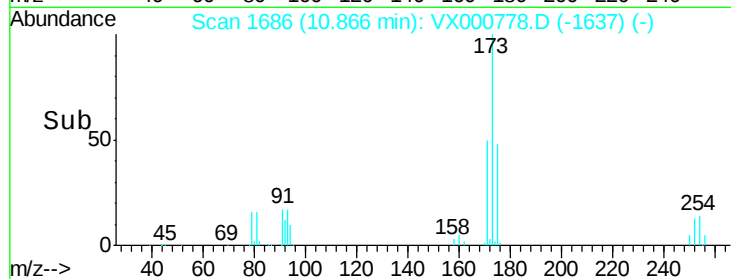
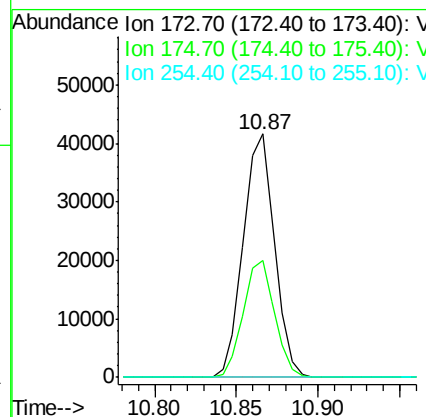
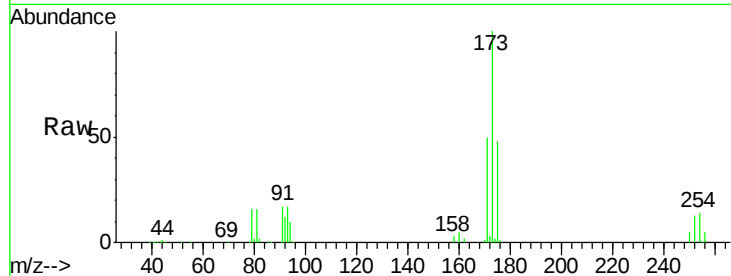
#71
Bromoform
Concen: 19.43 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VX000778.D
Acq: 11 Apr 2018 15:05

Instrument :
MSVOA_X
ClientSampleId :
VX0411WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.5	73.5
254	0.1	0.2	0.2

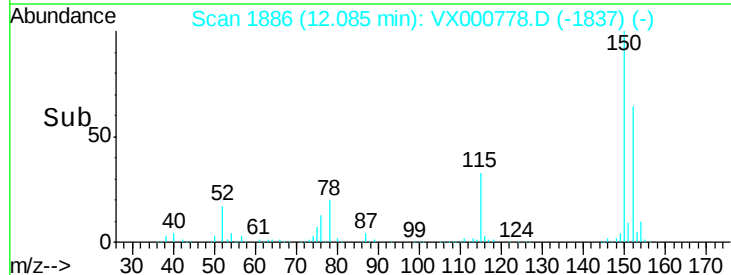
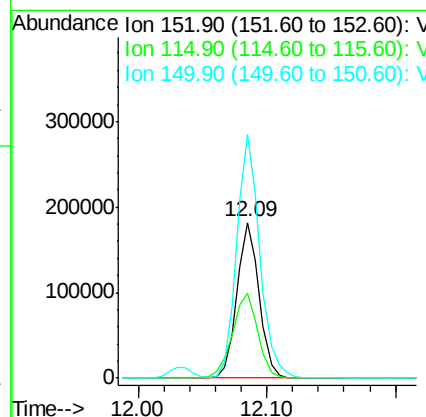
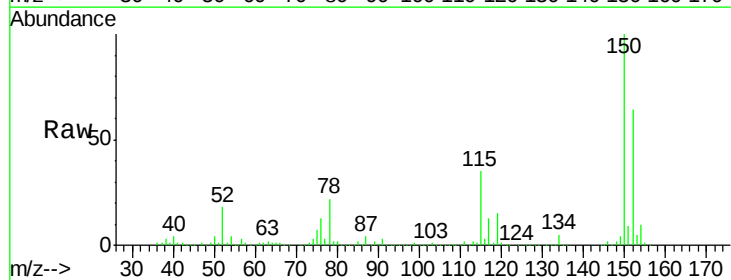
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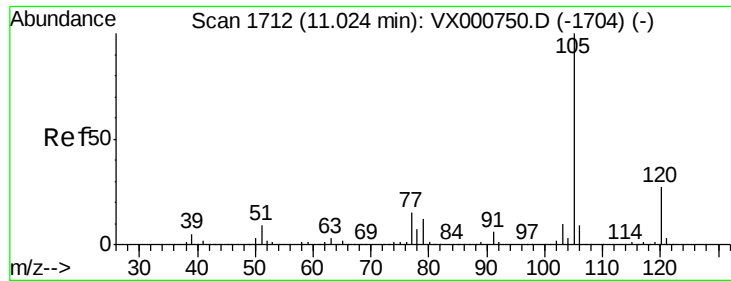
MMDadoda
4/12/2018 10:51:25 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000778.D
Acq: 11 Apr 2018 15:05

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.6	37.9	113.7
150	163.4	0.0	348.0





#73

Isopropylbenzene

Concen: 20.55 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000778.D

Acq: 11 Apr 2018 15:05

Instrument :

MSVOA_X

ClientSampled :

VX0411WBS01

Tot Ion: 105 Resp: 284602

Ion Ratio Lower Upper

105 100

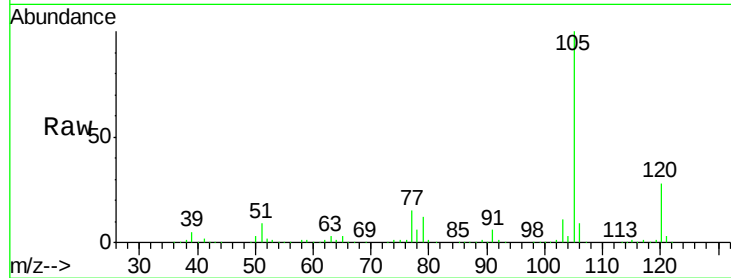
120 27.3 13.7 41.0

Manual Integrations

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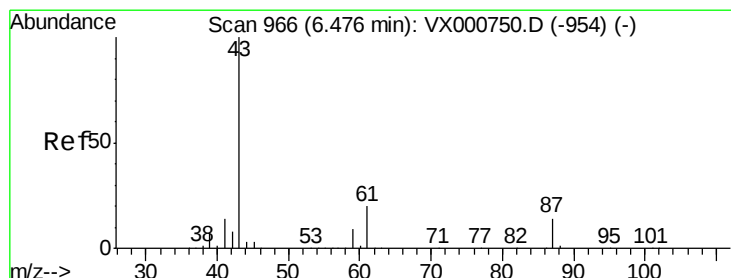
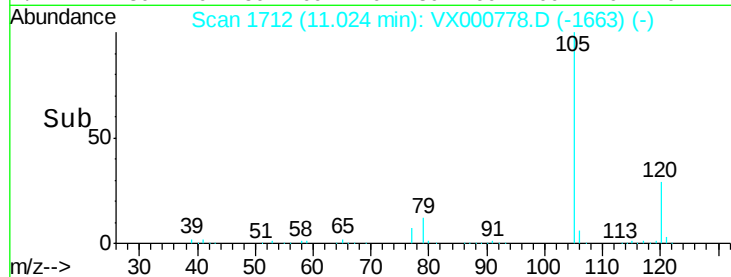
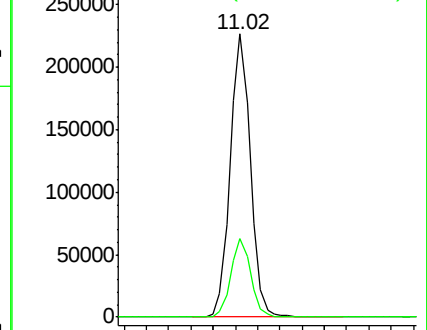
MMDadoda

4/12/2018 10:51:25 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.11 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX000778.D

Acq: 11 Apr 2018 15:05

Tgt Ion: 43 Resp: 131702

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.2 0.0 0.0#

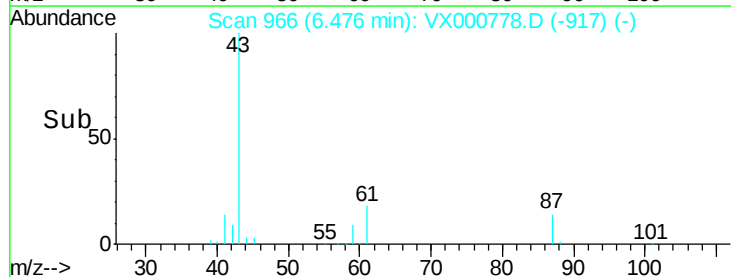
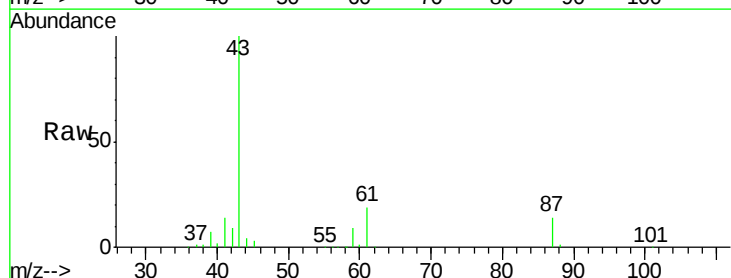
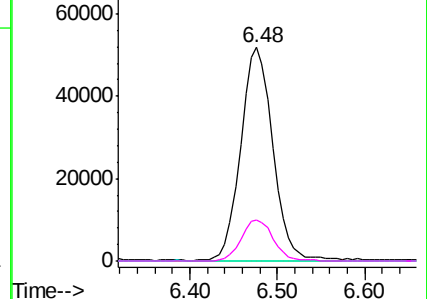
61 19.4 15.6 23.4

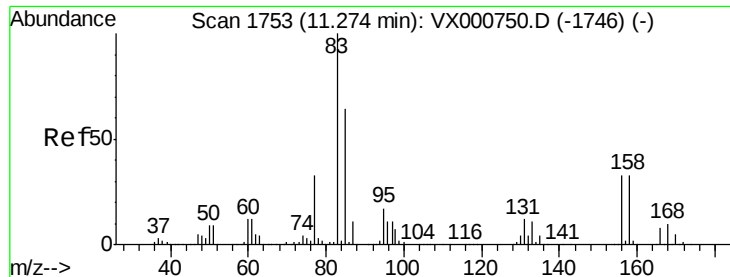
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.82 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000778.D

Acq: 11 Apr 2018 15:05

Instrument :

MSVOA_X

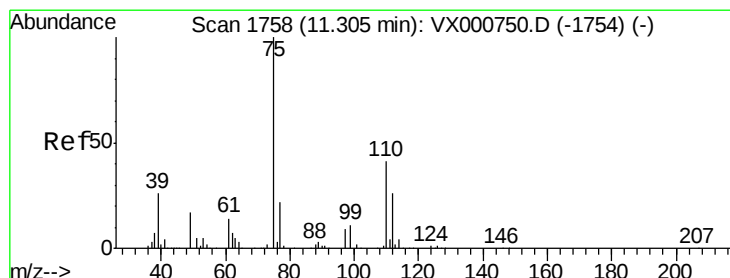
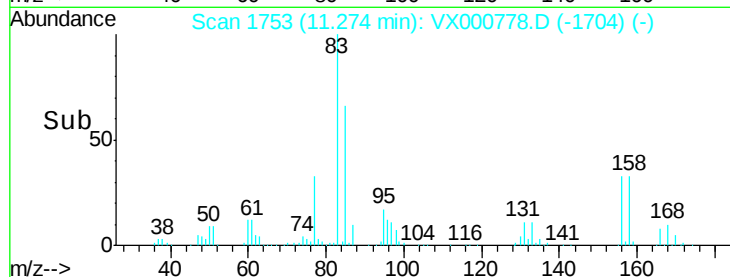
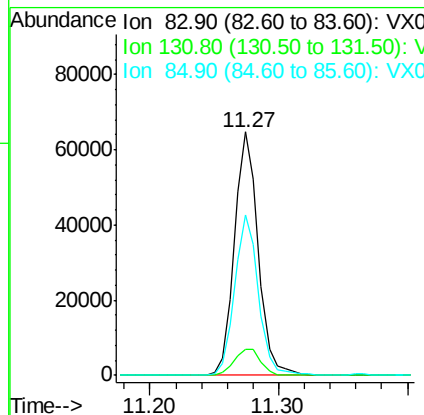
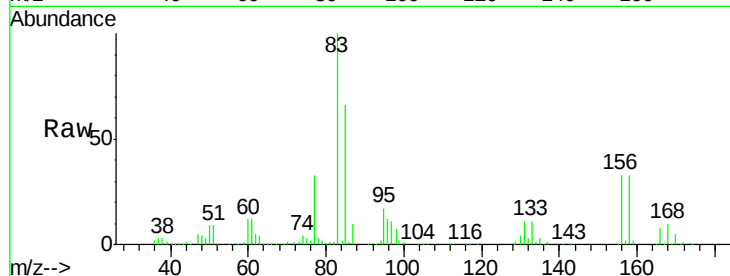
ClientSampleId :

VX0411WBS01

Tot Ion:	83	Resp:	83680
Ion	Ratio	Lower	Upper
83	100		
131	12.0	6.0	18.0
85	65.8	32.3	96.8

Manual Integrations
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MMDadoda
4/12/2018 10:51:25 AM



#76

1,2,3-Trichloropropane

Concen: 21.36 ug/l m

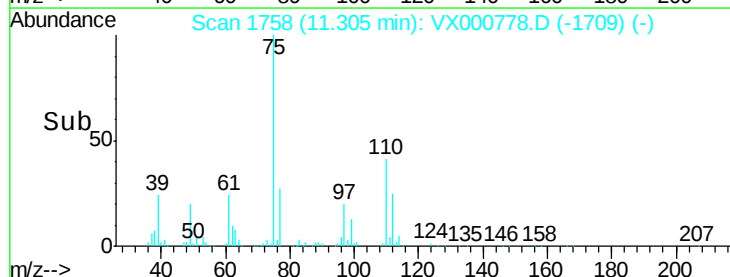
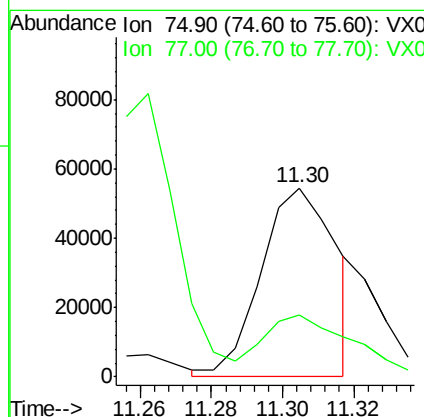
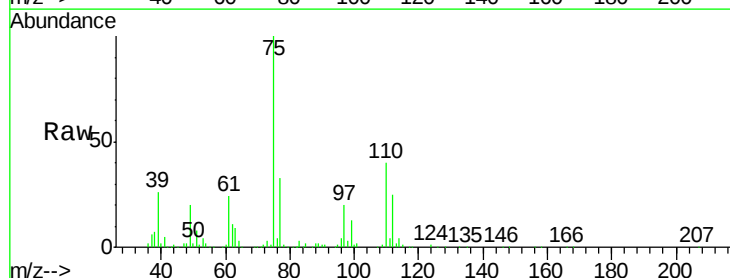
RT: 11.30 min Scan# 1758

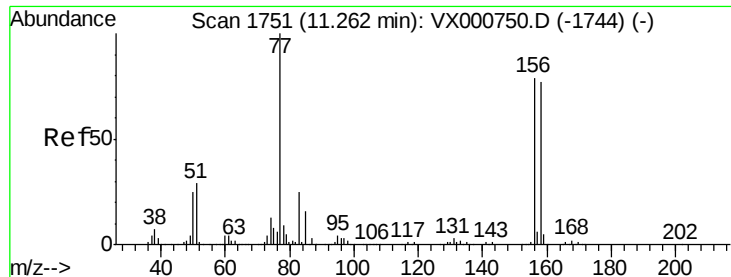
Delta R.T. -0.00 min

Lab File: VX000778.D

Acq: 11 Apr 2018 15:05

Tgt Ion:	75	Resp:	80432
Ion	Ratio	Lower	Upper
75	100		
77	38.8	20.5	61.5





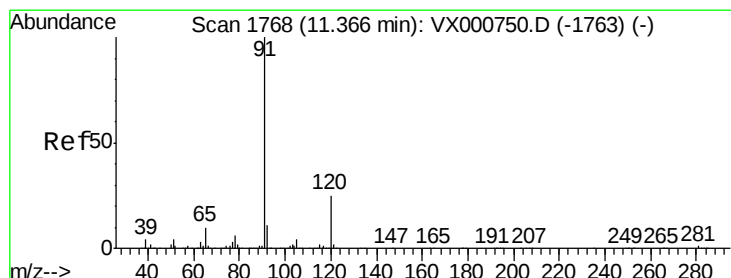
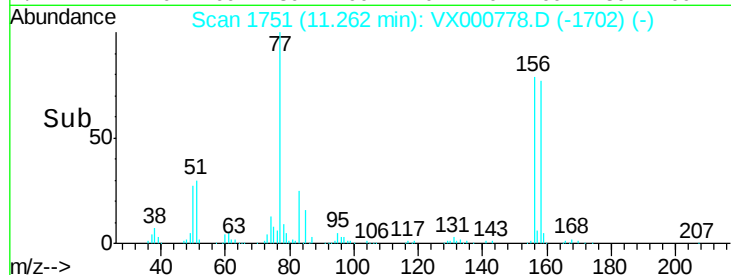
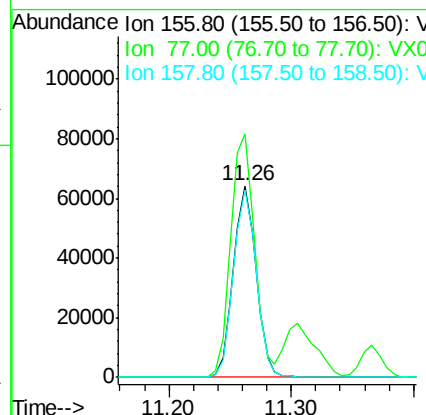
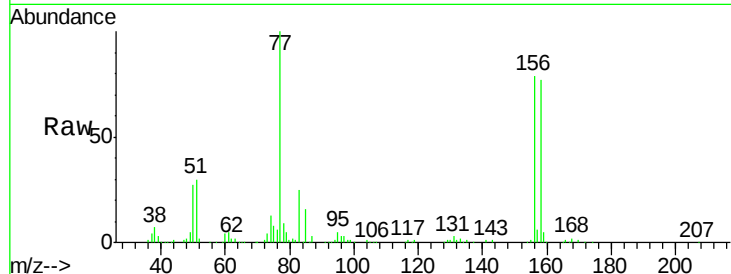
#77
Bromobenzene
Concen: 20.31 ug/l
RT: 11.26 min Scan# 1751
Delta R.T. -0.00 min
Lab File: VX000778.D
Acq: 11 Apr 2018 15:05

Instrument :
MSVOA_X
ClientSampleId :
VX0411WBS01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	133.7	66.0	198.2	
158	98.3	48.8	146.4	

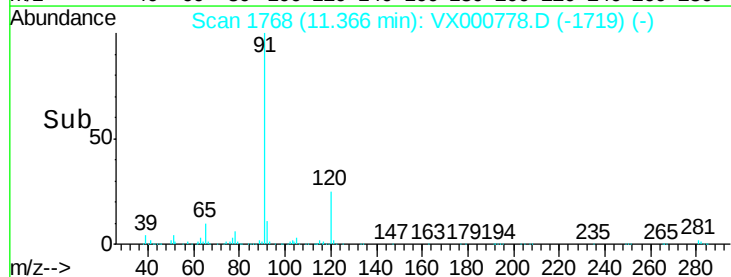
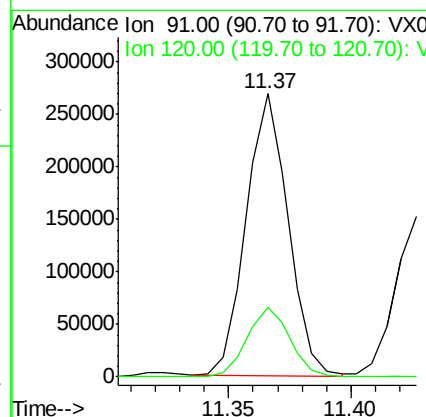
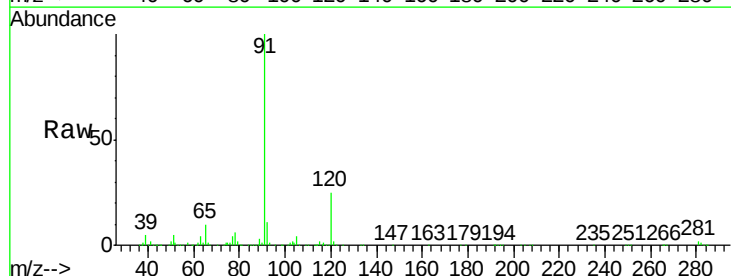
Manual Integrations
APPROVED

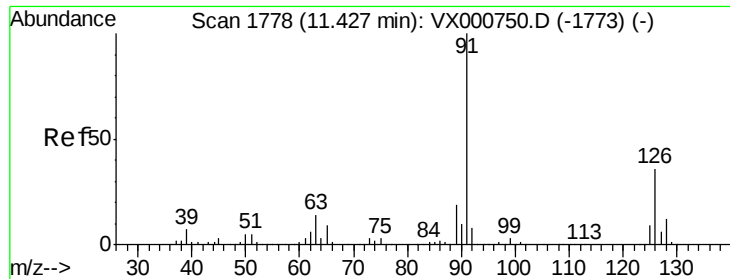
MMDadoda
4/12/2018 10:51:25 AM



#78
n-propylbenzene
Concen: 20.28 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. -0.00 min
Lab File: VX000778.D
Acq: 11 Apr 2018 15:05

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	25.2	12.6	37.6	





#79

2-Chlorotoluene

Concen: 20.41 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000778.D

Acq: 11 Apr 2018 15:05

Instrument :

MSVOA_X

ClientSampleId :

VX0411WBS01

Tot Ion: 91 Resp: 191085

Ion Ratio Lower Upper

91 100

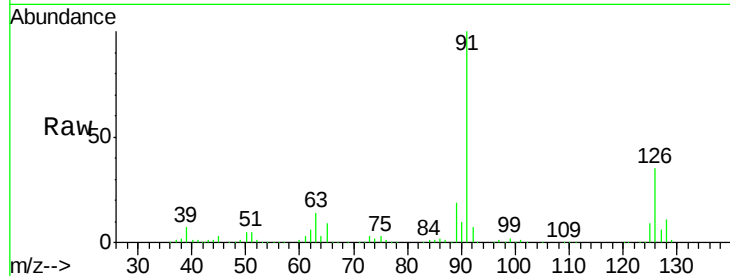
126 36.3 18.3 54.9

Manual Integrations

APPROVED

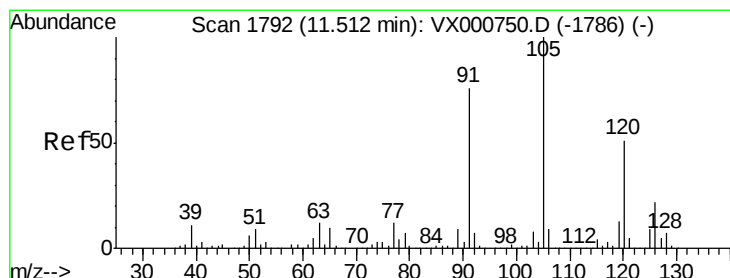
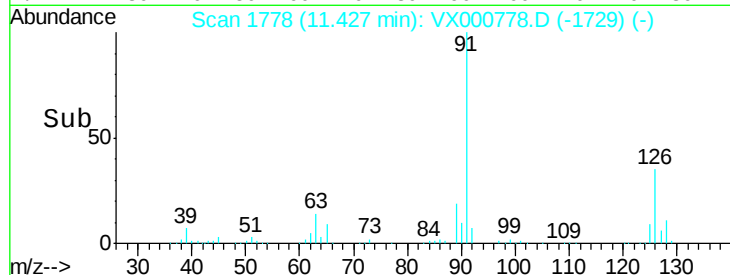
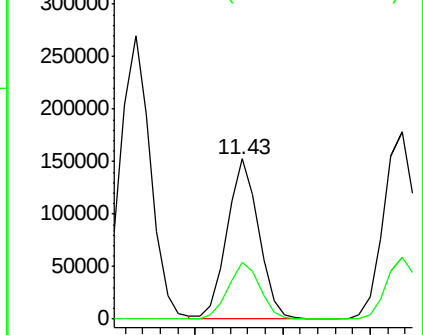
MMDadoda

4/12/2018 10:51:25 AM



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.38 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000778.D

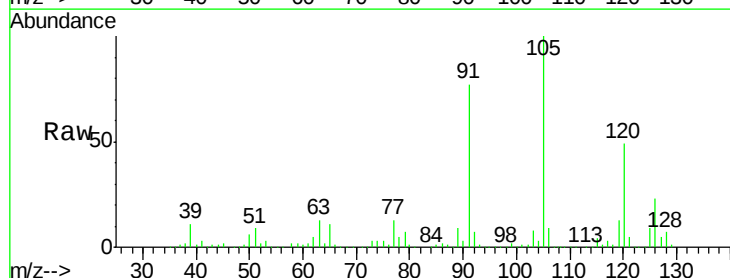
Acq: 11 Apr 2018 15:05

Tgt Ion:105 Resp: 242733

Ion Ratio Lower Upper

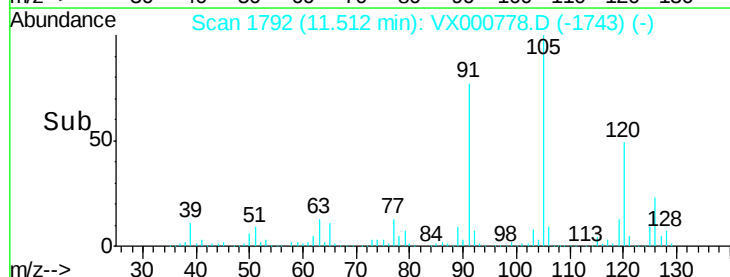
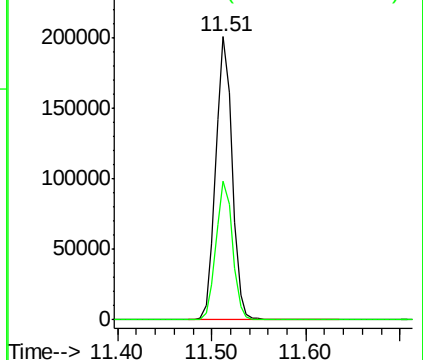
105 100

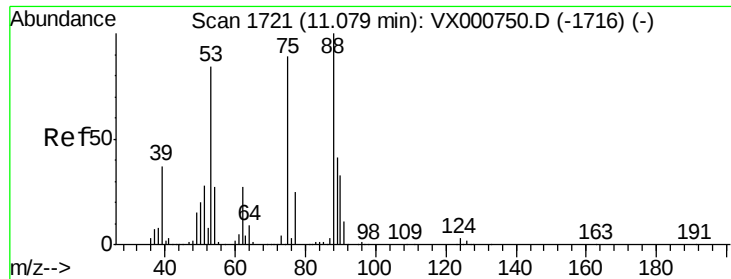
120 49.5 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





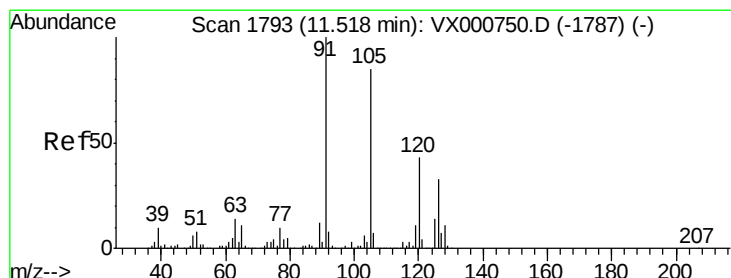
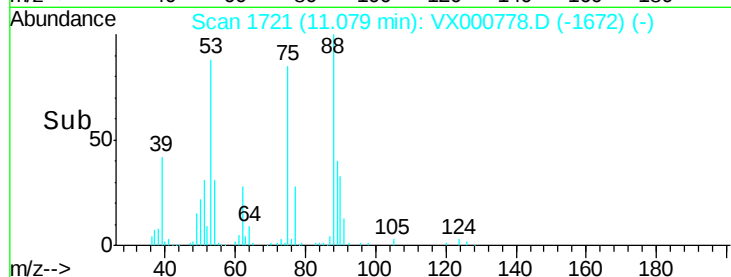
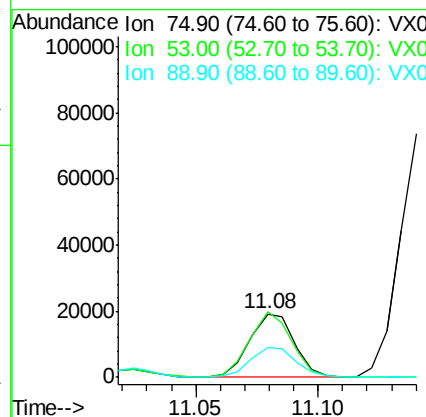
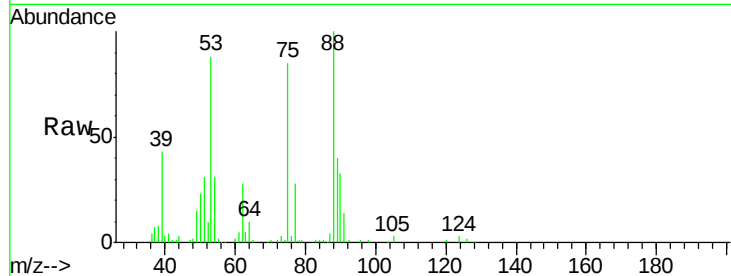
#81
trans-1,4-Dichloro-2-butene
Concen: 17.68 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX000778.D
Acq: 11 Apr 2018 15:05

Instrument :
MSVOA_X
ClientSampleId :
VX0411WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.7	75.4	113.0
89	49.6	40.9	61.3

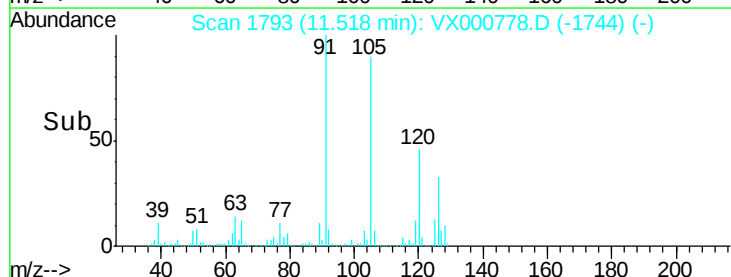
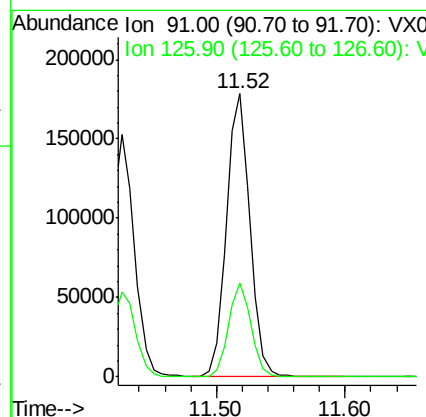
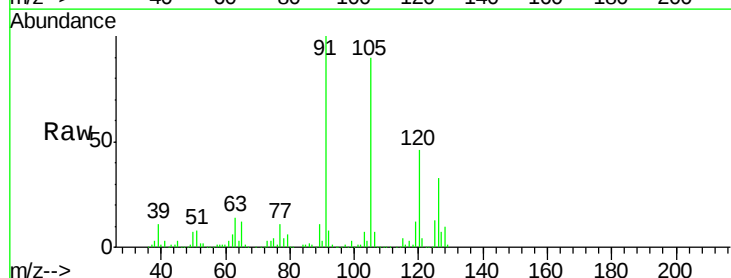
Manual Integrations
APPROVED

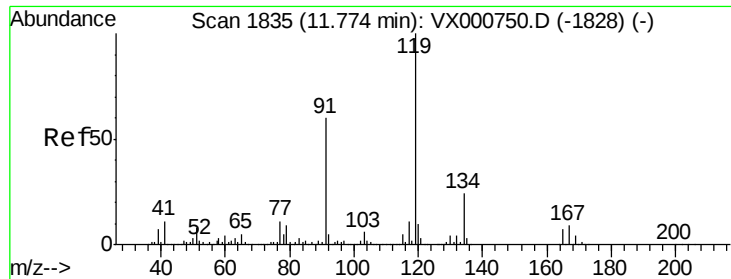
MMDadoda
4/12/2018 10:51:25 AM



#82
4-Chlorotoluene
Concen: 20.23 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000778.D
Acq: 11 Apr 2018 15:05

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.1	16.2	48.6





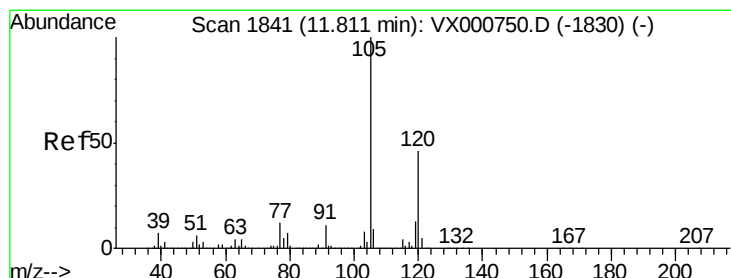
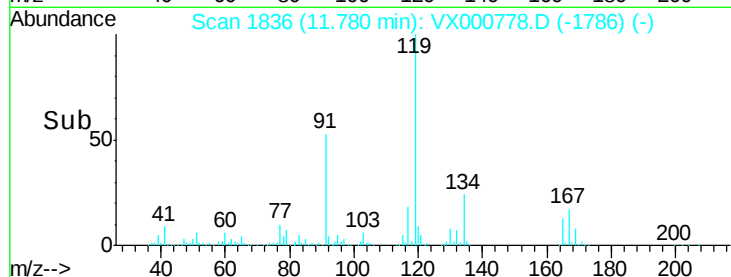
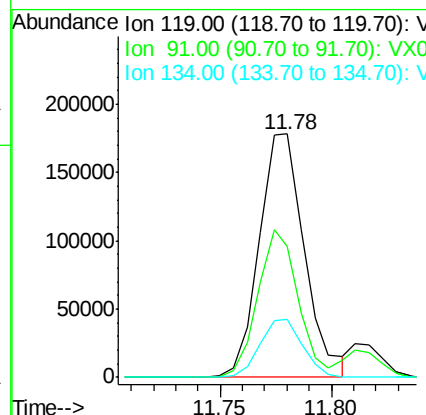
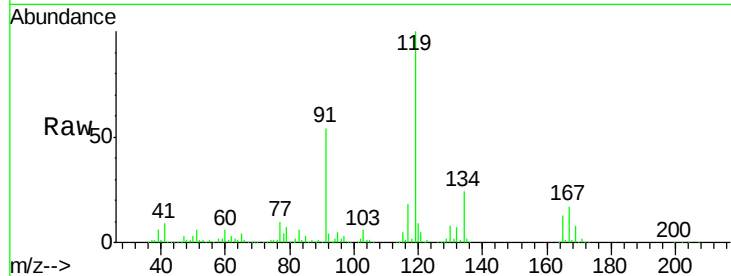
#83
tert-Butylbenzene
Concen: 20.72 ug/l
RT: 11.78 min Scan# 1836
Delta R.T. 0.01 min
Lab File: VX000778.D
Acq: 11 Apr 2018 15:05

Instrument :
MSVOA_X
ClientSampleId :
VX0411WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	252580		
91	54.1	26.8	80.3	
134	22.7	11.5	34.4	

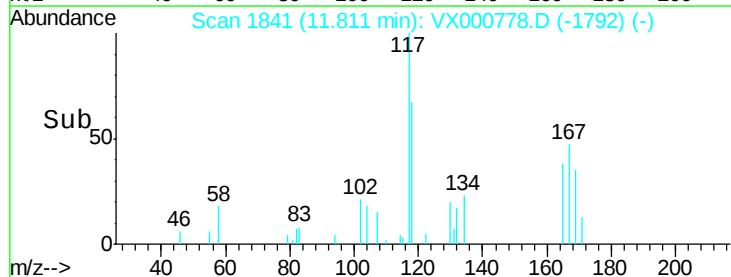
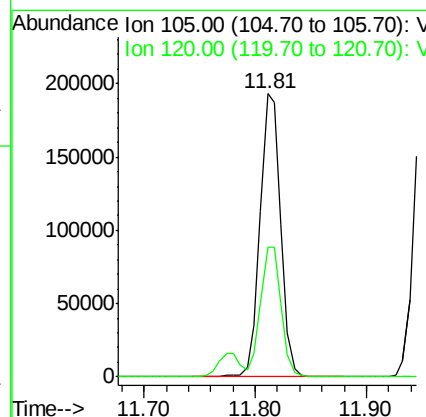
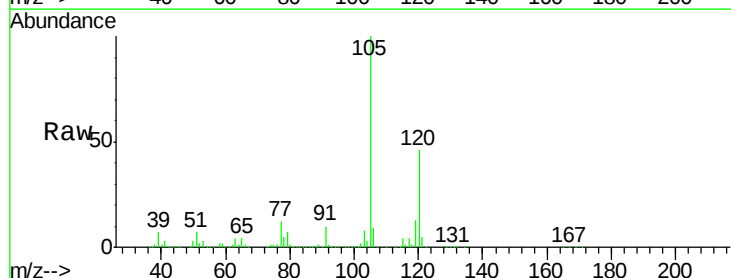
Manual Integrations
APPROVED

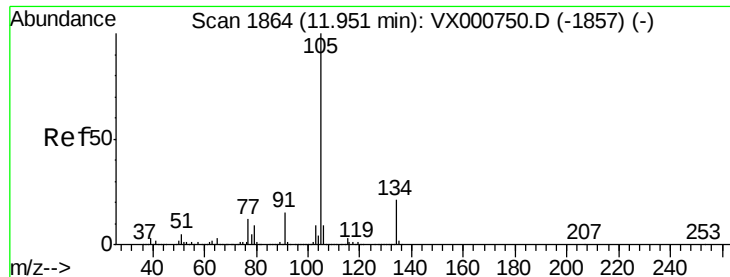
MMDadoda
4/12/2018 10:51:25 AM



#84
1,2,4-Trimethylbenzene
Concen: 20.32 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX000778.D
Acq: 11 Apr 2018 15:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	249871		
120	46.0	23.1	69.3	





#85

sec-Butylbenzene

Concen: 20.33 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX000778.D

Acq: 11 Apr 2018 15:05

Instrument :

MSVOA_X

ClientSampled :

VX0411WBS01

Tot Ion:105 Resp: 292272

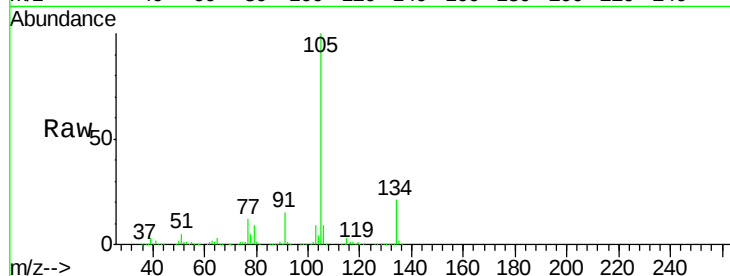
Ion Ratio Lower Upper

105 100

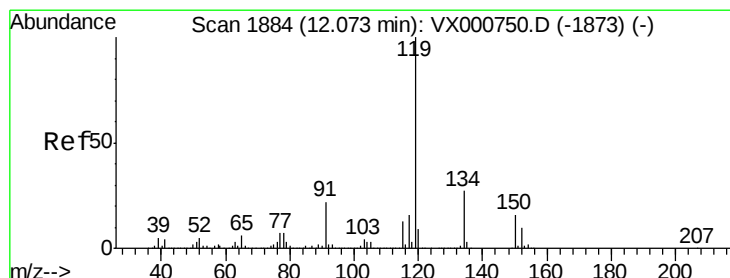
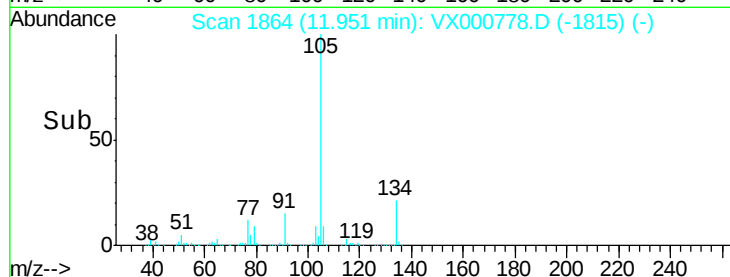
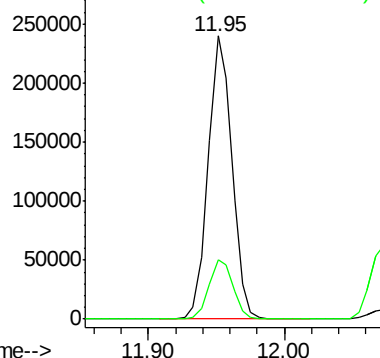
134 21.4 10.8 32.4

Manual Integrations
APPROVED

MMDadoda
4/12/2018 10:51:25 AM



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.13 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000778.D

Acq: 11 Apr 2018 15:05

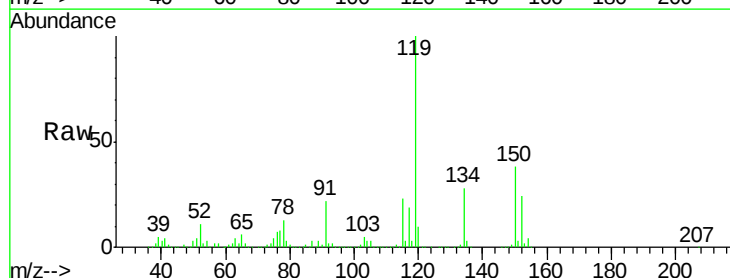
Tgt Ion:119 Resp: 269922

Ion Ratio Lower Upper

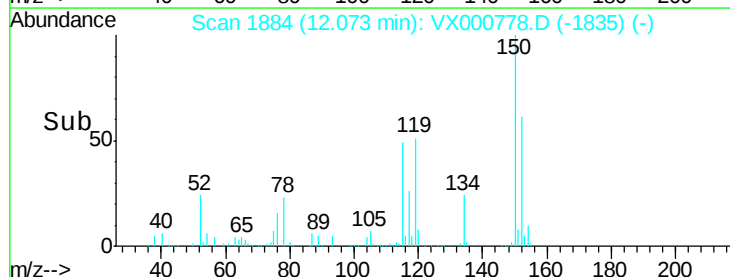
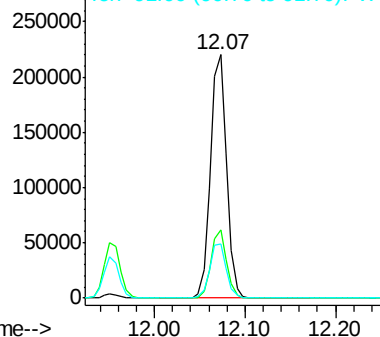
119 100

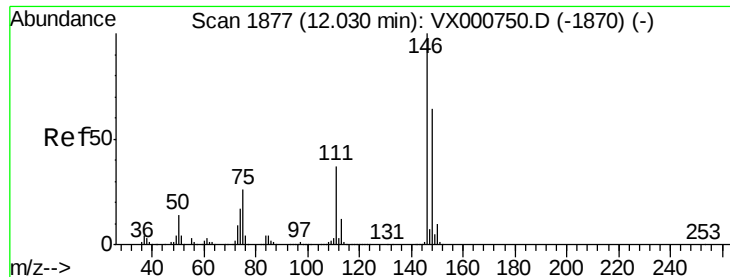
134 27.2 13.6 40.7

91 22.9 11.2 33.5



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





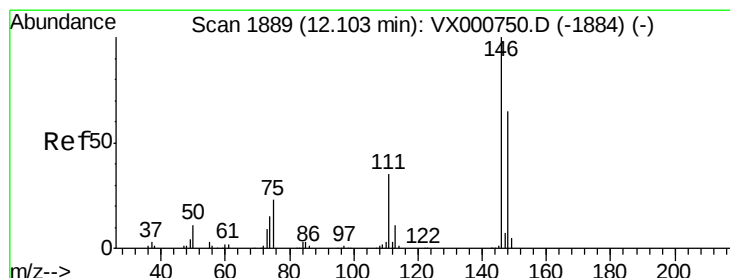
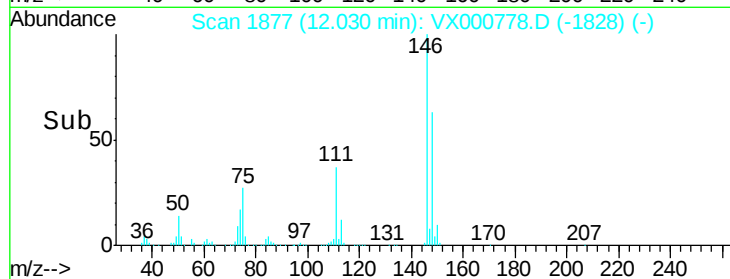
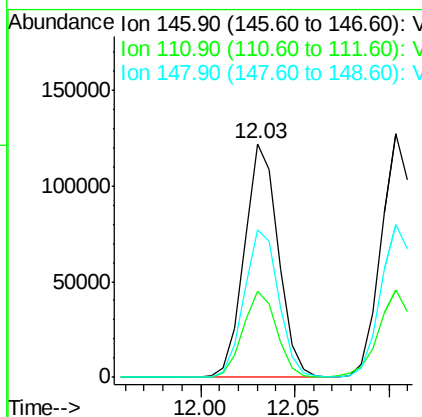
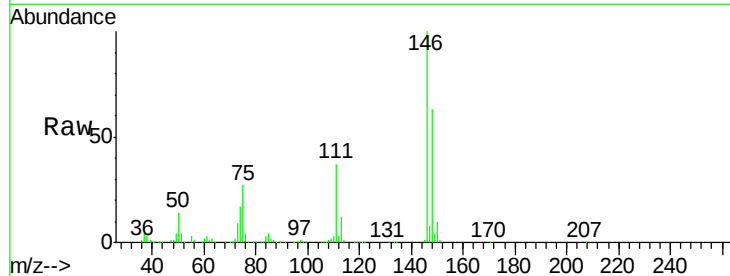
#87
 1,3-Dichlorobenzene
 Concen: 20.23 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX000778.D
 Acq: 11 Apr 2018 15:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0411WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.3	54.8
148	64.3	32.2	96.6

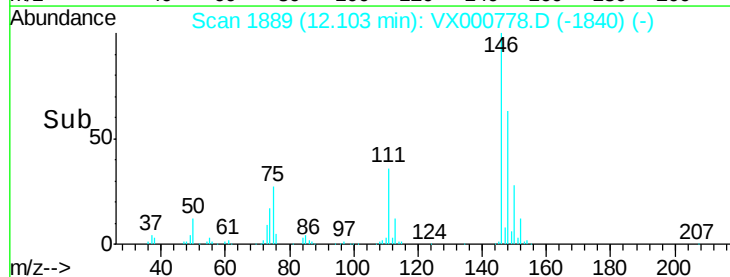
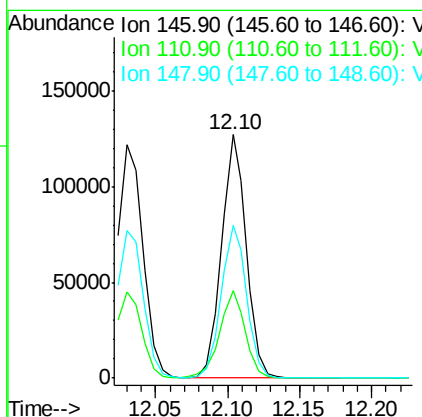
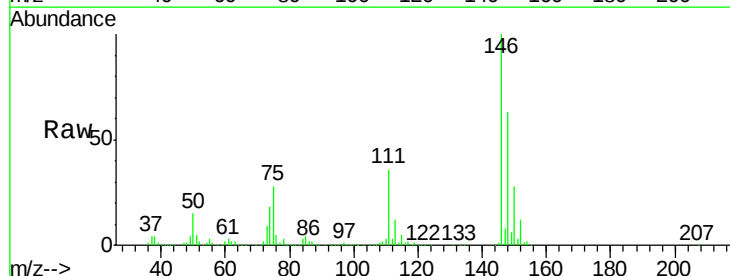
Manual Integrations
 APPROVED

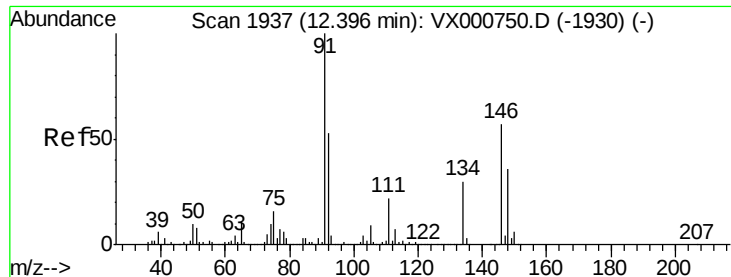
MMDadoda
 4/12/2018 10:51:25 AM



#88
 1,4-Dichlorobenzene
 Concen: 19.87 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX000778.D
 Acq: 11 Apr 2018 15:05

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	17.9	53.8
148	64.7	32.6	97.7





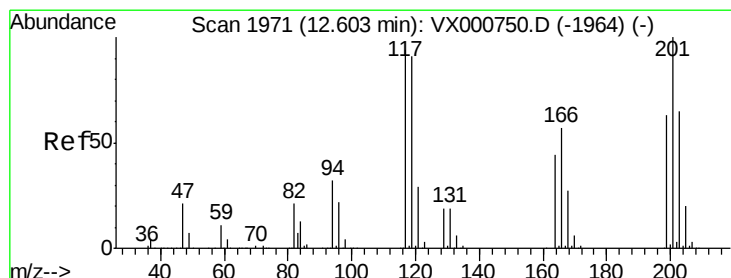
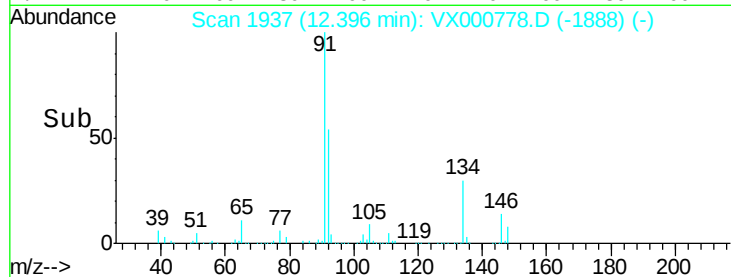
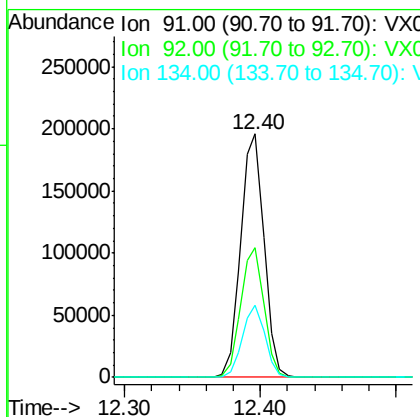
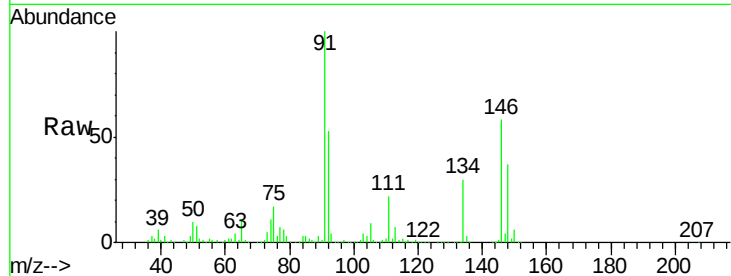
#89
n-Butylbenzene
Concen: 19.79 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000778.D
Acq: 11 Apr 2018 15:05

Instrument :
MSVOA_X
ClientSampleId :
VX0411WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	234161		
92	53.1	26.5	79.5	
134	29.0	14.5	43.5	

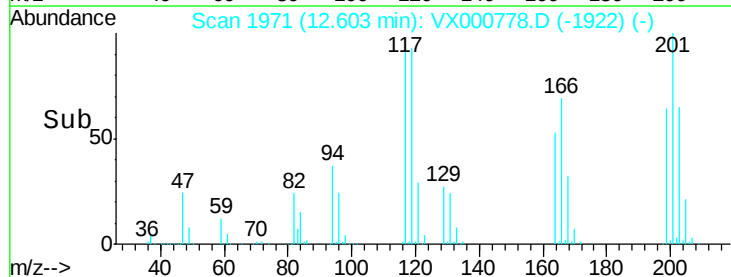
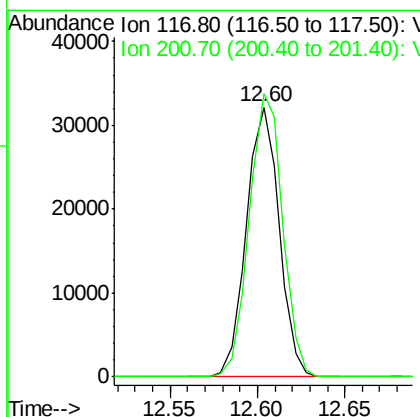
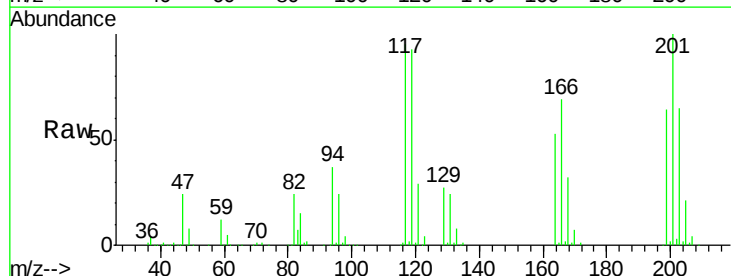
Manual Integrations
APPROVED

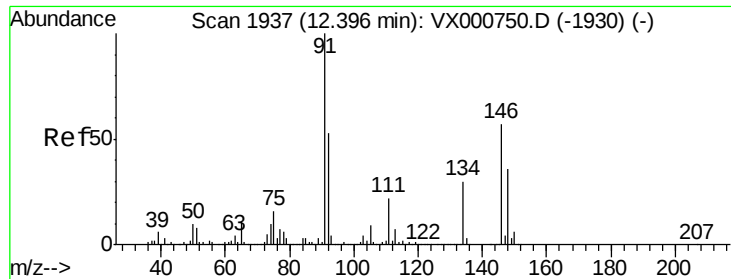
MMDadoda
4/12/2018 10:51:25 AM



#90
Hexachloroethane
Concen: 18.50 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000778.D
Acq: 11 Apr 2018 15:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	41976		
201	106.4	52.9	158.7	





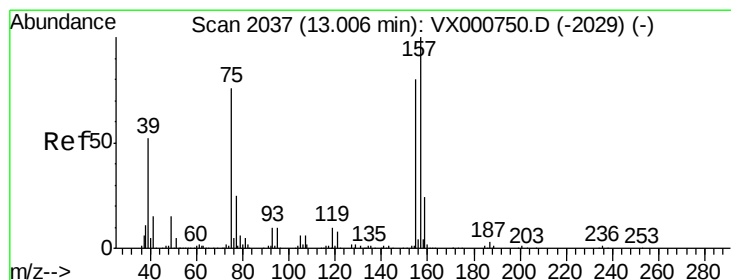
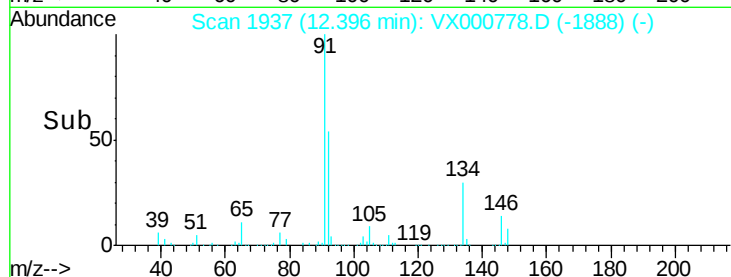
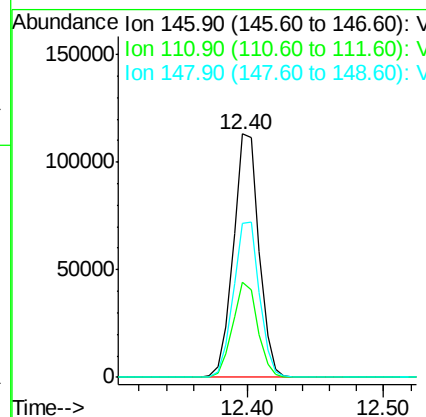
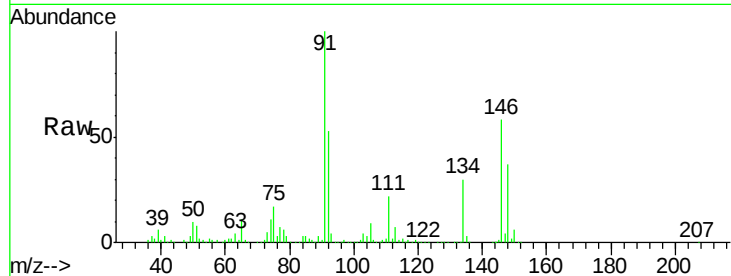
#91
 1,2-Dichlorobenzene
 Concen: 20.39 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX000778.D
 Acq: 11 Apr 2018 15:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0411WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.9	56.7
148	64.6	32.0	96.2

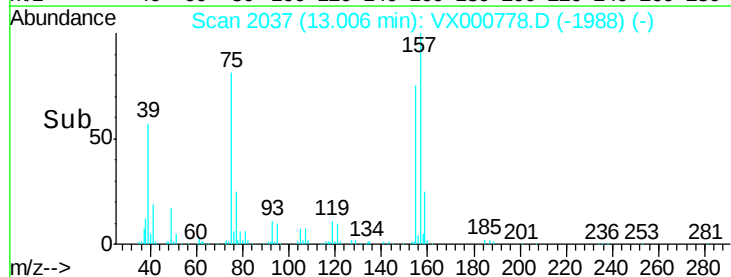
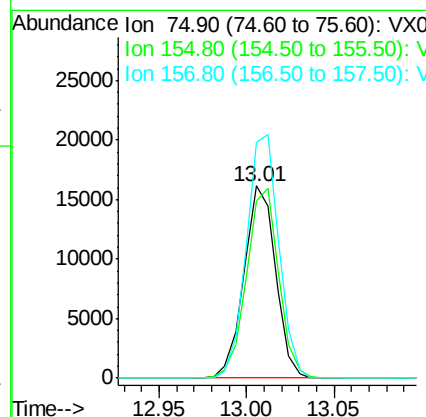
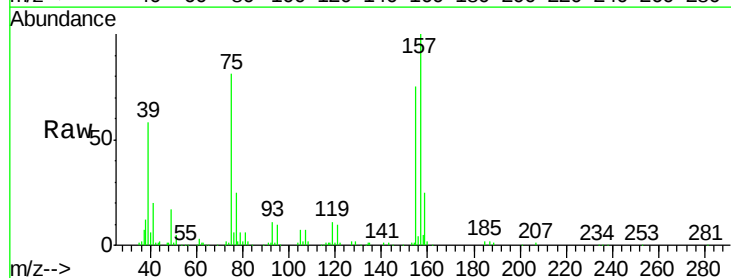
Manual Integrations
 APPROVED

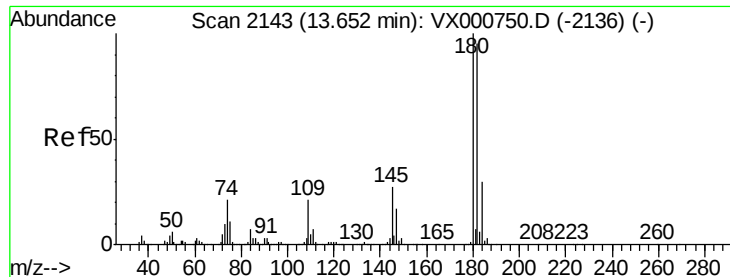
MMDadoda
 4/12/2018 10:51:25 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.17 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX000778.D
 Acq: 11 Apr 2018 15:05

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.9	51.9	155.8
157	129.5	66.6	199.8





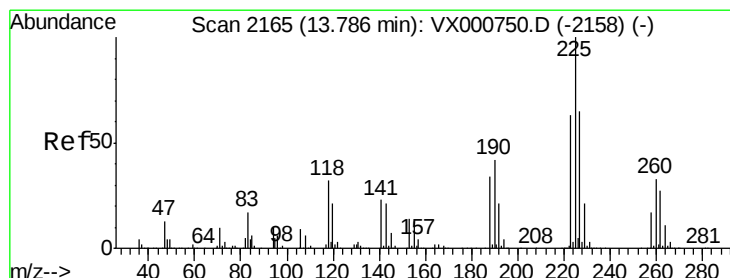
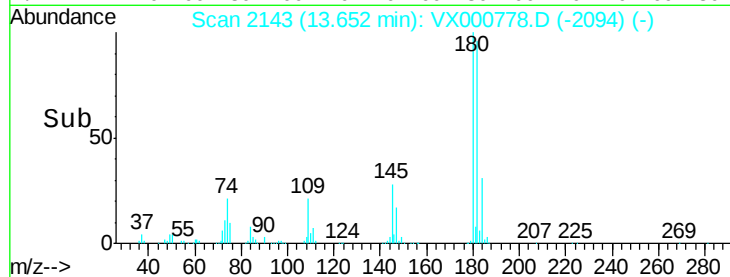
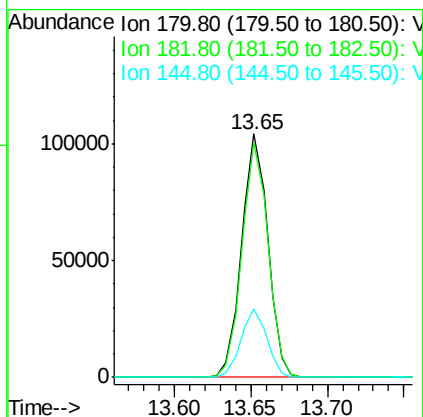
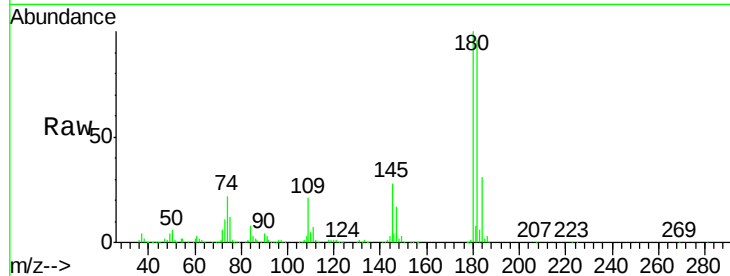
#93
 1,2,4-Trichlorobenzene
 Concen: 19.93 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000778.D
 Acq: 11 Apr 2018 15:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0411WBS01

Tot Ion:	180	Resp:	123355
Ion Ratio	Lower	Upper	
180	100		
182	96.2	47.5	142.5
145	28.0	13.8	41.4

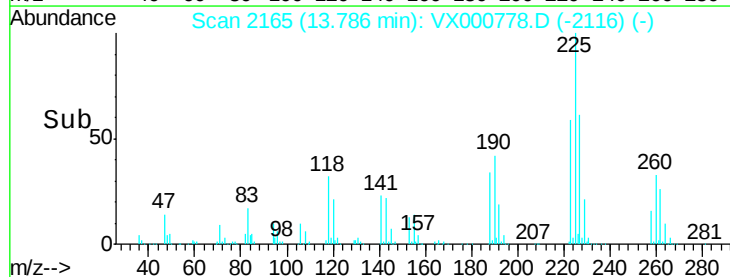
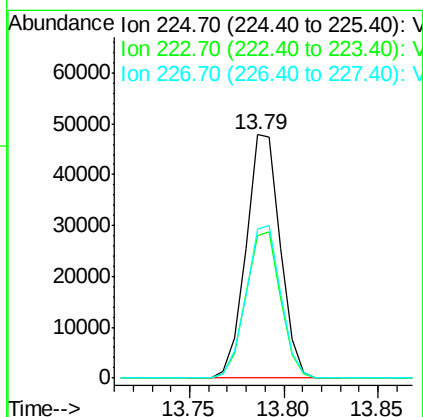
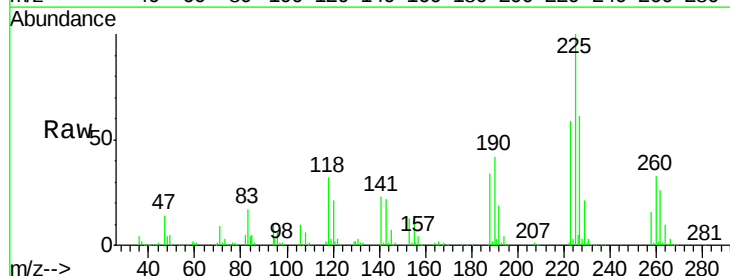
Manual Integrations
 APPROVED

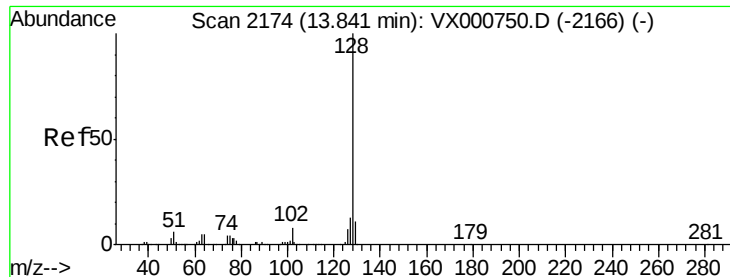
MMDadoda
 4/12/2018 10:51:25 AM



#94
 Hexachlorobutadiene
 Concen: 19.79 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX000778.D
 Acq: 11 Apr 2018 15:05

Tgt Ion:	225	Resp:	60224
Ion Ratio	Lower	Upper	
225	100		
223	61.1	31.2	93.6
227	63.3	32.3	96.9





#95

Naphthalene

Concen: 21.00 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000778.D

Acq: 11 Apr 2018 15:05

Instrument :

MSVOA_X

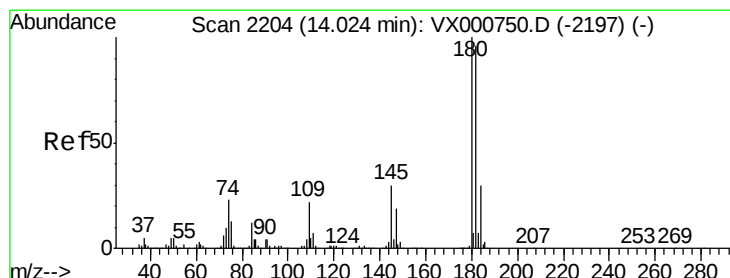
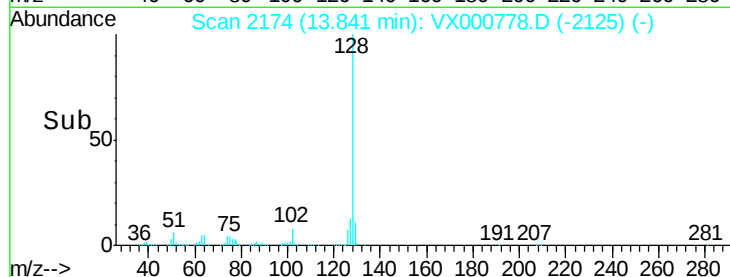
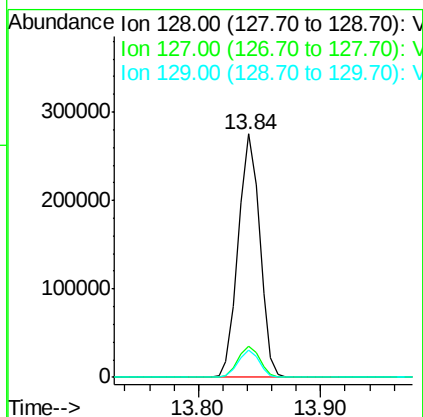
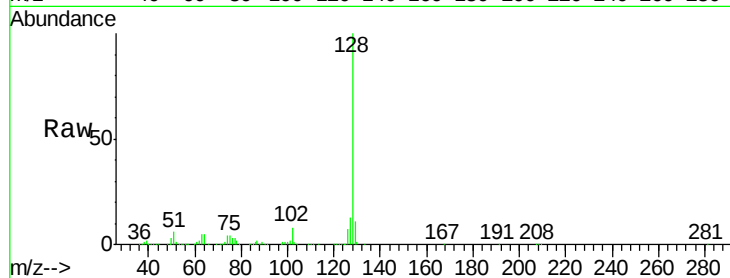
ClientSampleId :

VX0411WBS01

Tot Ion:	128	Resp:	333577
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.4	15.6
129	11.1	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
4/12/2018 10:51:25 AM



#96

1,2,3-Trichlorobenzene

Concen: 20.38 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.01 min

Lab File: VX000778.D

Acq: 11 Apr 2018 15:05

Tgt Ion:	180	Resp:	122501
Ion Ratio	Lower	Upper	
180	100		
182	95.4	48.4	145.2
145	28.9	14.6	43.8

