

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112618\
 Data File : VX006192.D
 Acq On : 26 Nov 2018 23:37
 Operator : JC/MD
 Sample : VX1126WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1126WBS02

Manual Integrations
 APPROVED

MMDadoda
 11/27/2018 11:43:50 AM

Quant Time: Nov 27 04:25:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 08:15:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	263138	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	389355	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	368348	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	200886	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	166483	54.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.20%	
35) Dibromofluoromethane	5.50	113	132951	53.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.38%	
50) Toluene-d8	8.71	98	498542	52.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.60%	
62) 4-Bromofluorobenzene	11.14	95	178351	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	38104	19.49	ug/l	97
3) Chloromethane	1.32	50	48235	19.53	ug/l	99
4) Vinyl Chloride	1.40	62	48930	19.47	ug/l	96
5) Bromomethane	1.64	94	30952	18.54	ug/l	99
6) Chloroethane	1.72	64	38654	36.92	ug/l	97
7) Trichlorofluoromethane	1.93	101	80913	24.62	ug/l	96
8) Diethyl Ether	2.19	74	32253	23.21	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	43245	22.19	ug/l	99
10) Methyl Iodide	2.51	142	40035	16.38	ug/l	99
11) Tert butyl alcohol	3.07	59	71142	109.68	ug/l	99
12) 1,1-Dichloroethene	2.37	96	41951	22.08	ug/l	96
13) Acrolein	2.29	56	38629	99.53	ug/l	98
14) Allyl chloride	2.73	41	76805	19.76	ug/l	100
15) Acrylonitrile	3.15	53	150374	104.96	ug/l	100
16) Acetone	2.45	43	153763	113.64	ug/l	97
17) Carbon Disulfide	2.57	76	104181	20.31	ug/l	98
18) Methyl Acetate	2.78	43	78097	22.51	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	136884	20.84	ug/l	96
20) Methylene Chloride	2.85	84	44108	21.34	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	41085	20.67	ug/l	95
22) Diisopropyl ether	3.87	45	176416	21.20	ug/l	91
23) Vinyl Acetate	3.82	43	753788	109.18	ug/l	100
24) 1,1-Dichloroethane	3.70	63	94319	24.06	ug/l	98
25) 2-Butanone	4.70	43	261556	104.15	ug/l	100
26) 2,2-Dichloropropane	4.58	77	58857	18.22	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	54787	19.72	ug/l	98
28) Bromochloromethane	5.02	49	48189	21.09	ug/l	99
29) Tetrahydrofuran	5.15	42	166469	106.26	ug/l	99
30) Chloroform	5.21	83	97994	20.63	ug/l	98
31) Cyclohexane	5.57	56	75173	18.36	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	82475	21.50	ug/l	100
36) 1,1-Dichloropropene	5.80	75	67739	19.12	ug/l	99
37) Ethyl Acetate	4.85	43	93432	20.50	ug/l	100
38) Carbon Tetrachloride	5.79	117	70526	21.18	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	70835	17.55	ug/l	94
40) Benzene	6.14	78	210710	20.19	ug/l	98
41) Methacrylonitrile	5.06	41	51206	20.39	ug/l	99
42) 1,2-Dichloroethane	6.20	62	80272	20.57	ug/l	99
43) Isopropyl Acetate	6.46	43	133508	20.29	ug/l	99
44) Trichloroethene	7.21	130	56470	19.47	ug/l	99
45) 1,2-Dichloropropane	7.52	63	57932	20.98	ug/l	96
46) Dibromomethane	7.66	93	38801	20.51	ug/l	99
47) Bromodichloromethane	7.90	83	73134	20.91	ug/l	99
48) Methyl methacrylate	7.77	41	71210	21.33	ug/l	99
49) 1,4-Dioxane	7.75	88	31816	401.77	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	498460	105.65	ug/l	100
52) Toluene	8.79	92	134409	20.82	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	73650	20.18	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	80527	19.95	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	56504	20.21	ug/l	95
56) Ethyl methacrylate	9.18	69	77561	19.66	ug/l	98
57) 1,3-Dichloropropane	9.37	76	93275	20.24	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	231525	99.45	ug/l	100
59) 2-Hexanone	9.49	43	389628	104.06	ug/l	99
60) Dibromochloromethane	9.59	129	57258	20.89	ug/l	99
61) 1,2-Dibromoethane	9.67	107	60316	20.94	ug/l	100
64) Tetrachloroethene	9.34	164	61691	20.35	ug/l	97
65) Chlorobenzene	10.14	112	150894	19.97	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	53968	20.81	ug/l	100
67) Ethyl Benzene	10.25	91	249336	20.15	ug/l	99
68) m/p-Xylenes	10.36	106	191693	39.79	ug/l	99
69) o-Xylene	10.70	106	91259	19.83	ug/l	99
70) Styrene	10.71	104	155401	20.71	ug/l	100
71) Bromoform	10.86	173	45729	19.69	ug/l #	99
73) Isopropylbenzene	11.02	105	253527	20.86	ug/l	100
74) N-amyl acetate	10.90	43	113289	19.68	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	92382	20.17	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	86808m	20.99	ug/l	
77) Bromobenzene	11.26	156	69001	20.26	ug/l	99
78) n-propylbenzene	11.36	91	286023	20.21	ug/l	100
79) 2-Chlorotoluene	11.42	91	175354	20.48	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	209682	20.46	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	23564	19.27	ug/l	99
82) 4-Chlorotoluene	11.51	91	204189	20.43	ug/l	98
83) tert-Butylbenzene	11.77	119	203186	20.31	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	221950	21.23	ug/l	100
85) sec-Butylbenzene	11.94	105	247595	20.23	ug/l	99
86) p-Isopropyltoluene	12.07	119	218734	20.05	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	124930	19.90	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	129343	19.87	ug/l	99
89) n-Butylbenzene	12.39	91	185322	18.76	ug/l	98
90) Hexachloroethane	12.60	117	36342	20.87	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	127258	19.83	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21933	20.64	ug/l	97

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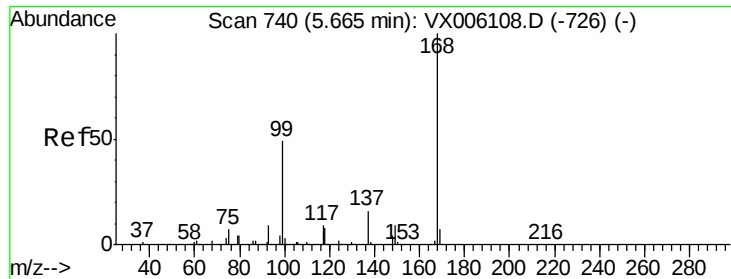
Manual Integrations
APPROVED

MMDadoda
11/27/2018 11:43:50 AM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	88602	19.60	ug/l	98
94) Hexachlorobutadiene	13.79	225	41796	18.97	ug/l	99
95) Naphthalene	13.83	128	277246	20.85	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	91605	19.87	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBS02

Tgt Ion:168 Resp: 263138

Ion Ratio Lower Upper

168 100

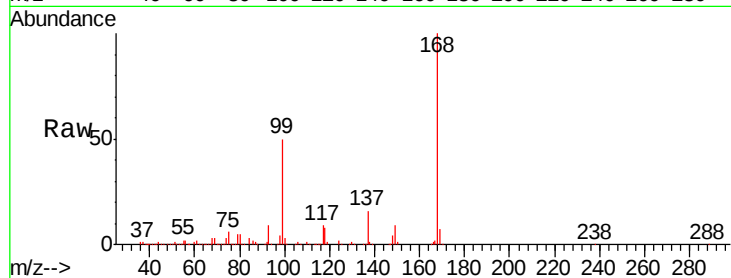
99 49.5 39.2 58.8

Manual Integrations

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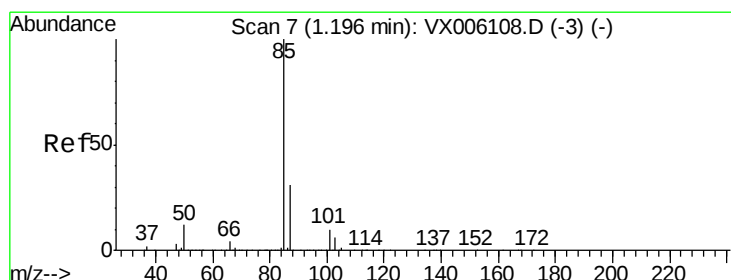
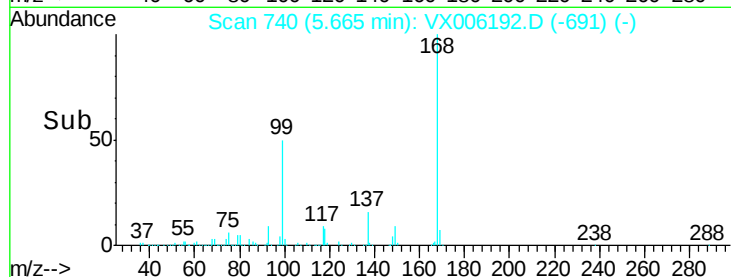
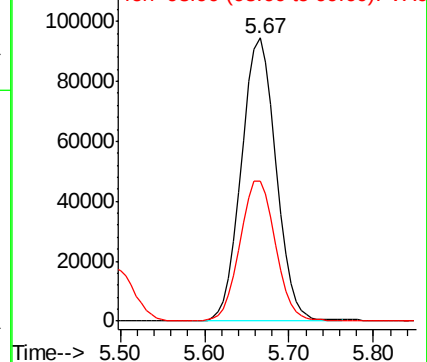
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.49 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006192.D

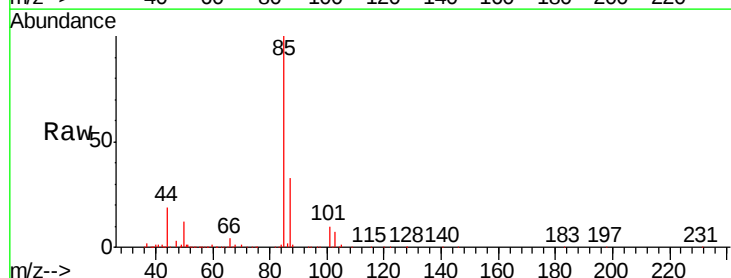
Acq: 26 Nov 2018 23:37

Tgt Ion: 85 Resp: 38104

Ion Ratio Lower Upper

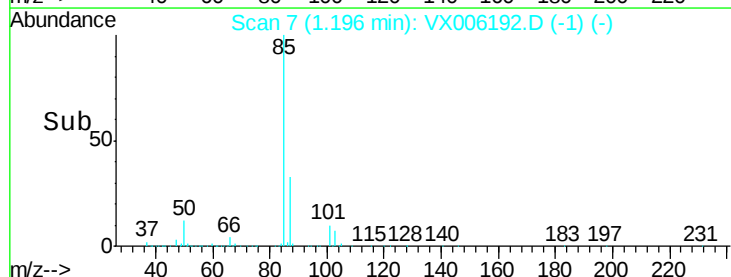
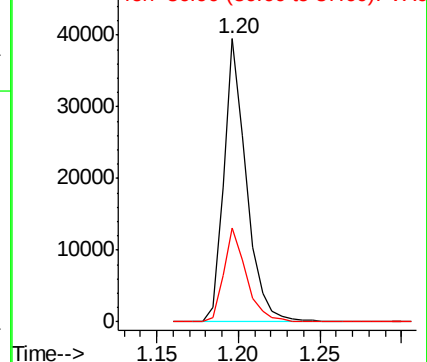
85 100

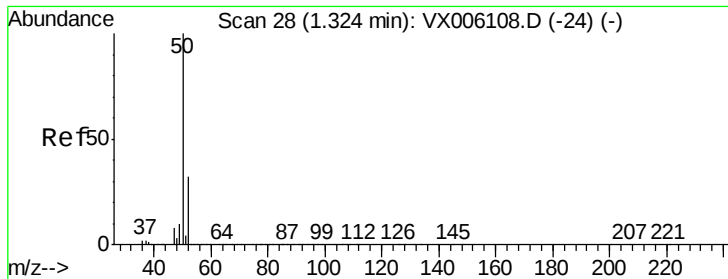
87 32.9 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.53 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBS02

Tgt Ion: 50 Resp: 48235

Ion Ratio Lower Upper

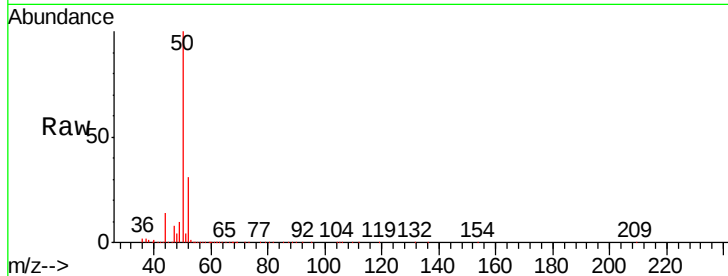
50 100

52 31.3 25.6 38.4

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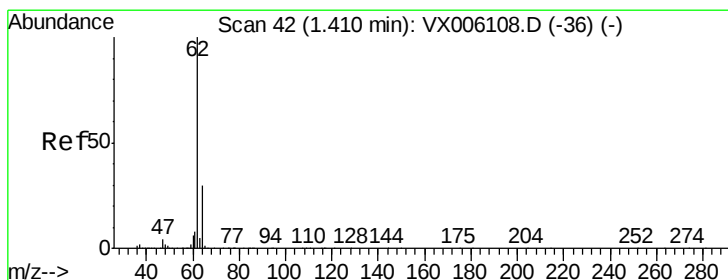
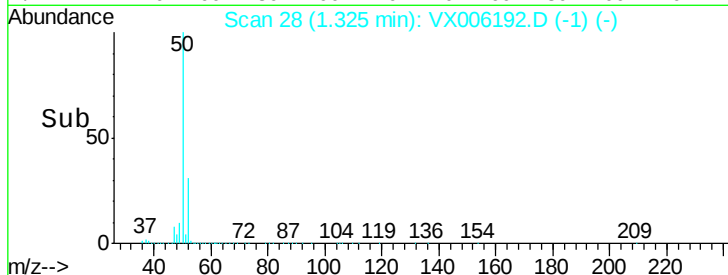
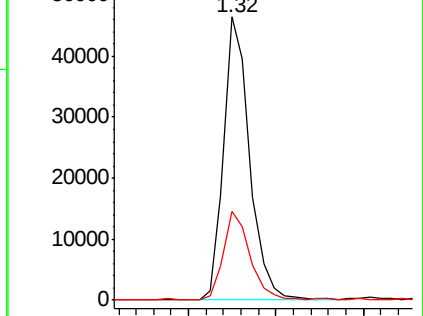
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.47 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX006192.D

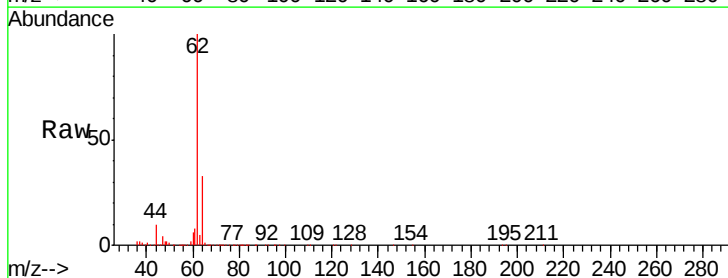
Acq: 26 Nov 2018 23:37

Tgt Ion: 62 Resp: 48930

Ion Ratio Lower Upper

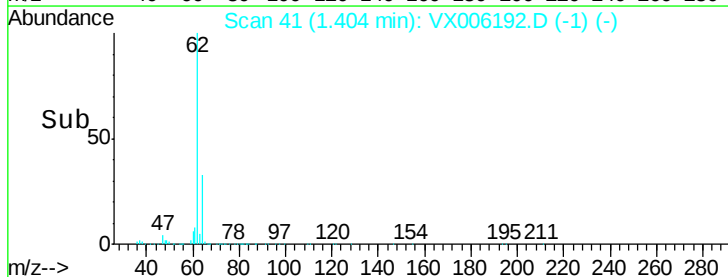
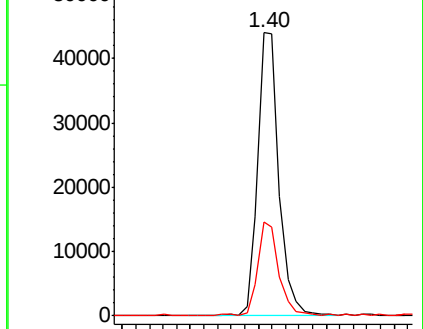
62 100

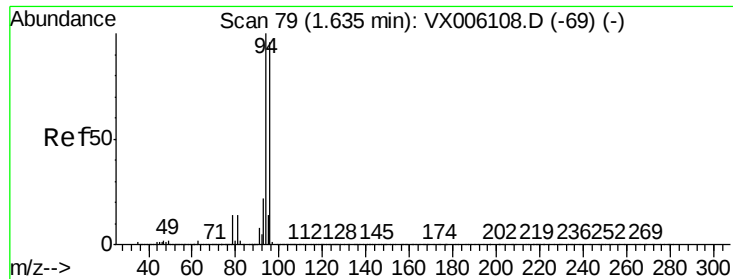
64 32.7 24.2 36.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 18.54 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBS02

Tgt Ion: 94 Resp: 30952

Ion Ratio Lower Upper

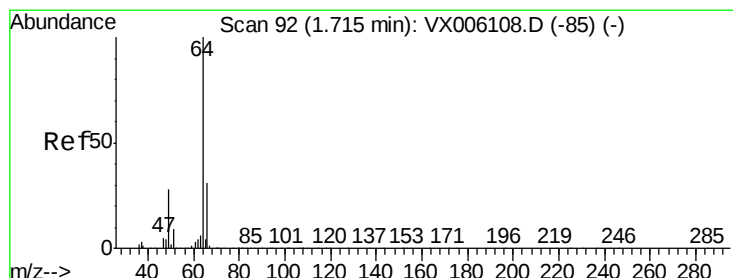
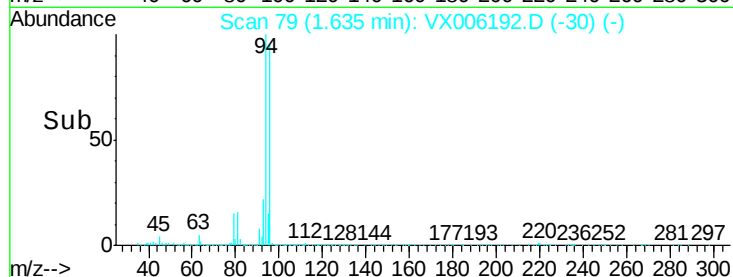
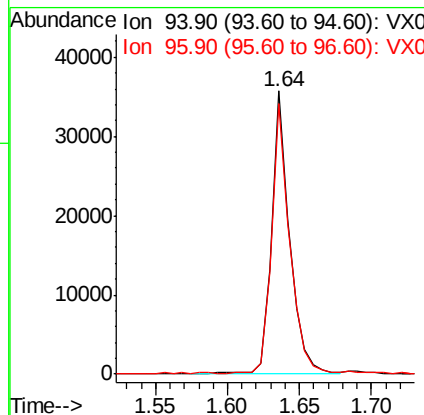
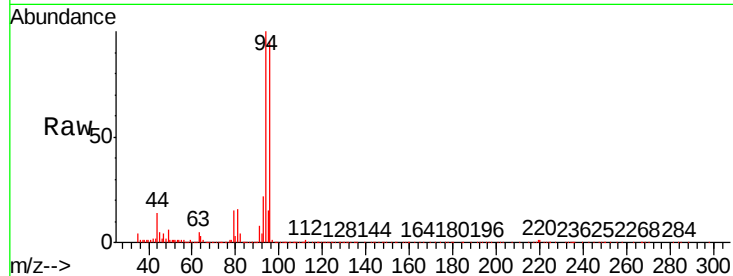
94 100

96 95.3 76.7 115.1

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#6

Chloroethane

Concen: 36.92 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX006192.D

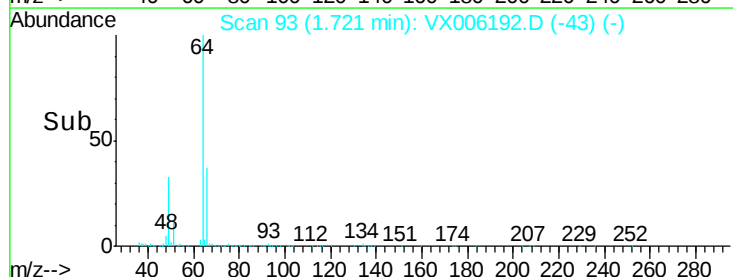
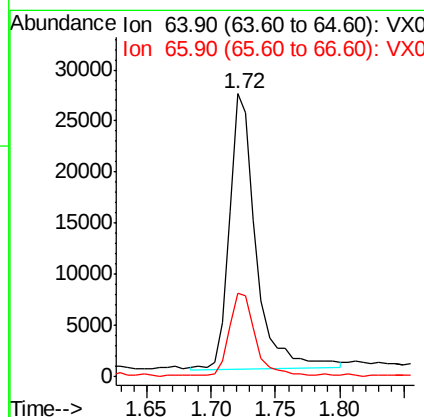
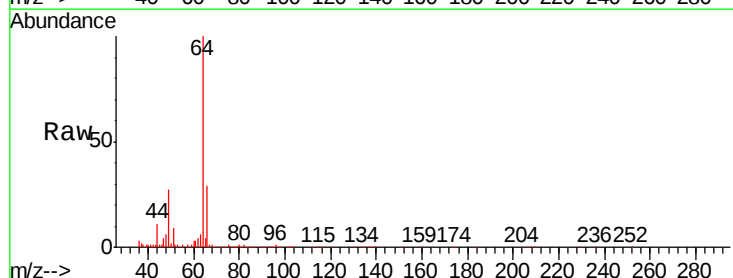
Acq: 26 Nov 2018 23:37

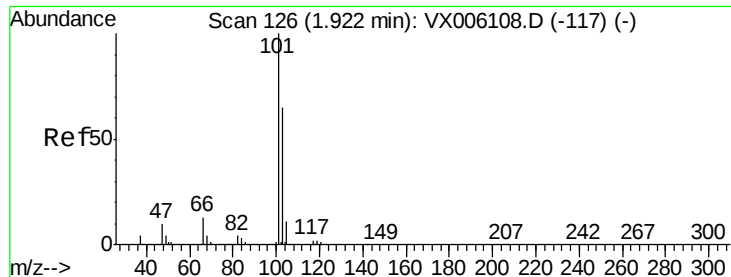
Tgt Ion: 64 Resp: 38654

Ion Ratio Lower Upper

64 100

66 30.0 25.1 37.7





#7

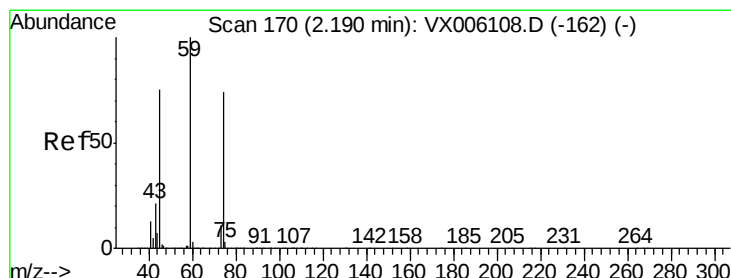
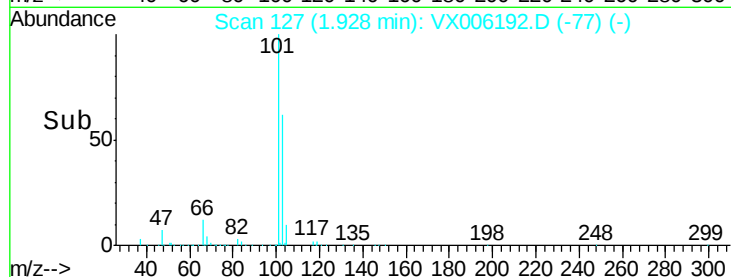
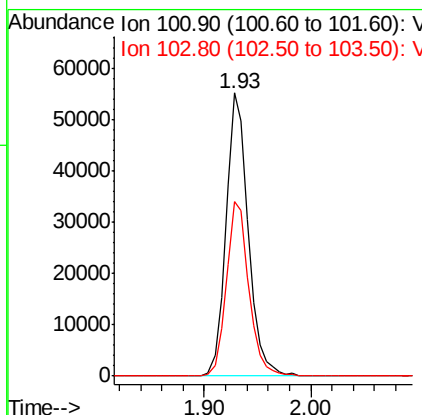
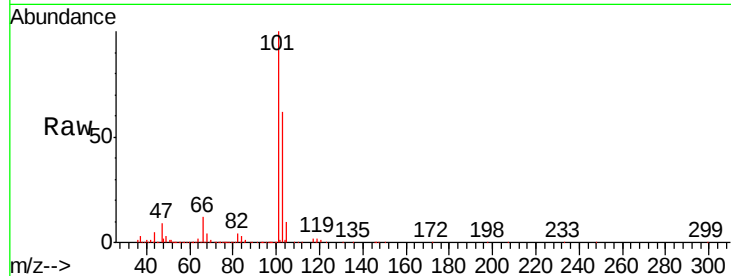
Trichlorofluoromethane
Concen: 24.62 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX006192.D
Acq: 26 Nov 2018 23:37

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBS02

Tgt Ion	Ratio	Lower	Upper
101	100		
103	61.6	52.1	78.1

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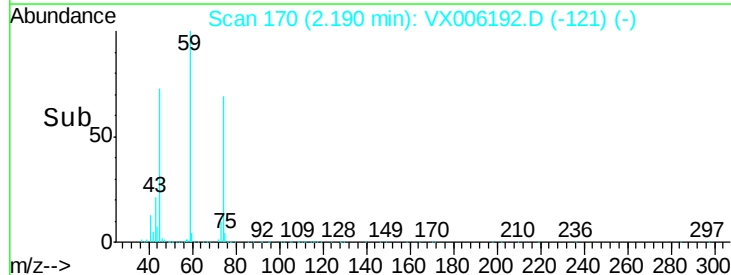
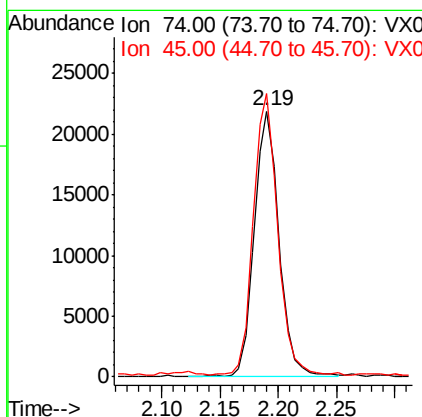
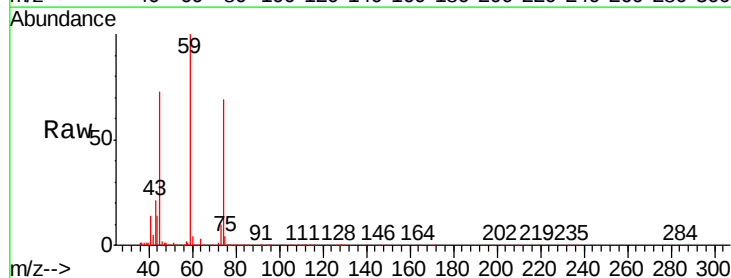
MMDadoda
11/27/2018 11:43:50 AM

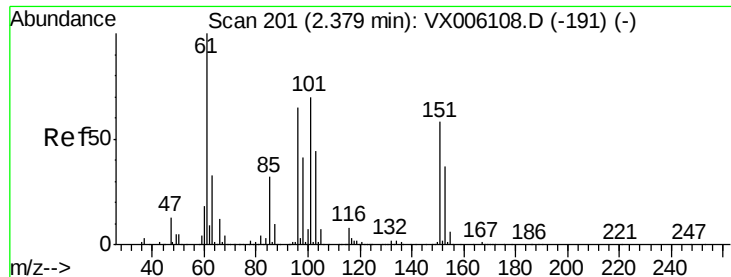


#8

Diethyl Ether
Concen: 23.21 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006192.D
Acq: 26 Nov 2018 23:37

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.4	52.2	156.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.19 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

Instrument :

MSVOA_X

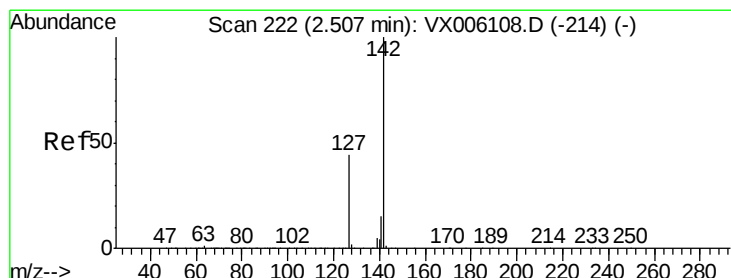
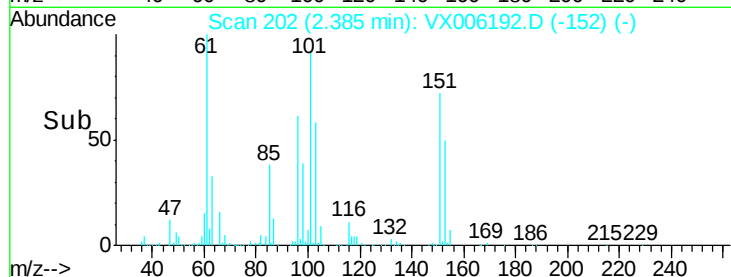
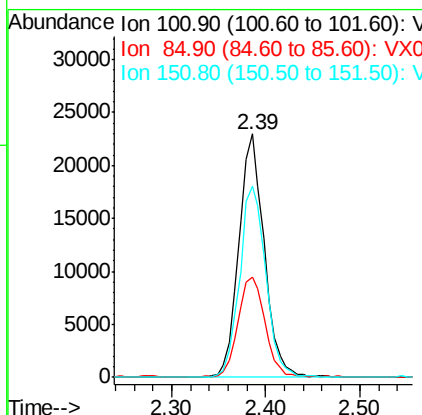
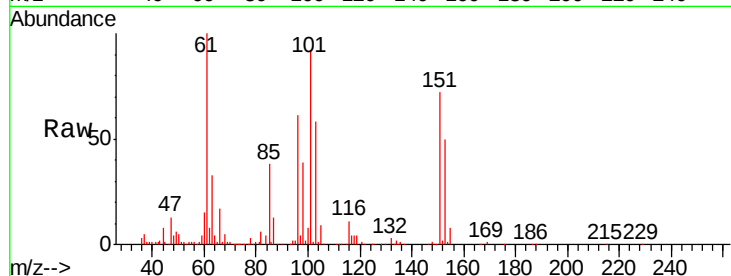
ClientSampleId :

VX1126WBS02

Tgt Ion:	101	Resp:	43245
Ion Ratio	Lower	Upper	
101	100		
85	44.3	36.0	54.0
151	81.2	65.8	98.6

Manual Integrations
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#10

Methyl Iodide

Concen: 16.38 ug/l

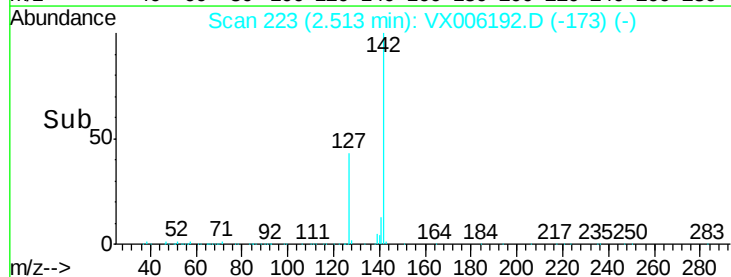
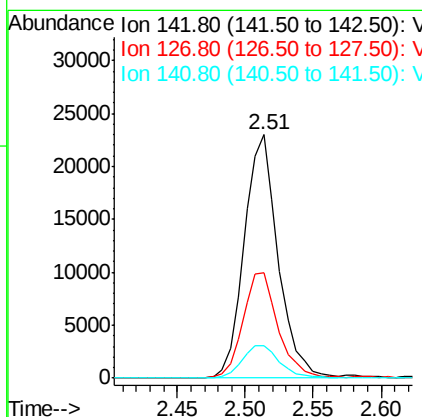
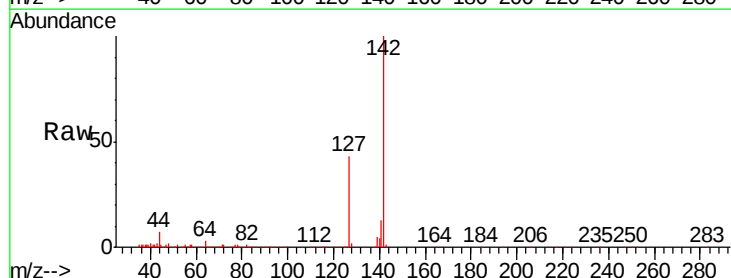
RT: 2.51 min Scan# 223

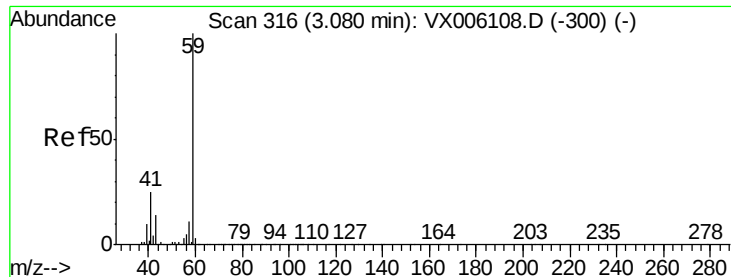
Delta R.T. 0.01 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

Tgt Ion:	142	Resp:	40035
Ion Ratio	Lower	Upper	
142	100		
127	45.3	36.0	54.0
141	15.0	11.7	17.5





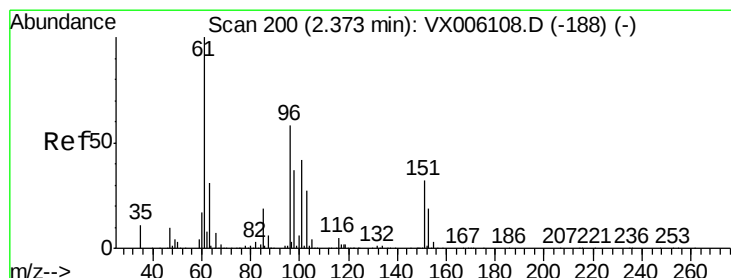
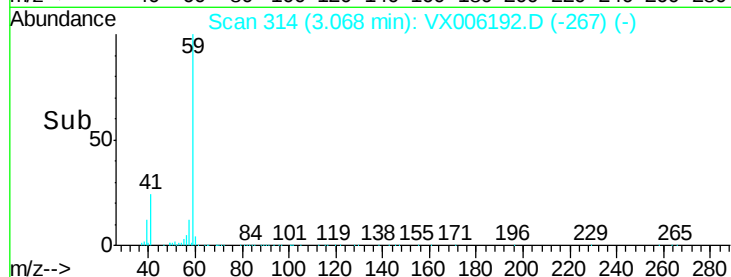
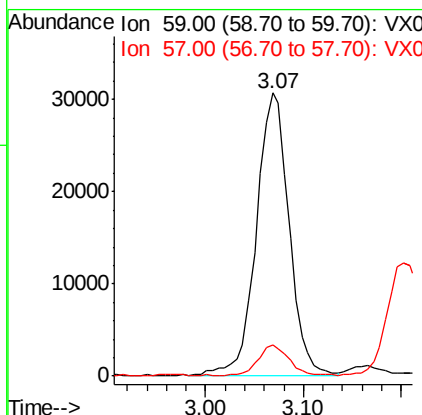
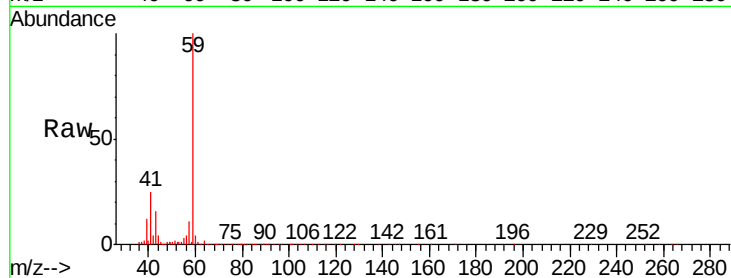
#11
Tert butyl alcohol
Concen: 109.68 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX006192.D
Acq: 26 Nov 2018 23:37

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBS02

Tgt Ion: 59 Resp: 71142
Ion Ratio Lower Upper
59 100
57 10.5 8.7 13.1

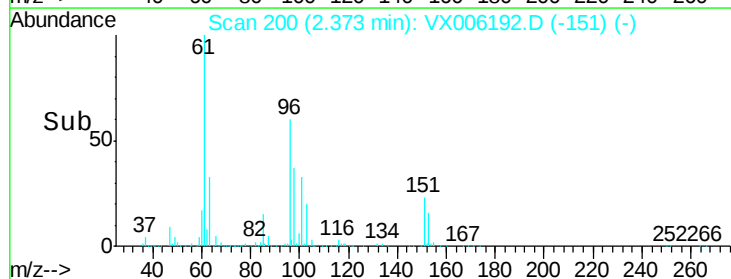
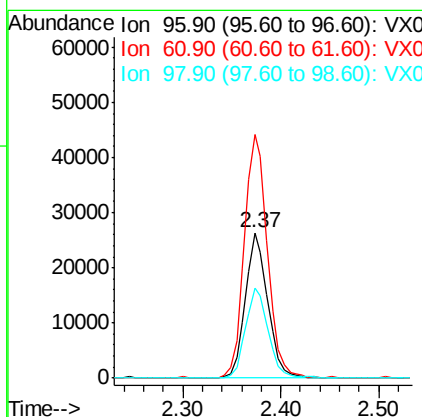
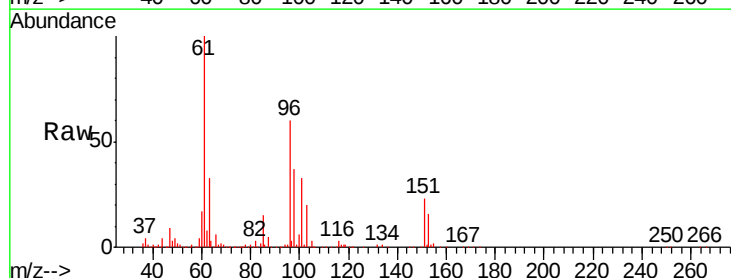
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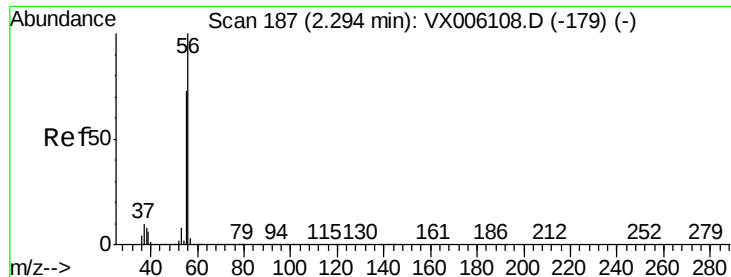
MMDadoda
11/27/2018 11:43:50 AM



#12
1,1-Dichloroethene
Concen: 22.08 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006192.D
Acq: 26 Nov 2018 23:37

Tgt Ion: 96 Resp: 41951
Ion Ratio Lower Upper
96 100
61 167.1 138.2 207.4
98 62.3 51.3 76.9





#13

Acrolein

Concen: 99.53 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBS02

Tgt Ion: 56 Resp: 38629

Ion Ratio Lower Upper

56 100

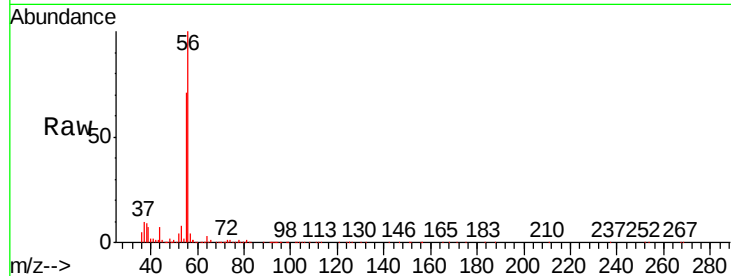
55 73.5 57.8 86.6

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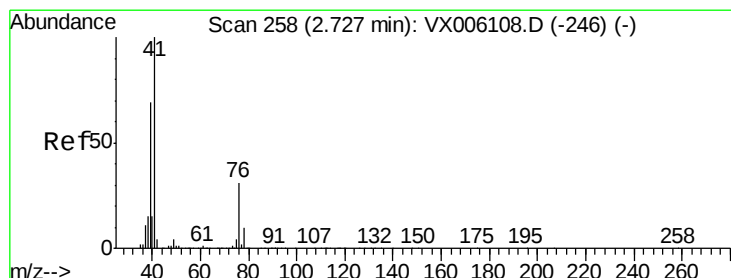
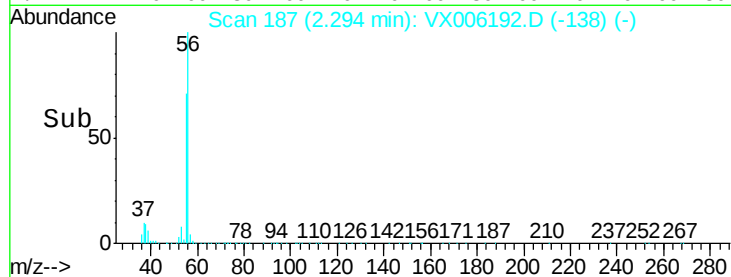
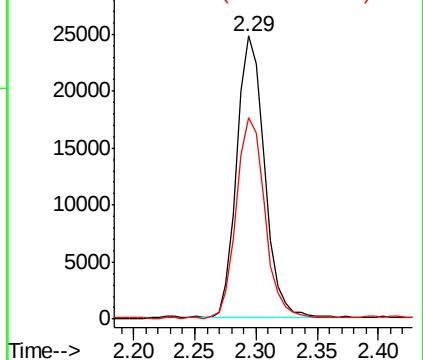
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 19.76 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

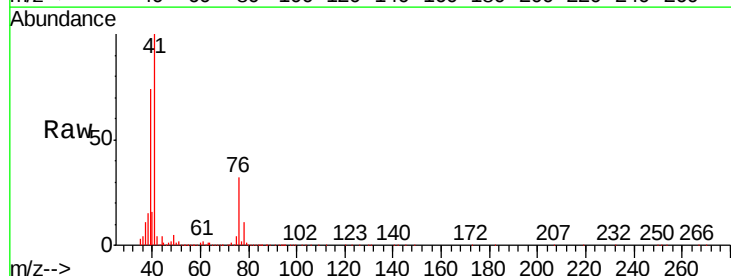
Tgt Ion: 41 Resp: 76805

Ion Ratio Lower Upper

41 100

39 65.9 52.5 78.7

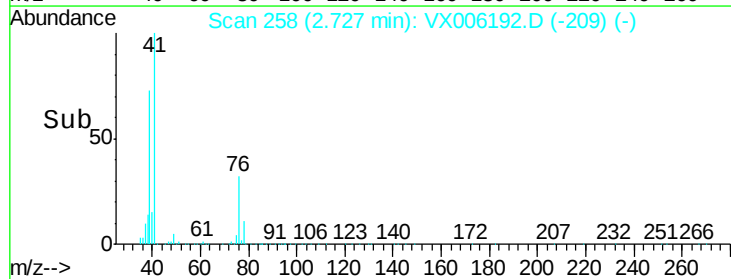
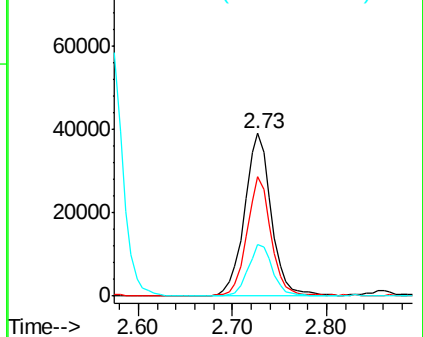
76 29.2 23.4 35.2

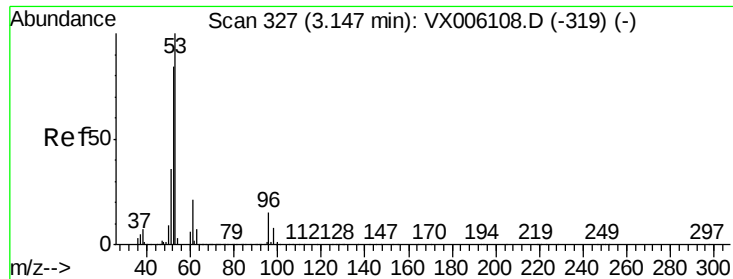


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 104.96 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

Instrument :

MSVOA_X

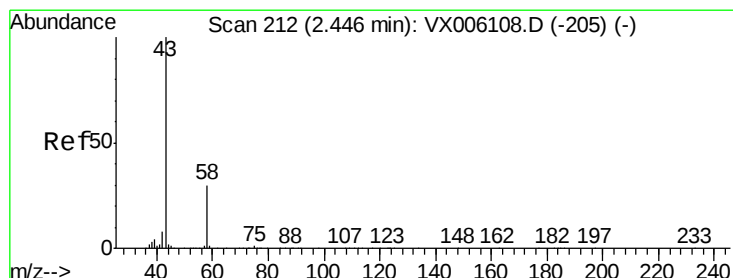
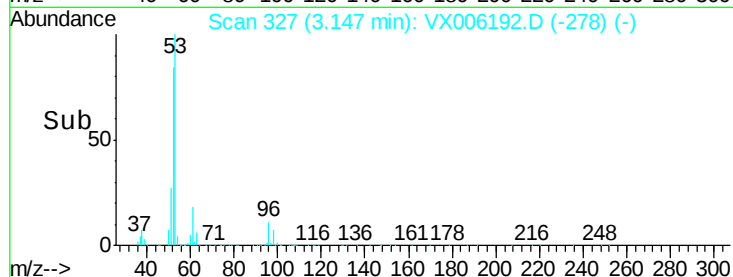
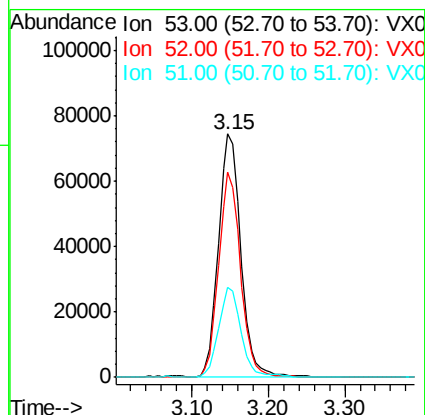
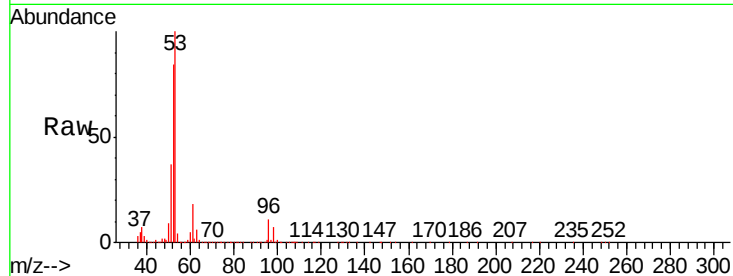
ClientSampleId :

VX1126WBS02

Tgt Ion:	53	Resp:	150374
Ion Ratio		Lower	Upper
53	100		
52	82.6	66.4	99.6
51	36.9	29.4	44.0

Manual Integrations
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#16

Acetone

Concen: 113.64 ug/l

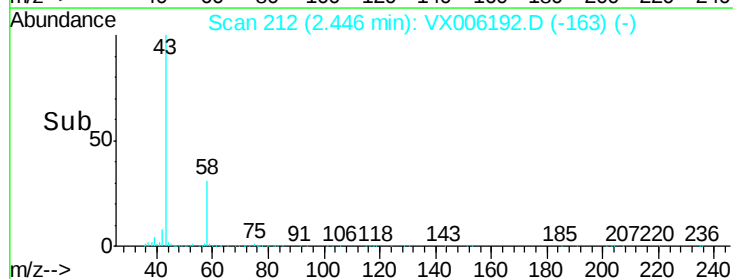
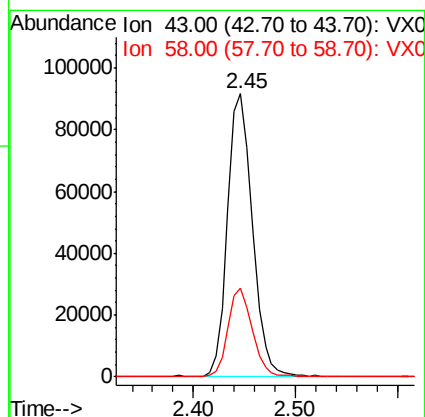
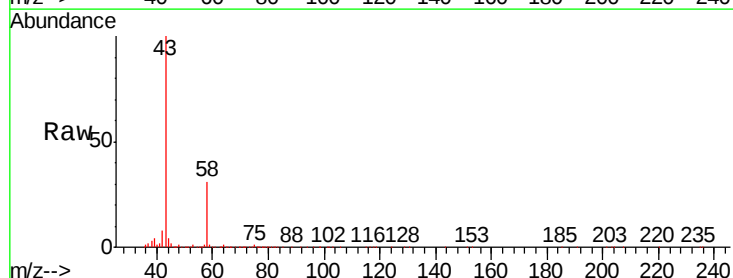
RT: 2.45 min Scan# 212

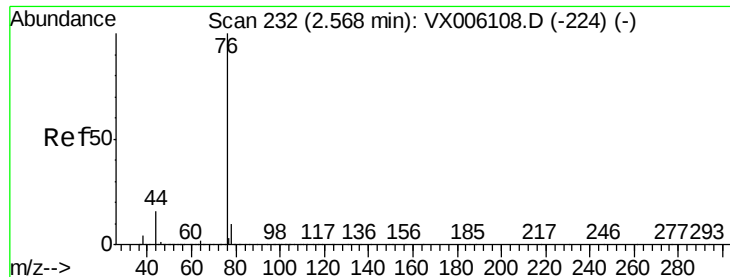
Delta R.T. 0.00 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

Tgt Ion:	43	Resp:	153763
Ion Ratio		Lower	Upper
43	100		
58	31.4	23.8	35.8





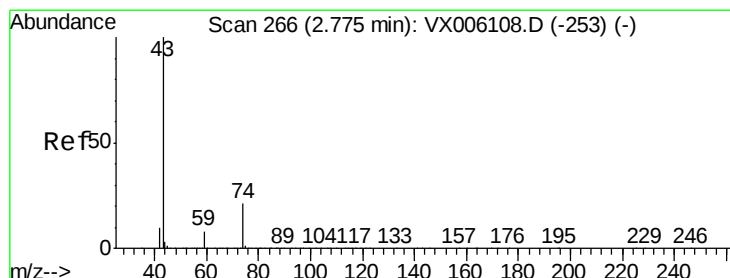
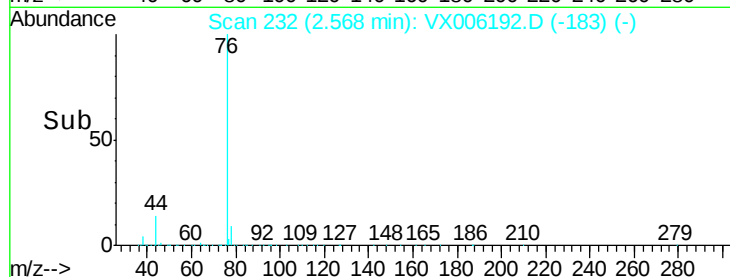
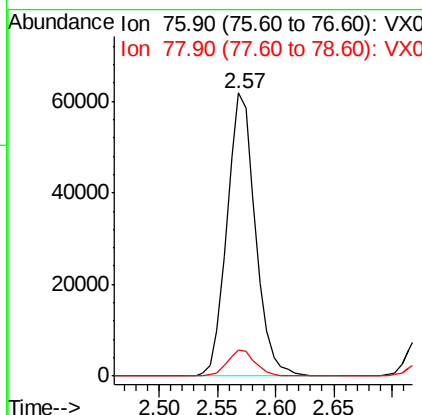
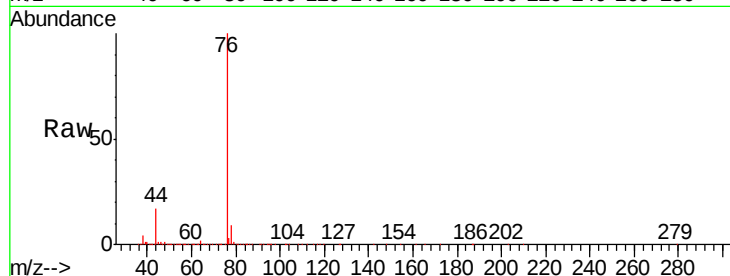
#17
Carbon Disulfide
Concen: 20.31 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX006192.D
Acq: 26 Nov 2018 23:37

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBS02

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.7	11.5

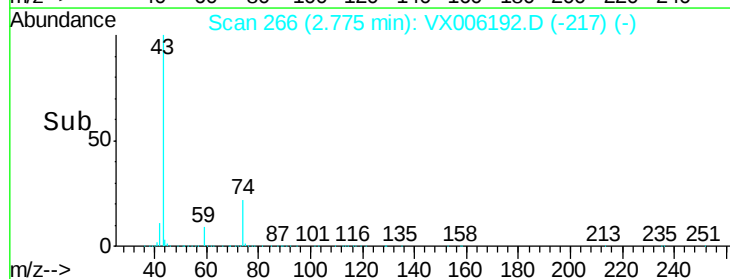
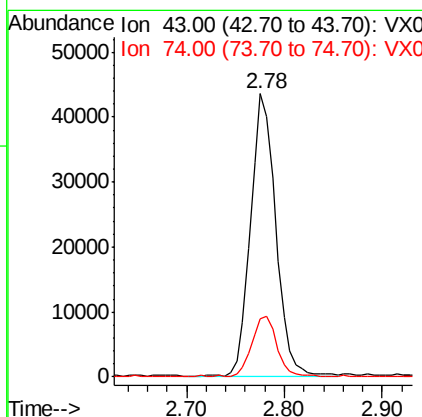
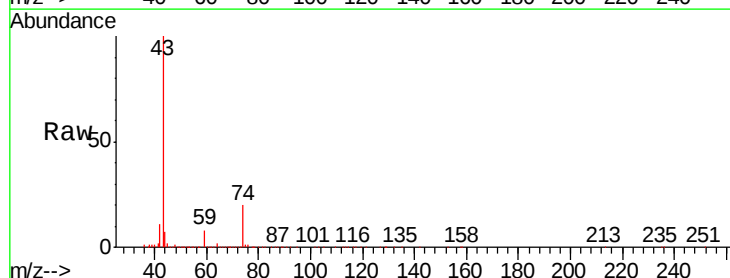
Manual Integrations
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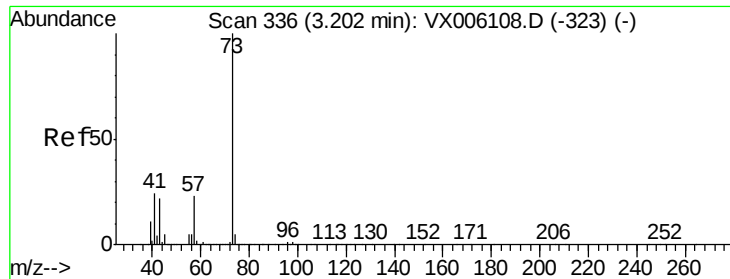
MMDadoda
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#18
Methyl Acetate
Concen: 22.51 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX006192.D
Acq: 26 Nov 2018 23:37

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.2	17.3	25.9





#19

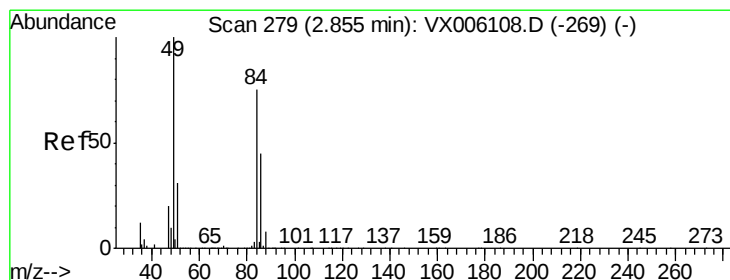
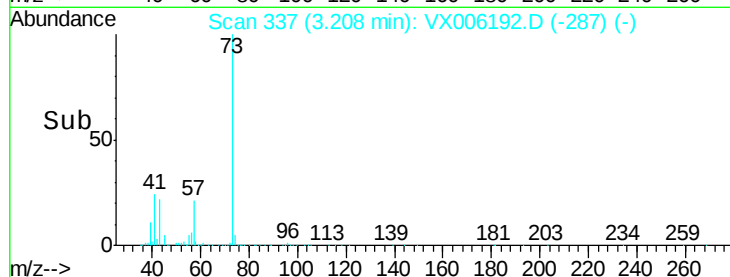
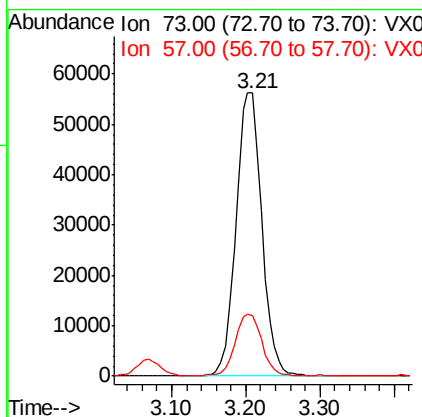
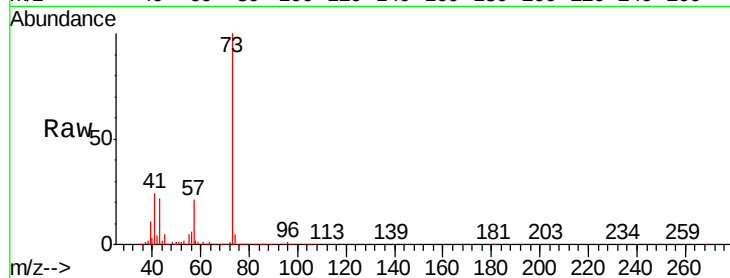
Methyl tert-butyl Ether
Concen: 20.84 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX006192.D
Acq: 26 Nov 2018 23:37

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBS02

Tgt Ion	Ratio	Lower	Upper
73	100		
57	21.1	18.2	27.4

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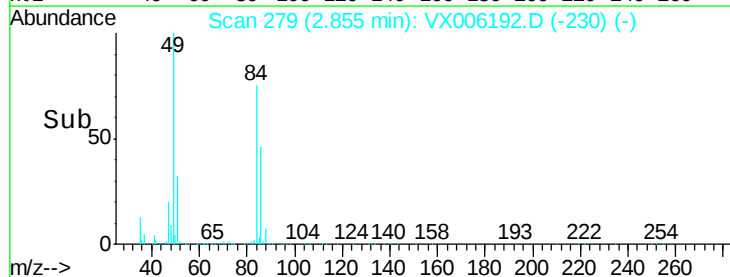
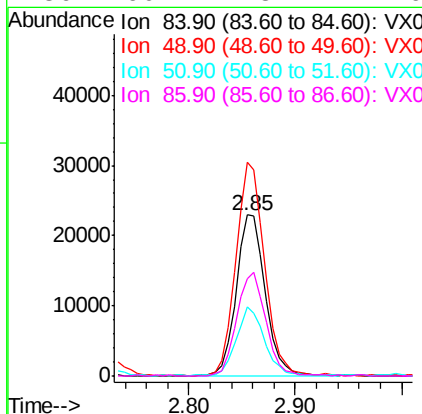
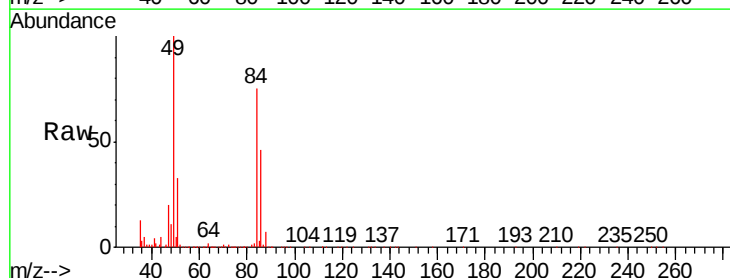
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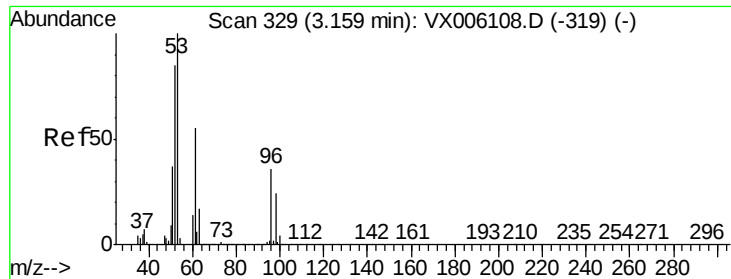


#20

Methylene Chloride
Concen: 21.34 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX006192.D
Acq: 26 Nov 2018 23:37

Tgt Ion	Ratio	Lower	Upper
84	100		
49	132.1	106.6	159.8
51	42.9	32.6	49.0
86	60.4	48.4	72.6





#21

trans-1,2-Dichloroethene

Concen: 20.67 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

Instrument :

MSVOA_X

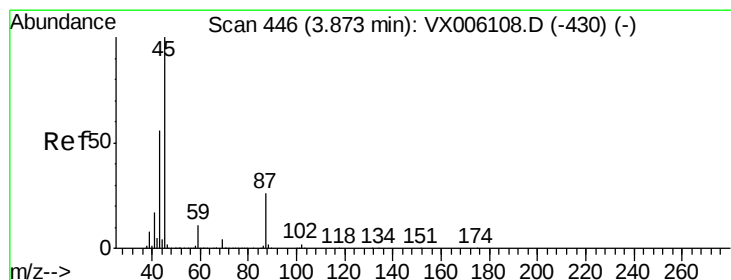
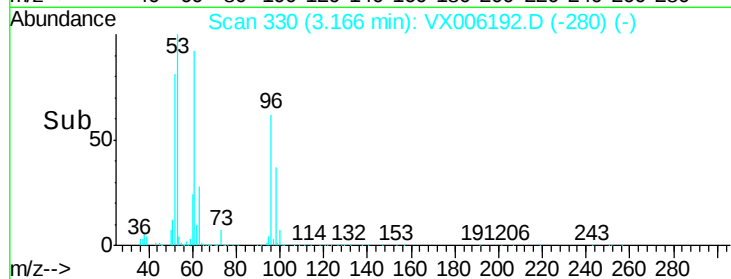
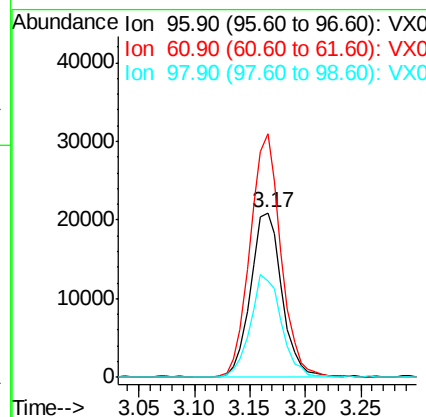
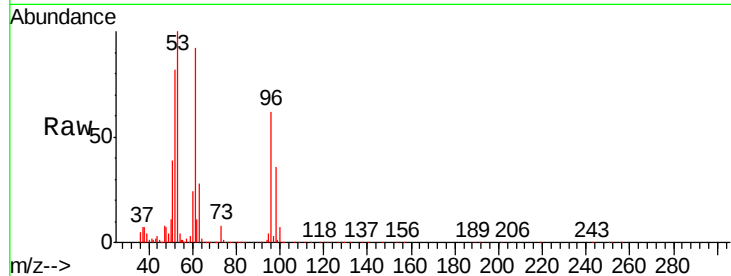
ClientSampleId :

VX1126WBS02

Tgt Ion:	96	Resp:	41085
Ion	Ratio	Lower	Upper
96	100		
61	147.9	122.0	183.0
98	58.9	52.7	79.1

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#22

Diisopropyl ether

Concen: 21.20 ug/l

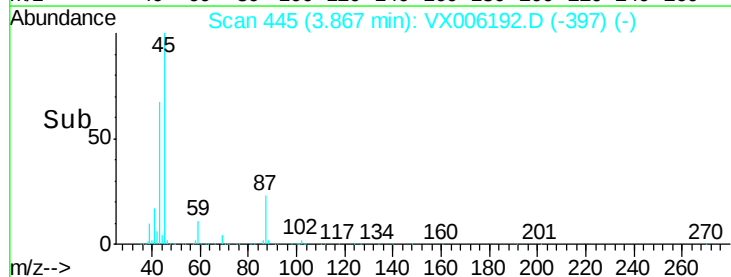
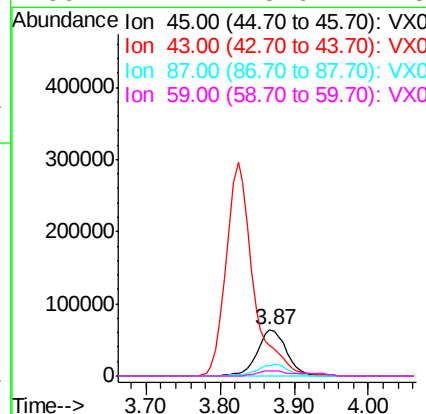
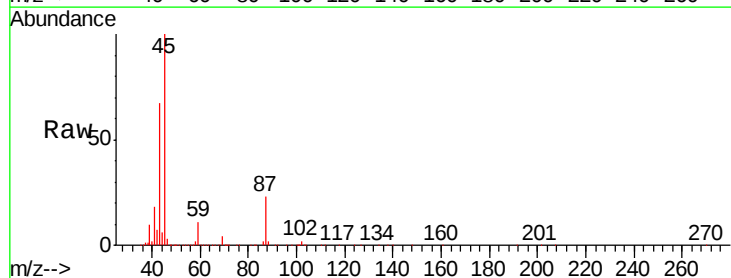
RT: 3.87 min Scan# 445

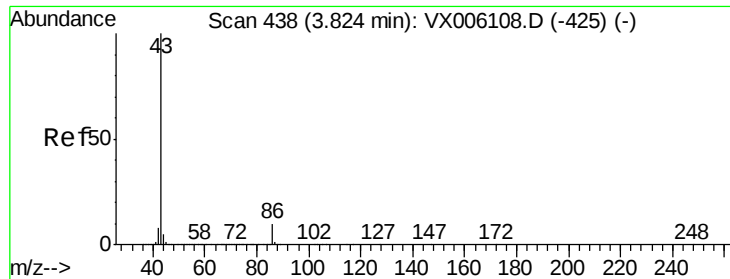
Delta R.T. -0.01 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

Tgt Ion:	45	Resp:	176416
Ion	Ratio	Lower	Upper
45	100		
43	66.4	45.8	68.8
87	23.1	21.0	31.4
59	11.2	8.6	12.8





#23

Vinyl Acetate

Concen: 109.18 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBS02

Tgt Ion: 43 Resp: 753788

Ion Ratio Lower Upper

43 100

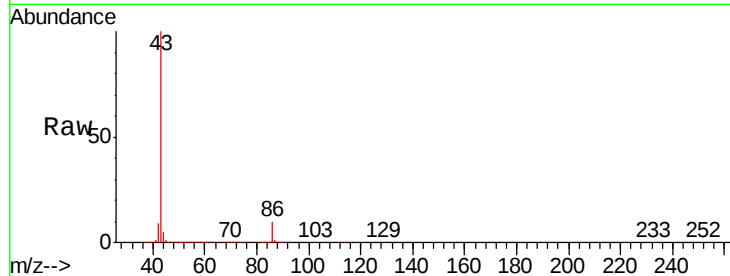
86 9.6 7.6 11.4

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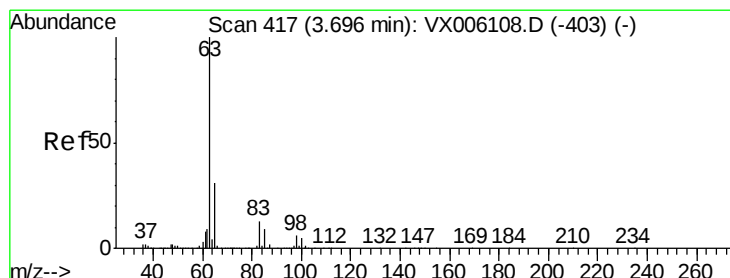
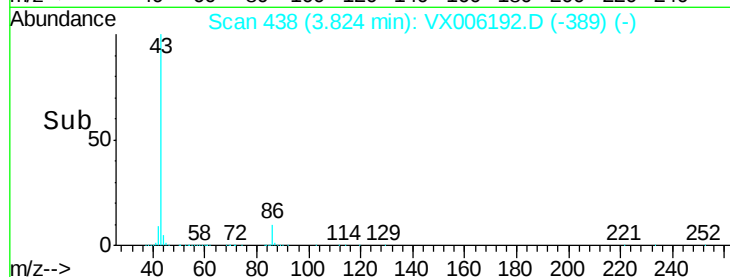
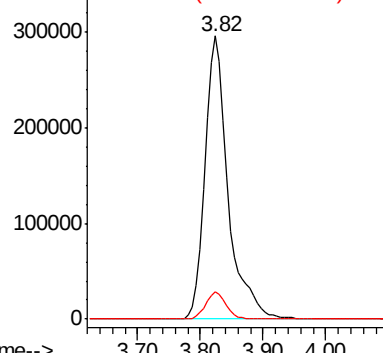
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 24.06 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

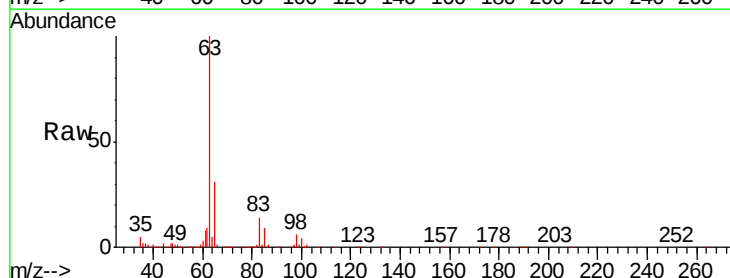
Tgt Ion: 63 Resp: 94319

Ion Ratio Lower Upper

63 100

98 5.9 3.3 9.8

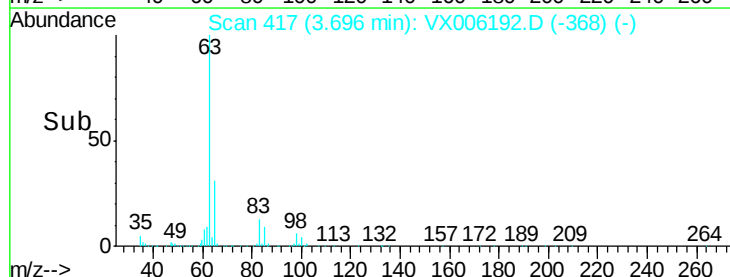
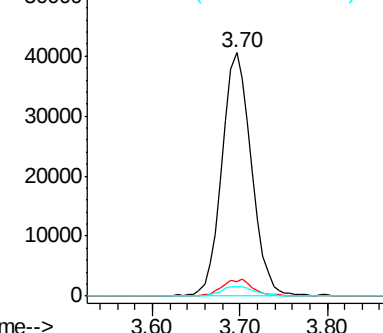
100 3.8 2.4 7.1

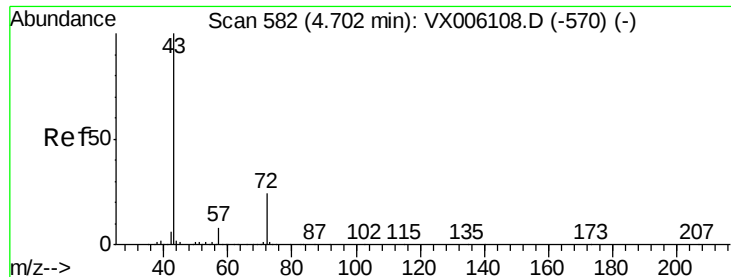


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 104.15 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBS02

Tgt Ion: 43 Resp: 261556

Ion Ratio Lower Upper

43 100

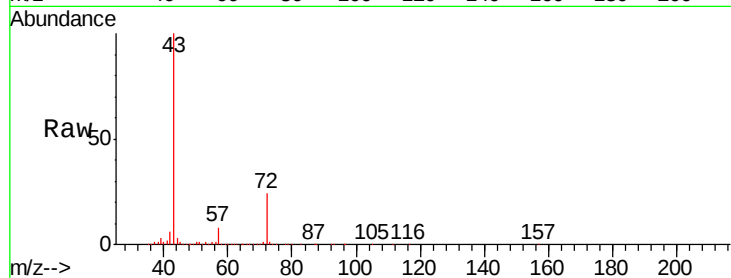
72 24.0 19.2 28.8

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.70

100000

80000

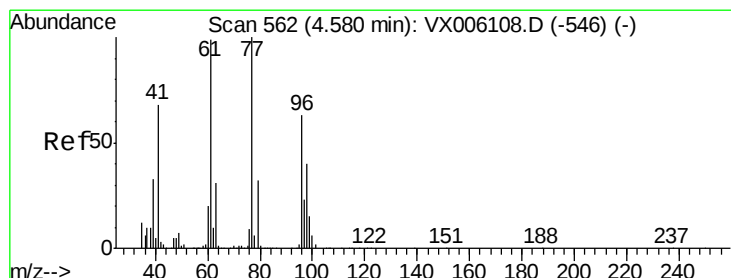
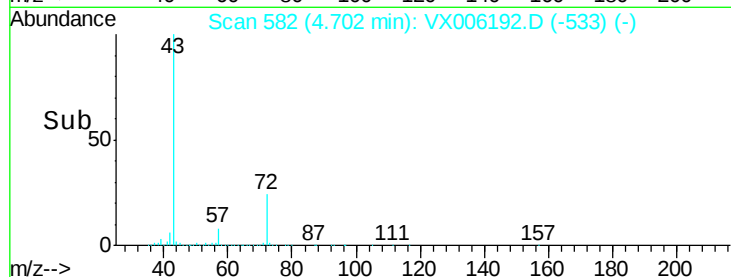
60000

40000

20000

0

Time-->



#26

2,2-Dichloropropane

Concen: 18.22 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX006192.D

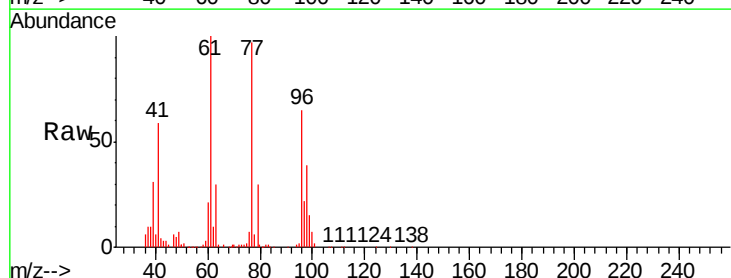
Acq: 26 Nov 2018 23:37

Tgt Ion: 77 Resp: 58857

Ion Ratio Lower Upper

77 100

97 23.6 11.9 35.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

20000

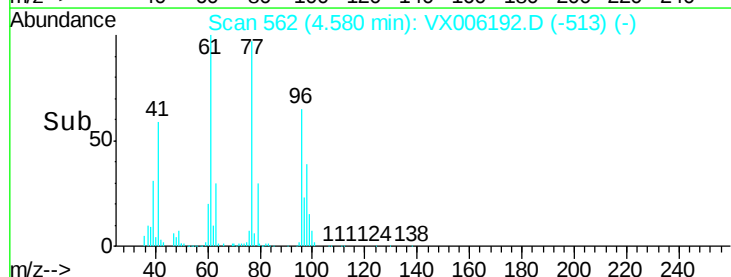
15000

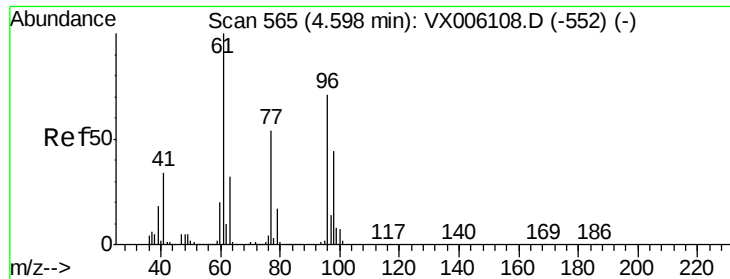
10000

5000

0

Time-->





#27

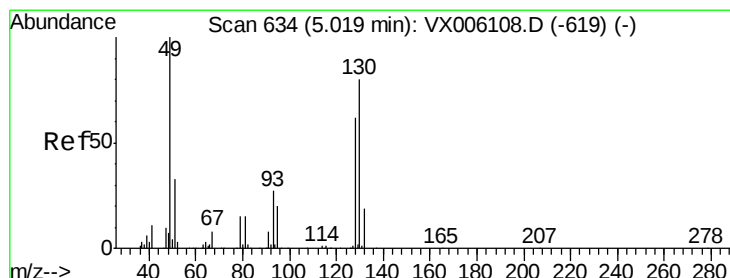
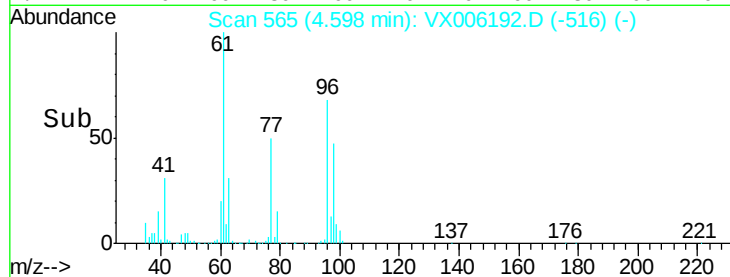
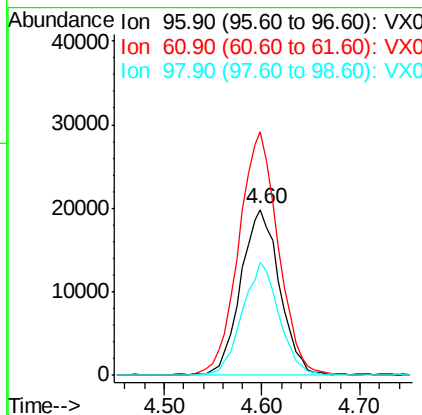
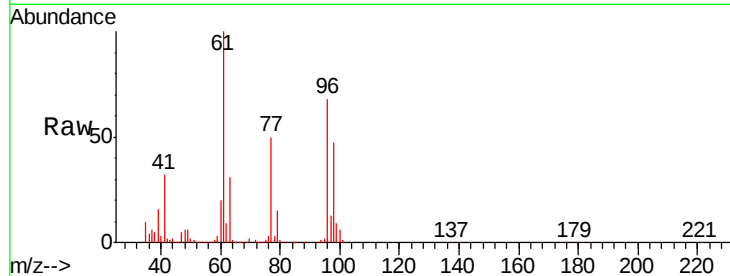
cis-1,2-Dichloroethene
Concen: 19.72 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006192.D
Acq: 26 Nov 2018 23:37

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBS02

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	54787		
61	148.2	0.0	291.6	
98	64.9	0.0	128.2	

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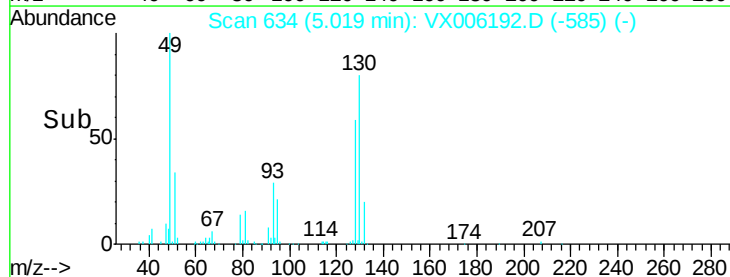
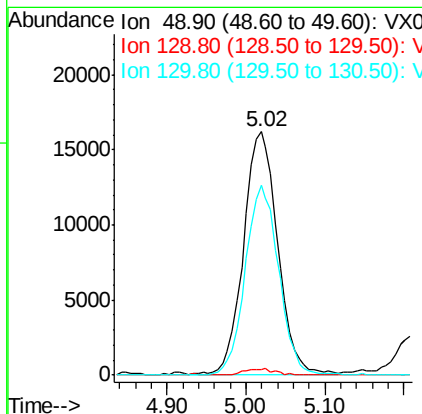
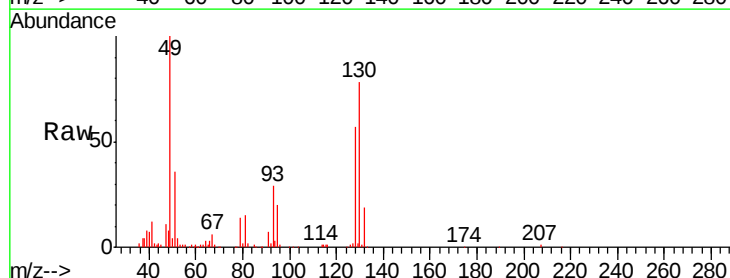
MMDadoda
11/27/2018 11:43:50 AM

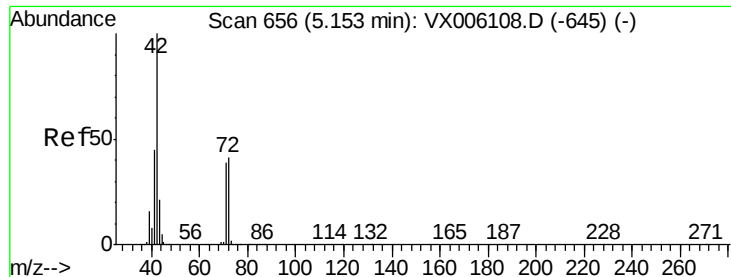


#28

Bromochloromethane
Concen: 21.09 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006192.D
Acq: 26 Nov 2018 23:37

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	48189		
129	2.4	0.0	4.4	
130	77.5	61.6	92.4	





#29

Tetrahydrofuran

Concen: 106.26 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

Instrument :

MSVOA_X

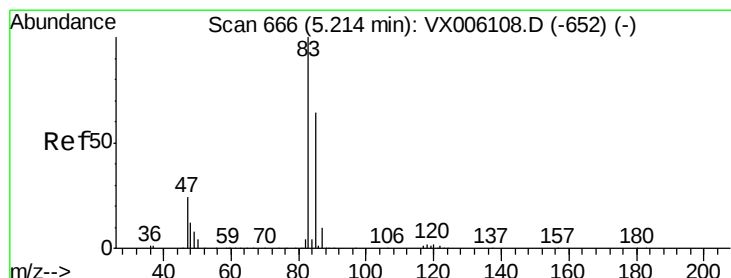
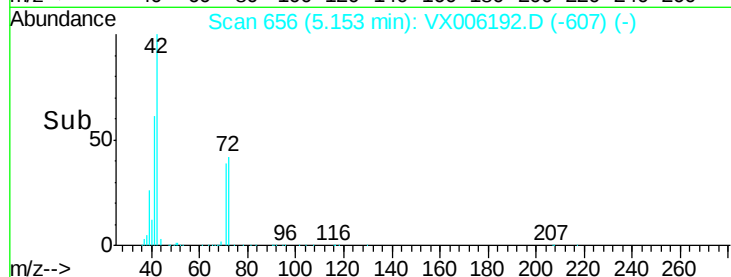
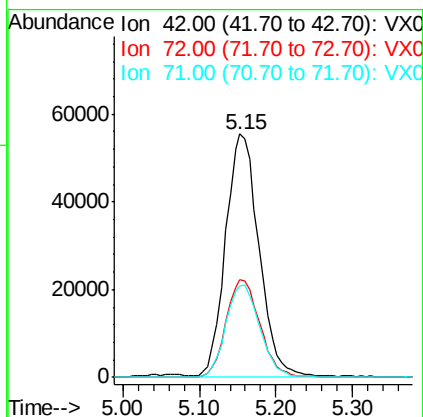
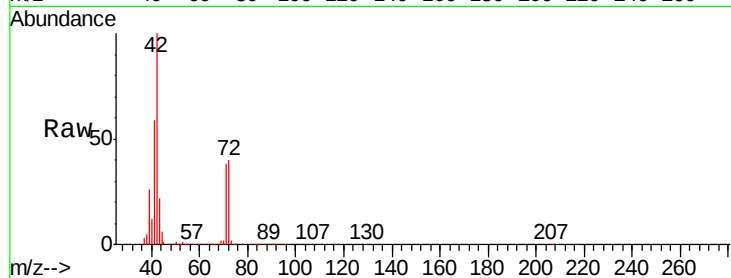
ClientSampleId :

VX1126WBS02

Tgt Ion:	42	Resp:	166469
Ion	Ratio	Lower	Upper
42	100		
72	41.4	33.0	49.6
71	39.4	31.0	46.4

Manual Integrations
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#30

Chloroform

Concen: 20.63 ug/l

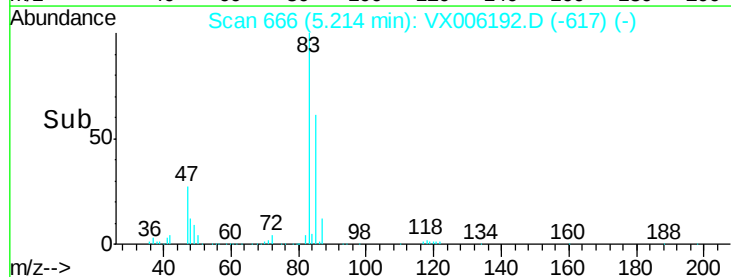
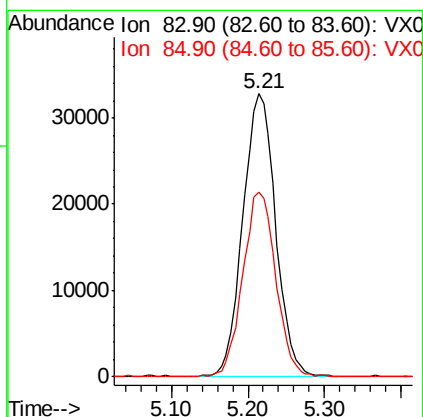
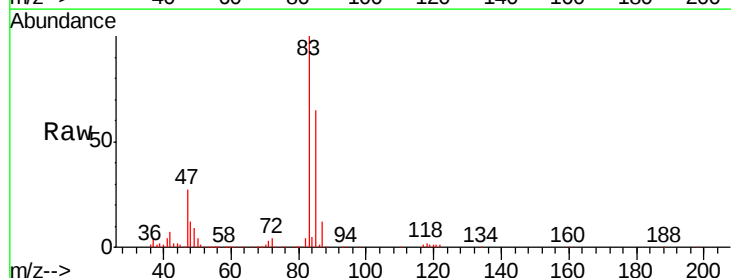
RT: 5.21 min Scan# 666

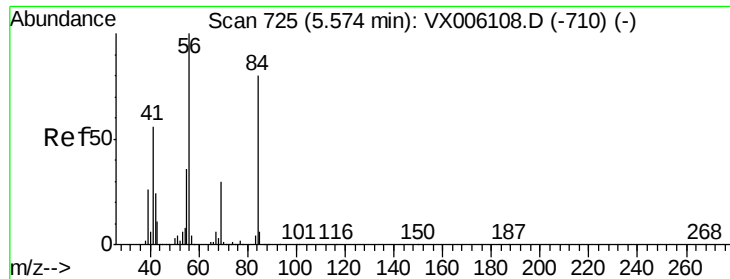
Delta R.T. 0.00 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

Tgt Ion:	83	Resp:	97994
Ion	Ratio	Lower	Upper
83	100		
85	65.5	51.0	76.4





#31

Cyclohexane

Concen: 18.36 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

Instrument :

MSVOA_X

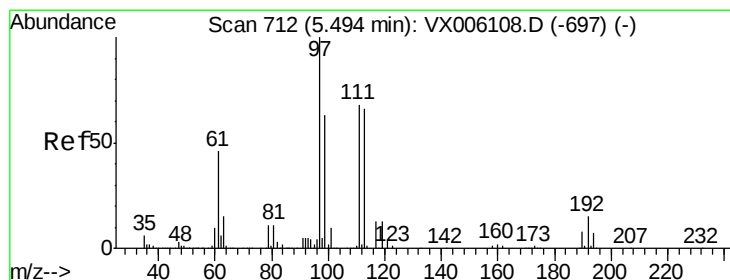
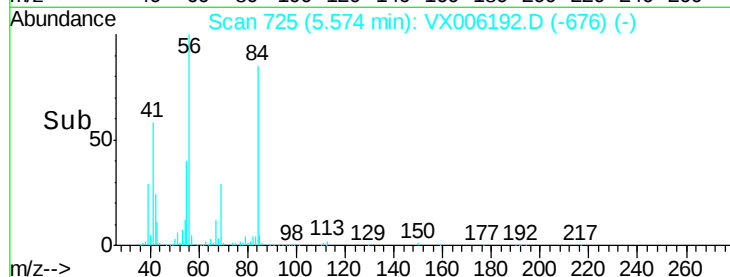
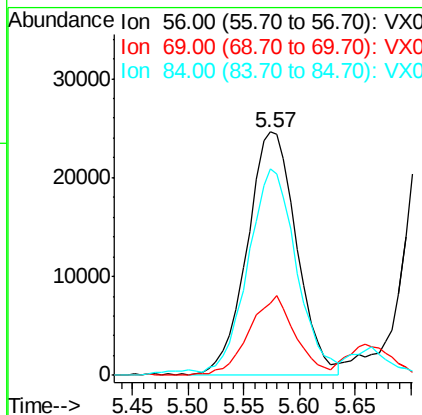
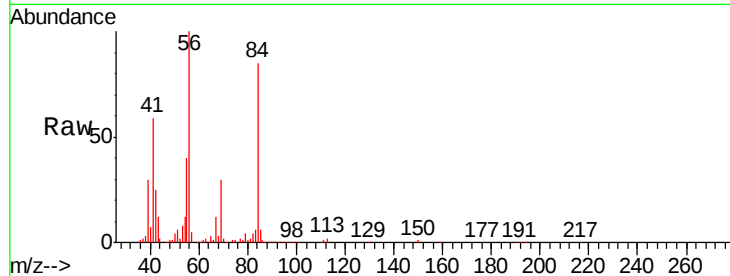
ClientSampleId :

VX1126WBS02

Tgt Ion:	56	Resp:	75173
Ion	Ratio	Lower	Upper
56	100		
69	29.1	23.9	35.9
84	83.3	63.6	95.4

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 21.50 ug/l

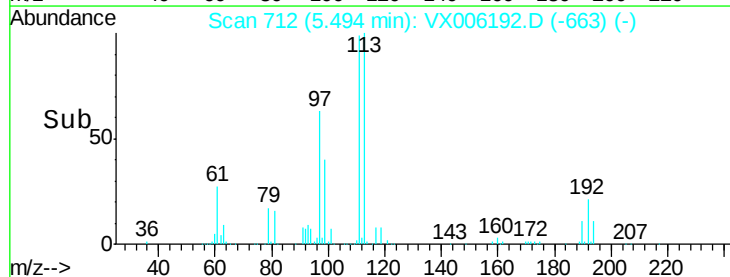
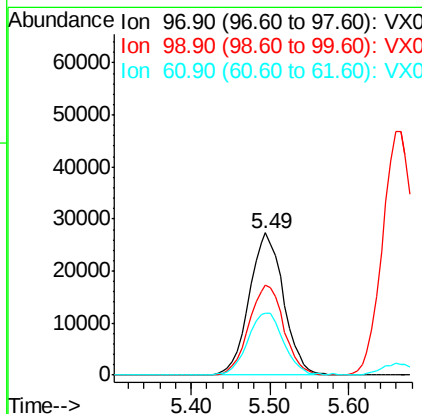
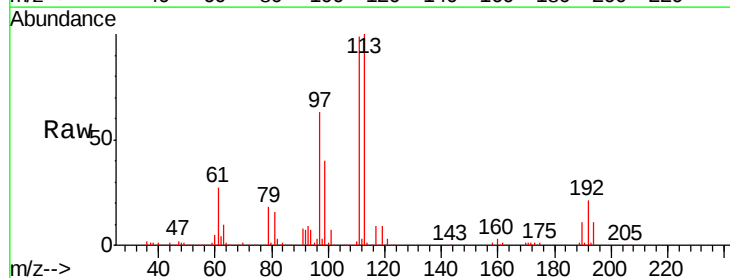
RT: 5.49 min Scan# 712

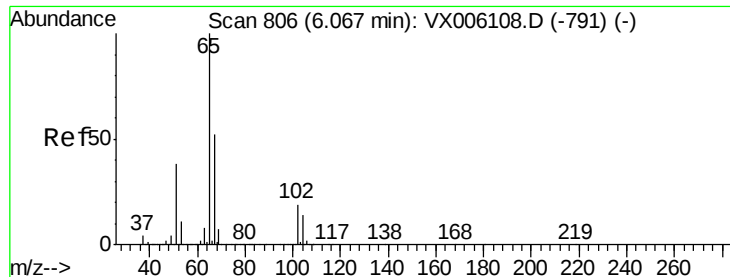
Delta R.T. 0.00 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

Tgt Ion:	97	Resp:	82475
Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.6	77.4
61	45.8	36.6	55.0





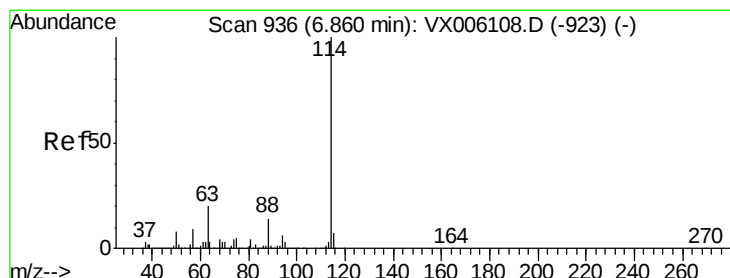
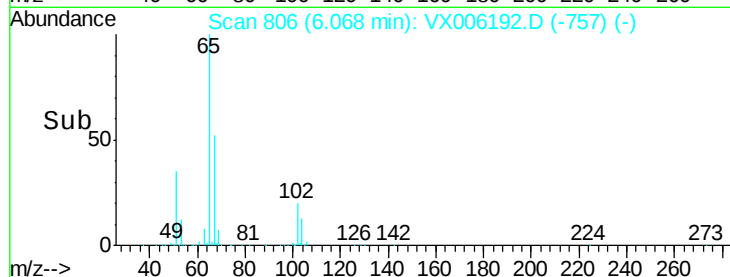
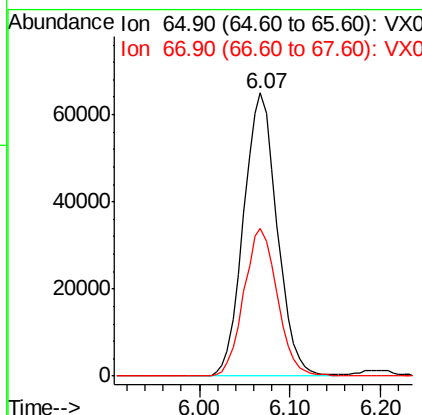
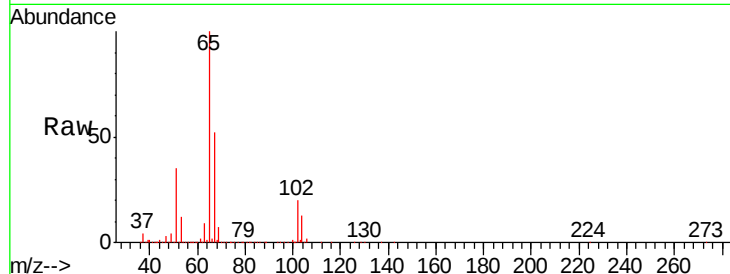
#33
 1,2-Dichloroethane-d4
 Concen: 54.60 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006192.D
 Acq: 26 Nov 2018 23:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1126WBS02

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	166483		
67	52.1	0.0	105.8	

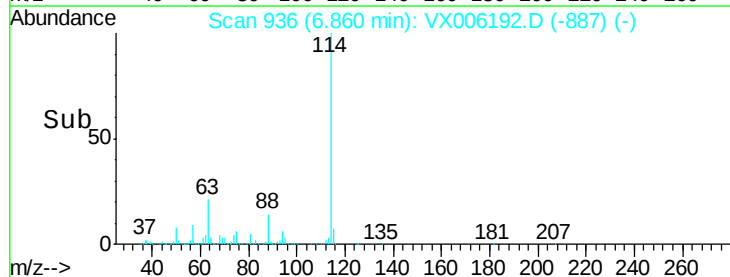
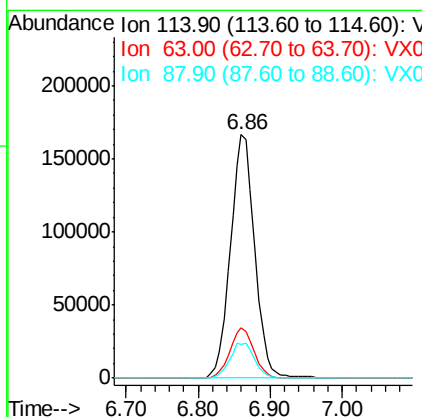
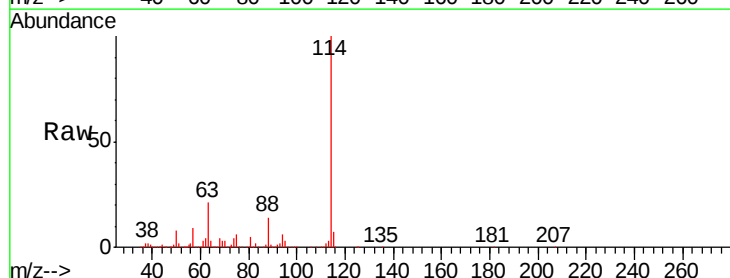
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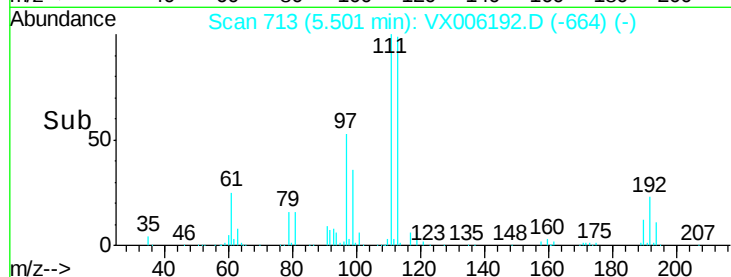
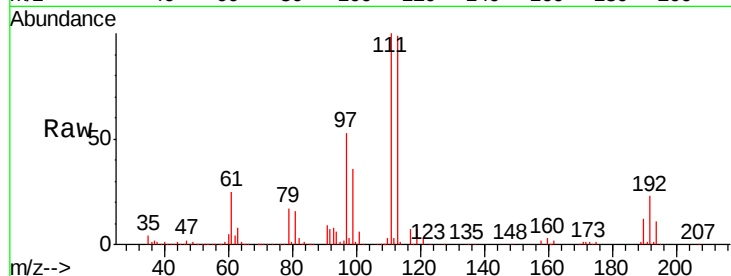
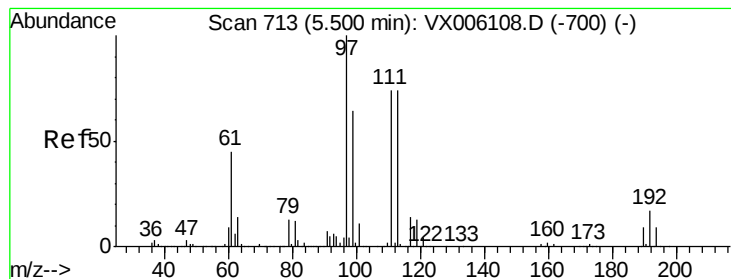
MMDadoda
 11/27/2018 11:43:50 AM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006192.D
 Acq: 26 Nov 2018 23:37

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	389355		
63	20.6	0.0	39.2	
88	14.0	0.0	28.6	





#35

Dibromofluoromethane

Concen: 53.19 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006192.D

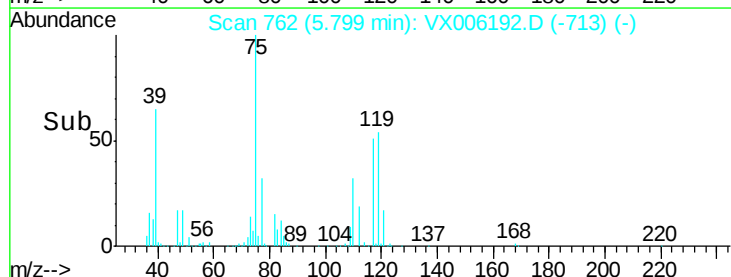
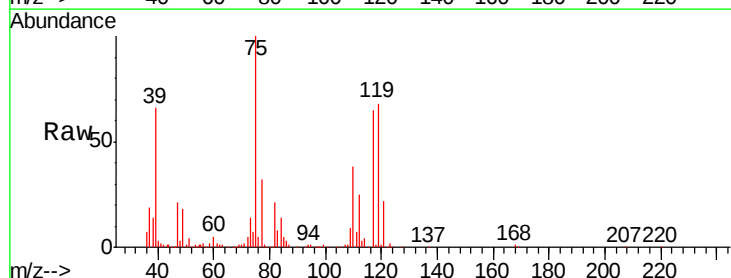
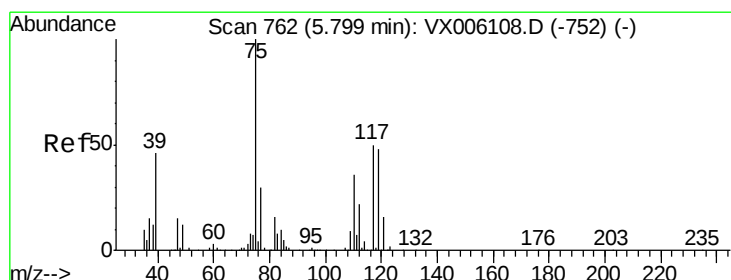
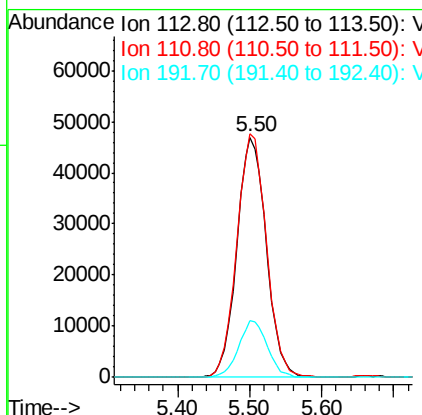
Acq: 26 Nov 2018 23:37

Tgt Ion:	113	Resp:	132951
Ion Ratio	Lower	Upper	
113	100		
111	101.8	81.5	122.3
192	23.1	18.6	28.0

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBS02

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#36

1,1-Dichloropropene

Concen: 19.12 ug/l

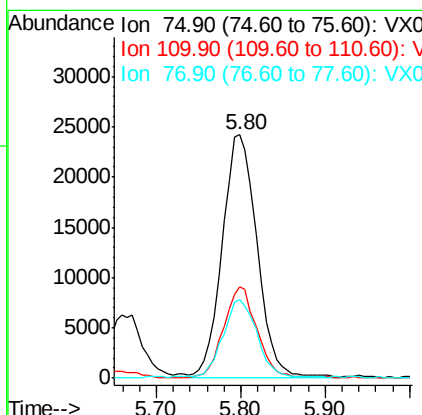
RT: 5.80 min Scan# 762

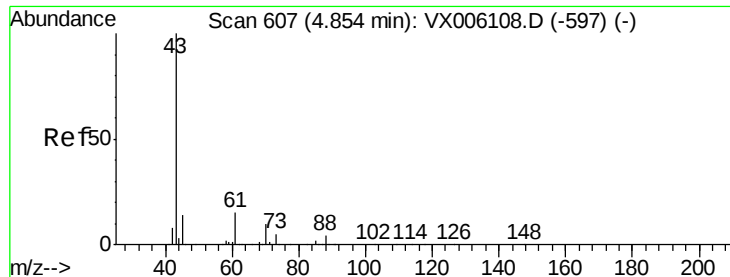
Delta R.T. 0.00 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

Tgt Ion:	75	Resp:	67739
Ion Ratio	Lower	Upper	
75	100		
110	36.5	17.8	53.3
77	30.6	24.5	36.7





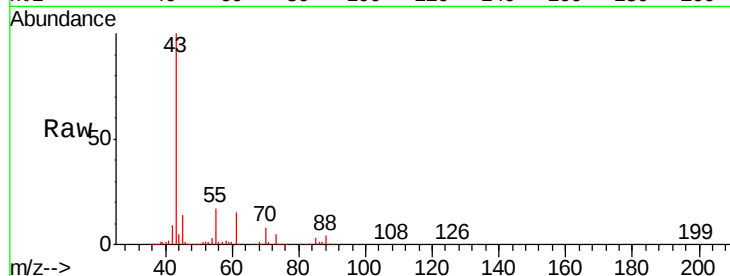
#37
Ethyl Acetate
Concen: 20.50 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006192.D
Acq: 26 Nov 2018 23:37

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBS02

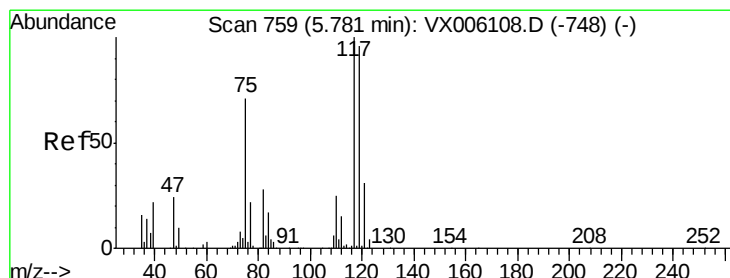
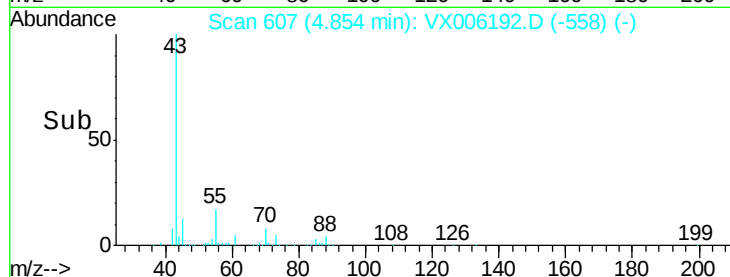
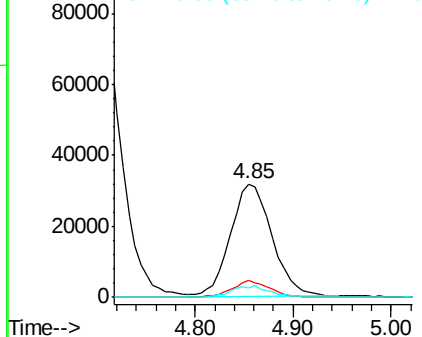
Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.1	10.5	15.7
70	9.9	7.9	11.9

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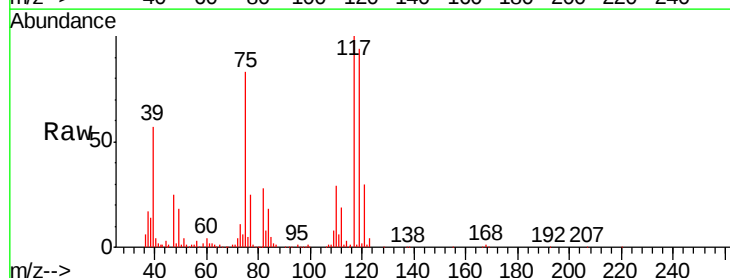


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

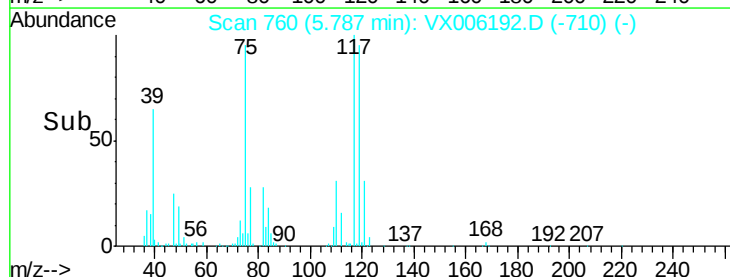
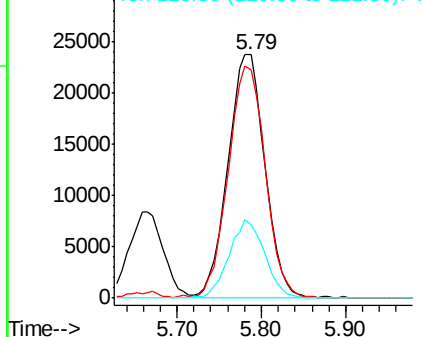


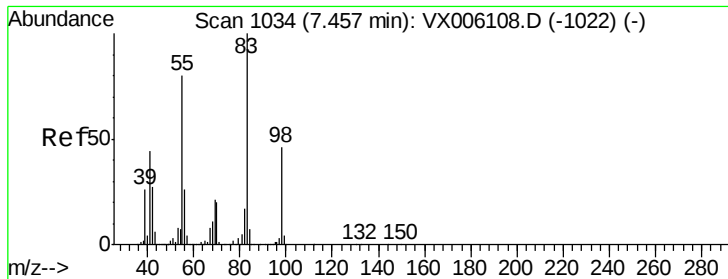
#38
Carbon Tetrachloride
Concen: 21.18 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX006192.D
Acq: 26 Nov 2018 23:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.7	76.3	114.5
121	30.1	24.7	37.1



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





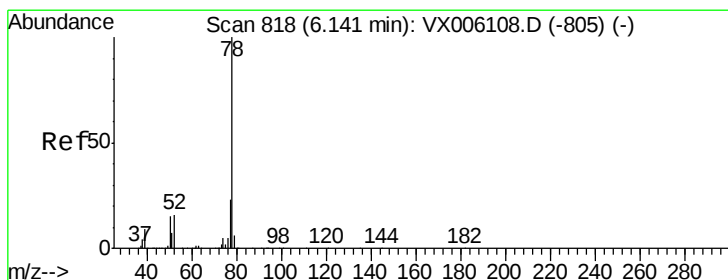
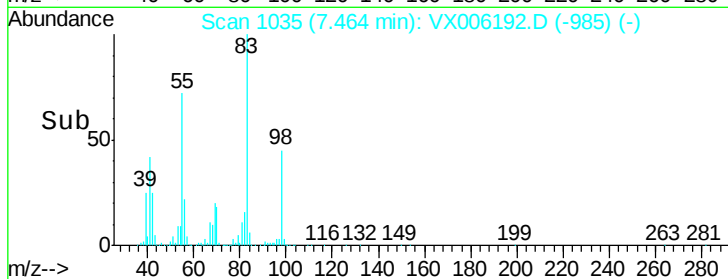
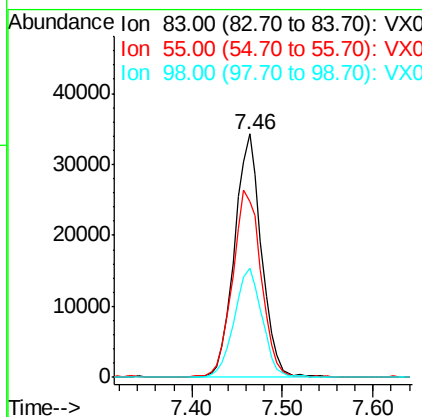
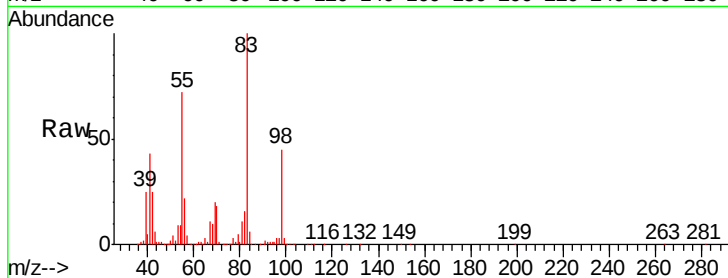
#39
Methylcyclohexane
Concen: 17.55 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX006192.D
Acq: 26 Nov 2018 23:37

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBS02

Tgt Ion	Ratio	Lower	Upper
83	100		
55	72.0	63.9	95.9
98	44.8	36.8	55.2

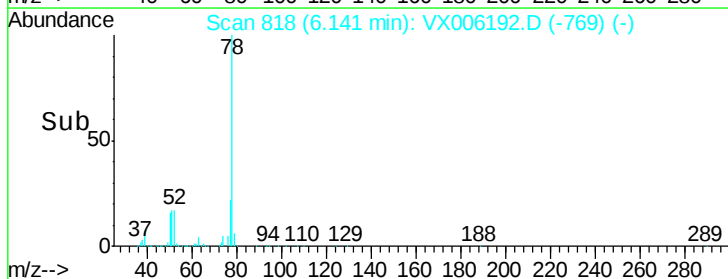
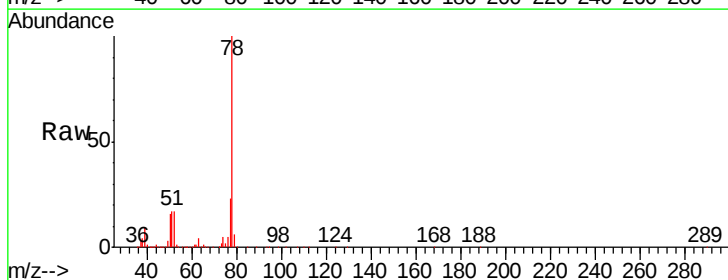
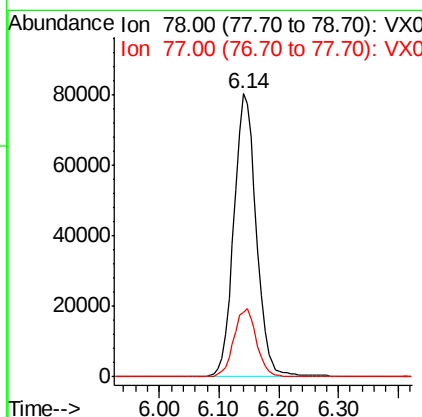
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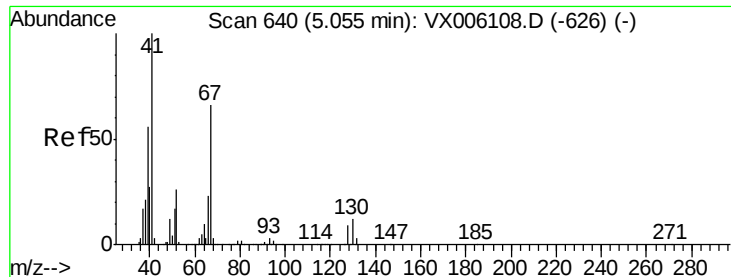
MMDadoda
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#40
Benzene
Concen: 20.19 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006192.D
Acq: 26 Nov 2018 23:37

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.6	18.8	28.2





#41

Methacrylonitrile

Concen: 20.39 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.01 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

Instrument :

MSVOA_X

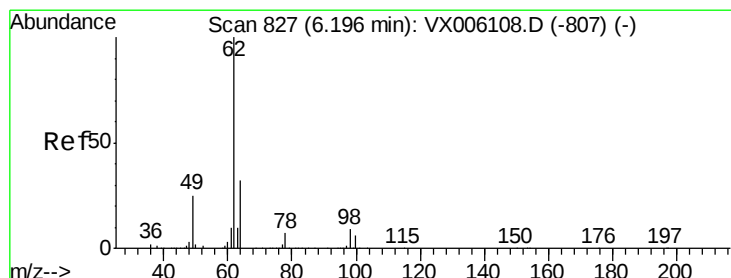
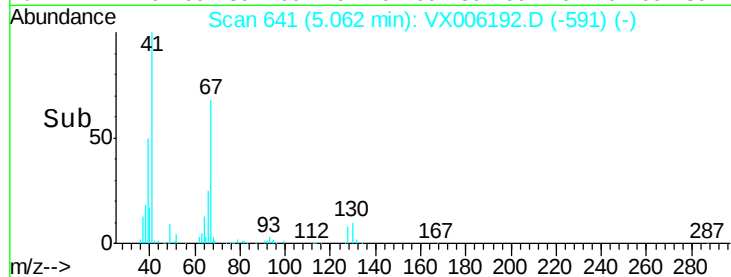
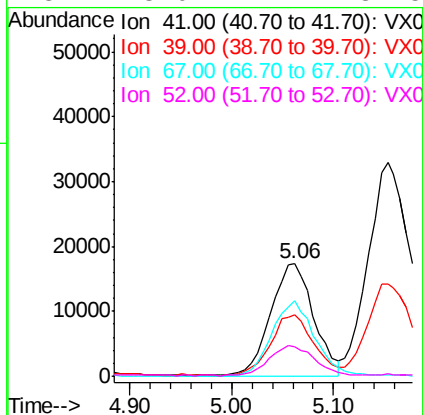
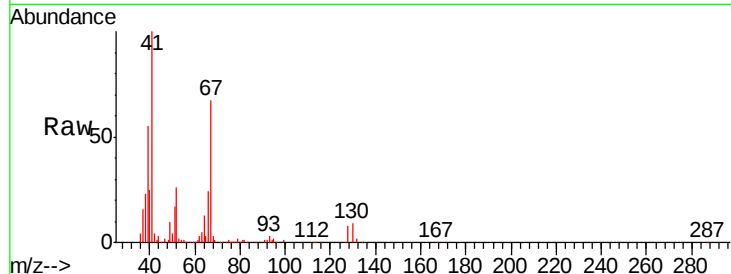
ClientSampleId :

VX1126WBS02

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.5	44.1	66.1	
67	67.3	54.1	81.1	
52	28.0	21.7	32.5	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 20.57 ug/l

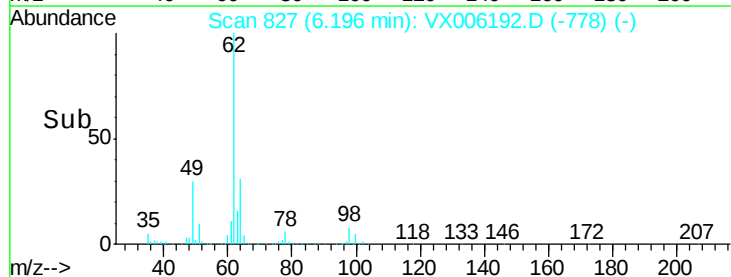
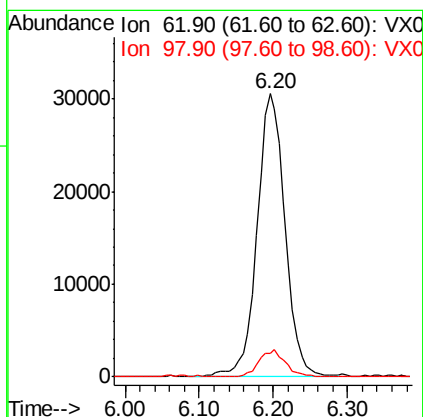
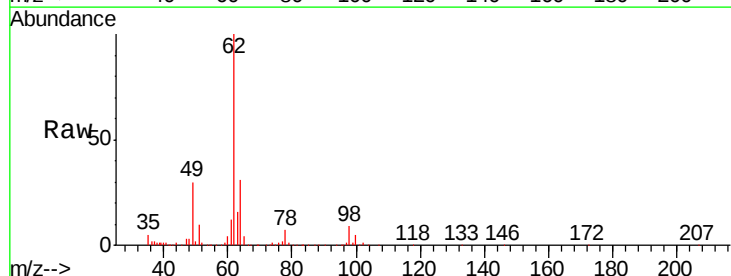
RT: 6.20 min Scan# 827

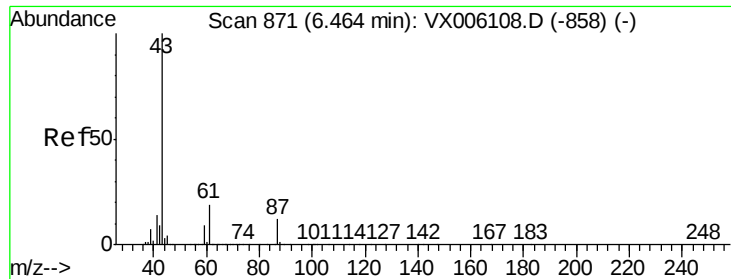
Delta R.T. 0.00 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.2	0.0	17.8	





#43

Isopropyl Acetate

Concen: 20.29 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

Instrument :

MSVOA_X

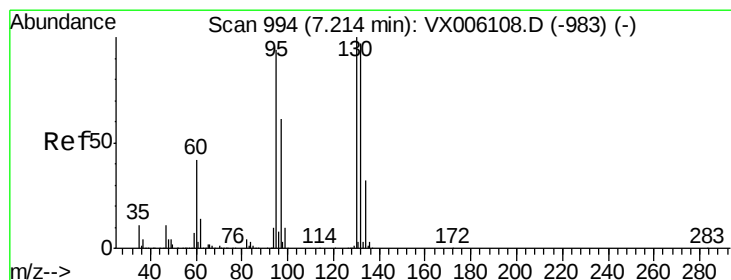
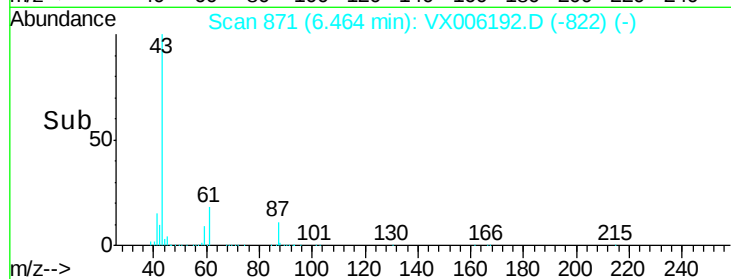
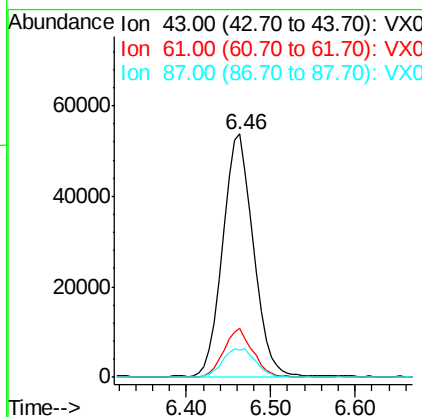
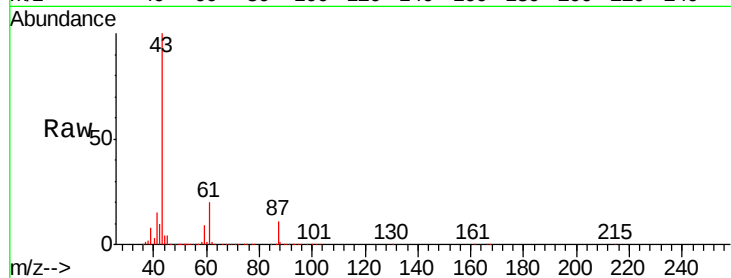
ClientSampleId :

VX1126WBS02

Tgt Ion:	43	Resp:	133508
Ion	Ratio	Lower	Upper
43	100		
61	19.2	15.2	22.8
87	12.9	9.6	14.4

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#44

Trichloroethene

Concen: 19.47 ug/l

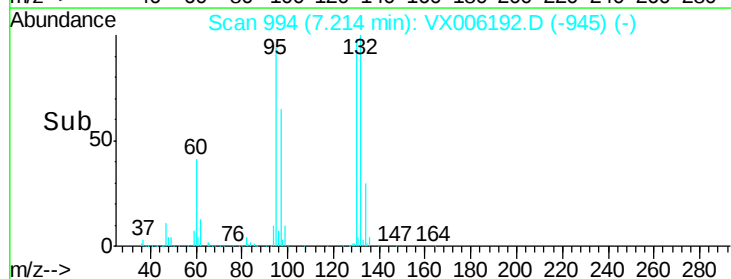
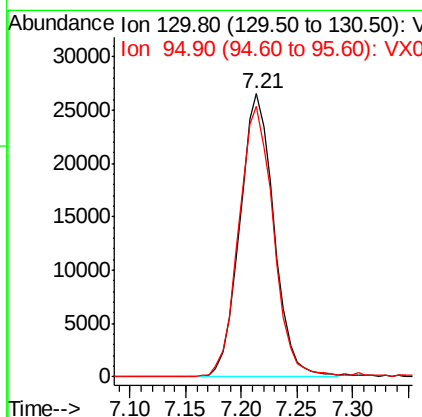
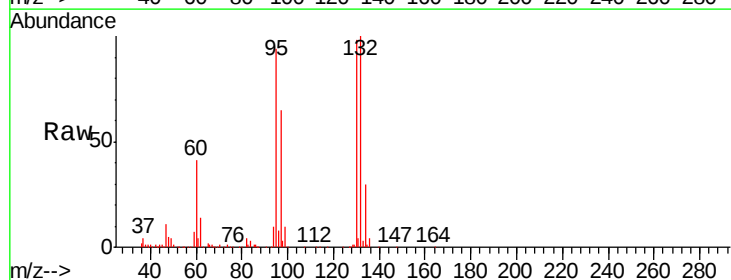
RT: 7.21 min Scan# 994

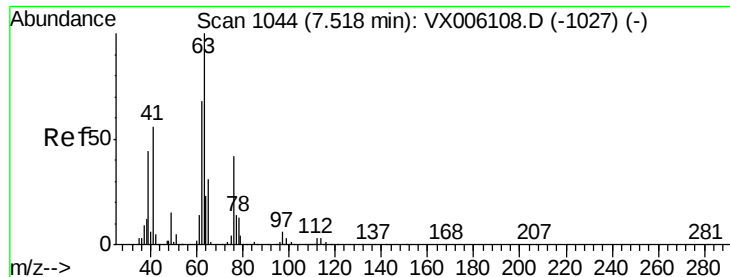
Delta R.T. 0.00 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

Tgt Ion:	130	Resp:	56470
Ion	Ratio	Lower	Upper
130	100		
95	95.8	0.0	188.8





#45

1,2-Dichloropropane

Concen: 20.98 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBS02

Tgt Ion: 63 Resp: 57932

Ion Ratio Lower Upper

63 100

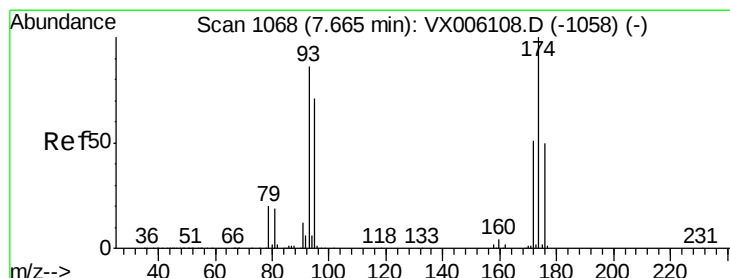
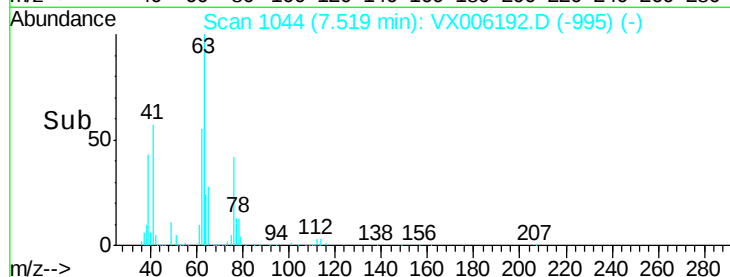
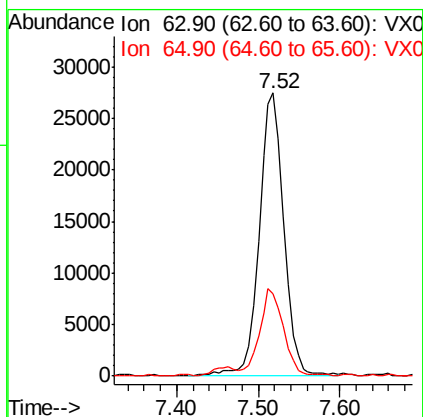
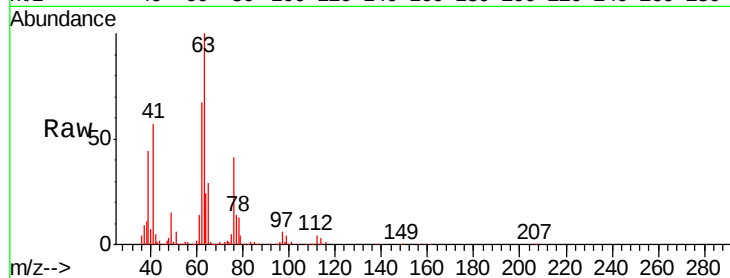
65 28.6 24.8 37.2

Manual Integrations

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11/27/2018 11:43:50 AM



#46

Dibromomethane

Concen: 20.51 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

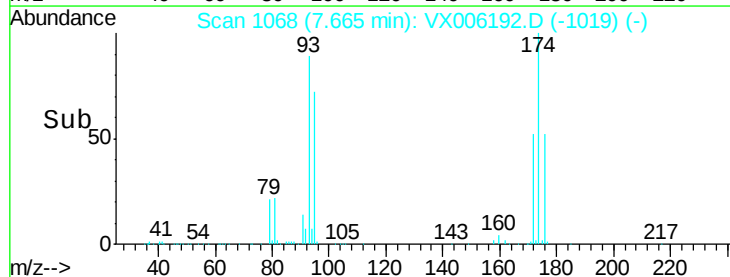
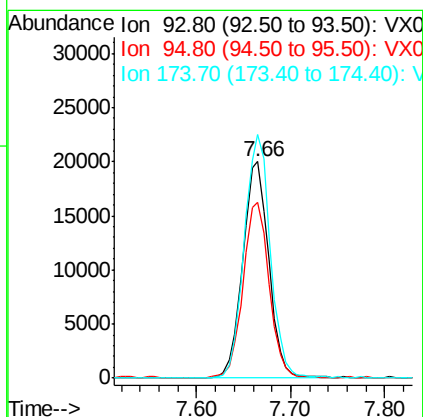
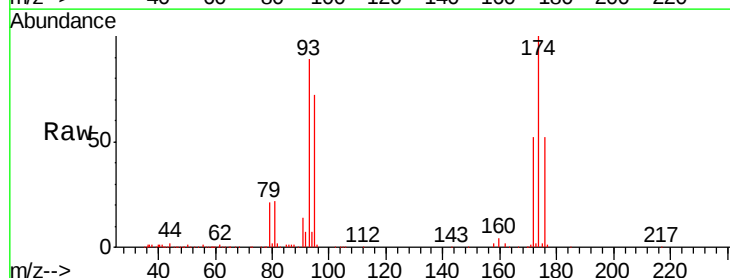
Tgt Ion: 93 Resp: 38801

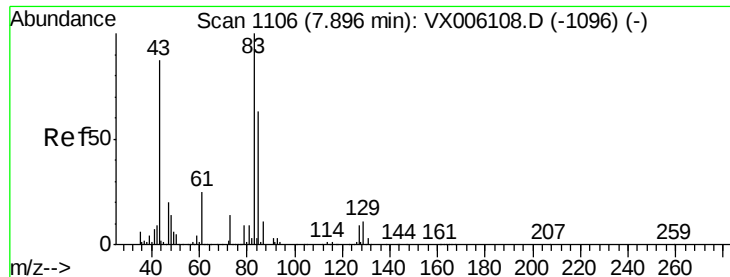
Ion Ratio Lower Upper

93 100

95 81.8 66.3 99.5

174 112.6 91.0 136.6





#47

Bromodichloromethane

Concen: 20.91 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

Instrument :

MSVOA_X

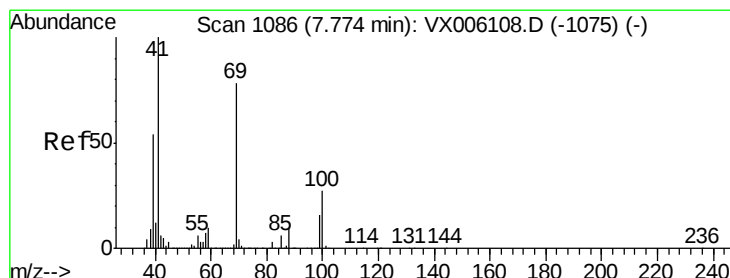
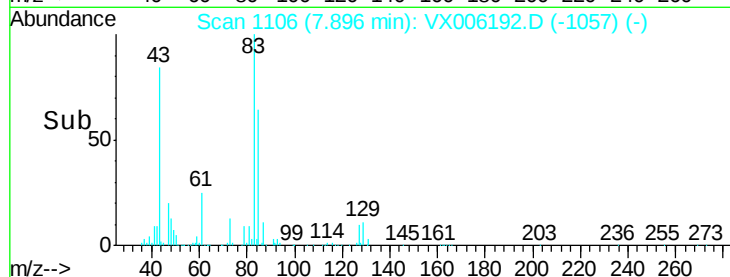
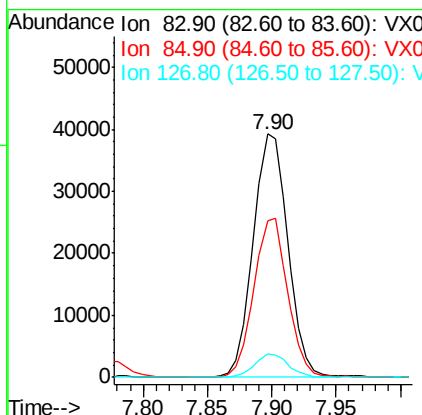
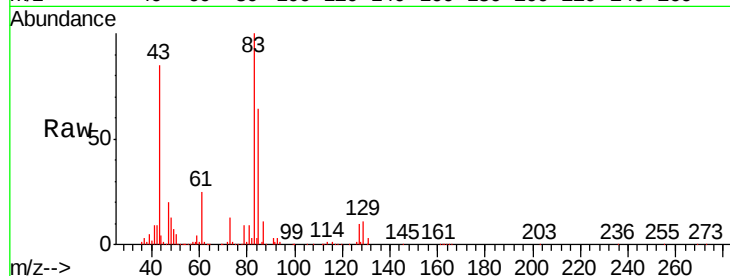
ClientSampleId :

VX1126WBS02

Tgt Ion:	83	Resp:	73134
Ion	Ratio	Lower	Upper
83	100		
85	64.0	50.4	75.6
127	9.6	7.0	10.4

Manual Integrations
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11/27/2018 11:43:50 AM



#48

Methyl methacrylate

Concen: 21.33 ug/l

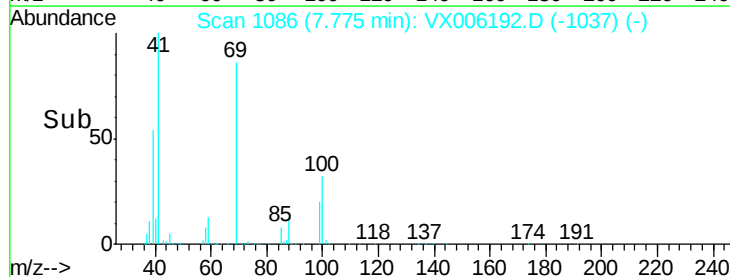
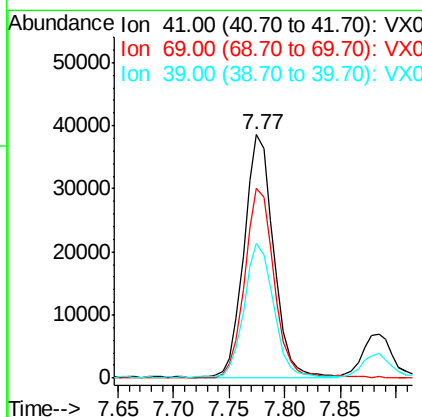
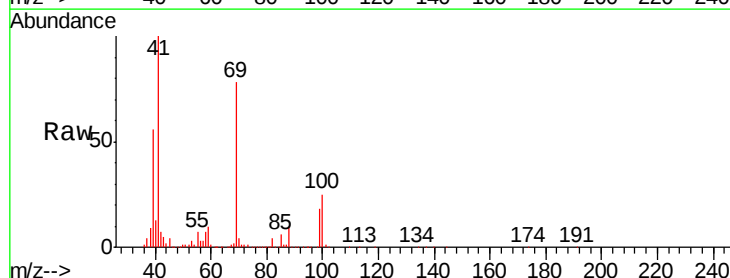
RT: 7.77 min Scan# 1086

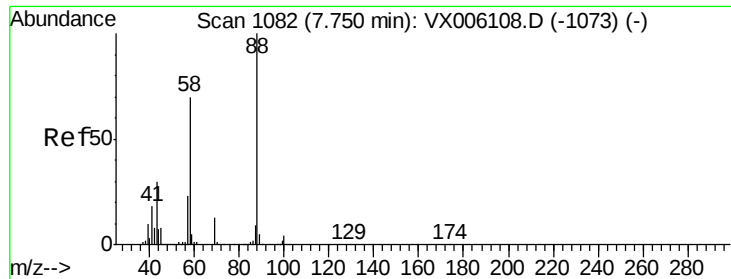
Delta R.T. 0.00 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

Tgt Ion:	41	Resp:	71210
Ion	Ratio	Lower	Upper
41	100		
69	77.5	62.8	94.2
39	54.3	43.8	65.6





#49

1,4-Dioxane

Concen: 401.77 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

Instrument :

MSVOA_X

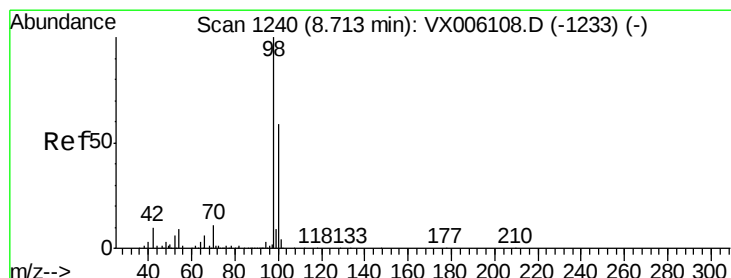
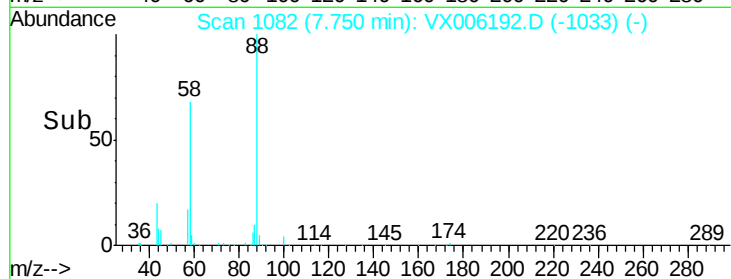
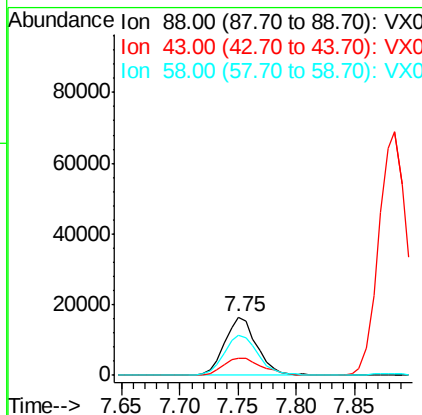
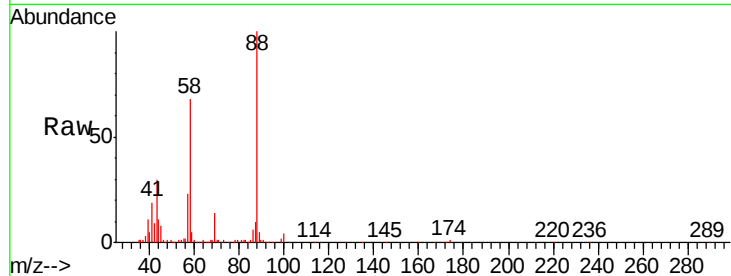
ClientSampleId :

VX1126WBS02

Tgt Ion:	88	Resp:	31816
Ion	Ratio	Lower	Upper
88	100		
43	36.6	26.7	40.1
58	72.9	58.5	87.7

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#50

Toluene-d8

Concen: 52.30 ug/l

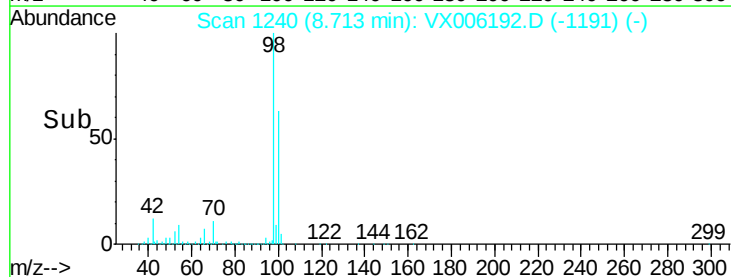
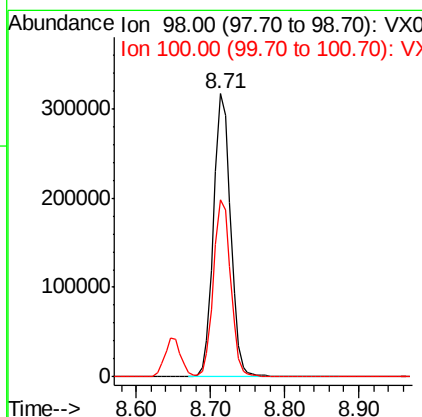
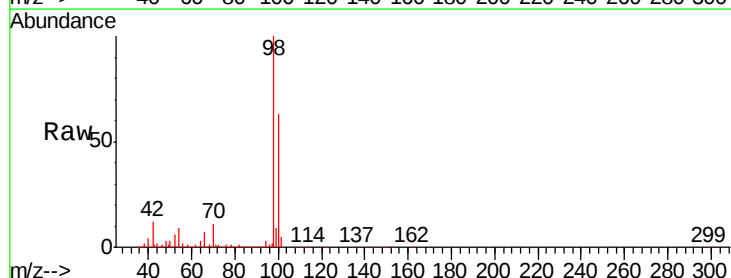
RT: 8.71 min Scan# 1240

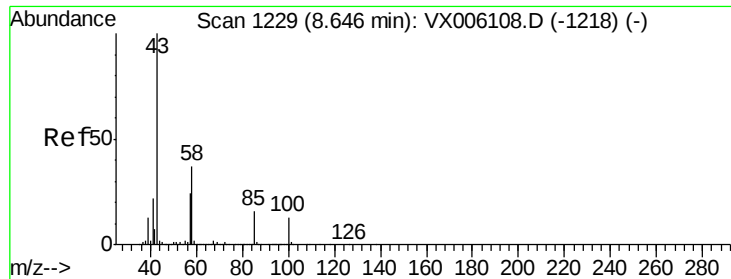
Delta R.T. 0.00 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

Tgt Ion:	98	Resp:	498542
Ion	Ratio	Lower	Upper
98	100		
100	63.3	51.0	76.4





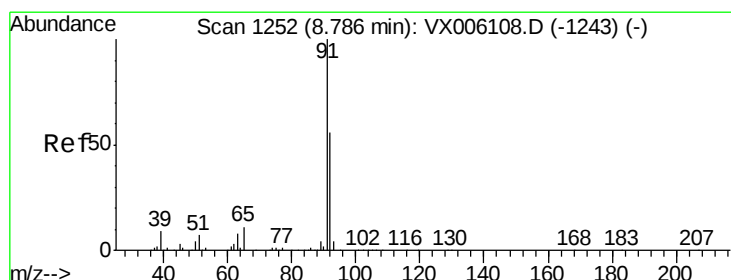
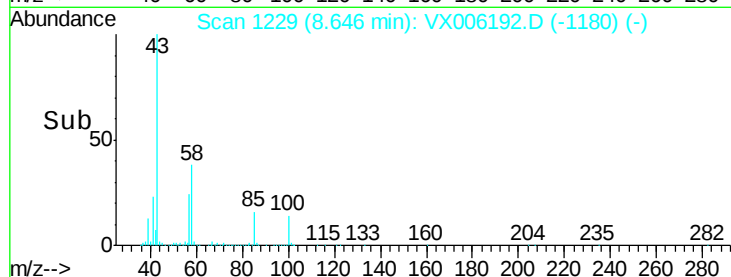
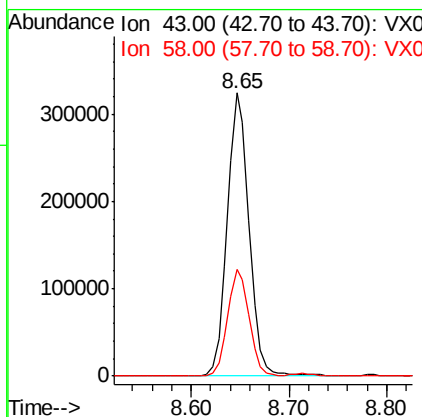
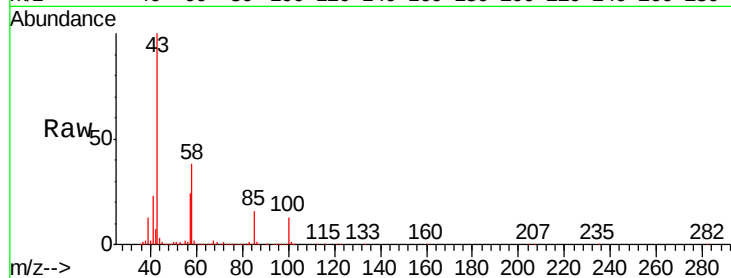
#51
4-Methyl-2-Pentanone
Concen: 105.65 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VX006192.D
Acq: 26 Nov 2018 23:37

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBS02

Tgt Ion: 43 Resp: 498460
Ion Ratio Lower Upper
43 100
58 37.4 29.9 44.9

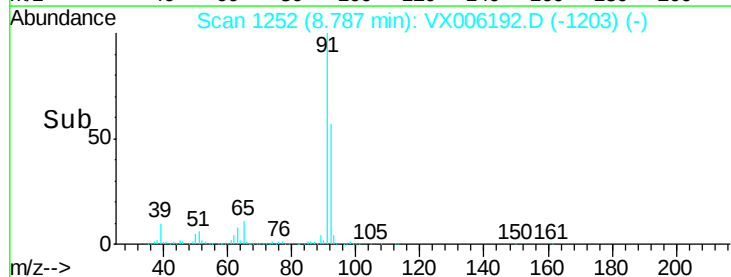
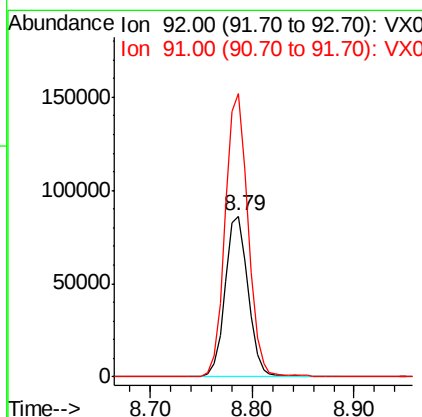
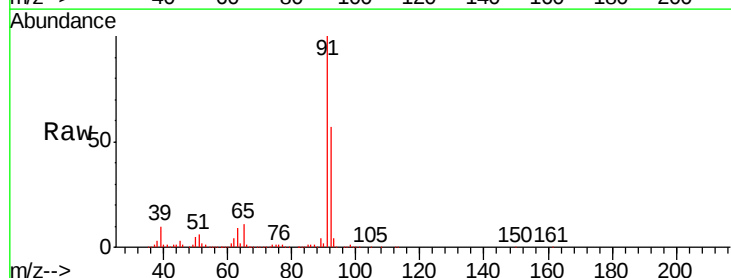
Manual Integrations
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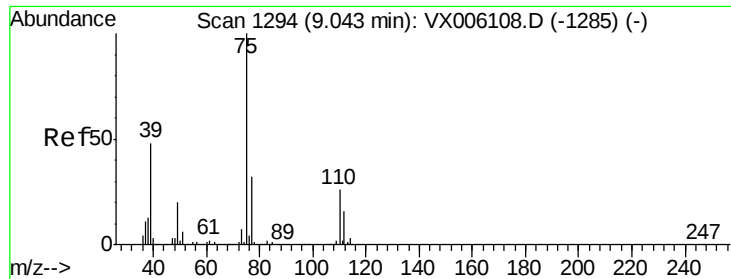
MMDadoda
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#52
Toluene
Concen: 20.82 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX006192.D
Acq: 26 Nov 2018 23:37

Tgt Ion: 92 Resp: 134409
Ion Ratio Lower Upper
92 100
91 174.9 142.5 213.7





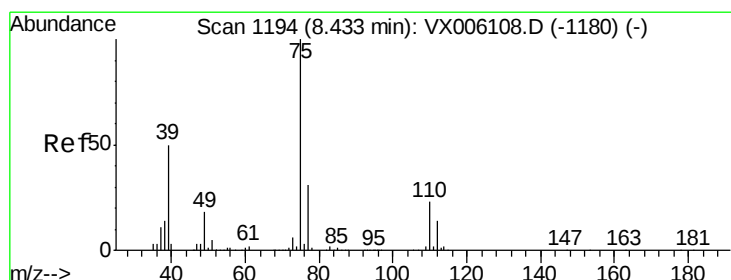
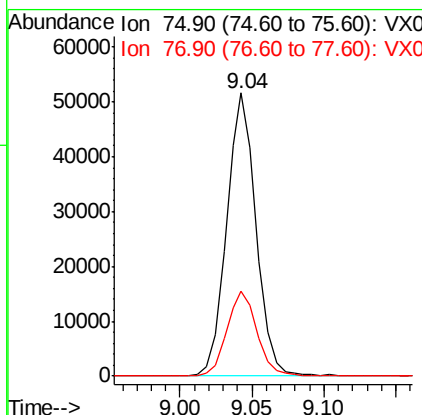
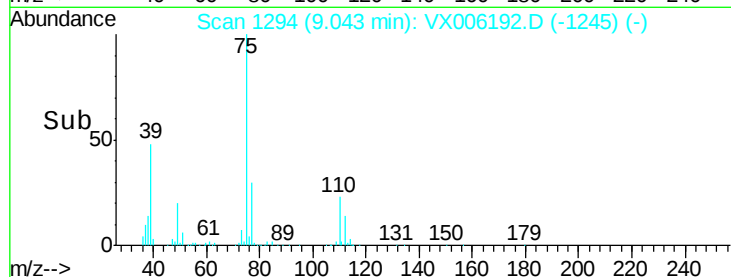
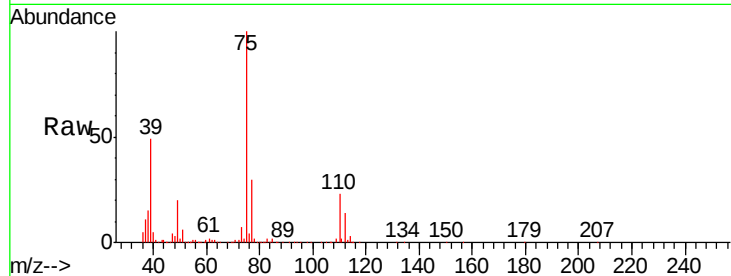
#53
t-1,3-Dichloropropene
Concen: 20.18 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX006192.D
Acq: 26 Nov 2018 23:37

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBS02

Tgt Ion: 75 Resp: 73650
Ion Ratio Lower Upper
75 100
77 29.9 25.7 38.5

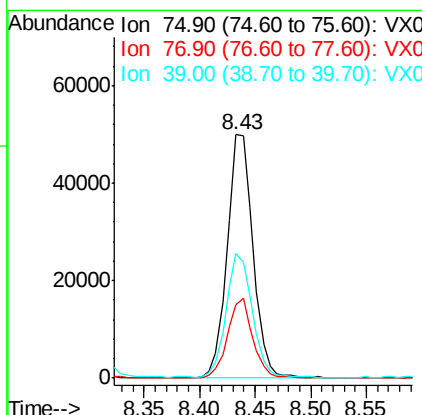
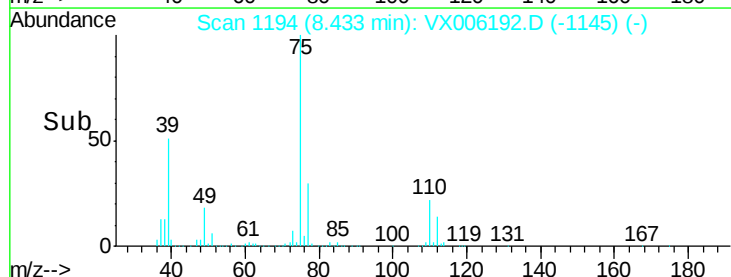
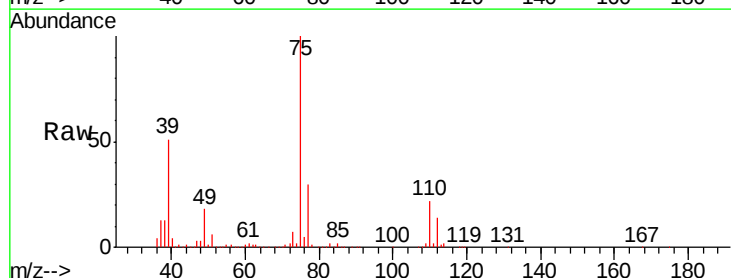
Manual Integrations
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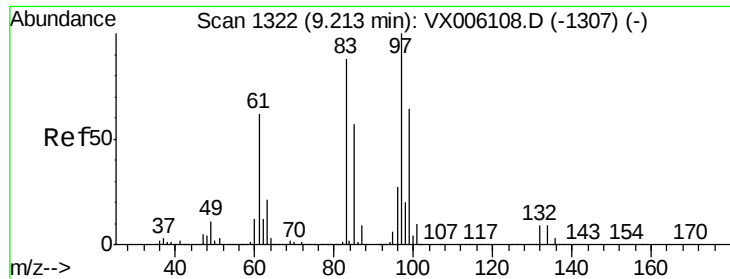
MMDadoda
11/27/2018 11:43:50 AM



#54
cis-1,3-Dichloropropene
Concen: 19.95 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX006192.D
Acq: 26 Nov 2018 23:37

Tgt Ion: 75 Resp: 80527
Ion Ratio Lower Upper
75 100
77 30.2 24.7 37.1
39 51.0 40.3 60.5





#55

1,1,2-Trichloroethane

Concen: 20.21 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

Instrument :

MSVOA_X

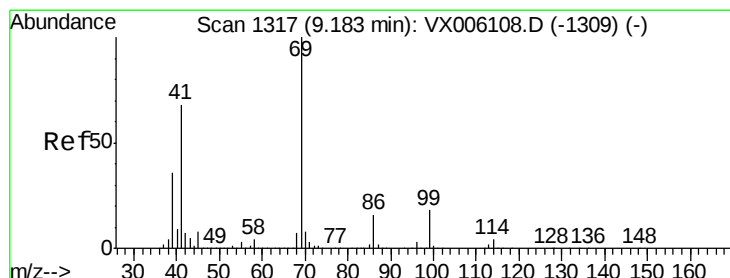
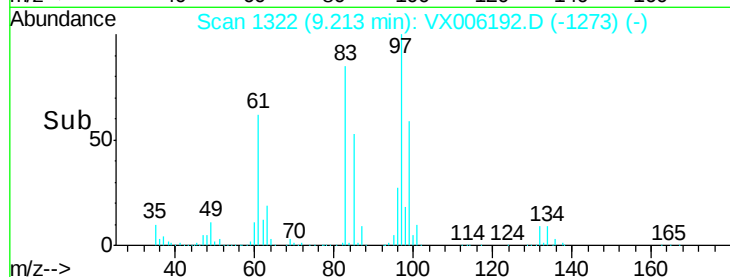
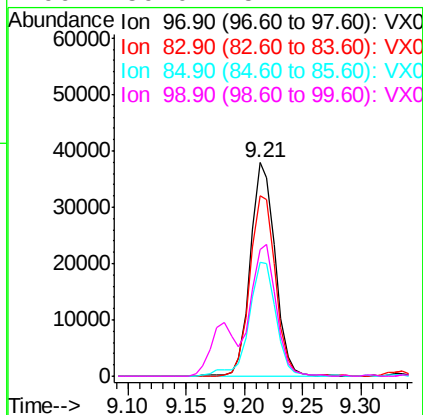
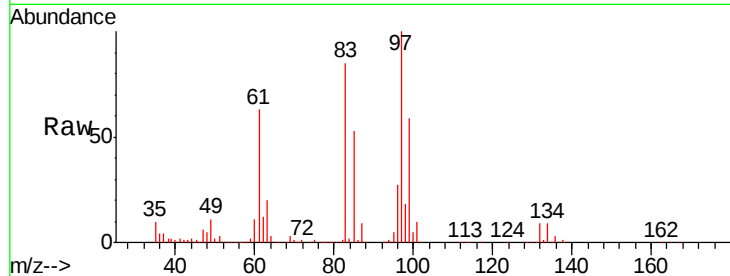
ClientSampleId :

VX1126WBS02

Tgt Ion:	97	Resp:	56504
Ion	Ratio	Lower	Upper
97	100		
83	84.6	70.7	106.1
85	52.9	45.7	68.5
99	59.0	51.4	77.2

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#56

Ethyl methacrylate

Concen: 19.66 ug/l

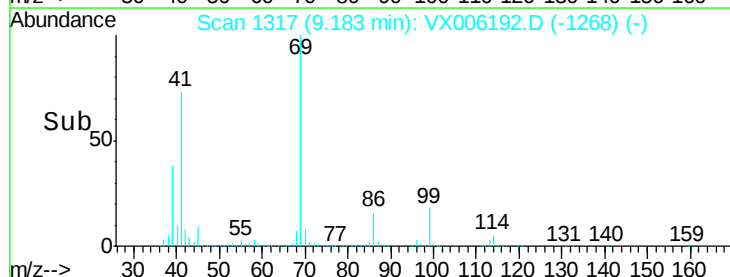
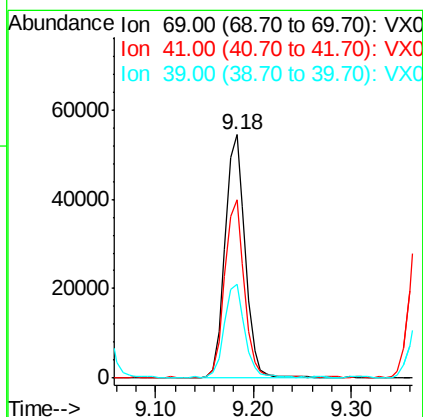
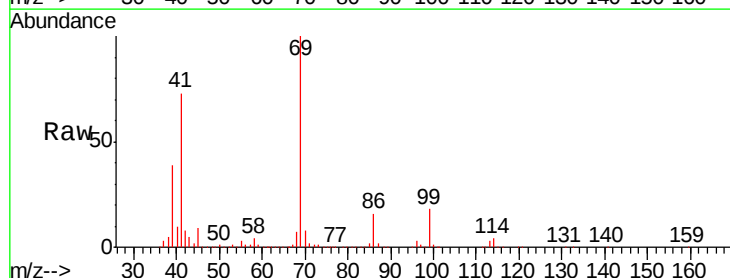
RT: 9.18 min Scan# 1317

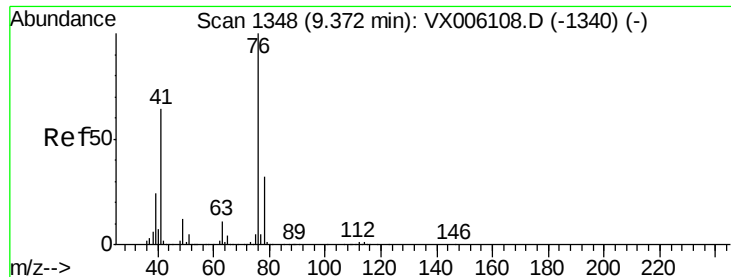
Delta R.T. 0.00 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

Tgt Ion:	69	Resp:	77561
Ion	Ratio	Lower	Upper
69	100		
41	71.2	56.2	84.4
39	39.3	29.4	44.0





#57

1,3-Dichloropropane

Concen: 20.24 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBS02

Tgt Ion: 76 Resp: 93275

Ion Ratio Lower Upper

76 100

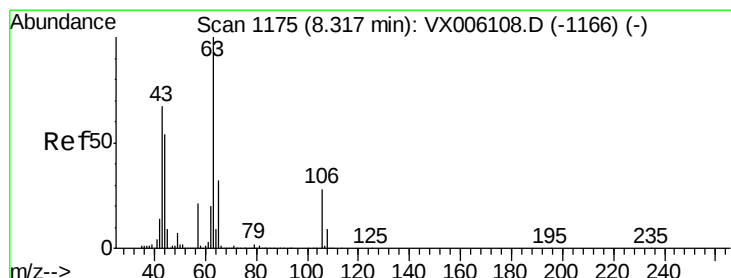
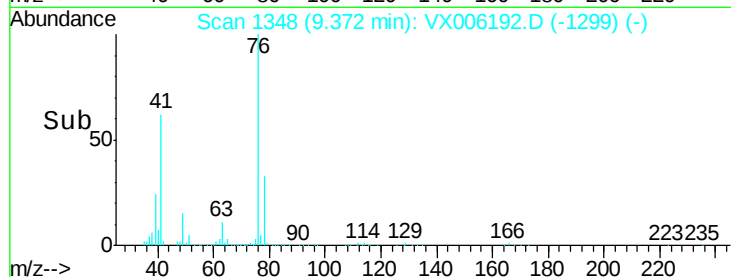
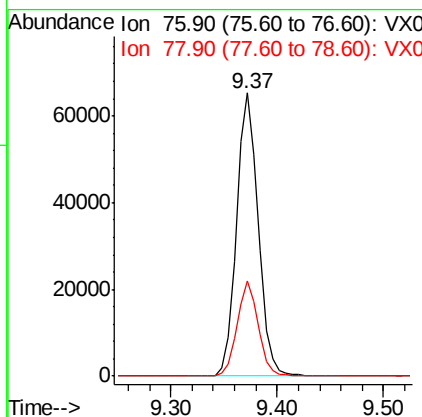
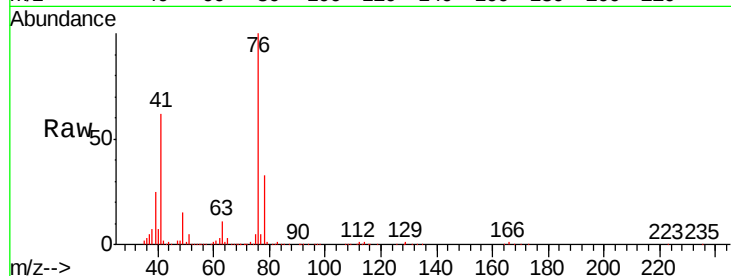
78 32.9 25.7 38.5

Manual Integrations

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11/27/2018 11:43:50 AM



#58

2-Chloroethyl Vinyl ether

Concen: 99.45 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.01 min

Lab File: VX006192.D

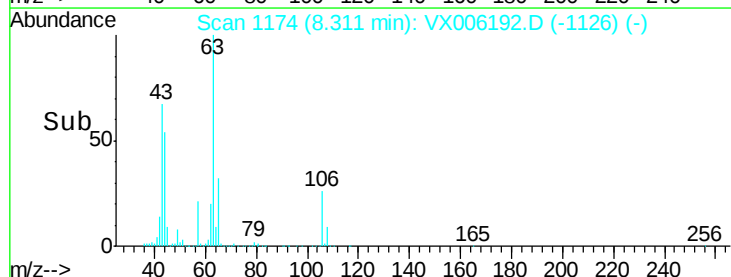
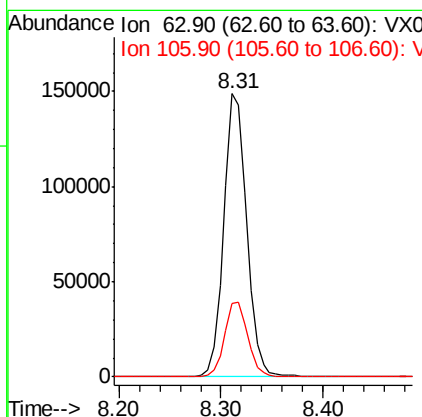
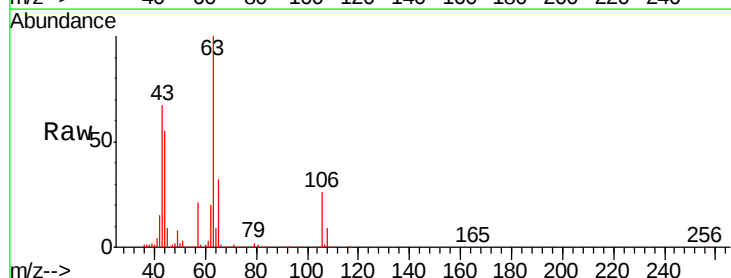
Acq: 26 Nov 2018 23:37

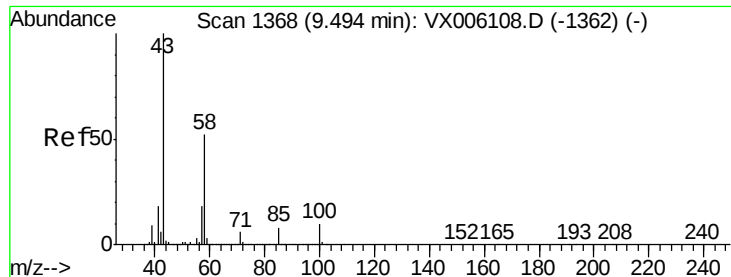
Tgt Ion: 63 Resp: 231525

Ion Ratio Lower Upper

63 100

106 26.9 21.7 32.5





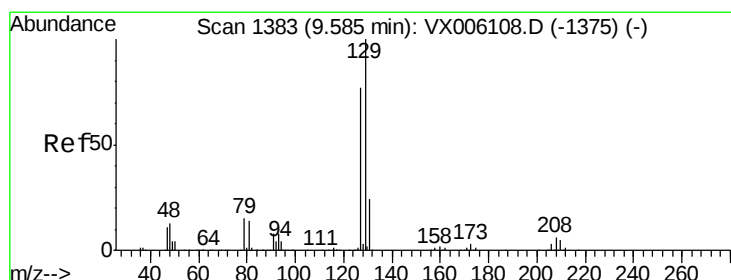
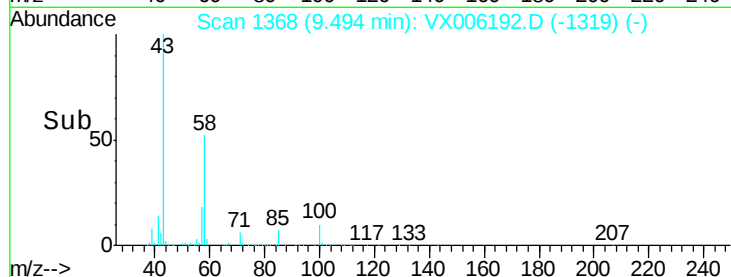
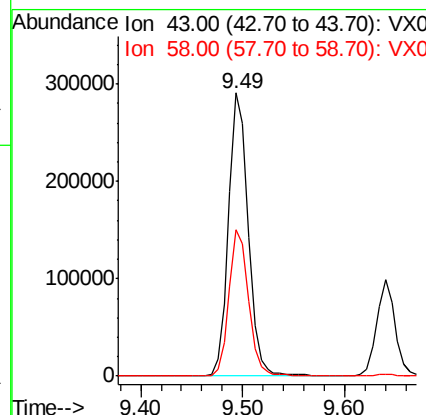
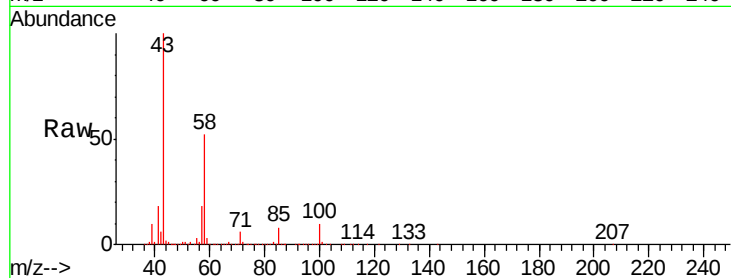
#59
2-Hexanone
Concen: 104.06 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006192.D
Acq: 26 Nov 2018 23:37

Instrument :
MSVOA_X
ClientSampleId :
VX1126WS02

Tgt Ion: 43 Resp: 389628
Ion Ratio Lower Upper
43 100
58 51.6 26.3 78.9

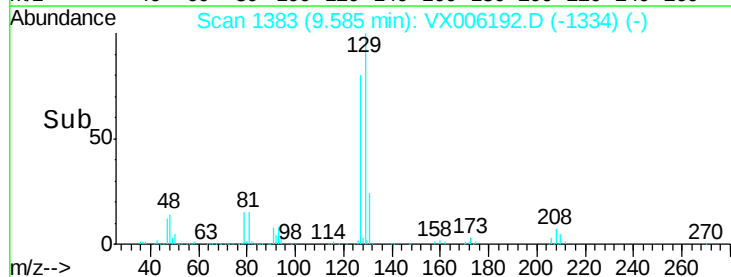
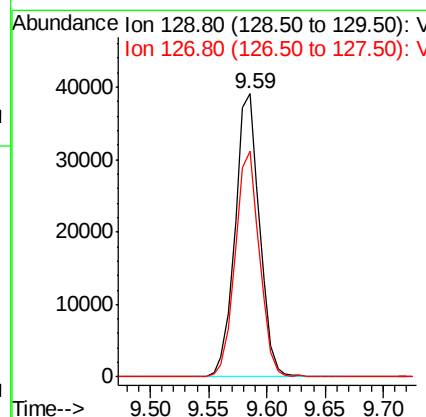
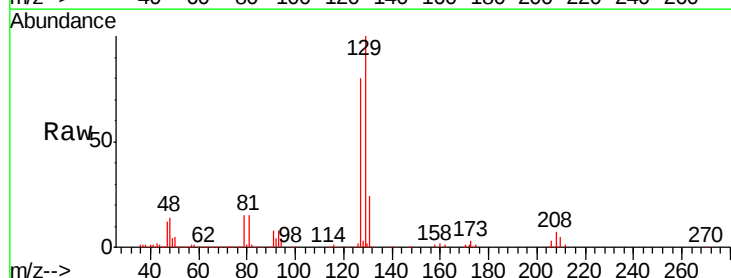
Manual Integrations
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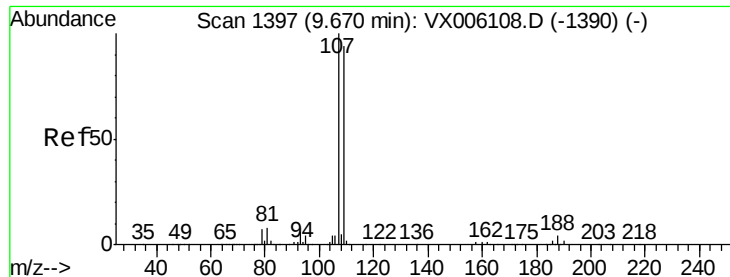
MMDadoda
11/27/2018 11:43:50 AM



#60
Dibromochloromethane
Concen: 20.89 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006192.D
Acq: 26 Nov 2018 23:37

Tgt Ion: 129 Resp: 57258
Ion Ratio Lower Upper
129 100
127 78.9 39.1 117.5





#61

1,2-Dibromoethane

Concen: 20.94 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBS02

Tgt Ion: 107 Resp: 60316

Ion Ratio Lower Upper

107 100

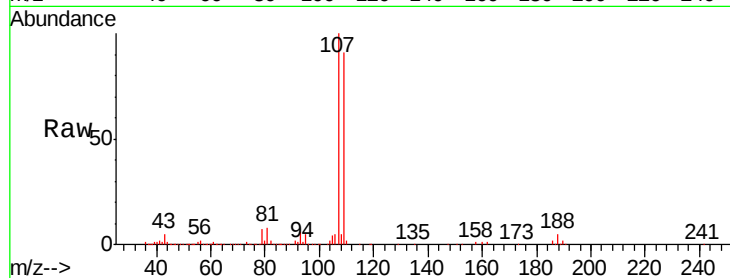
109 94.6 75.7 113.5

Manual Integrations

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

50000

40000

30000

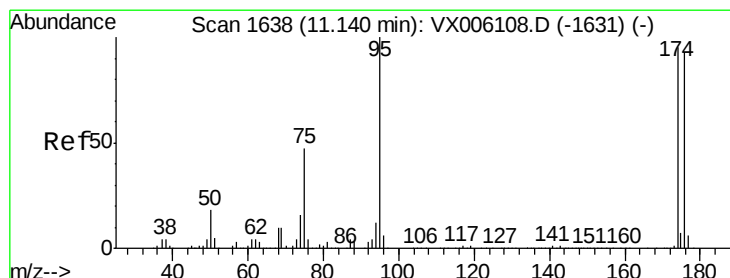
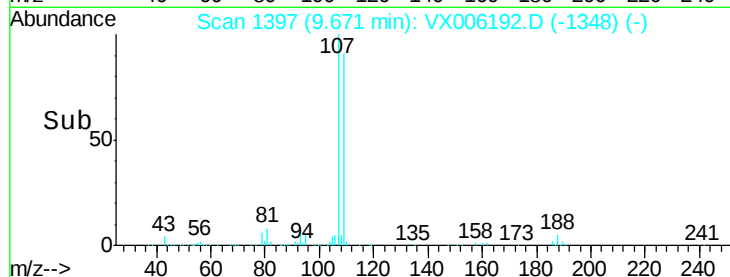
20000

10000

0

9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 49.86 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

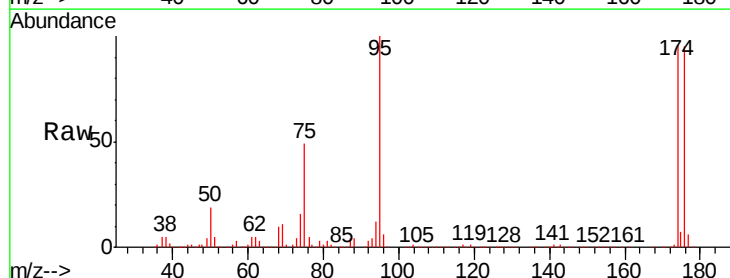
Tgt Ion: 95 Resp: 178351

Ion Ratio Lower Upper

95 100

174 92.7 0.0 184.4

176 90.2 0.0 179.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

150000

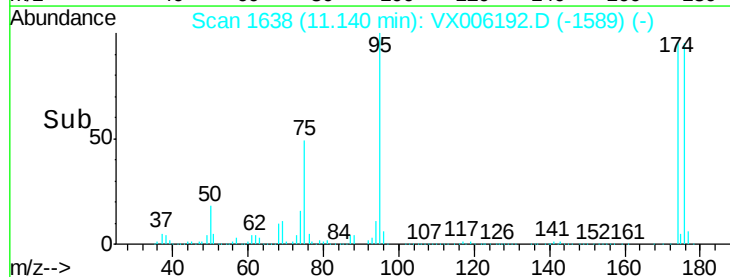
100000

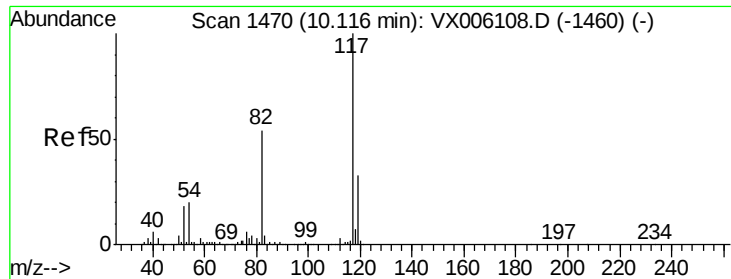
50000

0

11.10 11.20

Time-->





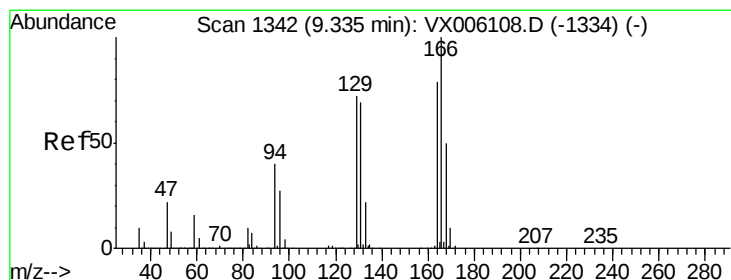
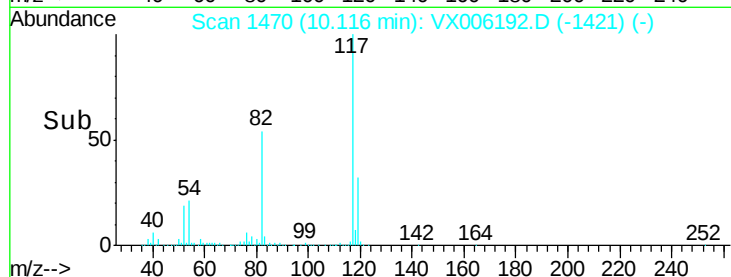
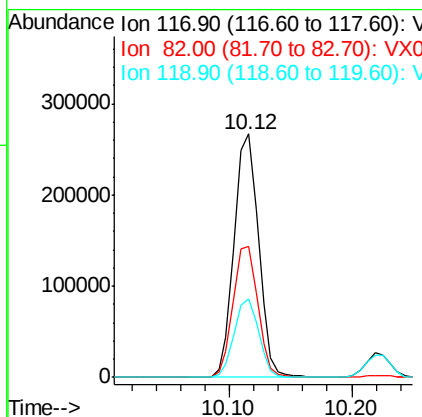
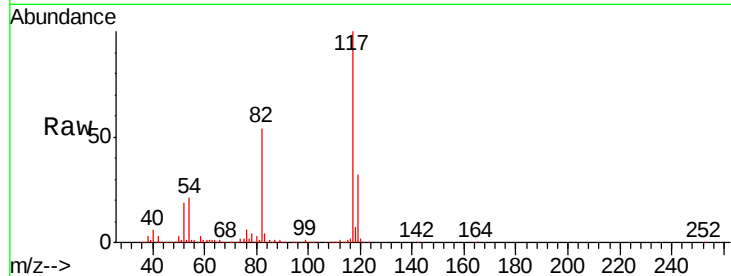
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006192.D
Acq: 26 Nov 2018 23:37

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBS02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	368348		
82	53.9	43.0	64.4	
119	32.1	26.1	39.1	

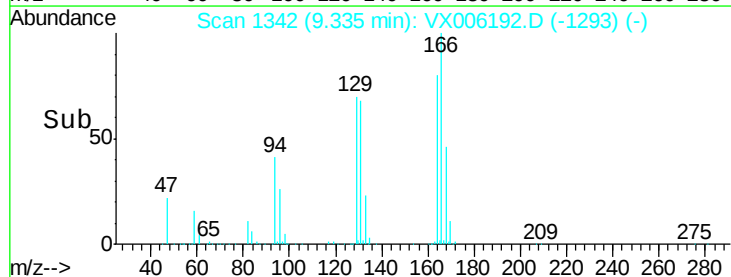
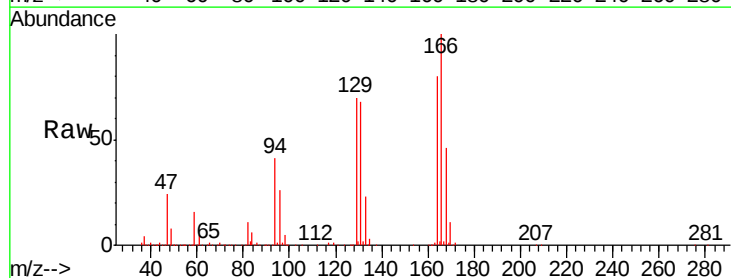
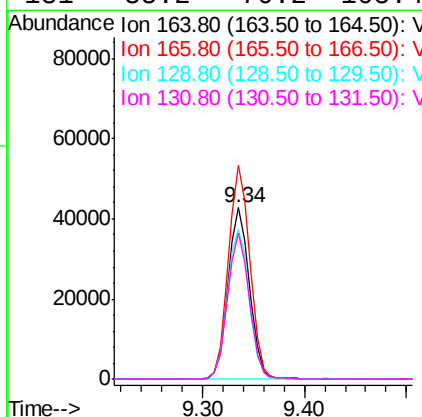
Manual Integrations
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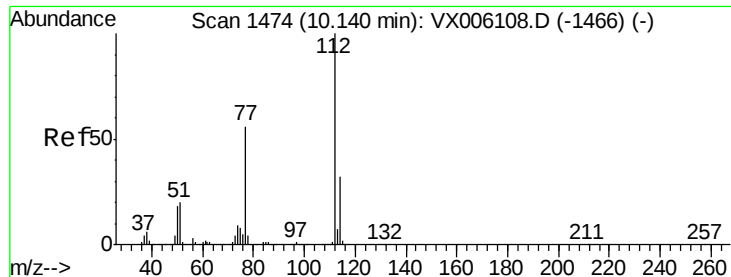
MMDadoda
11/27/2018 11:43:50 AM



#64
Tetrachloroethene
Concen: 20.35 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006192.D
Acq: 26 Nov 2018 23:37

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	61691		
166	124.8	101.5	152.3	
129	87.4	73.4	110.0	
131	85.2	70.2	105.4	





#65

Chlorobenzene

Concen: 19.97 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBS02

Tgt Ion:112 Resp: 150894

Ion Ratio Lower Upper

112 100

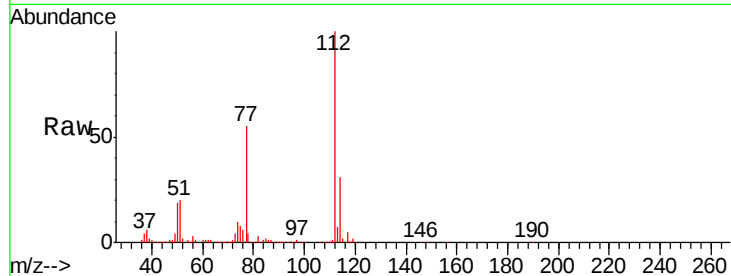
114 30.9 25.6 38.4

Manual Integrations

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

120000

100000

80000

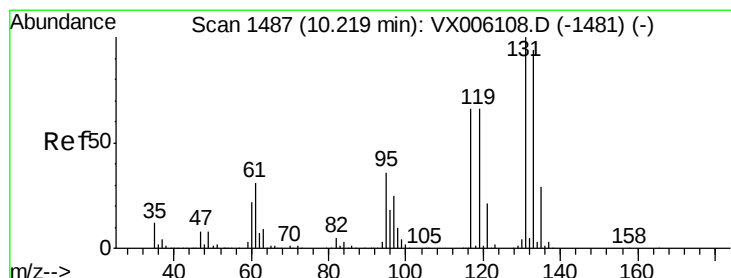
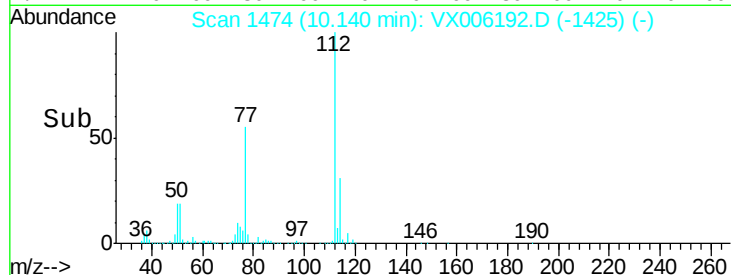
60000

40000

20000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 20.81 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

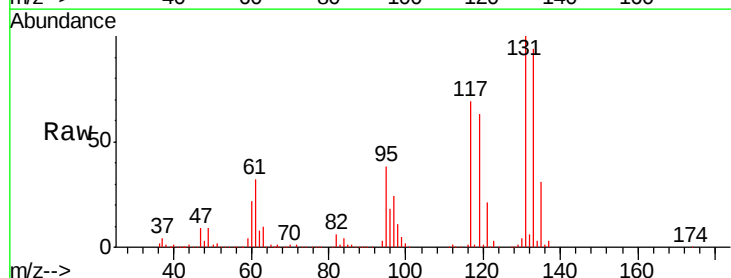
Tgt Ion:131 Resp: 53968

Ion Ratio Lower Upper

131 100

133 96.4 48.0 144.2

119 64.7 32.6 97.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.22

50000

40000

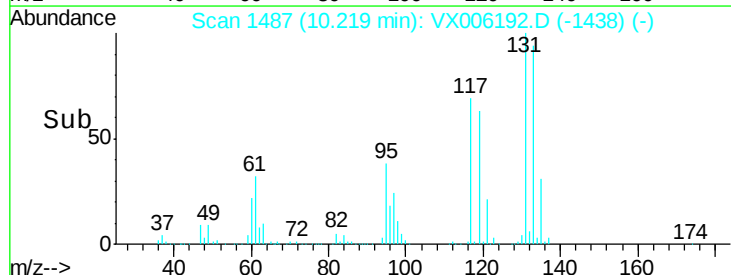
30000

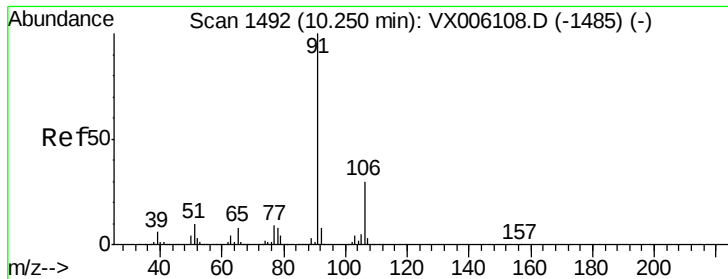
20000

10000

0

Time-->





#67

Ethyl Benzene

Concen: 20.15 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBS02

Tgt Ion: 91 Resp: 249336

Ion Ratio Lower Upper

91 100

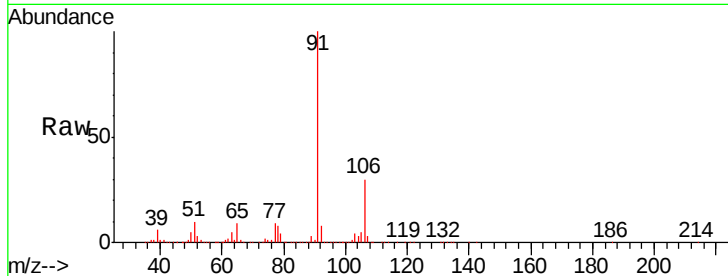
106 29.7 24.4 36.6

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX006108.D (-1485) (-)

Ion 106.00 (105.70 to 106.70): VX006108.D (-1485) (-)

300000

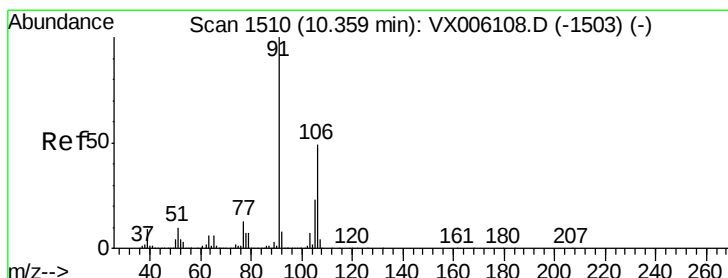
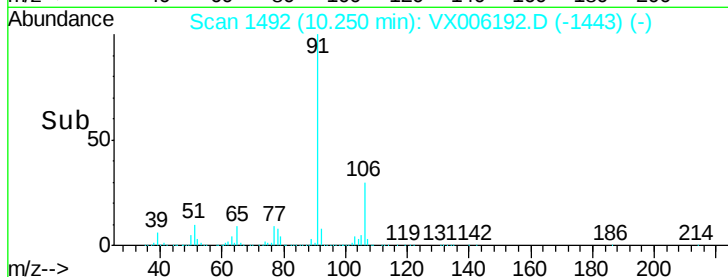
200000

100000

0

10.20 10.25 10.30

Time-->



#68

m/p-Xylenes

Concen: 39.79 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006192.D

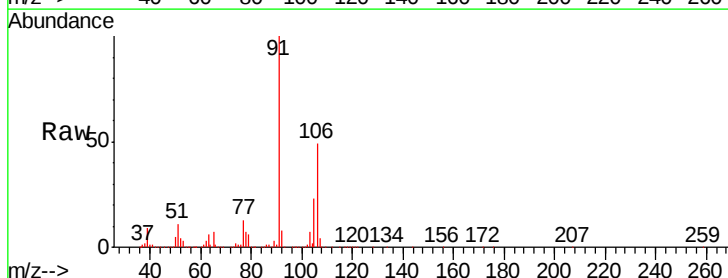
Acq: 26 Nov 2018 23:37

Tgt Ion: 106 Resp: 191693

Ion Ratio Lower Upper

106 100

91 204.8 162.0 243.0



Abundance Ion 106.00 (105.70 to 106.70): VX006108.D (-1503) (-)

Ion 91.00 (90.70 to 91.70): VX006108.D (-1503) (-)

300000

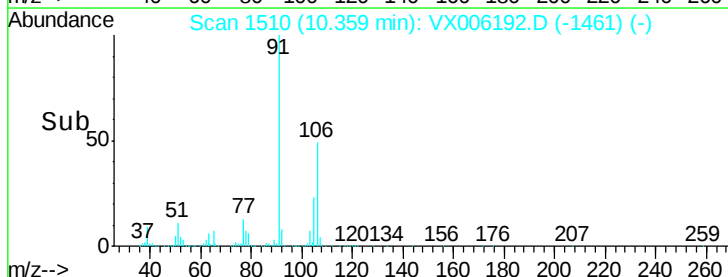
200000

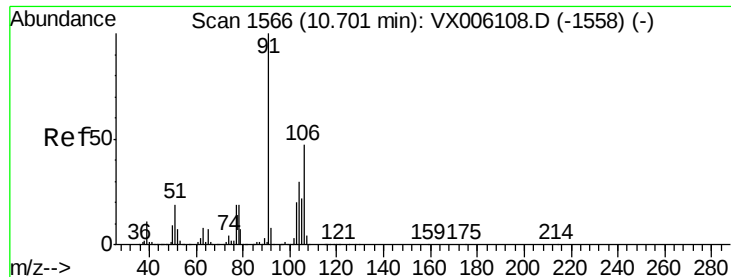
100000

0

10.30 10.36 10.40 10.50

Time-->





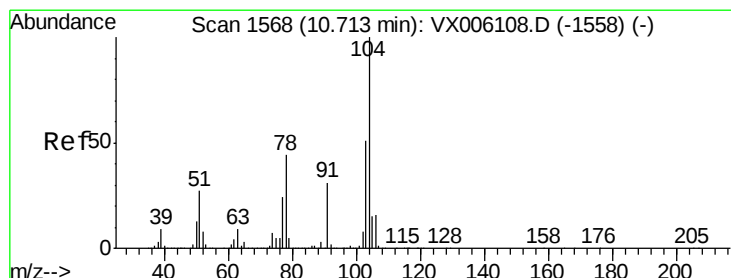
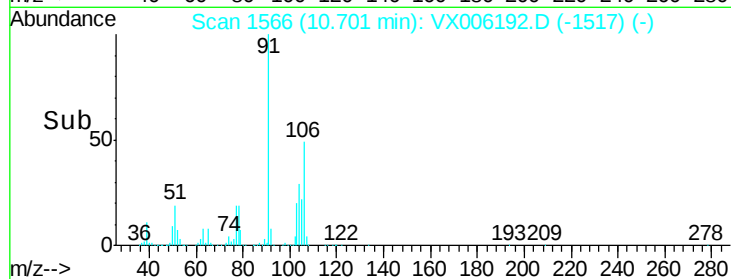
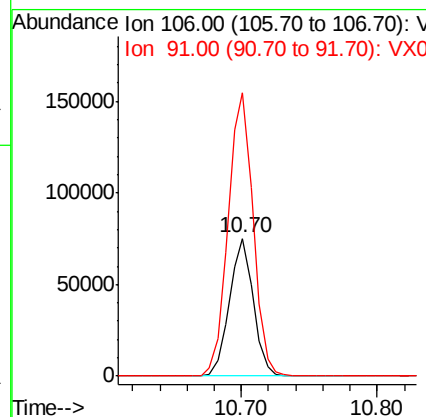
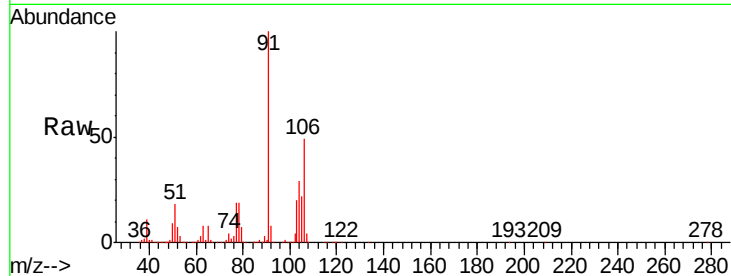
#69
o-Xylene
Concen: 19.83 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006192.D
Acq: 26 Nov 2018 23:37

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBS02

Tgt Ion:106 Resp: 91259
Ion Ratio Lower Upper
106 100
91 215.9 107.4 322.2

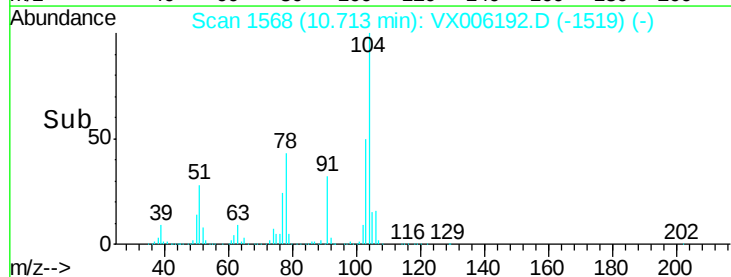
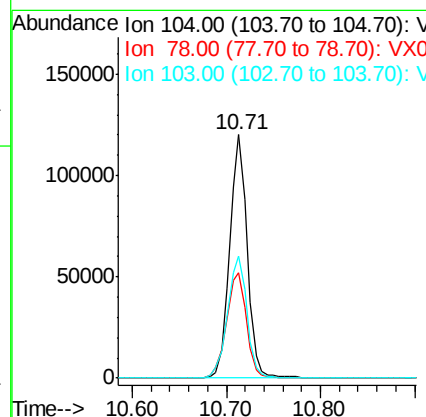
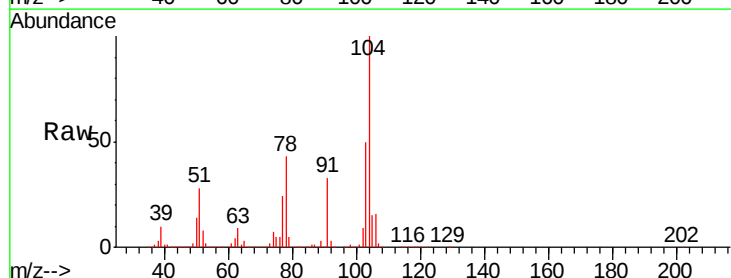
Manual Integrations
APPROVED

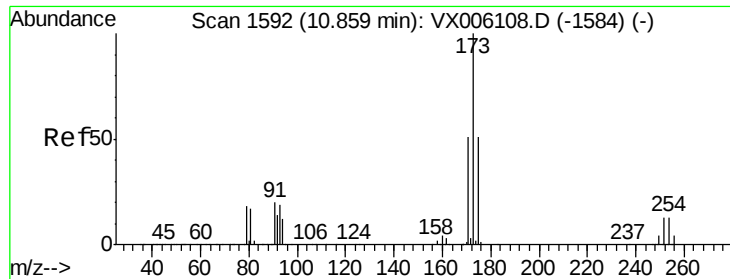
MMDadoda
11/27/2018 11:43:50 AM



#70
Styrene
Concen: 20.71 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006192.D
Acq: 26 Nov 2018 23:37

Tgt Ion:104 Resp: 155401
Ion Ratio Lower Upper
104 100
78 49.6 39.4 59.2
103 55.6 44.6 67.0





#71

Bromoform

Concen: 19.69 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006192.D

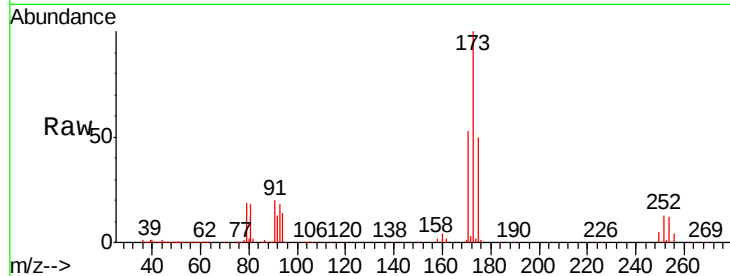
Acq: 26 Nov 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBS02



Tgt Ion:173 Resp: 45729

Ion Ratio Lower Upper

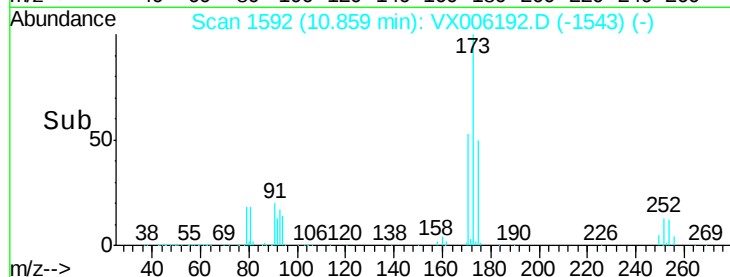
173 100

175 50.3 24.9 74.6

254 0.1 0.2 0.2#

Manual Integrations
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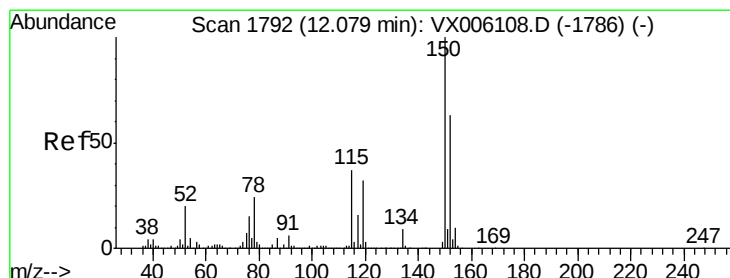
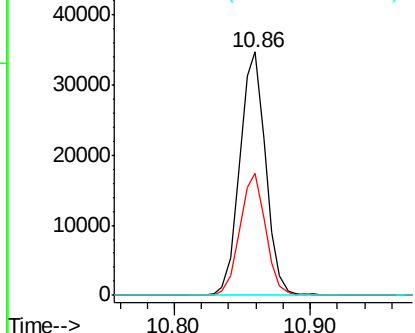
MMDadoda
11/27/2018 11:43:50 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

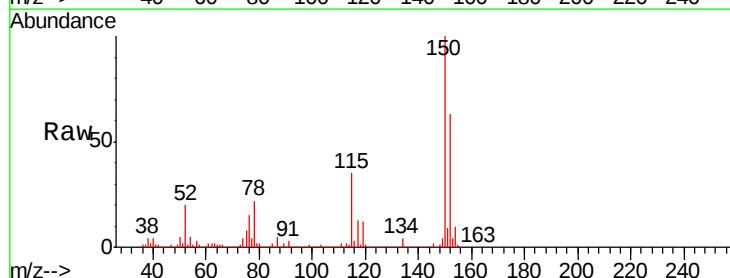
Tgt Ion:152 Resp: 200886

Ion Ratio Lower Upper

152 100

115 64.2 39.0 116.9

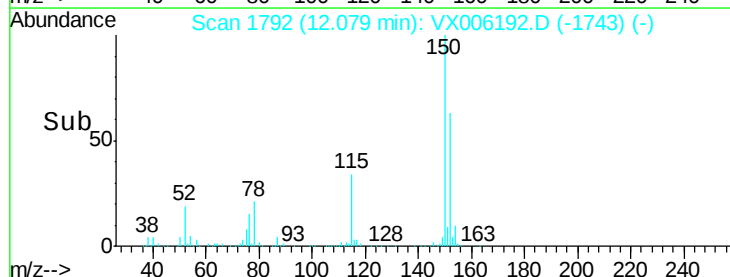
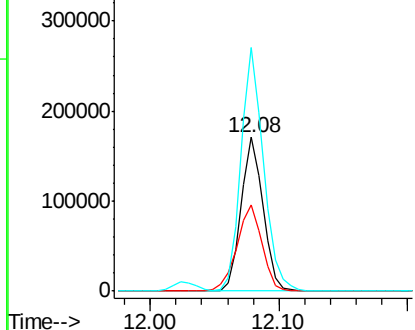
150 163.4 0.0 346.6

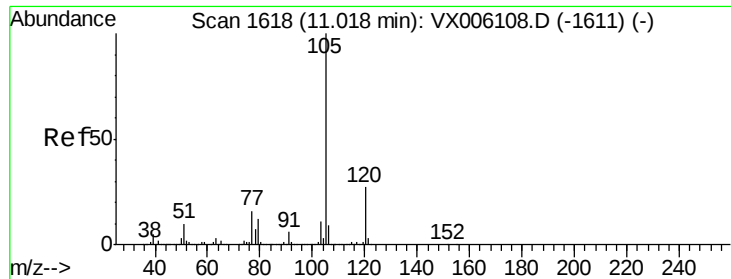


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.86 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBS02

Tgt Ion:105 Resp: 253527

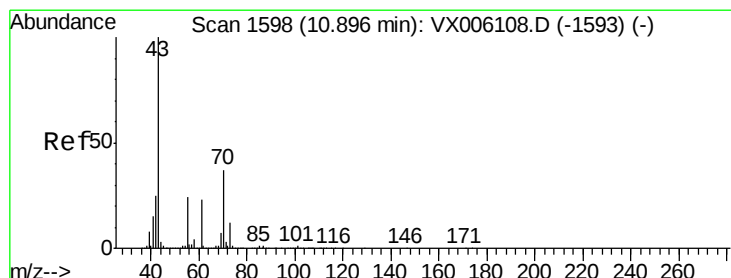
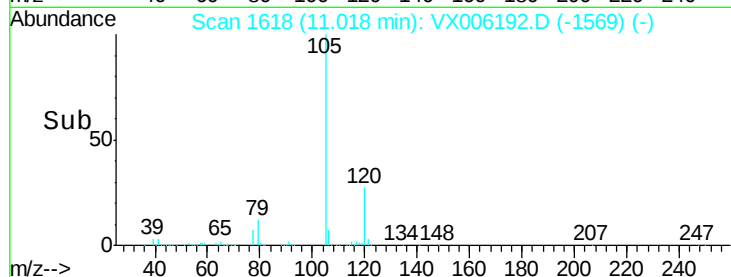
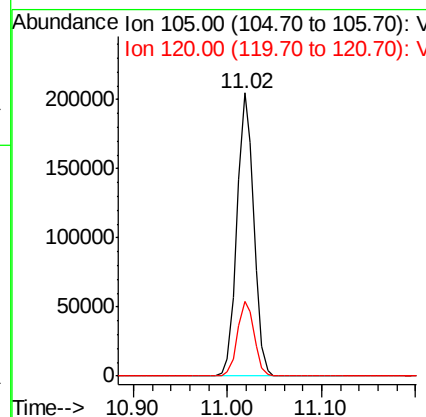
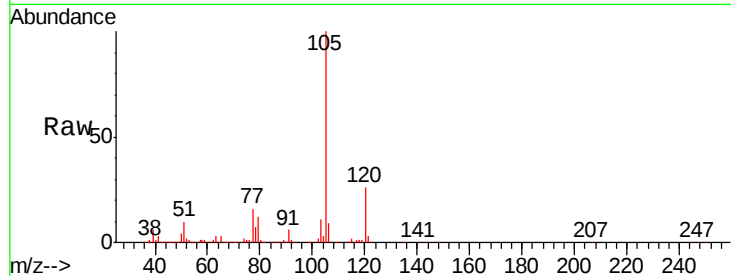
Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.8

Manual Integrations
APPROVED

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11/27/2018 11:43:50 AM



#74

N-ethyl acetate

Concen: 19.68 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.01 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

Tgt Ion: 43 Resp: 113289

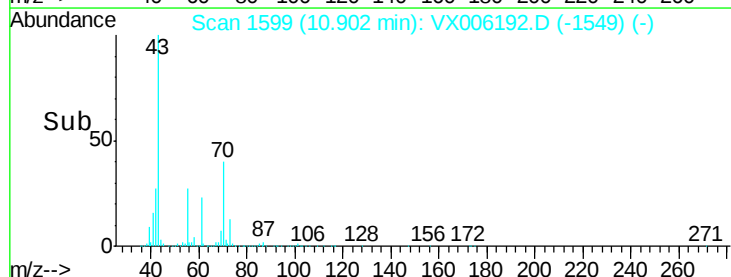
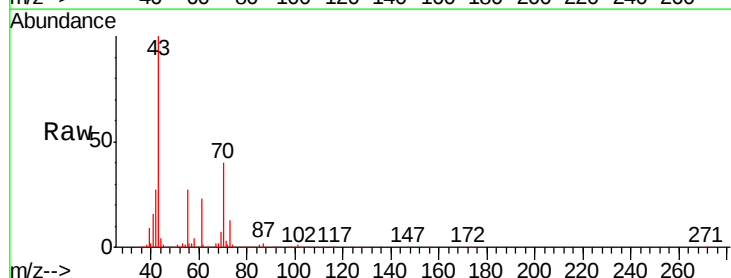
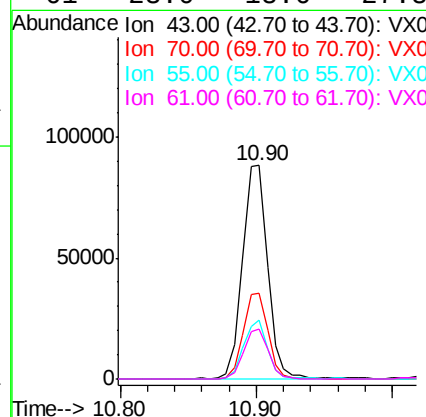
Ion Ratio Lower Upper

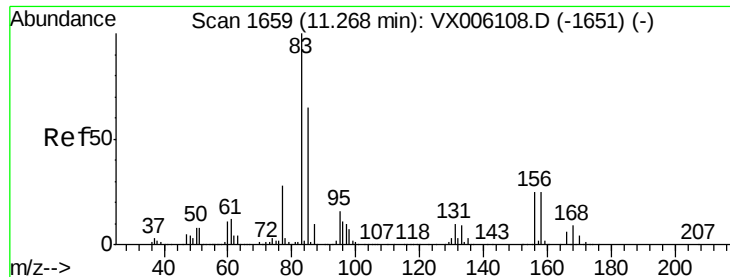
43 100

70 40.3 31.8 47.6

55 26.5 19.5 29.3

61 23.0 18.6 27.8





#75

1,1,2,2-Tetrachloroethane

Concen: 20.17 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBS02

Tgt Ion: 83 Resp: 92382

Ion Ratio Lower Upper

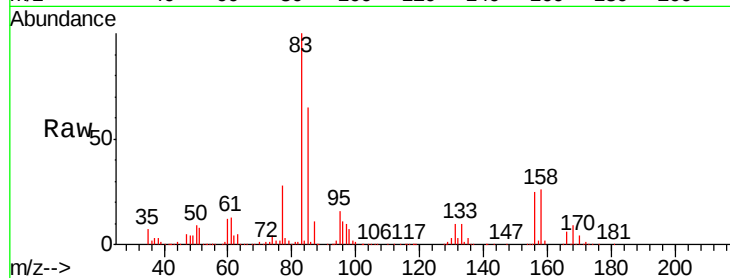
83 100

131 10.5 5.2 15.6

85 65.2 32.6 97.8

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0

100000

80000

60000

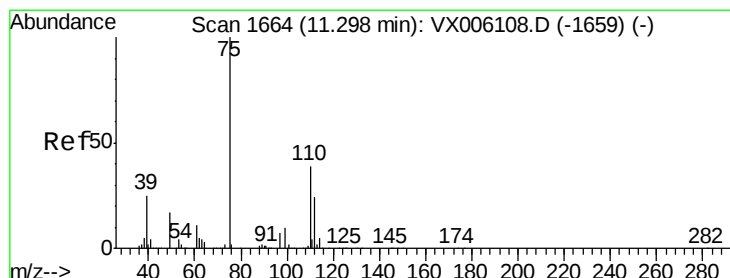
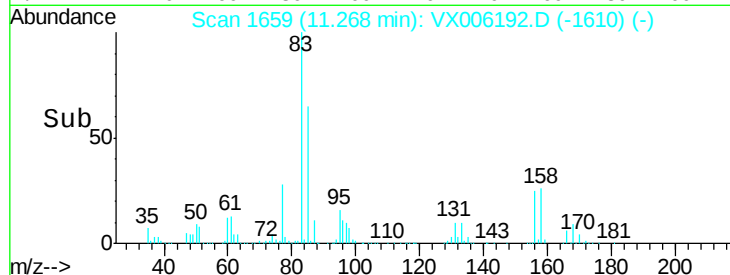
40000

20000

0

11.20 11.30 11.40

Time-->



#76

1,2,3-Trichloropropane

Concen: 20.99 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006192.D

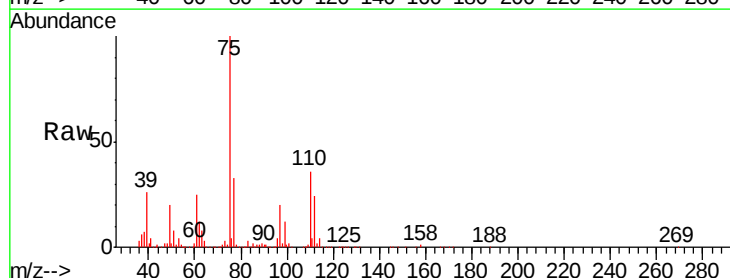
Acq: 26 Nov 2018 23:37

Tgt Ion: 75 Resp: 86808

Ion Ratio Lower Upper

75 100

77 38.8 19.6 58.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

80000

60000

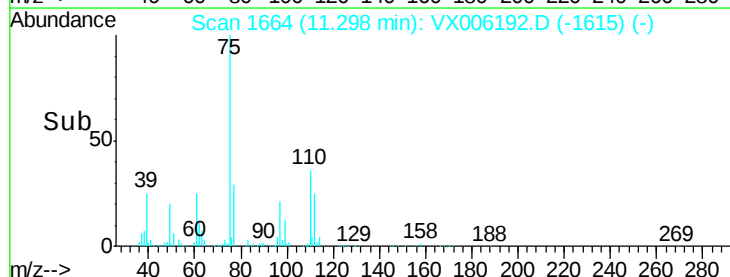
40000

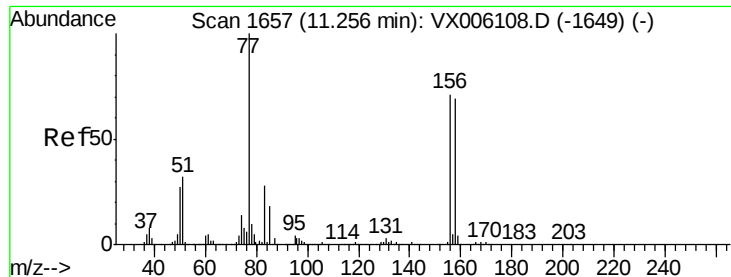
20000

0

11.26 11.28 11.30 11.32

Time-->





#77

Bromobenzene

Concen: 20.26 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

Instrument :

MSVOA_X

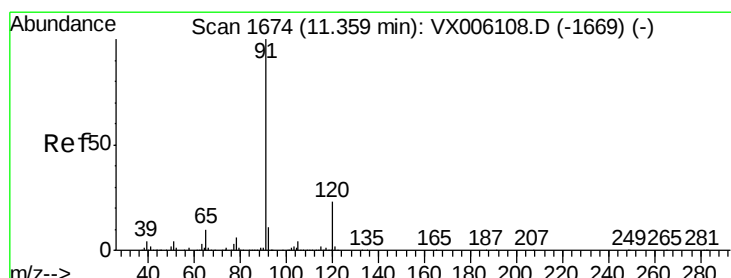
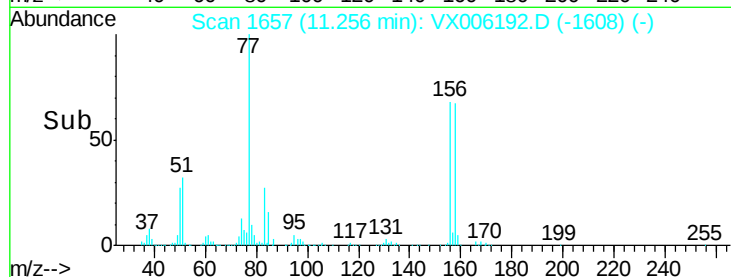
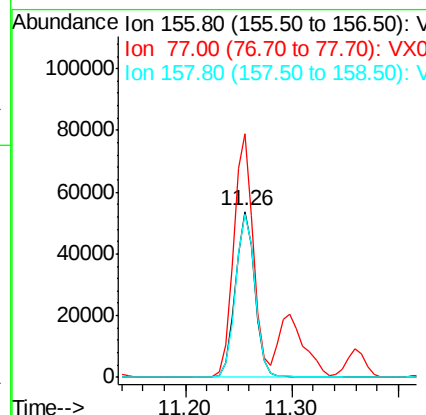
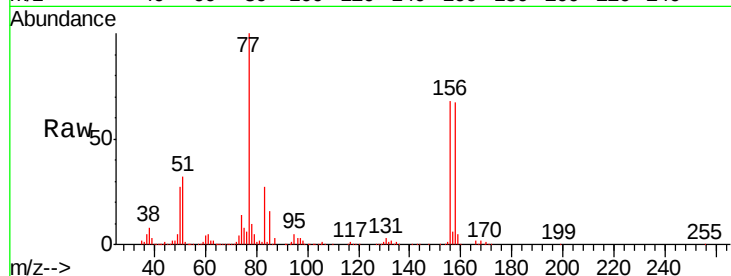
ClientSampleId :

VX1126WBS02

Tgt Ion	Ratio	Lower	Upper
156	100		
77	147.9	74.3	222.8
158	99.1	49.0	147.0

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#78

n-propylbenzene

Concen: 20.21 ug/l

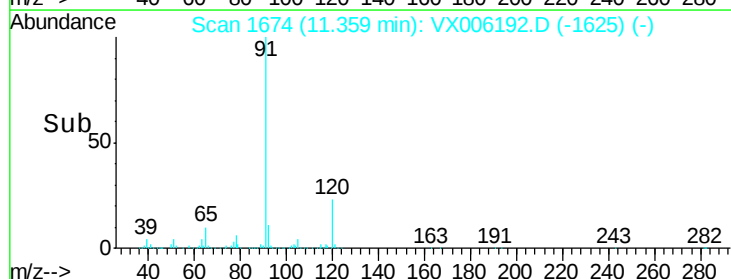
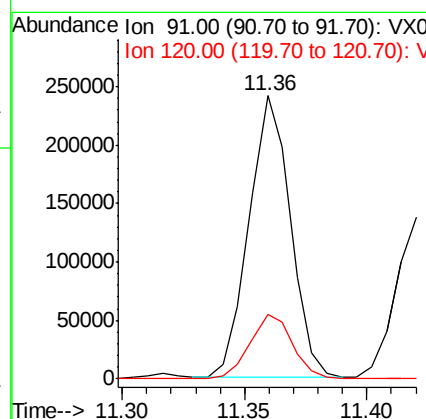
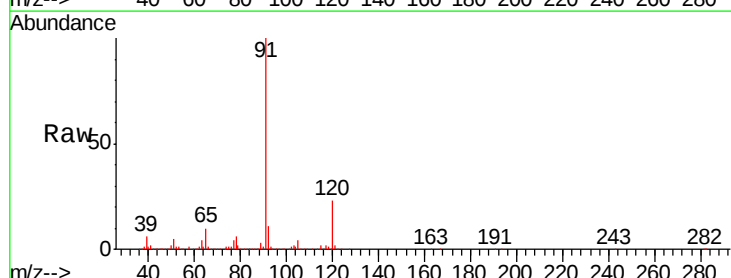
RT: 11.36 min Scan# 1674

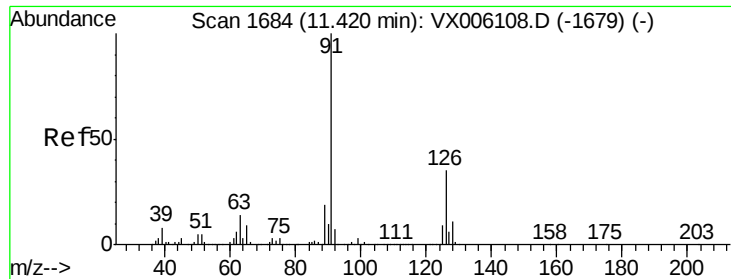
Delta R.T. 0.00 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.7	11.8	35.3





#79

2-Chlorotoluene

Concen: 20.48 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBS02

Tgt Ion: 91 Resp: 175354

Ion Ratio Lower Upper

91 100

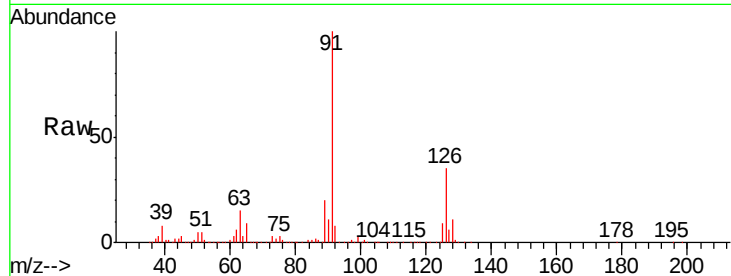
126 35.5 17.6 52.9

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX006108.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX006108.D (-1679) (-)

250000

200000

150000

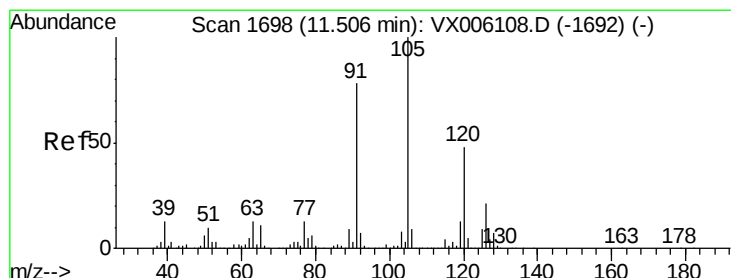
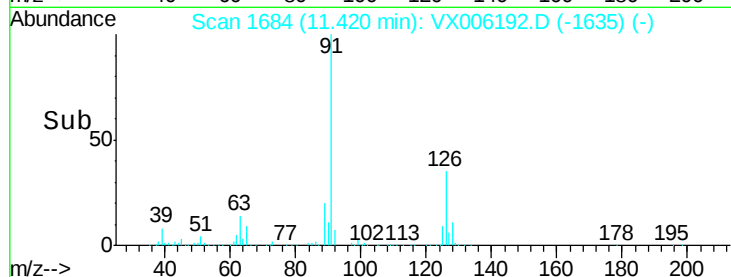
100000

50000

0

11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.46 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006192.D

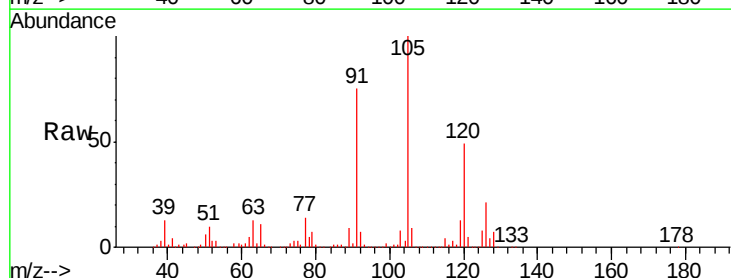
Acq: 26 Nov 2018 23:37

Tgt Ion: 105 Resp: 209682

Ion Ratio Lower Upper

105 100

120 49.1 24.3 73.0



Abundance Ion 105.00 (104.70 to 105.70): VX006108.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX006108.D (-1692) (-)

200000

150000

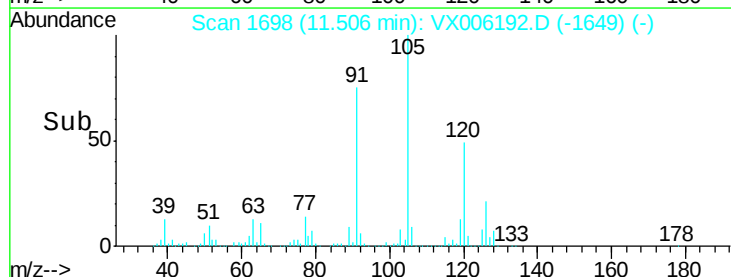
100000

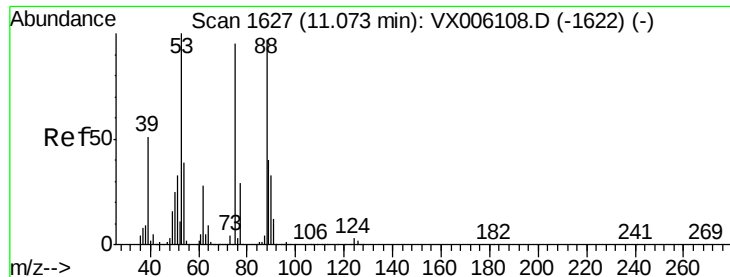
50000

0

11.50 11.60

Time-->





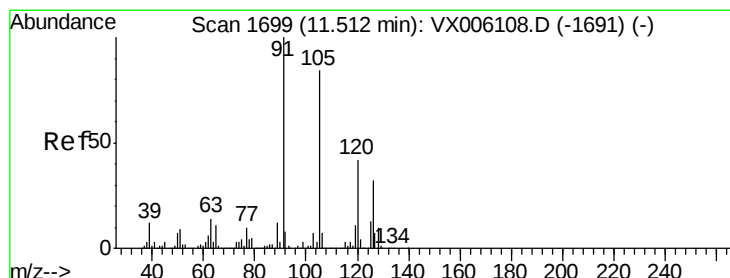
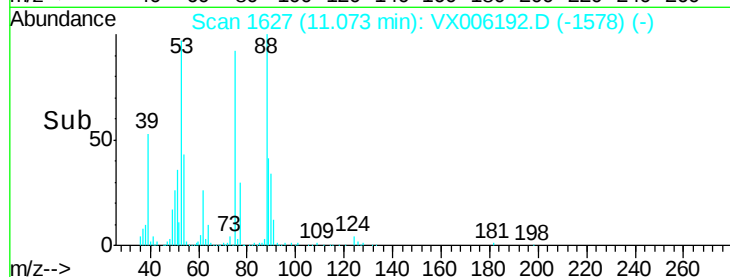
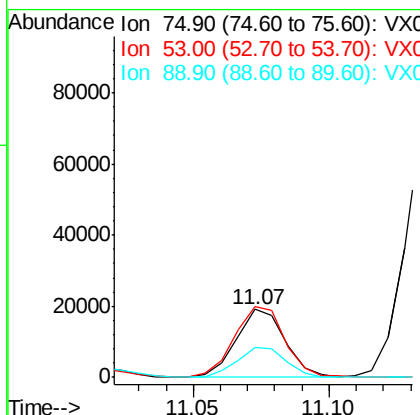
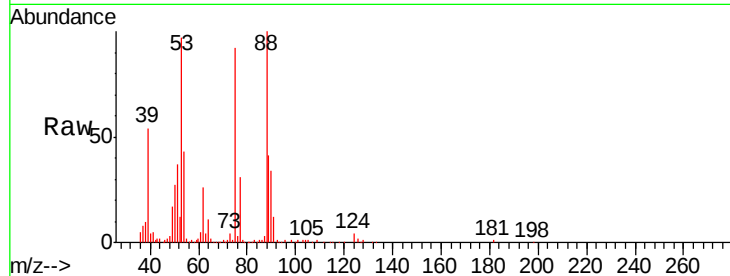
#81
trans-1,4-Dichloro-2-butene
Concen: 19.27 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX006192.D
Acq: 26 Nov 2018 23:37

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBS02

Tgt Ion	Ratio	Lower	Upper
75	100		
53	108.1	85.3	127.9
89	46.2	37.2	55.8

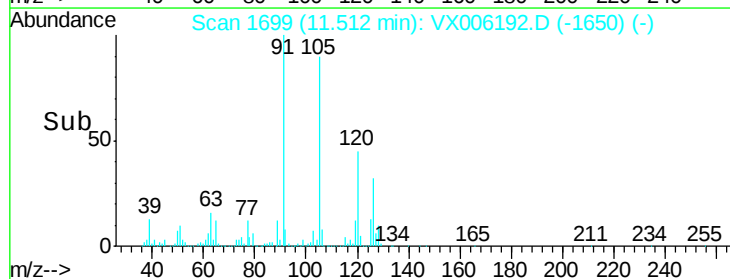
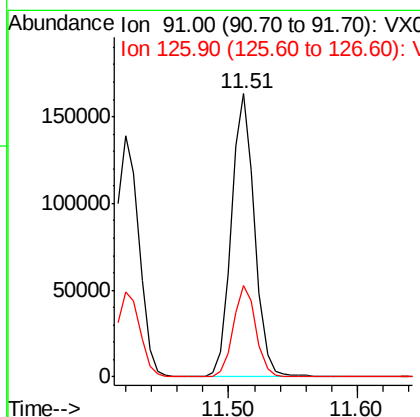
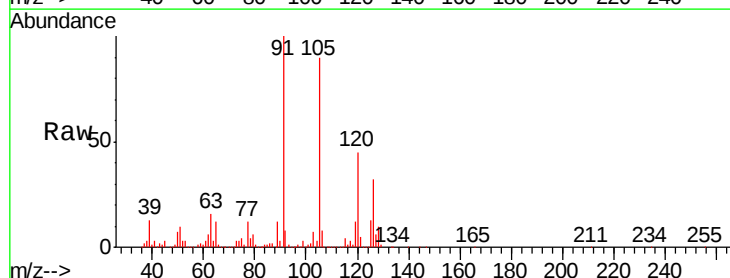
Manual Integrations
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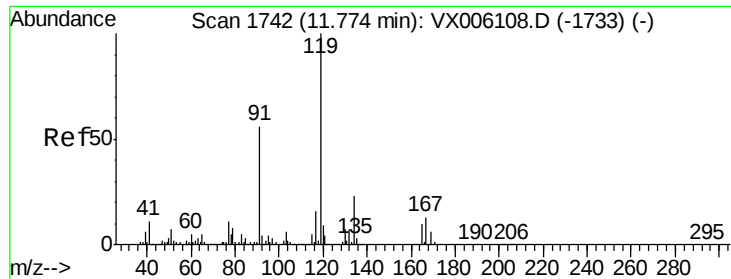
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#82
4-Chlorotoluene
Concen: 20.43 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX006192.D
Acq: 26 Nov 2018 23:37

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.0	15.3	45.9





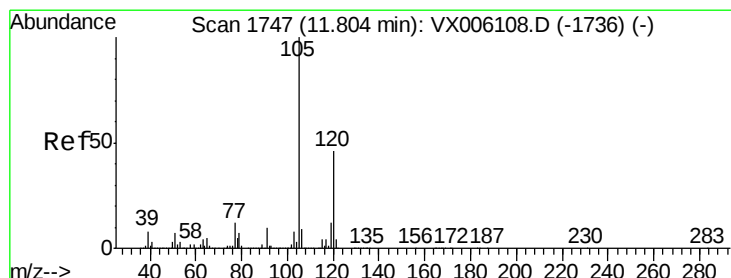
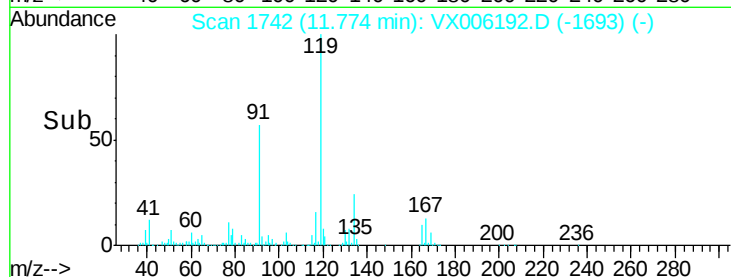
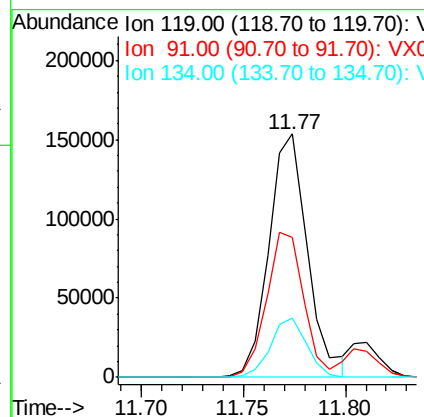
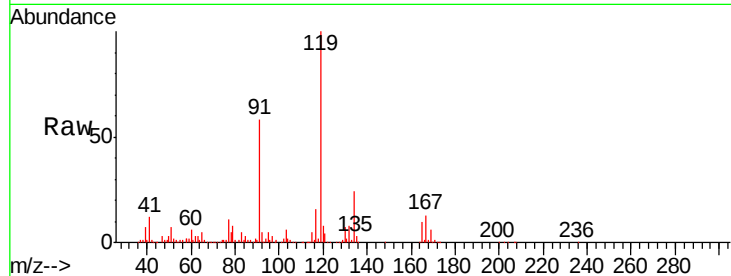
#83
 tert-Butylbenzene
 Concen: 20.31 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VX006192.D
 Acq: 26 Nov 2018 23:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1126WBS02

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	203186		
91	57.2	28.2	84.6	
134	23.2	11.5	34.4	

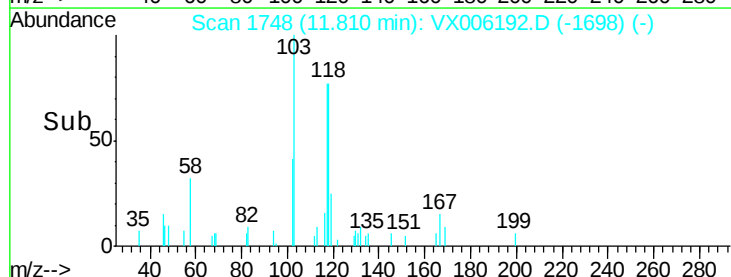
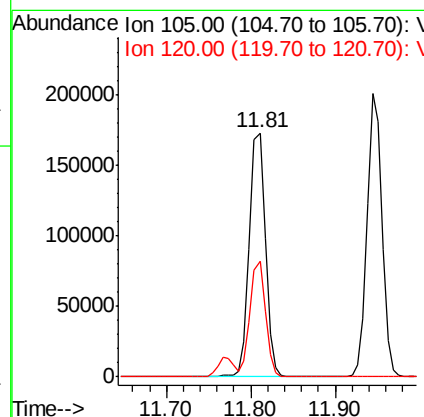
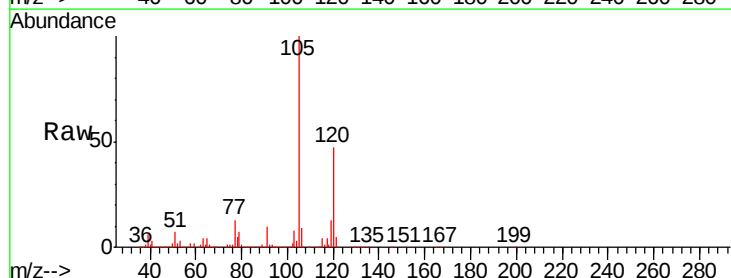
Manual Integrations
 APPROVED

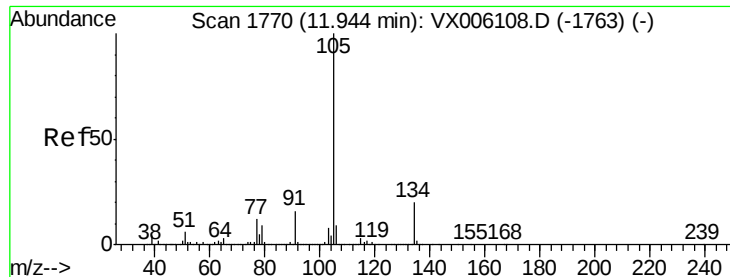
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.23 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: VX006192.D
 Acq: 26 Nov 2018 23:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	221950		
120	45.3	22.7	68.0	





#85

sec-Butylbenzene

Concen: 20.23 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

VX1126WBS02

Tgt Ion:105 Resp: 247595

Ion Ratio Lower Upper

105 100

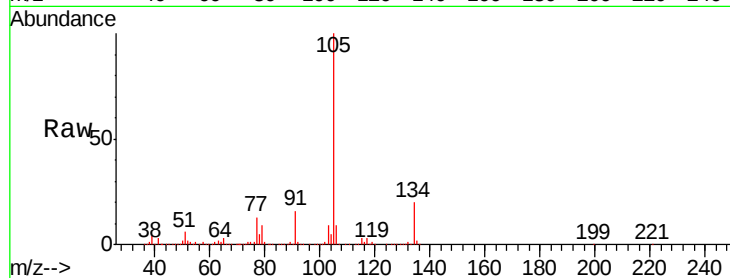
134 20.2 10.4 31.1

Manual Integrations

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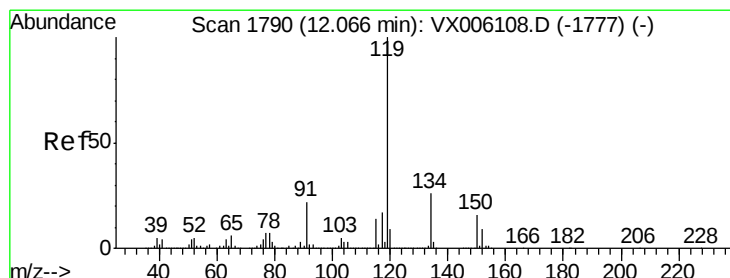
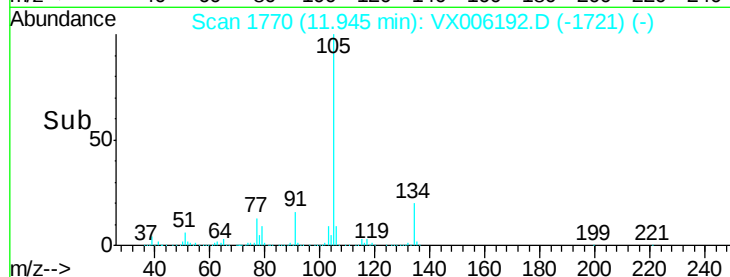
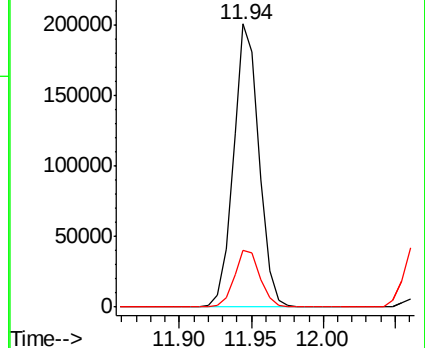
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.05 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

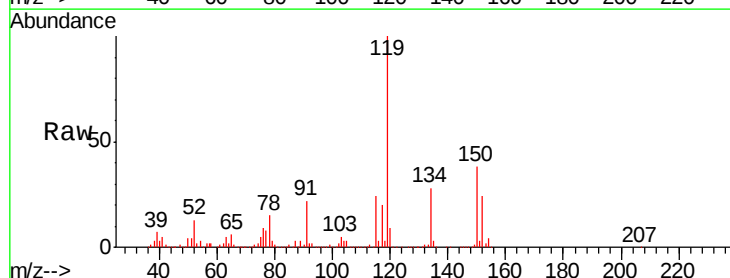
Tgt Ion:119 Resp: 218734

Ion Ratio Lower Upper

119 100

134 27.2 13.1 39.3

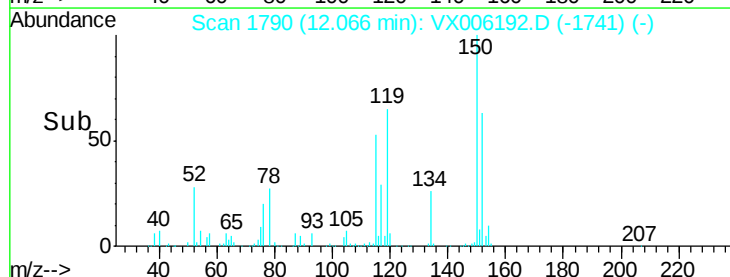
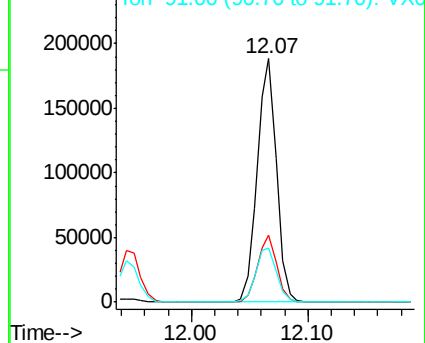
91 23.4 11.3 33.9

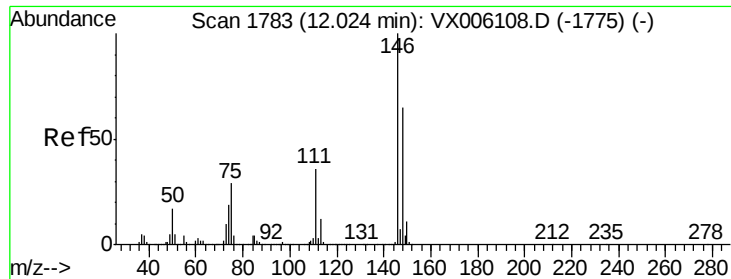


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





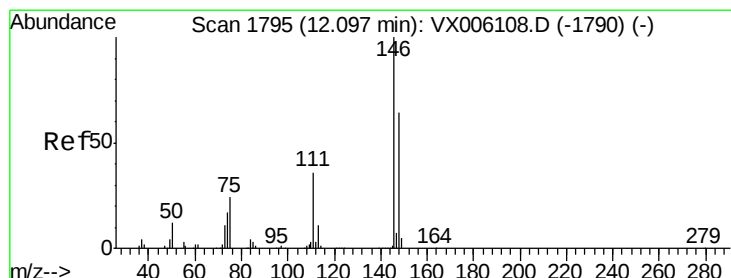
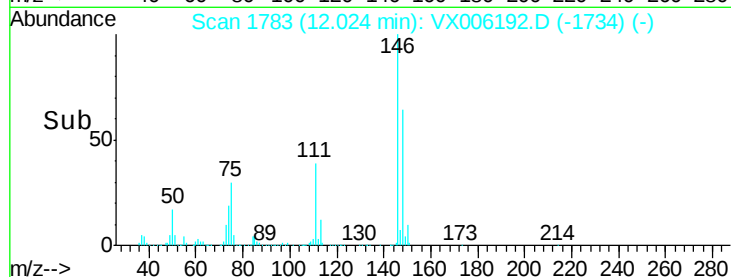
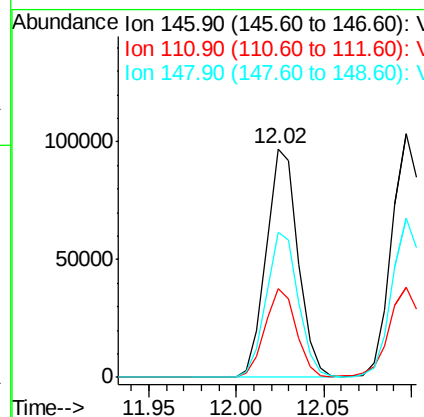
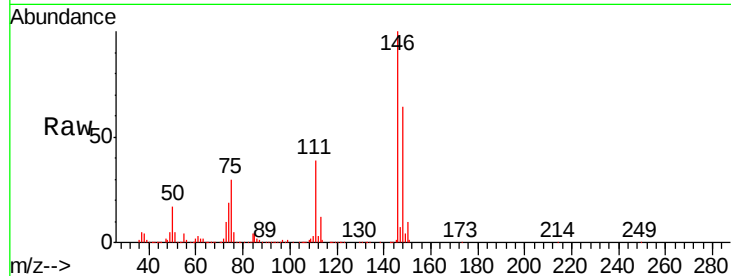
#87
 1,3-Dichlorobenzene
 Concen: 19.90 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006192.D
 Acq: 26 Nov 2018 23:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1126WBS02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.8	56.3
148	63.9	32.2	96.6

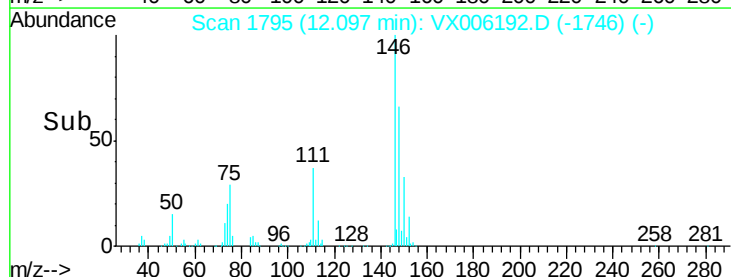
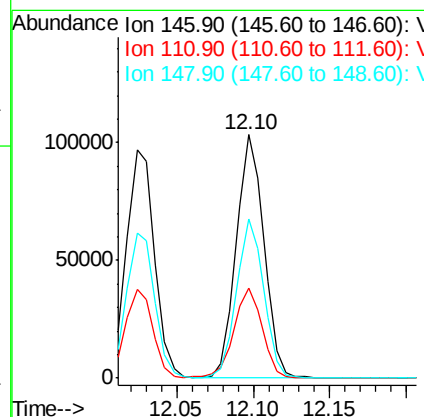
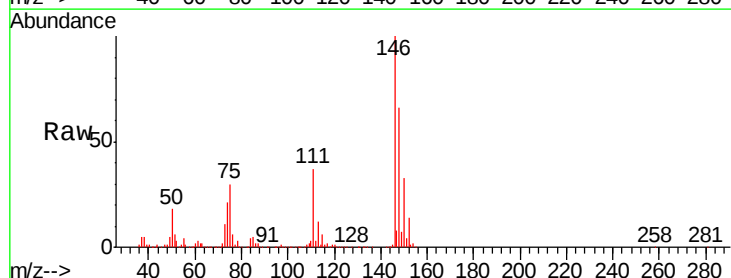
Manual Integrations
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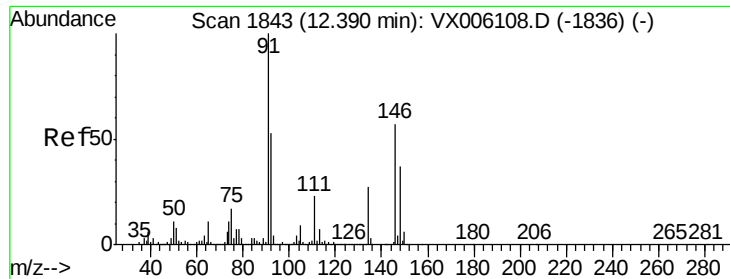
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#88
 1,4-Dichlorobenzene
 Concen: 19.87 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006192.D
 Acq: 26 Nov 2018 23:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.3	54.9
148	64.4	32.2	96.6





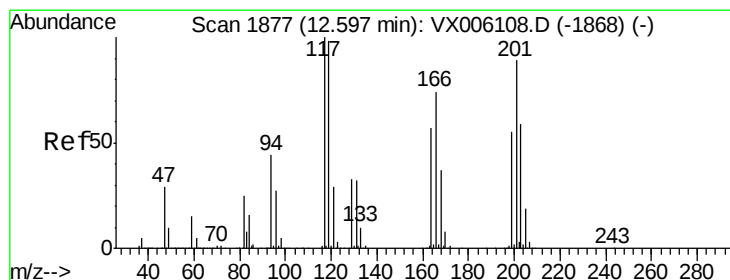
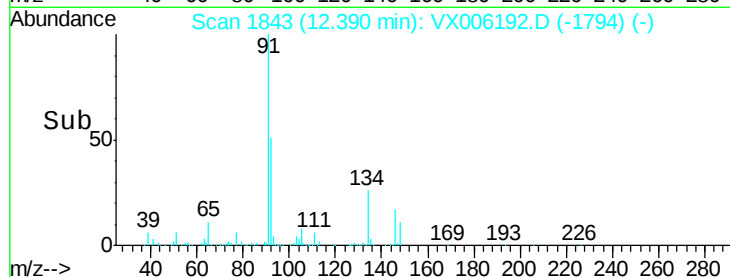
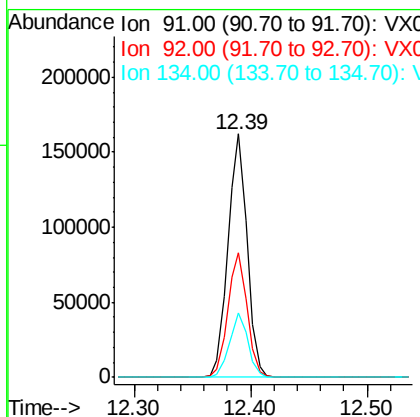
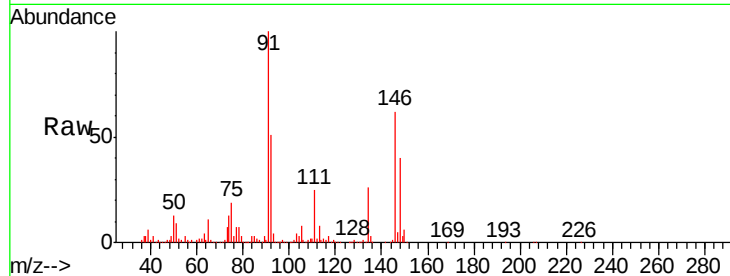
#89
n-Butylbenzene
Concen: 18.76 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006192.D
Acq: 26 Nov 2018 23:37

Instrument :
MSVOA_X
ClientSampleId :
VX1126WBS02

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.6	26.6	79.7
134	25.5	13.1	39.3

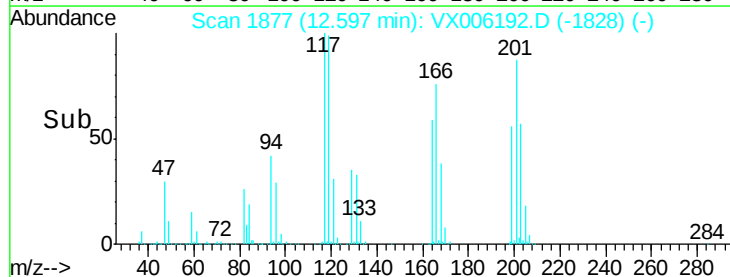
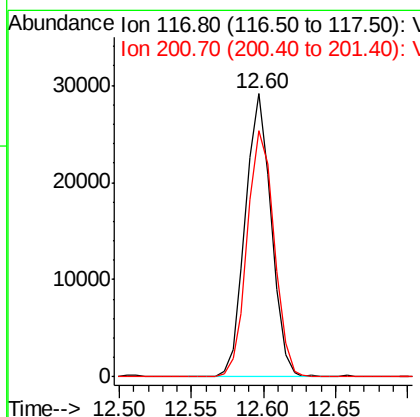
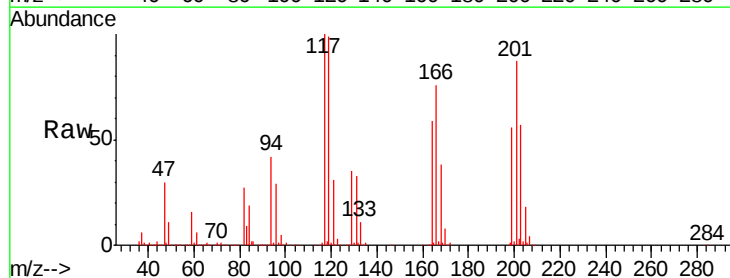
Manual Integrations
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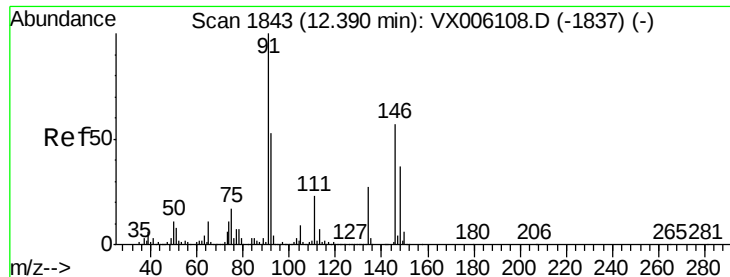
MMDadoda
11/27/2018 11:43:50 AM



#90
Hexachloroethane
Concen: 20.87 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006192.D
Acq: 26 Nov 2018 23:37

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.8	46.1	138.2





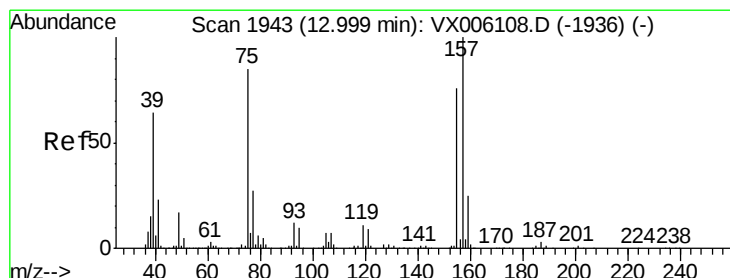
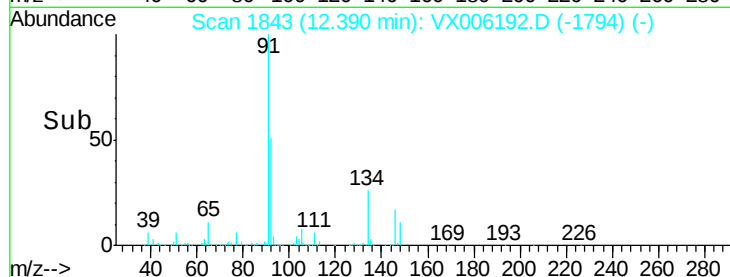
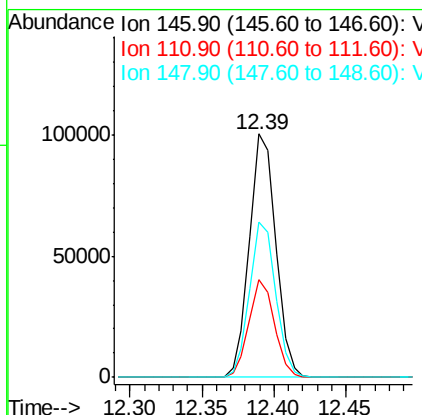
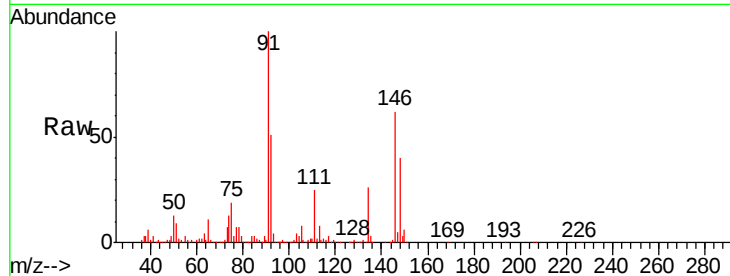
#91
 1,2-Dichlorobenzene
 Concen: 19.83 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX006192.D
 Acq: 26 Nov 2018 23:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1126WBS02

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	127258		
111	39.0	19.6	58.8	
148	63.3	32.0	96.0	

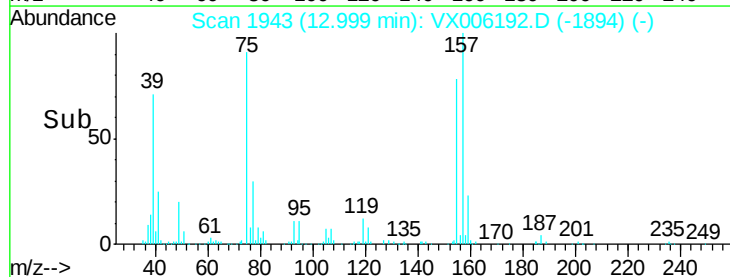
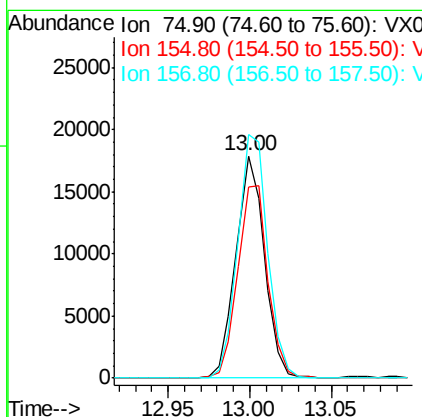
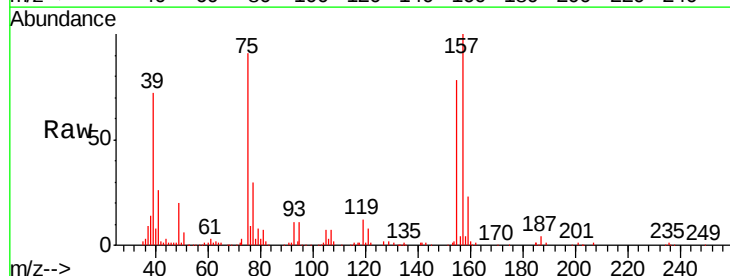
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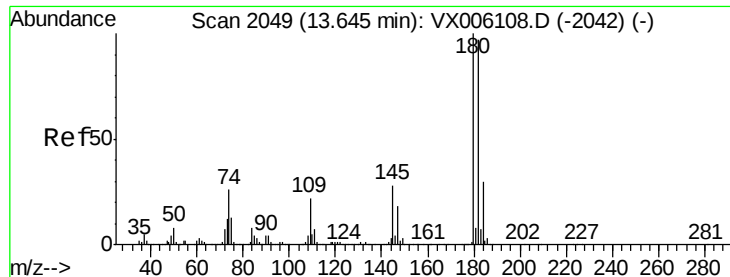
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.64 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX006192.D
 Acq: 26 Nov 2018 23:37

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	21933		
155	91.5	46.1	138.3	
157	114.6	59.8	179.3	





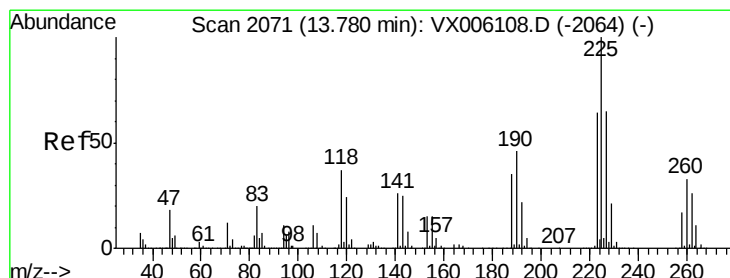
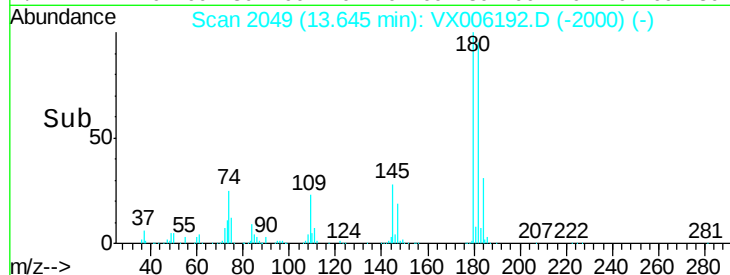
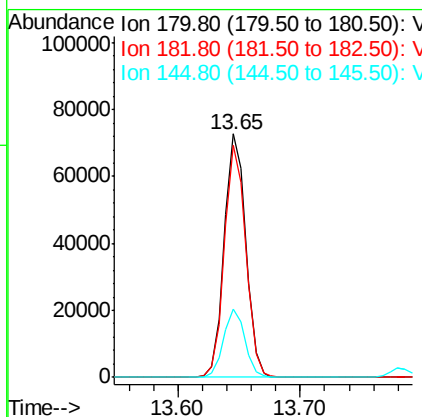
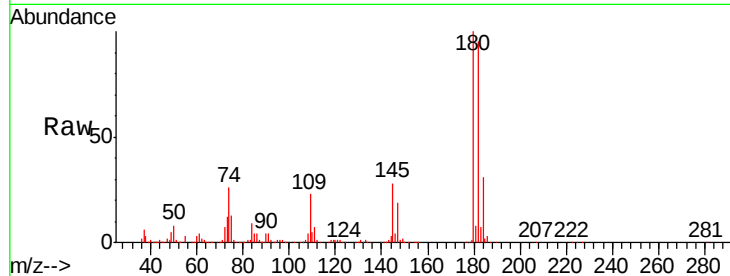
#93
 1,2,4-Trichlorobenzene
 Concen: 19.60 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006192.D
 Acq: 26 Nov 2018 23:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1126WBS02

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	88602		
182	94.7	48.2	144.6	
145	27.6	14.1	42.2	

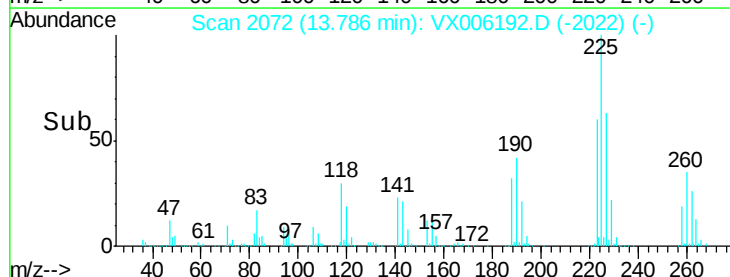
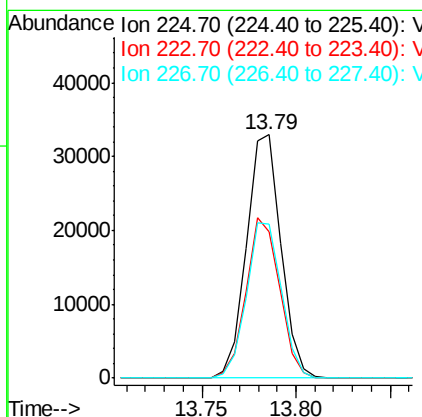
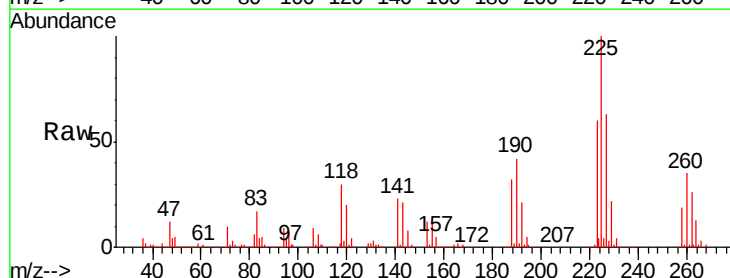
Manual Integrations
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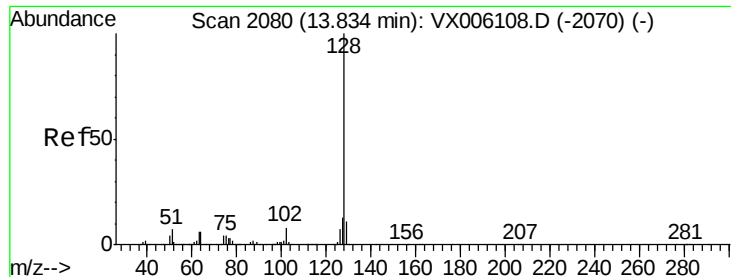
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 11/27/2018 11:43:50 AM



#94
 Hexachlorobutadiene
 Concen: 18.97 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VX006192.D
 Acq: 26 Nov 2018 23:37

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	41796		
223	64.1	31.2	93.6	
227	64.9	32.4	97.2	





#95

Naphthalene

Concen: 20.85 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

Instrument :

MSVOA_X

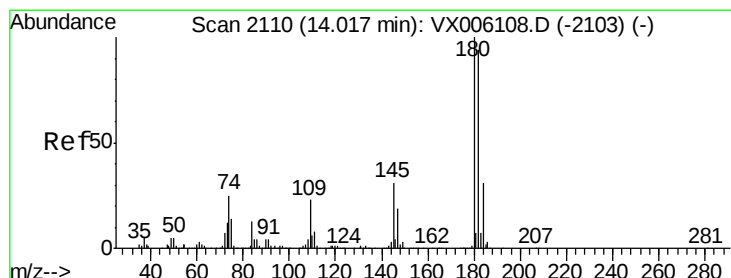
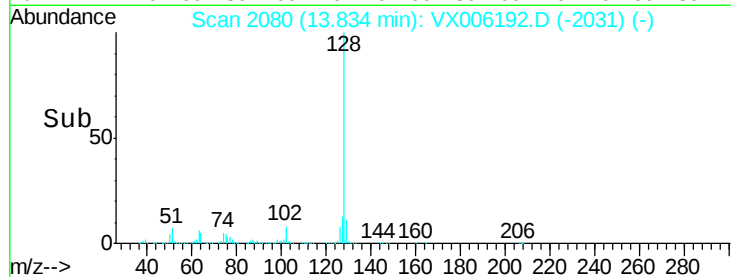
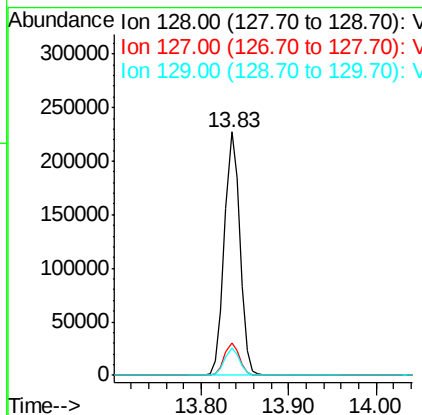
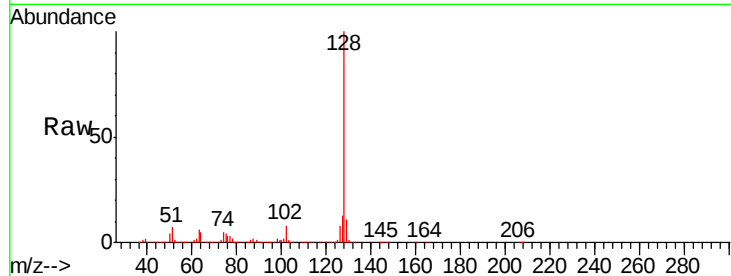
ClientSampleId :

VX1126WBS02

Tgt Ion:	128	Resp:	277246
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	15.8
129	10.7	8.8	13.2

Manual Integrations
APPROVED

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#96

1,2,3-Trichlorobenzene

Concen: 19.87 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. 0.01 min

Lab File: VX006192.D

Acq: 26 Nov 2018 23:37

Tgt Ion:	180	Resp:	91605
Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.5	142.5
145	30.4	15.0	45.0

