

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112118\
 Data File : VX006133.D
 Acq On : 21 Nov 2018 19:39
 Operator : JC/MD
 Sample : VX1121WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/26/2018 10:52:36 AM

Quant Time: Nov 22 03:50:58 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	317229	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	464568	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	432099	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	233048	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	195076	53.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.14%	
35) Dibromofluoromethane	5.50	113	156371	52.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.88%	
50) Toluene-d8	8.71	98	601592	52.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.78%	
62) 4-Bromofluorobenzene	11.14	95	219496	51.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	45462	19.285	ug/l	95
3) Chloromethane	1.32	50	55412	18.608	ug/l	97
4) Vinyl Chloride	1.41	62	56460	18.640	ug/l	95
5) Bromomethane	1.64	94	29453	15.418	ug/l	99
6) Chloroethane	1.72	64	33531	27.087	ug/l	94
7) Trichlorofluoromethane	1.93	101	78598	19.835	ug/l	97
8) Diethyl Ether	2.19	74	32258	19.258	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	45103	19.195	ug/l	99
10) Methyl Iodide	2.51	142	33951	11.525	ug/l	100
11) Tert butyl alcohol	3.06	59	81115	103.733	ug/l	96
12) 1,1-Dichloroethene	2.37	96	42705	18.643	ug/l	98
13) Acrolein	2.29	56	43386	92.722	ug/l	99
14) Allyl chloride	2.73	41	88707	18.929	ug/l	98
15) Acrylonitrile	3.15	53	165986	96.103	ug/l	99
16) Acetone	2.45	43	155956	95.610	ug/l	99
17) Carbon Disulfide	2.57	76	128242	20.734	ug/l	99
18) Methyl Acetate	2.78	43	85096	20.343	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	156987	19.828	ug/l	99
20) Methylene Chloride	2.85	84	49668	19.908	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	46177	19.268	ug/l	97
22) Diisopropyl ether	3.87	45	209146	20.847	ug/l	92
23) Vinyl Acetate	3.82	43	849688	102.089	ug/l	99
24) 1,1-Dichloroethane	3.70	63	91902	19.445	ug/l	98
25) 2-Butanone	4.70	43	298546	98.606	ug/l	100
26) 2,2-Dichloropropane	4.58	77	71748	18.418	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	65231	19.474	ug/l	98
28) Bromochloromethane	5.01	49	57204	20.766	ug/l	96
29) Tetrahydrofuran	5.15	42	192633	101.992	ug/l	99
30) Chloroform	5.21	83	110825	19.350	ug/l	96
31) Cyclohexane	5.57	56	95323	19.308	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	92630	20.029	ug/l	100
36) 1,1-Dichloropropene	5.80	75	80608	19.072	ug/l	99
37) Ethyl Acetate	4.85	43	104814	19.276	ug/l	99
38) Carbon Tetrachloride	5.78	117	77612	19.537	ug/l	94

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 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 08:15:54 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	91319	18.966	ug/l	97
40) Benzene	6.14	78	246218	19.774	ug/l	97
41) Methacrylonitrile	5.06	41	59327	19.798	ug/l	99
42) 1,2-Dichloroethane	6.20	62	91260	19.604	ug/l	100
43) Isopropyl Acetate	6.46	43	155491	19.801	ug/l	99
44) Trichloroethene	7.21	130	68294	19.734	ug/l	99
45) 1,2-Dichloropropane	7.51	63	65842	19.980	ug/l	98
46) Dibromomethane	7.66	93	43629	19.333	ug/l	100
47) Bromodichloromethane	7.90	83	79649	19.083	ug/l	98
48) Methyl methacrylate	7.77	41	82700	20.765	ug/l	98
49) 1,4-Dioxane	7.75	88	36607	387.432	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	565730	100.492	ug/l	99
52) Toluene	8.79	92	154659	20.081	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	82091	18.847	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	93402	19.398	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	63875	19.150	ug/l	97
56) Ethyl methacrylate	9.18	69	92692	19.688	ug/l	98
57) 1,3-Dichloropropane	9.37	76	107329	19.521	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	274380	98.827	ug/l	100
59) 2-Hexanone	9.49	43	444495	99.490	ug/l	99
60) Dibromochloromethane	9.59	129	62660	19.161	ug/l	98
61) 1,2-Dibromoethane	9.67	107	67077	19.520	ug/l	99
64) Tetrachloroethene	9.34	164	71276	20.044	ug/l	98
65) Chlorobenzene	10.14	112	176958	19.965	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	59705	19.621	ug/l	99
67) Ethyl Benzene	10.25	91	299801	20.658	ug/l	99
68) m/p-Xylenes	10.36	106	230971	40.872	ug/l	99
69) o-Xylene	10.70	106	112723	20.883	ug/l	97
70) Styrene	10.71	104	180353	20.492	ug/l	98
71) Bromoform	10.86	173	49857	18.304	ug/l #	99
73) Isopropylbenzene	11.02	105	302298	21.439	ug/l	100
74) N-amyl acetate	10.90	43	128745	19.319	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	104315	19.630	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	99527m	20.744	ug/l	
77) Bromobenzene	11.26	156	81104	20.532	ug/l	99
78) n-propylbenzene	11.36	91	347086	21.136	ug/l	100
79) 2-Chlorotoluene	11.42	91	207195	20.856	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	250310	21.055	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	25894	18.253	ug/l	97
82) 4-Chlorotoluene	11.51	91	243410	20.995	ug/l	100
83) tert-Butylbenzene	11.77	119	246485	21.237	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	260696	21.497	ug/l	99
85) sec-Butylbenzene	11.94	105	303692	21.392	ug/l	99
86) p-Isopropyltoluene	12.07	119	267446	21.130	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	145167	19.932	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	150007	19.868	ug/l	99
89) n-Butylbenzene	12.39	91	232675	20.304	ug/l	99
90) Hexachloroethane	12.60	117	40307	19.956	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	145076	19.483	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	23847	19.340	ug/l	98

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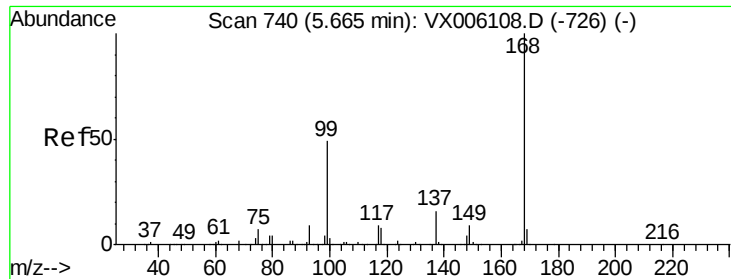
Manual Integrations
APPROVED

MMDadoda
11/26/2018 10:52:36 AM

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	107917	20.573	ug/l	99
94) Hexachlorobutadiene	13.78	225	49938	19.534	ug/l	99
95) Naphthalene	13.83	128	351861	22.812	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	109373	20.452	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006133.D

Acq: 21 Nov 2018 19:39

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBSD01

Tot Ion:168 Resp: 317229

Ion Ratio Lower Upper

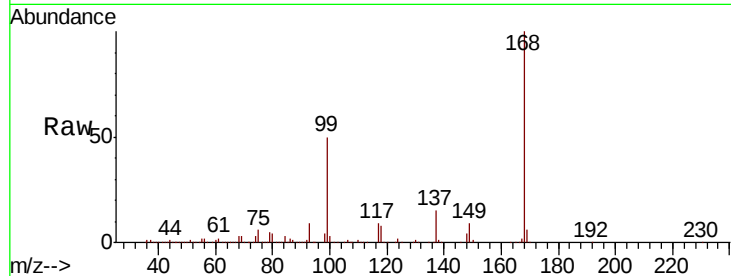
168 100

99 50.1 39.2 58.8

Manual Integrations
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11/26/2018 10:52:36 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

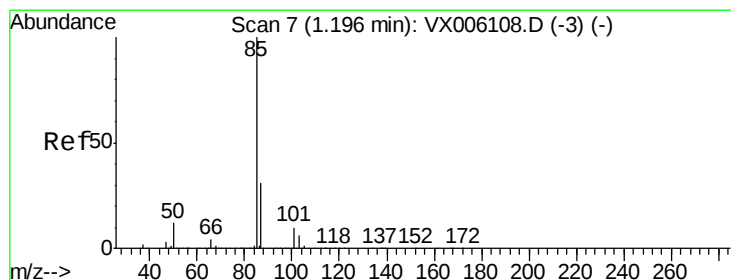
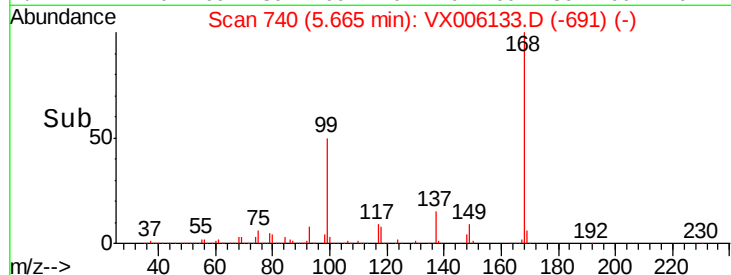
5.67

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.285 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006133.D

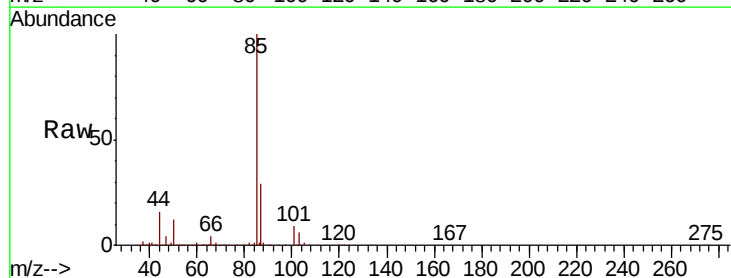
Acq: 21 Nov 2018 19:39

Tgt Ion: 85 Resp: 45462

Ion Ratio Lower Upper

85 100

87 28.7 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

50000

40000

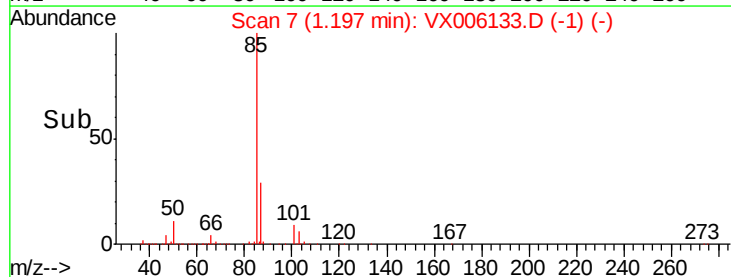
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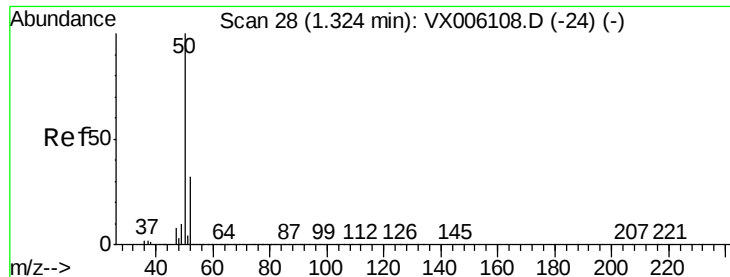
20000

10000

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Time-->





#3

Chloromethane

Concen: 18.608 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX006133.D

Acq: 21 Nov 2018 19:39

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBSD01

Tot Ion: 50 Resp: 55412

Ion Ratio Lower Upper

50 100

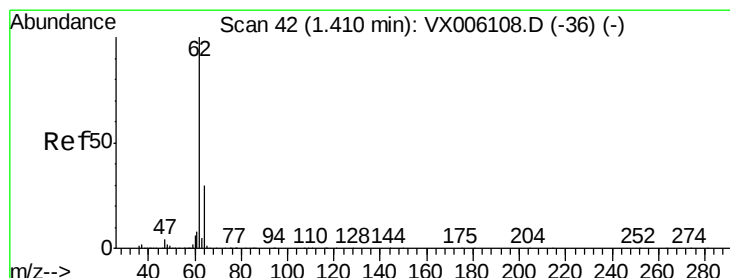
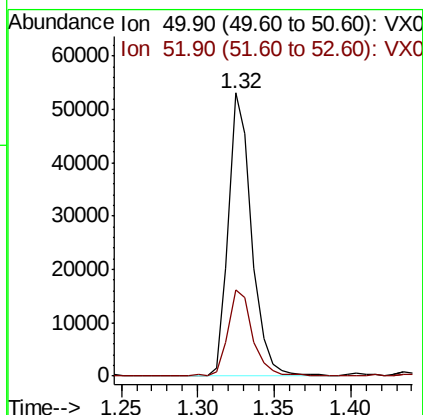
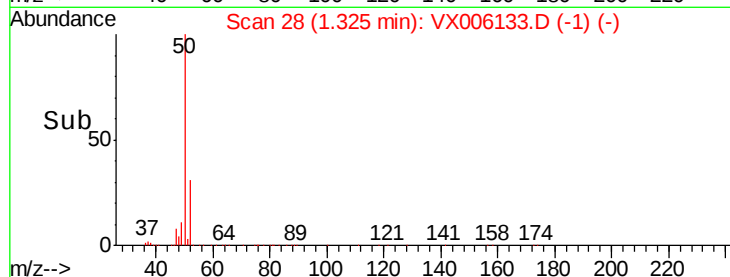
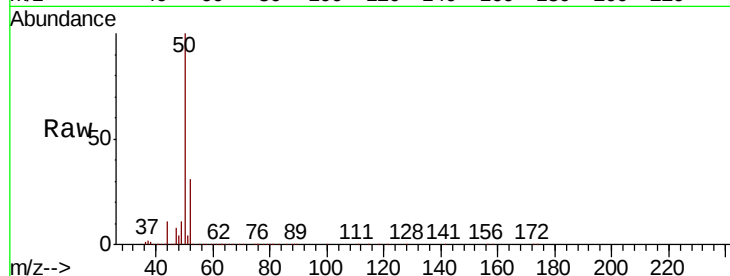
52 30.4 25.6 38.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.640 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006133.D

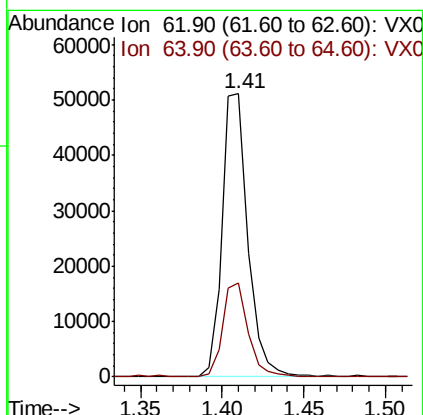
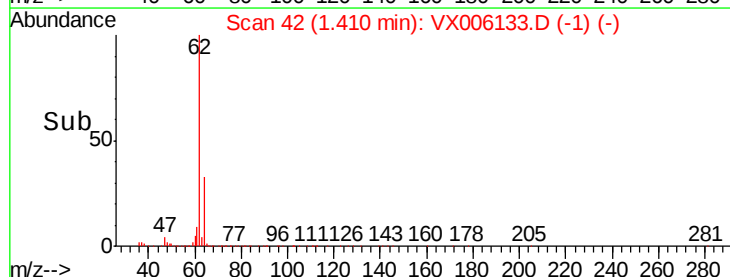
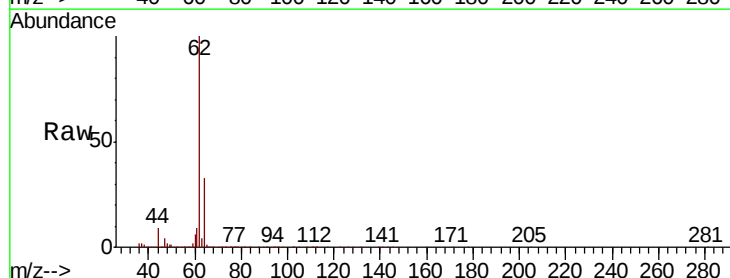
Acq: 21 Nov 2018 19:39

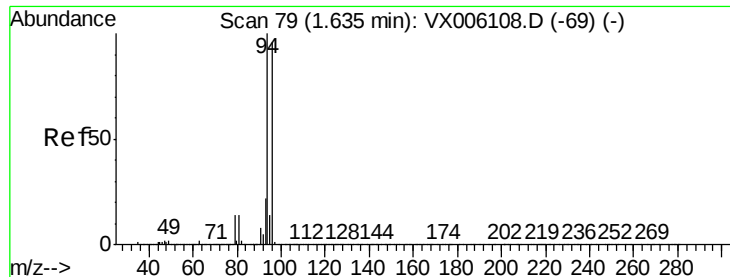
Tgt Ion: 62 Resp: 56460

Ion Ratio Lower Upper

62 100

64 32.9 24.2 36.4





#5

Bromomethane

Concen: 15.418 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX006133.D

Acq: 21 Nov 2018 19:39

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBSD01

Tot Ion: 94 Resp: 29453

Ion Ratio Lower Upper

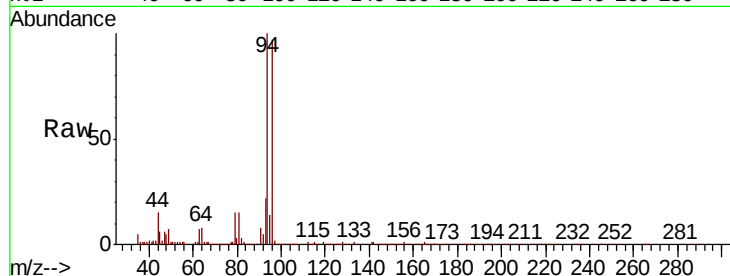
94 100

96 97.2 76.7 115.1

Manual Integrations
APPROVED

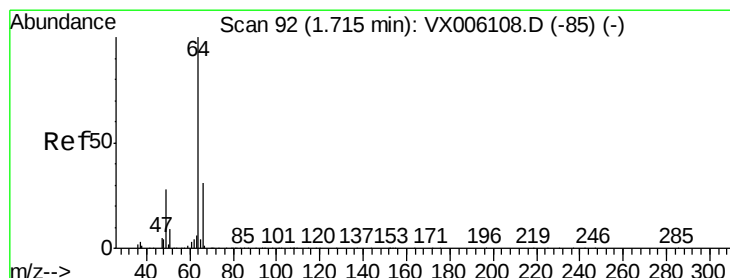
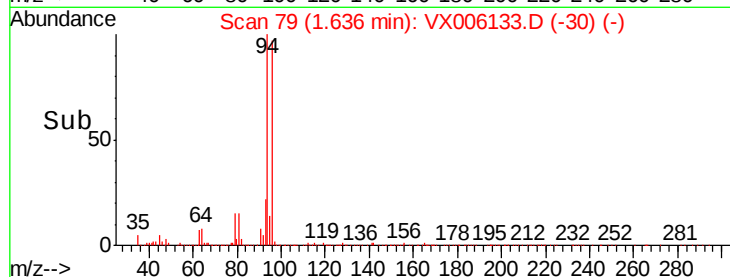
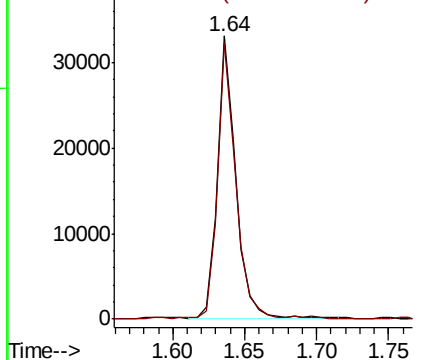
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 27.087 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX006133.D

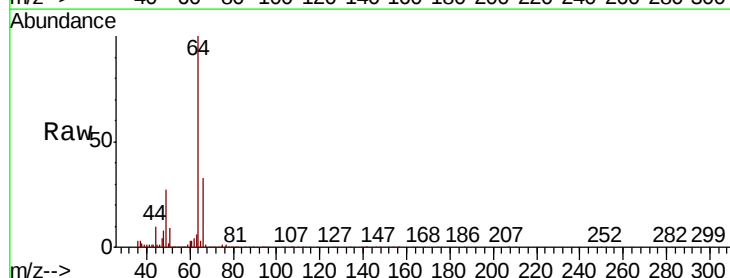
Acq: 21 Nov 2018 19:39

Tgt Ion: 64 Resp: 33531

Ion Ratio Lower Upper

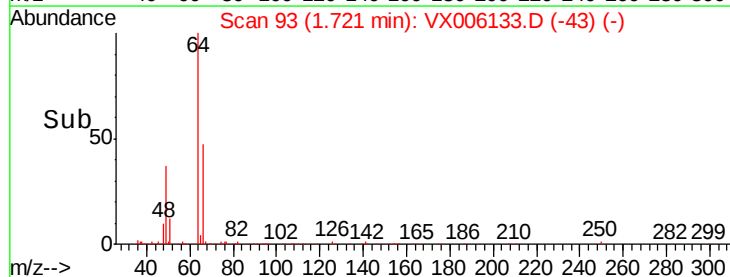
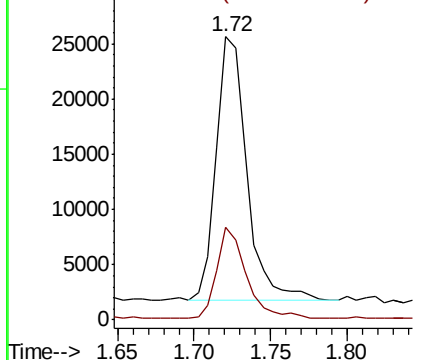
64 100

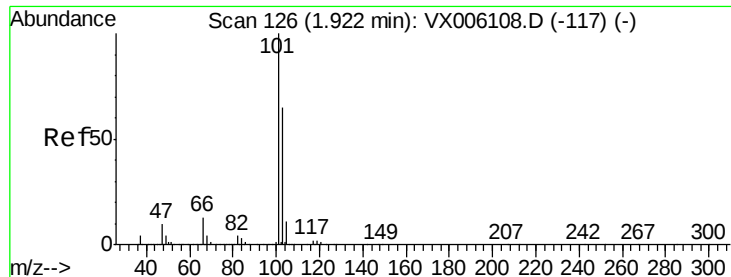
66 34.6 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

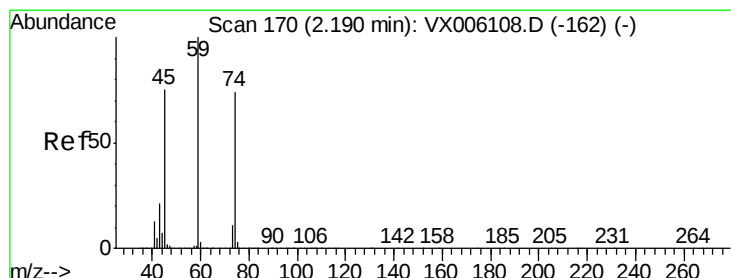
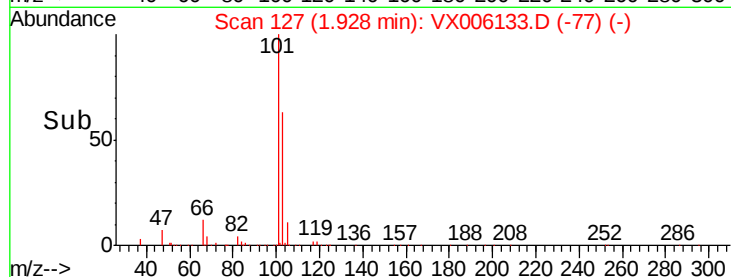
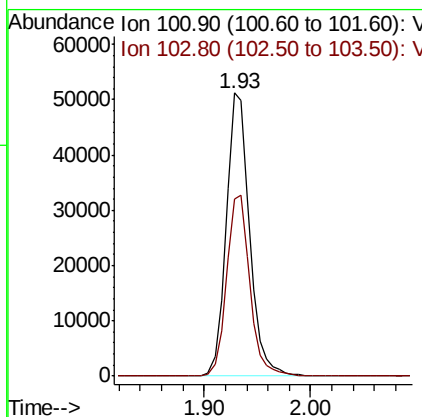
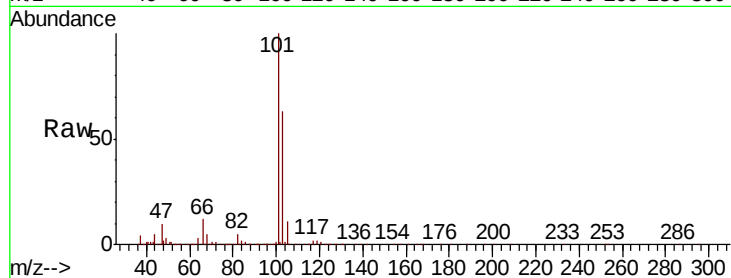
Trichlorofluoromethane
Concen: 19.835 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX006133.D
Acq: 21 Nov 2018 19:39

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Tot Ion	Ratio	Lower	Upper
101	100		
103	62.5	52.1	78.1

Manual Integrations
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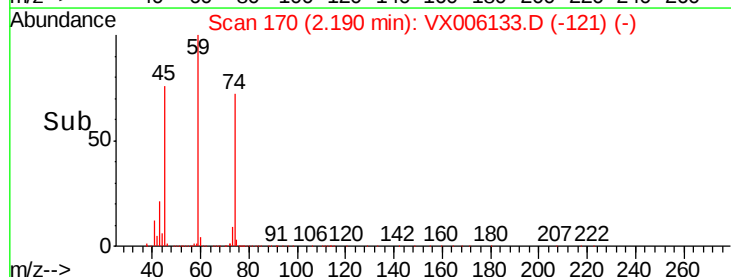
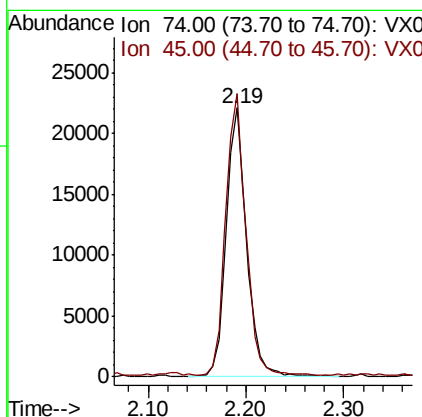
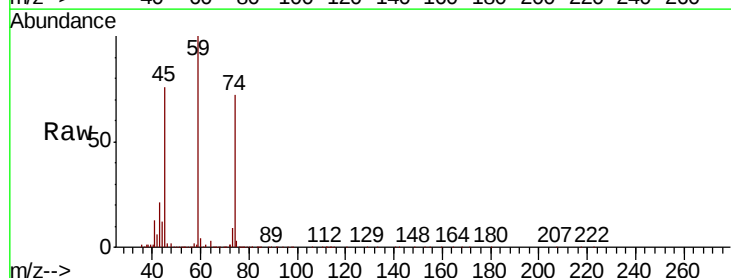
MMDadoda
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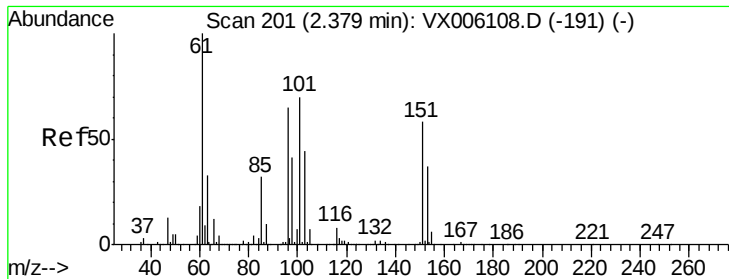


#8

Diethyl Ether
Concen: 19.258 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006133.D
Acq: 21 Nov 2018 19:39

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.7	52.2	156.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.195 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX006133.D

Acq: 21 Nov 2018 19:39

Instrument :

MSVOA_X

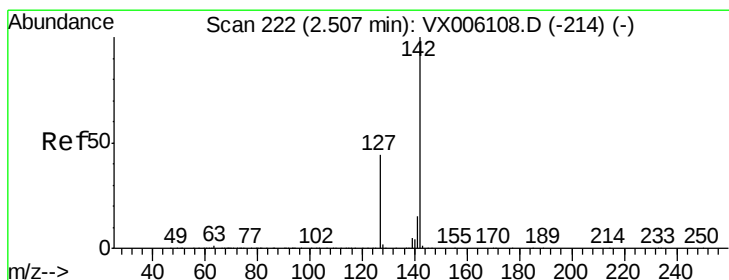
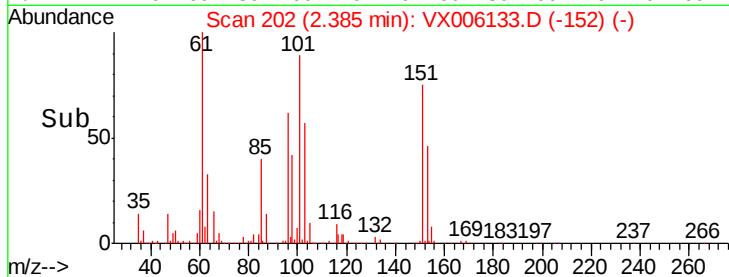
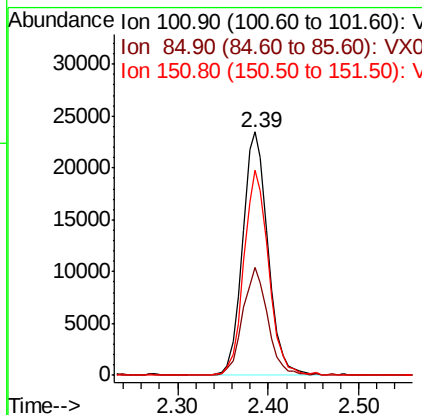
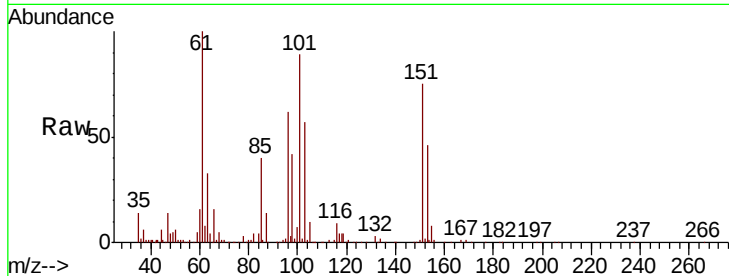
ClientSampleId :

VX1121WBSD01

Tot Ion:	101	Resp:	45103
Ion Ratio	Lower	Upper	
101	100		
85	44.0	36.0	54.0
151	82.9	65.8	98.6

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#10

Methyl Iodide

Concen: 11.525 ug/l

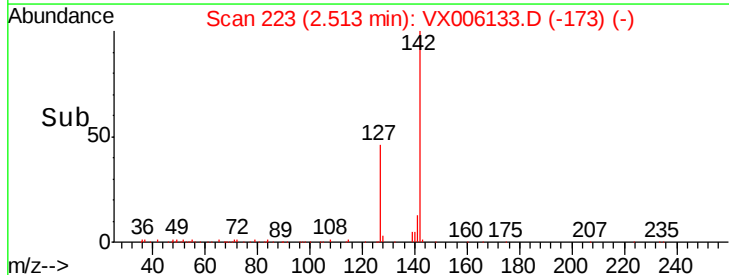
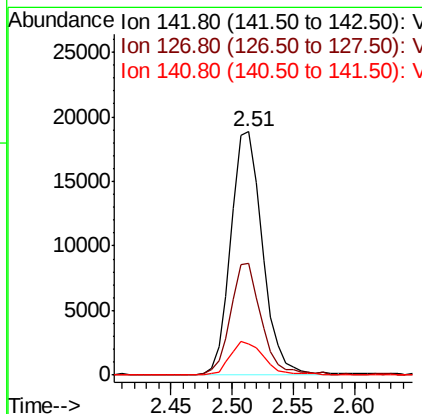
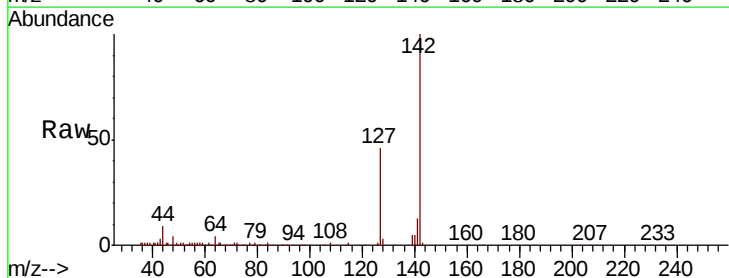
RT: 2.51 min Scan# 223

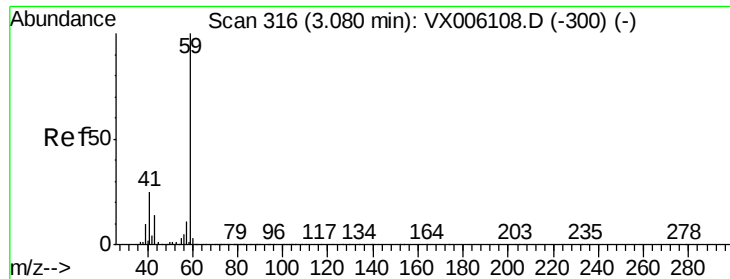
Delta R.T. 0.01 min

Lab File: VX006133.D

Acq: 21 Nov 2018 19:39

Tgt Ion:	142	Resp:	33951
Ion Ratio	Lower	Upper	
142	100		
127	44.7	36.0	54.0
141	14.6	11.7	17.5





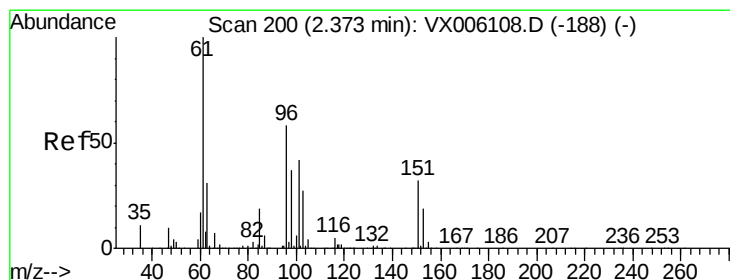
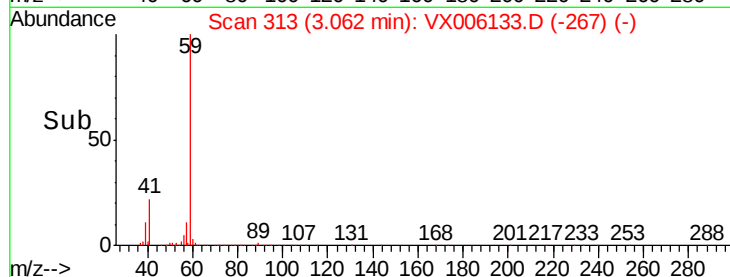
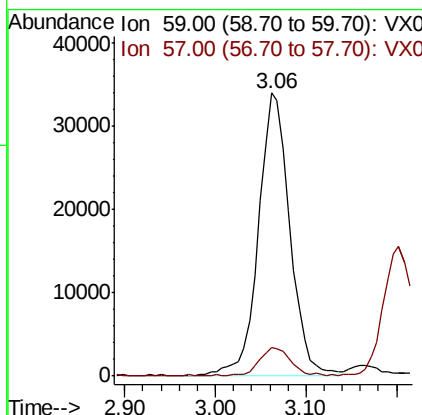
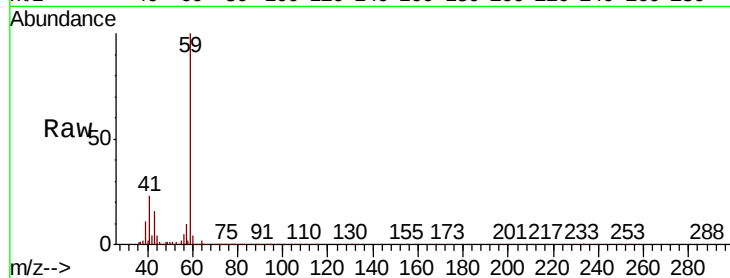
#11
Tert butyl alcohol
Concen: 103.733 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.02 min
Lab File: VX006133.D
Acq: 21 Nov 2018 19:39

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.4	8.7	13.1

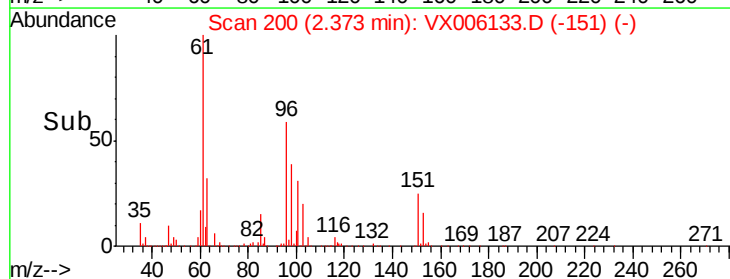
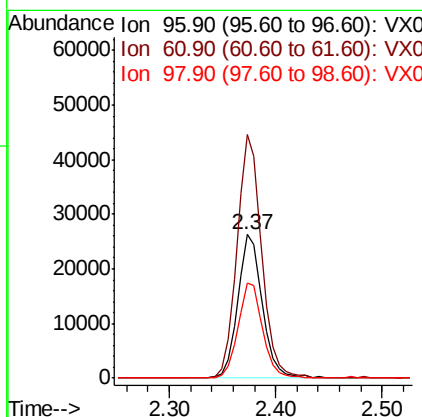
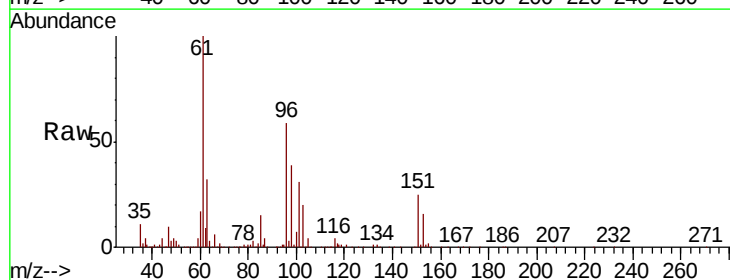
Manual Integrations
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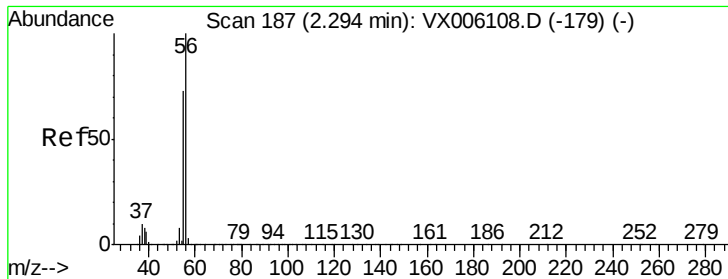
MMDadoda
11/26/2018 10:52:36 AM



#12
1,1-Dichloroethene
Concen: 18.643 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006133.D
Acq: 21 Nov 2018 19:39

Tgt Ion	Ratio	Lower	Upper
96	100		
61	169.3	138.2	207.4
98	66.0	51.3	76.9





#13

Acrolein

Concen: 92.722 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX006133.D

Acq: 21 Nov 2018 19:39

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBSD01

Tot Ion: 56 Resp: 43386

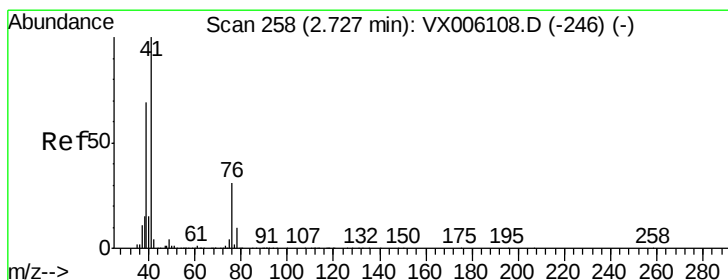
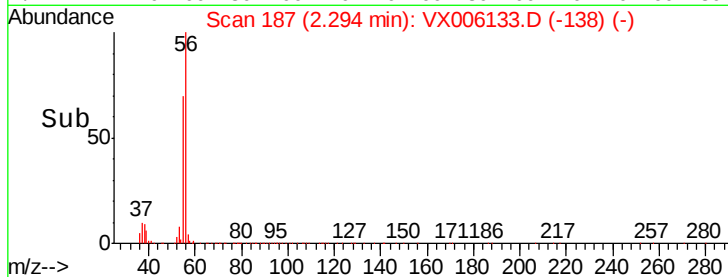
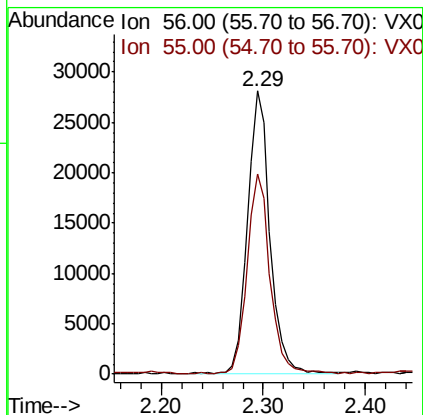
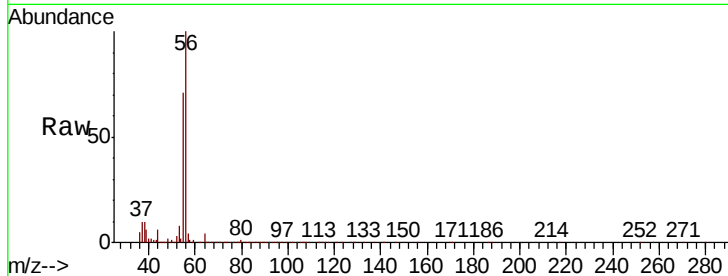
Ion Ratio Lower Upper

56 100

55 71.0 57.8 86.6

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#14

Allyl chloride

Concen: 18.929 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006133.D

Acq: 21 Nov 2018 19:39

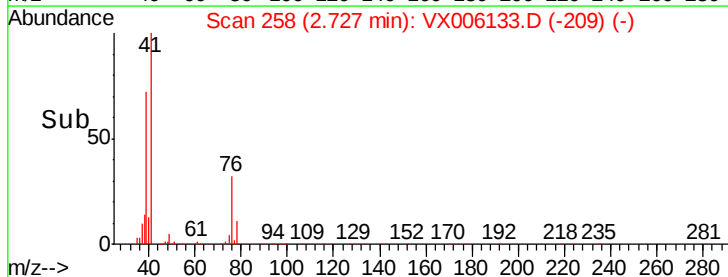
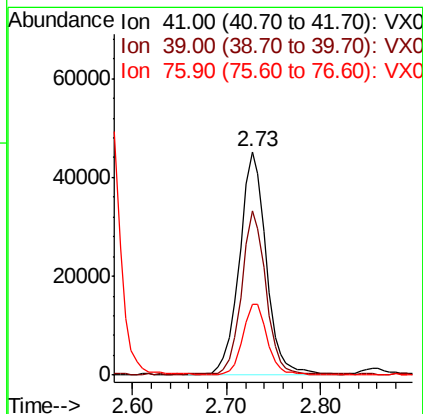
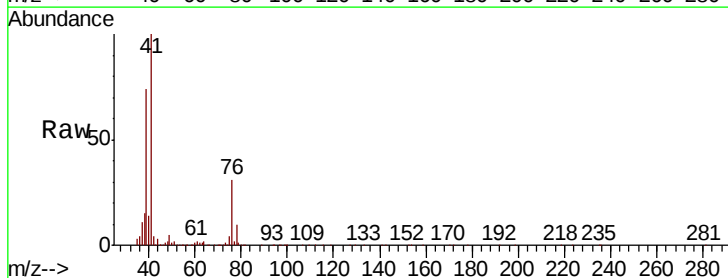
Tgt Ion: 41 Resp: 88707

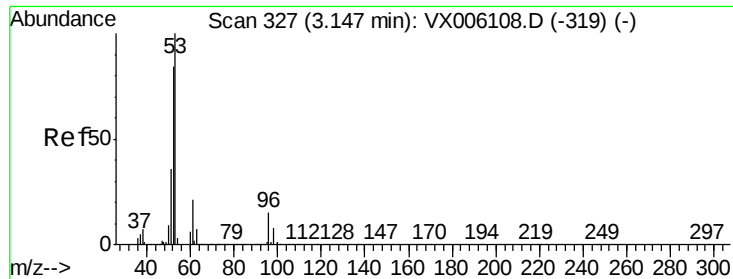
Ion Ratio Lower Upper

41 100

39 66.8 52.5 78.7

76 28.4 23.4 35.2





#15

Acrylonitrile

Concen: 96.103 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX006133.D

Acq: 21 Nov 2018 19:39

Instrument :

MSVOA_X

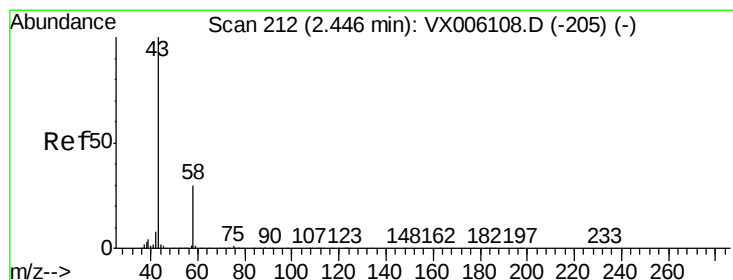
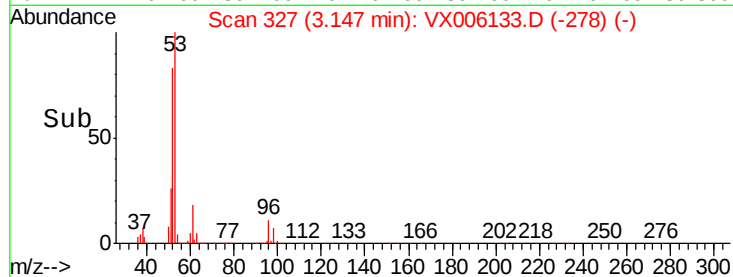
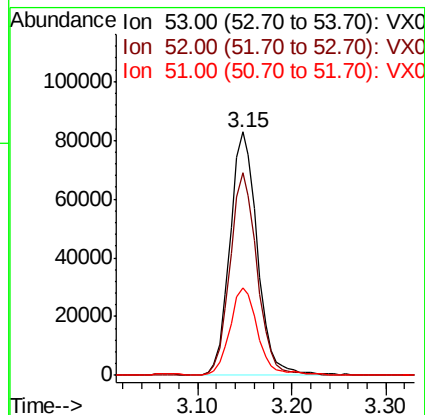
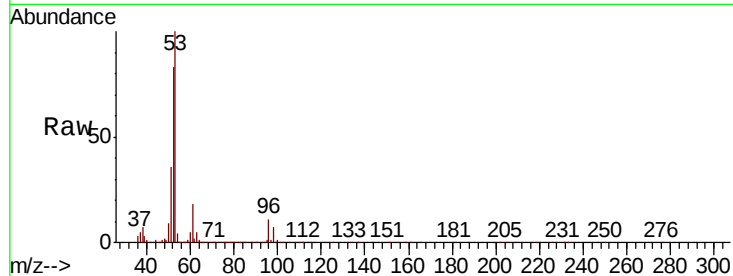
ClientSampleId :

VX1121WBSD01

Tot Ion:	53	Resp:	165986
Ion Ratio		Lower	Upper
53	100		
52	82.4	66.4	99.6
51	36.7	29.4	44.0

Manual Integrations
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#16

Acetone

Concen: 95.610 ug/l

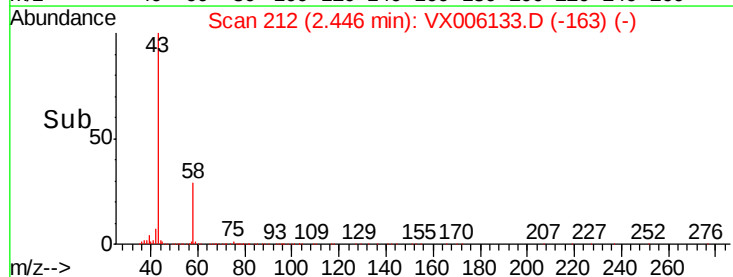
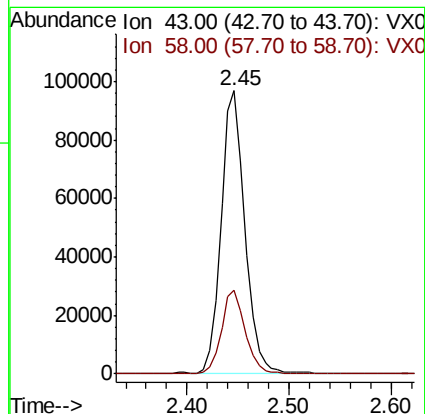
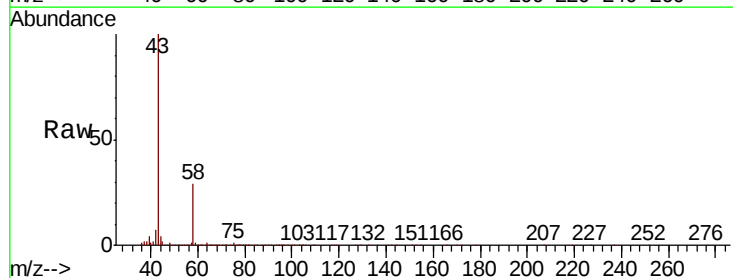
RT: 2.45 min Scan# 212

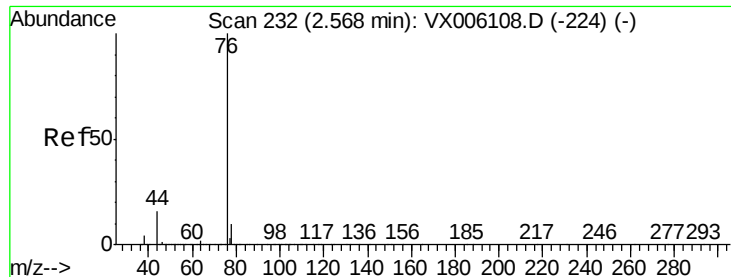
Delta R.T. 0.00 min

Lab File: VX006133.D

Acq: 21 Nov 2018 19:39

Tgt Ion:	43	Resp:	155956
Ion Ratio		Lower	Upper
43	100		
58	29.3	23.8	35.8





#17

Carbon Disulfide

Concen: 20.734 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX006133.D

Acq: 21 Nov 2018 19:39

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBSD01

Tot Ion: 76 Resp: 128242

Ion Ratio Lower Upper

76 100

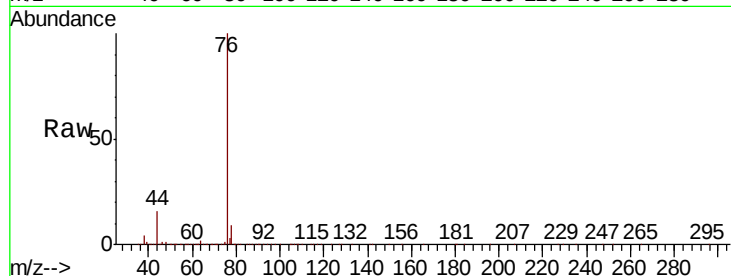
78 9.1 7.7 11.5

Manual Integrations

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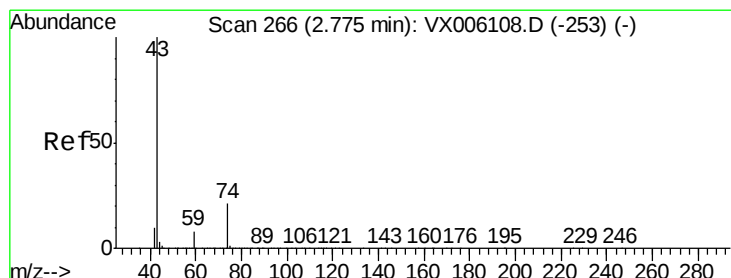
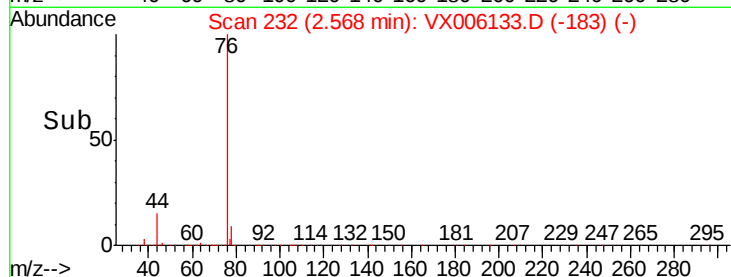
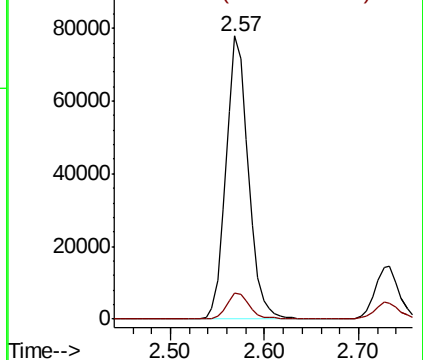
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 20.343 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX006133.D

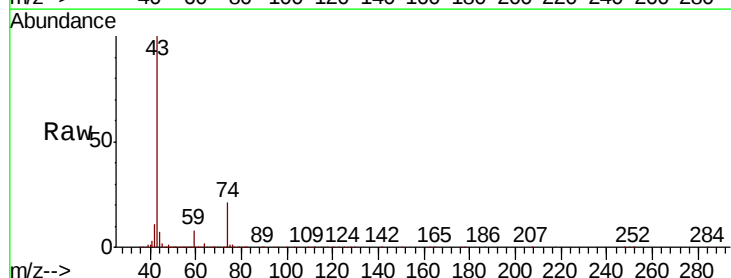
Acq: 21 Nov 2018 19:39

Tgt Ion: 43 Resp: 85096

Ion Ratio Lower Upper

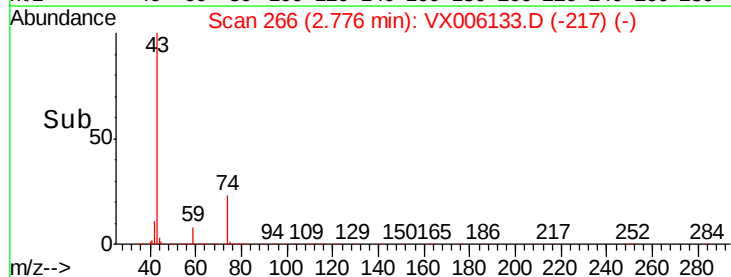
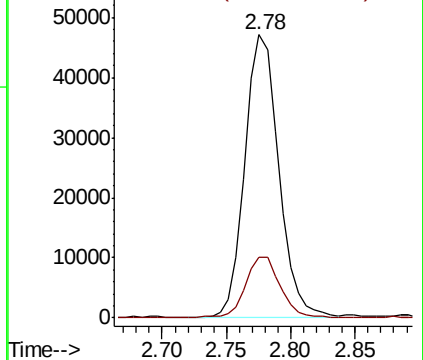
43 100

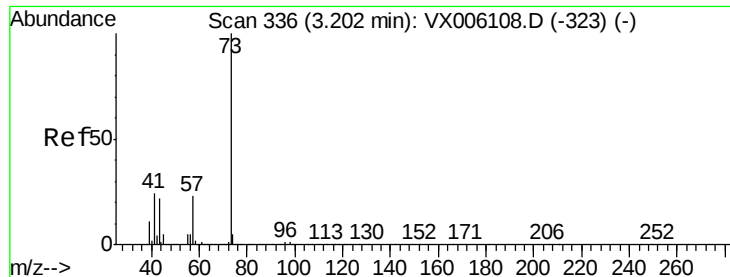
74 22.7 17.3 25.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

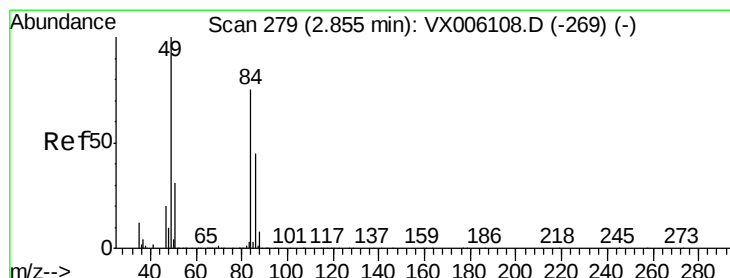
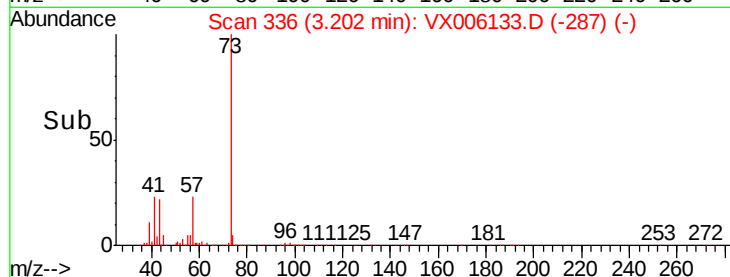
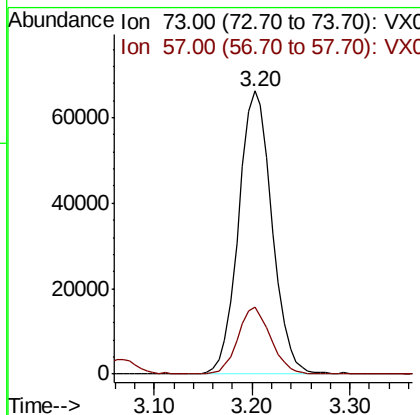
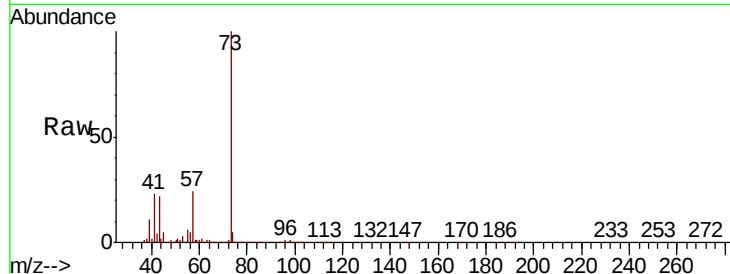
Methyl tert-butyl Ether
 Concen: 19.828 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX006133.D
 Acq: 21 Nov 2018 19:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.4	18.2	27.4

Manual Integrations
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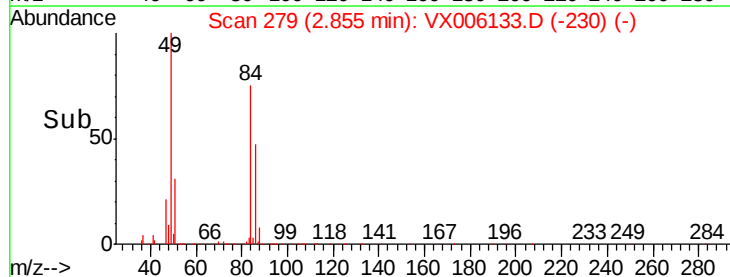
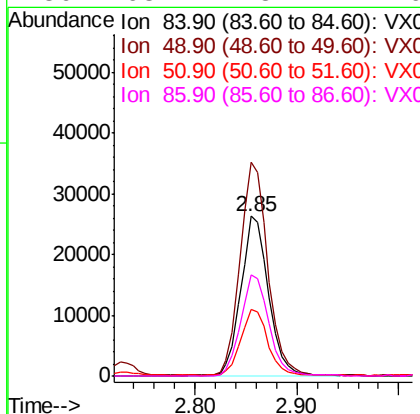
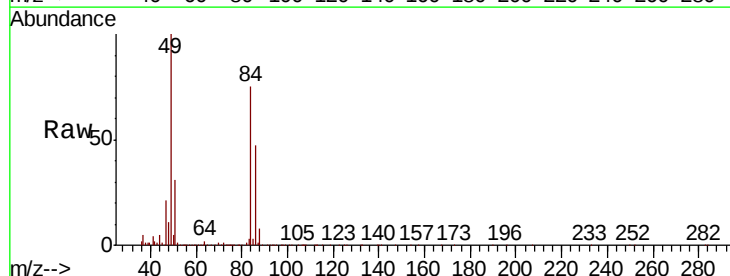
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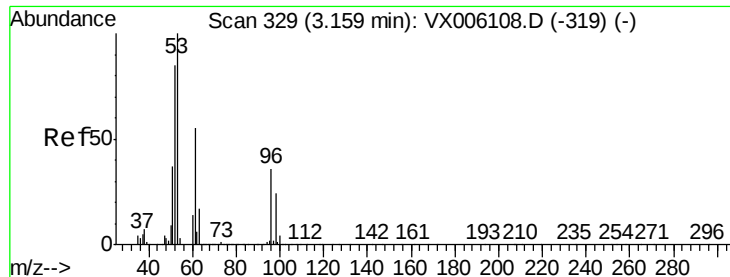


#20

Methylene Chloride
 Concen: 19.908 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX006133.D
 Acq: 21 Nov 2018 19:39

Tgt Ion	Ratio	Lower	Upper
84	100		
49	132.8	106.6	159.8
51	40.9	32.6	49.0
86	63.2	48.4	72.6





#21

trans-1,2-Dichloroethene

Concen: 19.268 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX006133.D

Acq: 21 Nov 2018 19:39

Instrument :

MSVOA_X

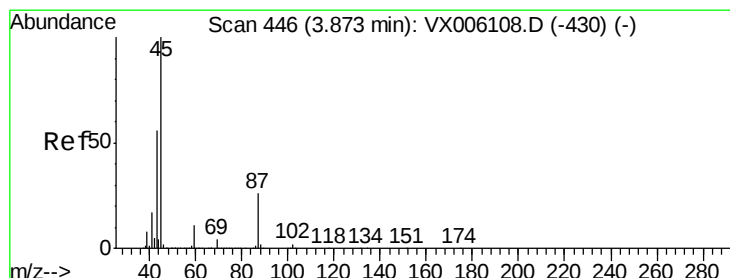
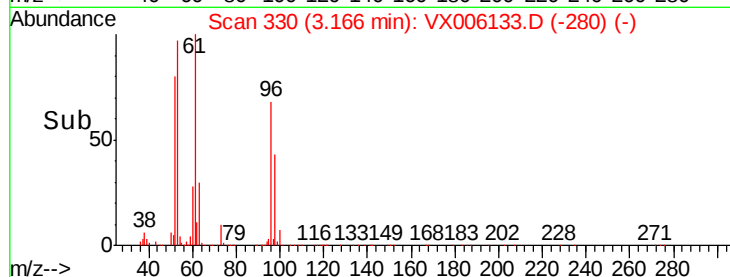
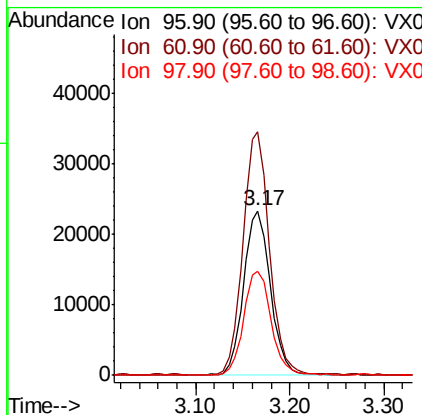
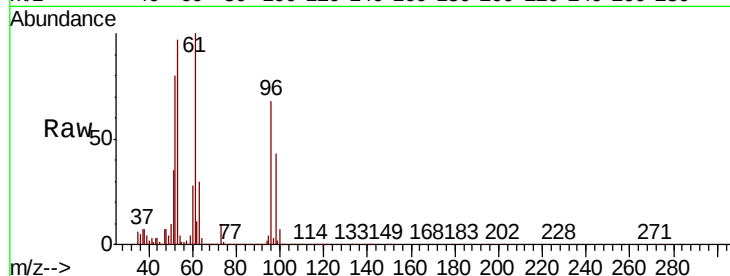
ClientSampleId :

VX1121WBSD01

Tot Ion:	96	Resp:	46177
Ion	Ratio	Lower	Upper
96	100		
61	148.1	122.0	183.0
98	63.6	52.7	79.1

Manual Integrations
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#22

Diisopropyl ether

Concen: 20.847 ug/l

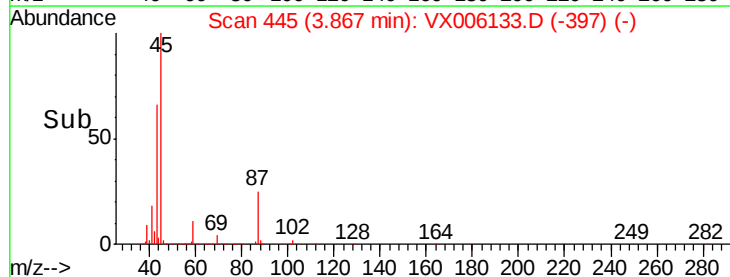
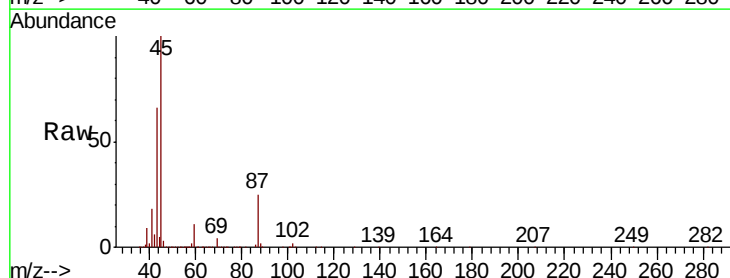
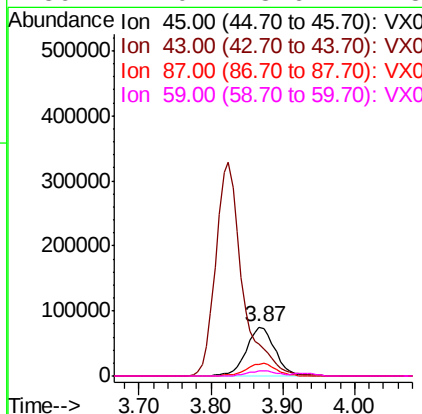
RT: 3.87 min Scan# 445

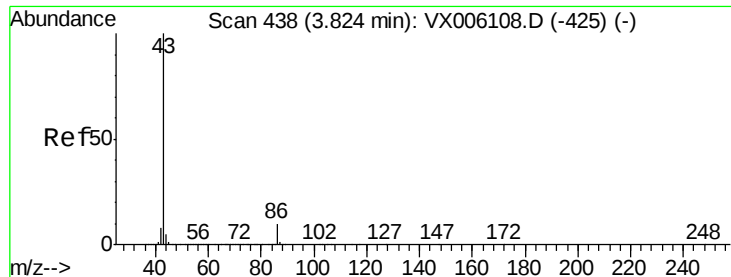
Delta R.T. -0.01 min

Lab File: VX006133.D

Acq: 21 Nov 2018 19:39

Tgt Ion:	45	Resp:	209146
Ion	Ratio	Lower	Upper
45	100		
43	65.4	45.8	68.8
87	24.7	21.0	31.4
59	11.0	8.6	12.8





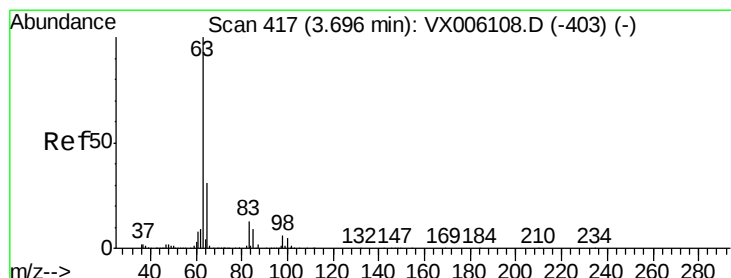
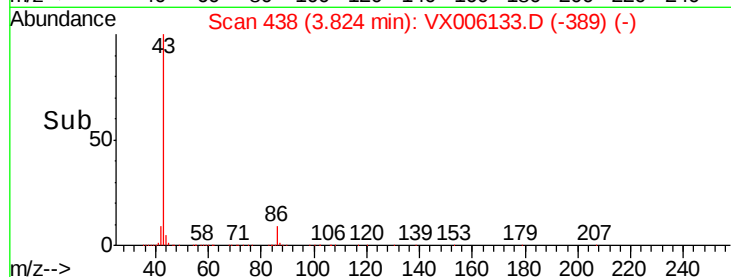
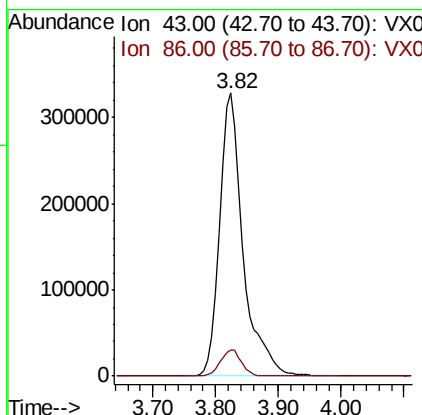
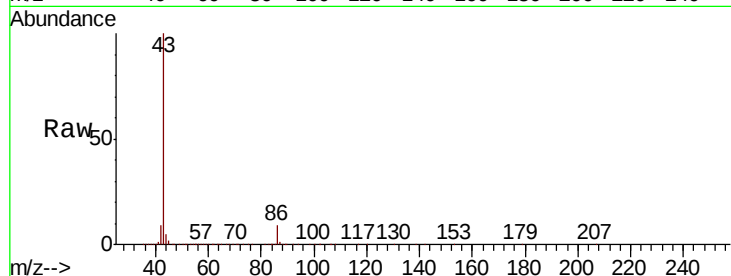
#23
 Vinyl Acetate
 Concen: 102.089 ug/l
 RT: 3.82 min Scan# 438
 Delta R.T. 0.00 min
 Lab File: VX006133.D
 Acq: 21 Nov 2018 19:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
86	9.3	7.6	11.4

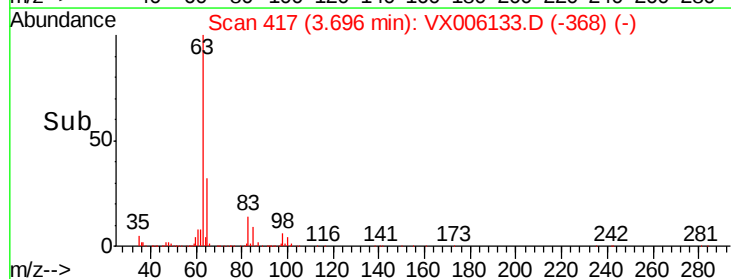
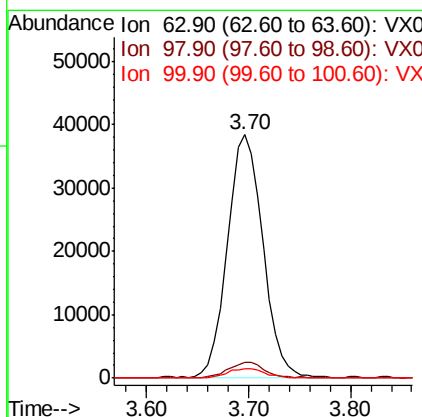
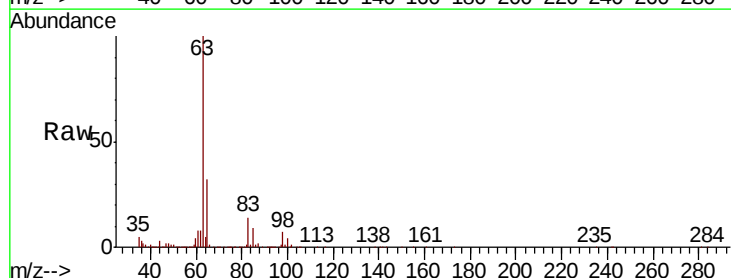
Manual Integrations
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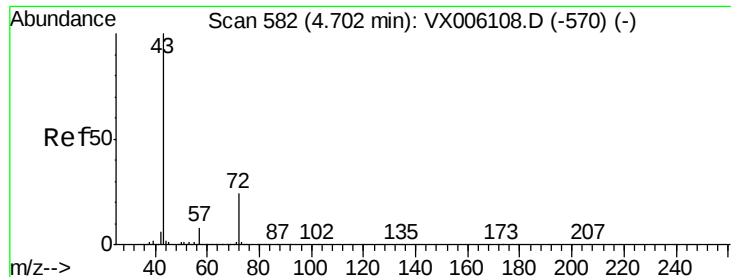
MMDadoda
 11/26/2018 10:52:36 AM



#24
 1,1-Dichloroethane
 Concen: 19.445 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: VX006133.D
 Acq: 21 Nov 2018 19:39

Tgt Ion	Ratio	Lower	Upper
63	100		
98	6.7	3.3	9.8
100	3.6	2.4	7.1





#25

2-Butanone

Concen: 98.606 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX006133.D

Acq: 21 Nov 2018 19:39

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBSD01

Tot Ion: 43 Resp: 298546

Ion Ratio Lower Upper

43 100

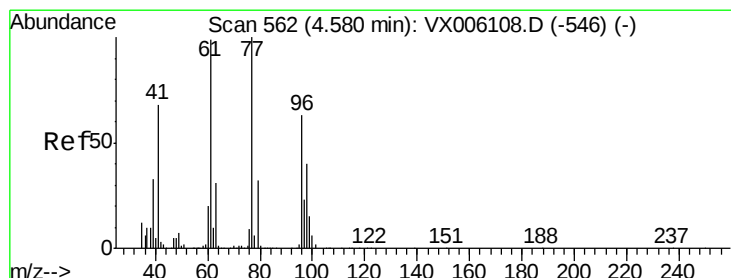
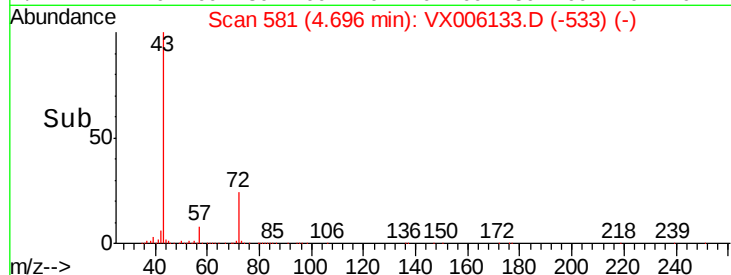
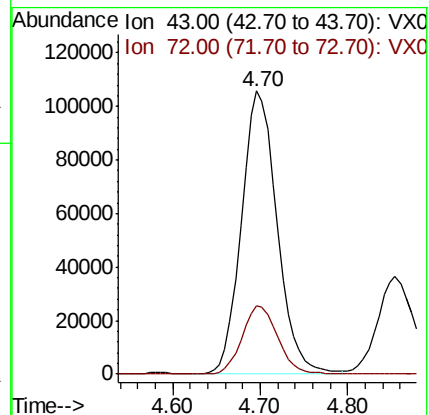
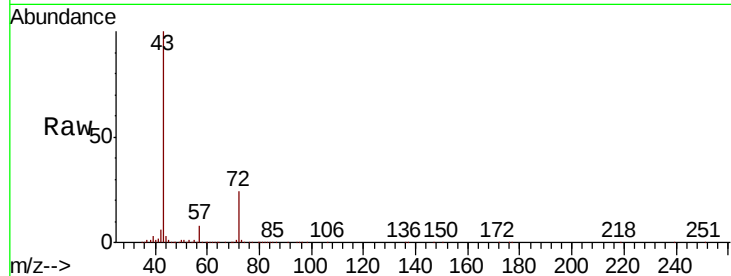
72 23.9 19.2 28.8

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#26

2,2-Dichloropropane

Concen: 18.418 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX006133.D

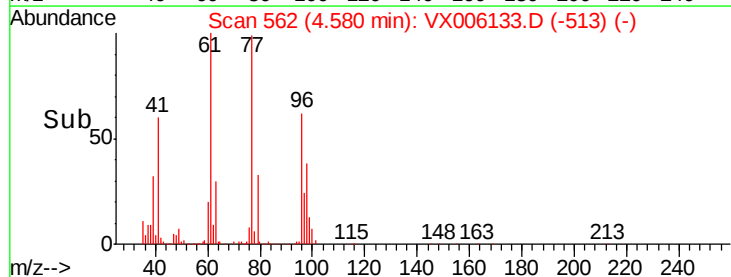
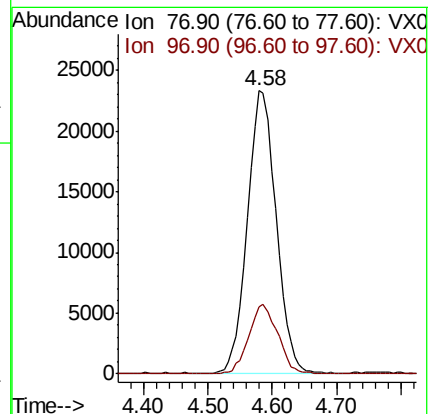
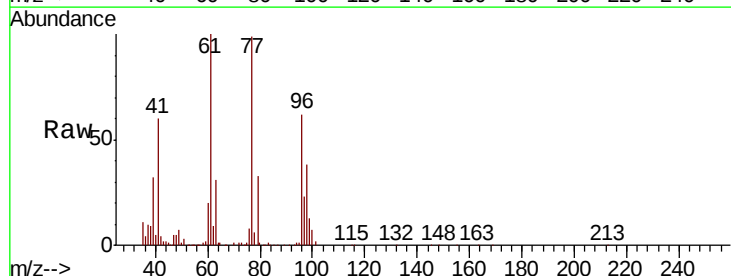
Acq: 21 Nov 2018 19:39

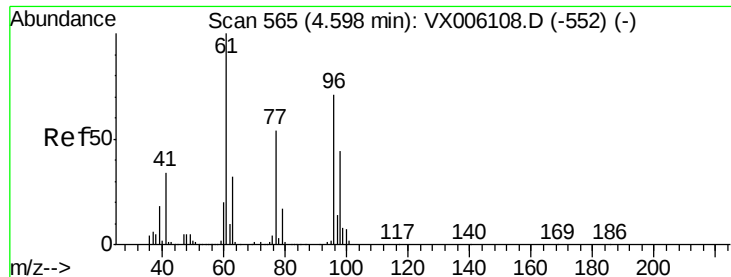
Tgt Ion: 77 Resp: 71748

Ion Ratio Lower Upper

77 100

97 24.6 11.9 35.5





#27

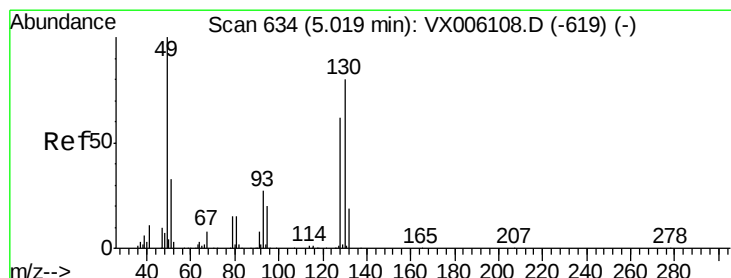
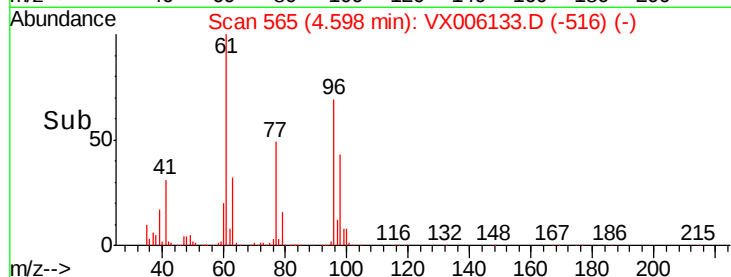
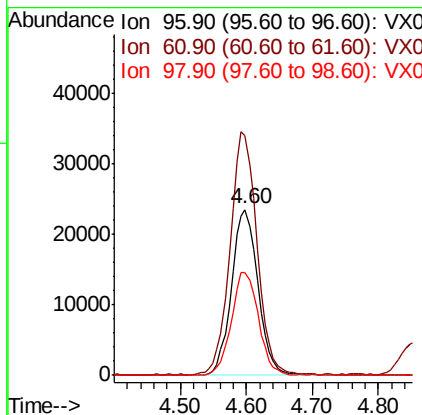
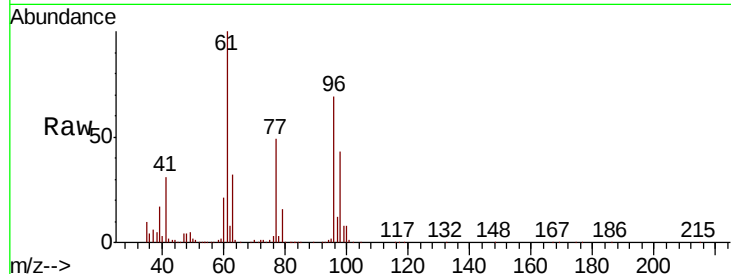
cis-1,2-Dichloroethene
Concen: 19.474 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006133.D
Acq: 21 Nov 2018 19:39

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	148.7	0.0	291.6
98	63.9	0.0	128.2

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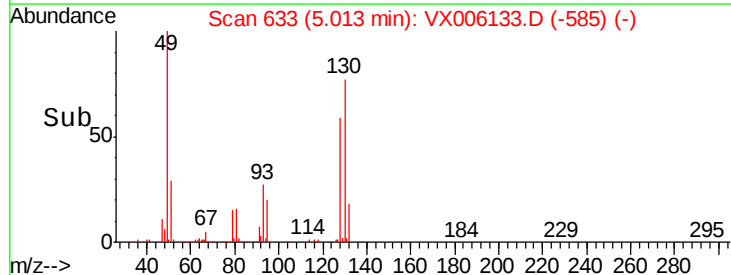
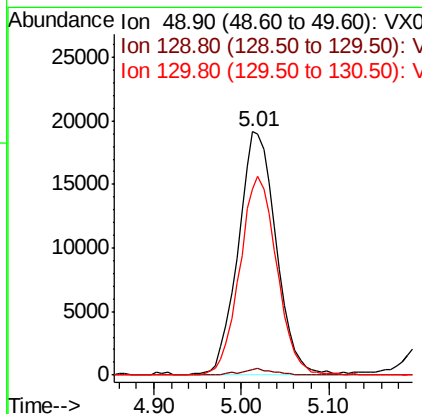
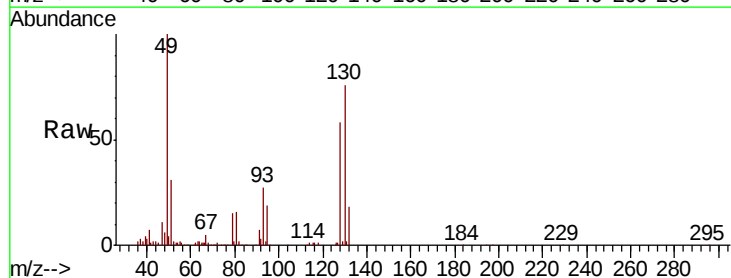
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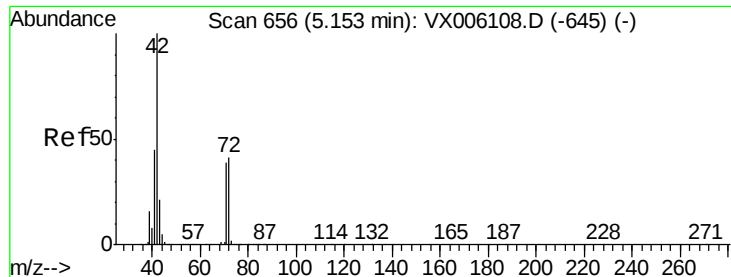


#28

Bromochloromethane
Concen: 20.766 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX006133.D
Acq: 21 Nov 2018 19:39

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.4
130	80.7	61.6	92.4





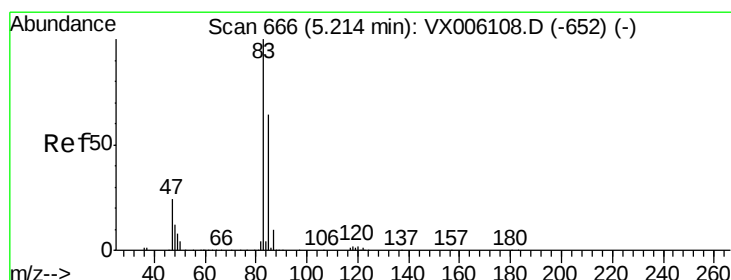
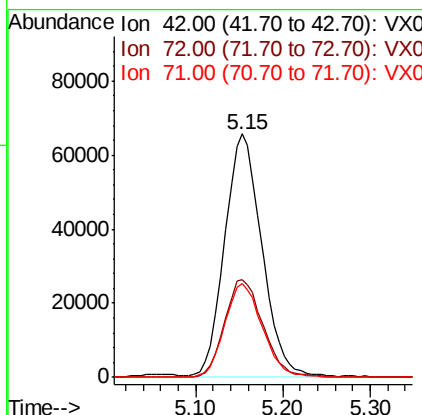
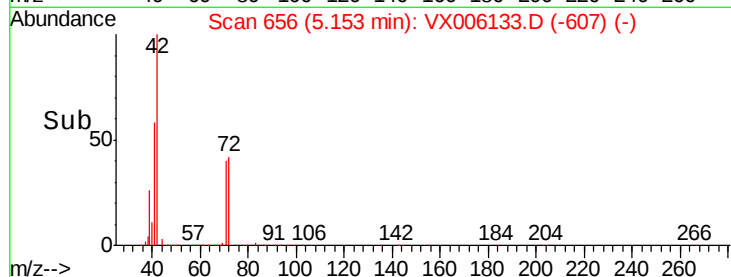
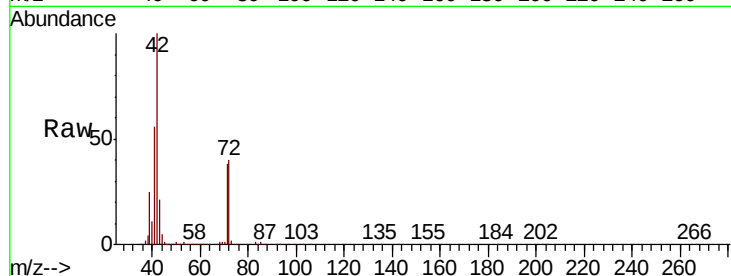
#29
Tetrahydrofuran
Concen: 101.992 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX006133.D
Acq: 21 Nov 2018 19:39

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.8	33.0	49.6
71	39.3	31.0	46.4

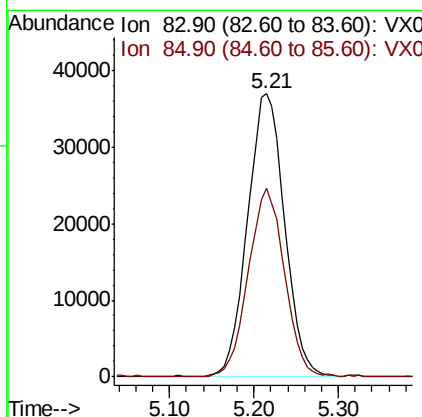
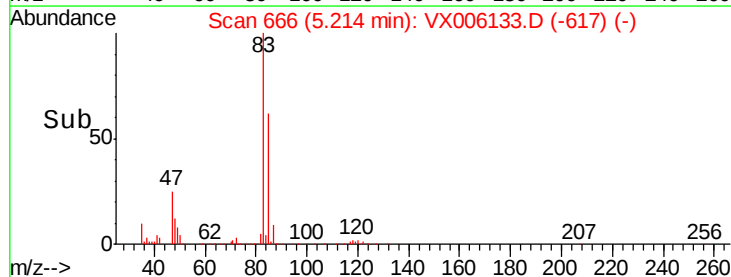
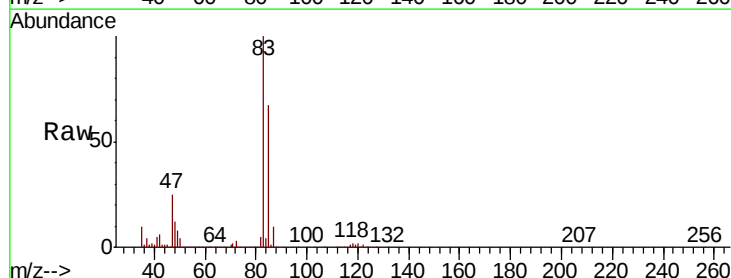
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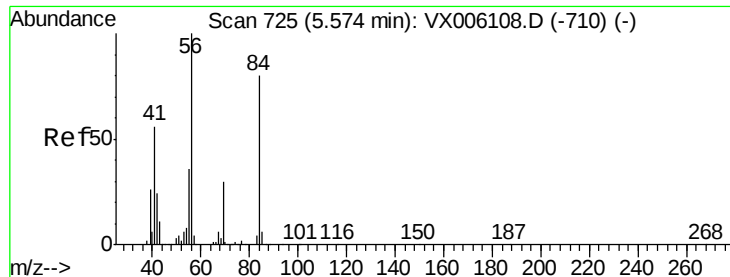
MMDadoda
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#30
Chloroform
Concen: 19.350 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX006133.D
Acq: 21 Nov 2018 19:39

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.5	51.0	76.4





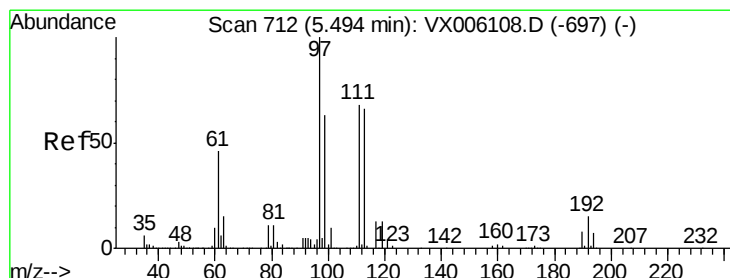
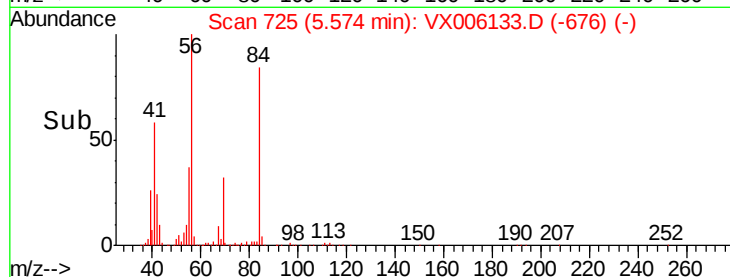
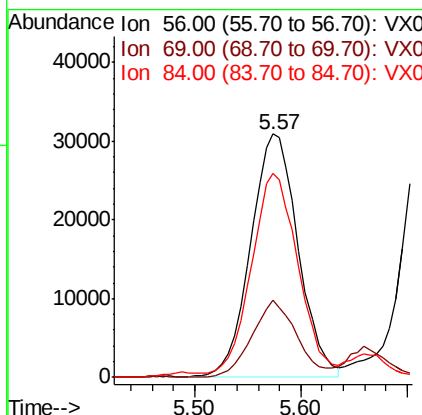
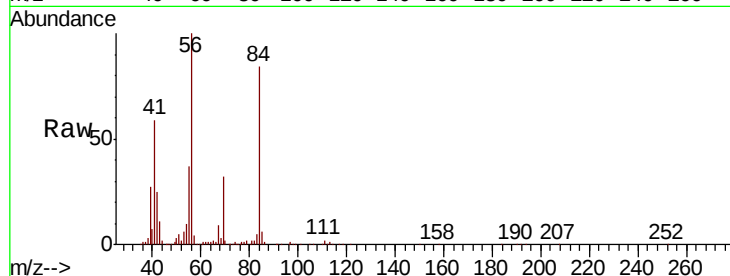
#31
Cyclohexane
Concen: 19.308 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006133.D
Acq: 21 Nov 2018 19:39

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.8	23.9	35.9
84	82.1	63.6	95.4

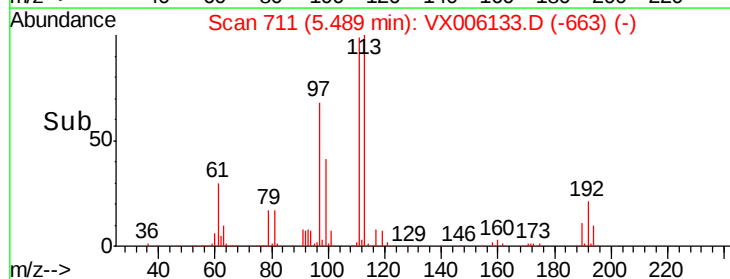
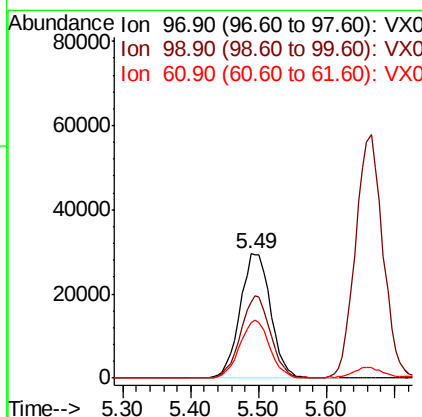
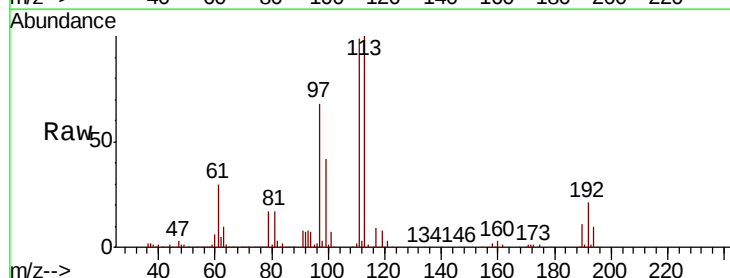
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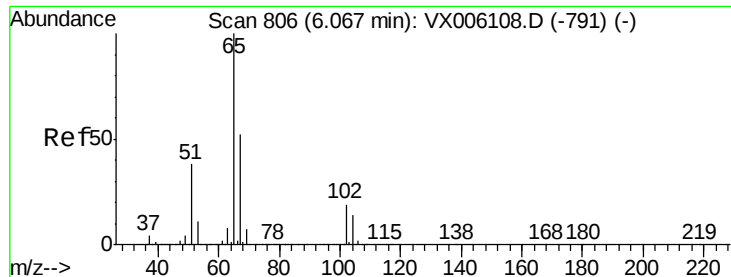
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#32
1,1,1-Trichloroethane
Concen: 20.029 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX006133.D
Acq: 21 Nov 2018 19:39

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.6	77.4
61	45.7	36.6	55.0





#33

1,2-Dichloroethane-d4

Concen: 53.069 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006133.D

Acq: 21 Nov 2018 19:39

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBSD01

Tot Ion: 65 Resp: 195076

Ion Ratio Lower Upper

65 100

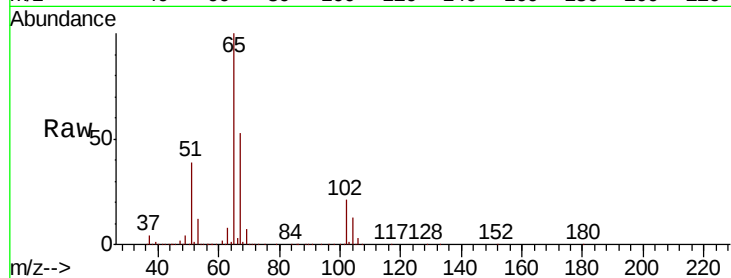
67 52.7 0.0 105.8

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

60000

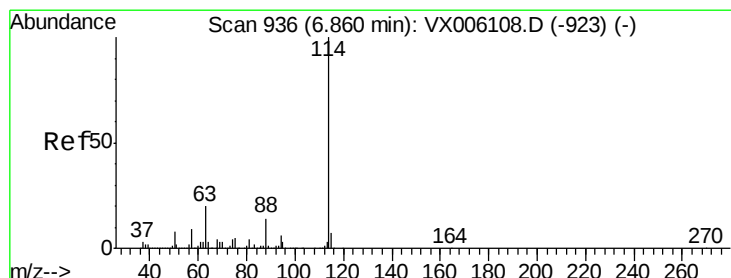
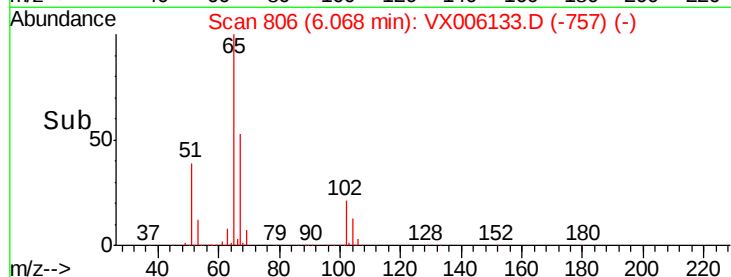
40000

20000

0

5.90 6.00 6.10 6.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006133.D

Acq: 21 Nov 2018 19:39

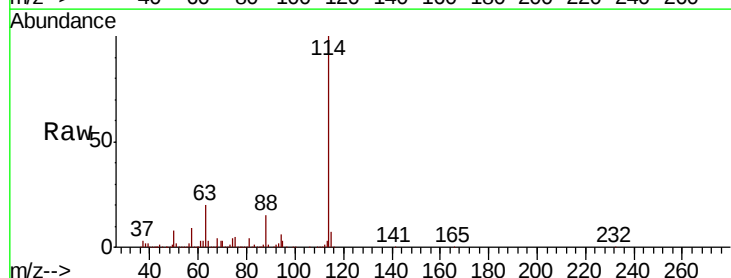
Tgt Ion: 114 Resp: 464568

Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.2

88 15.1 0.0 28.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.86

250000

200000

150000

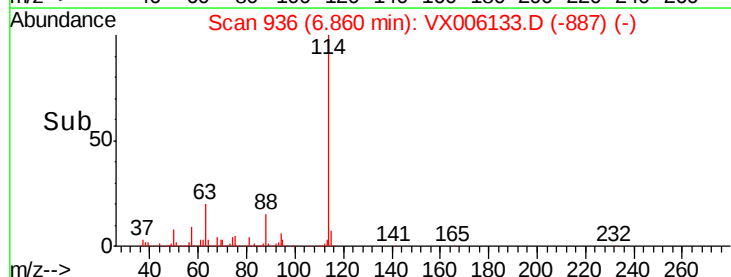
100000

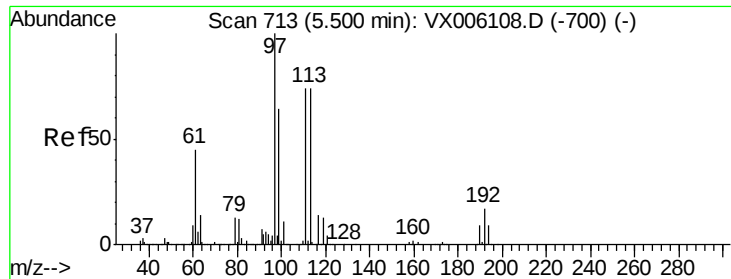
50000

0

6.70 6.80 6.90 7.00

Time-->





#35

Dibromofluoromethane

Concen: 52.436 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006133.D

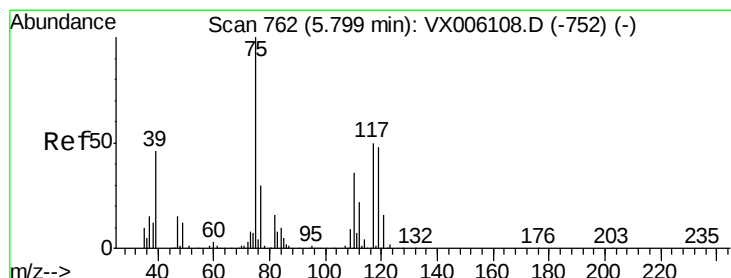
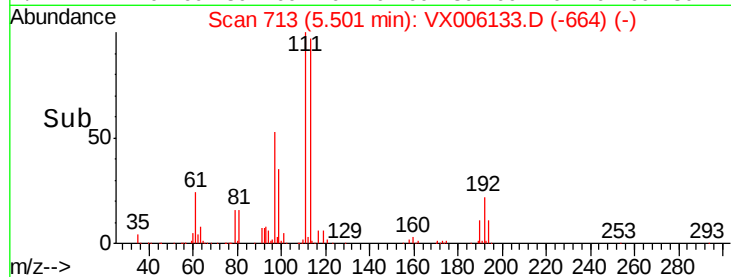
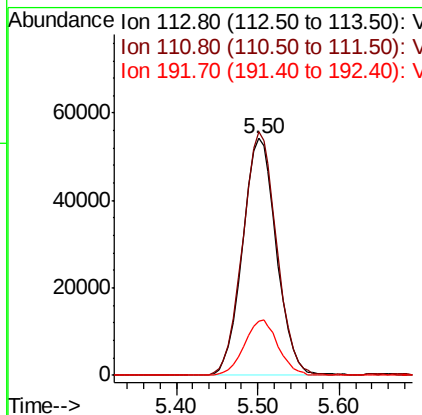
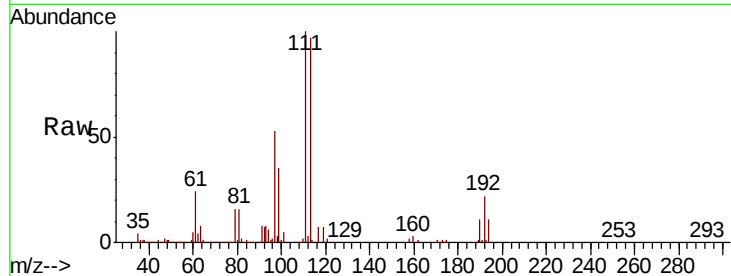
Acq: 21 Nov 2018 19:39

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD01

Tot Ion:	113	Resp:	156371
Ion Ratio	Lower	Upper	
113	100		
111	102.6	81.5	122.3
192	23.3	18.6	28.0

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#36

1,1-Dichloropropene

Concen: 19.072 ug/l

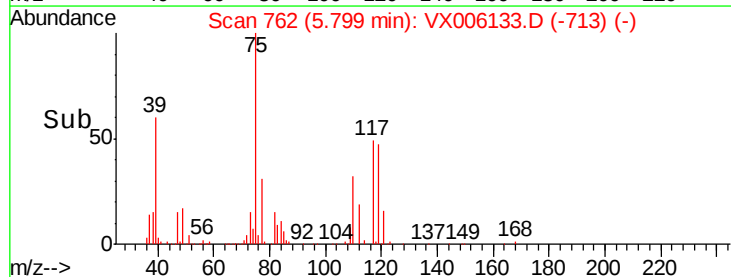
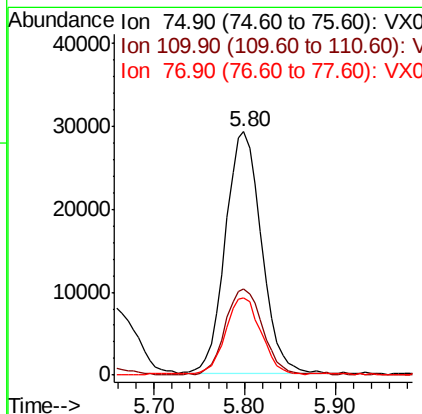
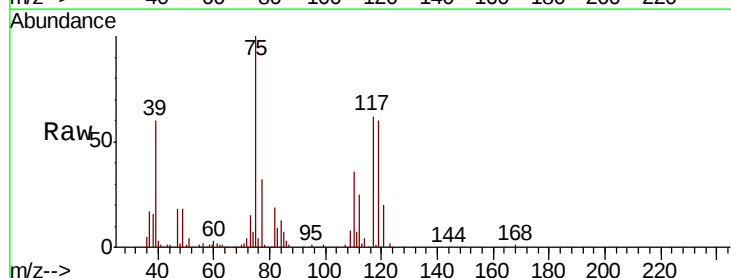
RT: 5.80 min Scan# 762

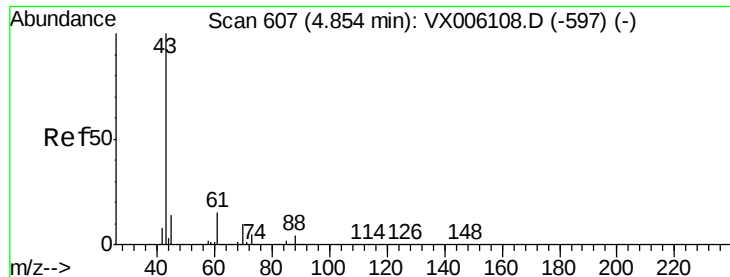
Delta R.T. 0.00 min

Lab File: VX006133.D

Acq: 21 Nov 2018 19:39

Tgt Ion:	75	Resp:	80608
Ion Ratio	Lower	Upper	
75	100		
110	36.6	17.8	53.3
77	30.8	24.5	36.7





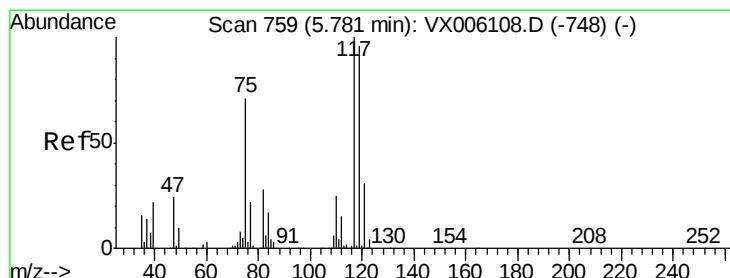
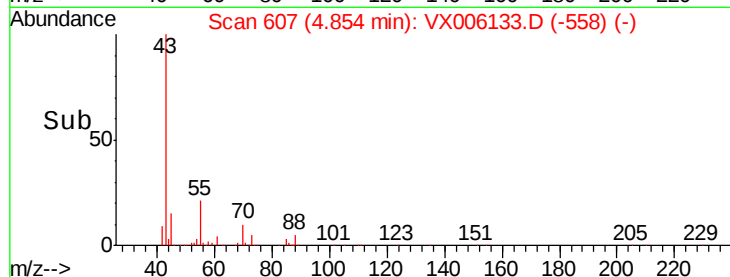
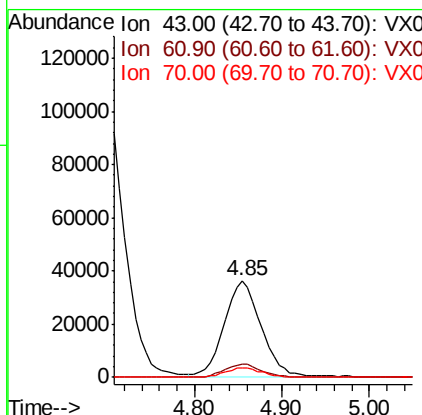
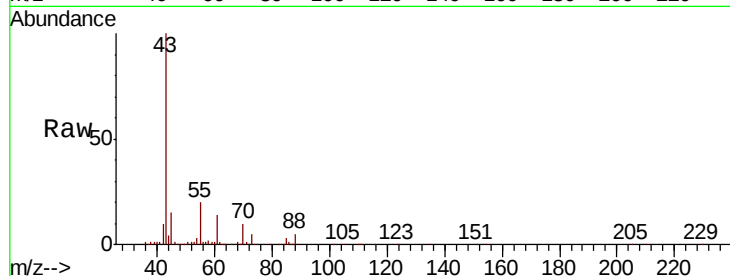
#37
Ethyl Acetate
Concen: 19.276 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006133.D
Acq: 21 Nov 2018 19:39

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
43	43	100		
61	61	13.2	10.5	15.7
70	70	10.5	7.9	11.9

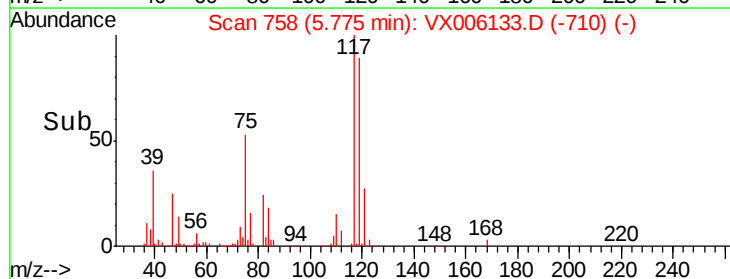
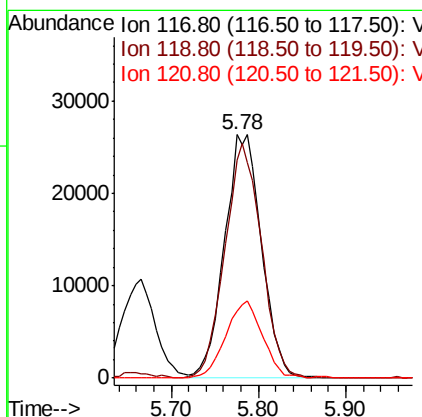
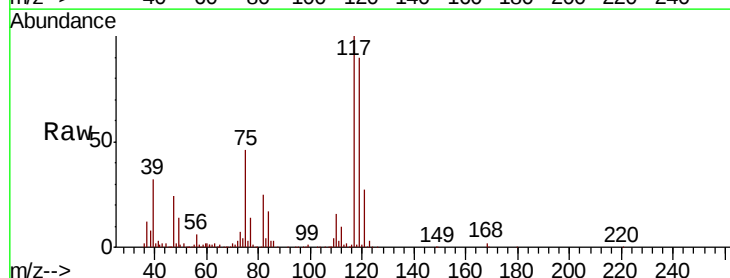
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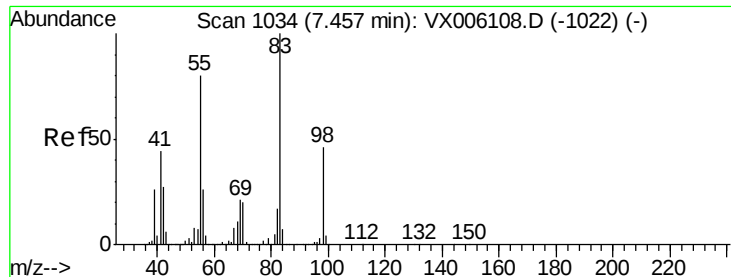
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#38
Carbon Tetrachloride
Concen: 19.537 ug/l
RT: 5.78 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX006133.D
Acq: 21 Nov 2018 19:39

Tgt Ion	Ion	Ratio	Lower	Upper
117	117	100		
119	119	89.5	76.3	114.5
121	121	27.3	24.7	37.1





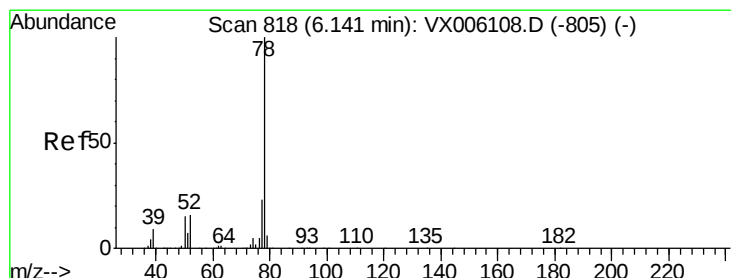
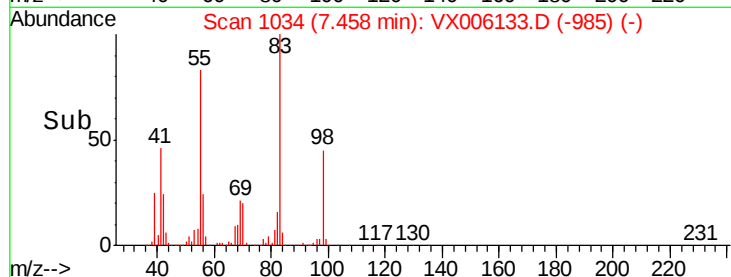
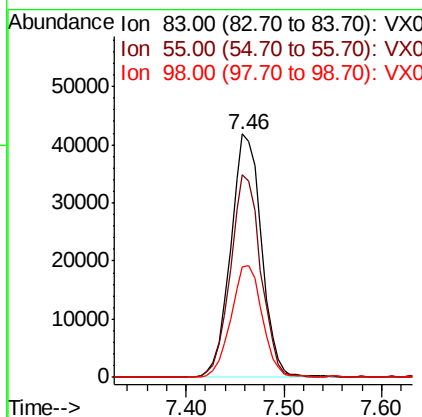
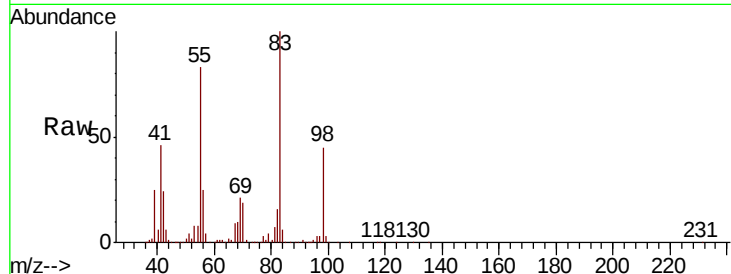
#39
Methylvlcyclohexane
Concen: 18.966 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX006133.D
Acq: 21 Nov 2018 19:39

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	83.2	63.9	95.9
98	45.3	36.8	55.2

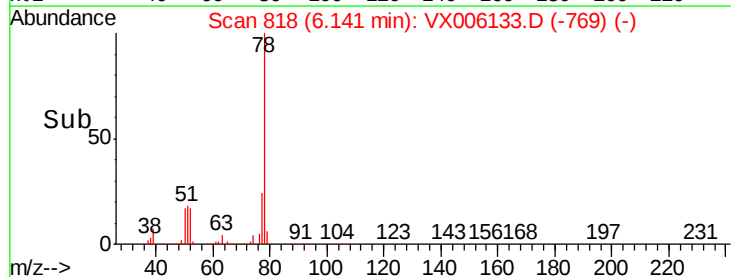
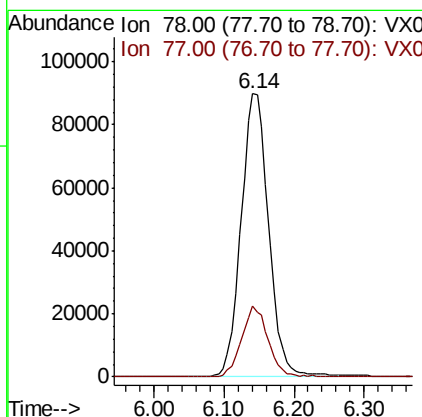
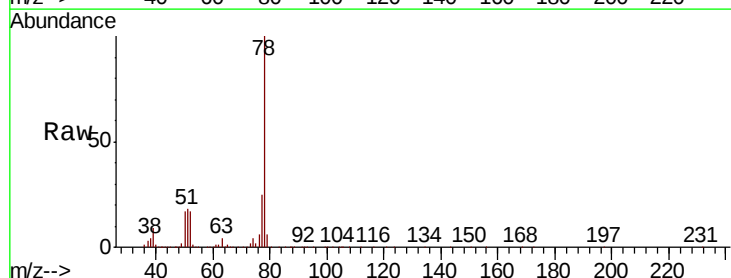
Manual Integrations
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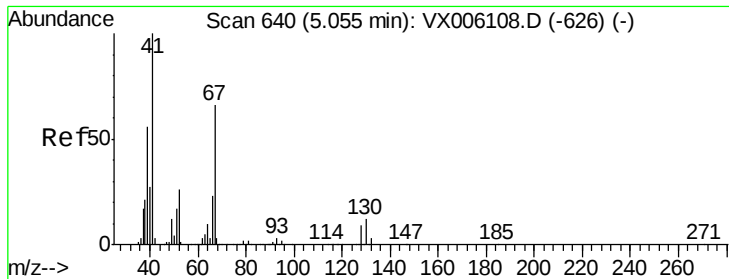
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#40
Benzene
Concen: 19.774 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006133.D
Acq: 21 Nov 2018 19:39

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.2	18.8	28.2





#41

Methacrylonitrile

Concen: 19.798 ug/l

RT: 5.06 min Scan# 640

Delta R.T. 0.00 min

Lab File: VX006133.D

Acq: 21 Nov 2018 19:39

Instrument :

MSVOA_X

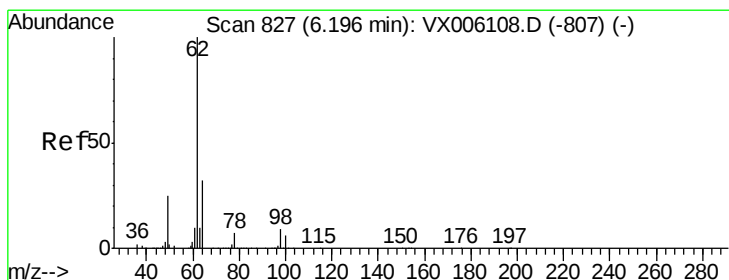
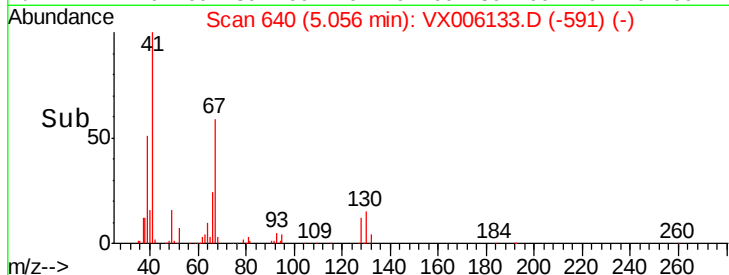
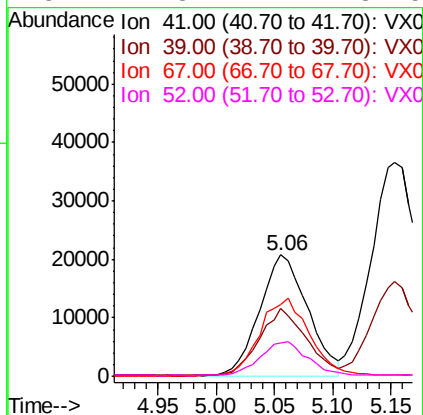
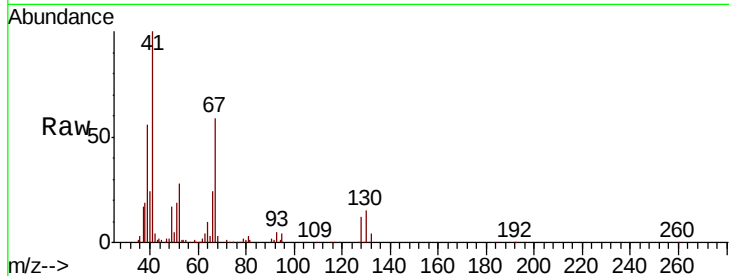
ClientSampleId :

VX1121WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.1	44.1	66.1	
67	68.5	54.1	81.1	
52	27.3	21.7	32.5	

Manual Integrations
APPROVED

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11/26/2018 10:52:36 AM



#42

1,2-Dichloroethane

Concen: 19.604 ug/l

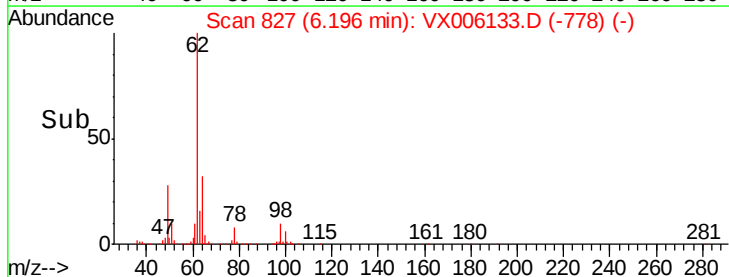
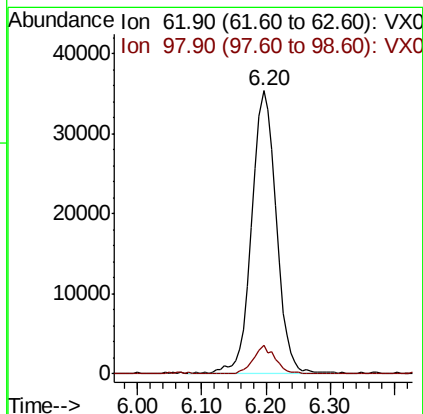
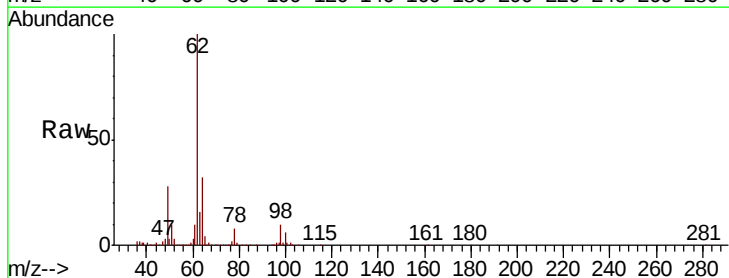
RT: 6.20 min Scan# 827

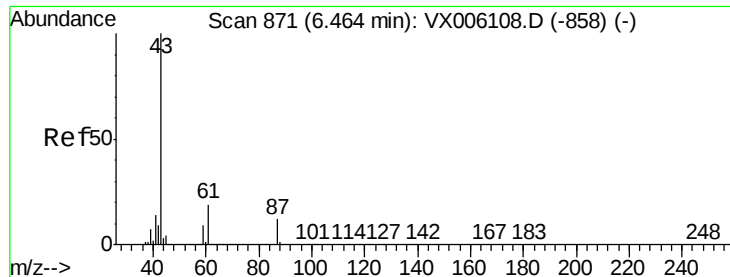
Delta R.T. 0.00 min

Lab File: VX006133.D

Acq: 21 Nov 2018 19:39

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.1	0.0	17.8	





#43

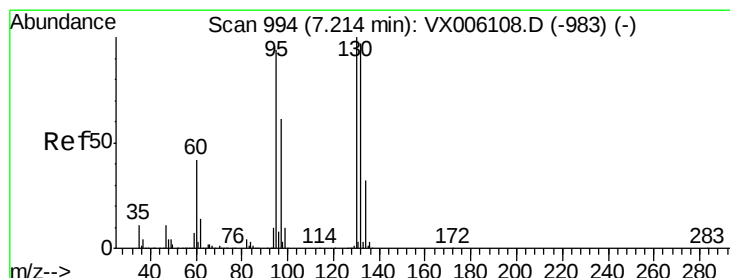
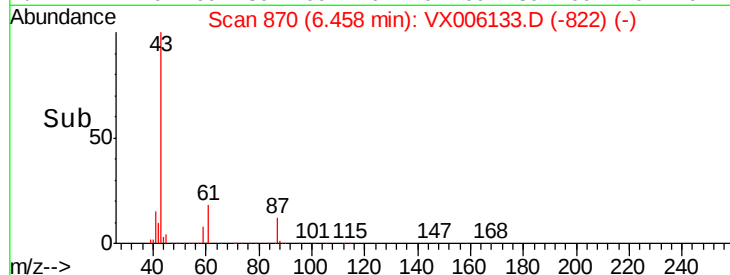
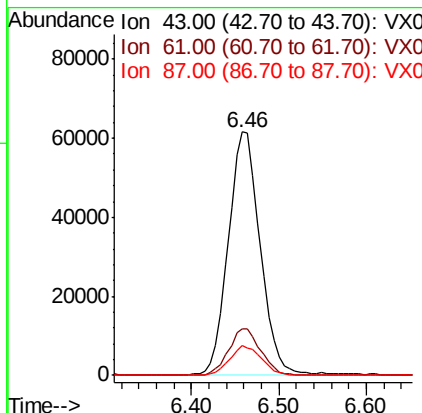
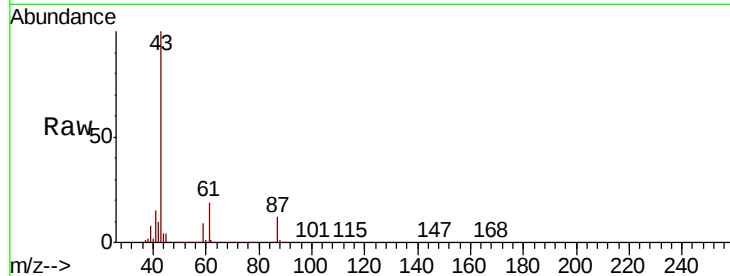
Isopropyl Acetate
 Concen: 19.801 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.01 min
 Lab File: VX006133.D
 Acq: 21 Nov 2018 19:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.6	15.2	22.8
87	12.2	9.6	14.4

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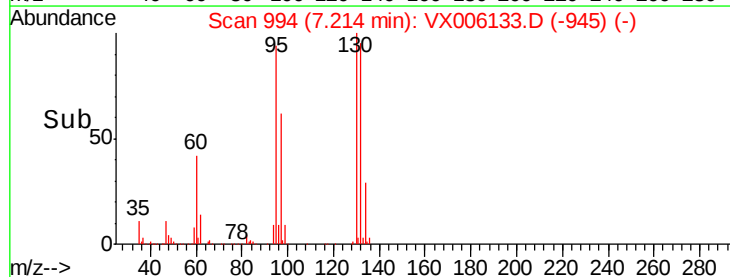
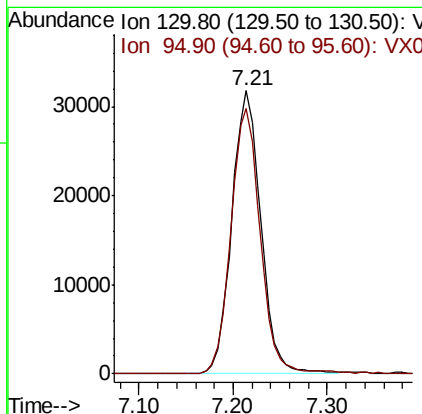
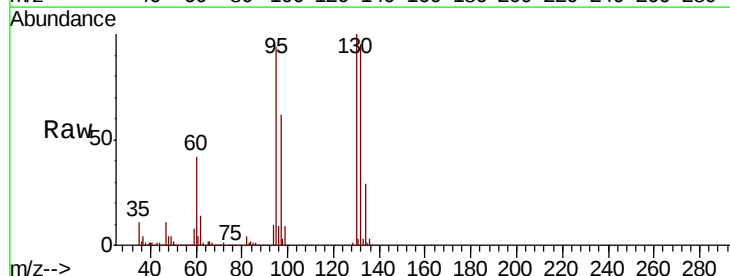
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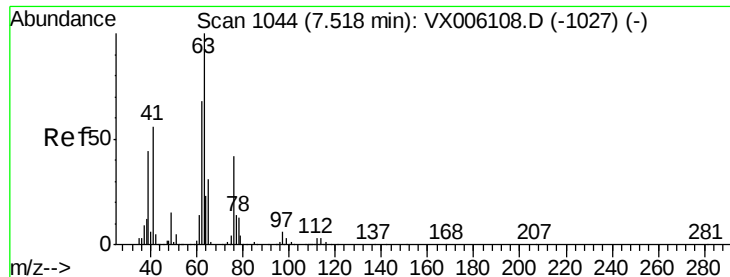


#44

Trichloroethene
 Concen: 19.734 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX006133.D
 Acq: 21 Nov 2018 19:39

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.9	0.0	188.8





#45

1,2-Dichloropropane

Concen: 19.980 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX006133.D

Acq: 21 Nov 2018 19:39

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBSD01

Tot Ion: 63 Resp: 65842

Ion Ratio Lower Upper

63 100

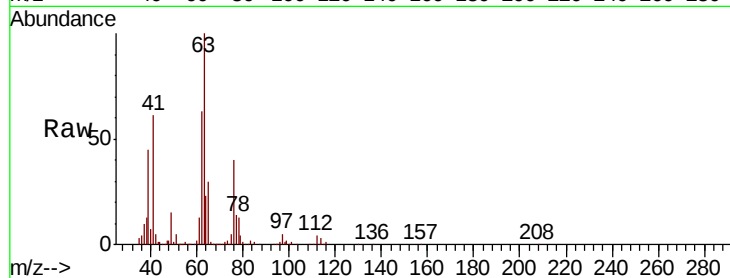
65 29.7 24.8 37.2

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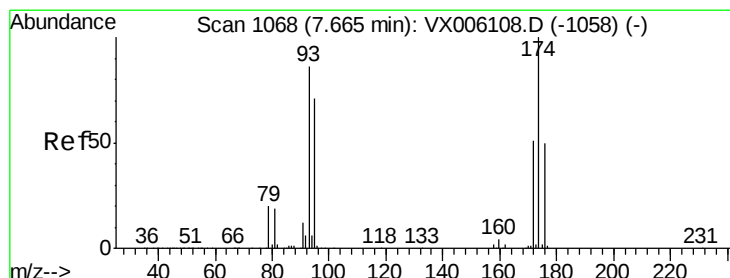
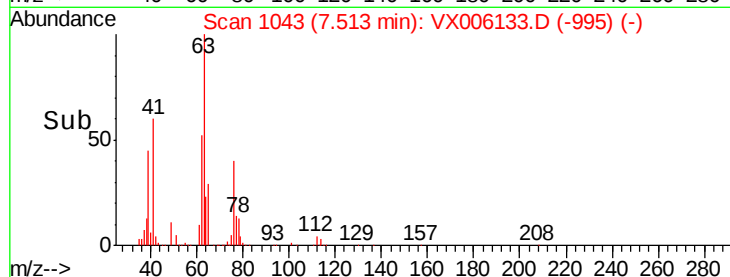
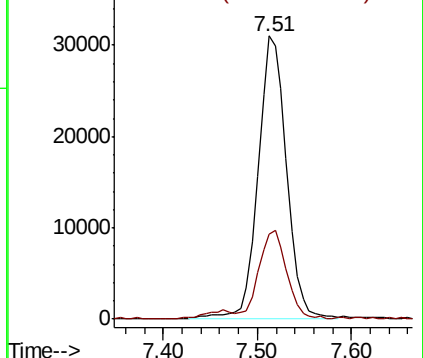
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.333 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX006133.D

Acq: 21 Nov 2018 19:39

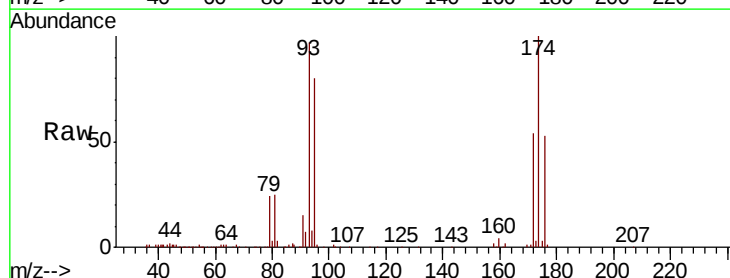
Tgt Ion: 93 Resp: 43629

Ion Ratio Lower Upper

93 100

95 83.5 66.3 99.5

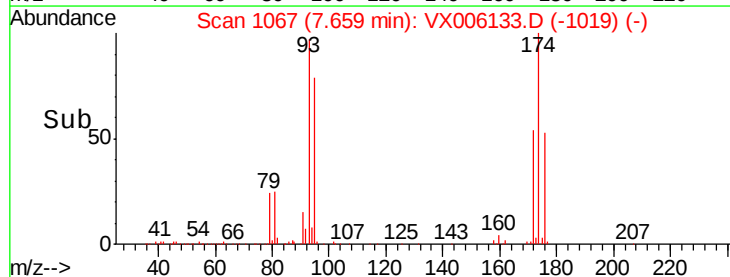
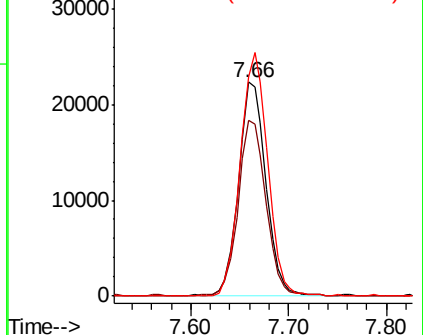
174 113.8 91.0 136.6

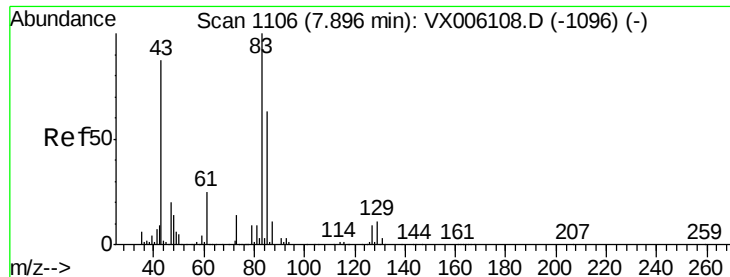


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





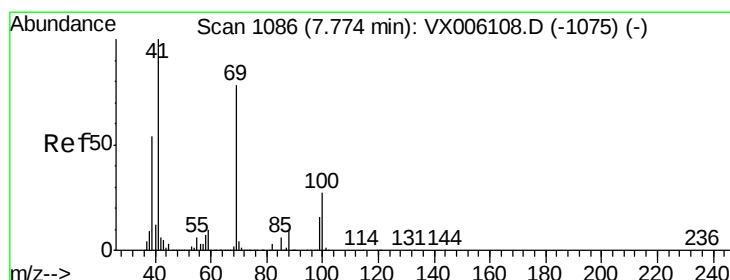
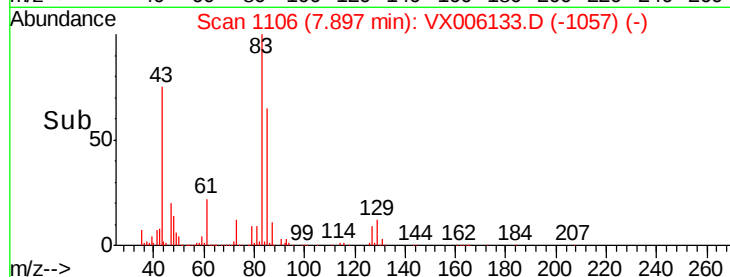
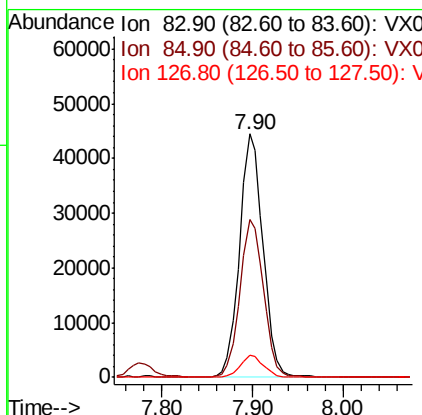
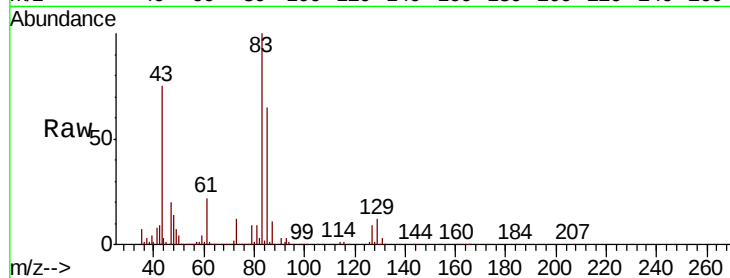
#47
Bromodichloromethane
Concen: 19.083 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX006133.D
Acq: 21 Nov 2018 19:39

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD01

Tot Ion	83	Resp	79649
Ion Ratio	Lower	Upper	
83	100		
85	64.3	50.4	75.6
127	9.3	7.0	10.4

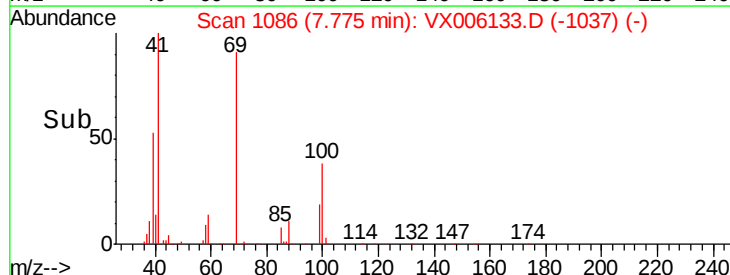
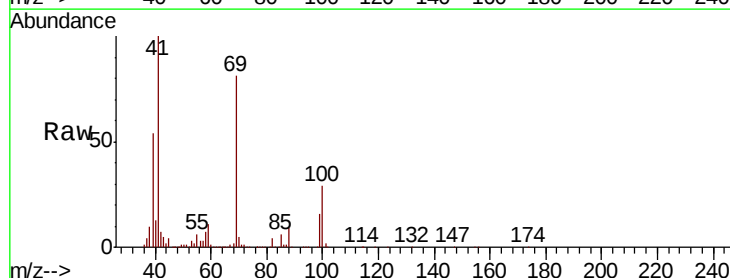
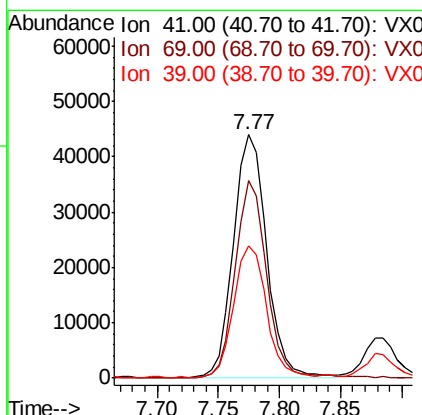
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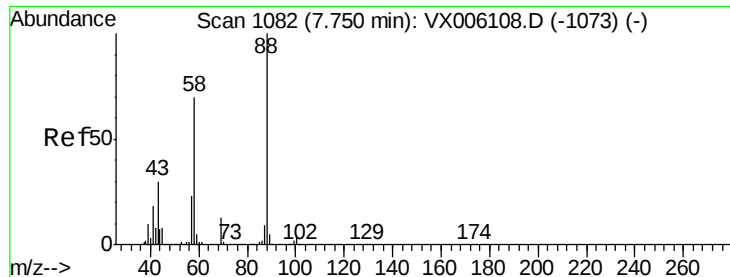
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#48
Methyl methacrylate
Concen: 20.765 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. 0.00 min
Lab File: VX006133.D
Acq: 21 Nov 2018 19:39

Tgt Ion	41	Resp	82700
Ion Ratio	Lower	Upper	
41	100		
69	77.0	62.8	94.2
39	53.5	43.8	65.6





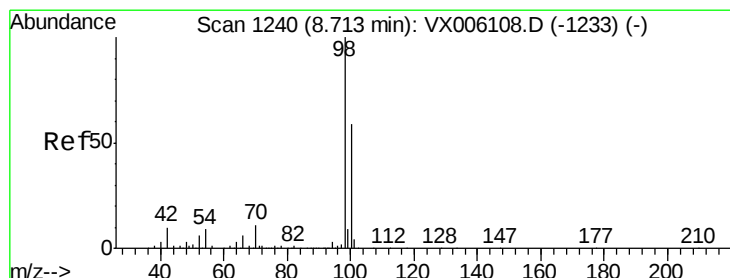
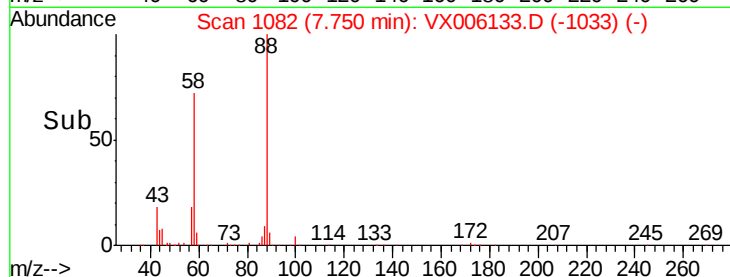
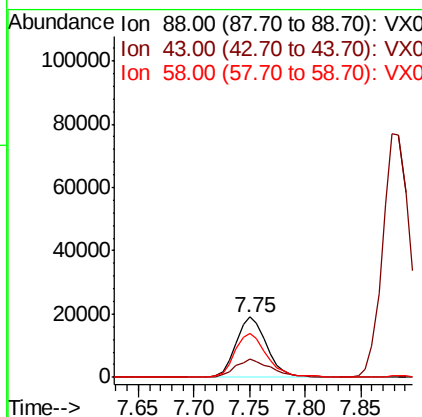
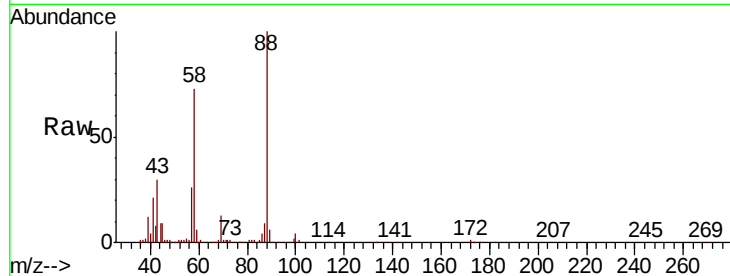
#49
1,4-Dioxane
Concen: 387.432 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006133.D
Acq: 21 Nov 2018 19:39

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.1	26.7	40.1
58	76.4	58.5	87.7

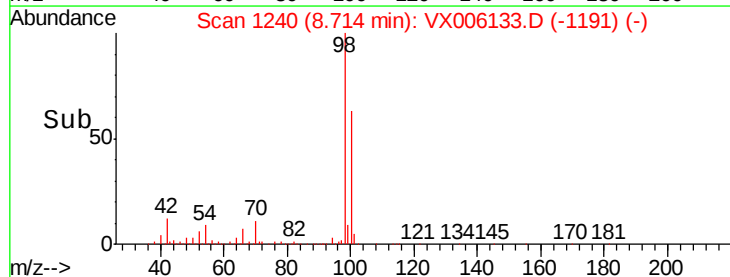
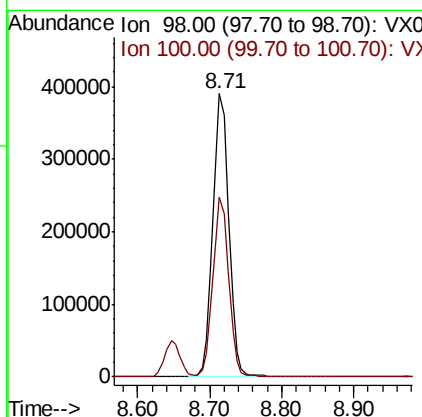
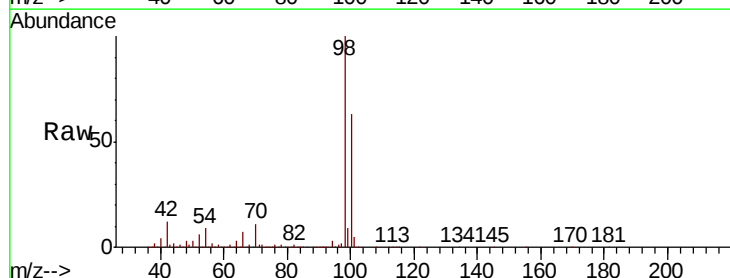
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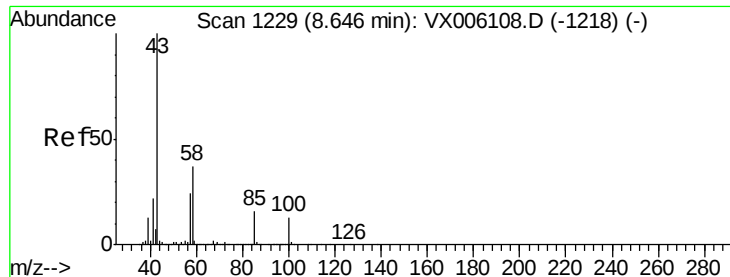
MMDadoda
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#50
Toluene-d8
Concen: 52.890 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006133.D
Acq: 21 Nov 2018 19:39

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.2	51.0	76.4





#51

4-Methyl-2-Pentanone

Concen: 100.492 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006133.D

Acq: 21 Nov 2018 19:39

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBSD01

Tot Ion: 43 Resp: 565730

Ion Ratio Lower Upper

43 100

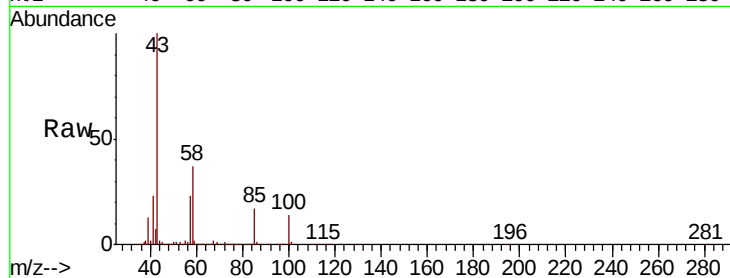
58 37.0 29.9 44.9

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

400000

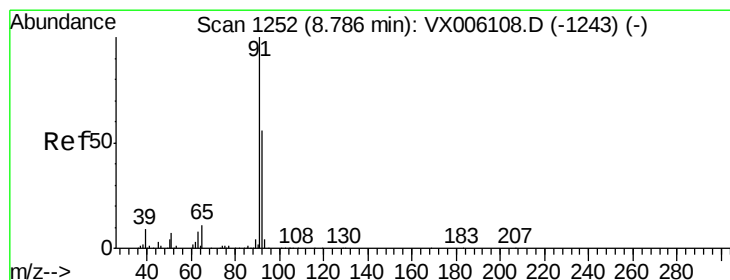
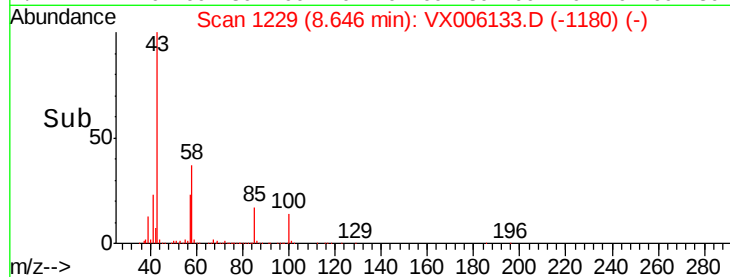
300000

200000

100000

0

Time--> 8.55 8.60 8.65 8.70



#52

Toluene

Concen: 20.081 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006133.D

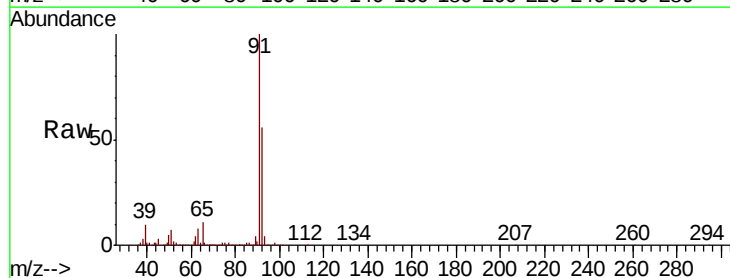
Acq: 21 Nov 2018 19:39

Tgt Ion: 92 Resp: 154659

Ion Ratio Lower Upper

92 100

91 178.7 142.5 213.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

200000

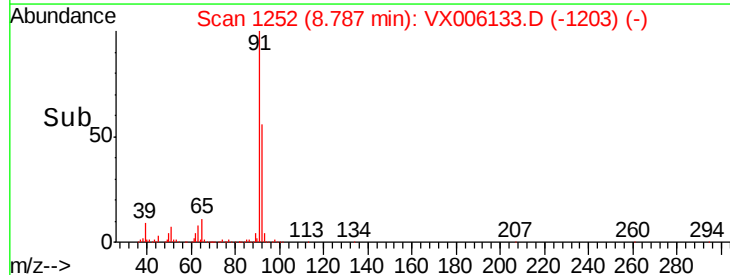
150000

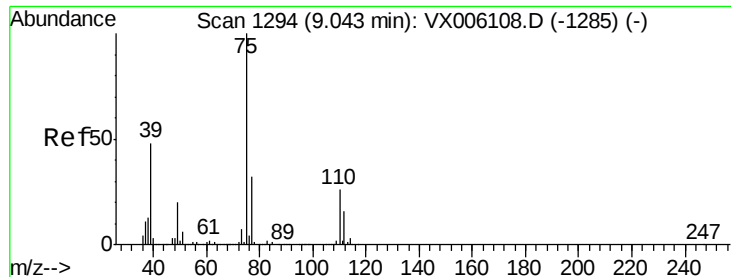
100000

50000

0

Time--> 8.70 8.75 8.80 8.85 8.90





#53

t-1,3-Dichloropropene

Concen: 18.847 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX006133.D

Acq: 21 Nov 2018 19:39

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBSD01

Tot Ion: 75 Resp: 82091

Ion Ratio Lower Upper

75 100

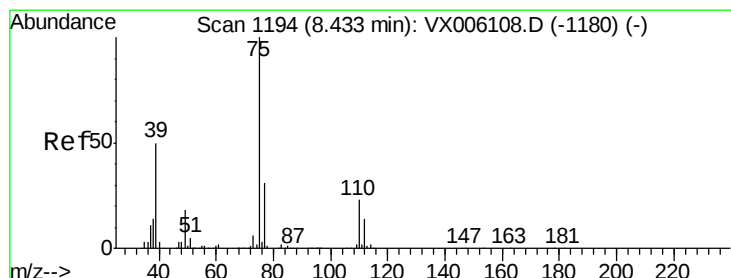
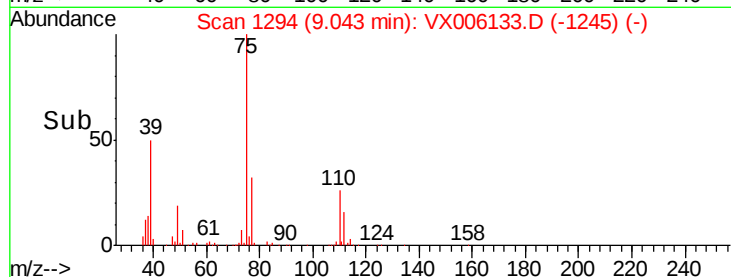
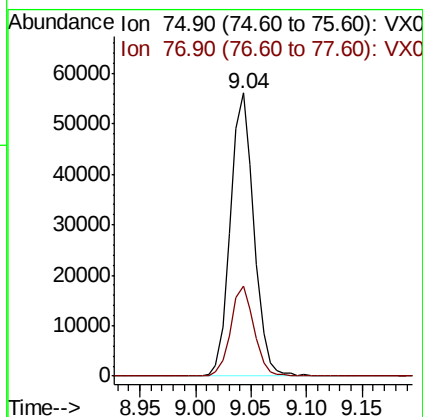
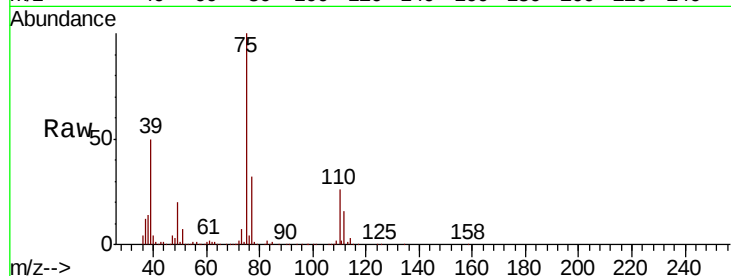
77 31.8 25.7 38.5

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#54

cis-1,3-Dichloropropene

Concen: 19.398 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX006133.D

Acq: 21 Nov 2018 19:39

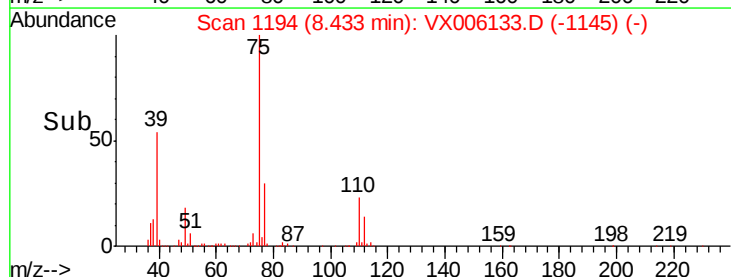
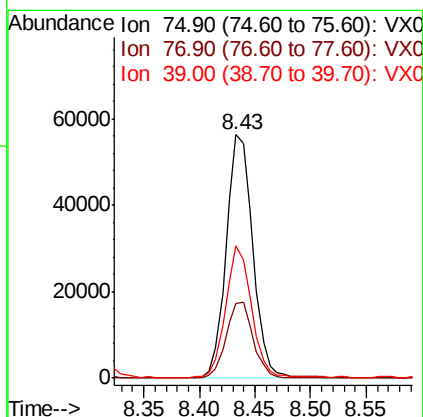
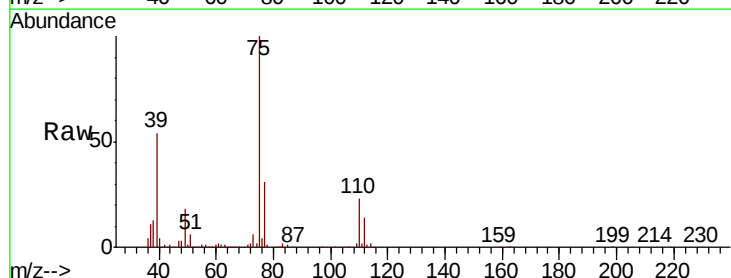
Tgt Ion: 75 Resp: 93402

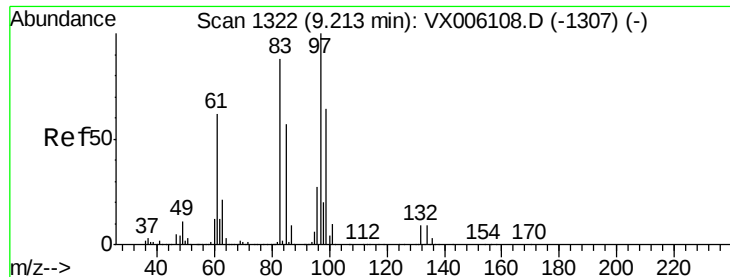
Ion Ratio Lower Upper

75 100

77 30.4 24.7 37.1

39 53.9 40.3 60.5





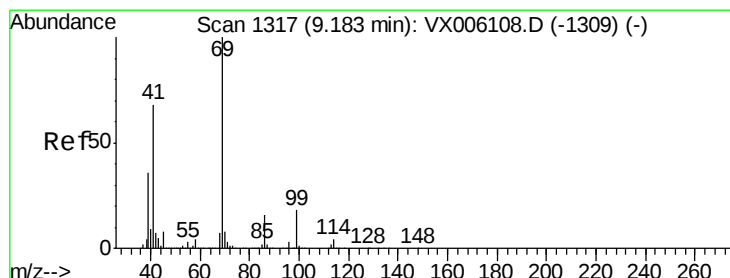
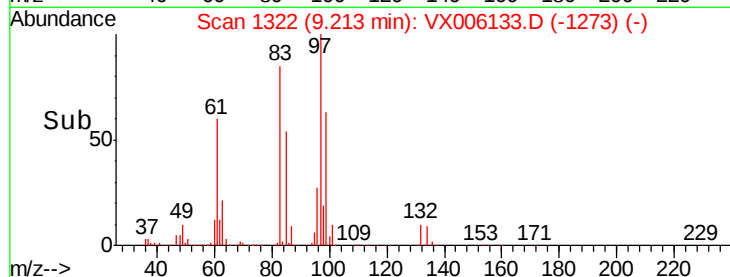
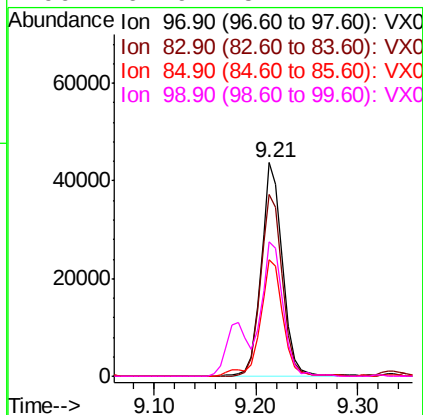
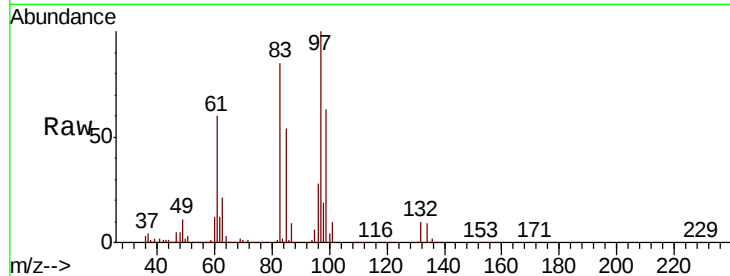
#55
 1,1,2-Trichloroethane
 Concen: 19.150 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX006133.D
 Acq: 21 Nov 2018 19:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBSD01

Tot Ion:	97	Resp:	63875
Ion	Ratio	Lower	Upper
97	100		
83	85.1	70.7	106.1
85	54.2	45.7	68.5
99	62.9	51.4	77.2

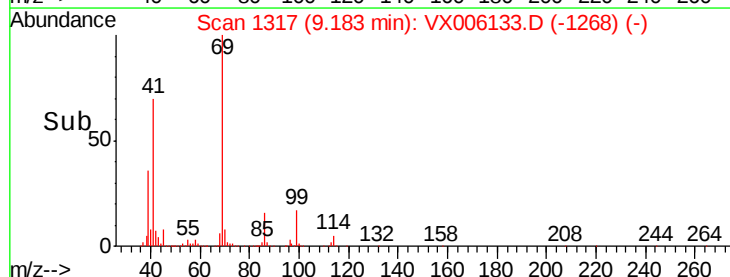
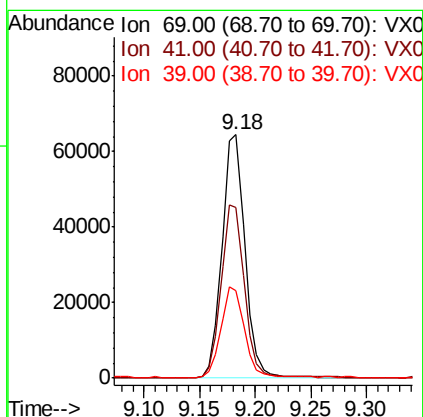
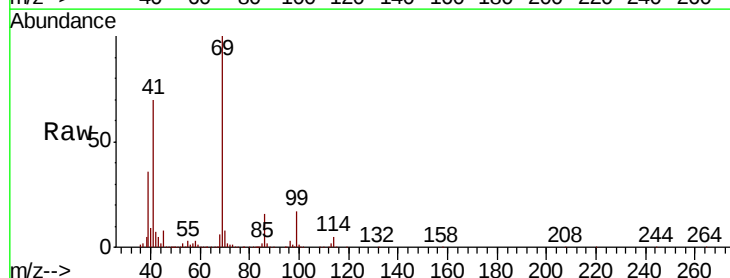
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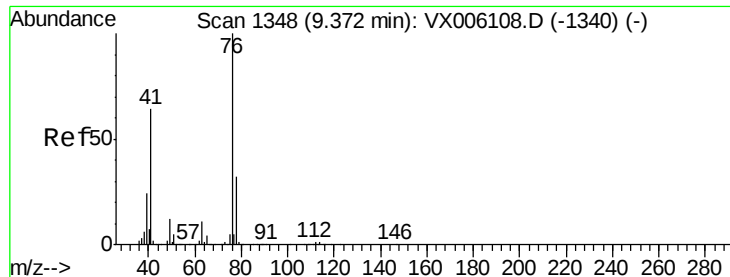
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#56
 Ethyl methacrylate
 Concen: 19.688 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX006133.D
 Acq: 21 Nov 2018 19:39

Tgt Ion:	69	Resp:	92692
Ion	Ratio	Lower	Upper
69	100		
41	72.1	56.2	84.4
39	37.5	29.4	44.0





#57

1,3-Dichloropropane

Concen: 19.521 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006133.D

Acq: 21 Nov 2018 19:39

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBSD01

Tot Ion: 76 Resp: 107329

Ion Ratio Lower Upper

76 100

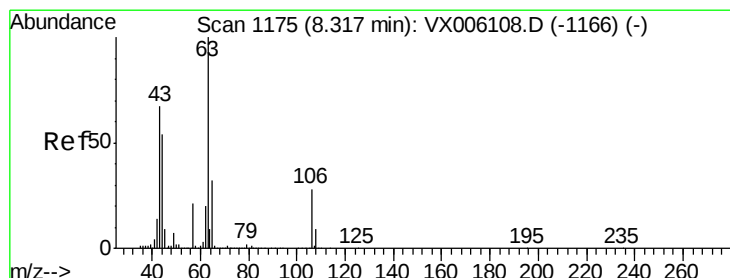
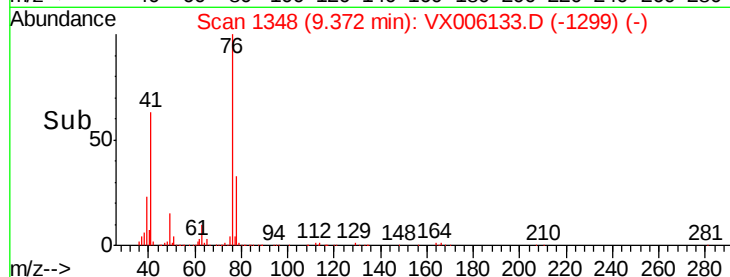
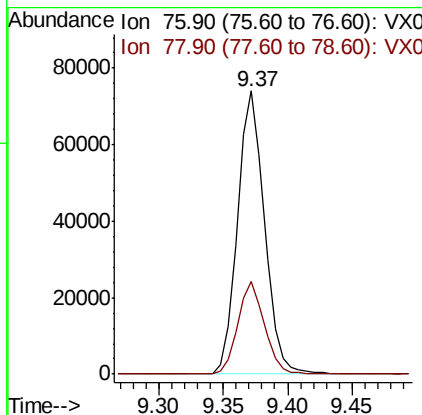
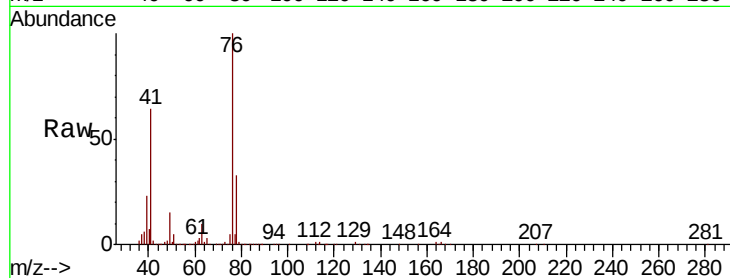
78 32.7 25.7 38.5

Manual Integrations

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11/26/2018 10:52:36 AM



#58

2-Chloroethyl Vinyl ether

Concen: 98.827 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.01 min

Lab File: VX006133.D

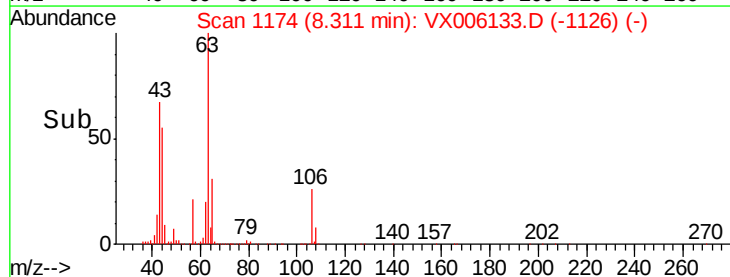
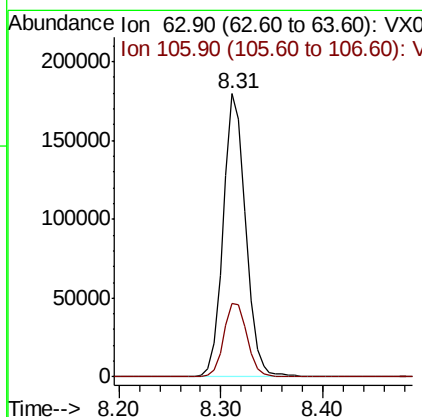
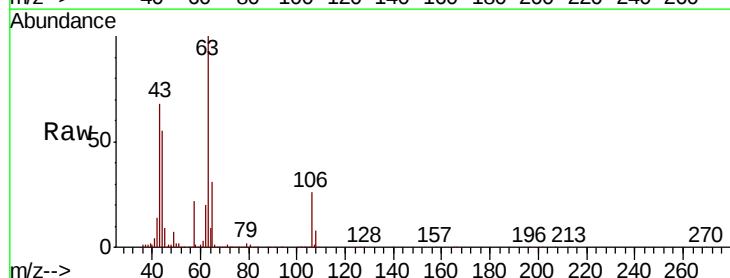
Acq: 21 Nov 2018 19:39

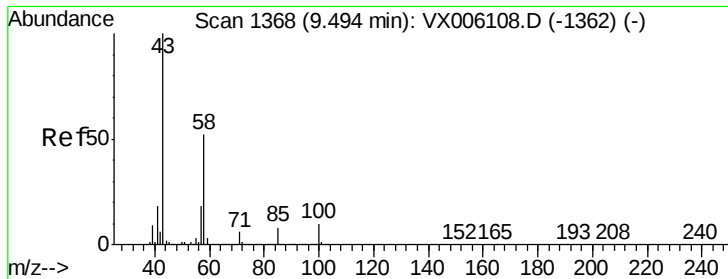
Tgt Ion: 63 Resp: 274380

Ion Ratio Lower Upper

63 100

106 27.1 21.7 32.5





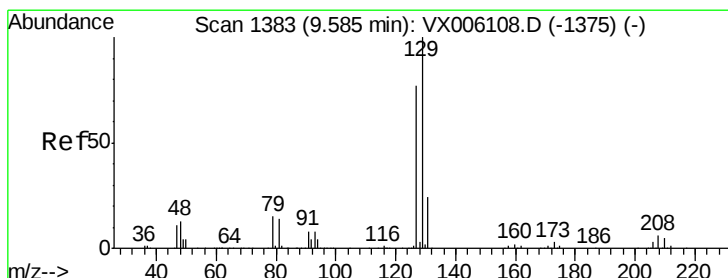
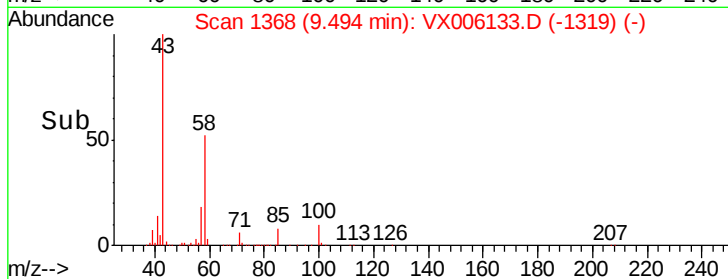
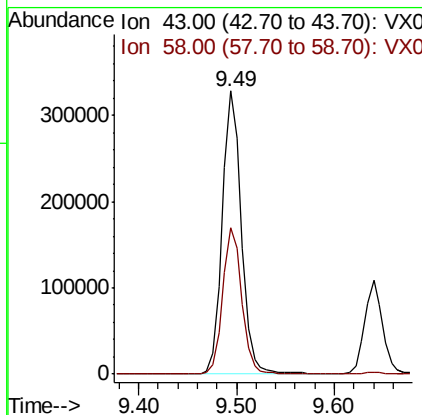
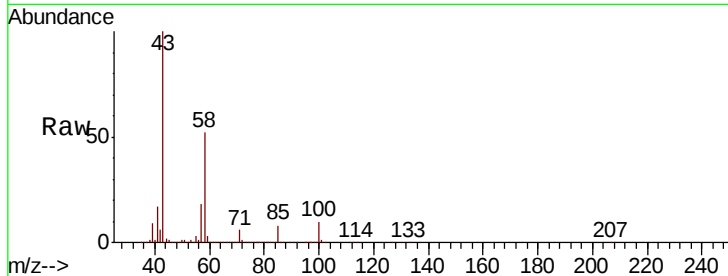
#59
2-Hexanone
Concen: 99.490 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006133.D
Acq: 21 Nov 2018 19:39

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD01

Tot Ion: 43 Resp: 444495
Ion Ratio Lower Upper
43 100
58 52.0 26.3 78.9

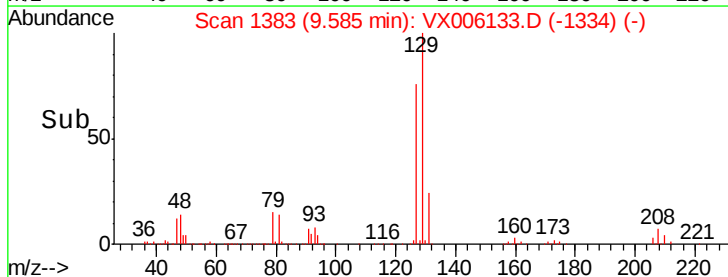
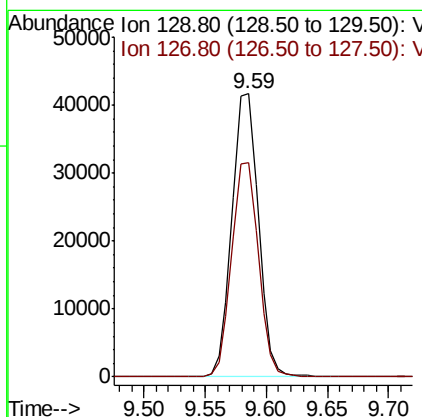
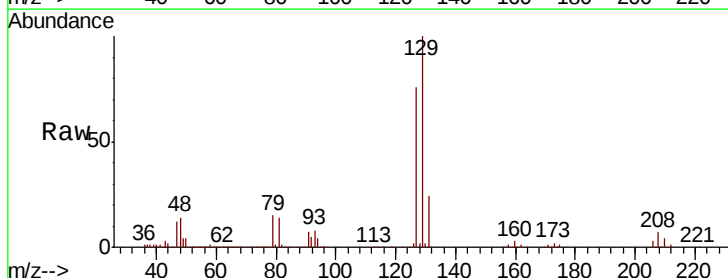
Manual Integrations
APPROVED

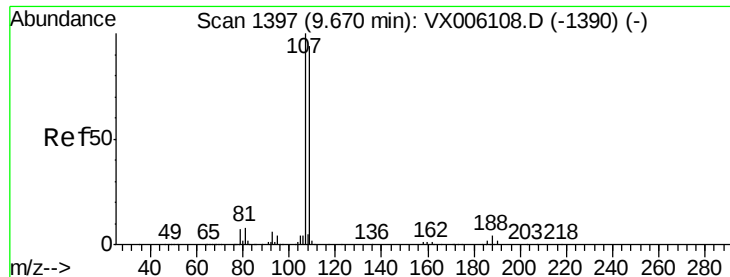
MMDadoda
11/26/2018 10:52:36 AM



#60
Dibromochloromethane
Concen: 19.161 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006133.D
Acq: 21 Nov 2018 19:39

Tgt Ion: 129 Resp: 62660
Ion Ratio Lower Upper
129 100
127 76.6 39.1 117.5





#61

1,2-Dibromoethane

Concen: 19.520 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006133.D

Acq: 21 Nov 2018 19:39

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBSD01

Tot Ion: 107 Resp: 67077

Ion Ratio Lower Upper

107 100

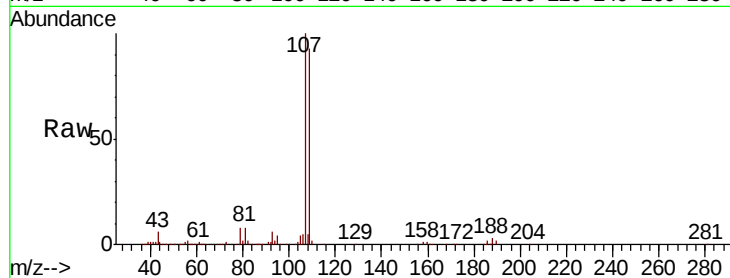
109 96.0 75.7 113.5

Manual Integrations

APPROVED

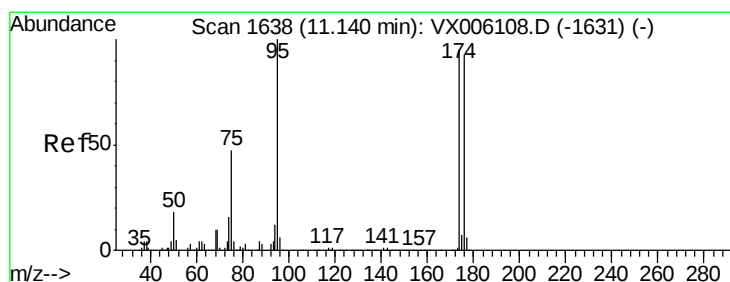
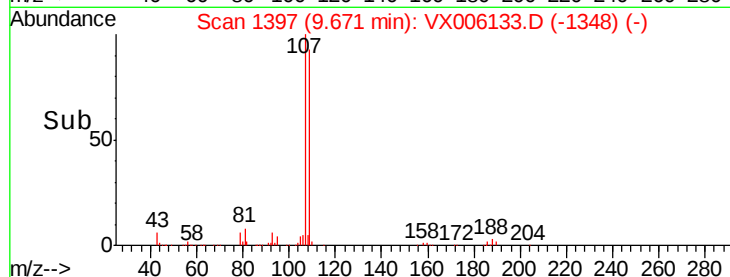
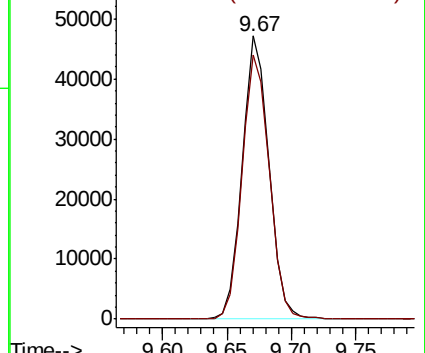
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.432 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX006133.D

Acq: 21 Nov 2018 19:39

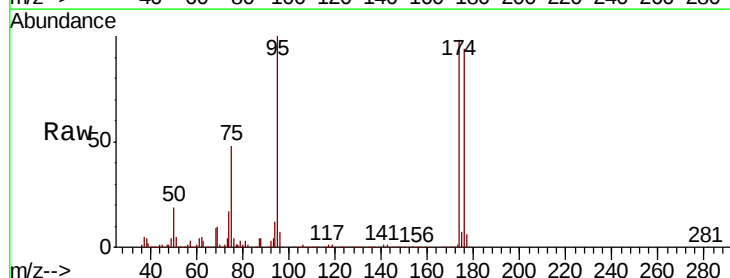
Tgt Ion: 95 Resp: 219496

Ion Ratio Lower Upper

95 100

174 91.7 0.0 184.4

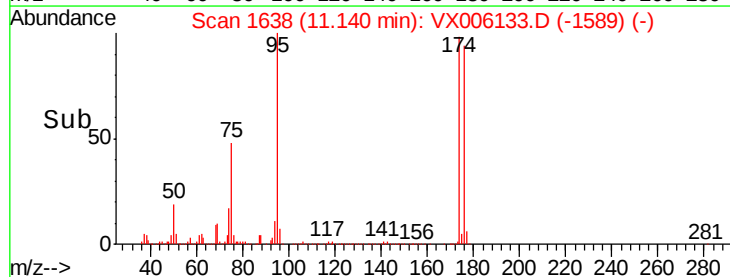
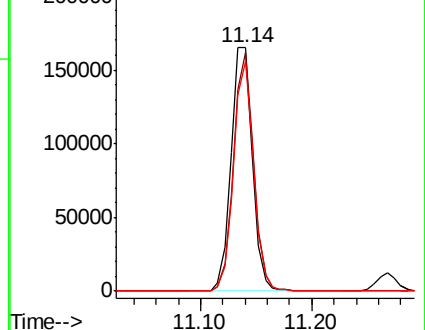
176 88.1 0.0 179.0

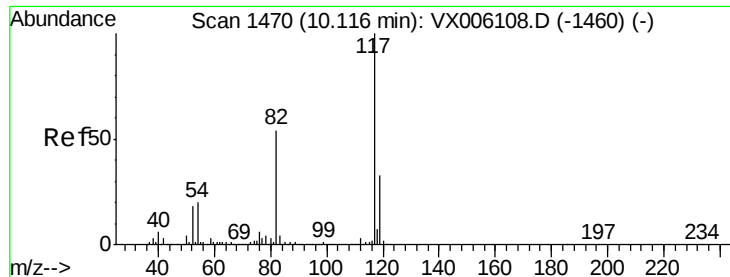


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





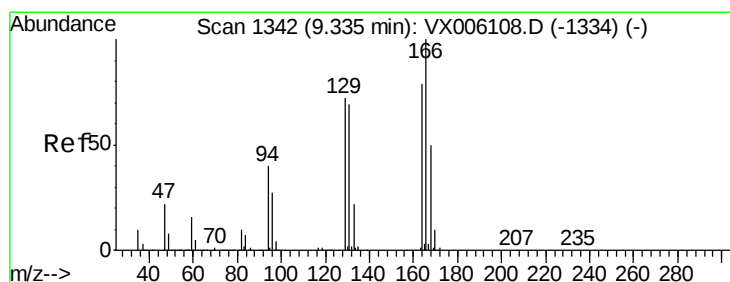
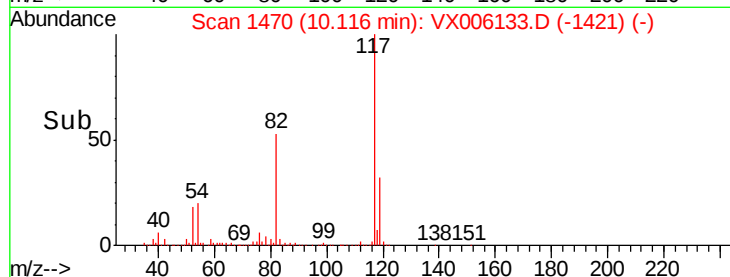
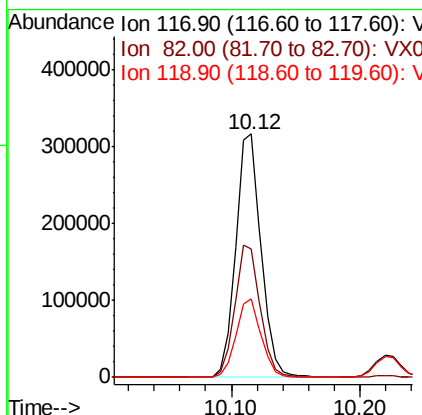
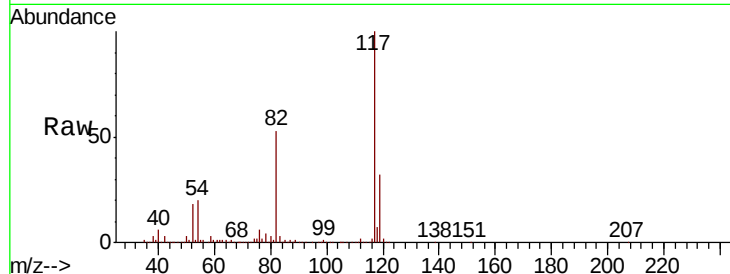
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006133.D
Acq: 21 Nov 2018 19:39

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.9	43.0	64.4
119	32.2	26.1	39.1

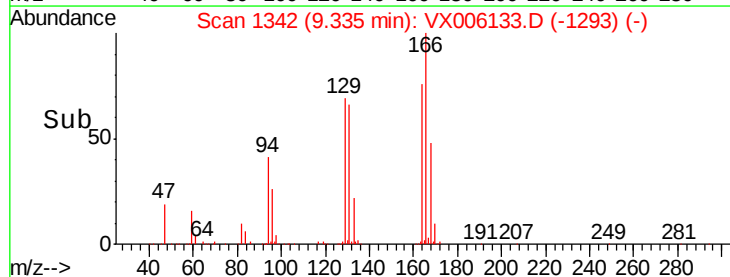
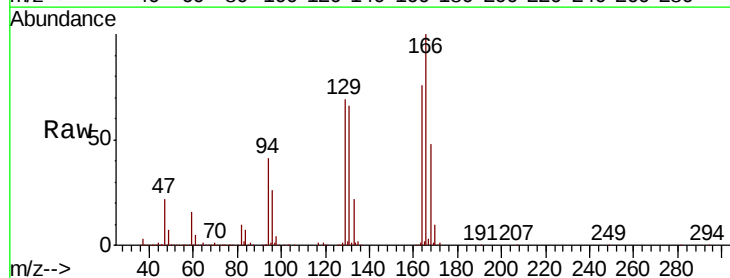
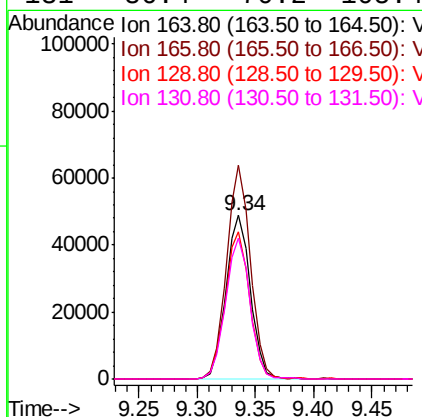
Manual Integrations
APPROVED

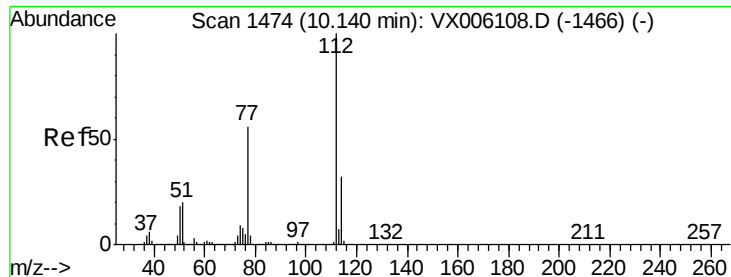
MMDadoda
11/26/2018 10:52:36 AM



#64
Tetrachloroethene
Concen: 20.044 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006133.D
Acq: 21 Nov 2018 19:39

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.8	101.5	152.3
129	89.9	73.4	110.0
131	86.4	70.2	105.4





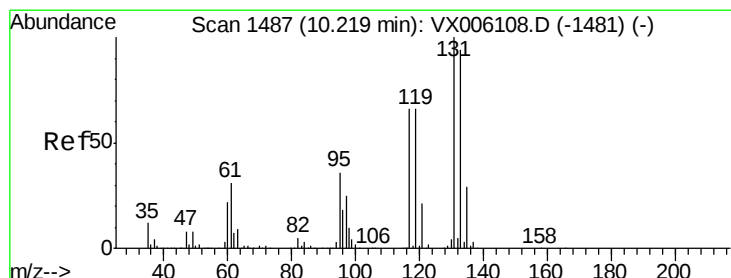
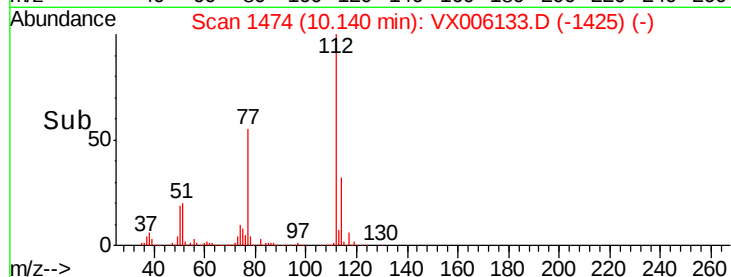
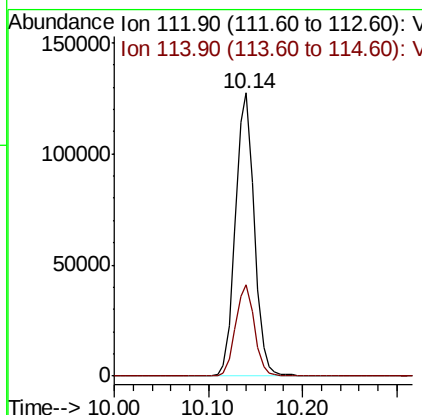
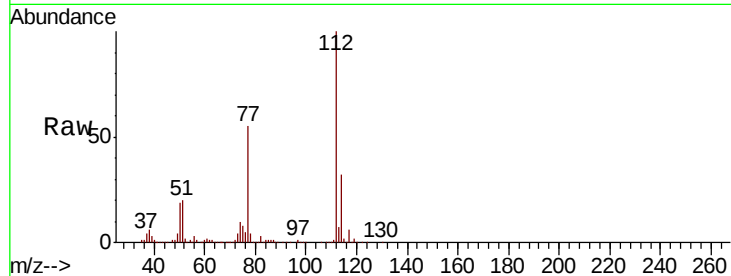
#65
Chlorobenzene
Concen: 19.965 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX006133.D
Acq: 21 Nov 2018 19:39

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.3	25.6	38.4

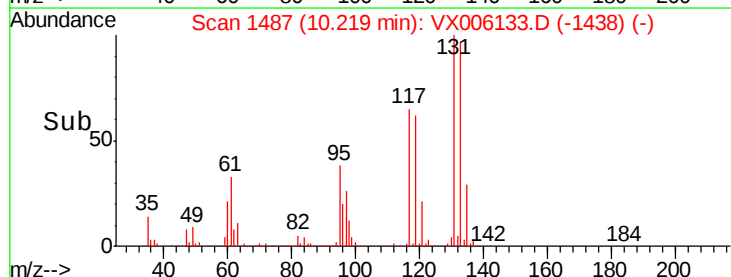
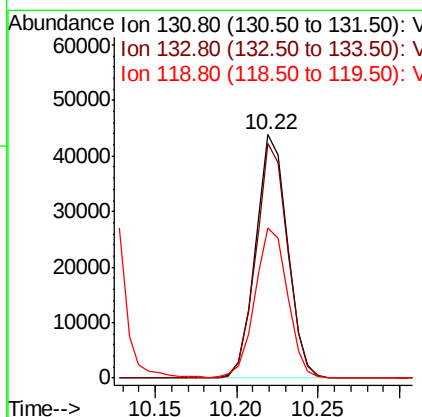
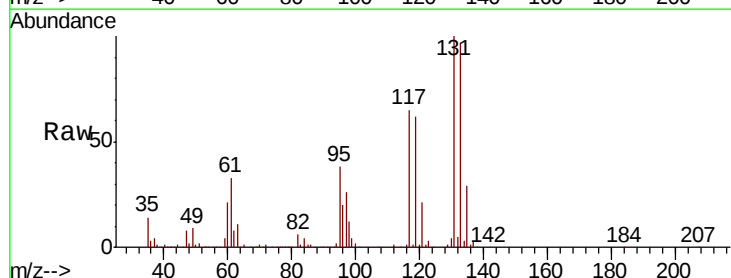
Manual Integrations
APPROVED

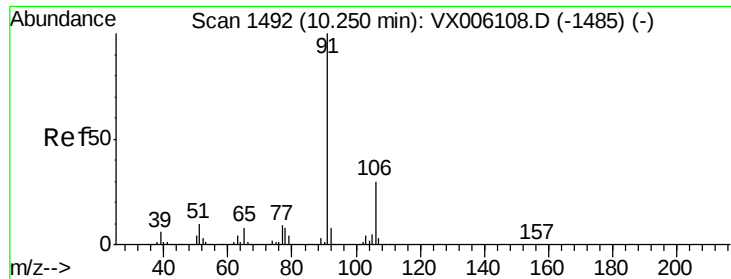
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.621 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX006133.D
Acq: 21 Nov 2018 19:39

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.5	48.0	144.2
119	63.6	32.6	97.8





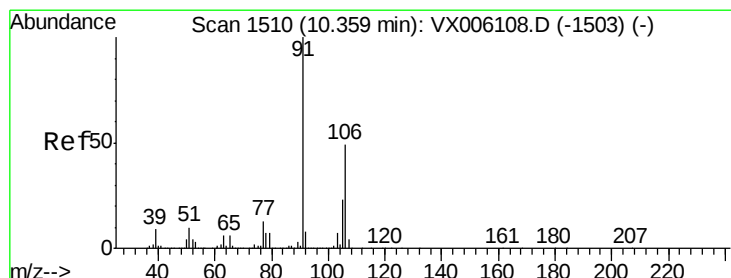
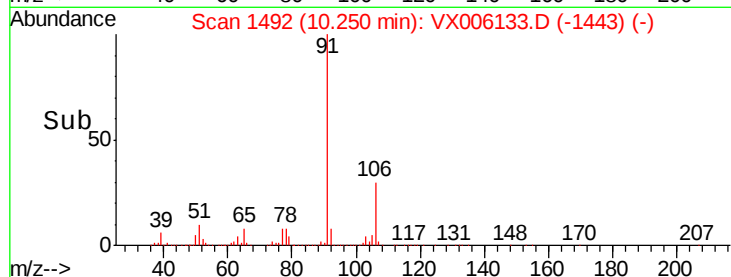
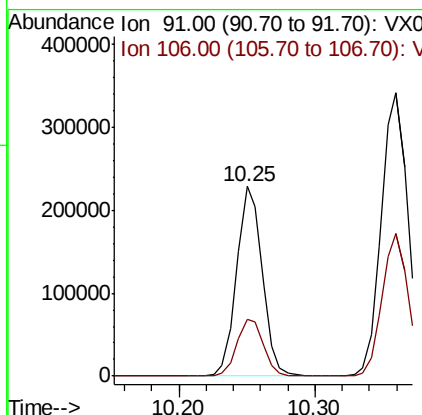
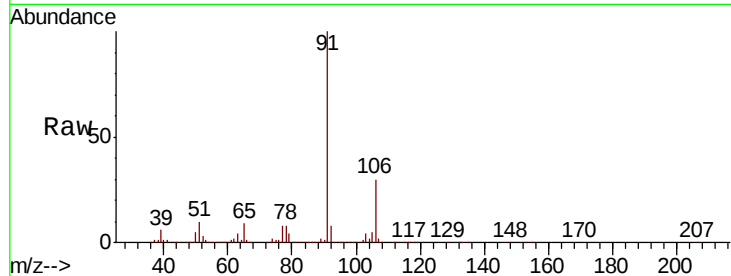
#67
Ethyl Benzene
Concen: 20.658 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX006133.D
Acq: 21 Nov 2018 19:39

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		299801		
106	30.0	24.4	36.6		

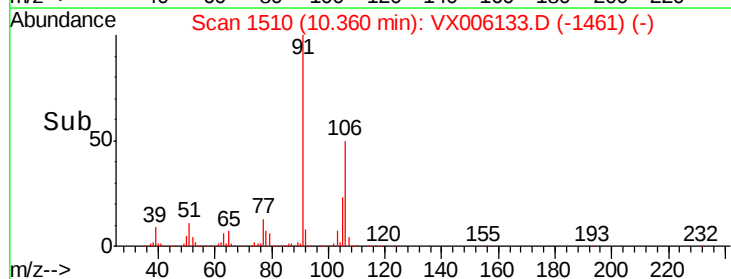
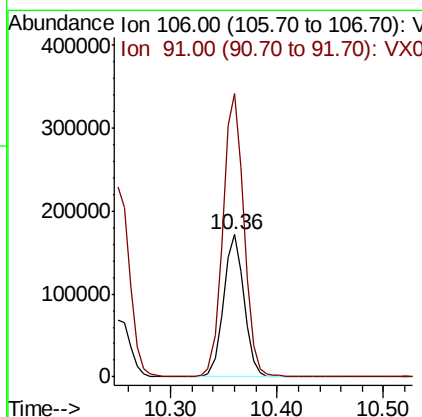
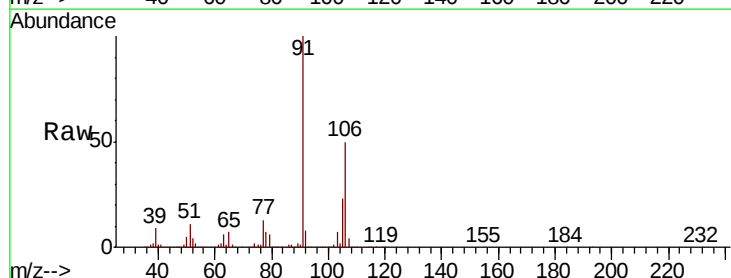
Manual Integrations
APPROVED

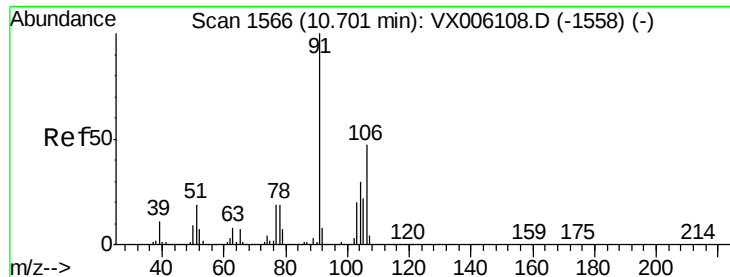
MMDadoda
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#68
m/p-Xylenes
Concen: 40.872 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX006133.D
Acq: 21 Nov 2018 19:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100		230971		
91	204.5	162.0	243.0		





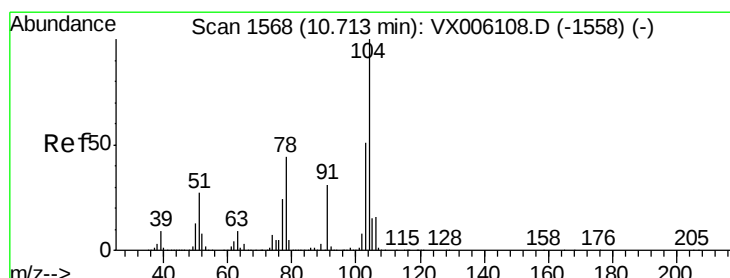
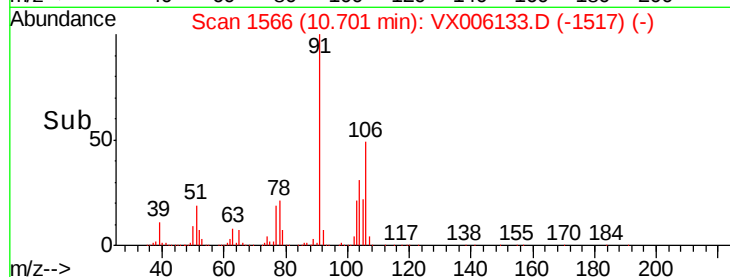
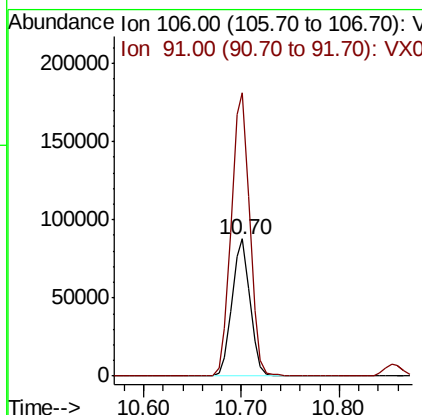
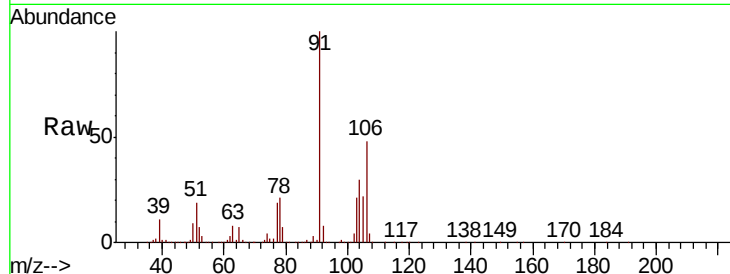
#69
o-Xylene
Concen: 20.883 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006133.D
Acq: 21 Nov 2018 19:39

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	210.5	107.4	322.2	

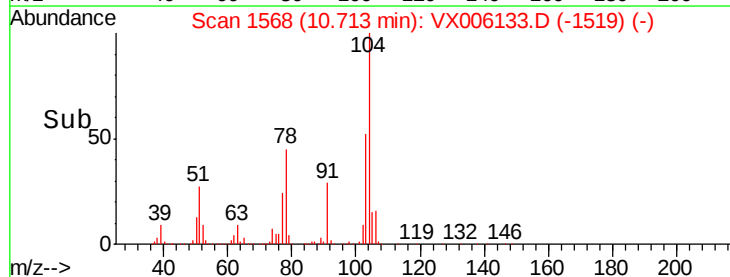
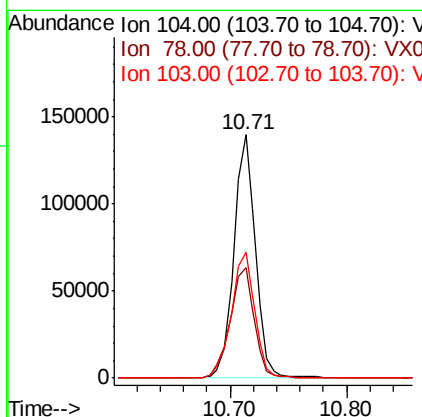
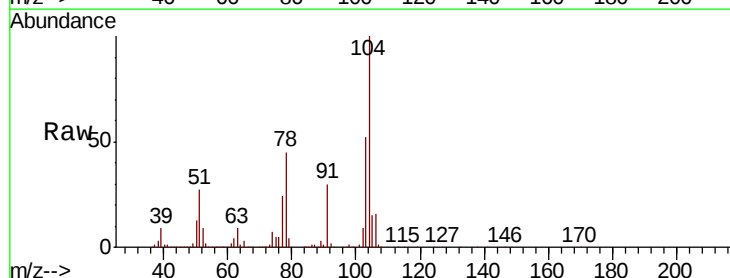
Manual Integrations
APPROVED

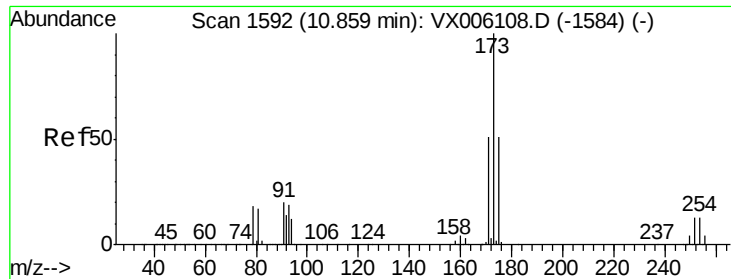
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#70
Styrene
Concen: 20.492 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006133.D
Acq: 21 Nov 2018 19:39

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	50.9	39.4	59.2	
103	56.6	44.6	67.0	





#71

Bromoform

Concen: 18.304 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006133.D

Acq: 21 Nov 2018 19:39

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBSD01

Tot Ion:173 Resp: 49857

Ion Ratio Lower Upper

173 100

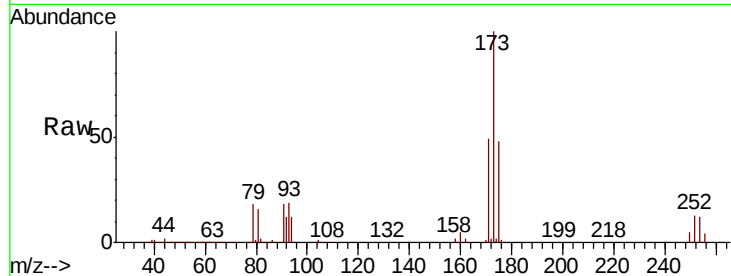
175 49.2 24.9 74.6

254 0.1 0.2 0.2#

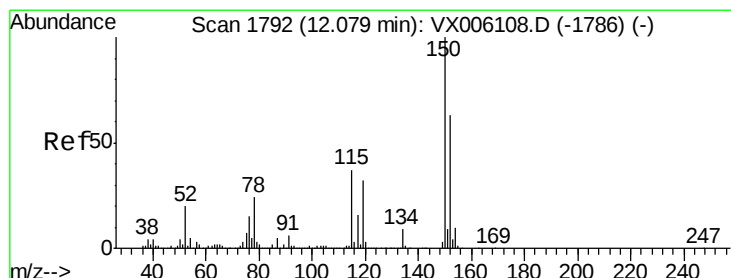
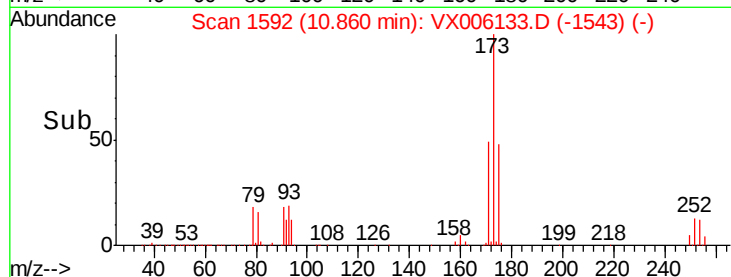
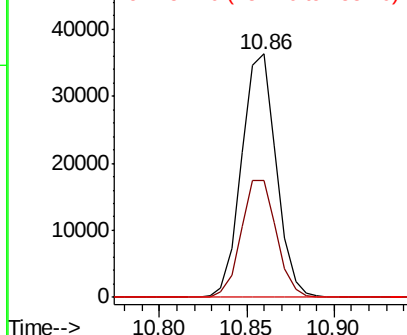
Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006133.D

Acq: 21 Nov 2018 19:39

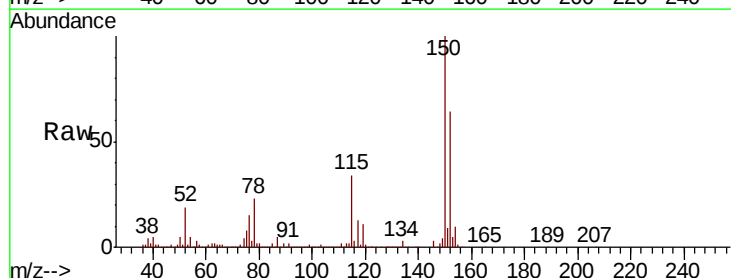
Tgt Ion:152 Resp: 233048

Ion Ratio Lower Upper

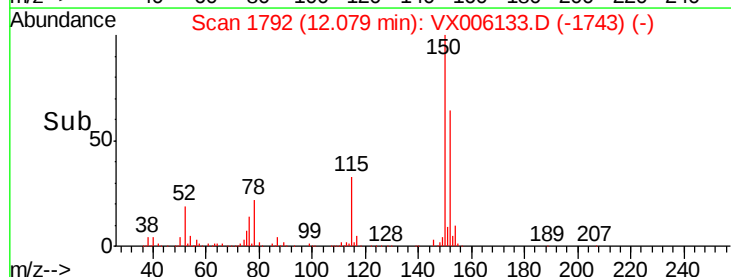
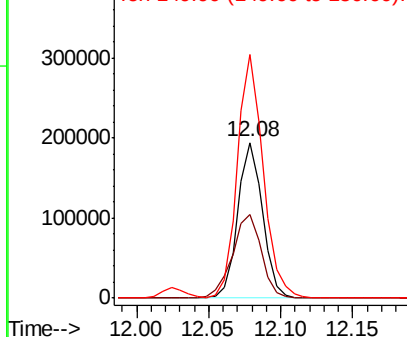
152 100

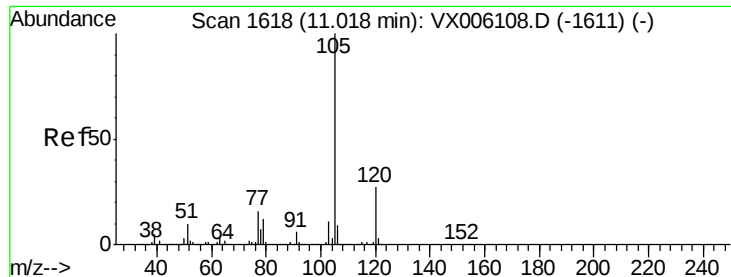
115 63.0 39.0 116.9

150 163.6 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: 21.439 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006133.D

Acq: 21 Nov 2018 19:39

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBSD01

Tot Ion: 105 Resp: 302298

Ion Ratio Lower Upper

105 100

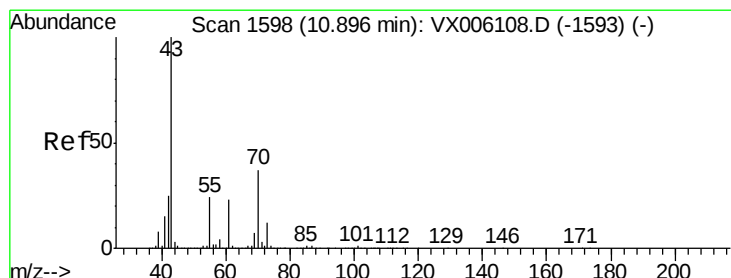
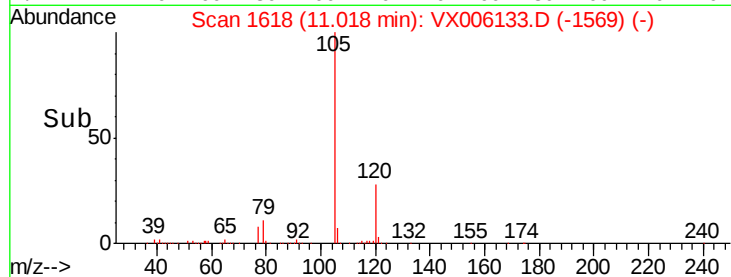
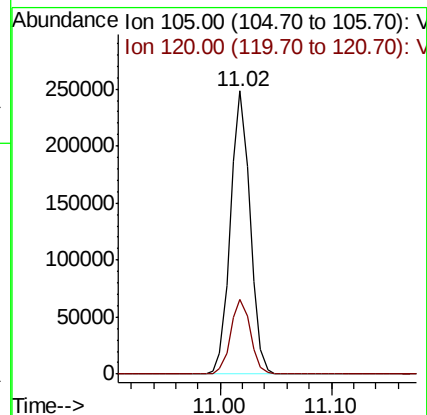
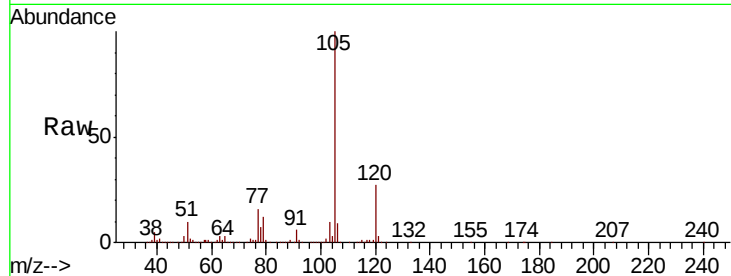
120 26.7 13.3 39.8

Manual Integrations

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#74

N-ethyl acetate

Concen: 19.319 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006133.D

Acq: 21 Nov 2018 19:39

Tgt Ion: 43 Resp: 128745

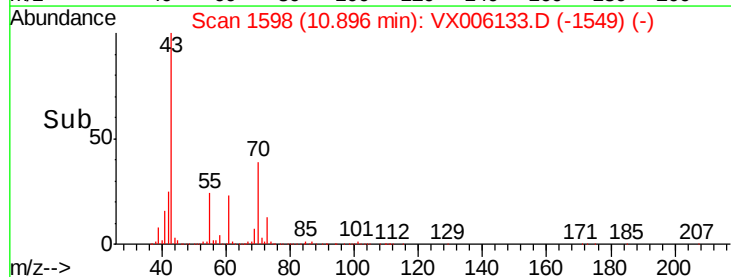
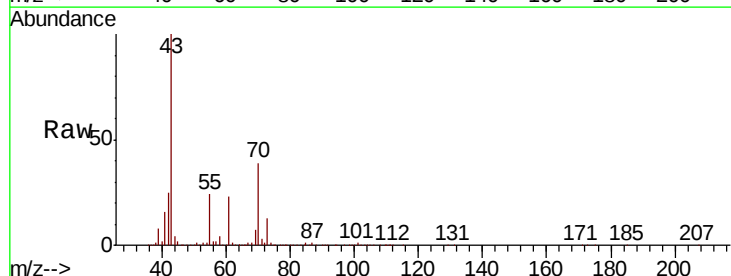
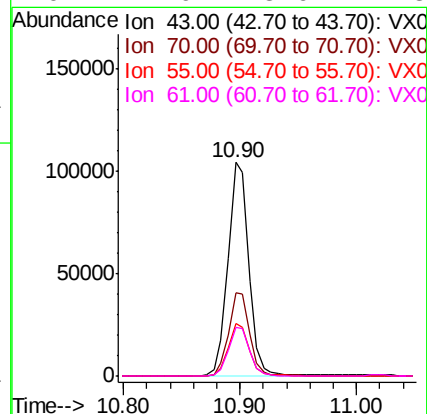
Ion Ratio Lower Upper

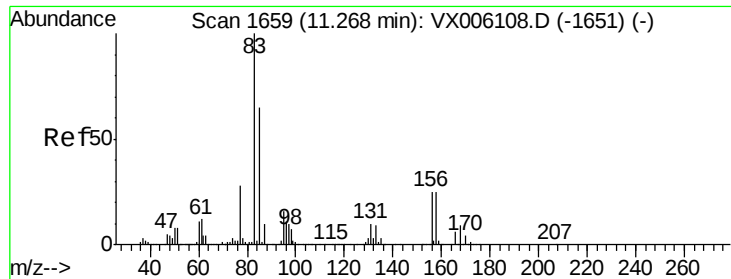
43 100

70 39.3 31.8 47.6

55 24.3 19.5 29.3

61 22.9 18.6 27.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.630 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006133.D

Acq: 21 Nov 2018 19:39

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBSD01

Tot Ion: 83 Resp: 104315
Ion Ratio Lower Upper

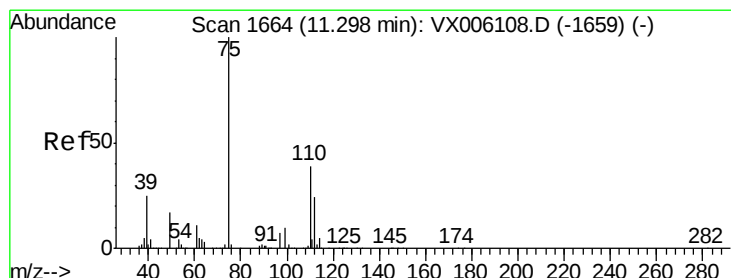
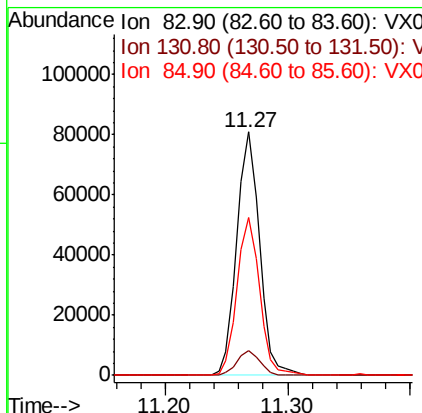
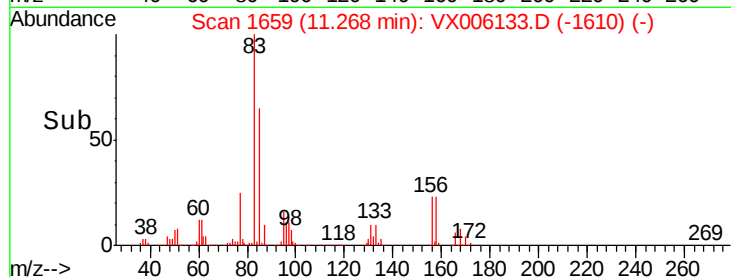
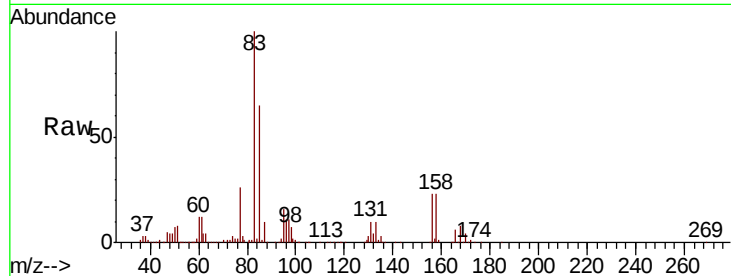
83 100

131 10.3 5.2 15.6

85 64.5 32.6 97.8

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#76

1,2,3-Trichloropropane

Concen: 20.744 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

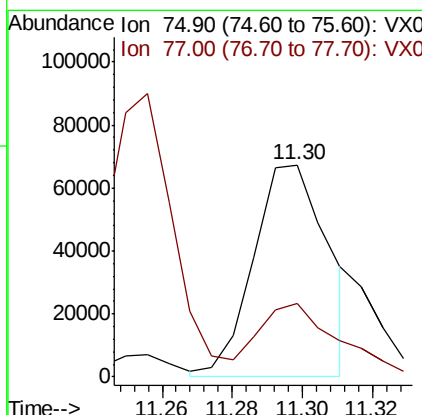
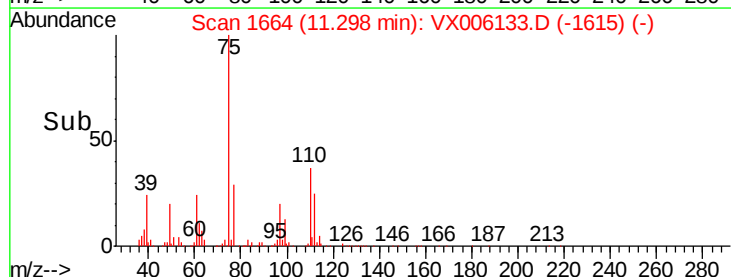
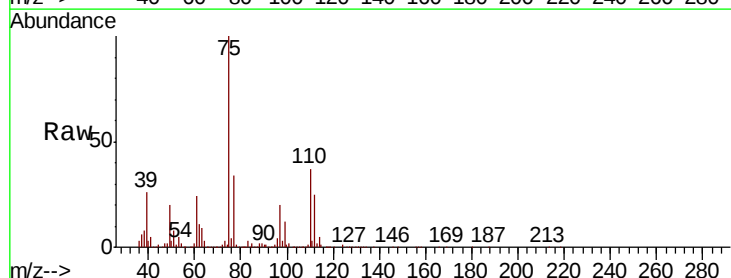
Lab File: VX006133.D

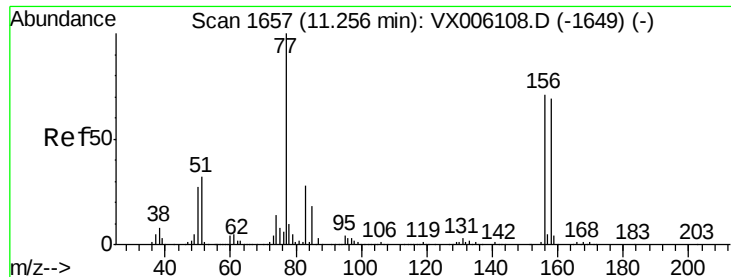
Acq: 21 Nov 2018 19:39

Tgt Ion: 75 Resp: 99527
Ion Ratio Lower Upper

75 100

77 36.8 19.6 58.7





#77

Bromobenzene

Concen: 20.532 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006133.D

Acq: 21 Nov 2018 19:39

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBSD01

Tot Ion:156 Resp: 81104

Ion Ratio Lower Upper

156 100

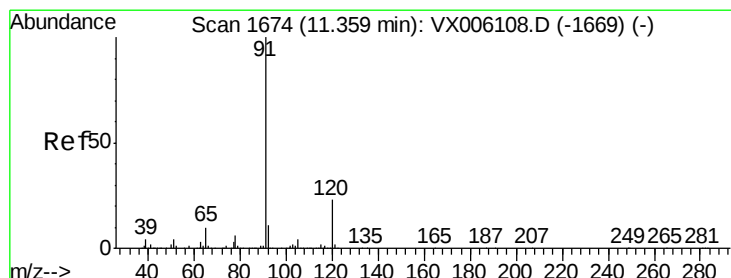
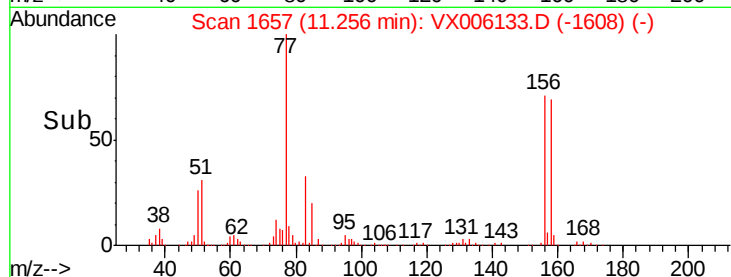
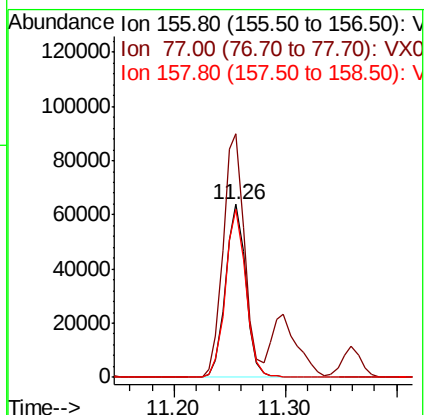
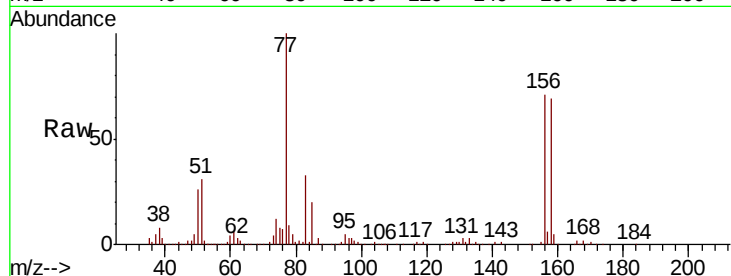
77 147.7 74.3 222.8

158 97.2 49.0 147.0

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#78

n-propylbenzene

Concen: 21.136 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006133.D

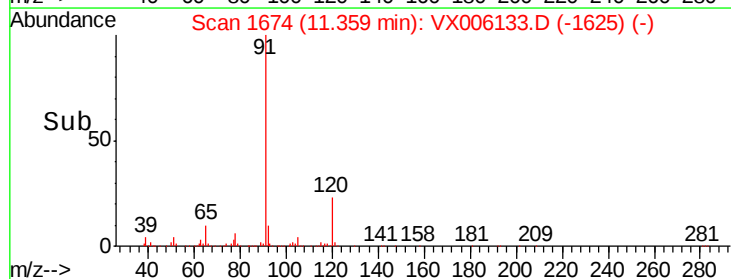
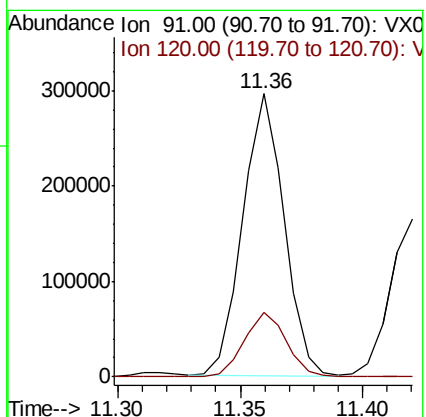
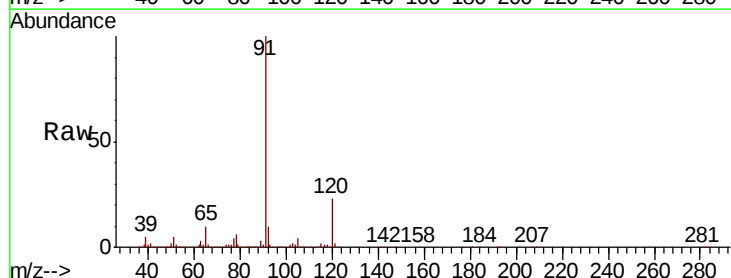
Acq: 21 Nov 2018 19:39

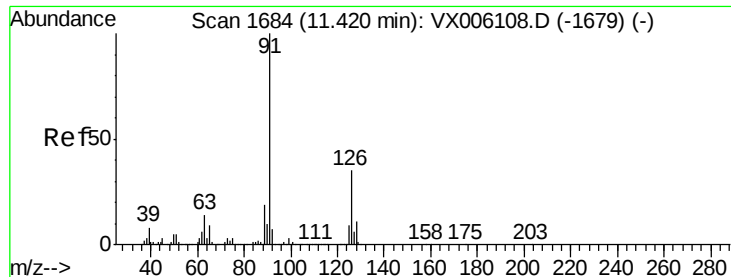
Tgt Ion: 91 Resp: 347086

Ion Ratio Lower Upper

91 100

120 23.5 11.8 35.3





#79

2-Chlorotoluene

Concen: 20.856 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006133.D

Acq: 21 Nov 2018 19:39

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBSD01

Tot Ion: 91 Resp: 207195

Ion Ratio Lower Upper

91 100

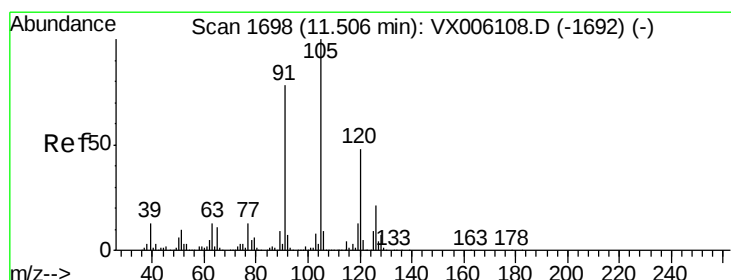
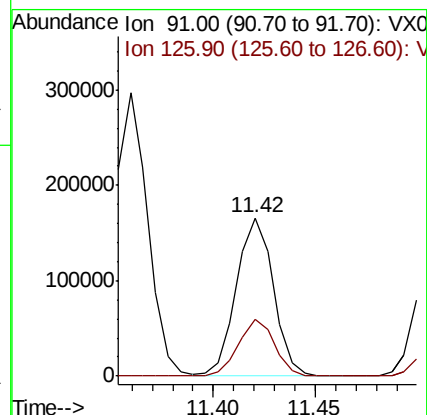
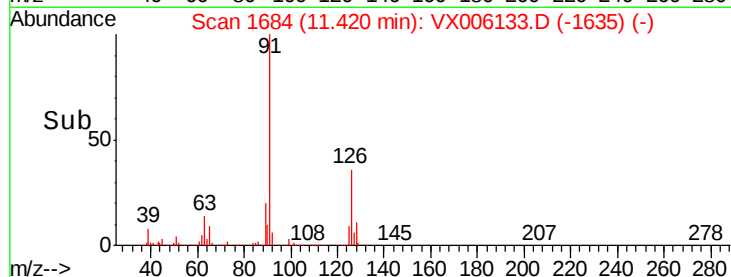
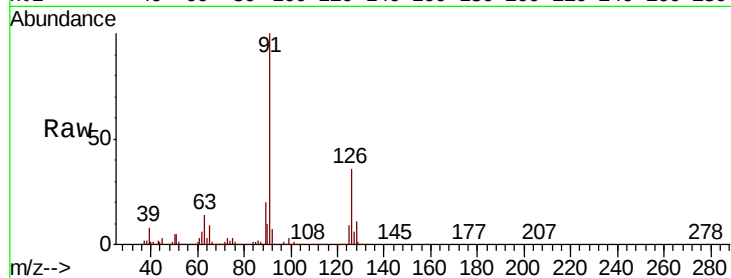
126 35.2 17.6 52.9

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 21.055 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006133.D

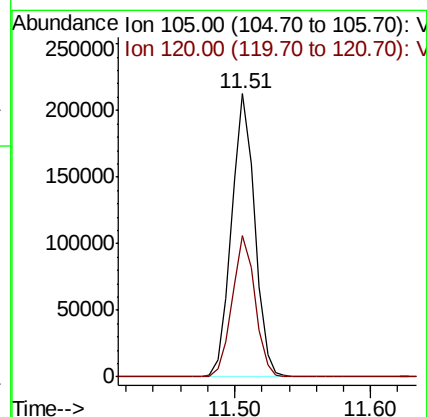
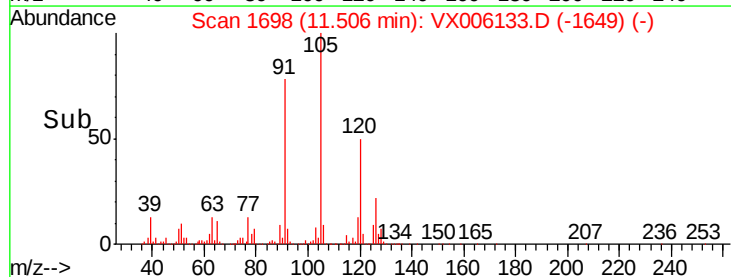
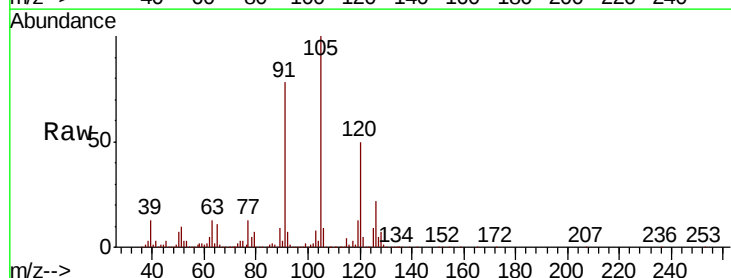
Acq: 21 Nov 2018 19:39

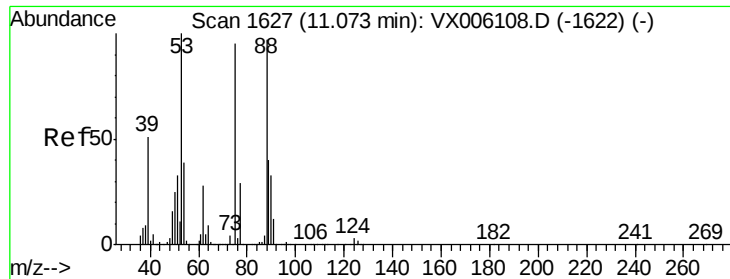
Tgt Ion: 105 Resp: 250310

Ion Ratio Lower Upper

105 100

120 49.4 24.3 73.0





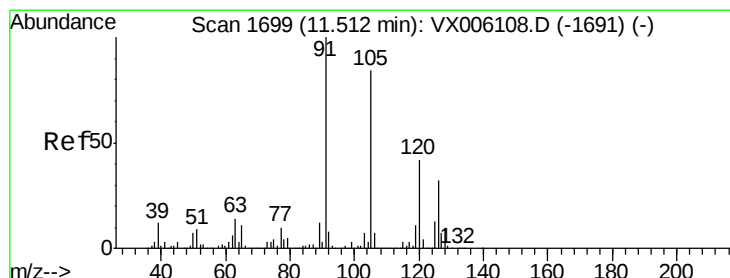
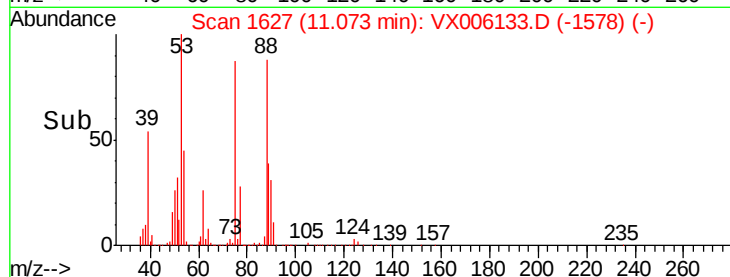
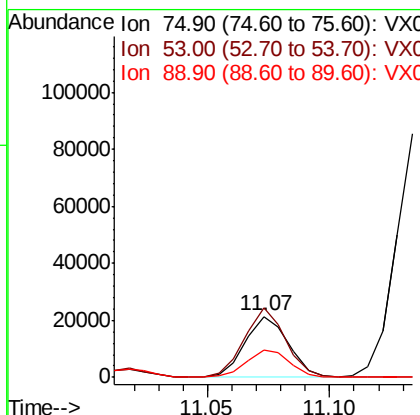
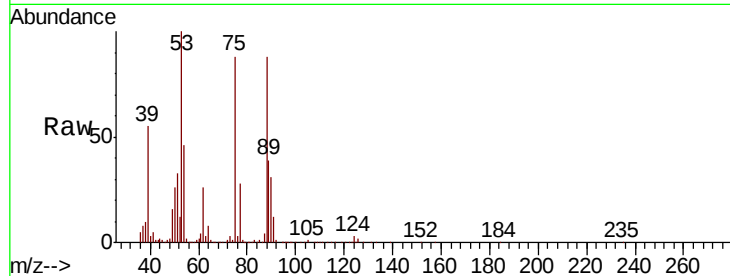
#81
trans-1,4-Dichloro-2-butene
Concen: 18.253 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX006133.D
Acq: 21 Nov 2018 19:39

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	110.3	85.3	127.9
89	45.6	37.2	55.8

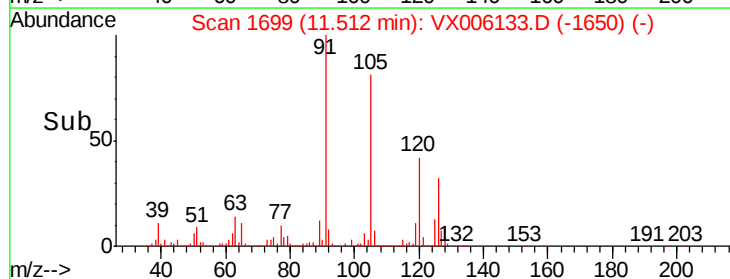
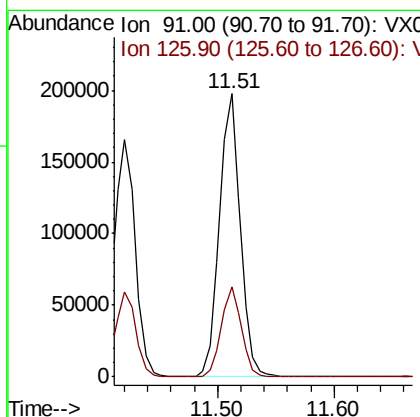
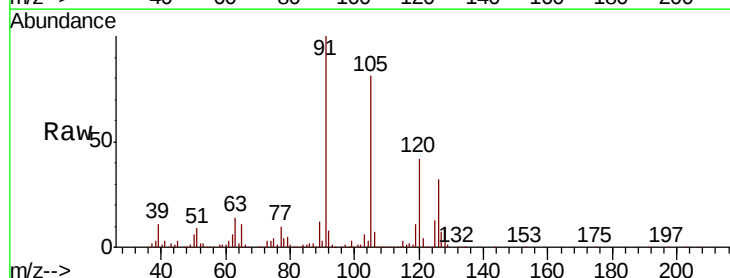
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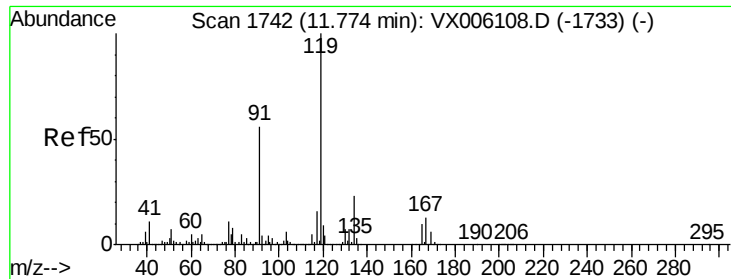
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#82
4-Chlorotoluene
Concen: 20.995 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX006133.D
Acq: 21 Nov 2018 19:39

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.6	15.3	45.9





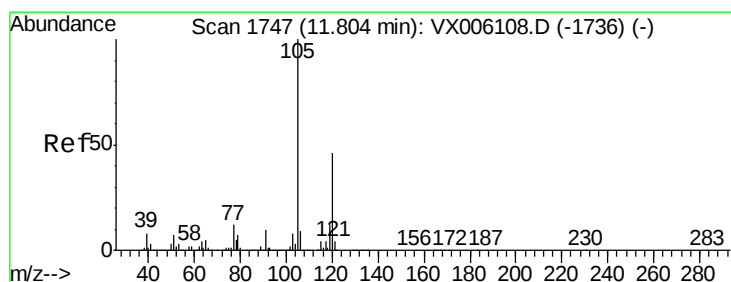
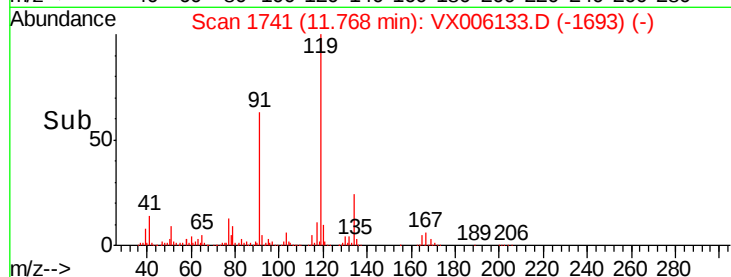
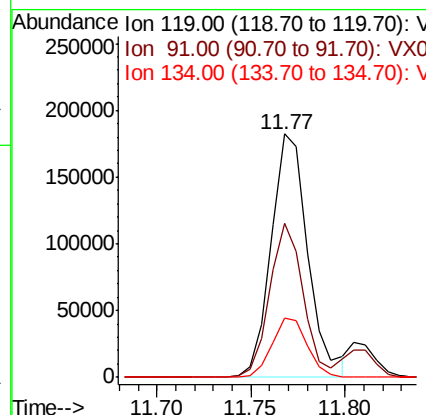
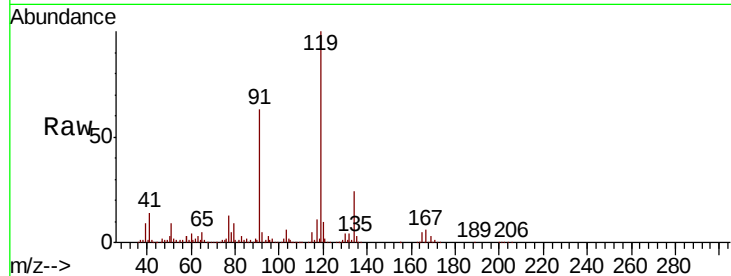
#83
tert-Butylbenzene
Concen: 21.237 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.01 min
Lab File: VX006133.D
Acq: 21 Nov 2018 19:39

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	246485		
91	57.7	28.2	84.6	
134	23.4	11.5	34.4	

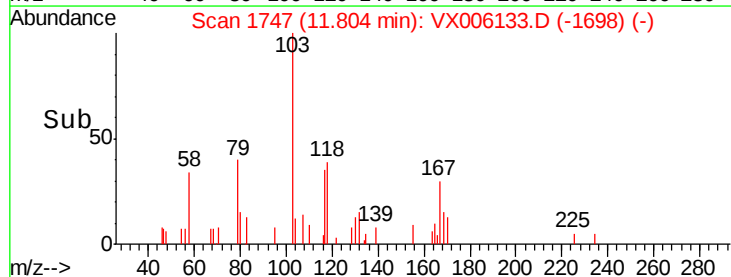
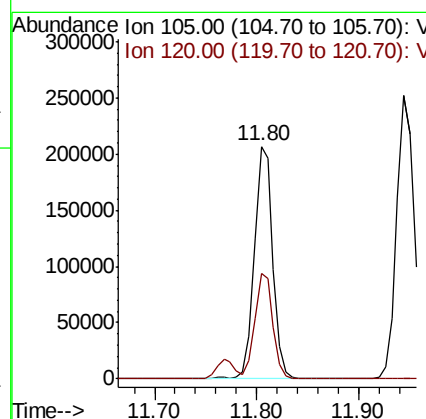
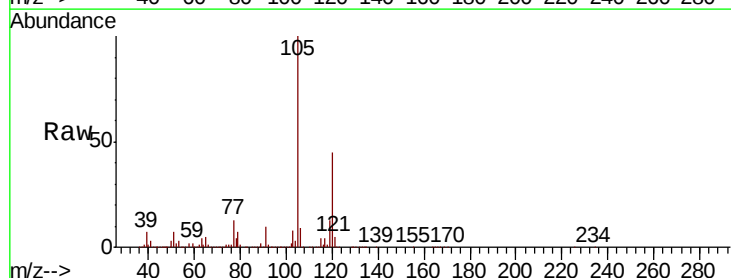
Manual Integrations
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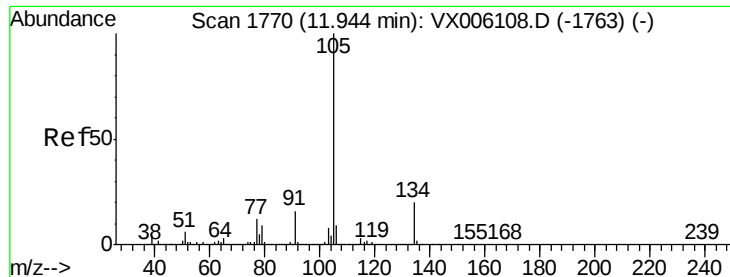
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#84
1,2,4-Trimethylbenzene
Concen: 21.497 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX006133.D
Acq: 21 Nov 2018 19:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	260696		
120	44.5	22.7	68.0	





#85

sec-Butylbenzene

Concen: 21.392 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006133.D

Acq: 21 Nov 2018 19:39

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBSD01

Tot Ion:105 Resp: 303692

Ion Ratio Lower Upper

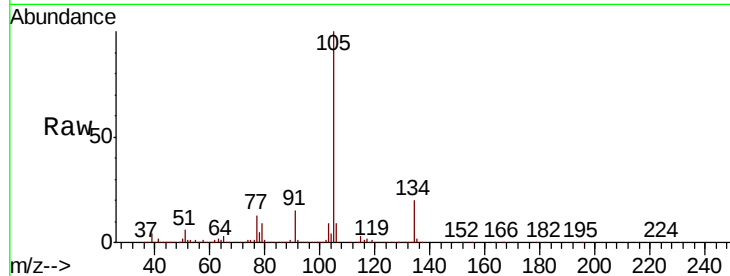
105 100

134 20.2 10.4 31.1

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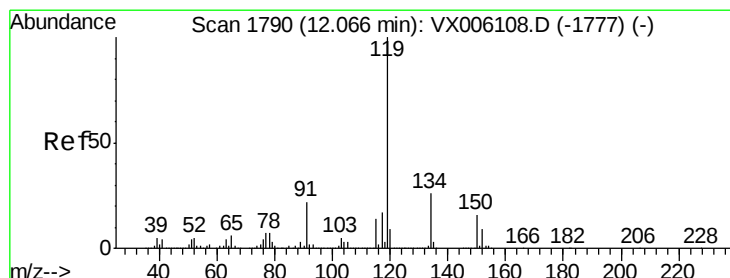
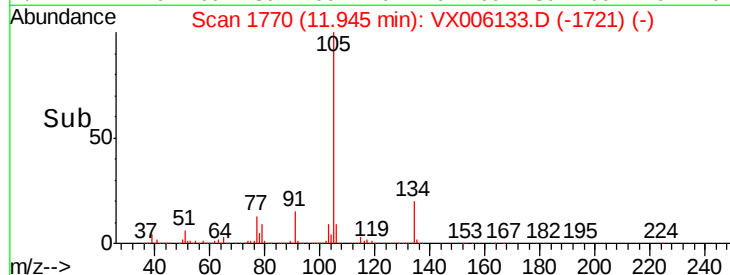
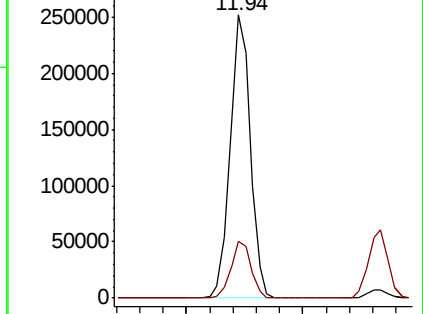
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.130 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX006133.D

Acq: 21 Nov 2018 19:39

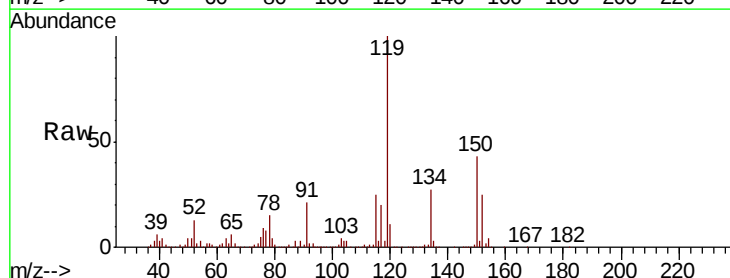
Tgt Ion:119 Resp: 267446

Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.3

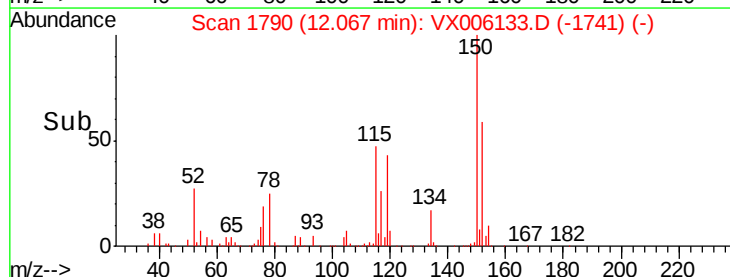
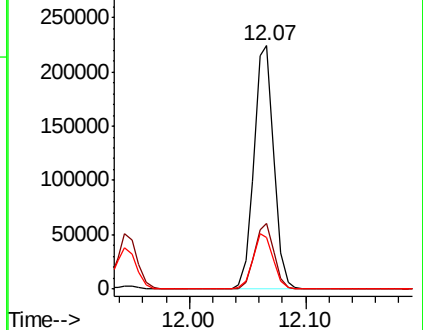
91 23.1 11.3 33.9

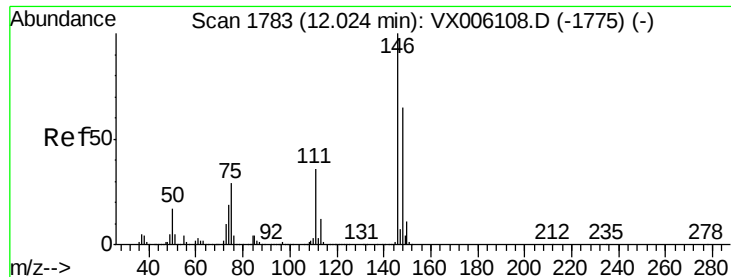


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





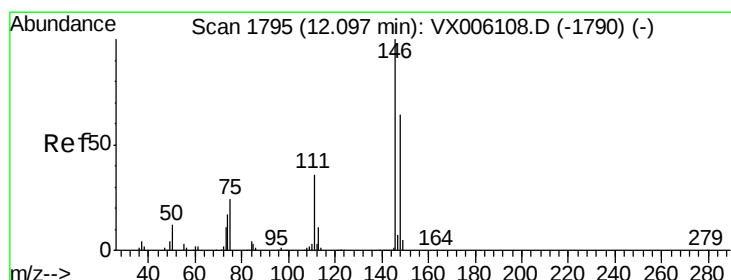
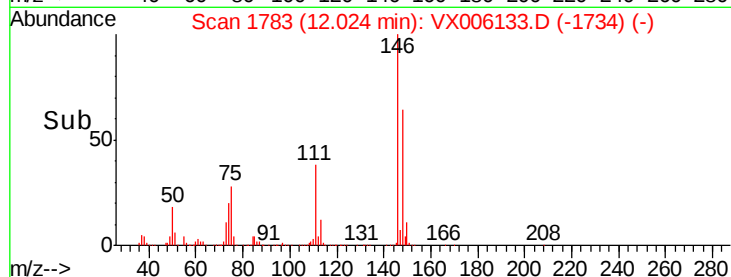
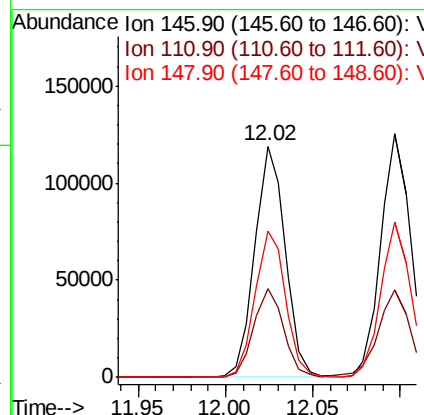
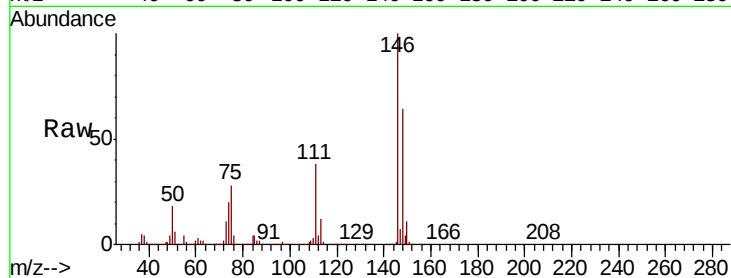
#87
 1,3-Dichlorobenzene
 Concen: 19.932 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006133.D
 Acq: 21 Nov 2018 19:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.8	56.3
148	63.5	32.2	96.6

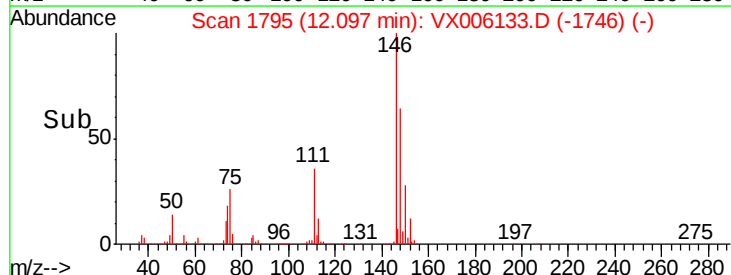
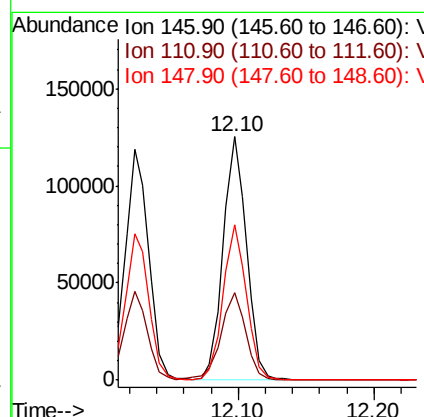
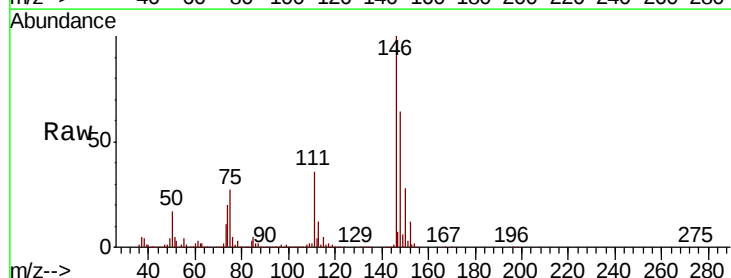
Manual Integrations
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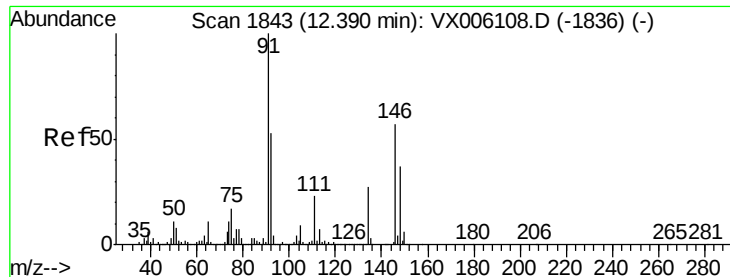
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#88
 1,4-Dichlorobenzene
 Concen: 19.868 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006133.D
 Acq: 21 Nov 2018 19:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.3	54.9
148	64.1	32.2	96.6





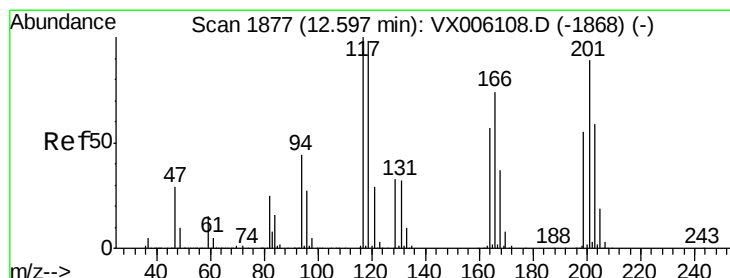
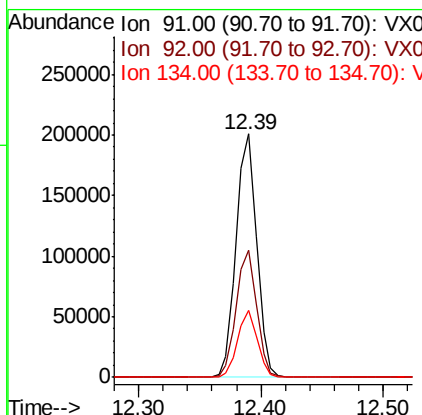
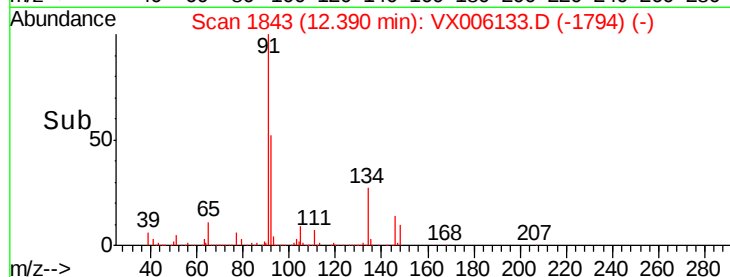
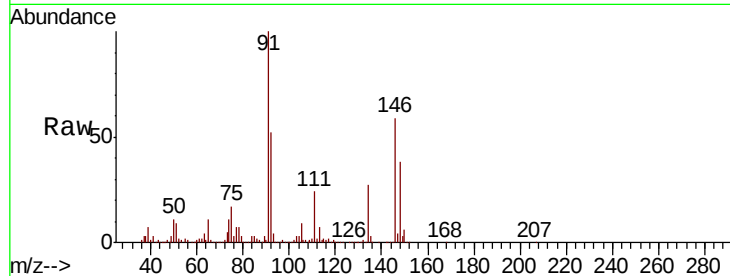
#89
n-Butylbenzene
Concen: 20.304 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006133.D
Acq: 21 Nov 2018 19:39

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.8	26.6	79.7
134	26.4	13.1	39.3

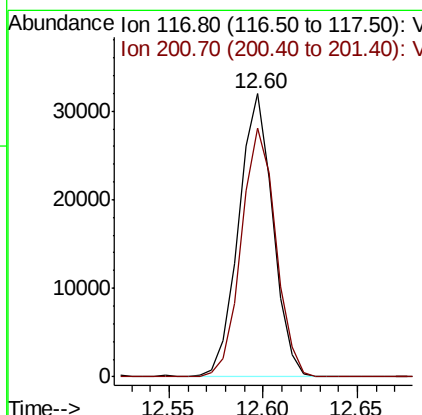
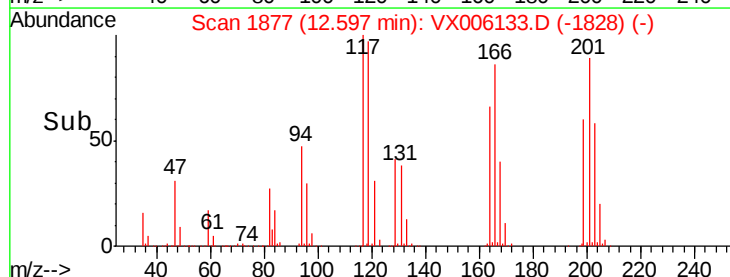
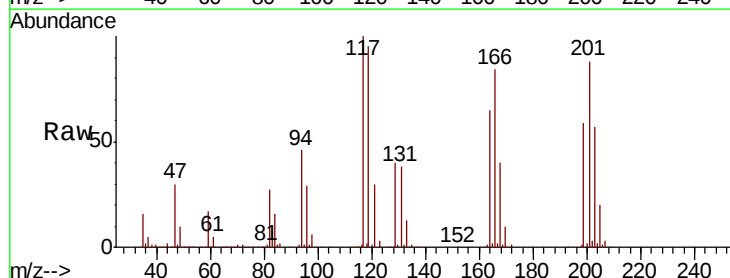
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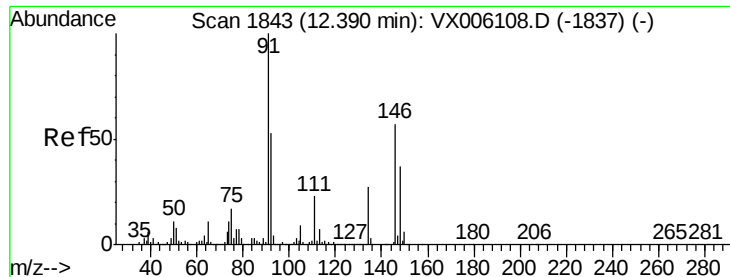
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11/26/2018 10:52:36 AM



#90
Hexachloroethane
Concen: 19.956 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006133.D
Acq: 21 Nov 2018 19:39

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.1	46.1	138.2





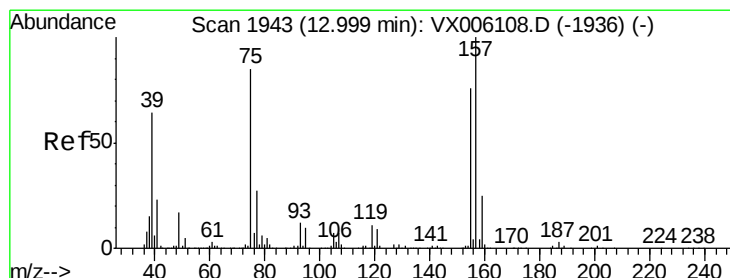
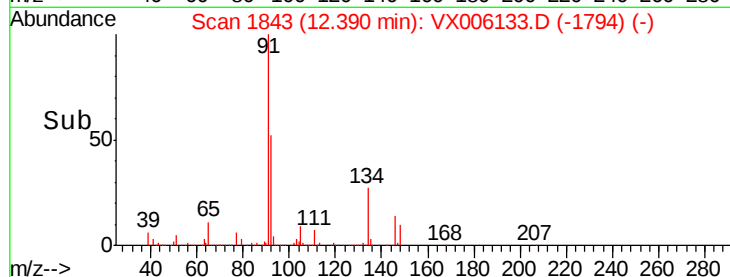
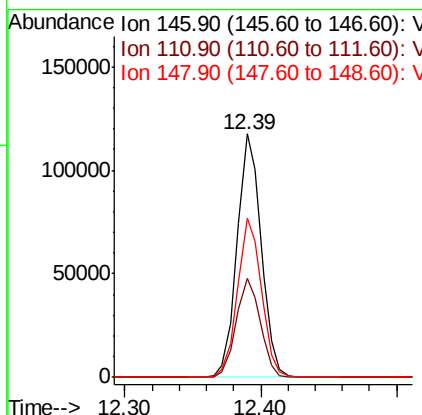
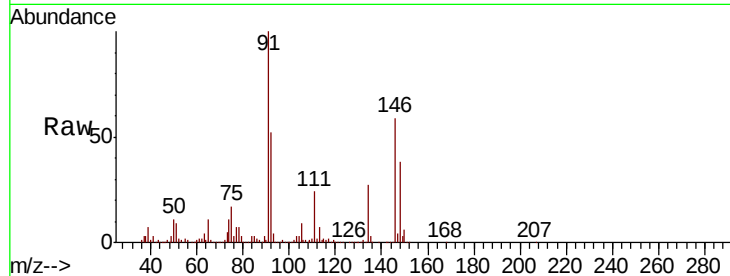
#91
 1,2-Dichlorobenzene
 Concen: 19.483 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX006133.D
 Acq: 21 Nov 2018 19:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	19.6	58.8
148	65.2	32.0	96.0

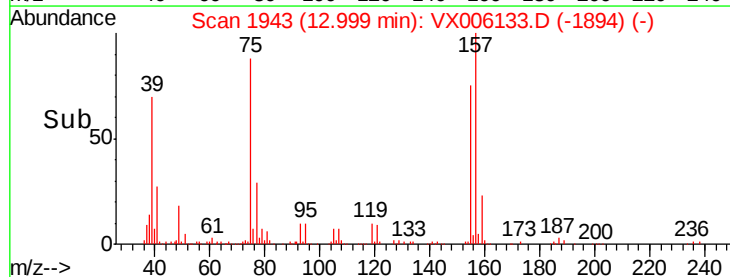
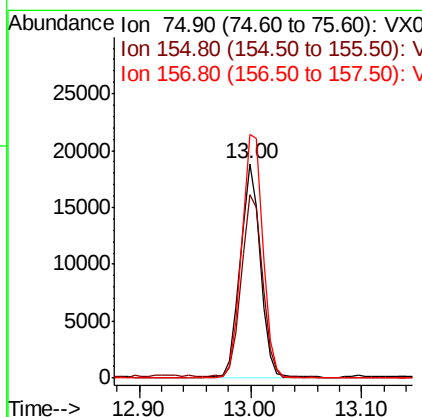
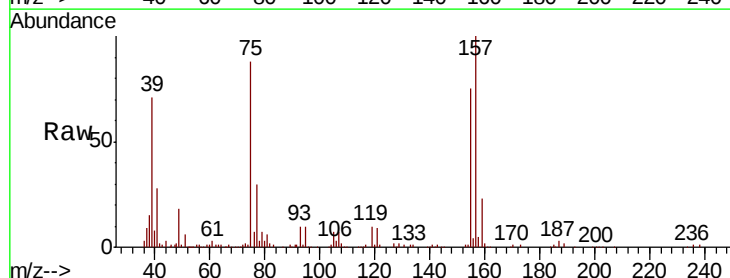
Manual Integrations
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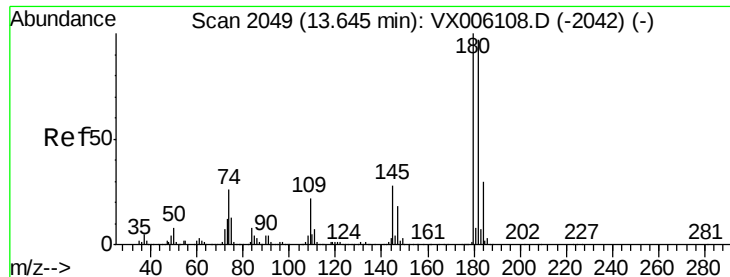
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.340 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX006133.D
 Acq: 21 Nov 2018 19:39

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.0	46.1	138.3
157	118.5	59.8	179.3





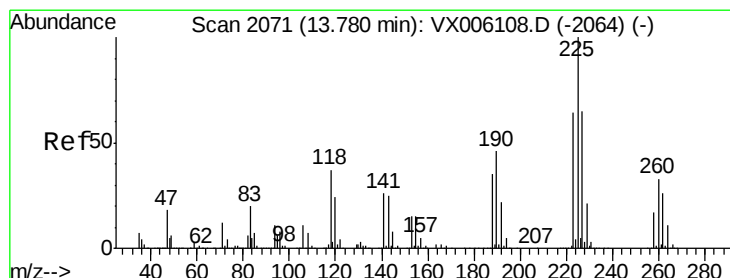
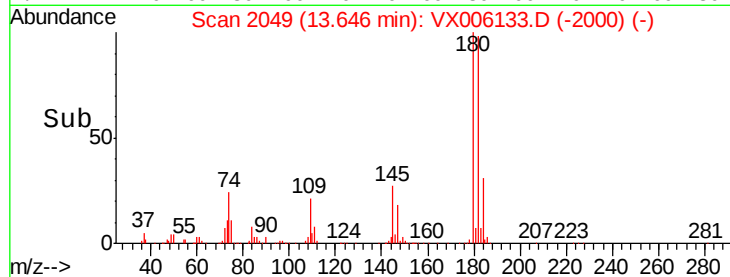
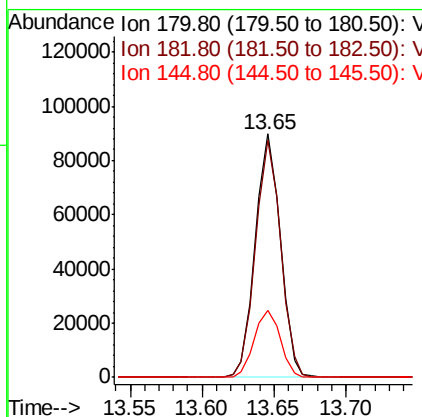
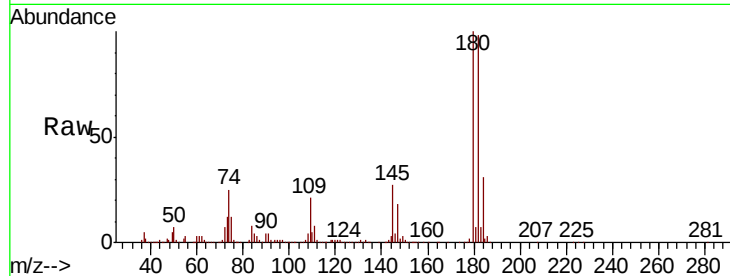
#93
 1,2,4-Trichlorobenzene
 Concen: 20.573 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006133.D
 Acq: 21 Nov 2018 19:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	107917		
182	97.5	48.2	144.6	
145	28.4	14.1	42.2	

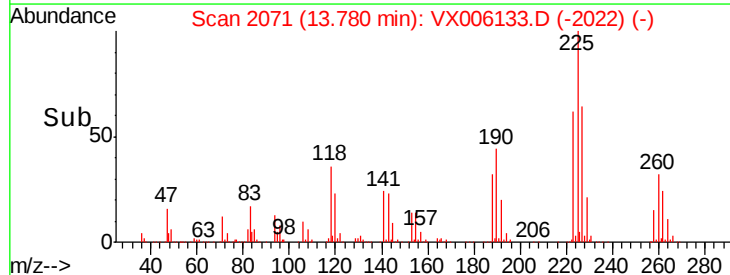
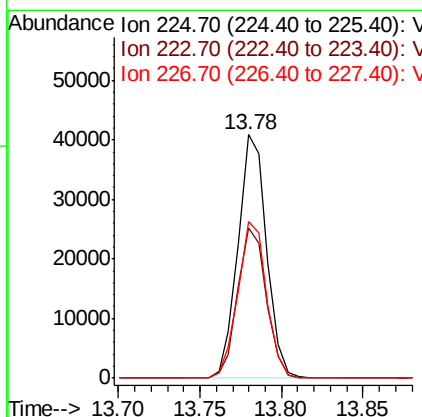
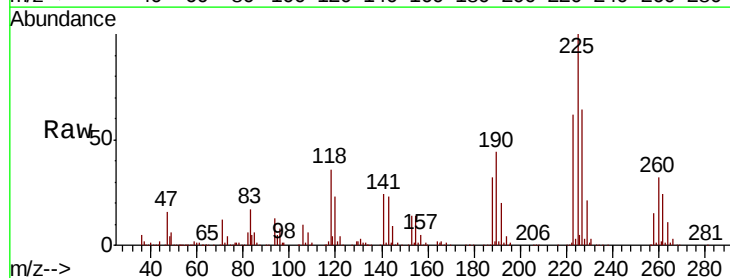
Manual Integrations
 APPROVED

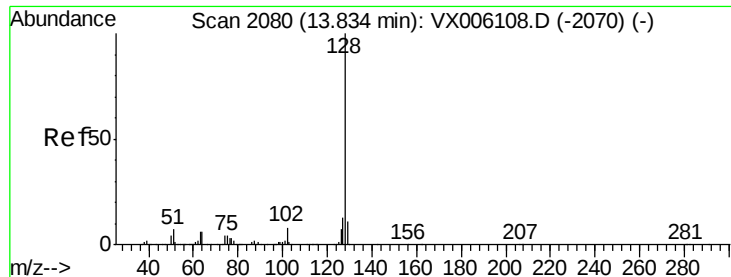
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#94
 Hexachlorobutadiene
 Concen: 19.534 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX006133.D
 Acq: 21 Nov 2018 19:39

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	49938		
223	61.8	31.2	93.6	
227	64.4	32.4	97.2	





#95

Naphthalene

Concen: 22.812 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006133.D

Acq: 21 Nov 2018 19:39

Instrument :

MSVOA_X

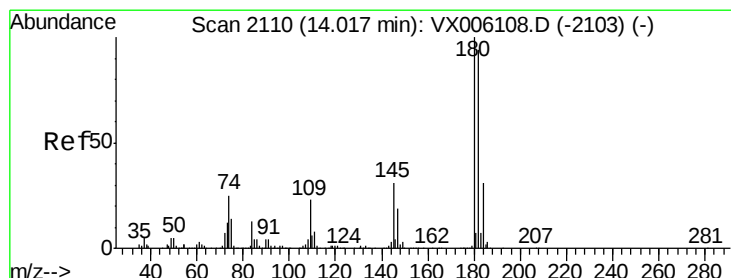
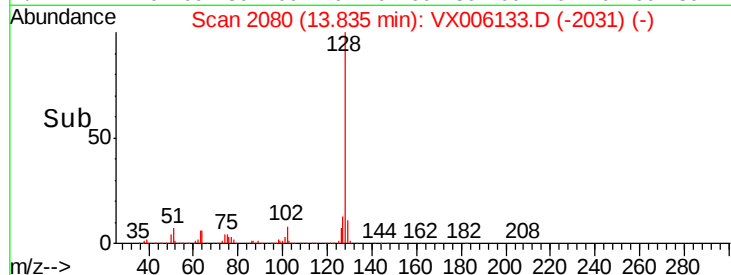
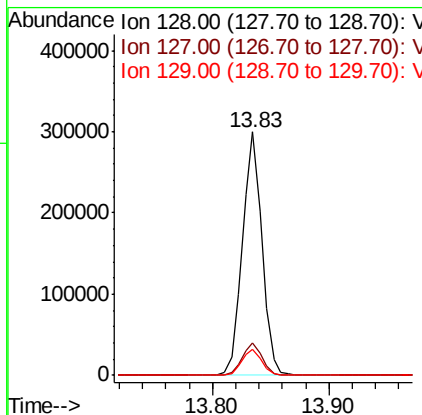
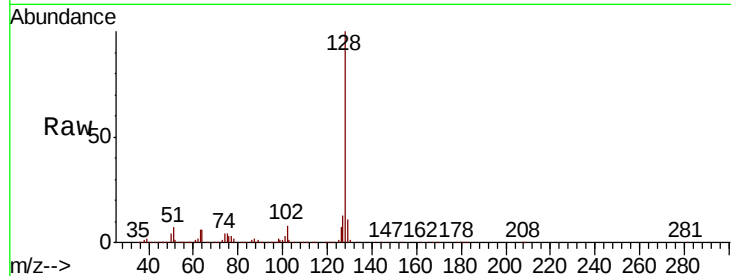
ClientSampleId :

VX1121WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
128	100		351861		
127	13.4		10.6	15.8	
129	11.1		8.8	13.2	

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 20.452 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX006133.D

Acq: 21 Nov 2018 19:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		109373		
182	97.8		47.5	142.5	
145	29.6		15.0	45.0	

