

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091118\
 Data File : VX004467.D
 Acq On : 11 Sep 2018 13:54
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 9/12/2018 11:26:18 AM

Quant Time: Sep 12 02:09:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 01:43:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	290196	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	349707	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	335116	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	205845	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	177900	47.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.08%	
35) Dibromofluoromethane	5.50	113	166245	51.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.90%	
50) Toluene-d8	8.72	98	547972	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	
62) 4-Bromofluorobenzene	11.14	95	191961	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	141255	51.94	ug/l	96
3) Chloromethane	1.32	50	176773	47.23	ug/l	99
4) Vinyl Chloride	1.40	62	192829	50.19	ug/l	97
5) Bromomethane	1.64	94	80001	43.64	ug/l	100
6) Chloroethane	1.71	64	120189	48.38	ug/l	99
7) Trichlorofluoromethane	1.92	101	242937	47.70	ug/l	94
8) Diethyl Ether	2.18	74	113029	49.51	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	153521	47.52	ug/l	100
10) Methyl Iodide	2.51	142	192766	54.25	ug/l	97
11) Tert butyl alcohol	3.08	59	213635	239.27	ug/l	100
12) 1,1-Dichloroethene	2.37	96	146654	48.37	ug/l	94
13) Acrolein	2.29	56	77422	219.67	ug/l	96
14) Allyl chloride	2.73	41	305726	49.04	ug/l	95
15) Acrylonitrile	3.15	53	504674	234.72	ug/l	93
16) Acetone	2.45	43	405648	222.12	ug/l	94
17) Carbon Disulfide	2.57	76	442082	50.44	ug/l	99
18) Methyl Acetate	2.78	43	238089	46.47	ug/l	95
19) Methyl tert-butyl Ether	3.20	73	506590	47.62	ug/l	92
20) Methylene Chloride	2.85	84	171141	45.68	ug/l	92
21) trans-1,2-Dichloroethene	3.16	96	159426	47.58	ug/l	96
22) Diisopropyl ether	3.87	45	543611	48.42	ug/l	96
23) Vinyl Acetate	3.82	43	2349037	258.54	ug/l	95
24) 1,1-Dichloroethane	3.69	63	309090	48.76	ug/l	98
25) 2-Butanone	4.70	43	670775	230.78	ug/l	96
26) 2,2-Dichloropropane	4.58	77	208158	47.81	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	181178	48.44	ug/l	98
28) Bromochloromethane	5.02	49	138781	47.86	ug/l	97
29) Tetrahydrofuran	5.17	42	440808	251.48	ug/l	97
30) Chloroform	5.21	83	304223	49.16	ug/l	93
31) Cyclohexane	5.57	56	287117	53.05	ug/l	91
32) 1,1,1-Trichloroethane	5.49	97	241377	48.43	ug/l	98
36) 1,1-Dichloropropene	5.80	75	222929	52.51	ug/l	98
37) Ethyl Acetate	4.86	43	253403	52.48	ug/l	99
38) Carbon Tetrachloride	5.78	117	218935	52.80	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	242232	54.67	ug/l	97
40) Benzene	6.14	78	671981	53.34	ug/l	95
41) Methacrylonitrile	5.06	41	137639	51.73	ug/l	100
42) 1,2-Dichloroethane	6.20	62	204729	49.00	ug/l	99
43) Isopropyl Acetate	6.46	43	331082	51.62	ug/l	98
44) Trichloroethene	7.21	130	168528	51.50	ug/l	98
45) 1,2-Dichloropropane	7.52	63	156660	51.68	ug/l	100
46) Dibromomethane	7.66	93	98873	51.63	ug/l	98
47) Bromodichloromethane	7.90	83	189942	52.45	ug/l	99
48) Methyl methacrylate	7.78	41	173512	54.67	ug/l	97
49) 1,4-Dioxane	7.76	88	82308	1095.64	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1116957	246.79	ug/l	98
52) Toluene	8.79	92	395940	53.35	ug/l	94
53) t-1,3-Dichloropropene	9.04	75	240571	56.87	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	233523	54.15	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	168173	52.63	ug/l	93
56) Ethyl methacrylate	9.18	69	257218	56.90	ug/l	96
57) 1,3-Dichloropropane	9.37	76	261950	50.45	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	587997	283.51	ug/l	95
59) 2-Hexanone	9.50	43	871629	251.07	ug/l	97
60) Dibromochloromethane	9.59	129	154133	51.23	ug/l	99
61) 1,2-Dibromoethane	9.68	107	156450	51.25	ug/l	100
64) Tetrachloroethene	9.34	164	221400	52.92	ug/l	95
65) Chlorobenzene	10.14	112	416050	49.98	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	147098	51.24	ug/l	99
67) Ethyl Benzene	10.26	91	714270	52.77	ug/l	98
68) m/p-Xylenes	10.36	106	563005	107.98	ug/l	98
69) o-Xylene	10.70	106	266762	53.22	ug/l	98
70) Styrene	10.71	104	454274	54.70	ug/l	99
71) Bromoform	10.86	173	121841	51.69	ug/l	100
73) Isopropylbenzene	11.02	105	720782	53.17	ug/l	100
74) N-amyl acetate	10.90	43	297690	52.17	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	212488	48.59	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	208742m	51.90	ug/l	
77) Bromobenzene	11.26	156	188817	50.39	ug/l	97
78) n-propylbenzene	11.36	91	833719	53.49	ug/l	100
79) 2-Chlorotoluene	11.42	91	489875	51.82	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	614959	53.96	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.08	75	68677	52.86	ug/l	97
82) 4-Chlorotoluene	11.51	91	580689	52.63	ug/l	100
83) tert-Butylbenzene	11.77	119	574743	52.97	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	632966	54.40	ug/l	98
85) sec-Butylbenzene	11.95	105	744480	53.85	ug/l	98
86) p-Isopropyltoluene	12.07	119	663251	54.32	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	353521	50.57	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	357383	49.47	ug/l	99
89) n-Butylbenzene	12.39	91	590484	53.07	ug/l	98
90) Hexachloroethane	12.60	117	99772	51.04	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	355458	50.23	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	49896	53.44	ug/l	98

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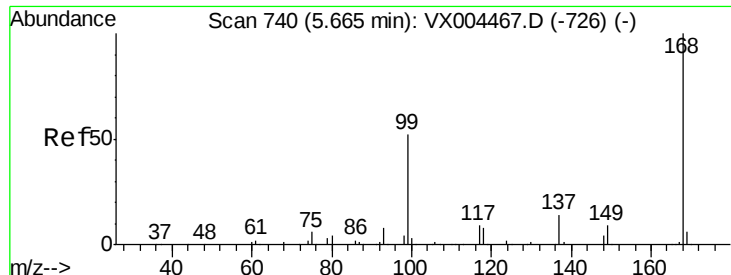
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	263289	52.55	ug/l	99
94) Hexachlorobutadiene	13.79	225	129879	49.62	ug/l	97
95) Naphthalene	13.83	128	781779	55.63	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	266030	51.68	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX004467.D

Acq: 11 Sep 2018 13:54

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

Tot Ion:168 Resp: 290196

Ion Ratio Lower Upper

168 100

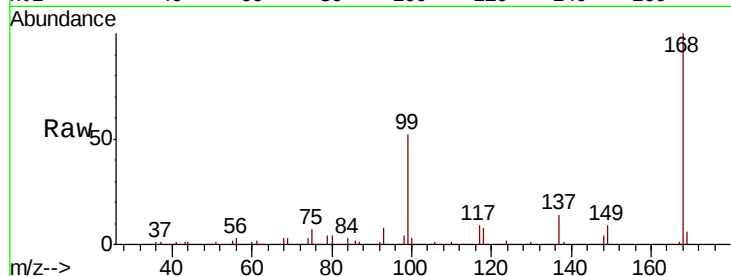
99 51.7 39.9 59.9

Manual Integrations

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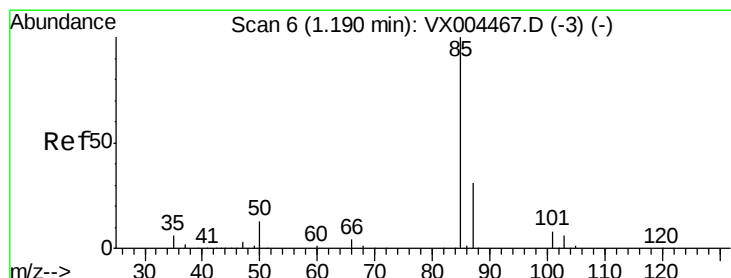
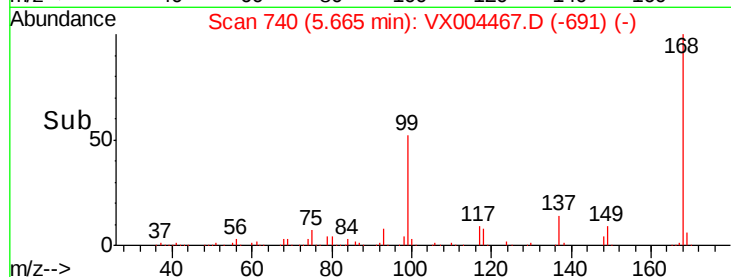
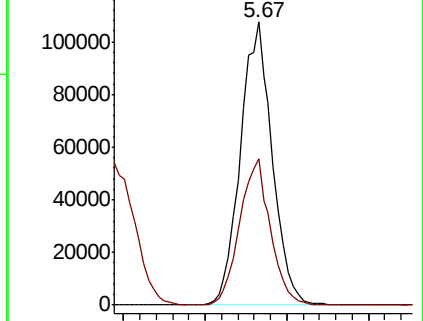
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 51.94 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX004467.D

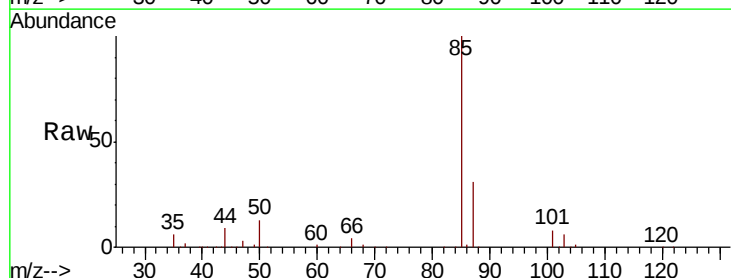
Acq: 11 Sep 2018 13:54

Tgt Ion: 85 Resp: 141255

Ion Ratio Lower Upper

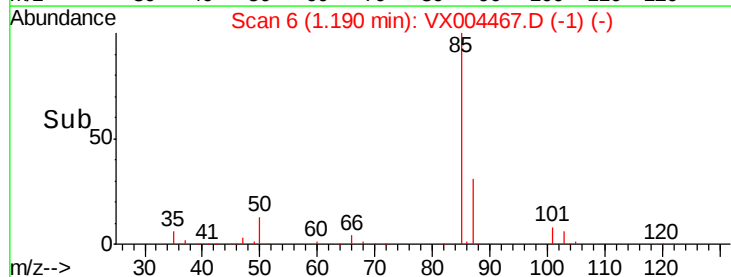
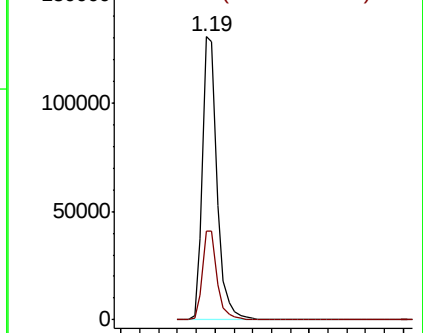
85 100

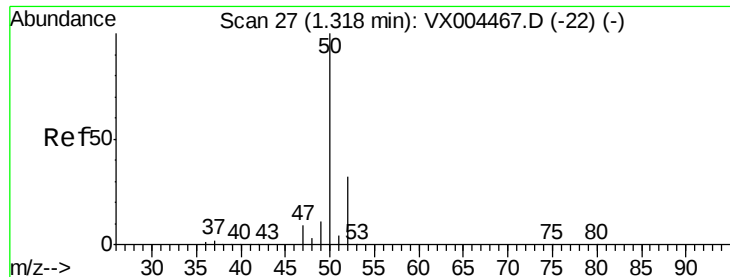
87 31.4 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 47.23 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX004467.D

Acq: 11 Sep 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 176773

Ion Ratio Lower Upper

50 100

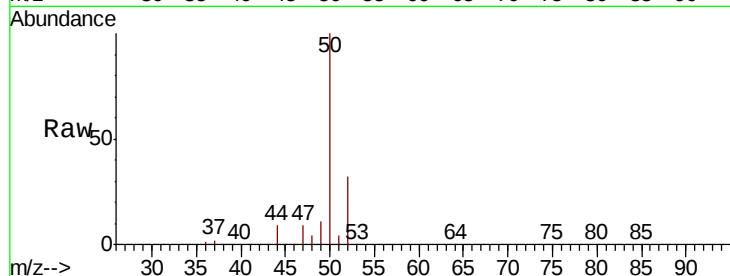
52 32.0 26.2 39.2

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

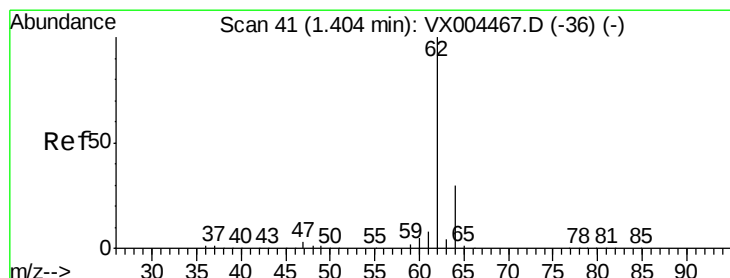
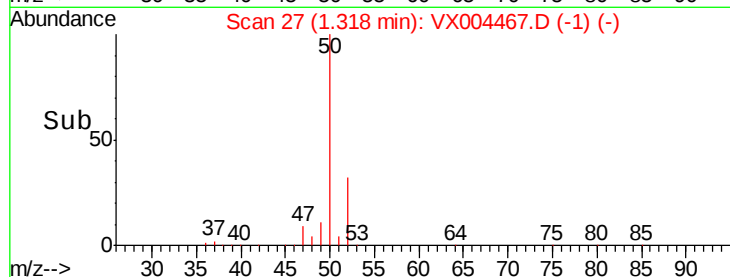
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 50.19 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX004467.D

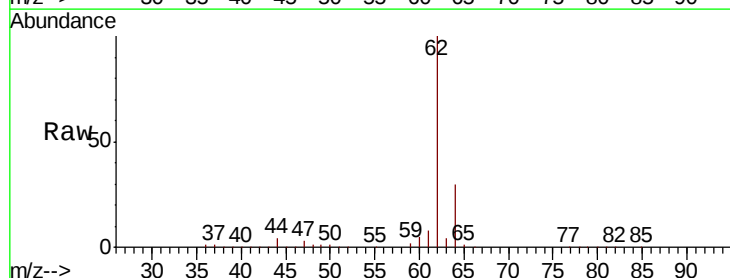
Acq: 11 Sep 2018 13:54

Tgt Ion: 62 Resp: 192829

Ion Ratio Lower Upper

62 100

64 30.4 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

200000

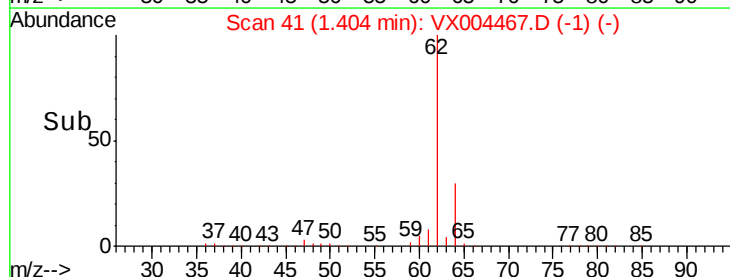
150000

100000

50000

0

Time-->





#5

Bromomethane

Concen: 43.64 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004467.D

Acq: 11 Sep 2018 13:54

Tot Ion: 94 Resp: 80001

Ion Ratio Lower Upper

94 100

96 93.4 74.5 111.7

Instrument :

MSVOA_X

ClientSampleId :

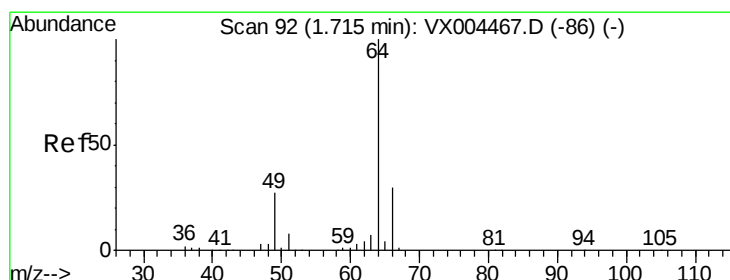
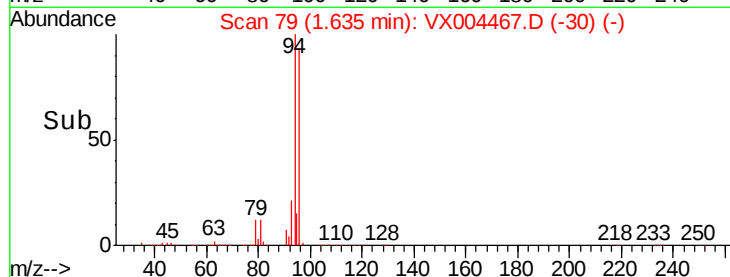
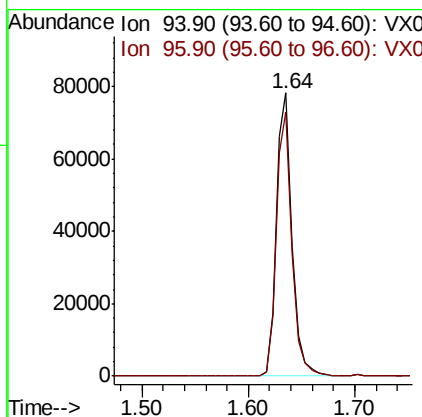
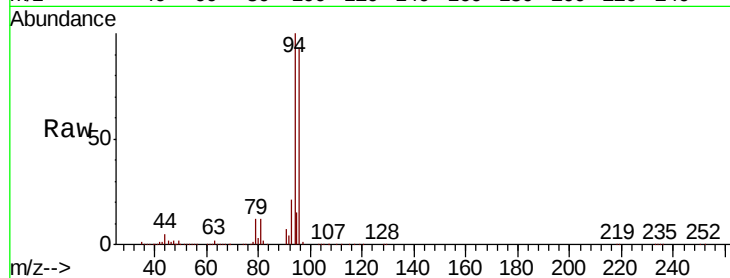
VSTDICCC050

Manual Integrations

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#6

Chloroethane

Concen: 48.38 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX004467.D

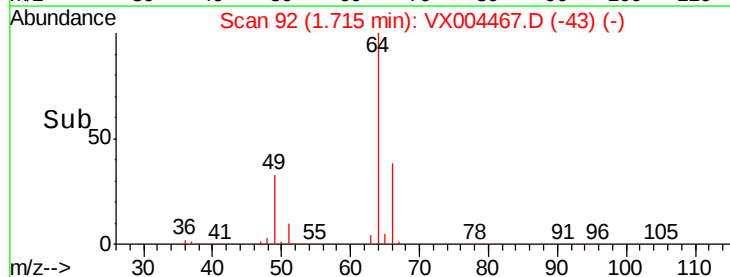
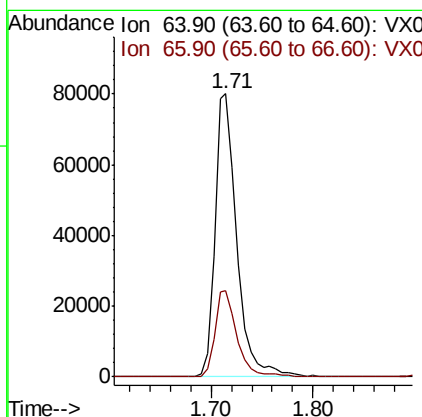
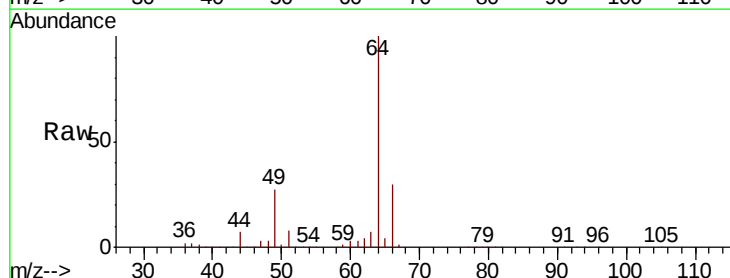
Acq: 11 Sep 2018 13:54

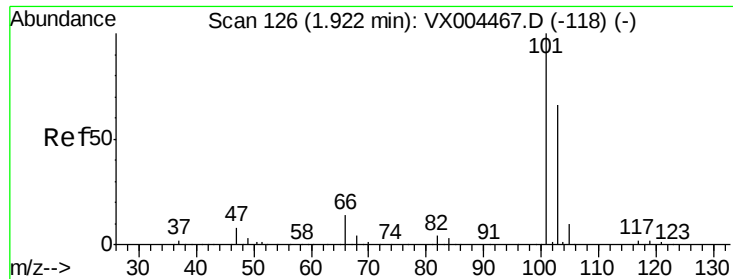
Tgt Ion: 64 Resp: 120189

Ion Ratio Lower Upper

64 100

66 30.4 24.6 36.8





#7

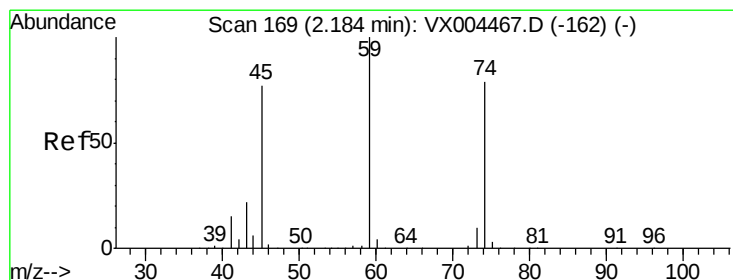
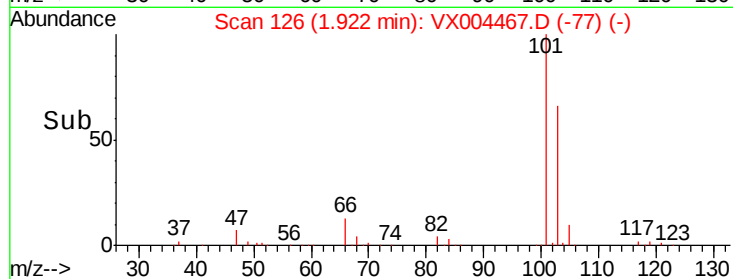
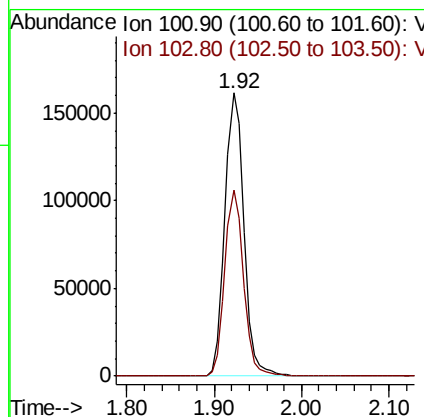
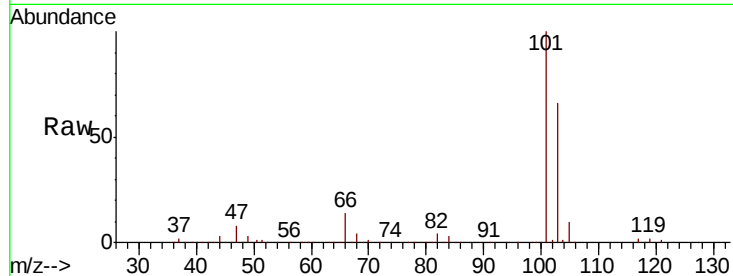
Trichlorofluoromethane
 Concen: 47.70 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: VX004467.D
 Acq: 11 Sep 2018 13:54

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 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.8	48.9	73.3

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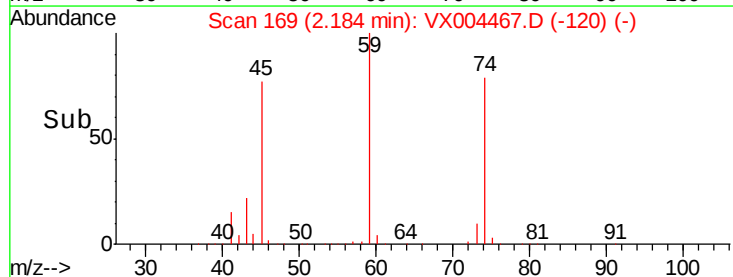
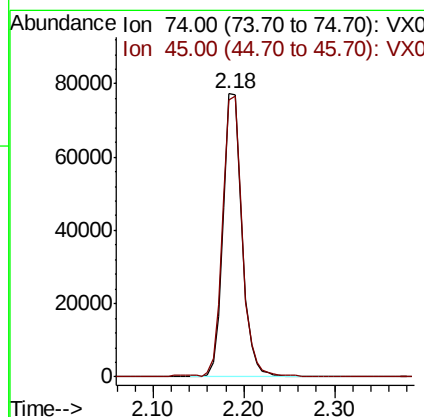
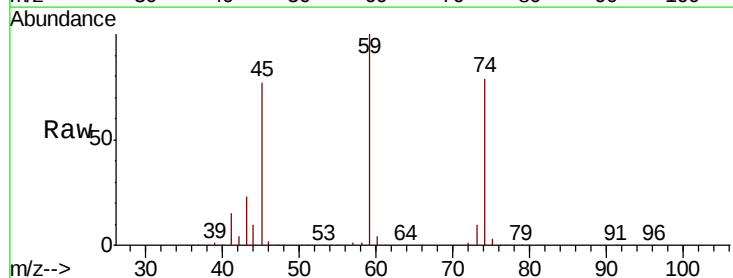
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#8

Diethyl Ether
 Concen: 49.51 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX004467.D
 Acq: 11 Sep 2018 13:54

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.3	48.3	144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.52 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX004467.D

Acq: 11 Sep 2018 13:54

Instrument :

MSVOA_X

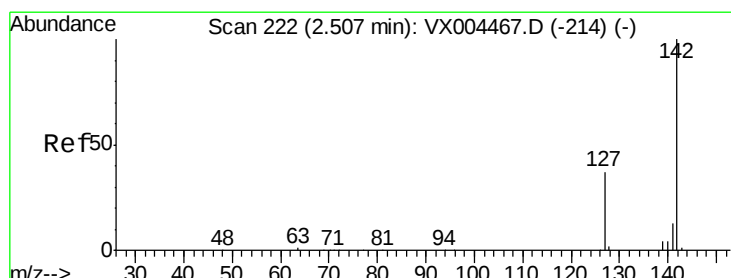
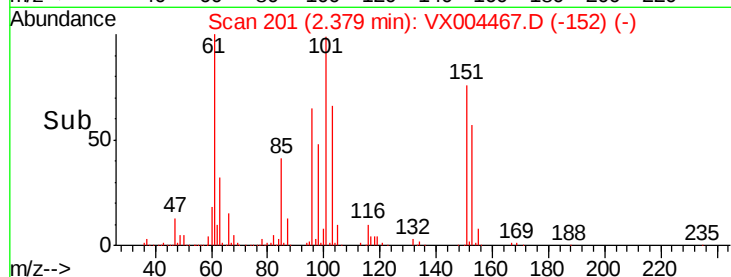
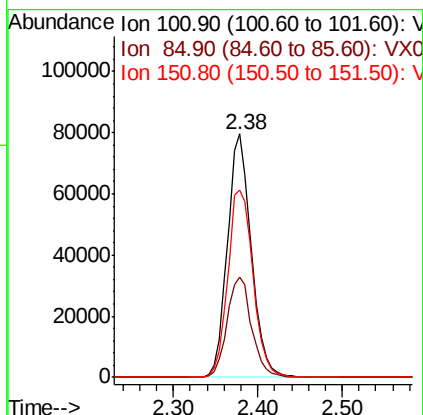
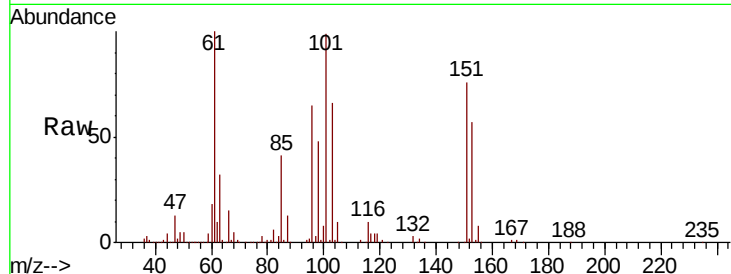
ClientSampleId :

VSTDICCC050

Tot Ion:	101	Resp:	153521
Ion Ratio	Lower	Upper	
101	100		
85	42.4	34.2	51.4
151	81.4	65.0	97.6

Manual Integrations
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#10

Methyl Iodide

Concen: 54.25 ug/l

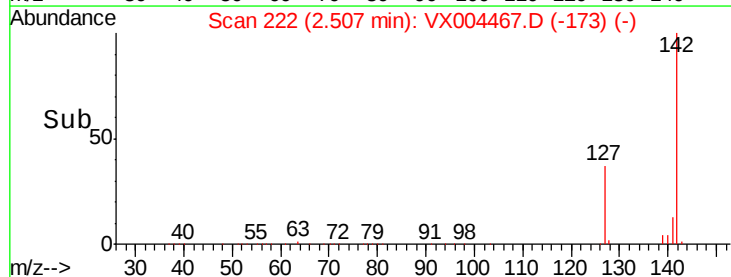
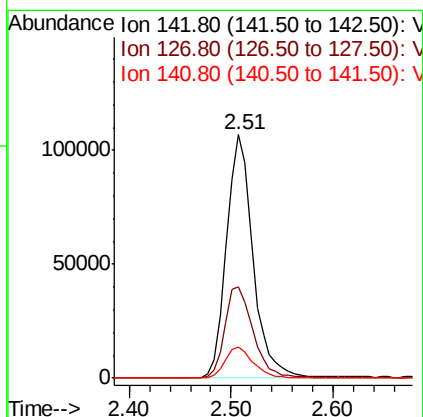
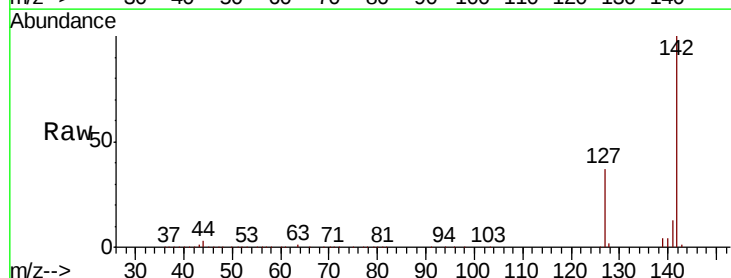
RT: 2.51 min Scan# 222

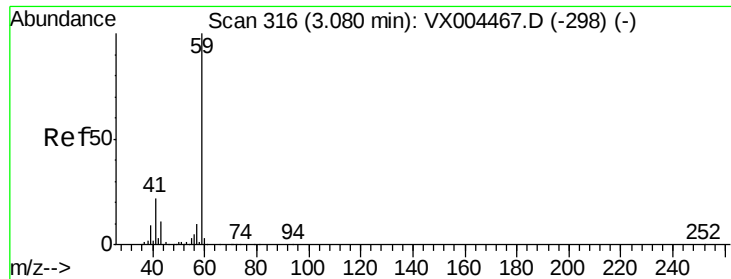
Delta R.T. 0.00 min

Lab File: VX004467.D

Acq: 11 Sep 2018 13:54

Tgt Ion:	142	Resp:	192766
Ion Ratio	Lower	Upper	
142	100		
127	40.0	33.8	50.6
141	13.5	11.4	17.0





#11

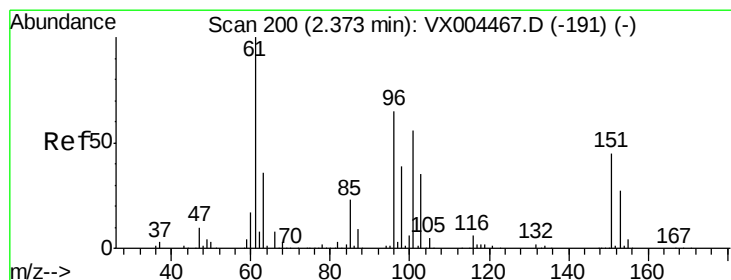
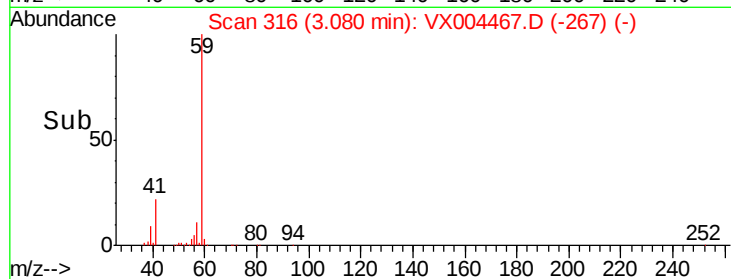
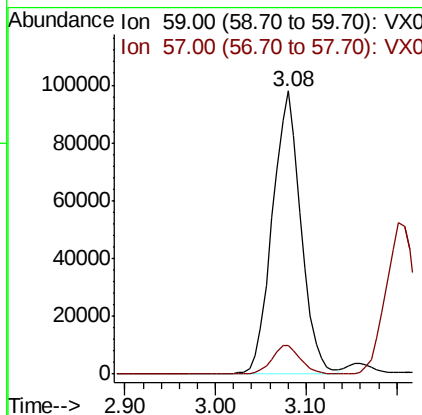
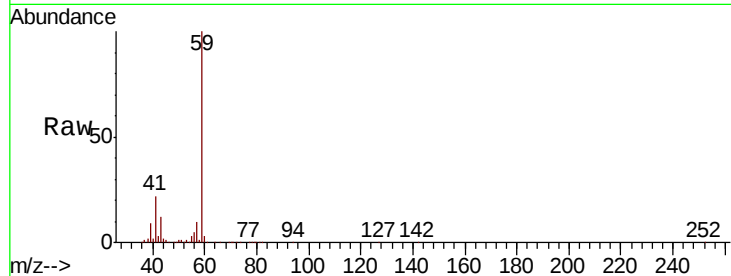
Tert butyl alcohol
 Concen: 239.27 ug/l
 RT: 3.08 min Scan# 316
 Delta R.T. 0.00 min
 Lab File: VX004467.D
 Acq: 11 Sep 2018 13:54

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDICCC050

Tot Ion	59	Resp	213635
Ion Ratio	100	Lower	Upper
57	10.3	8.2	12.4

Manual Integrations
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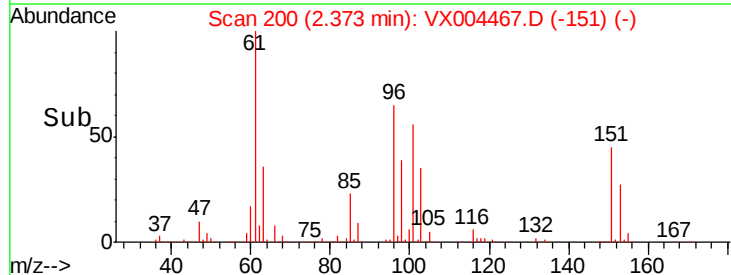
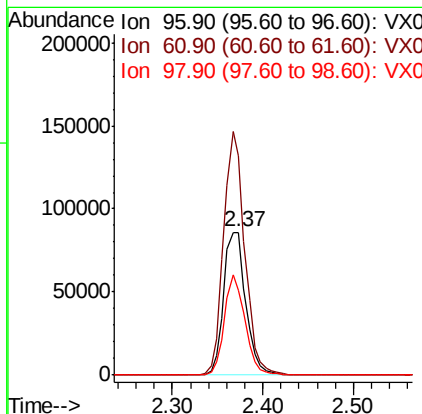
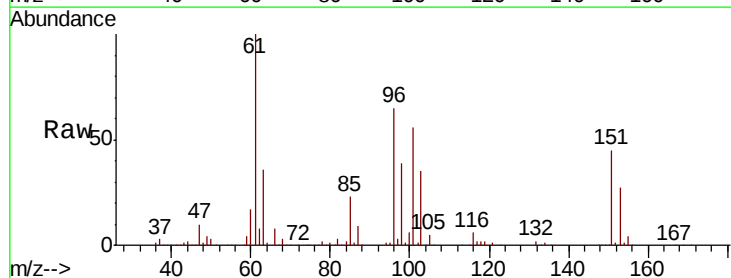
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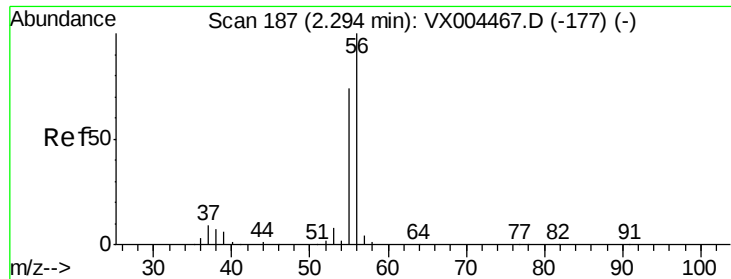


#12

1,1-Dichloroethene
 Concen: 48.37 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX004467.D
 Acq: 11 Sep 2018 13:54

Tgt Ion	96	Resp	146654
Ion Ratio	100	Lower	Upper
61	153.3	128.8	193.2
98	59.7	52.2	78.2





#13

Acrolein

Concen: 219.67 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX004467.D

Acq: 11 Sep 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 56 Resp: 77422

Ion Ratio Lower Upper

56 100

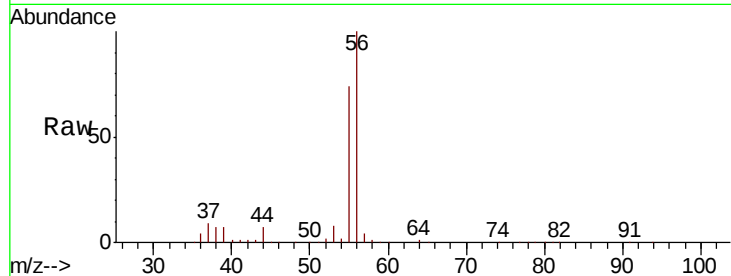
55 72.0 54.7 82.1

Manual Integrations

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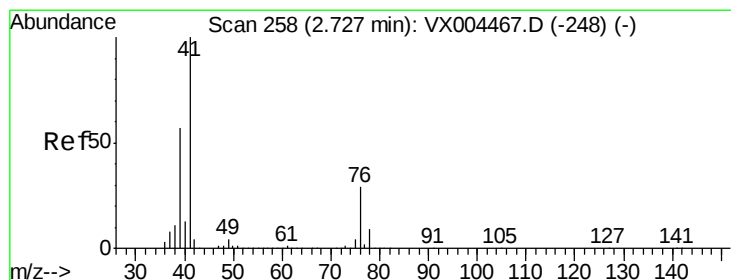
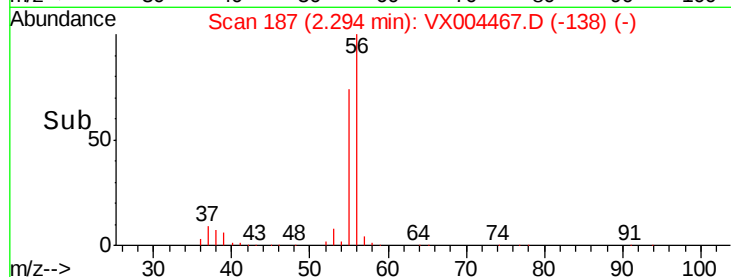
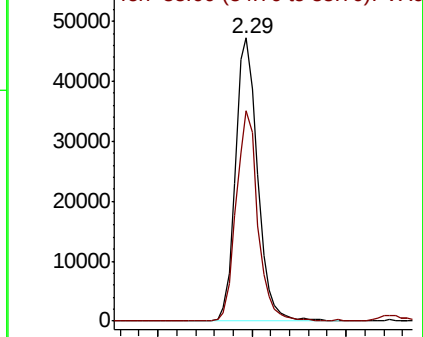
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 49.04 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX004467.D

Acq: 11 Sep 2018 13:54

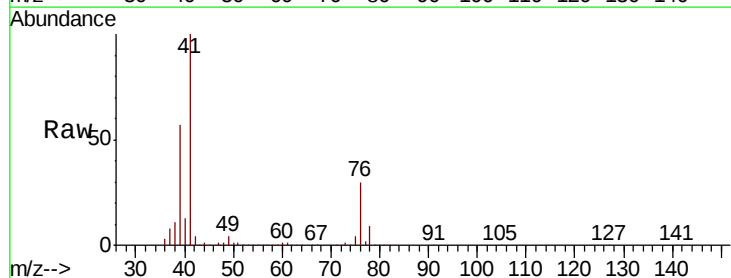
Tgt Ion: 41 Resp: 305726

Ion Ratio Lower Upper

41 100

39 57.8 48.9 73.3

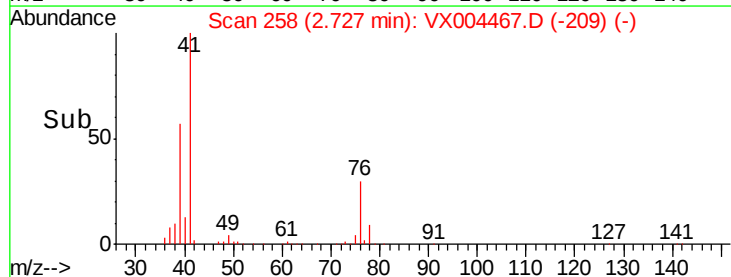
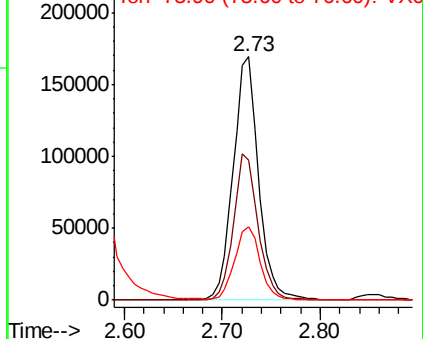
76 30.4 26.7 40.1

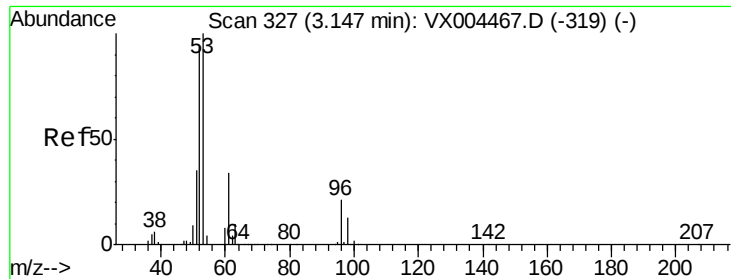


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 234.72 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX004467.D

Acq: 11 Sep 2018 13:54

Instrument :

MSVOA_X

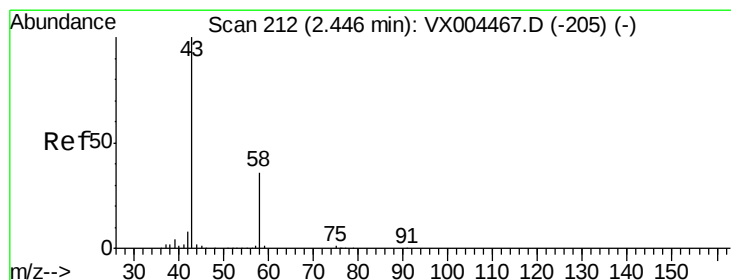
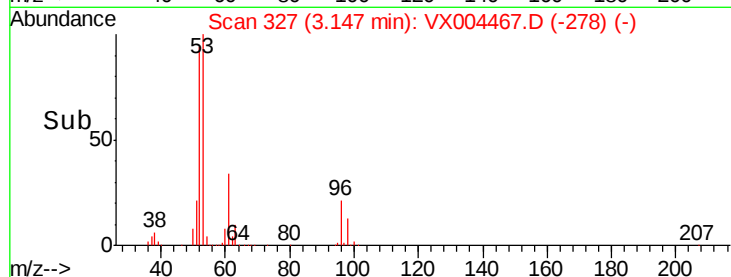
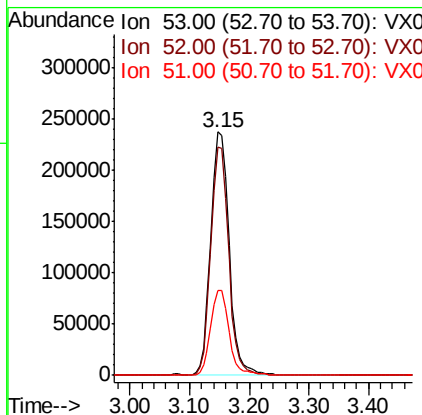
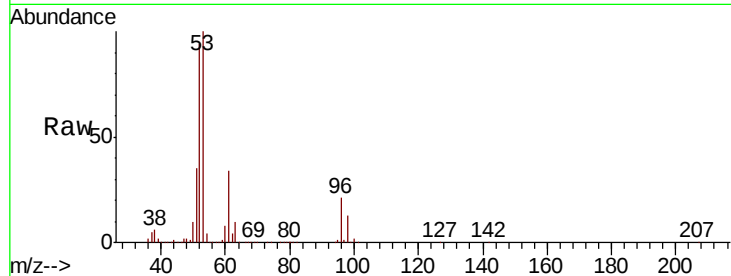
ClientSampleId :

VSTDICCC050

Tot Ion:	53	Resp:	504674
Ion	Ratio	Lower	Upper
53	100		
52	90.6	65.2	97.8
51	35.1	28.2	42.2

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#16

Acetone

Concen: 222.12 ug/l

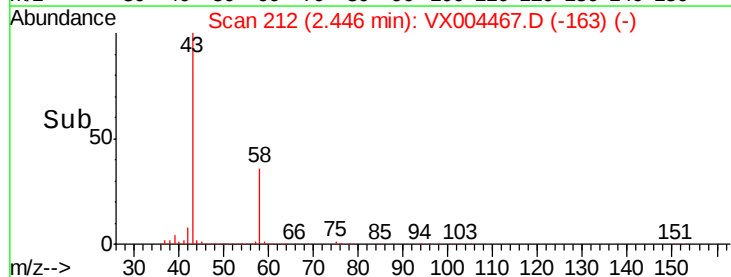
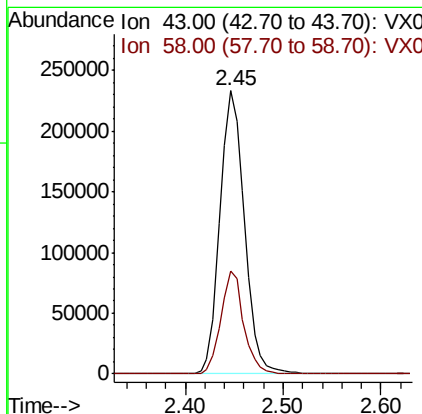
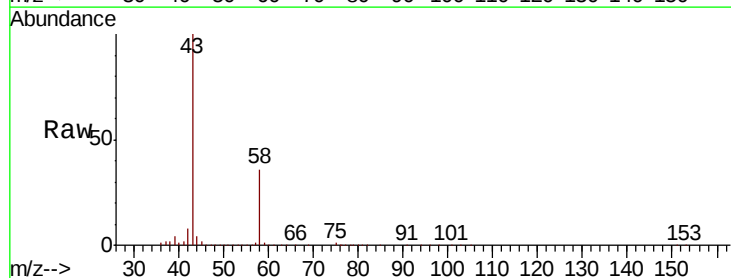
RT: 2.45 min Scan# 212

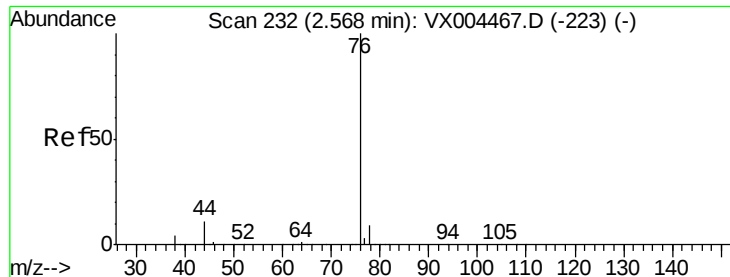
Delta R.T. 0.00 min

Lab File: VX004467.D

Acq: 11 Sep 2018 13:54

Tgt Ion:	43	Resp:	405648
Ion	Ratio	Lower	Upper
43	100		
58	36.2	26.2	39.4





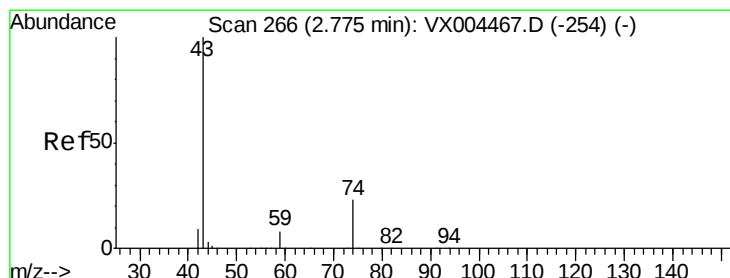
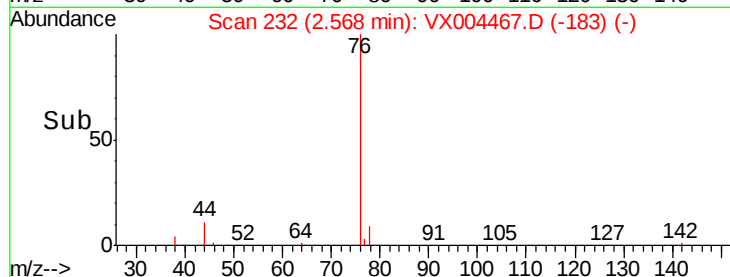
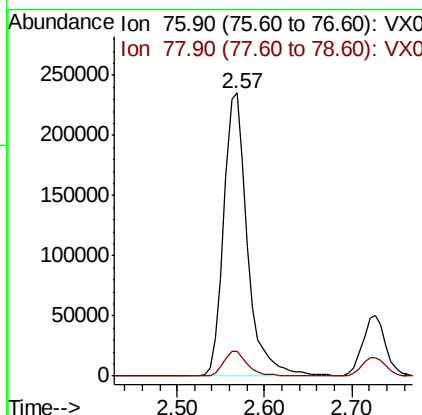
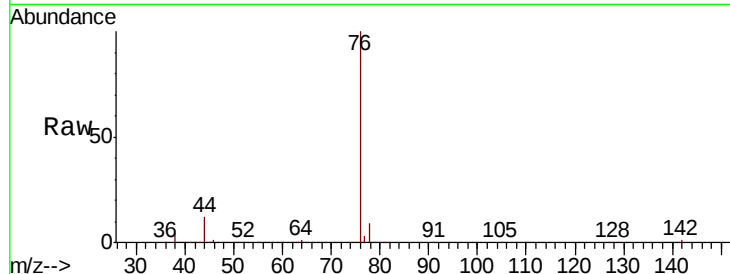
#17
Carbon Disulfide
Concen: 50.44 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX004467.D
Acq: 11 Sep 2018 13:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.0	10.6

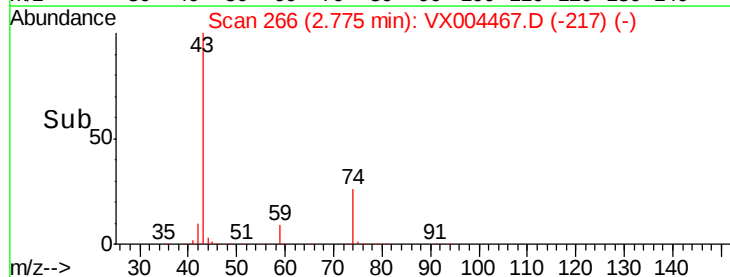
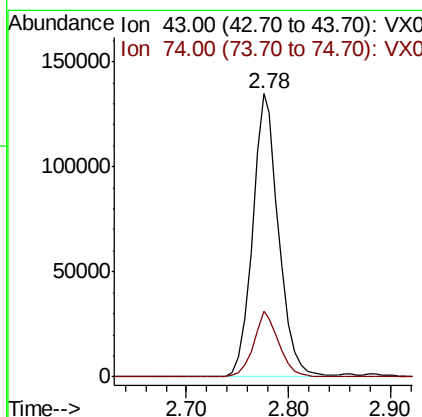
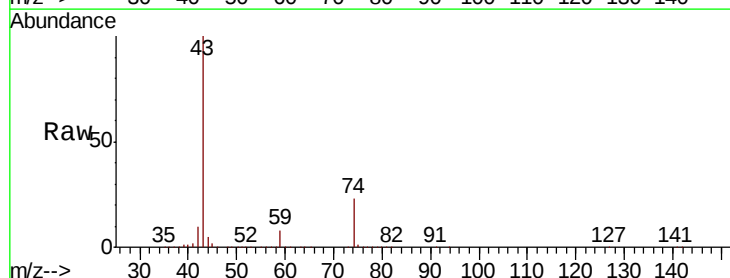
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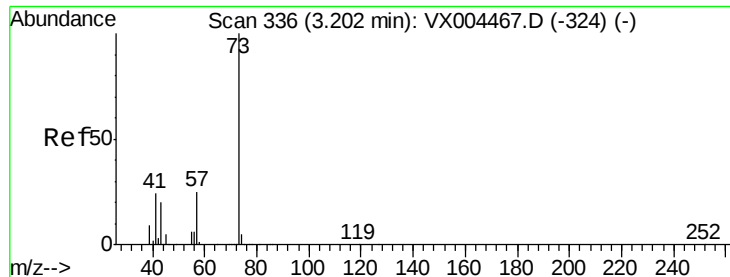
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#18
Methyl Acetate
Concen: 46.47 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX004467.D
Acq: 11 Sep 2018 13:54

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.8	19.4	29.2





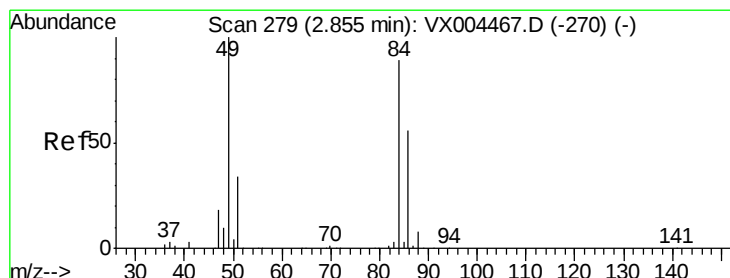
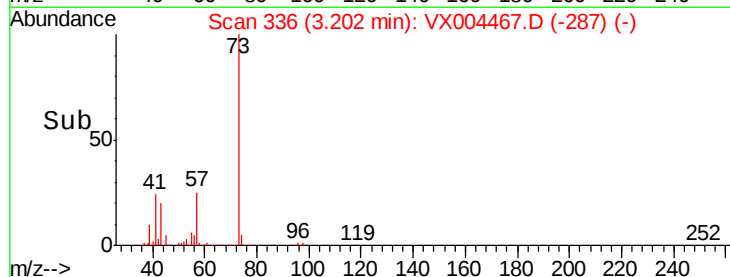
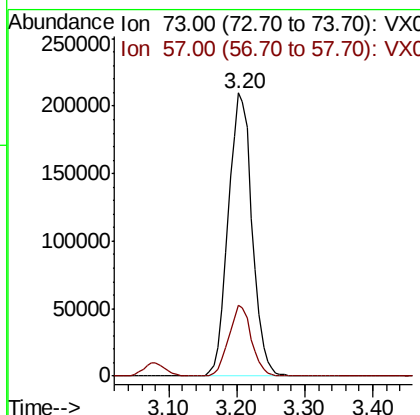
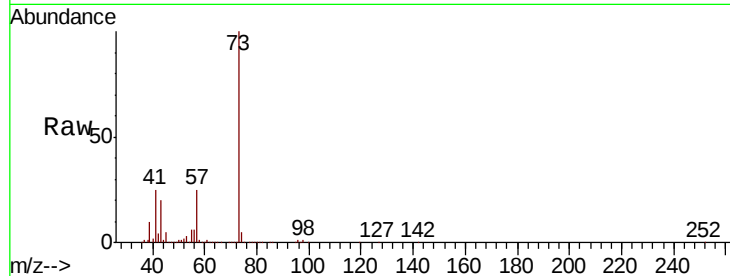
#19
Methvl tert-butvl Ether
Concen: 47.62 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX004467.D
Acq: 11 Sep 2018 13:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 73 Resp: 506590
Ion Ratio Lower Upper
73 100
57 25.0 17.1 25.7

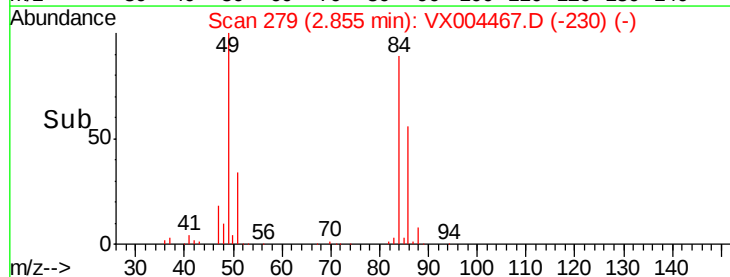
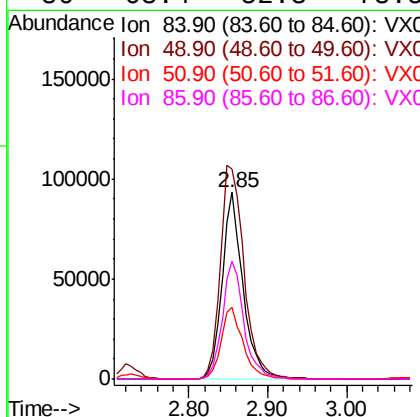
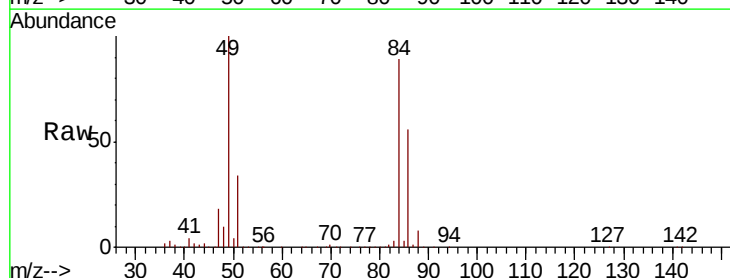
Manual Integrations
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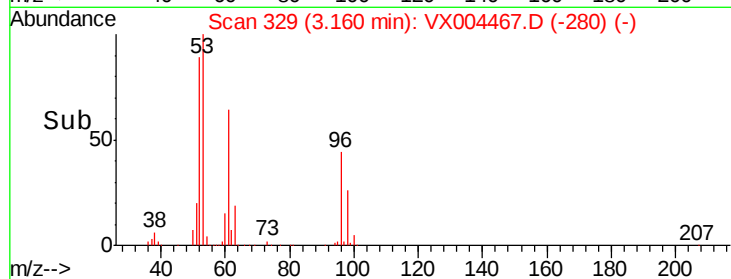
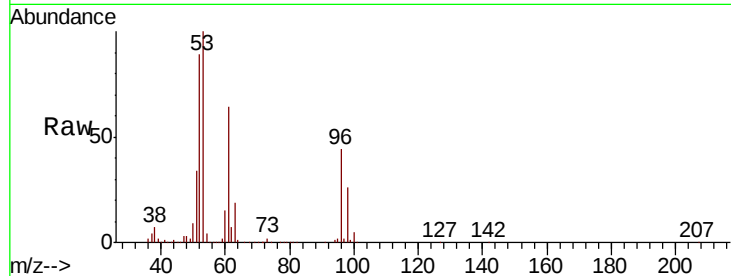
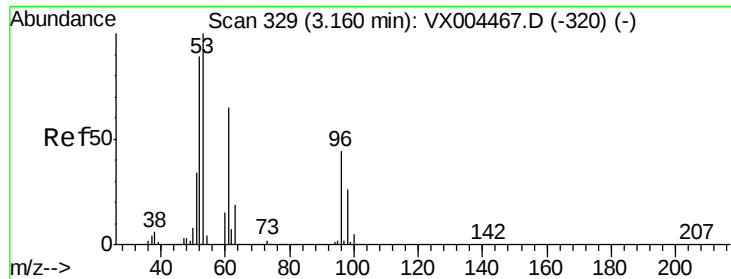
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#20
Methylene Chloride
Concen: 45.68 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX004467.D
Acq: 11 Sep 2018 13:54

Tgt Ion: 84 Resp: 171141
Ion Ratio Lower Upper
84 100
49 112.3 101.2 151.8
51 38.5 29.5 44.3
86 63.4 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 47.58 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX004467.D

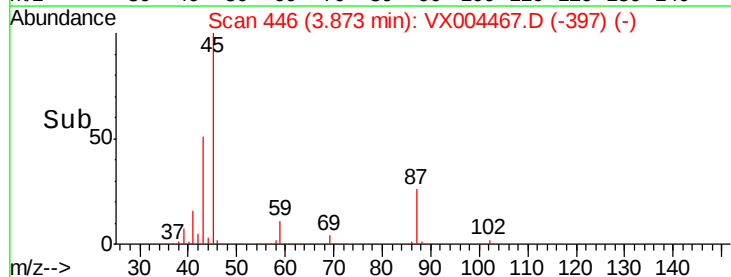
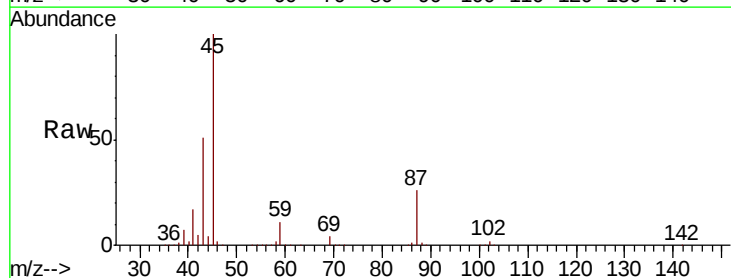
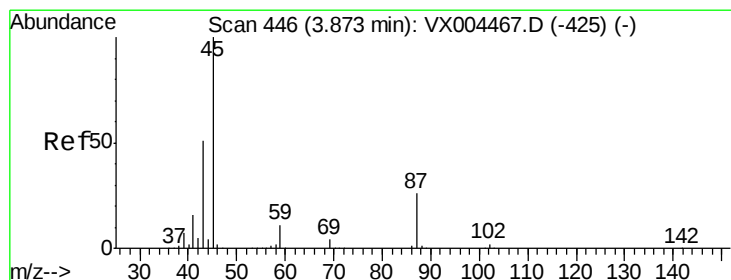
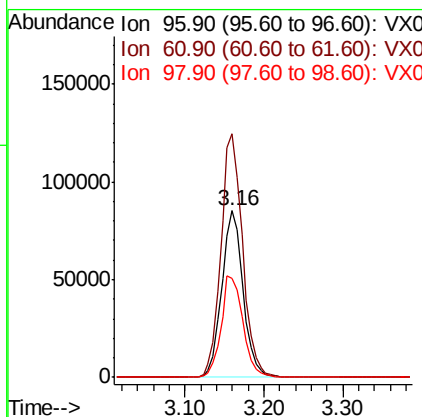
Acq: 11 Sep 2018 13:54

Tot Ion:	96	Resp:	159426
Ion	Ratio	Lower	Upper
96	100		
61	146.3	113.8	170.6
98	59.3	51.8	77.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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#22

Diisopropyl ether

Concen: 48.42 ug/l

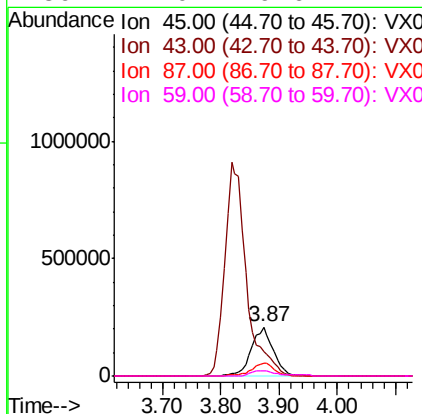
RT: 3.87 min Scan# 446

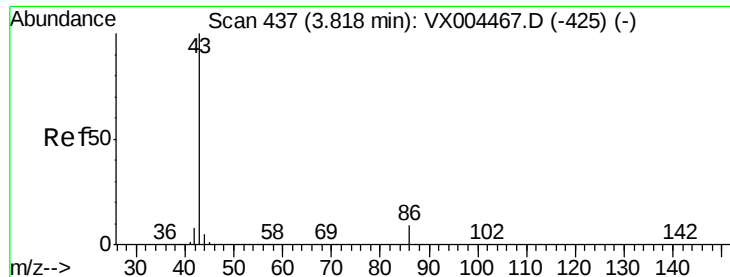
Delta R.T. 0.00 min

Lab File: VX004467.D

Acq: 11 Sep 2018 13:54

Tgt Ion:	45	Resp:	543611
Ion	Ratio	Lower	Upper
45	100		
43	50.6	42.8	64.2
87	25.7	22.6	34.0
59	11.0	9.6	14.4





#23

Vinyl Acetate

Concen: 258.54 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX004467.D

Acq: 11 Sep 2018 13:54

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

Tot Ion: 43 Resp: 2349037

Ion Ratio Lower Upper

43 100

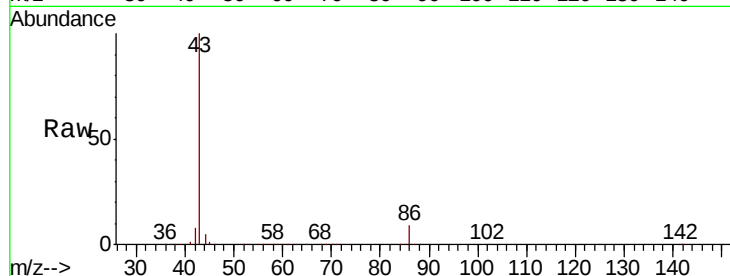
86 9.0 8.9 13.3

Manual Integrations

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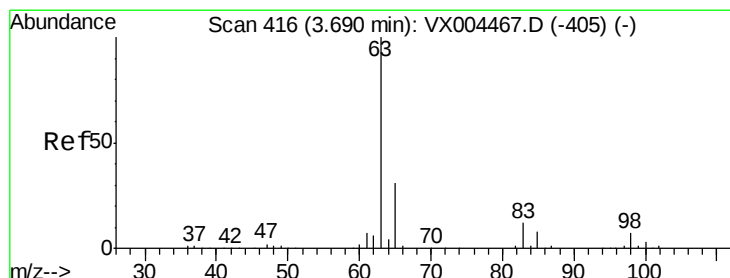
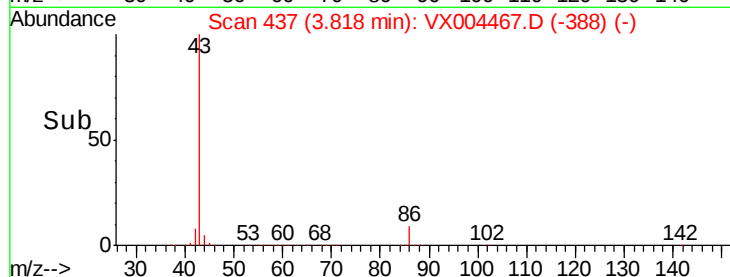
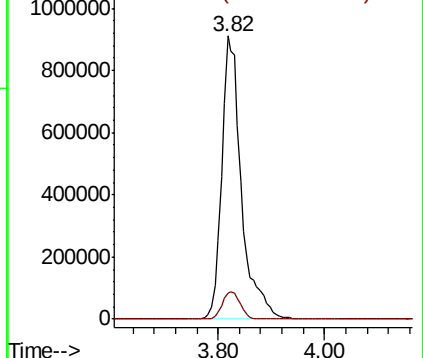
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 48.76 ug/l

RT: 3.69 min Scan# 416

Delta R.T. 0.00 min

Lab File: VX004467.D

Acq: 11 Sep 2018 13:54

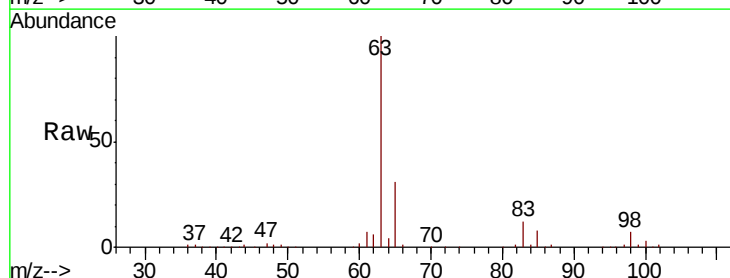
Tgt Ion: 63 Resp: 309090

Ion Ratio Lower Upper

63 100

98 6.6 3.5 10.4

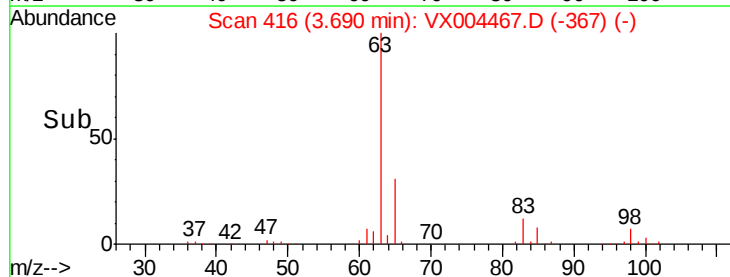
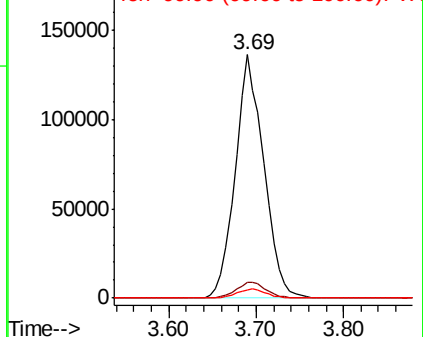
100 3.3 2.4 7.1

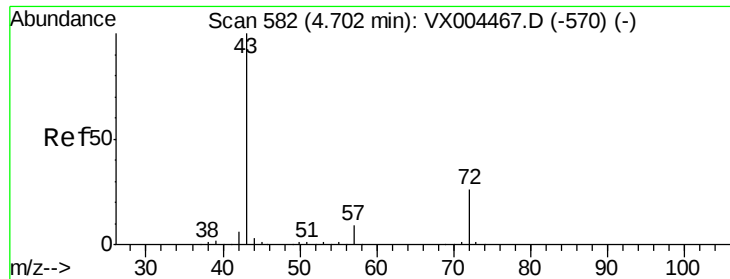


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 230.78 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX004467.D

Acq: 11 Sep 2018 13:54

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

Tot Ion: 43 Resp: 670775

Ion Ratio Lower Upper

43 100

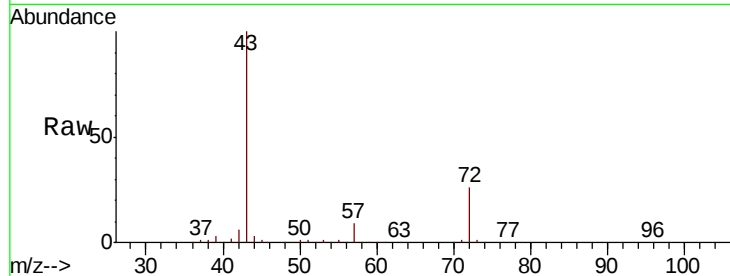
72 25.5 22.0 33.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

250000

200000

150000

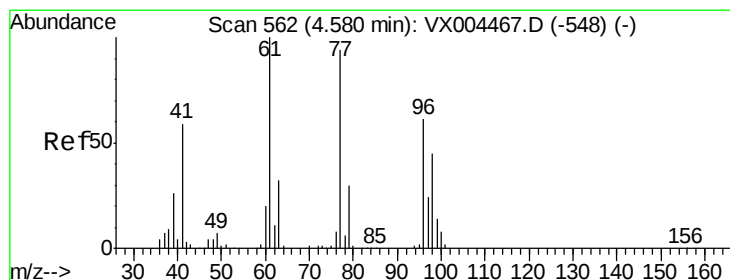
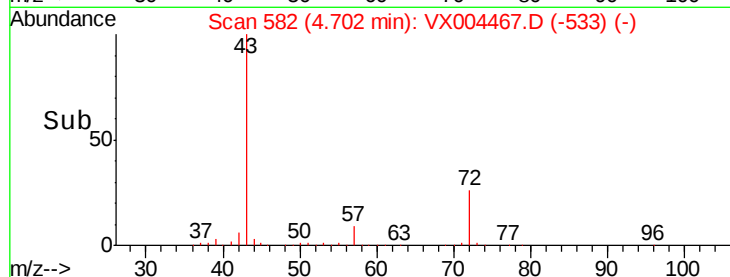
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 47.81 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX004467.D

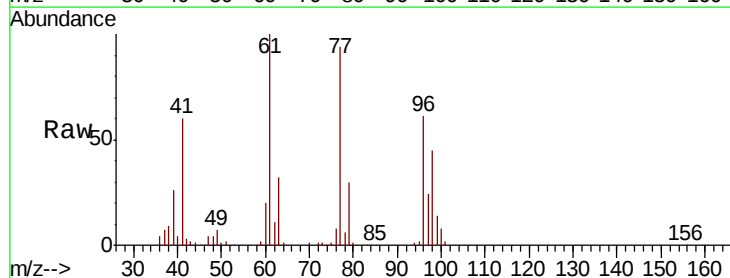
Acq: 11 Sep 2018 13:54

Tgt Ion: 77 Resp: 208158

Ion Ratio Lower Upper

77 100

97 25.0 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

60000

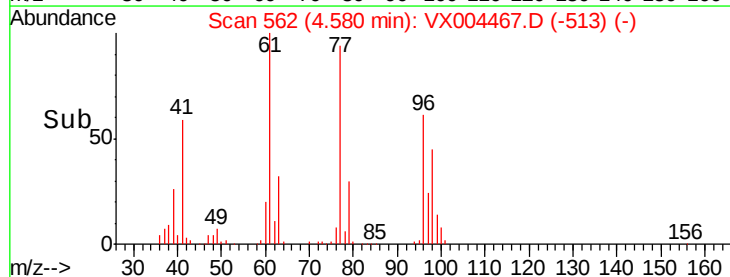
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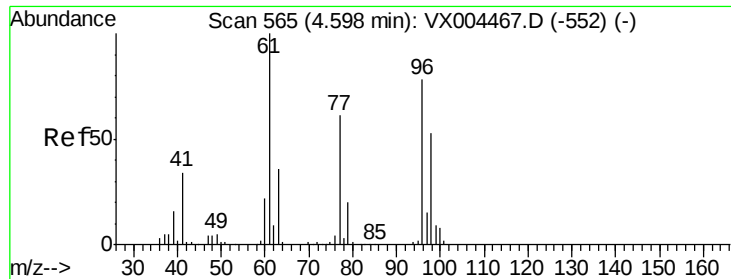
20000

0

4.40 4.50 4.60 4.70

Time-->





#27

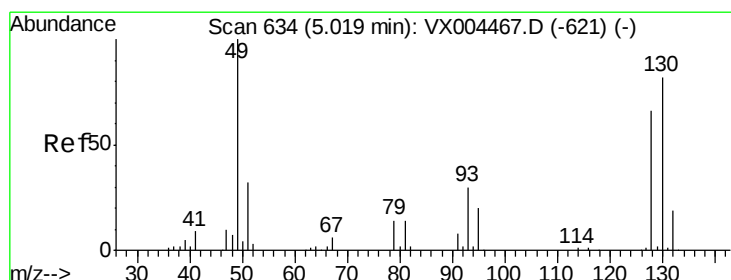
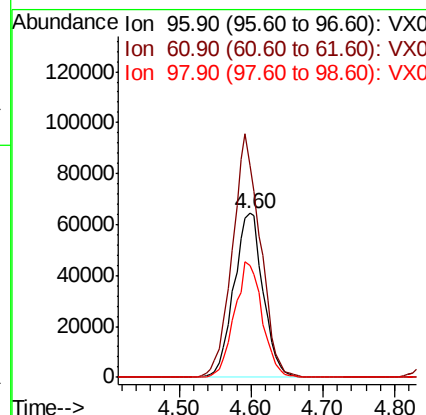
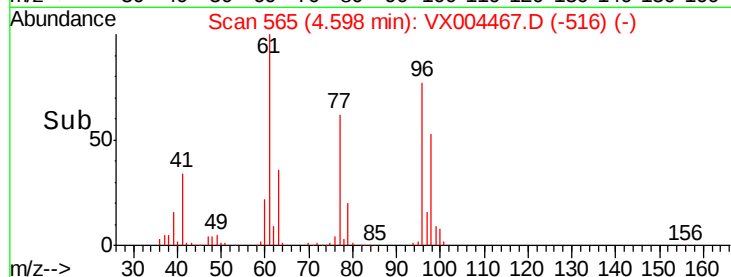
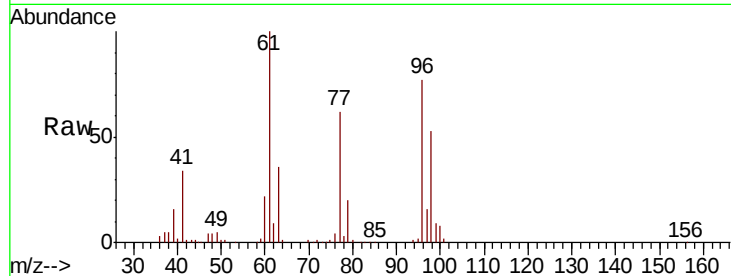
cis-1,2-Dichloroethene
 Concen: 48.44 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX004467.D
 Acq: 11 Sep 2018 13:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.7	0.0	282.6
98	67.0	0.0	130.2

Manual Integrations
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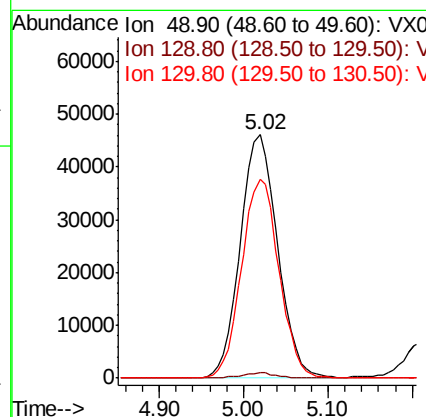
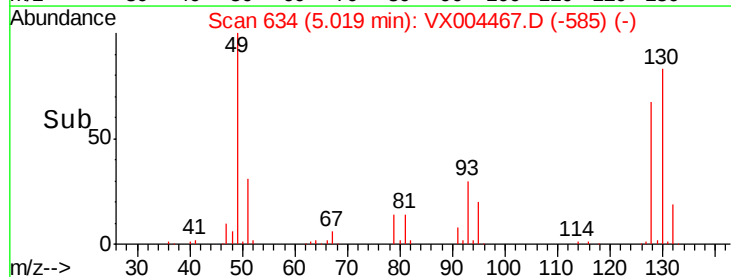
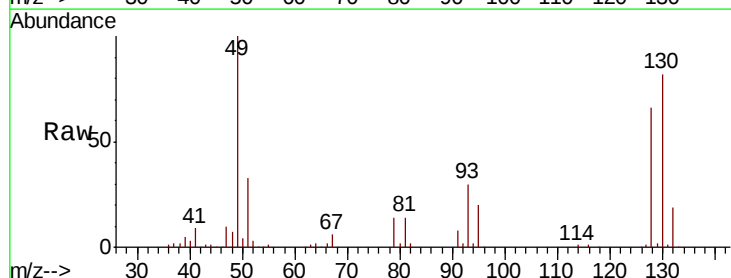
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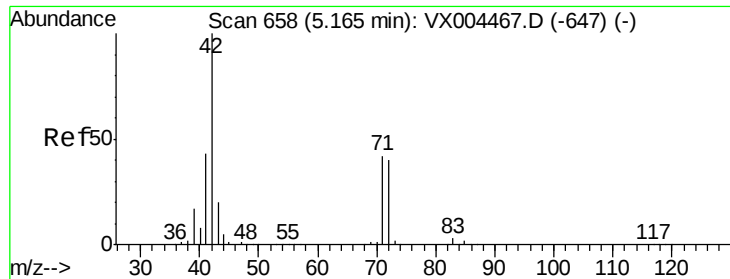


#28

Bromochloromethane
 Concen: 47.86 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VX004467.D
 Acq: 11 Sep 2018 13:54

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	81.9	67.5	101.3





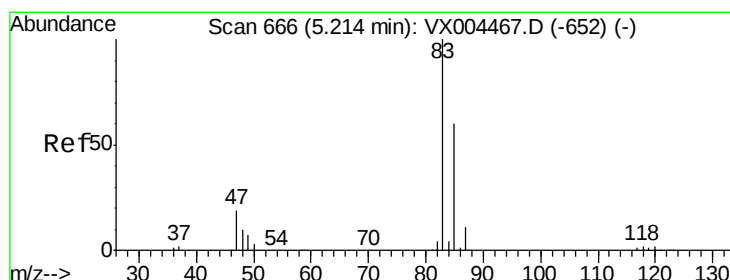
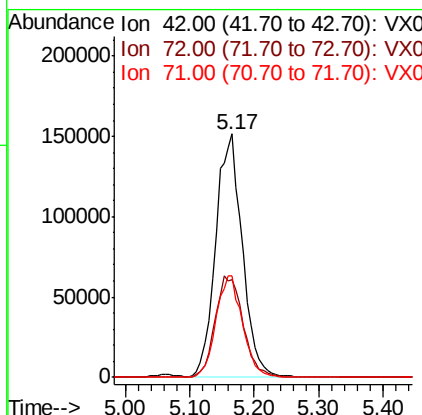
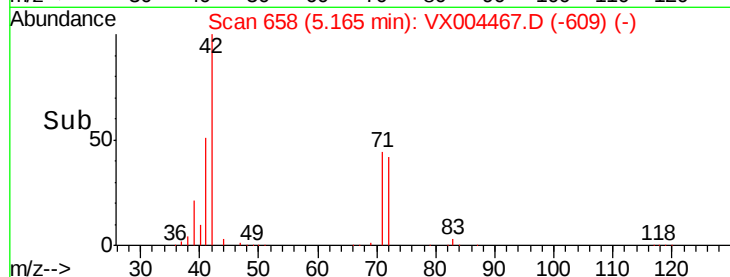
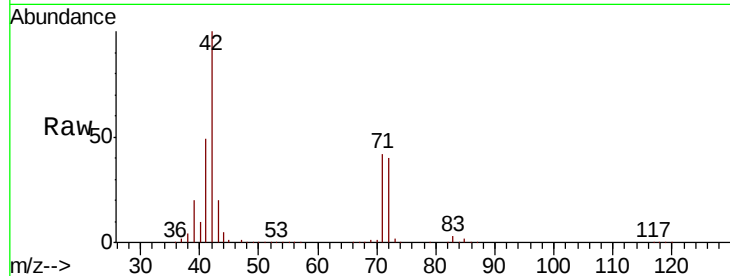
#29
Tetrahydrofuran
Concen: 251.48 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.00 min
Lab File: VX004467.D
Acq: 11 Sep 2018 13:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.1	37.4	56.0
71	41.5	34.5	51.7

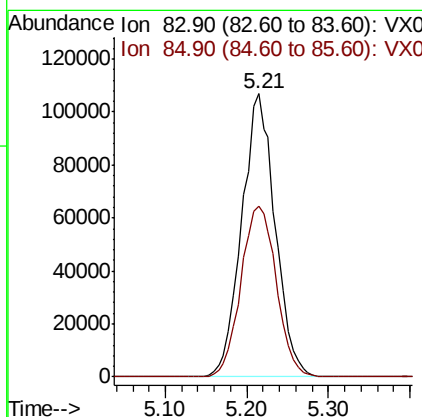
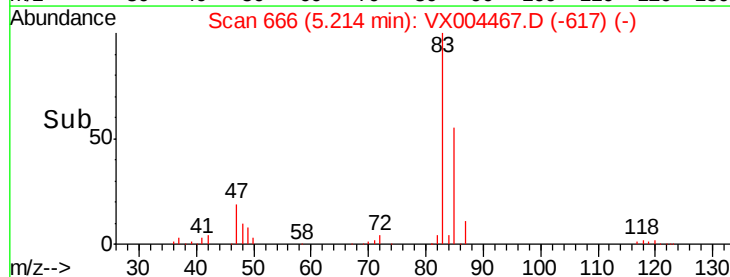
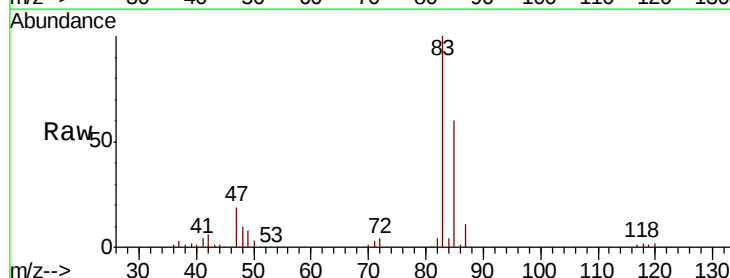
Manual Integrations
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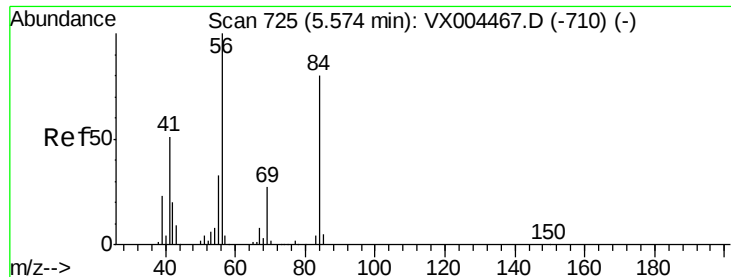
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#30
Chloroform
Concen: 49.16 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX004467.D
Acq: 11 Sep 2018 13:54

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.4	52.6	79.0





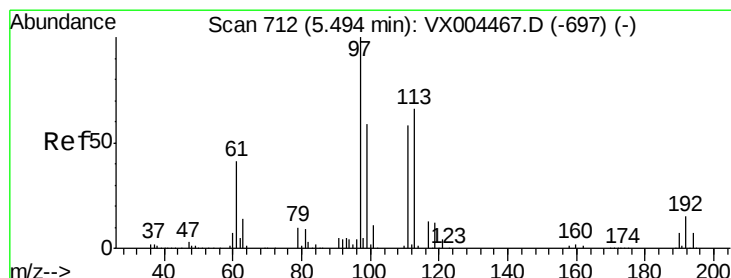
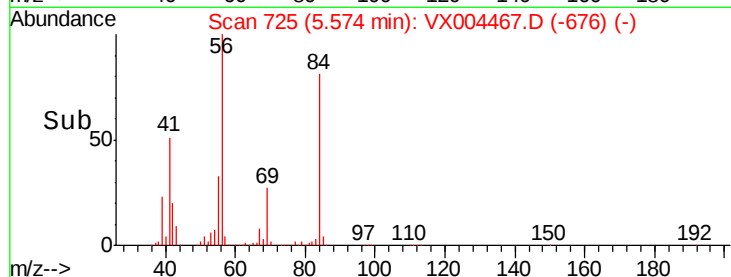
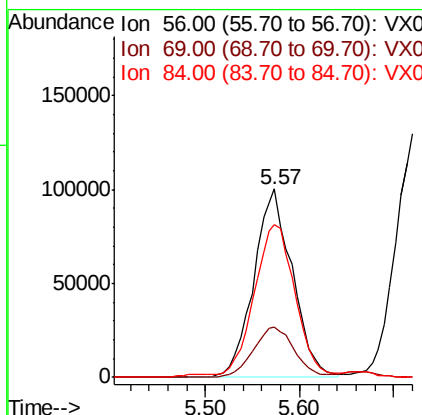
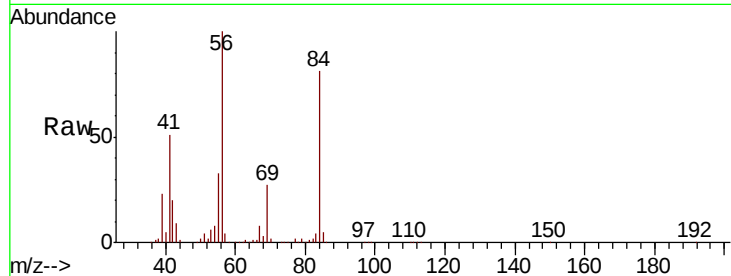
#31
Cyclohexane
Concen: 53.05 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX004467.D
Acq: 11 Sep 2018 13:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	27.1	25.4	38.2
84	80.2	71.4	107.2

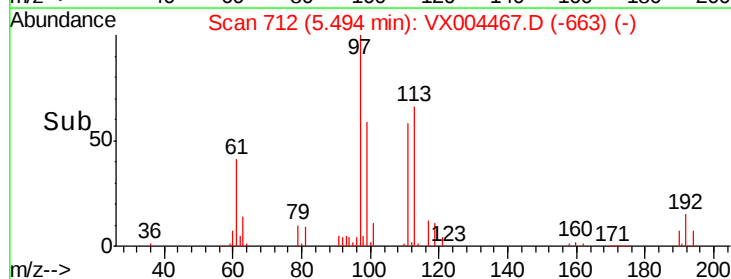
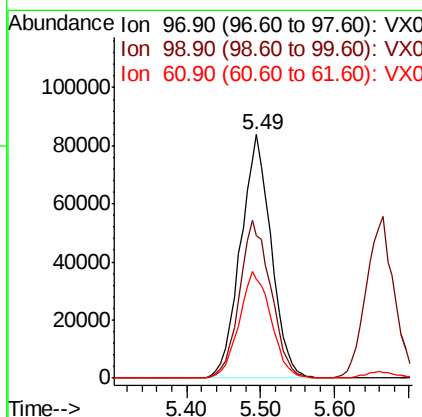
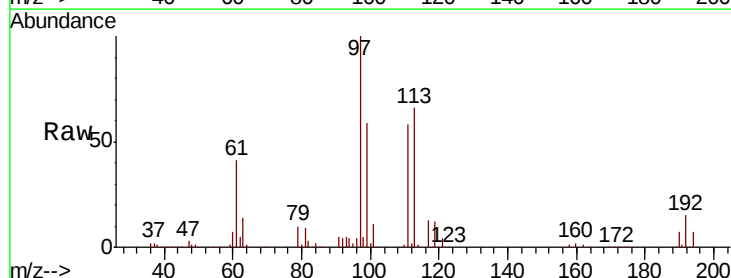
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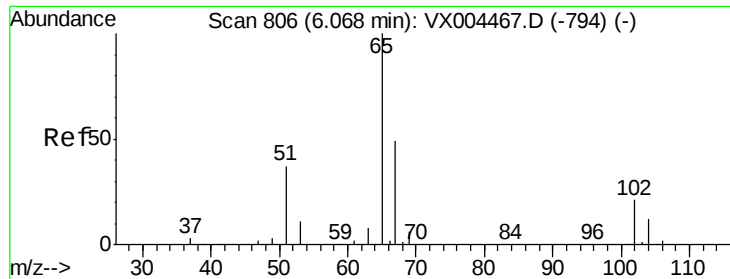
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#32
1,1,1-Trichloroethane
Concen: 48.43 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX004467.D
Acq: 11 Sep 2018 13:54

Tgt Ion	Ratio	Lower	Upper
97	100		
99	66.4	52.0	78.0
61	45.7	34.9	52.3





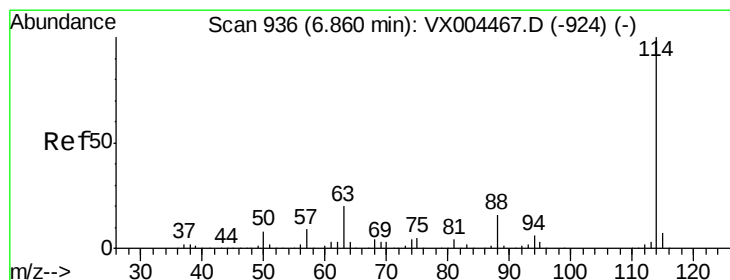
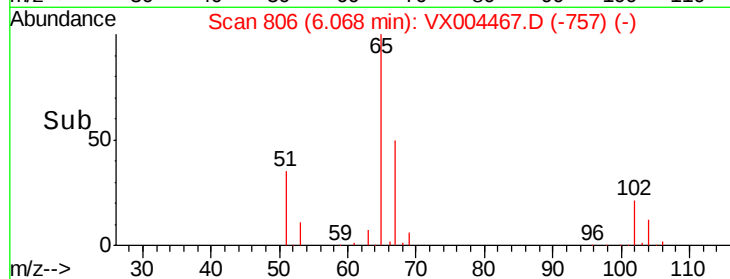
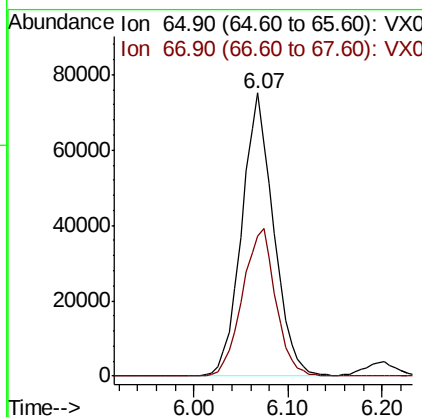
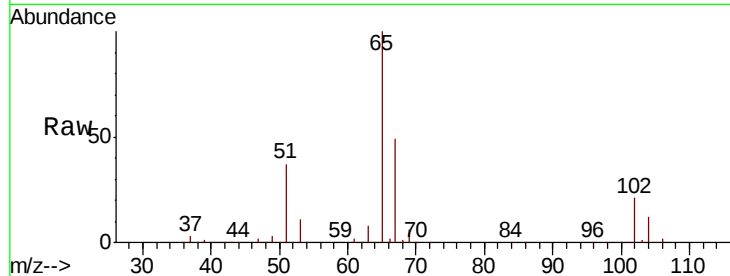
#33
 1,2-Dichloroethane-d4
 Concen: 47.54 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX004467.D
 Acq: 11 Sep 2018 13:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	177900		
67	54.5	0.0	106.8	

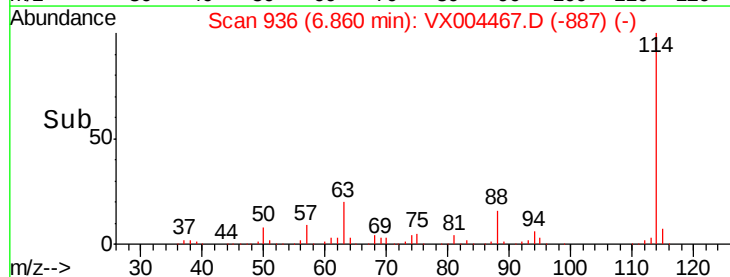
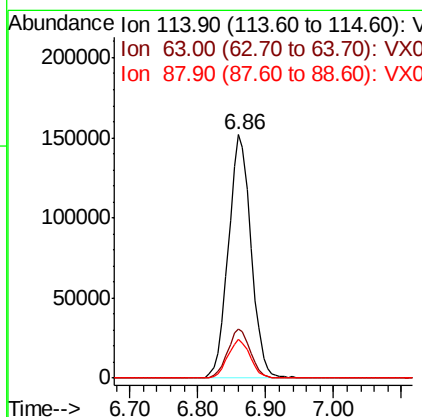
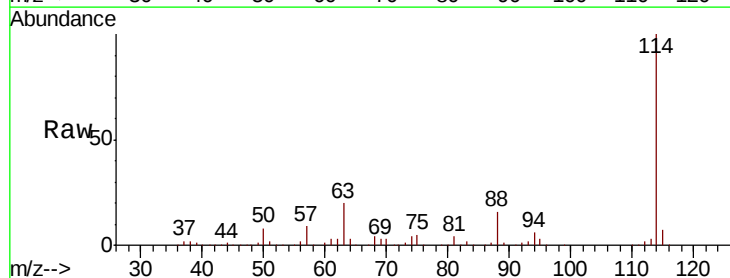
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX004467.D
 Acq: 11 Sep 2018 13:54

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	349707		
63	20.4	0.0	39.0	
88	15.8	0.0	30.4	





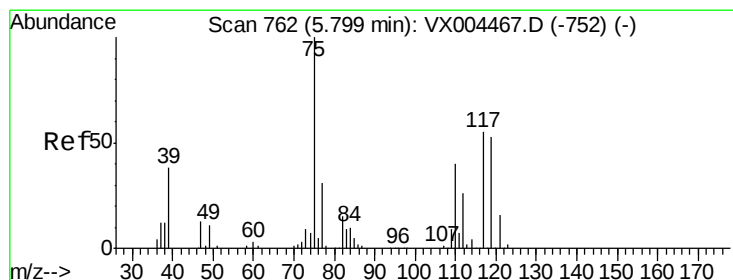
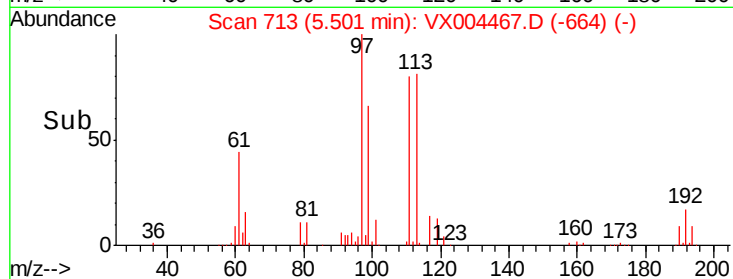
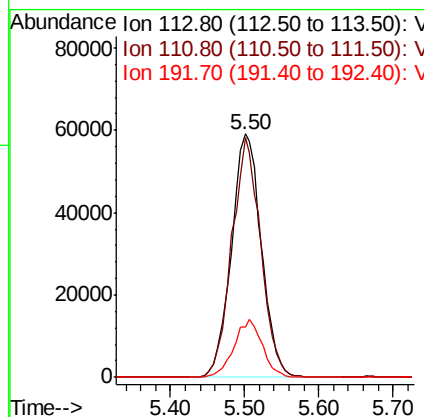
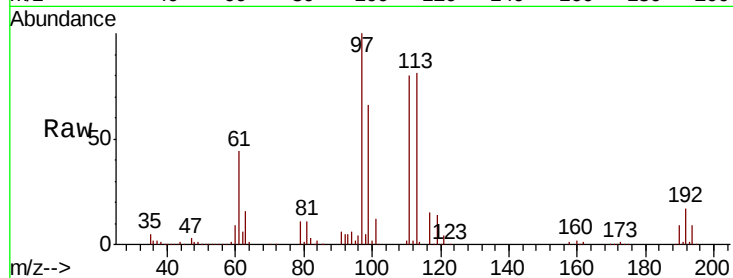
#35
 Dibromofluoromethane
 Concen: 51.95 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX004467.D
 Acq: 11 Sep 2018 13:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	95.5	82.4	123.6
192	22.4	19.4	29.2

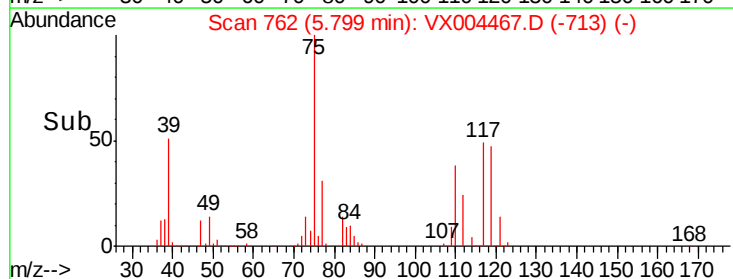
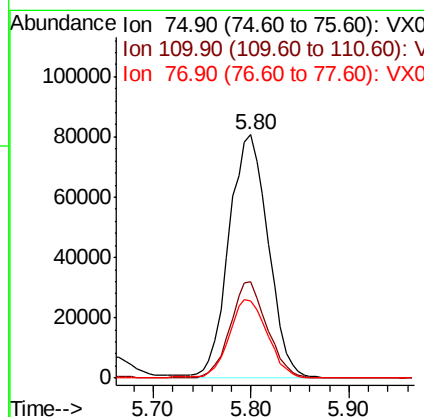
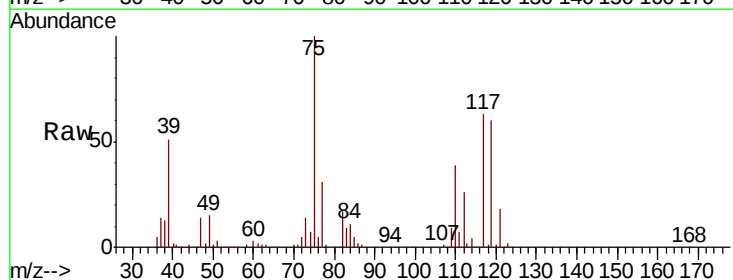
Manual Integrations
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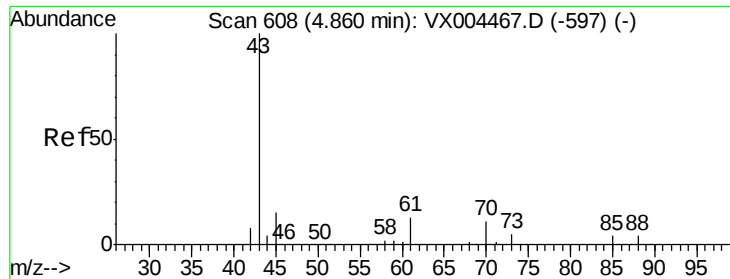
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#36
 1,1-Dichloropropene
 Concen: 52.51 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX004467.D
 Acq: 11 Sep 2018 13:54

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.2	18.0	54.0
77	32.2	24.6	36.8





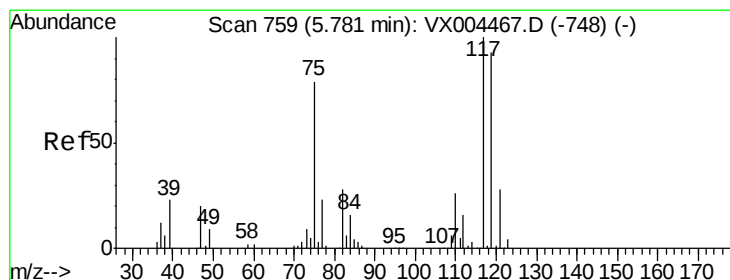
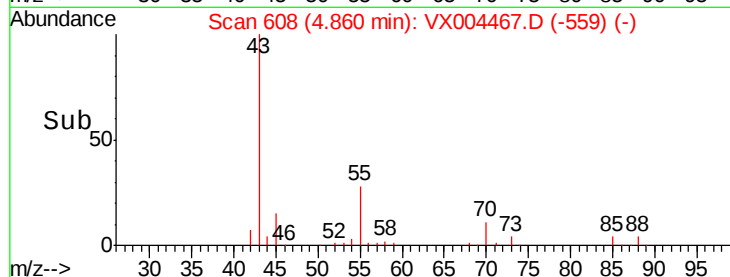
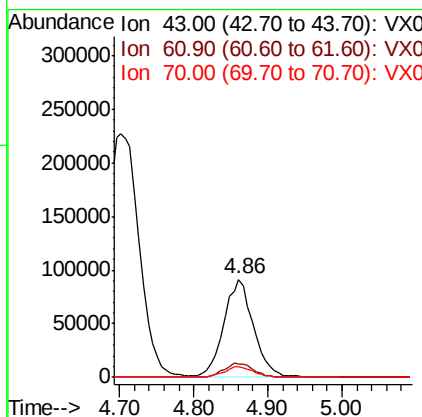
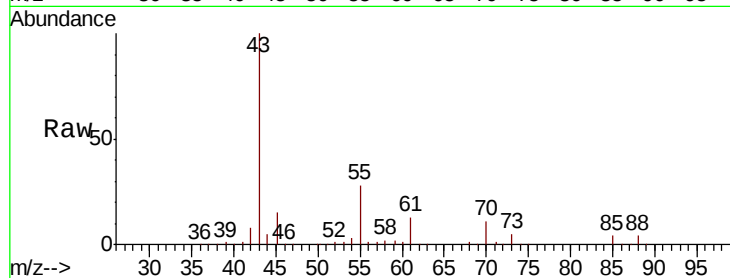
#37
Ethyl Acetate
Concen: 52.48 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX004467.D
Acq: 11 Sep 2018 13:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.7	11.5	17.3
70	10.8	9.0	13.6

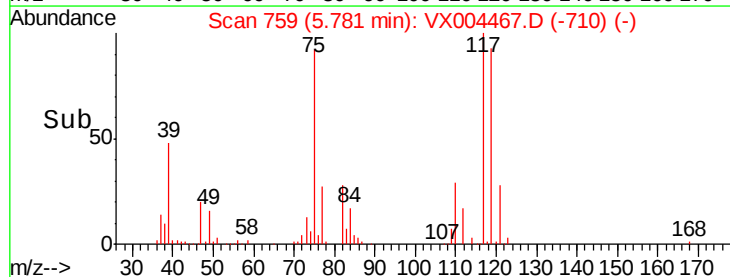
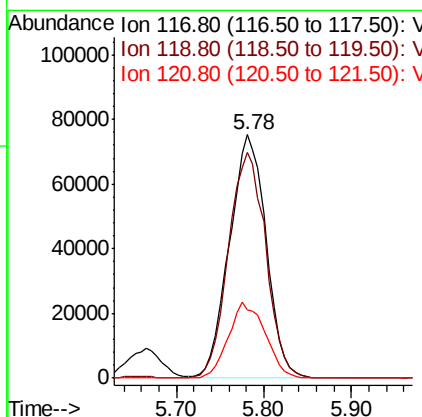
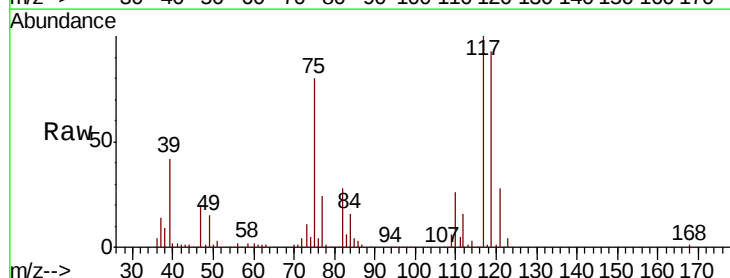
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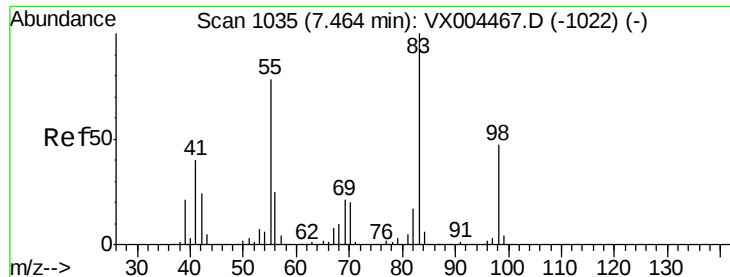
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#38
Carbon Tetrachloride
Concen: 52.80 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX004467.D
Acq: 11 Sep 2018 13:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.7	78.8	118.2
121	28.3	24.9	37.3





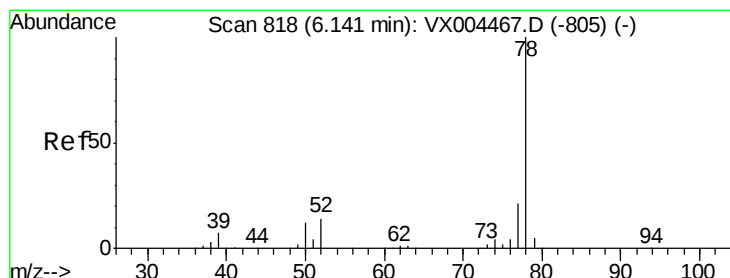
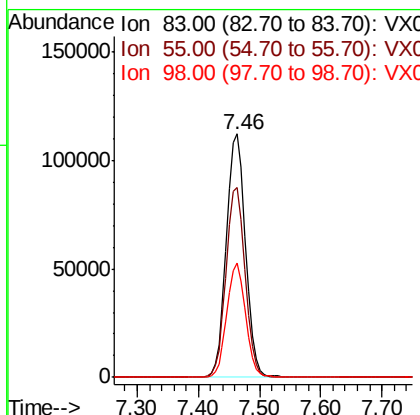
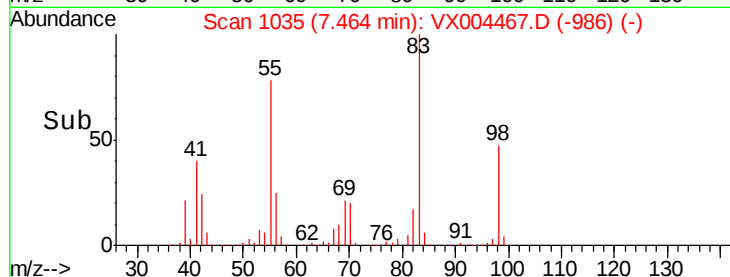
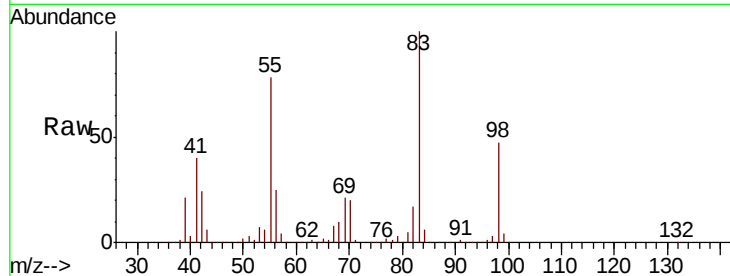
#39
Methvlcvclohexane
Concen: 54.67 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX004467.D
Acq: 11 Sep 2018 13:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	242232		
55	77.8	61.0	91.4	
98	46.8	39.6	59.4	

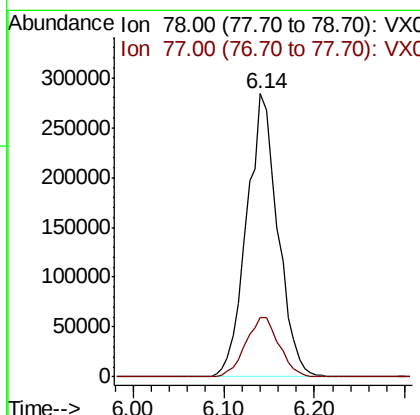
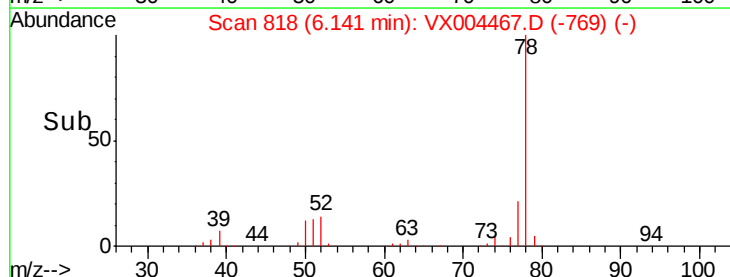
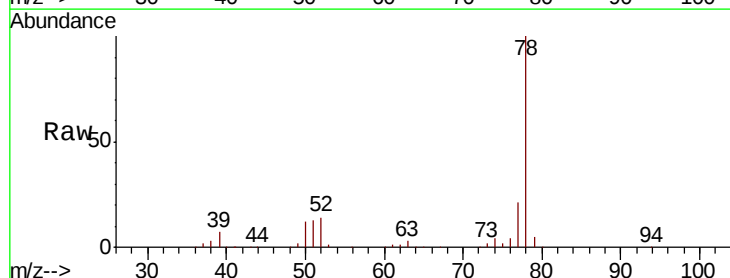
Manual Integrations
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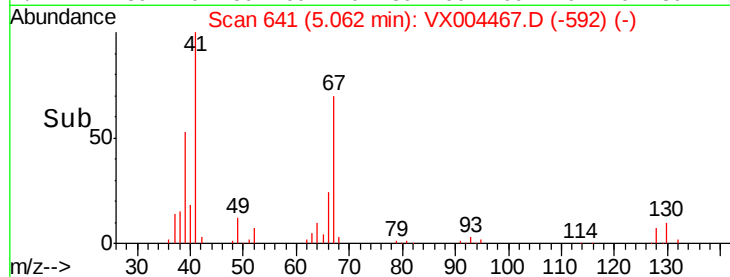
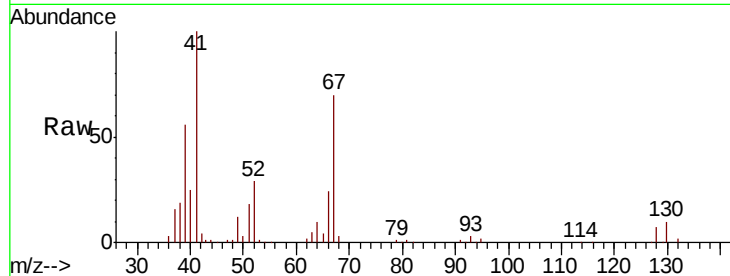
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#40
Benzene
Concen: 53.34 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX004467.D
Acq: 11 Sep 2018 13:54

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	671981		
77	21.2	19.0	28.4	





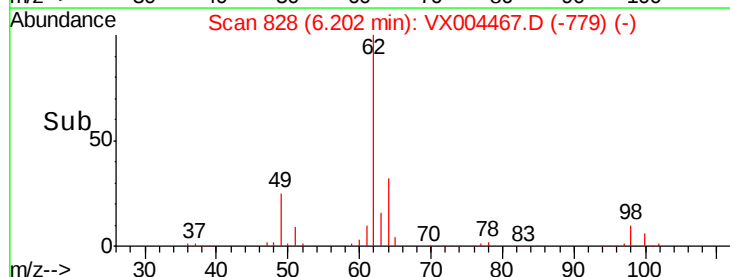
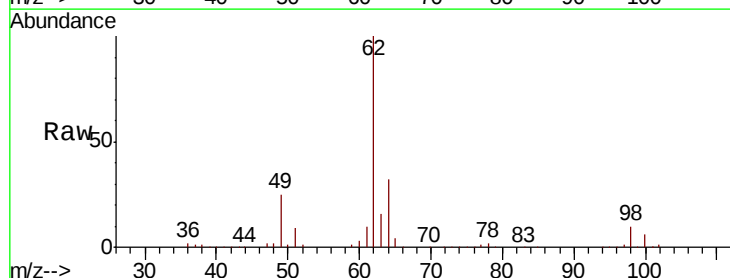
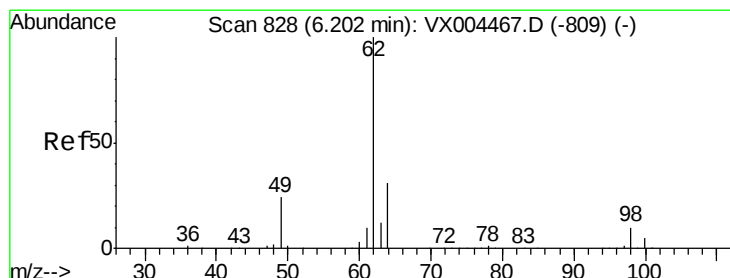
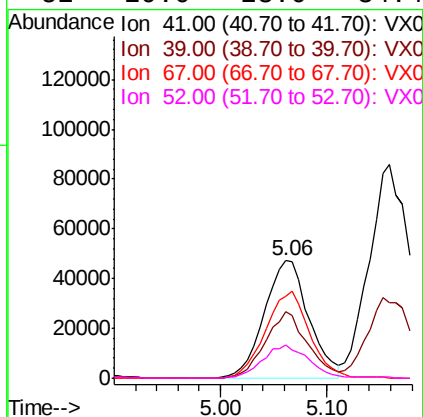
#41
Methacrylonitrile
Concen: 51.73 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX004467.D
Acq: 11 Sep 2018 13:54

Tot Ion	41	Resp	137639
Ion	Ratio	Lower	Upper
41	100		
39	53.4	42.4	63.6
67	73.8	59.2	88.8
52	29.0	23.0	34.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

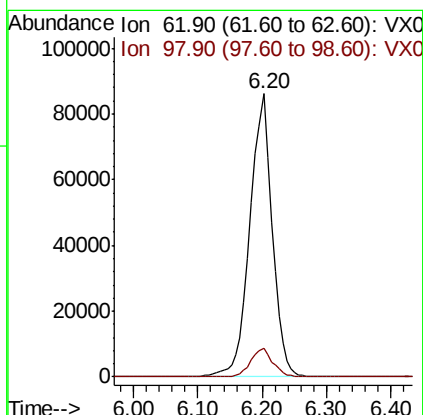
Manual Integrations
APPROVED

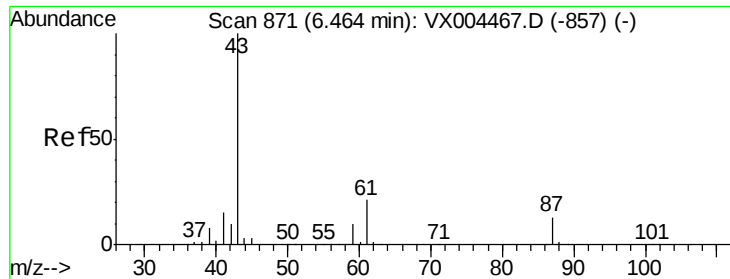
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#42
1,2-Dichloroethane
Concen: 49.00 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.00 min
Lab File: VX004467.D
Acq: 11 Sep 2018 13:54

Tgt Ion	62	Resp	204729
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	20.6





#43

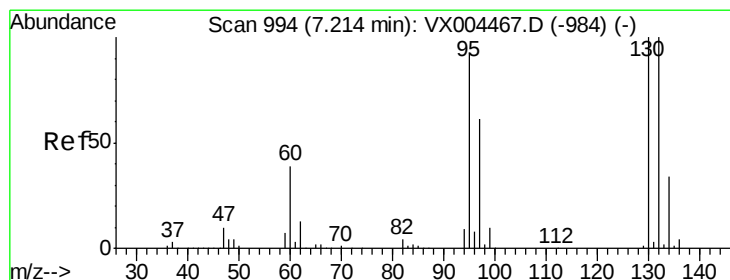
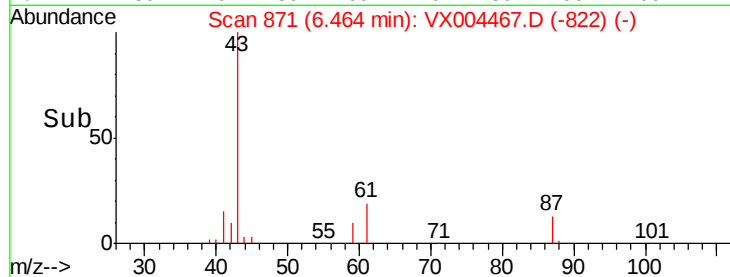
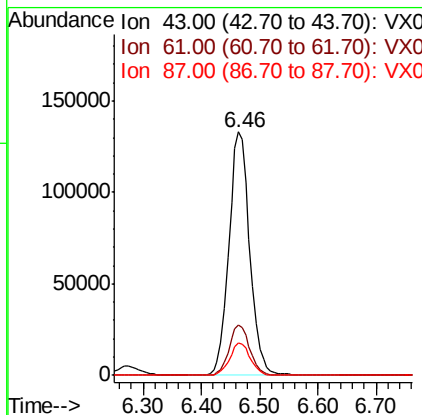
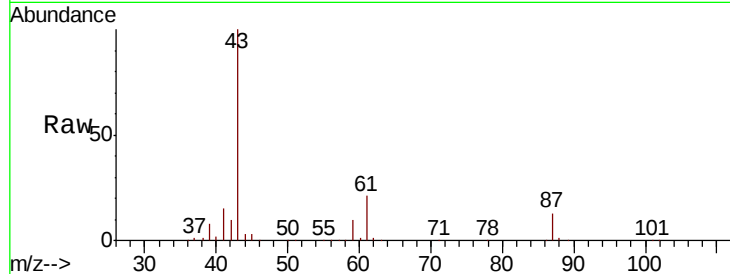
Isopropyl Acetate
 Concen: 51.62 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: VX004467.D
 Acq: 11 Sep 2018 13:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.6	17.0	25.4
87	13.2	11.4	17.2

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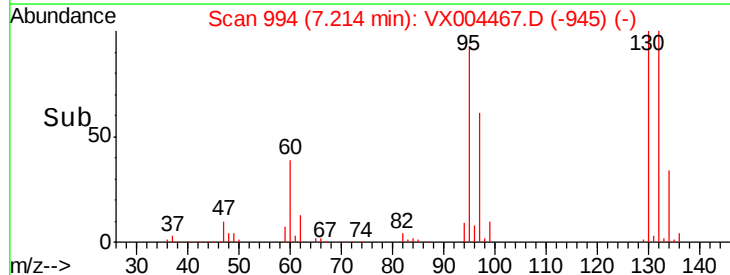
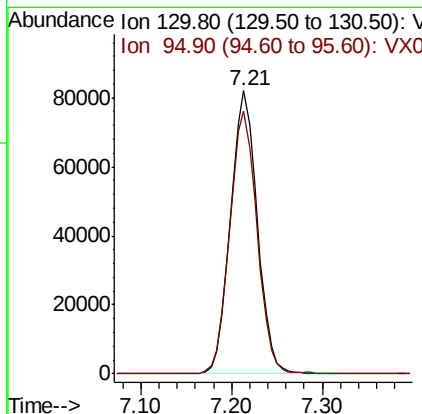
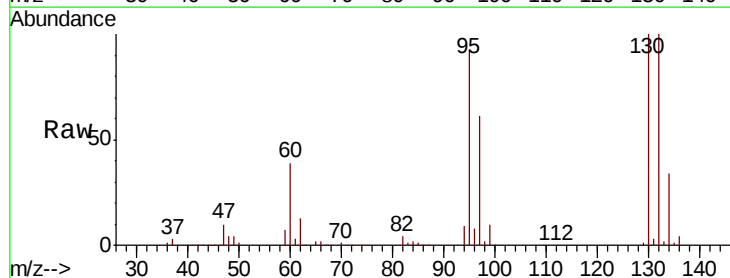
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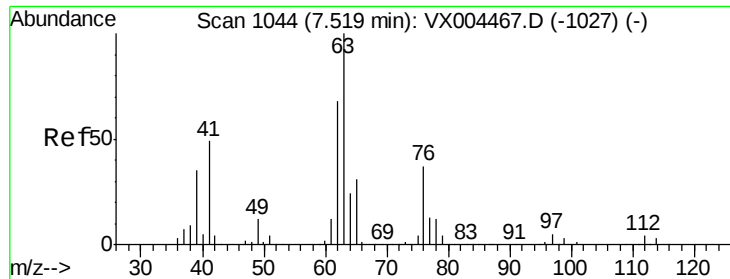


#44

Trichloroethene
 Concen: 51.50 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX004467.D
 Acq: 11 Sep 2018 13:54

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.1	0.0	181.6





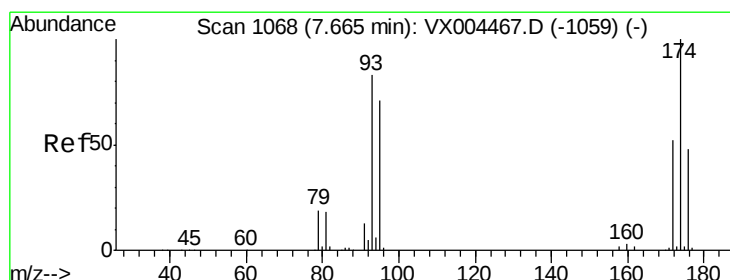
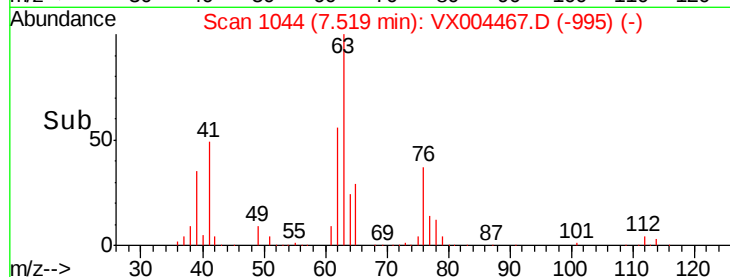
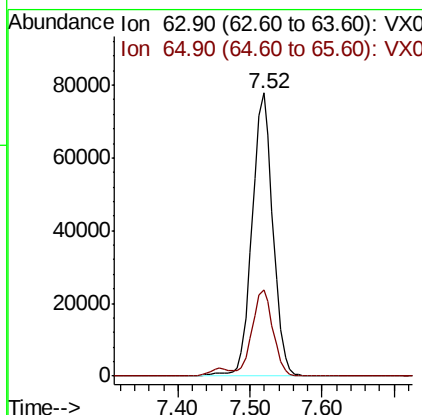
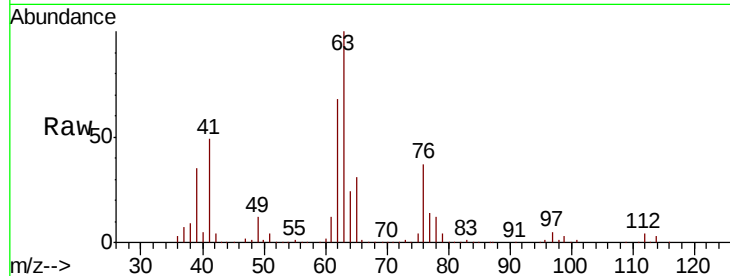
#45
 1,2-Dichloropropane
 Concen: 51.68 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX004467.D
 Acq: 11 Sep 2018 13:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion: 63 Resp: 156660
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.3 36.5

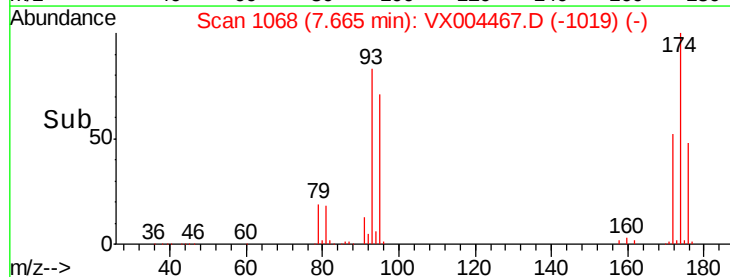
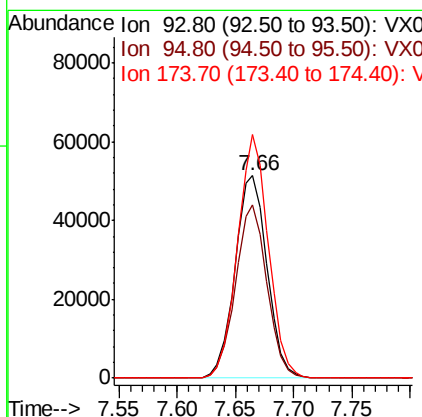
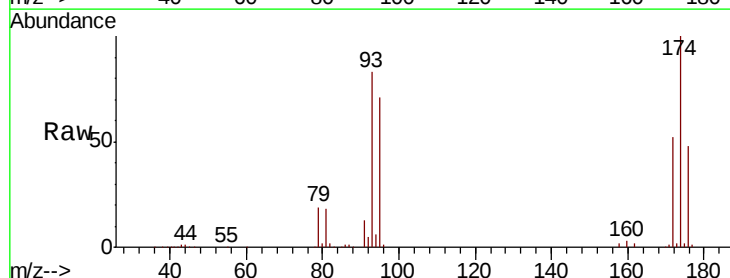
Manual Integrations
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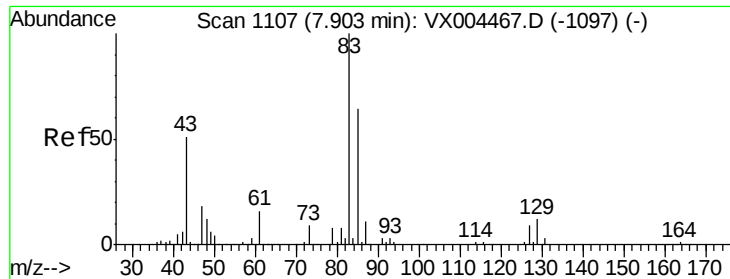
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#46
 Dibromomethane
 Concen: 51.63 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VX004467.D
 Acq: 11 Sep 2018 13:54

Tgt Ion: 93 Resp: 98873
 Ion Ratio Lower Upper
 93 100
 95 84.1 65.5 98.3
 174 115.7 94.2 141.4





#47

Bromodichloromethane

Concen: 52.45 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VX004467.D

Acq: 11 Sep 2018 13:54

Instrument :

MSVOA_X

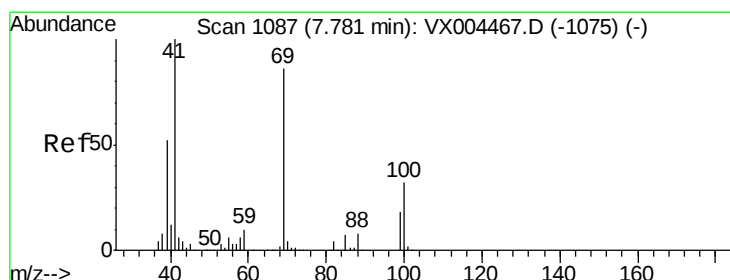
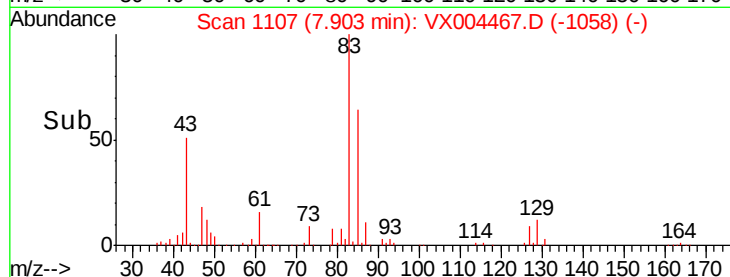
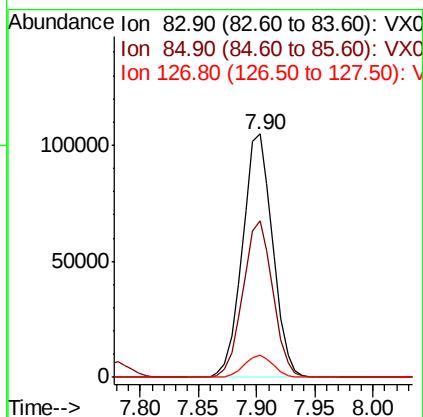
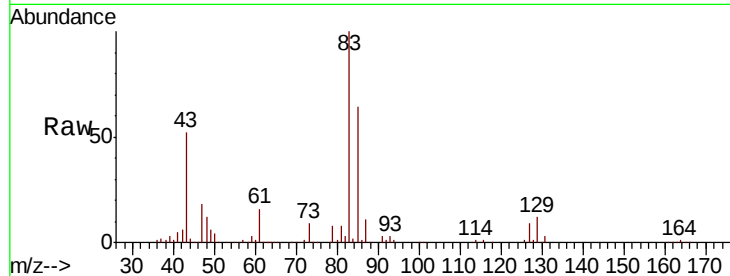
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	189942
Ion Ratio	Lower	Upper	
83	100		
85	64.4	50.9	76.3
127	8.9	7.3	10.9

Manual Integrations
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#48

Methyl methacrylate

Concen: 54.67 ug/l

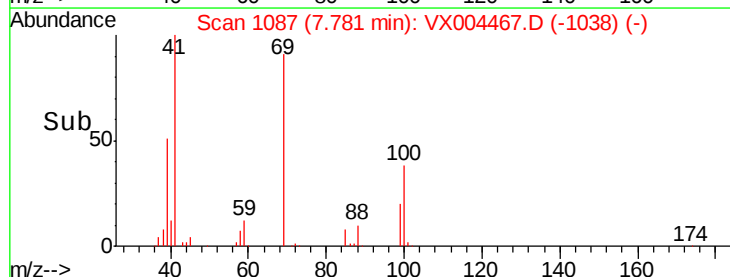
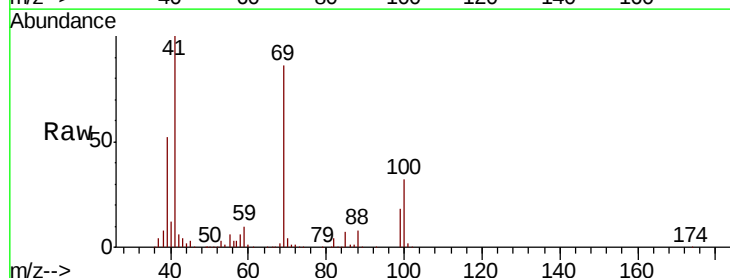
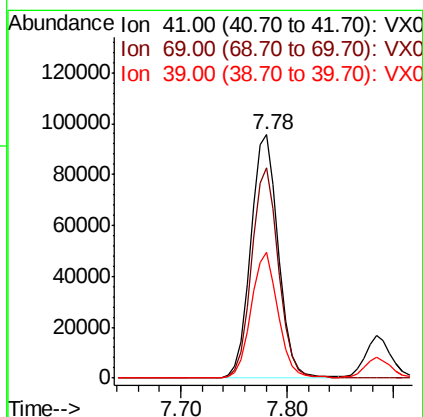
RT: 7.78 min Scan# 1087

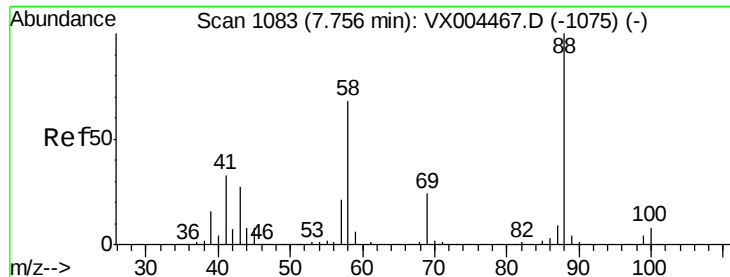
Delta R.T. 0.00 min

Lab File: VX004467.D

Acq: 11 Sep 2018 13:54

Tgt Ion:	41	Resp:	173512
Ion Ratio	Lower	Upper	
41	100		
69	85.0	70.2	105.4
39	50.4	42.7	64.1





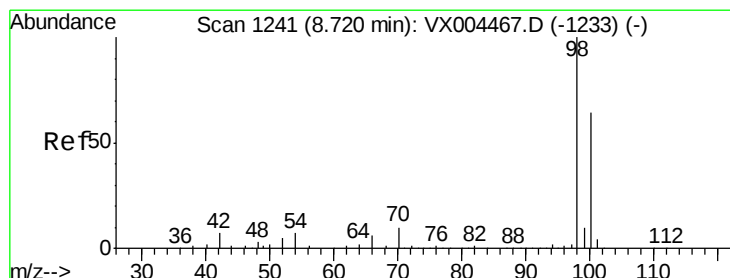
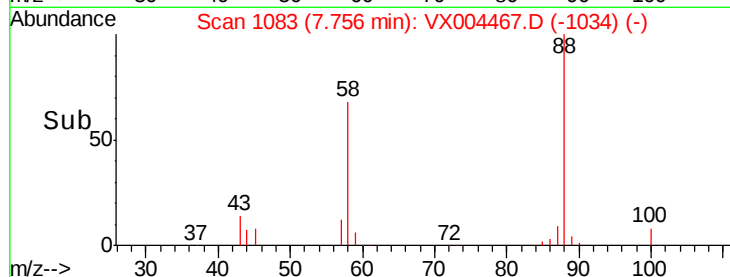
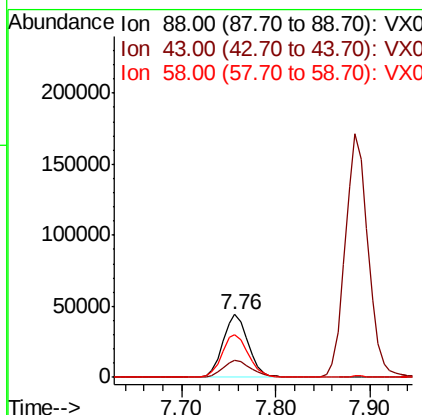
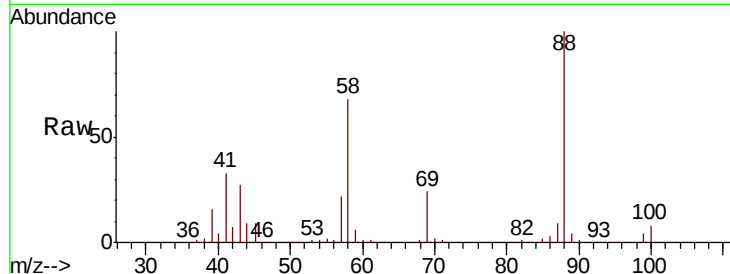
#49
1,4-Dioxane
Concen: 1095.64 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.00 min
Lab File: VX004467.D
Acq: 11 Sep 2018 13:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.3	24.7	37.1
58	71.2	55.3	82.9

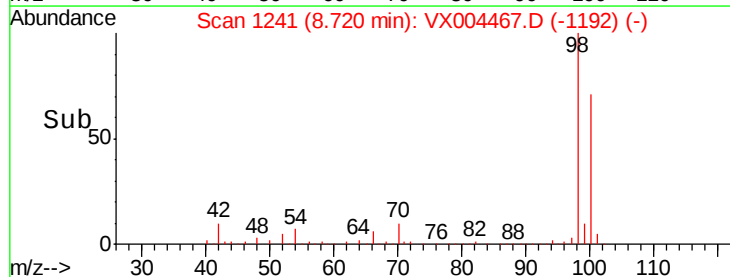
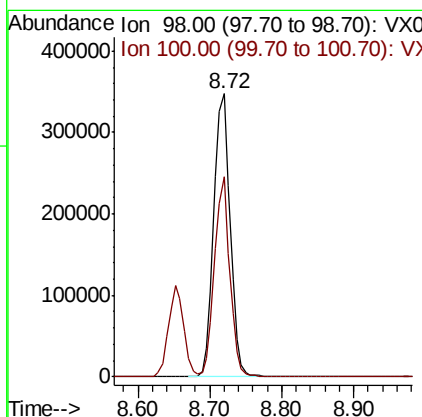
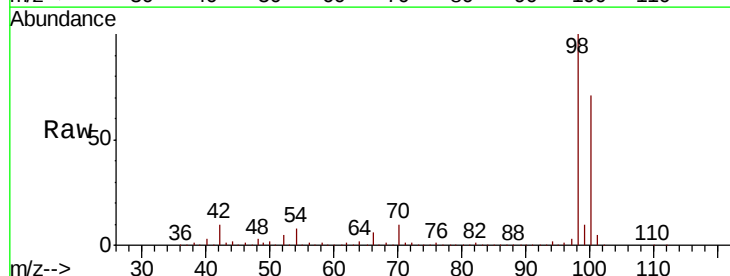
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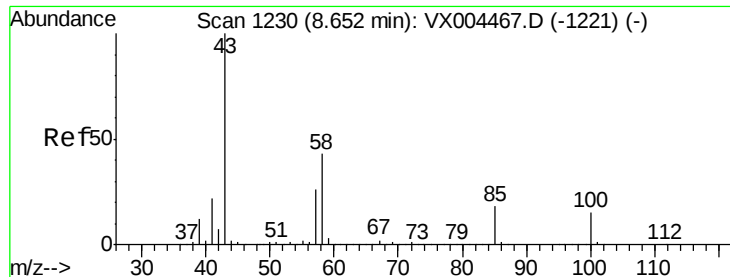
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#50
Toluene-d8
Concen: 51.06 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX004467.D
Acq: 11 Sep 2018 13:54

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 246.79 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. 0.00 min

Lab File: VX004467.D

Acq: 11 Sep 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 1116957

Ion Ratio Lower Upper

43 100

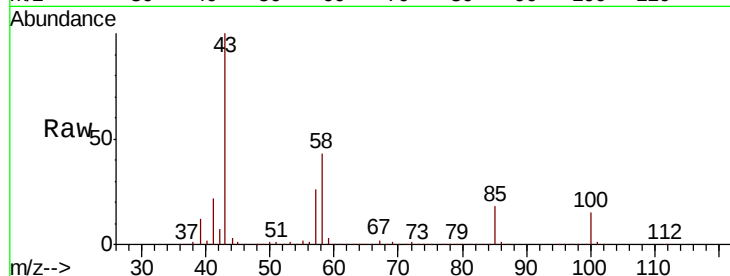
58 40.3 33.1 49.7

Manual Integrations

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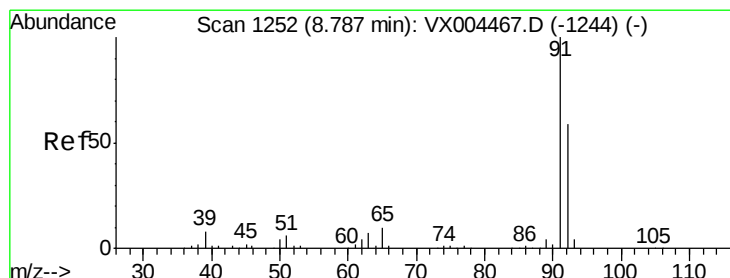
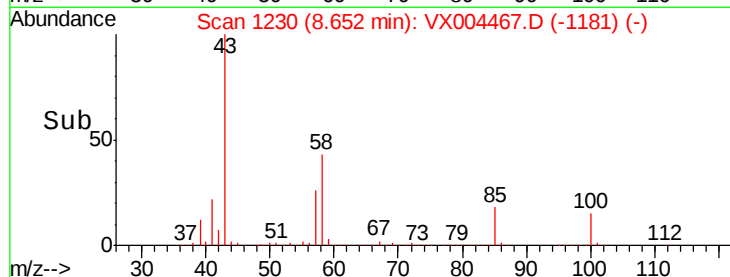
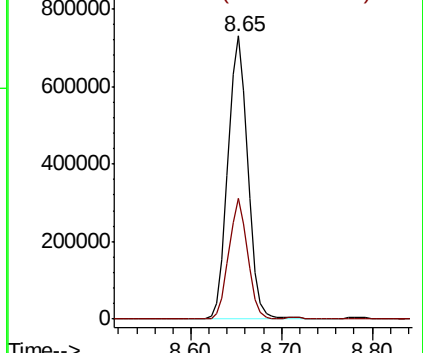
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 53.35 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX004467.D

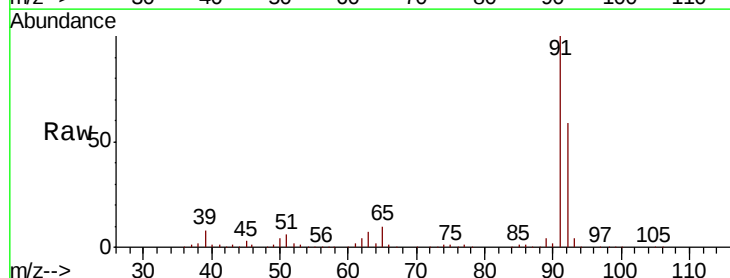
Acq: 11 Sep 2018 13:54

Tgt Ion: 92 Resp: 395940

Ion Ratio Lower Upper

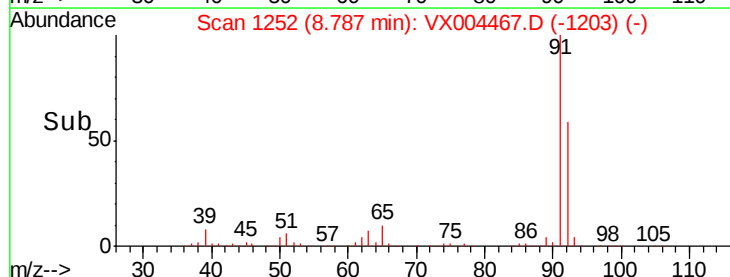
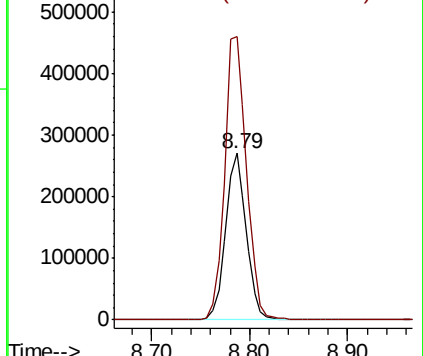
92 100

91 179.1 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





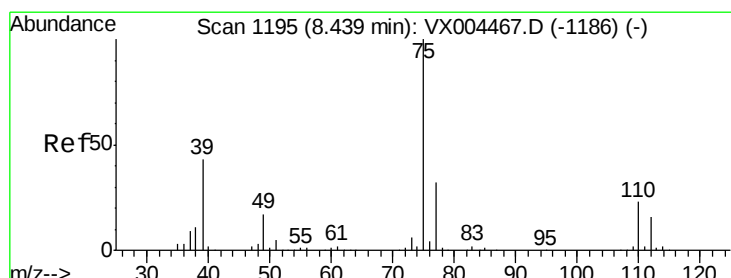
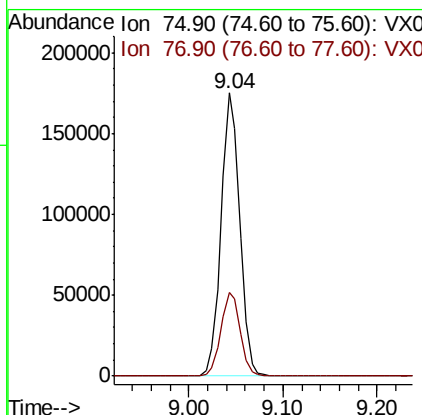
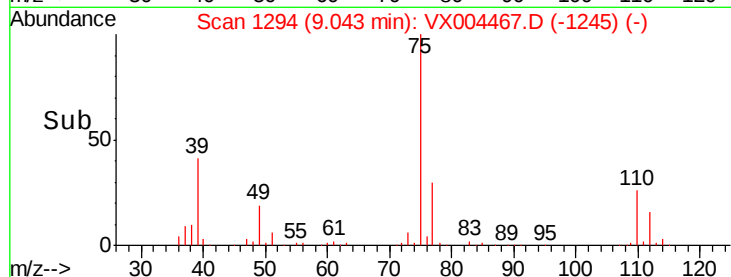
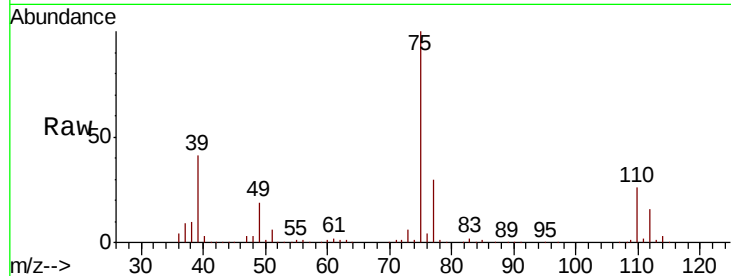
#53
 t-1,3-Dichloropropene
 Concen: 56.87 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX004467.D
 Acq: 11 Sep 2018 13:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion: 75 Resp: 240571
 Ion Ratio Lower Upper
 75 100
 77 29.6 24.6 37.0

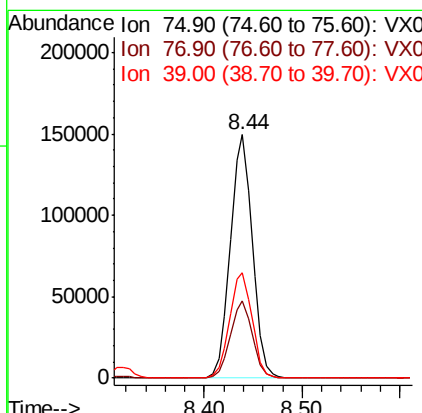
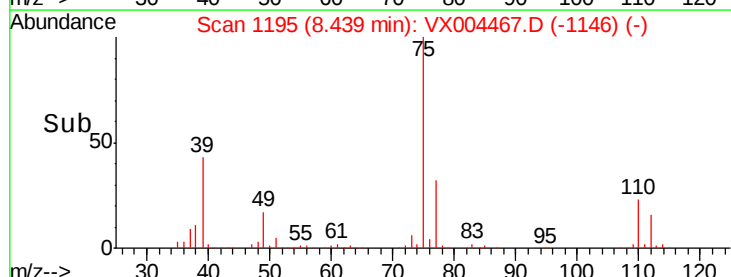
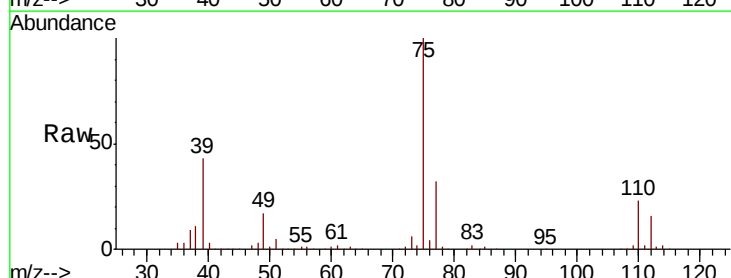
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#54
 cis-1,3-Dichloropropene
 Concen: 54.15 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: VX004467.D
 Acq: 11 Sep 2018 13:54

Tgt Ion: 75 Resp: 233523
 Ion Ratio Lower Upper
 75 100
 77 31.8 26.2 39.2
 39 43.1 36.4 54.6





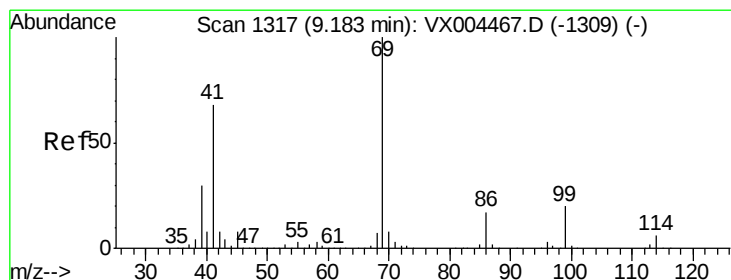
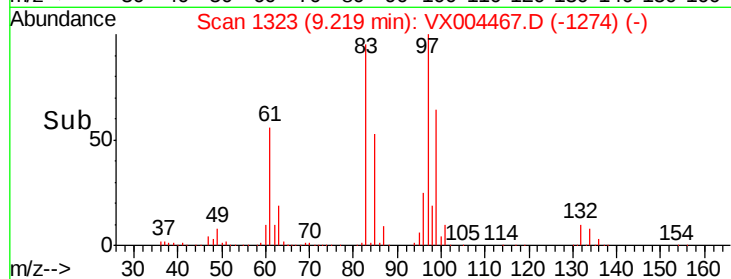
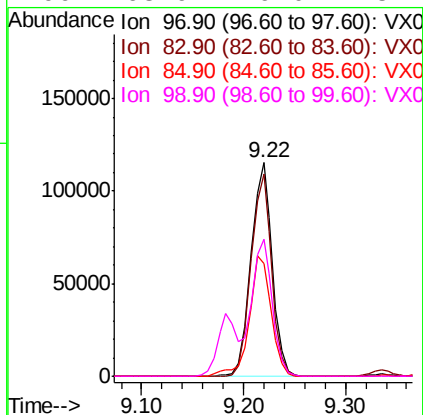
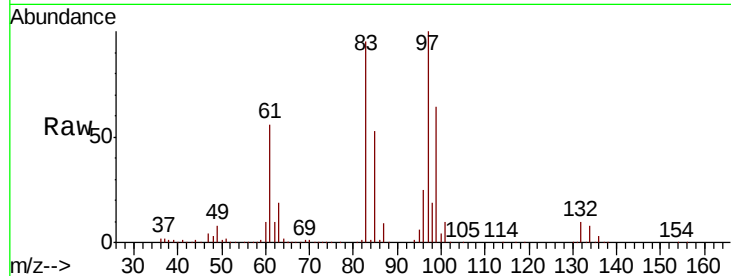
#55
 1,1,2-Trichloroethane
 Concen: 52.63 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX004467.D
 Acq: 11 Sep 2018 13:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion:	97	Resp:	168173
Ion	Ratio	Lower	Upper
97	100		
83	94.5	66.4	99.6
85	52.6	43.3	64.9
99	63.9	49.0	73.4

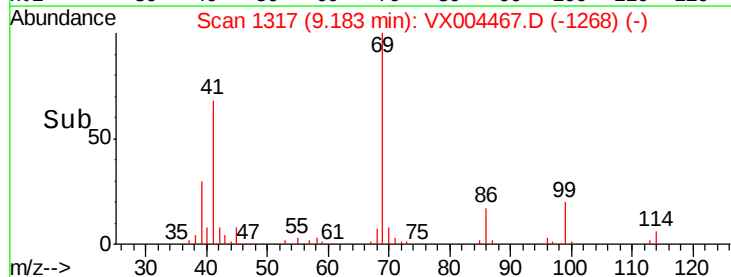
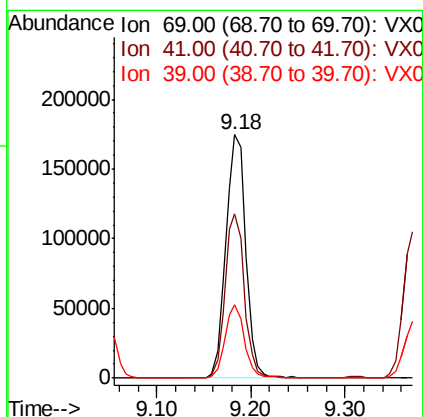
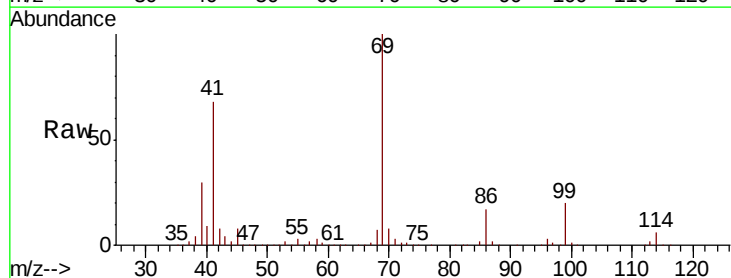
Manual Integrations
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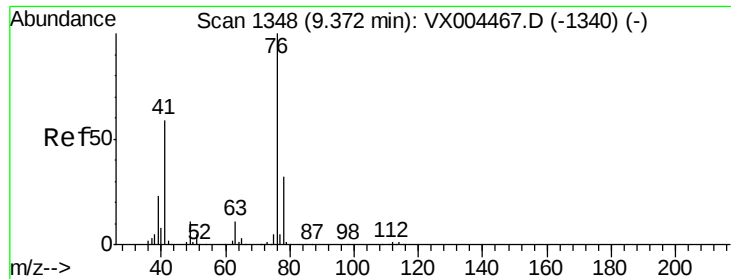
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#56
 Ethyl methacrylate
 Concen: 56.90 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX004467.D
 Acq: 11 Sep 2018 13:54

Tgt Ion:	69	Resp:	257218
Ion	Ratio	Lower	Upper
69	100		
41	65.3	51.0	76.4
39	29.0	26.1	39.1





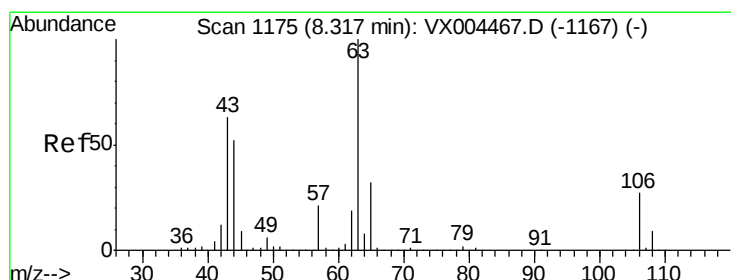
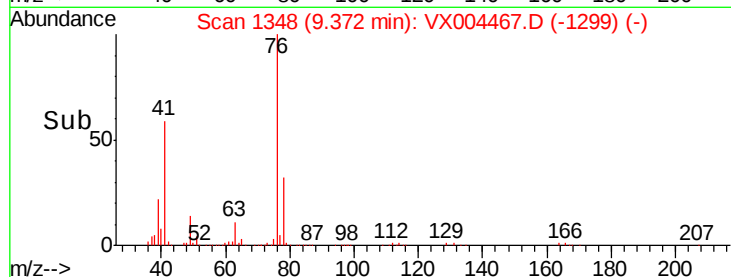
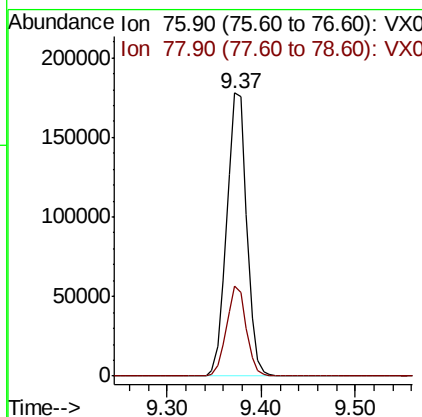
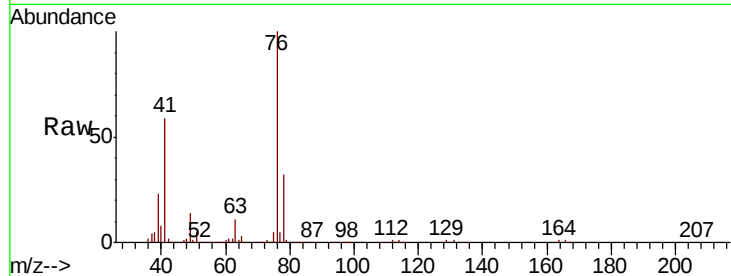
#57
 1,3-Dichloropropane
 Concen: 50.45 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX004467.D
 Acq: 11 Sep 2018 13:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.3	25.5	38.3

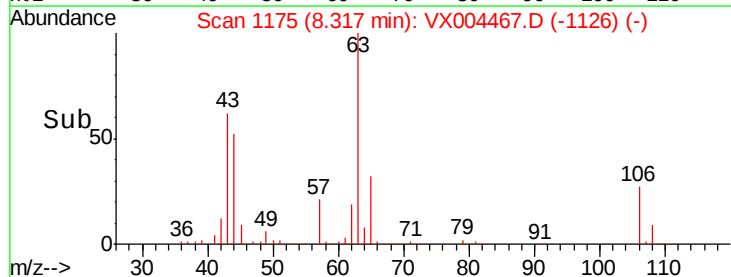
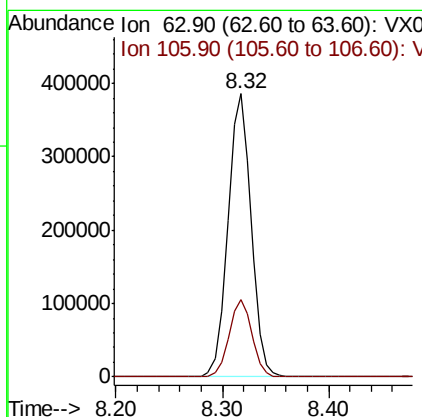
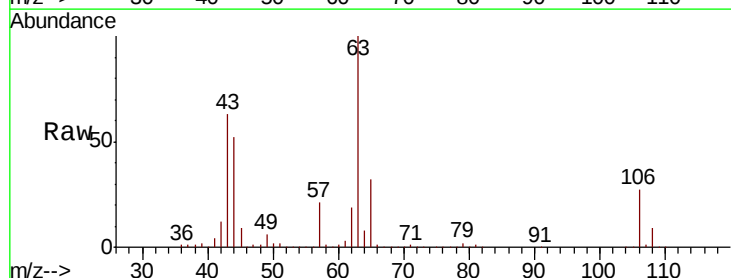
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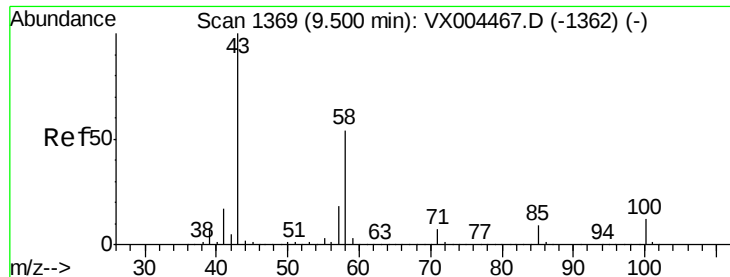
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#58
 2-Chloroethyl Vinyl ether
 Concen: 283.51 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: VX004467.D
 Acq: 11 Sep 2018 13:54

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.0	23.9	35.9





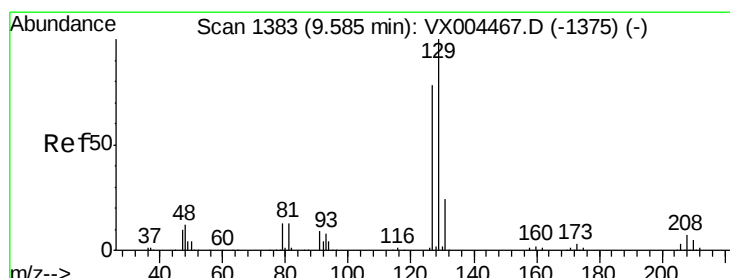
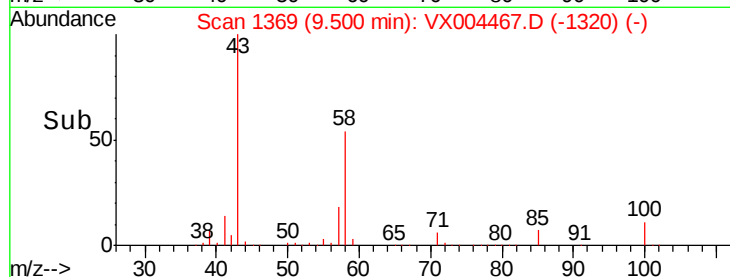
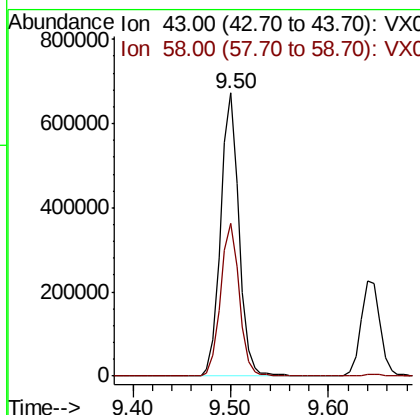
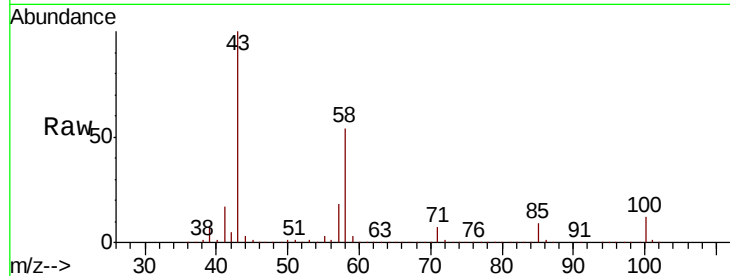
#59
2-Hexanone
Concen: 251.07 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VX004467.D
Acq: 11 Sep 2018 13:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.4	29.0	87.0

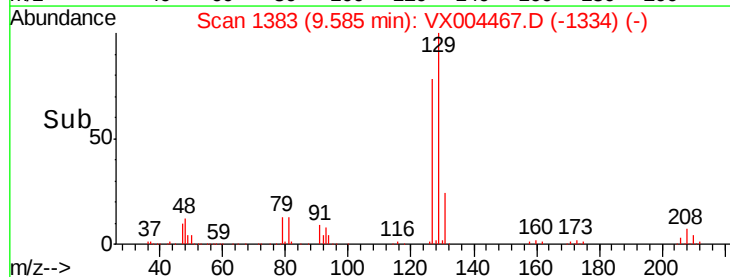
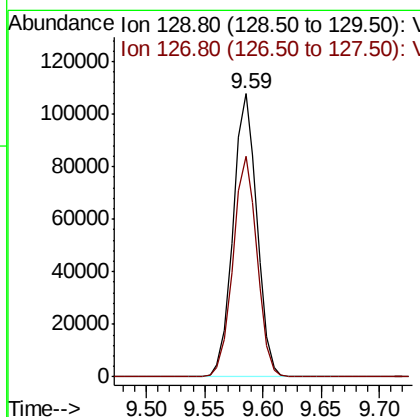
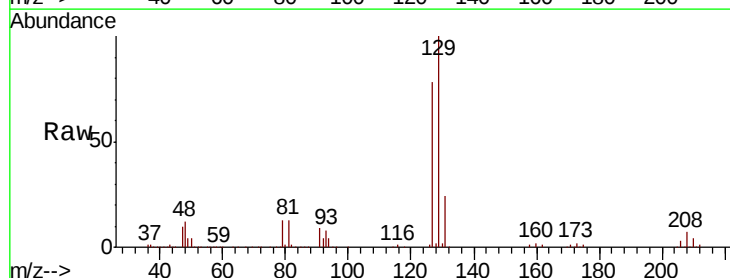
Manual Integrations
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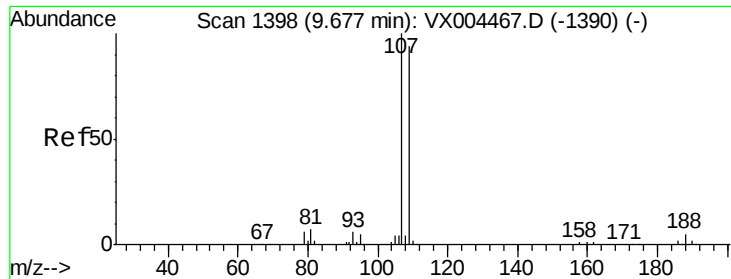
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#60
Dibromochloromethane
Concen: 51.23 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX004467.D
Acq: 11 Sep 2018 13:54

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.0	38.5	115.5





#61

1,2-Dibromoethane

Concen: 51.25 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.00 min

Lab File: VX004467.D

Acq: 11 Sep 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:107 Resp: 156450

Ion Ratio Lower Upper

107 100

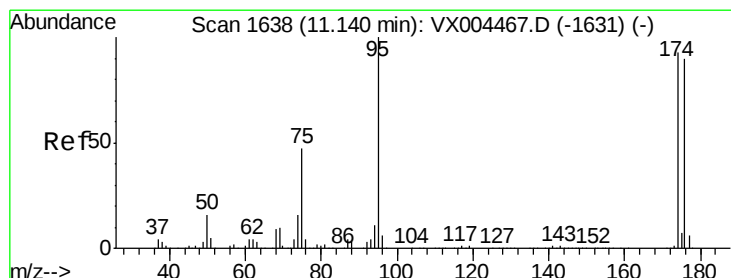
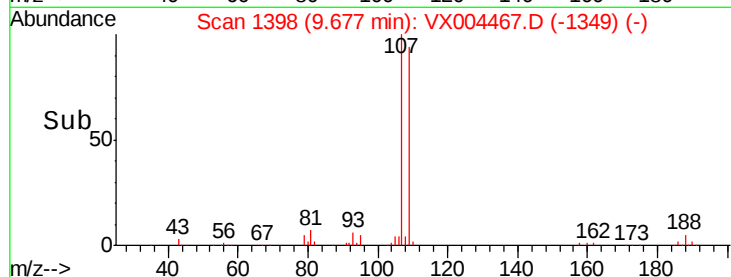
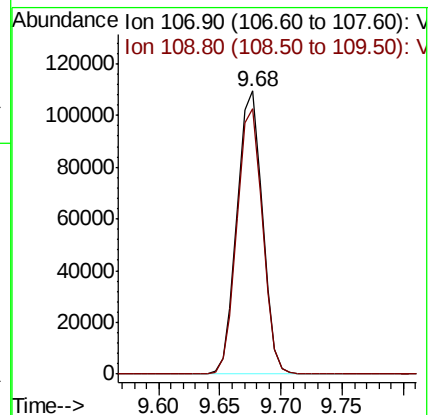
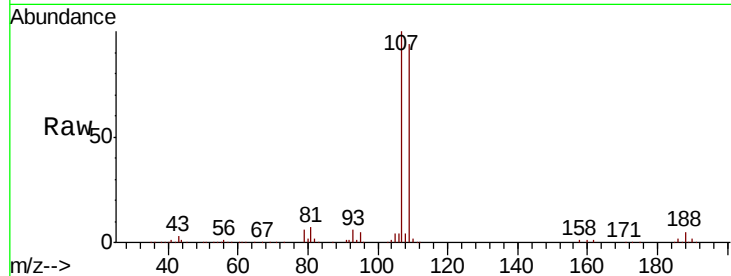
109 94.7 76.0 114.0

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#62

4-Bromofluorobenzene

Concen: 50.11 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004467.D

Acq: 11 Sep 2018 13:54

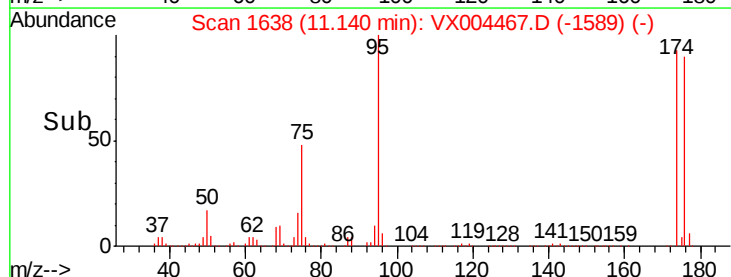
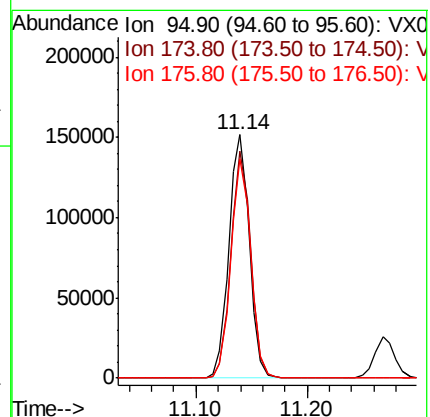
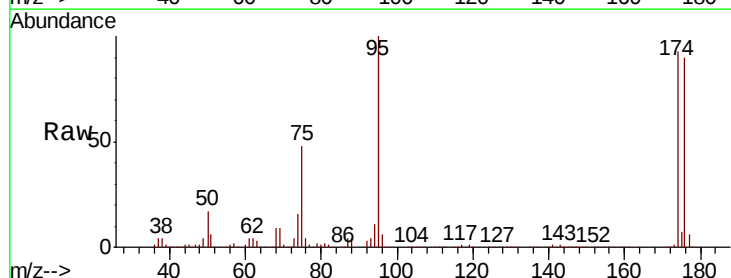
Tgt Ion: 95 Resp: 191961

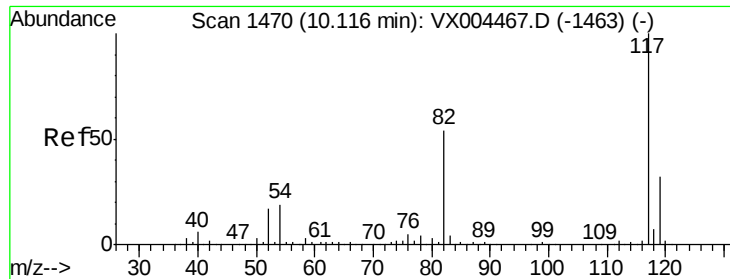
Ion Ratio Lower Upper

95 100

174 90.6 0.0 185.2

176 88.1 0.0 178.6





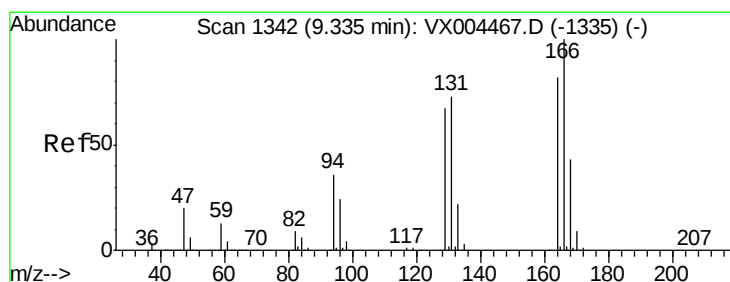
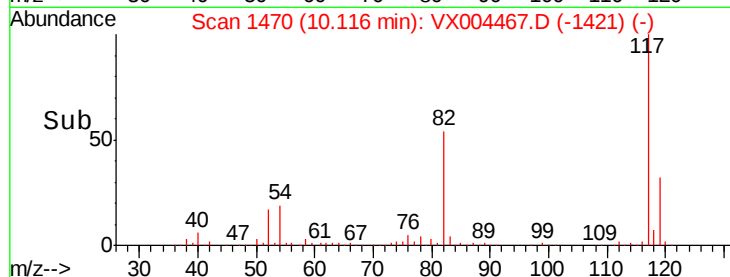
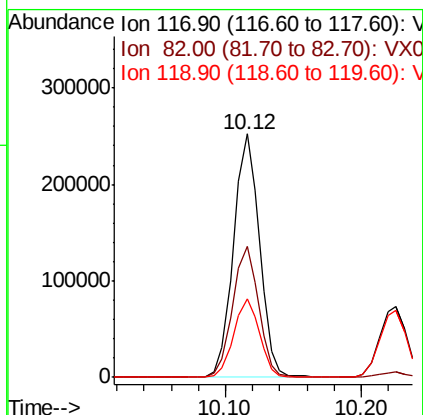
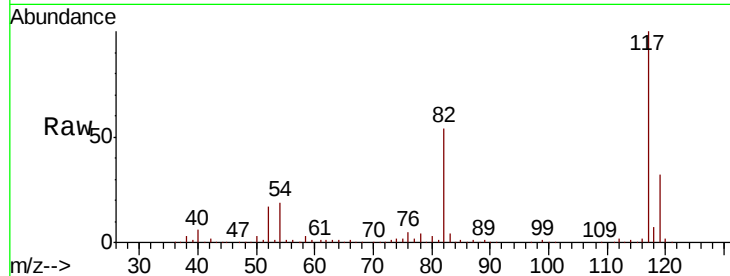
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004467.D
Acq: 11 Sep 2018 13:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.7	47.8	71.6
119	32.5	29.3	43.9

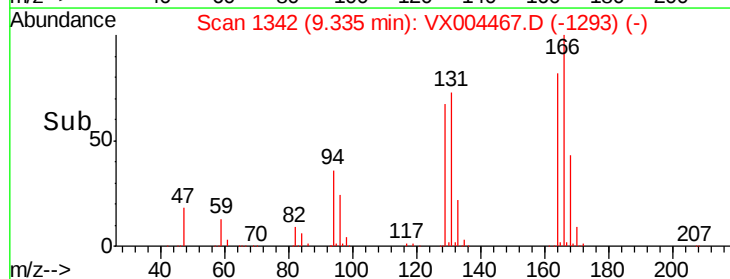
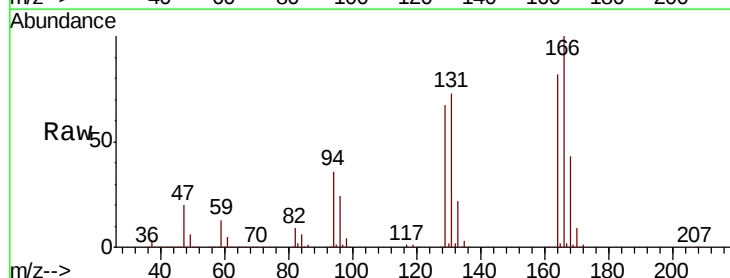
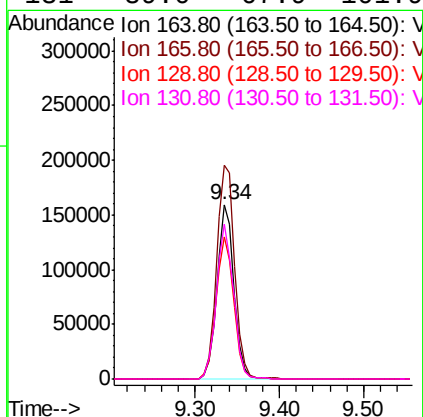
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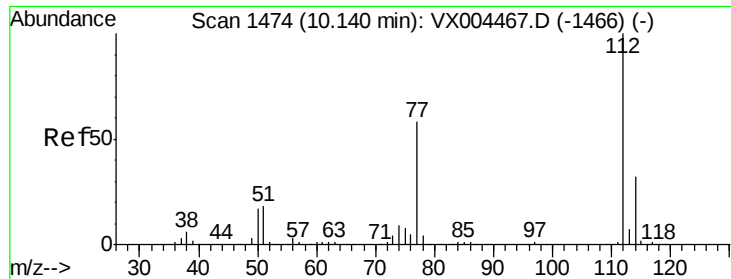
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#64
Tetrachloroethene
Concen: 52.92 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX004467.D
Acq: 11 Sep 2018 13:54

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.6	102.8	154.2
129	81.9	69.4	104.0
131	89.0	67.9	101.9





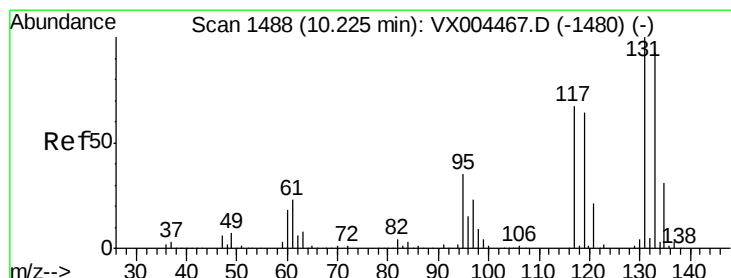
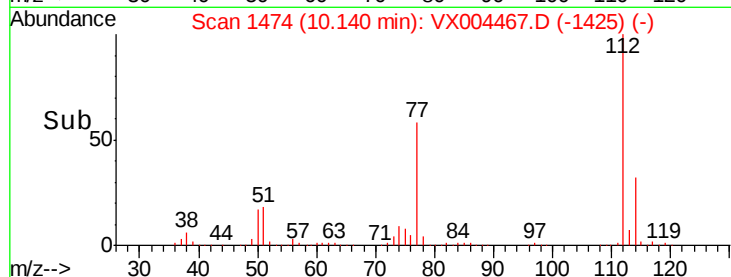
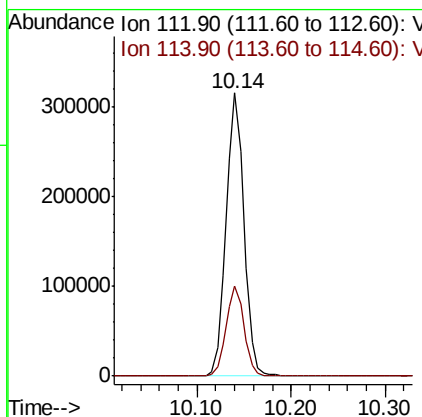
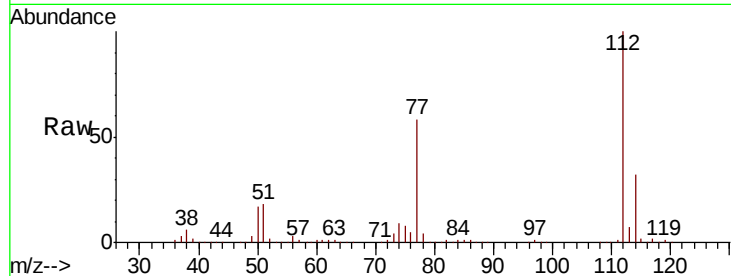
#65
Chlorobenzene
Concen: 49.98 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX004467.D
Acq: 11 Sep 2018 13:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion:112 Resp: 416050
Ion Ratio Lower Upper
112 100
114 31.8 27.8 41.8

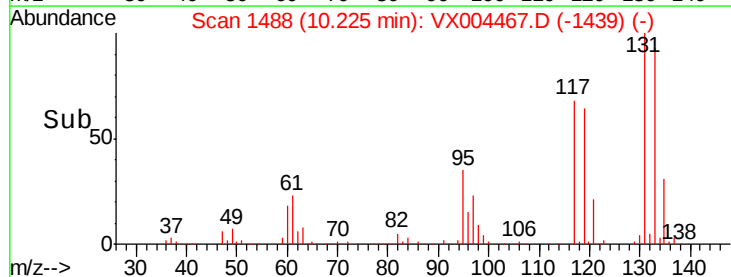
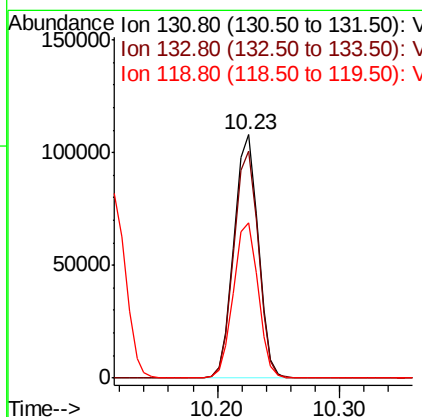
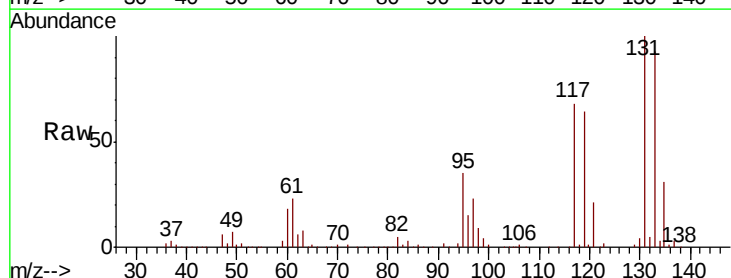
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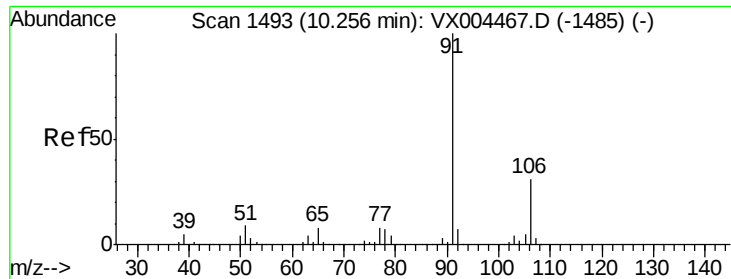
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.24 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VX004467.D
Acq: 11 Sep 2018 13:54

Tgt Ion:131 Resp: 147098
Ion Ratio Lower Upper
131 100
133 94.8 48.1 144.4
119 65.4 32.9 98.6





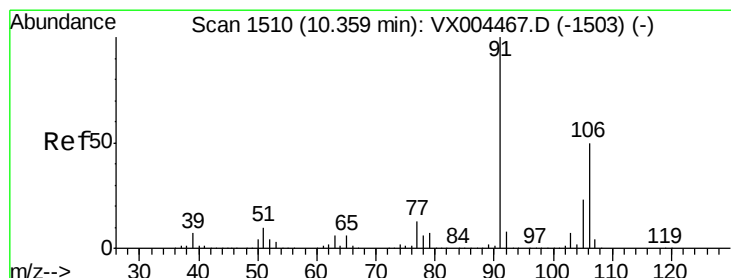
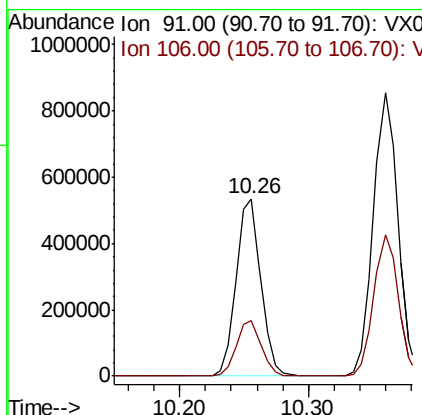
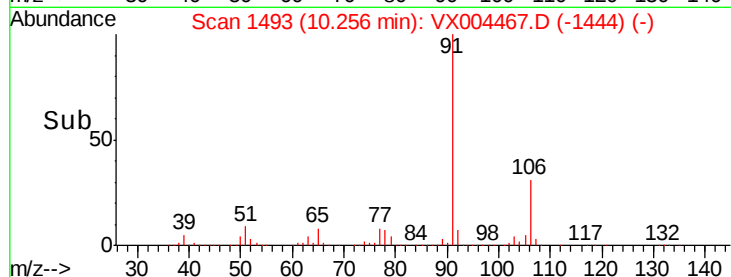
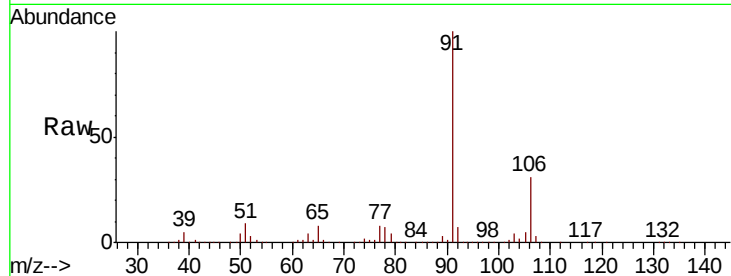
#67
Ethyl Benzene
Concen: 52.77 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VX004467.D
Acq: 11 Sep 2018 13:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 91 Resp: 714270
Ion Ratio Lower Upper
91 100
106 31.0 25.9 38.9

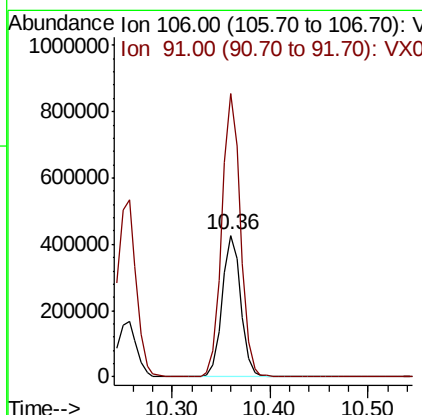
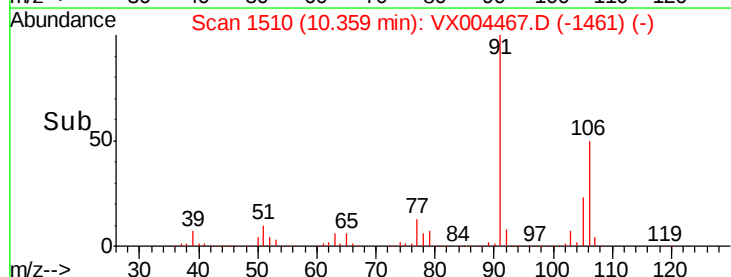
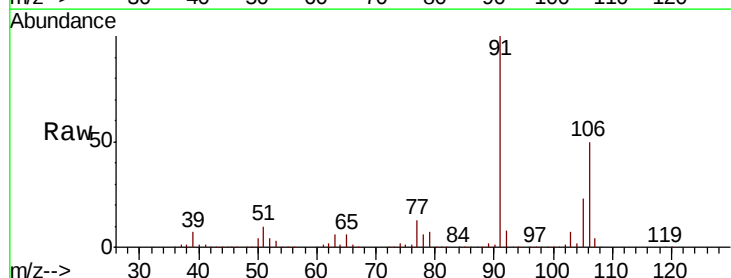
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#68
m/p-Xylenes
Concen: 107.98 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX004467.D
Acq: 11 Sep 2018 13:54

Tgt Ion: 106 Resp: 563005
Ion Ratio Lower Upper
106 100
91 200.0 157.1 235.7





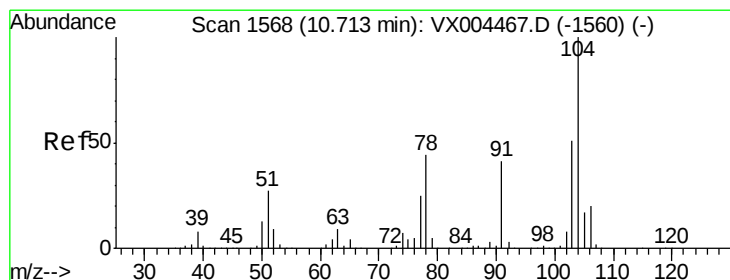
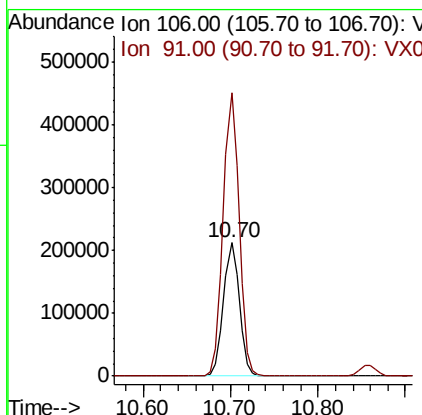
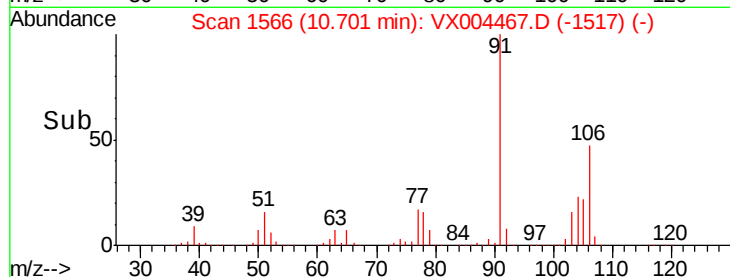
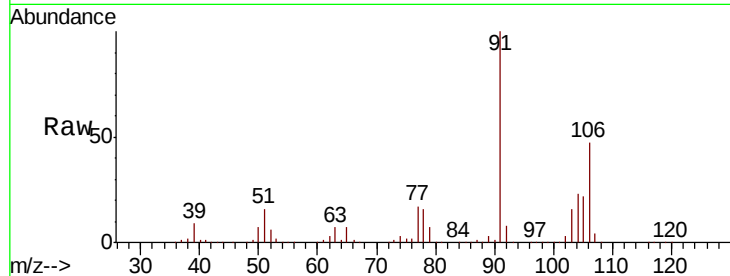
#69
o-Xylene
Concen: 53.22 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX004467.D
Acq: 11 Sep 2018 13:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion:106 Resp: 266762
Ion Ratio Lower Upper
106 100
91 213.7 105.1 315.1

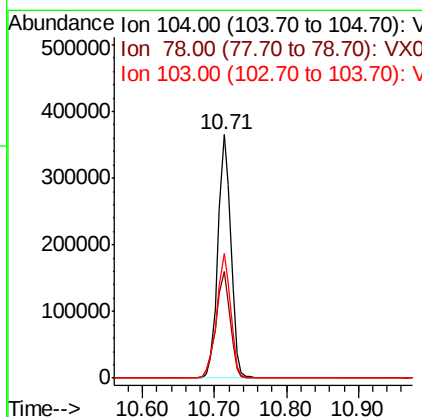
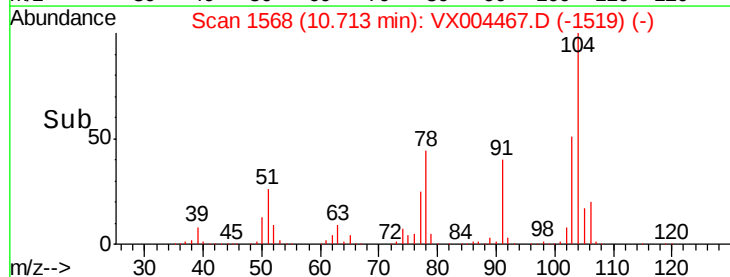
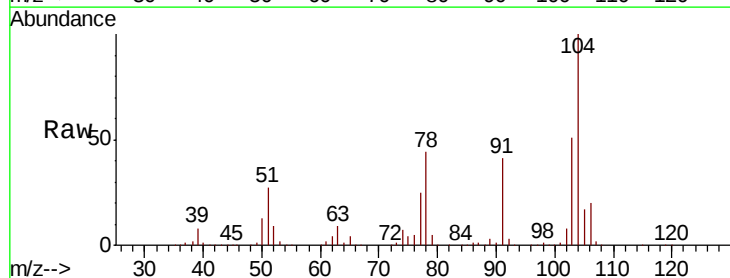
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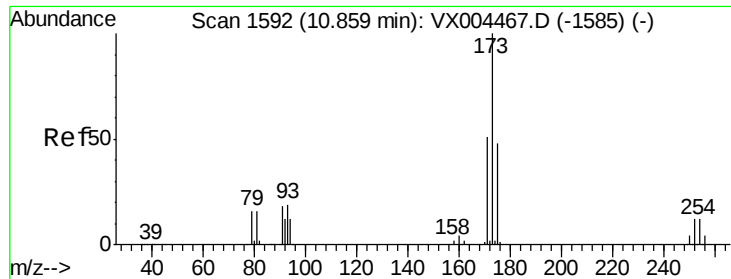
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#70
Styrene
Concen: 54.70 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX004467.D
Acq: 11 Sep 2018 13:54

Tgt Ion:104 Resp: 454274
Ion Ratio Lower Upper
104 100
78 48.2 37.4 56.0
103 55.3 43.8 65.6





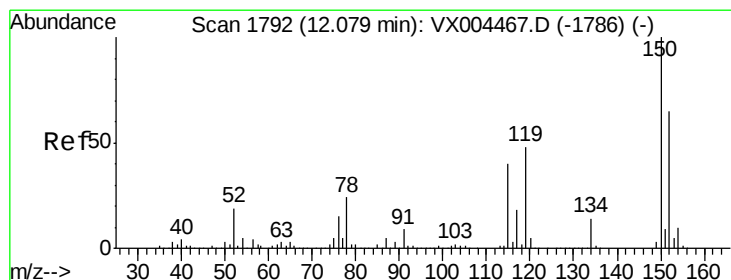
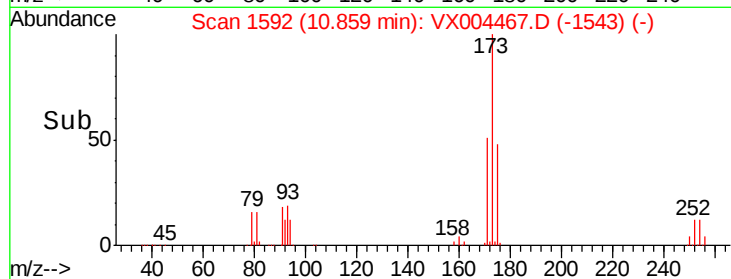
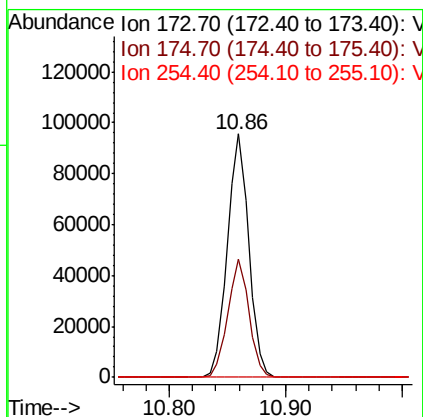
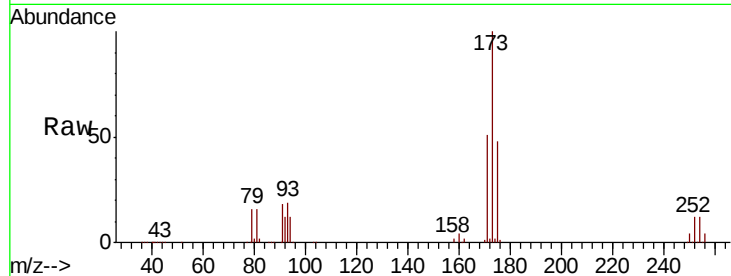
#71
Bromoform
Concen: 51.69 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX004467.D
Acq: 11 Sep 2018 13:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.0	24.1	72.3
254	0.2	0.2	0.2

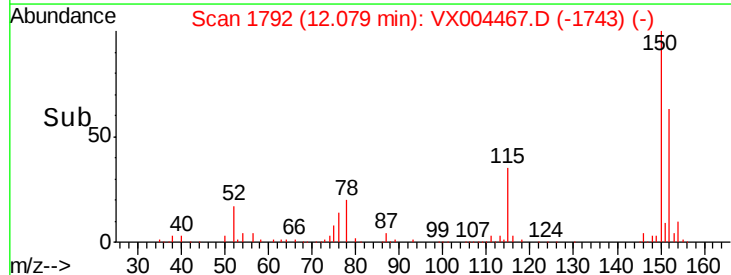
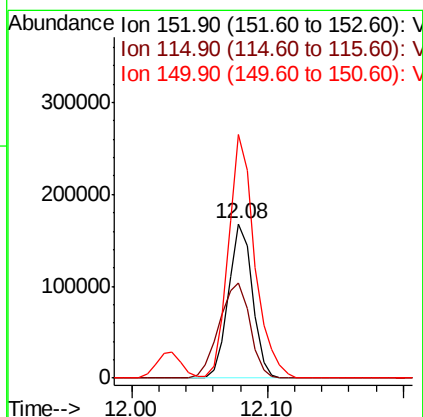
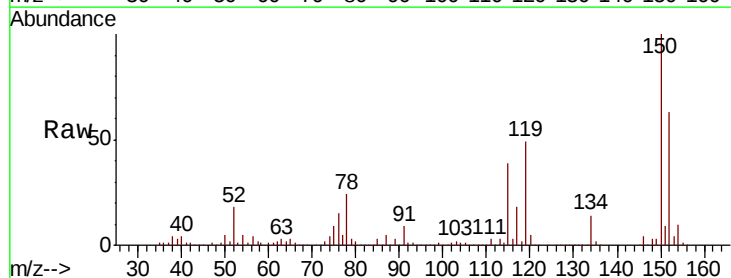
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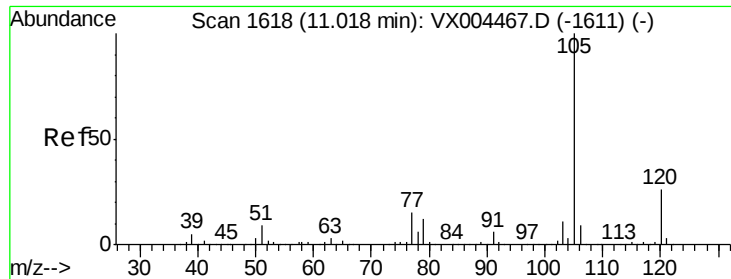
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004467.D
Acq: 11 Sep 2018 13:54

Tgt Ion	Ratio	Lower	Upper
152	100		
115	78.8	39.0	117.0
150	172.7	0.0	351.0





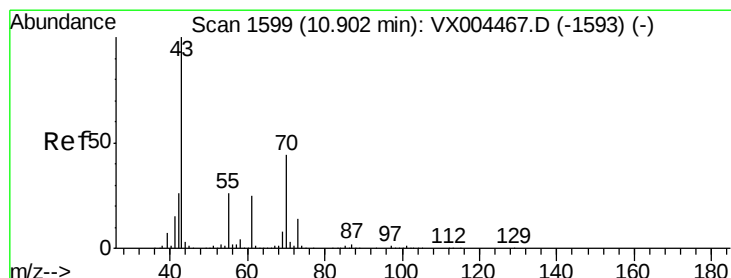
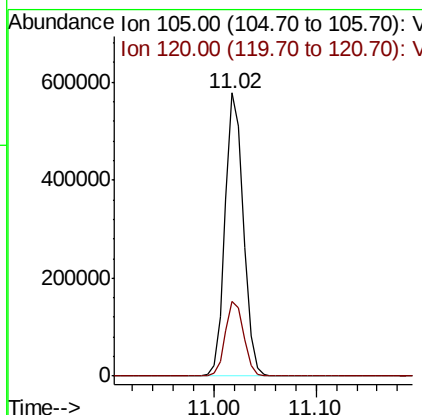
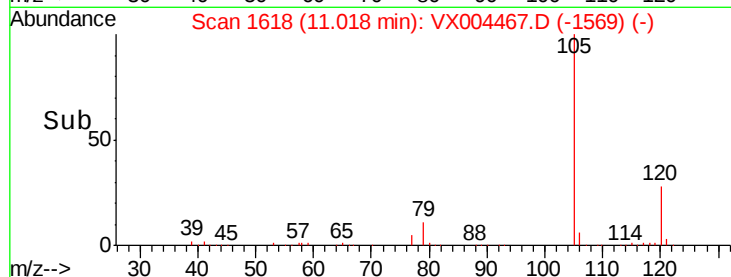
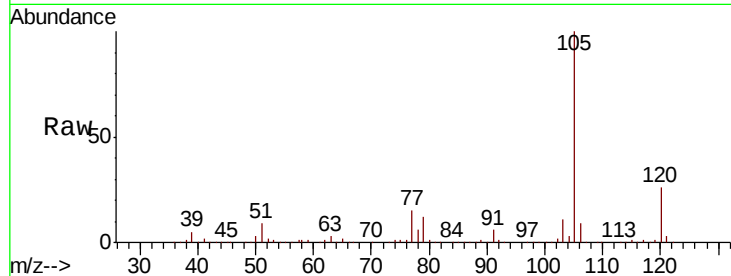
#73
Isopropylbenzene
Concen: 53.17 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX004467.D
Acq: 11 Sep 2018 13:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 105 Resp: 720782
Ion Ratio Lower Upper
105 100
120 26.7 13.5 40.4

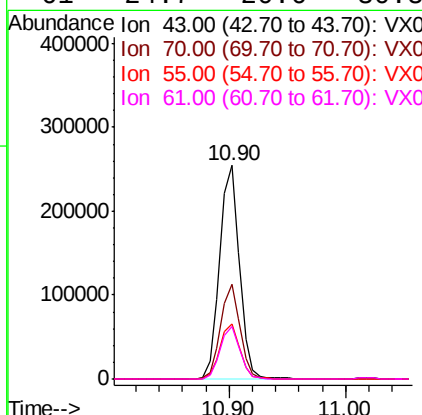
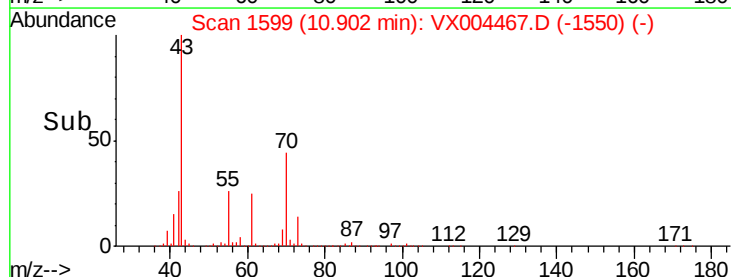
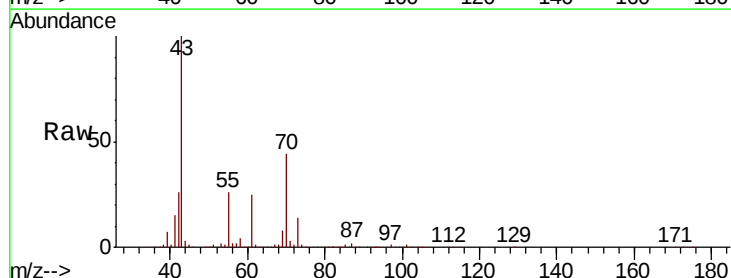
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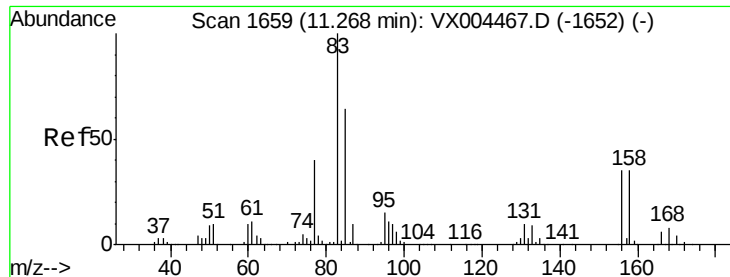
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#74
N-ethyl acetate
Concen: 52.17 ug/l
RT: 10.90 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VX004467.D
Acq: 11 Sep 2018 13:54

Tgt Ion: 43 Resp: 297690
Ion Ratio Lower Upper
43 100
70 43.6 37.4 56.0
55 26.5 21.8 32.8
61 24.7 20.6 30.8





#75

1,1,2,2-Tetrachloroethane

Concen: 48.59 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX004467.D

Acq: 11 Sep 2018 13:54

Instrument :

MSVOA_X

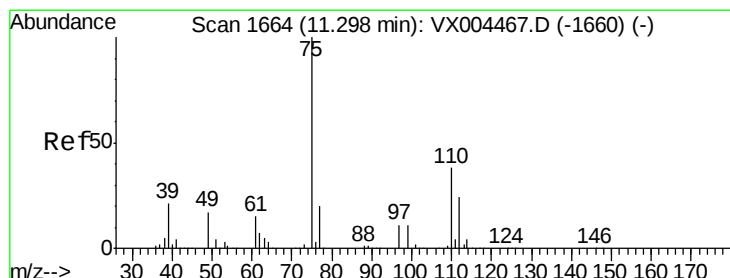
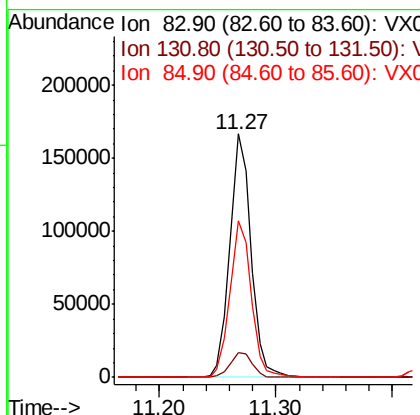
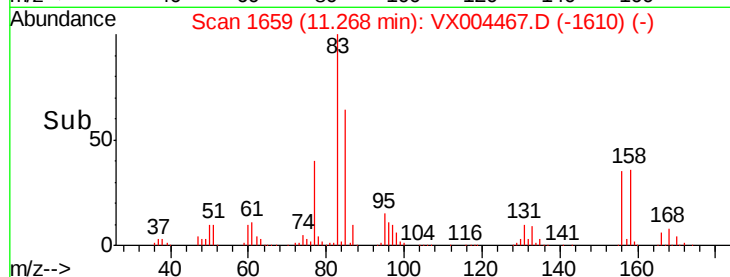
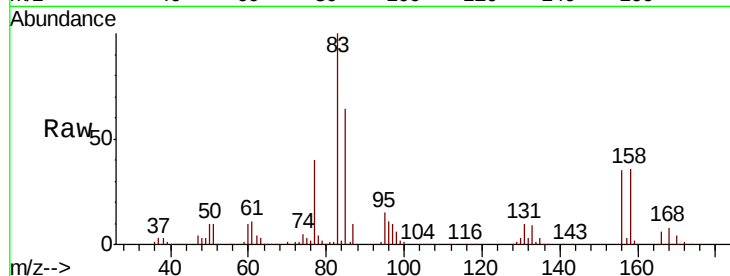
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	212488
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.2	15.6
85	65.0	32.3	96.8

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#76

1,2,3-Trichloropropane

Concen: 51.90 ug/l m

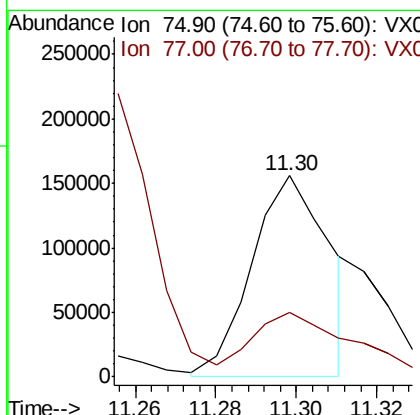
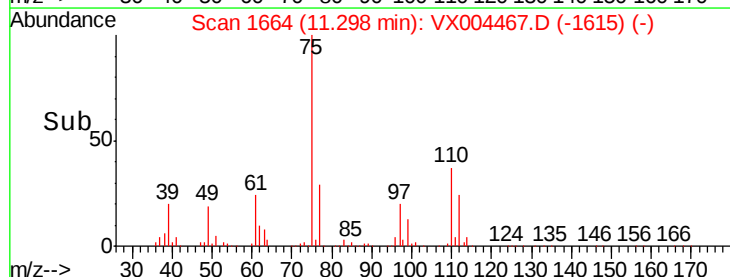
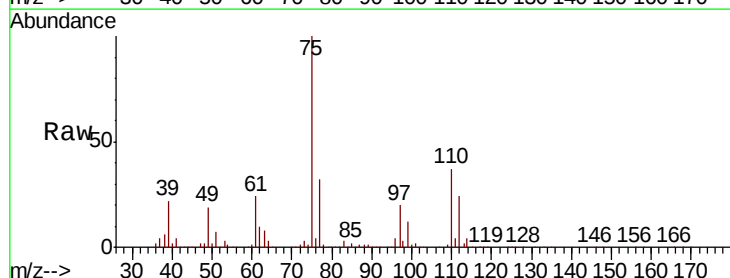
RT: 11.30 min Scan# 1664

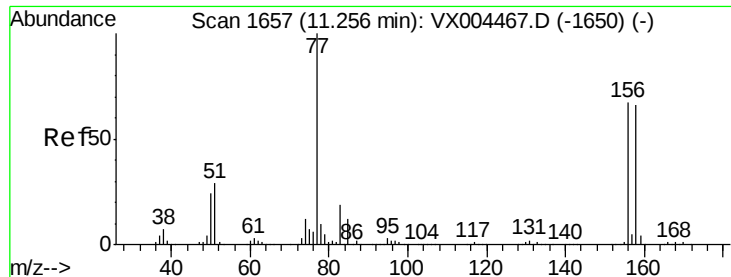
Delta R.T. 0.00 min

Lab File: VX004467.D

Acq: 11 Sep 2018 13:54

Tgt Ion:	75	Resp:	208742
Ion Ratio	Lower	Upper	
75	100		
77	41.2	20.2	60.6





#77

Bromobenzene

Concen: 50.39 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX004467.D

Acq: 11 Sep 2018 13:54

Instrument :

MSVOA_X

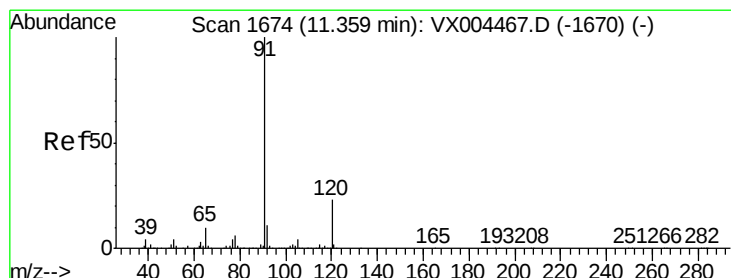
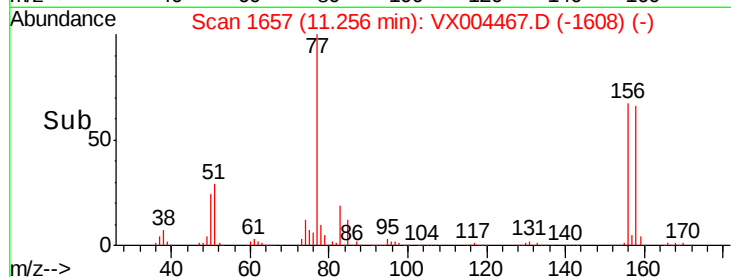
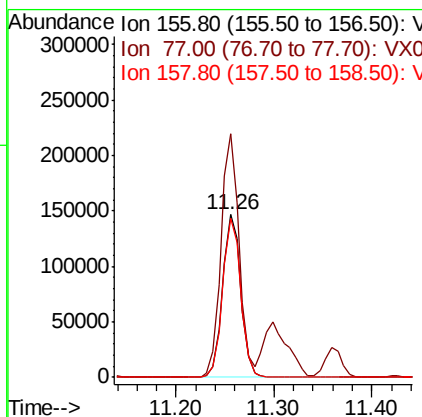
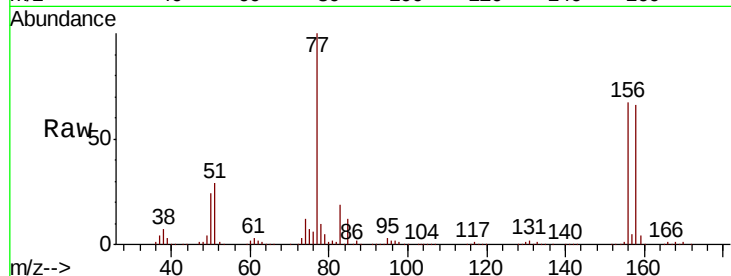
ClientSampleId :

VSTDICCC050

Tot Ion:	156	Resp:	188817
Ion Ratio	Lower	Upper	
156	100		
77	148.2	71.5	214.3
158	97.9	48.9	146.8

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#78

n-propylbenzene

Concen: 53.49 ug/l

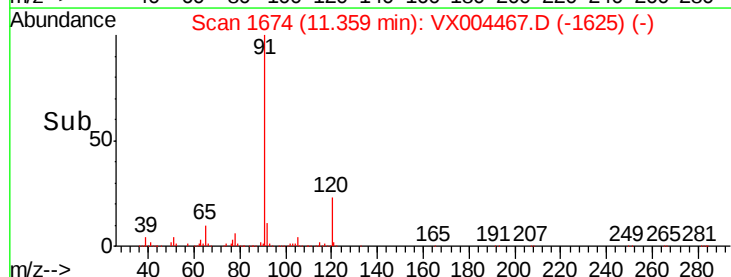
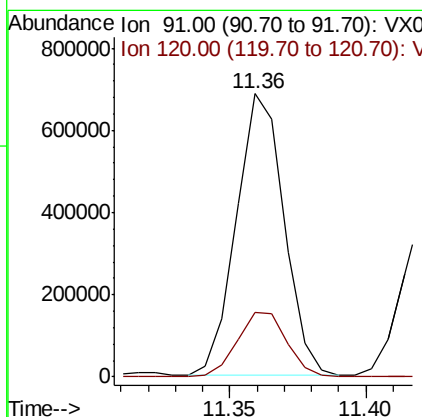
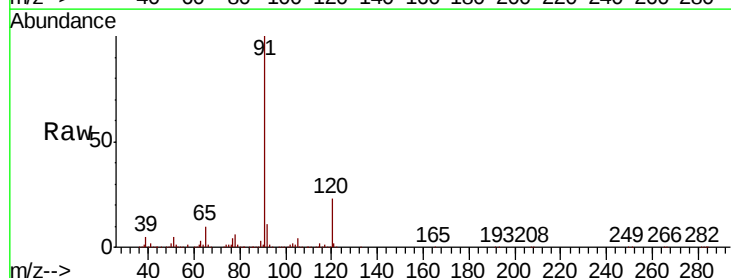
RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX004467.D

Acq: 11 Sep 2018 13:54

Tgt Ion:	91	Resp:	833719
Ion Ratio	Lower	Upper	
91	100		
120	23.8	11.9	35.9





#79

2-Chlorotoluene

Concen: 51.82 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX004467.D

Acq: 11 Sep 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 91 Resp: 489875

Ion Ratio Lower Upper

91 100

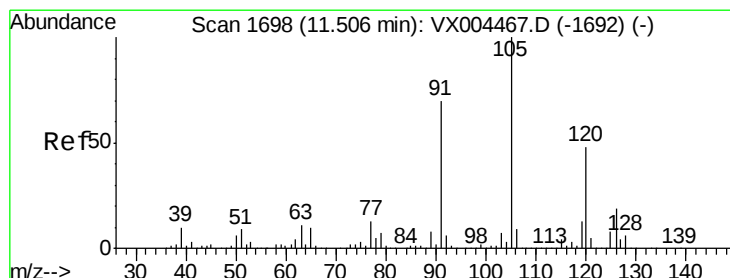
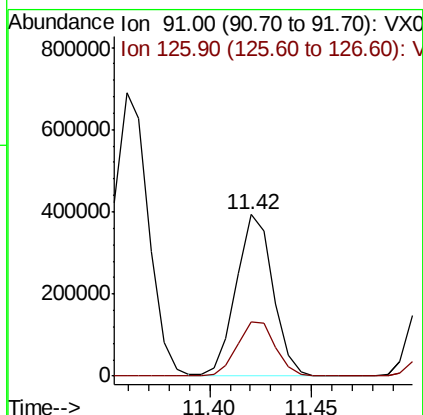
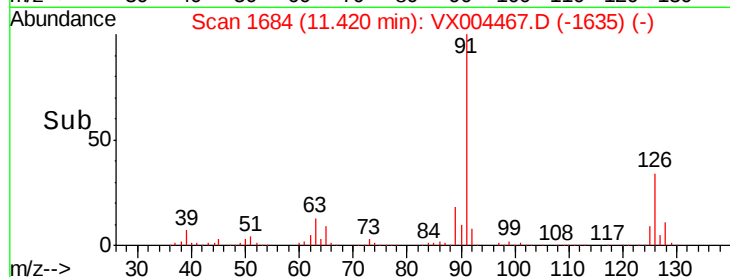
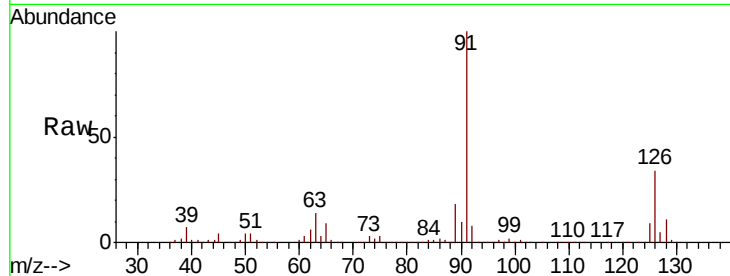
126 35.3 17.9 53.7

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#80

1,3,5-Trimethylbenzene

Concen: 53.96 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX004467.D

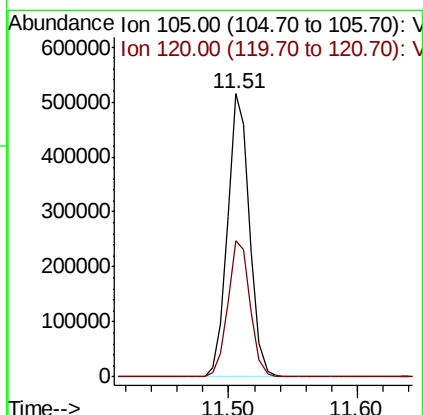
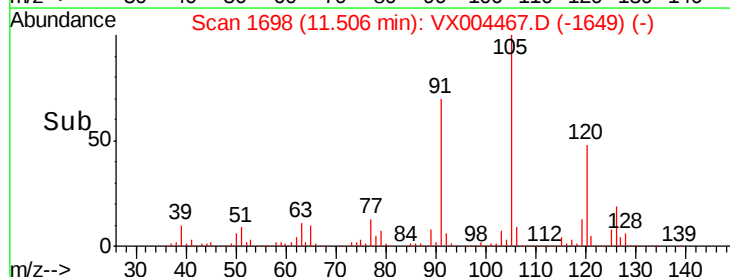
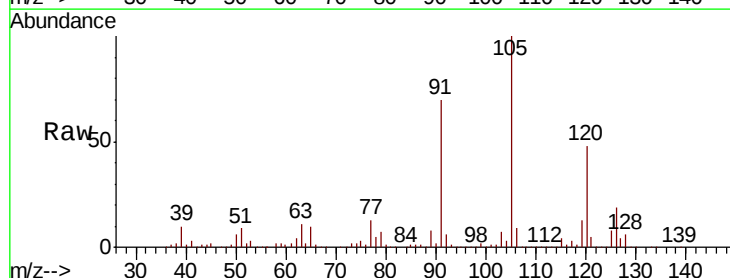
Acq: 11 Sep 2018 13:54

Tgt Ion: 105 Resp: 614959

Ion Ratio Lower Upper

105 100

120 49.0 25.6 76.8





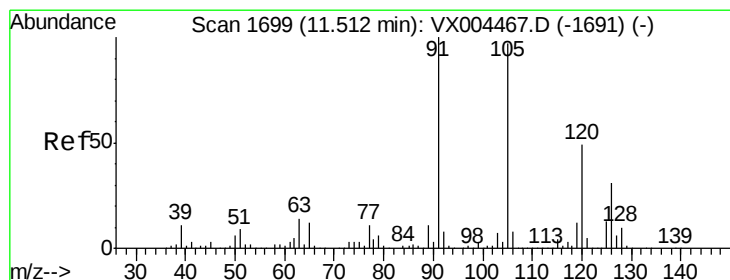
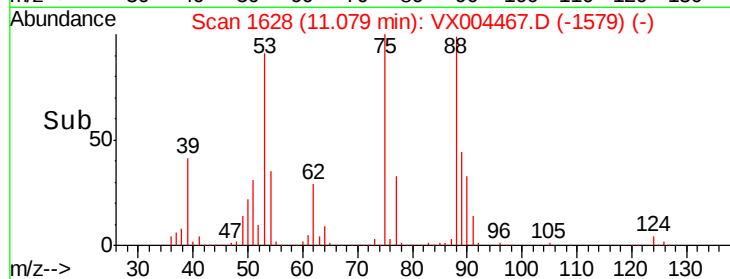
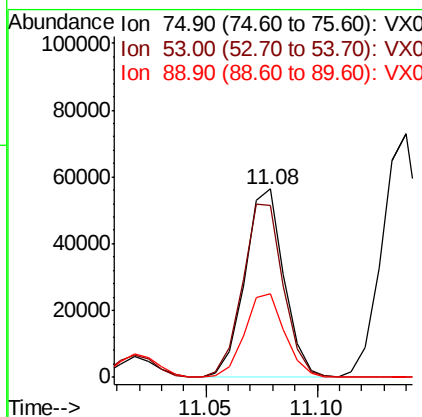
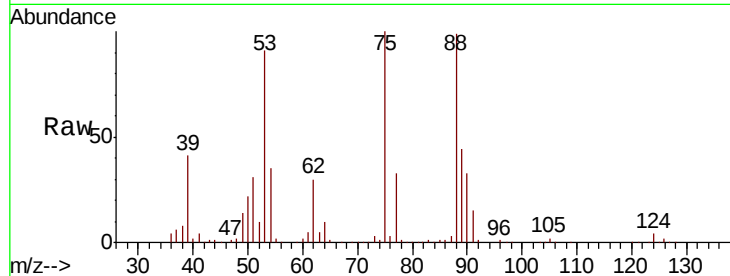
#81
trans-1,4-Dichloro-2-butene
Concen: 52.86 ug/l
RT: 11.08 min Scan# 1628
Delta R.T. 0.00 min
Lab File: VX004467.D
Acq: 11 Sep 2018 13:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.3	80.1	120.1
89	45.7	37.2	55.8

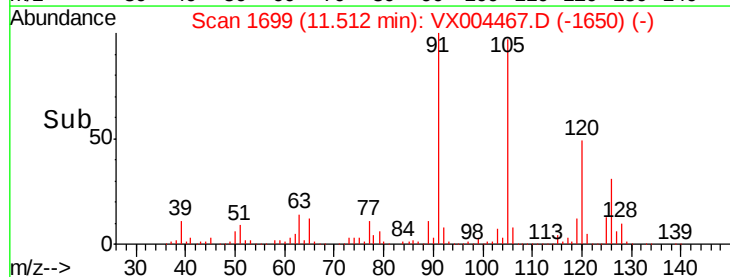
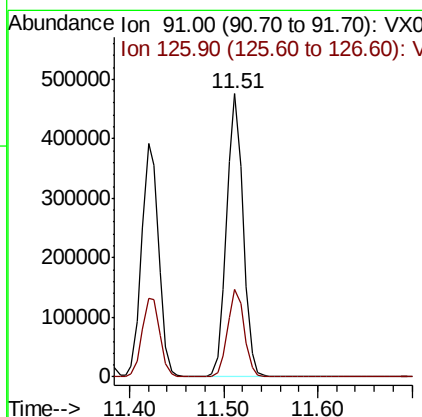
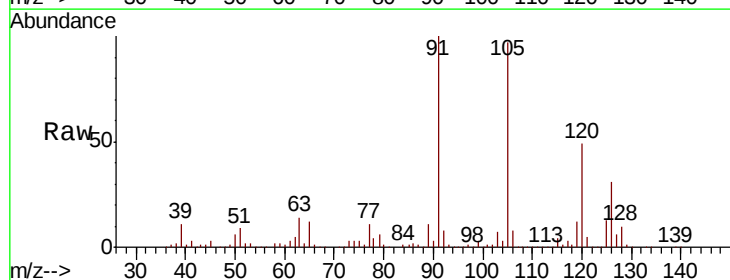
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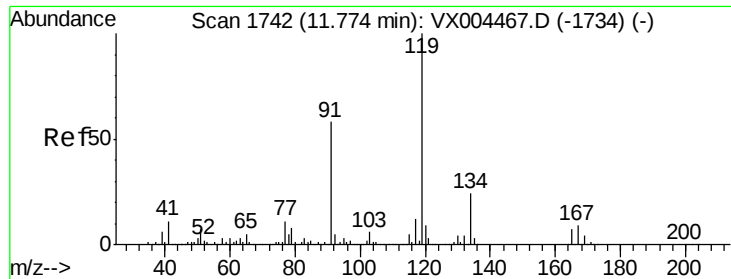
MMDadoda
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#82
4-Chlorotoluene
Concen: 52.63 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX004467.D
Acq: 11 Sep 2018 13:54

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.0	15.5	46.5





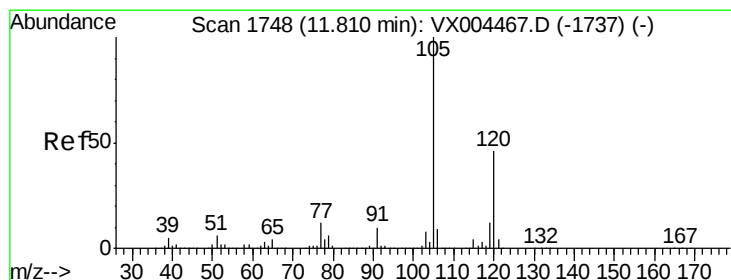
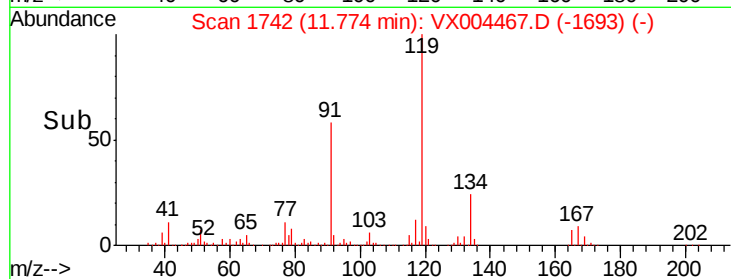
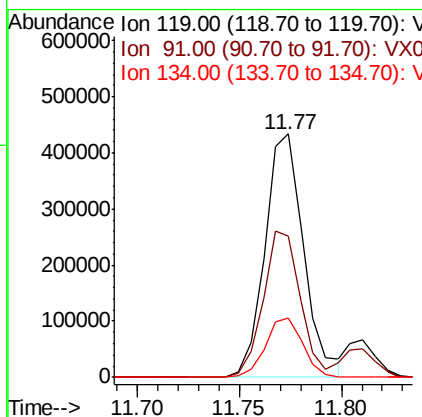
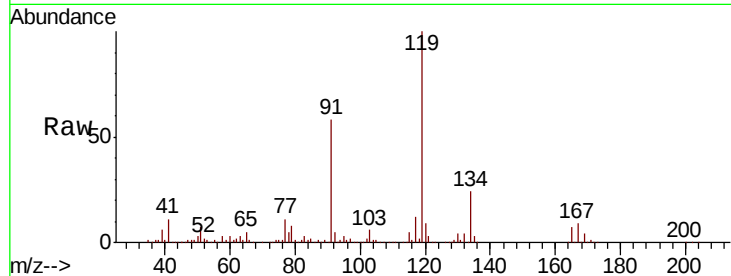
#83
 tert-Butylbenzene
 Concen: 52.97 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VX004467.D
 Acq: 11 Sep 2018 13:54

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.6	27.0	81.0
134	23.4	11.7	35.1

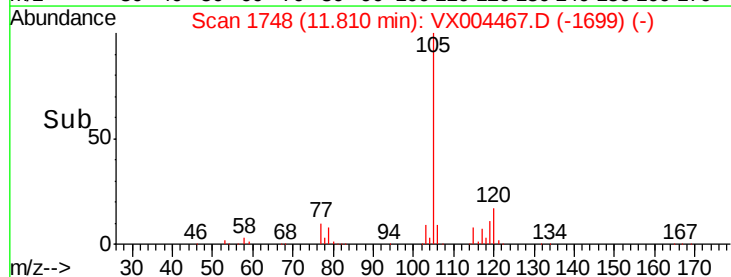
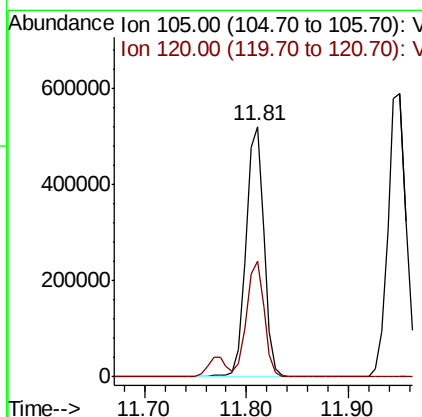
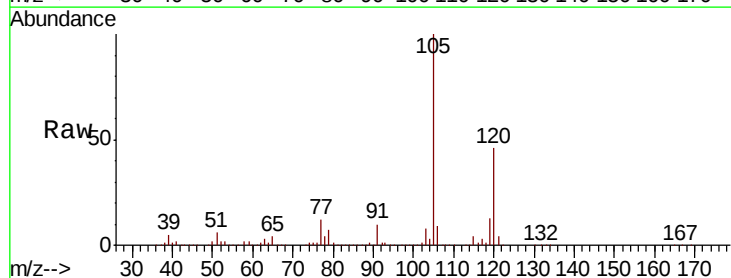
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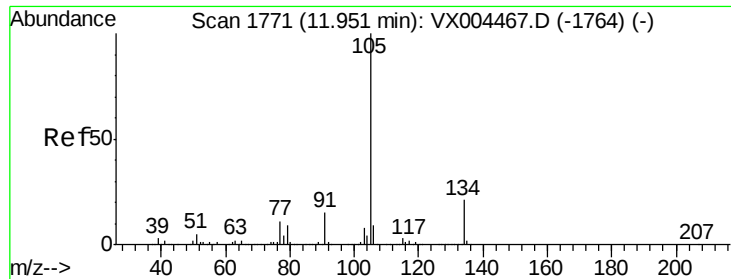
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#84
 1,2,4-Trimethylbenzene
 Concen: 54.40 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX004467.D
 Acq: 11 Sep 2018 13:54

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	23.2	69.6





#85

sec-Butylbenzene

Concen: 53.85 ug/l

RT: 11.95 min Scan# 1771

Delta R.T. 0.00 min

Lab File: VX004467.D

Acq: 11 Sep 2018 13:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 744480

Ion Ratio Lower Upper

105 100

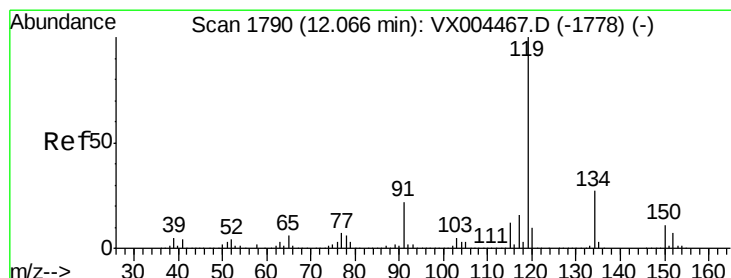
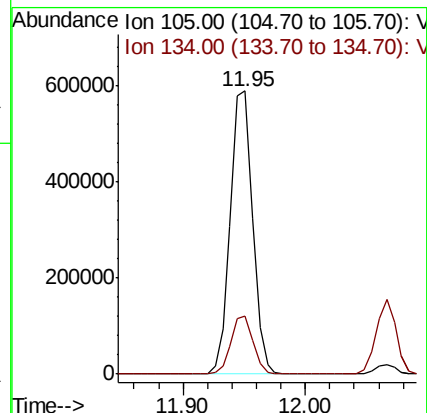
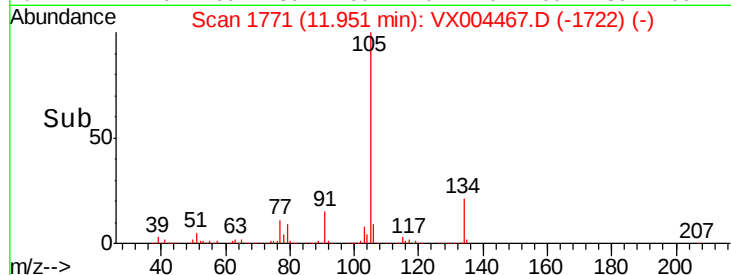
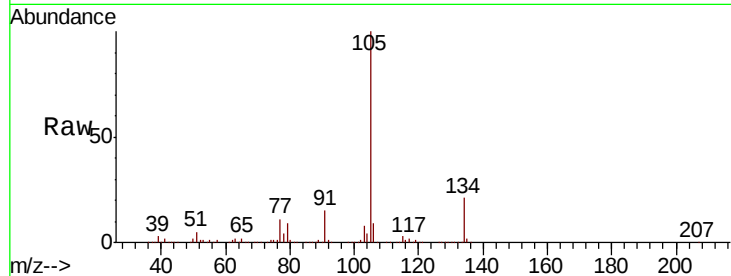
134 20.3 10.5 31.5

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#86

p-Isopropyltoluene

Concen: 54.32 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX004467.D

Acq: 11 Sep 2018 13:54

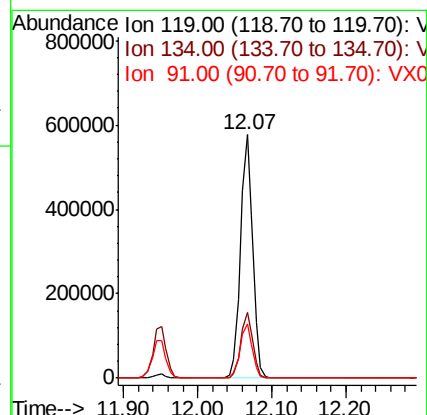
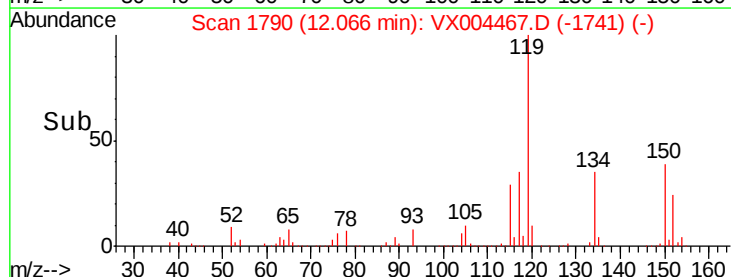
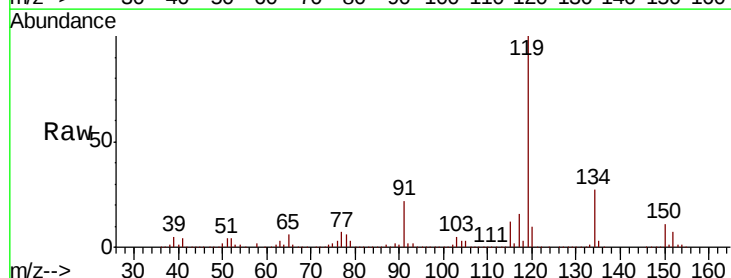
Tgt Ion:119 Resp: 663251

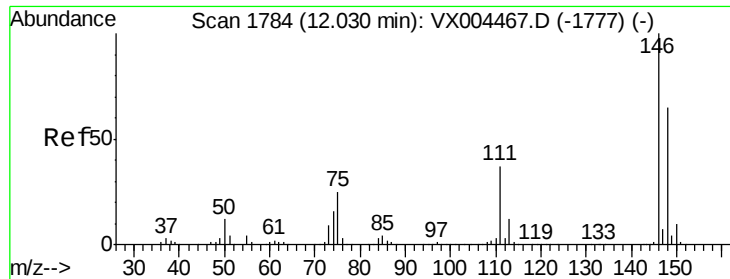
Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.2

91 22.3 10.9 32.7





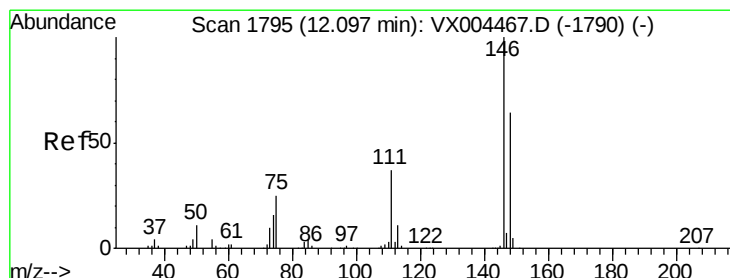
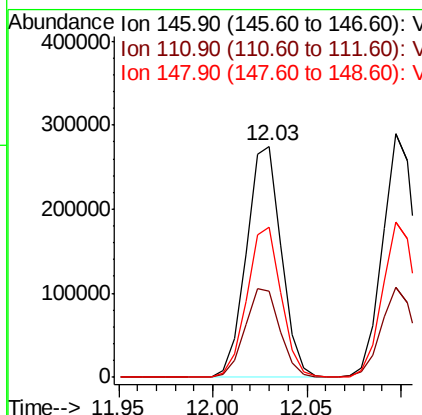
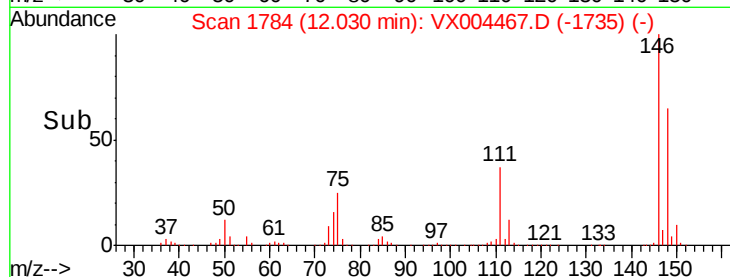
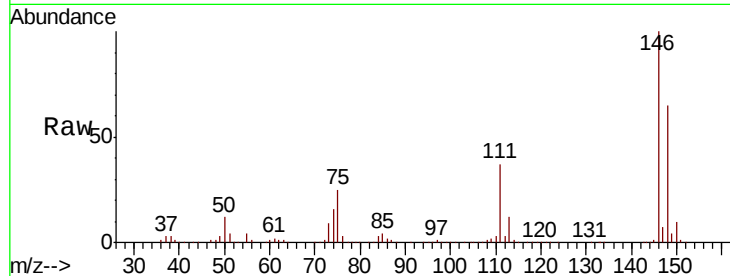
#87
 1,3-Dichlorobenzene
 Concen: 50.57 ug/l
 RT: 12.03 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX004467.D
 Acq: 11 Sep 2018 13:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.7	56.1
148	63.7	32.1	96.5

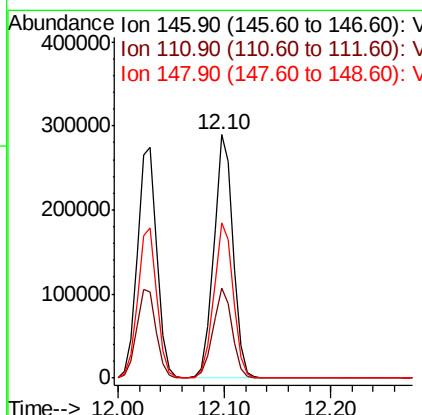
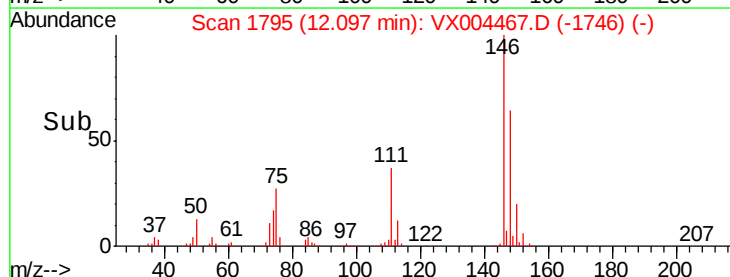
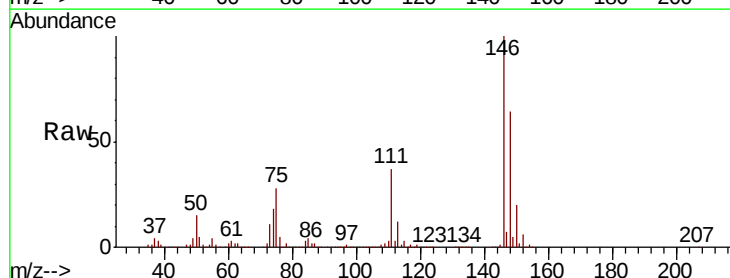
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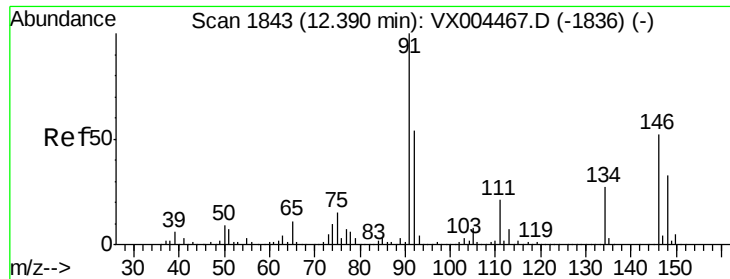
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#88
 1,4-Dichlorobenzene
 Concen: 49.47 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX004467.D
 Acq: 11 Sep 2018 13:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.1	54.1
148	64.2	32.0	96.0





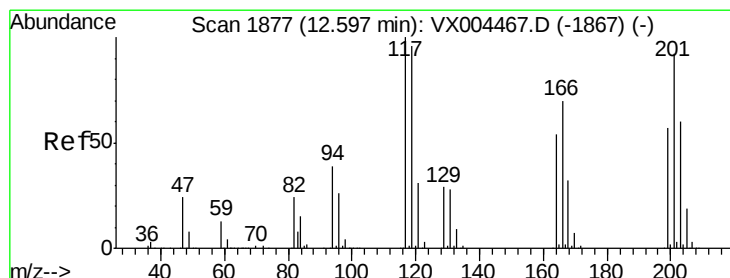
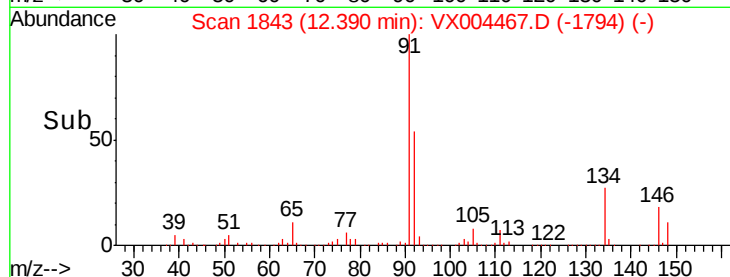
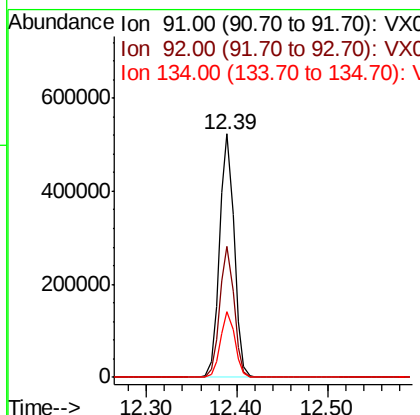
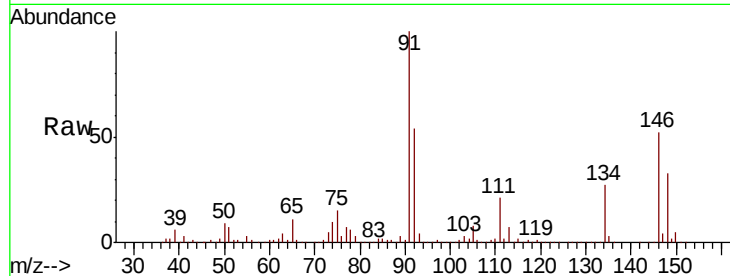
#89
n-Butylbenzene
Concen: 53.07 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX004467.D
Acq: 11 Sep 2018 13:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.7	27.3	81.9
134	26.7	13.6	40.7

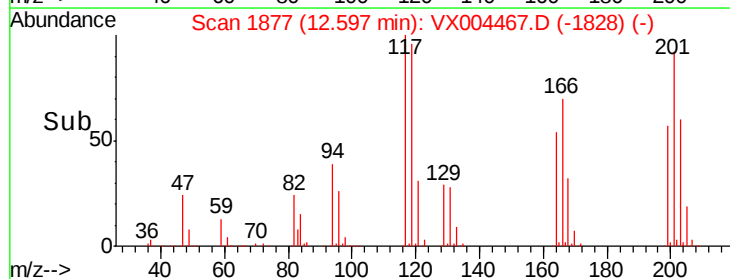
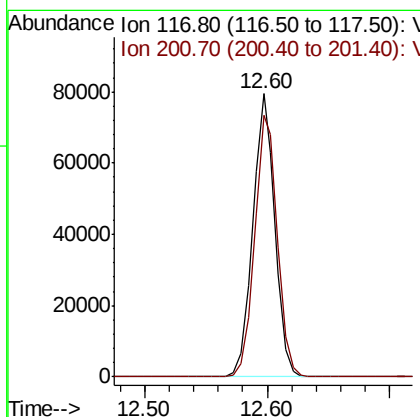
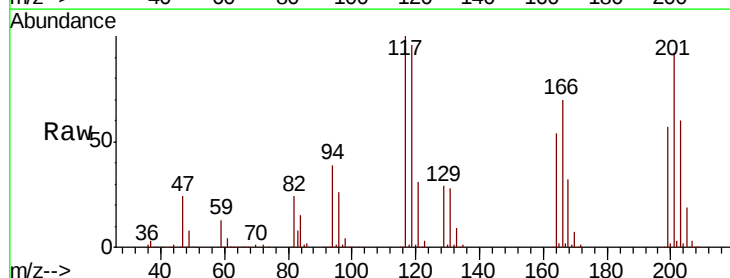
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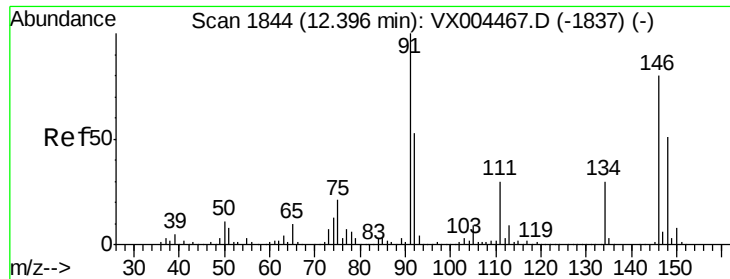
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#90
Hexachloroethane
Concen: 51.04 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX004467.D
Acq: 11 Sep 2018 13:54

Tgt Ion	Ratio	Lower	Upper
117	100		
201	95.0	46.9	140.6





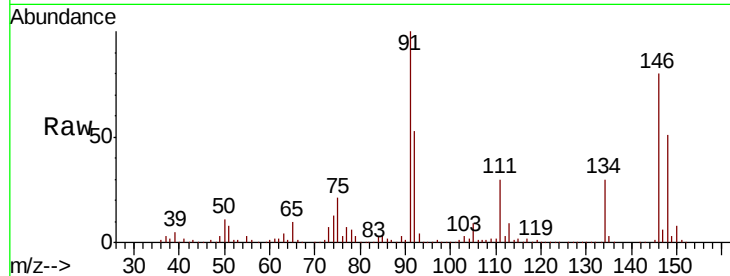
#91
 1,2-Dichlorobenzene
 Concen: 50.23 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. 0.00 min
 Lab File: VX004467.D
 Acq: 11 Sep 2018 13:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.4	58.1
148	63.9	32.8	98.3

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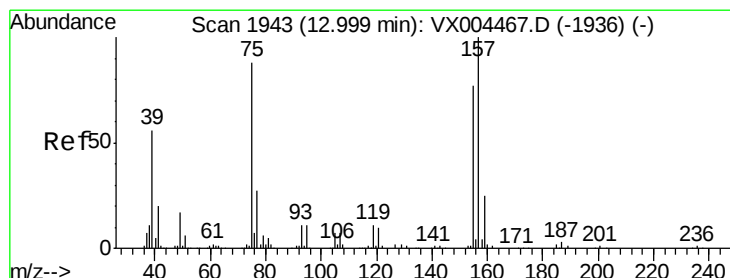
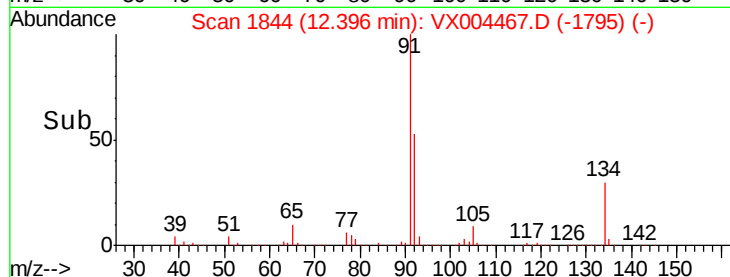
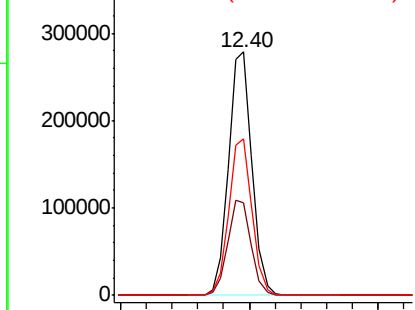


Abundance

Ion 145.90 (145.60 to 146.60): V

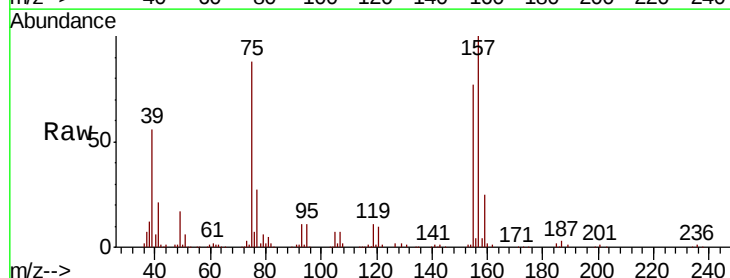
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.44 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX004467.D
 Acq: 11 Sep 2018 13:54

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.0	48.0	144.2
157	121.6	61.4	184.1

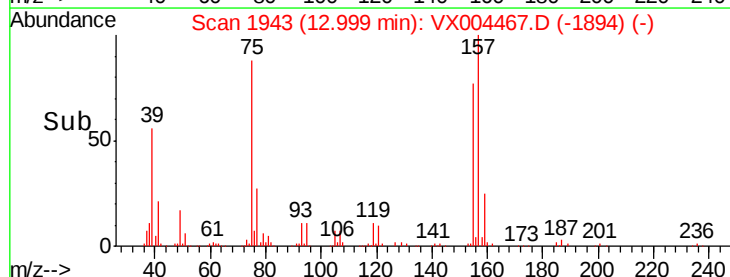
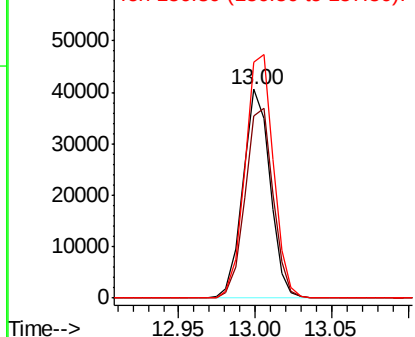


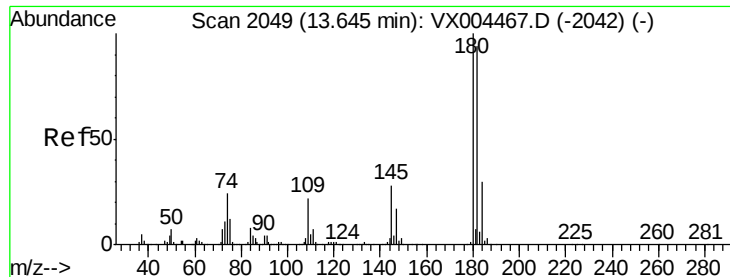
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





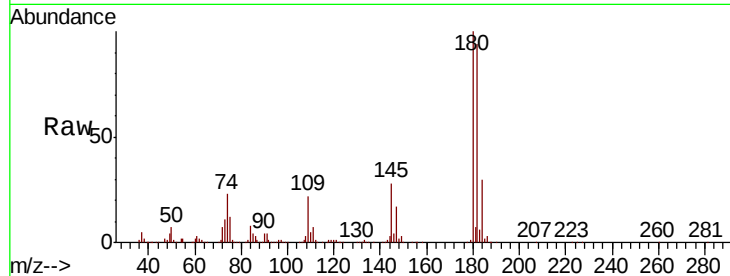
#93
 1,2,4-Trichlorobenzene
 Concen: 52.55 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX004467.D
 Acq: 11 Sep 2018 13:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	263289		
182	95.4	48.4	145.0	
145	27.9	14.3	42.9	

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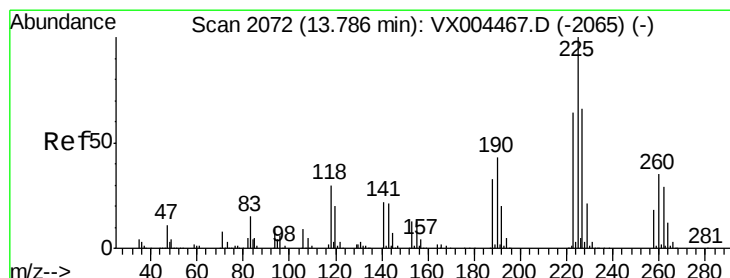
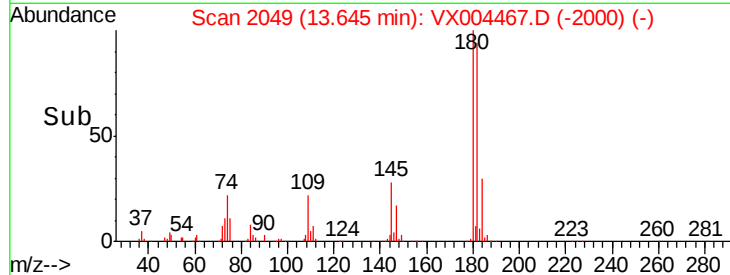
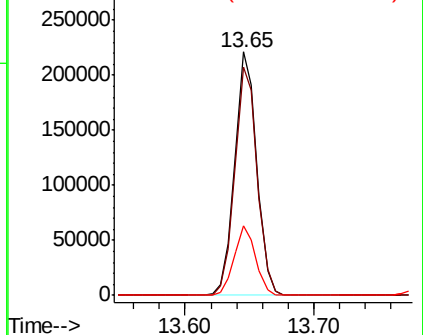


Abundance

Ion 179.80 (179.50 to 180.50): V

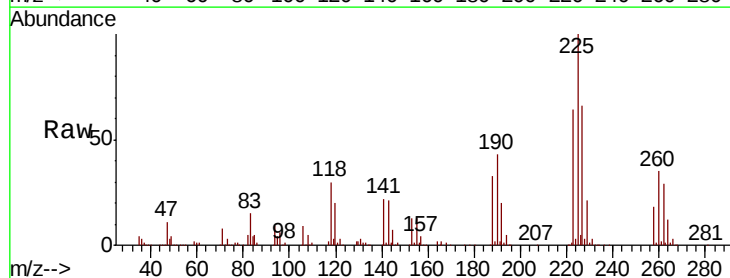
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 49.62 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX004467.D
 Acq: 11 Sep 2018 13:54

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	129879		
223	62.5	30.1	90.5	
227	64.6	30.8	92.4	

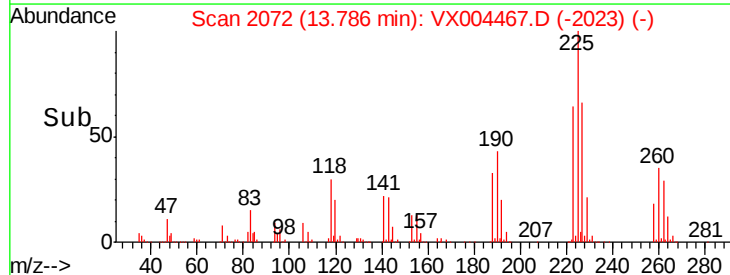
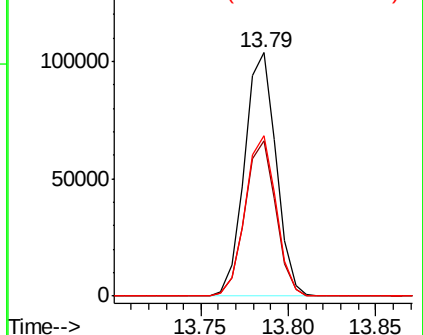


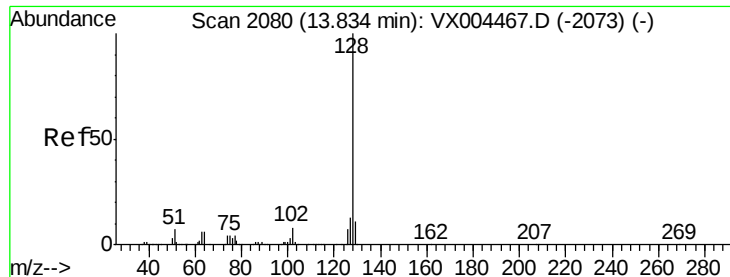
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 55.63 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004467.D

Acq: 11 Sep 2018 13:54

Instrument :

MSVOA_X

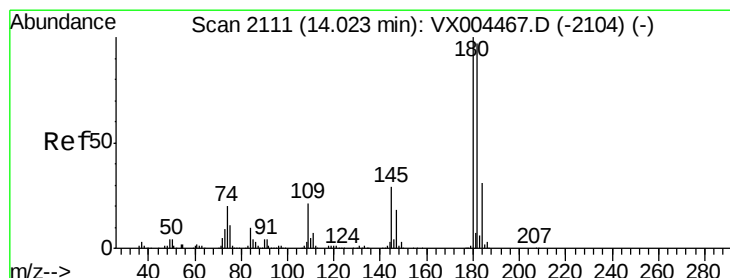
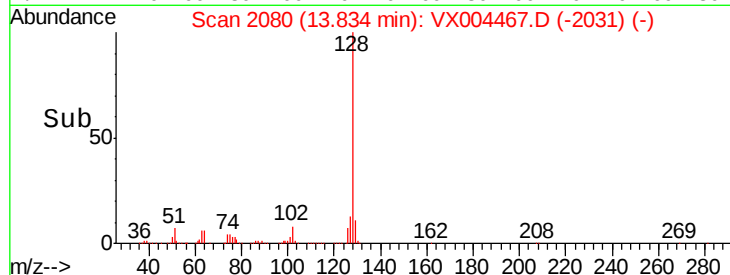
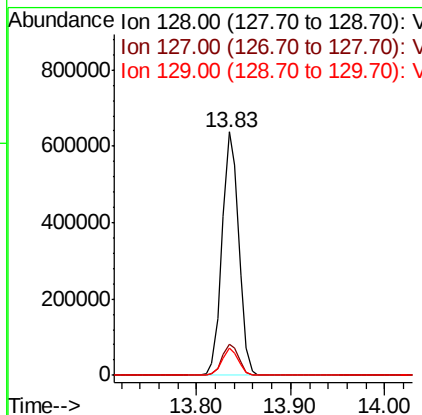
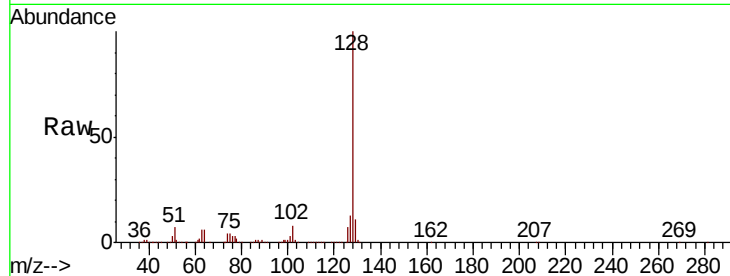
ClientSampleId :

VSTDICCC050

Tot Ion:	128	Resp:	781779
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.2	15.2
129	10.9	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
9/12/2018 11:26:18 AM



#96

1,2,3-Trichlorobenzene

Concen: 51.68 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. 0.00 min

Lab File: VX004467.D

Acq: 11 Sep 2018 13:54

Tgt Ion:	180	Resp:	266030
Ion Ratio	Lower	Upper	
180	100		
182	96.2	48.5	145.6
145	30.2	14.9	44.9

