

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111918\
 Data File : VX006079.D
 Acq On : 19 Nov 2018 09:39
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/20/2018 9:59:20 AM

Quant Time: Nov 19 13:21:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	108439	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	150440	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	137968	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	79651	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	63324	50.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.60%	
35) Dibromofluoromethane	5.50	113	52058	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	
50) Toluene-d8	8.71	98	194216	57.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.18%	
62) 4-Bromofluorobenzene	11.14	95	73654	60.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	43602	44.60	ug/l	98
3) Chloromethane	1.32	50	55672	43.39	ug/l	100
4) Vinyl Chloride	1.41	62	58747	45.61	ug/l	98
5) Bromomethane	1.64	94	42972	54.51	ug/l	99
6) Chloroethane	1.71	64	38274	49.80	ug/l	99
7) Trichlorofluoromethane	1.93	101	88787	51.93	ug/l	98
8) Diethyl Ether	2.19	74	37161	55.47	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	53345	54.25	ug/l	99
10) Methyl Iodide	2.51	142	63612	53.37	ug/l	99
11) Tert butyl alcohol	3.07	59	77541	217.13	ug/l	100
12) 1,1-Dichloroethene	2.37	96	47854	49.93	ug/l	92
13) Acrolein	2.29	56	43239	253.63	ug/l	99
14) Allyl chloride	2.73	41	114349	53.42	ug/l	99
15) Acrylonitrile	3.15	53	194800	263.21	ug/l	100
16) Acetone	2.45	43	191975	286.01	ug/l	99
17) Carbon Disulfide	2.57	76	135616	47.44	ug/l	100
18) Methyl Acetate	2.78	43	100208	55.88	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	190392	58.20	ug/l	100
20) Methylene Chloride	2.85	84	56848	51.56	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	52039	51.47	ug/l	96
22) Diisopropyl ether	3.87	45	216636	57.77	ug/l	# 98
23) Vinyl Acetate	3.82	43	879786	273.63	ug/l	98
24) 1,1-Dichloroethane	3.70	63	110371	55.17	ug/l	99
25) 2-Butanone	4.70	43	253261	240.00	ug/l	100
26) 2,2-Dichloropropane	4.58	77	81861	55.78	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	55776	49.97	ug/l	100
28) Bromochloromethane	5.01	49	49361	55.20	ug/l	98
29) Tetrahydrofuran	5.15	42	156222	230.56	ug/l	100
30) Chloroform	5.21	83	95932	49.70	ug/l	97
31) Cyclohexane	5.57	56	79169	45.59	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	84496	52.48	ug/l	98
36) 1,1-Dichloropropene	5.80	75	68663	47.34	ug/l	98
37) Ethyl Acetate	4.85	43	85421	44.79	ug/l	100
38) Carbon Tetrachloride	5.78	117	75191	51.79	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	79063	53.79	ug/l	99
40) Benzene	6.14	78	203955	48.24	ug/l	98
41) Methacrylonitrile	5.06	41	51162	49.65	ug/l	99
42) 1,2-Dichloroethane	6.20	62	76408	50.46	ug/l	100
43) Isopropyl Acetate	6.46	43	132761	48.04	ug/l	98
44) Trichloroethene	7.21	130	57520	53.57	ug/l	98
45) 1,2-Dichloropropane	7.51	63	57269	55.81	ug/l	100
46) Dibromomethane	7.66	93	36439	56.59	ug/l	98
47) Bromodichloromethane	7.90	83	77043	63.31	ug/l	98
48) Methyl methacrylate	7.77	41	68048	54.84	ug/l	99
49) 1,4-Dioxane	7.75	88	25895	968.45	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	476381	273.52	ug/l	99
52) Toluene	8.79	92	129576	54.84	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	85283	59.38	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	90606	61.90	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	55358	52.57	ug/l	97
56) Ethyl methacrylate	9.18	69	81988	52.03	ug/l	99
57) 1,3-Dichloropropane	9.37	76	93351	52.75	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	272674	315.34	ug/l	100
59) 2-Hexanone	9.49	43	388340	252.96	ug/l	99
60) Dibromochloromethane	9.59	129	64257	56.46	ug/l	99
61) 1,2-Dibromoethane	9.67	107	57407	49.30	ug/l	100
64) Tetrachloroethene	9.34	164	60398	51.42	ug/l	98
65) Chlorobenzene	10.14	112	149951	54.25	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	57891	60.25	ug/l	100
67) Ethyl Benzene	10.25	91	259831	58.63	ug/l	99
68) m/p-Xylenes	10.36	106	198907	117.66	ug/l	99
69) o-Xylene	10.70	106	95207	62.80	ug/l	100
70) Styrene	10.71	104	163178	65.25	ug/l	100
71) Bromoform	10.86	173	55570	68.99	ug/l	99
73) Isopropylbenzene	11.02	105	267743	58.13	ug/l	99
74) N-amyl acetate	10.90	43	119648	46.39	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	89894	53.17	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	88769m	54.73	ug/l	
77) Bromobenzene	11.26	156	70545	54.34	ug/l	100
78) n-propylbenzene	11.36	91	313638	57.78	ug/l	99
79) 2-Chlorotoluene	11.42	91	183545	55.94	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	229228	58.56	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	30706	60.34	ug/l	97
82) 4-Chlorotoluene	11.51	91	219769	56.83	ug/l	100
83) tert-Butylbenzene	11.77	119	228201	57.63	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	236069	54.66	ug/l	100
85) sec-Butylbenzene	11.94	105	277187	57.24	ug/l	100
86) p-Isopropyltoluene	12.07	119	255308	59.52	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	134861	54.13	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	137696	53.98	ug/l	99
89) n-Butylbenzene	12.39	91	229943	57.84	ug/l	99
90) Hexachloroethane	12.60	117	44069	61.54	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	133831	53.62	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	22660	54.93	ug/l	98

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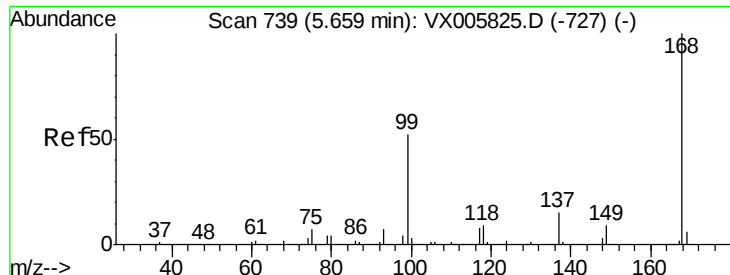
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	104790	59.64	ug/l	100
94) Hexachlorobutadiene	13.79	225	52774	57.18	ug/l	99
95) Naphthalene	13.83	128	307920	53.65	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	104749	58.51	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX006079.D

Acq: 19 Nov 2018 09:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:168 Resp: 108439

Ion Ratio Lower Upper

168 100

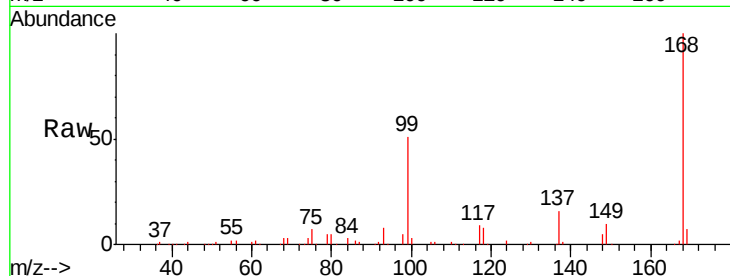
99 50.9 40.7 61.1

Manual Integrations

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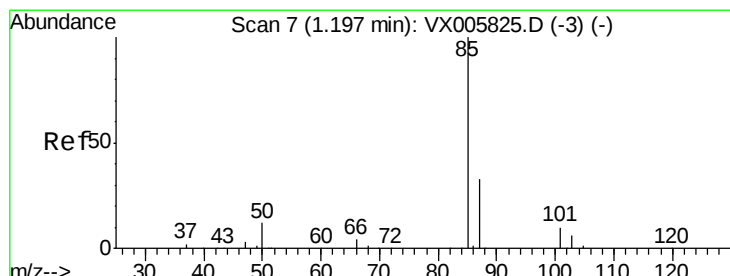
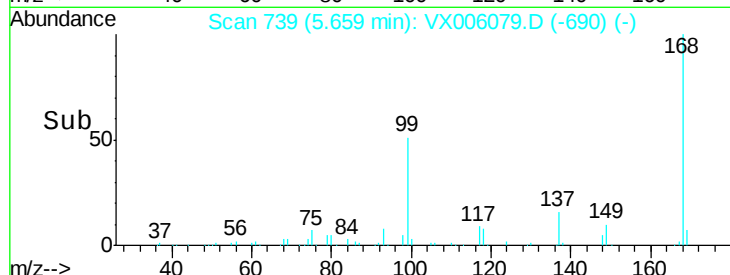
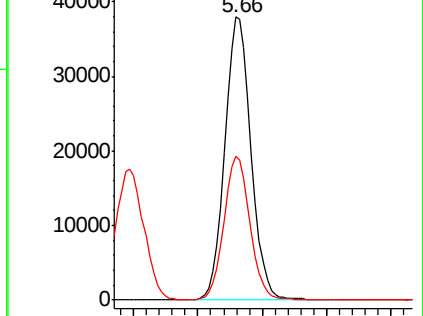
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 44.60 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006079.D

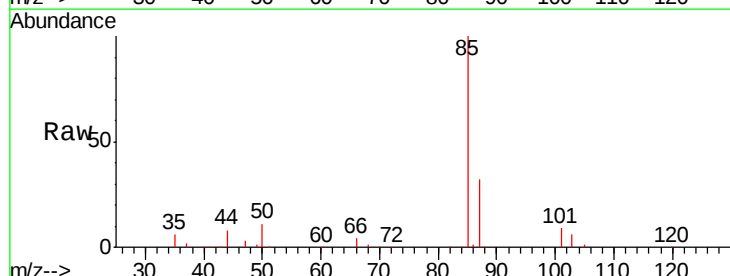
Acq: 19 Nov 2018 09:39

Tgt Ion: 85 Resp: 43602

Ion Ratio Lower Upper

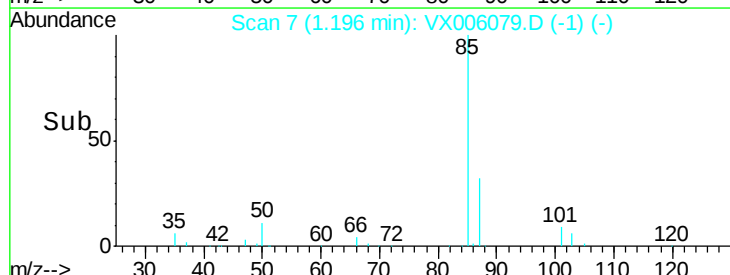
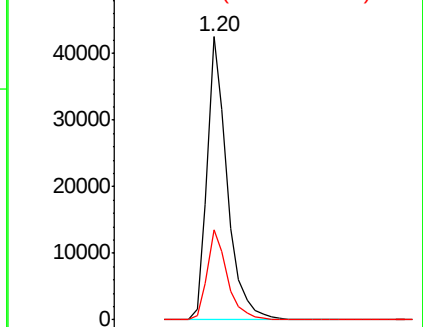
85 100

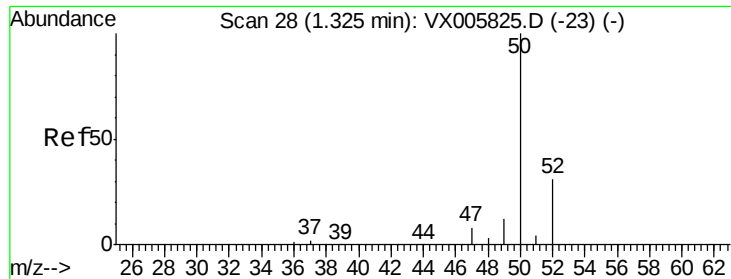
87 31.7 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 43.39 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX006079.D

Acq: 19 Nov 2018 09:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 55672

Ion Ratio Lower Upper

50 100

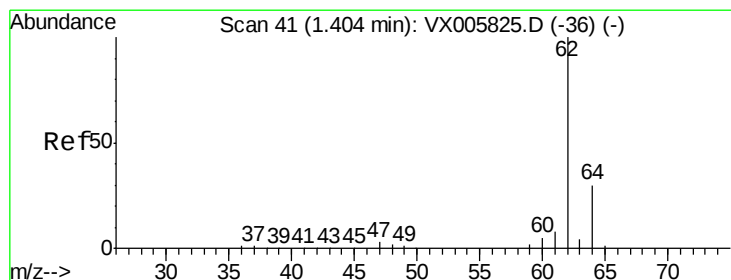
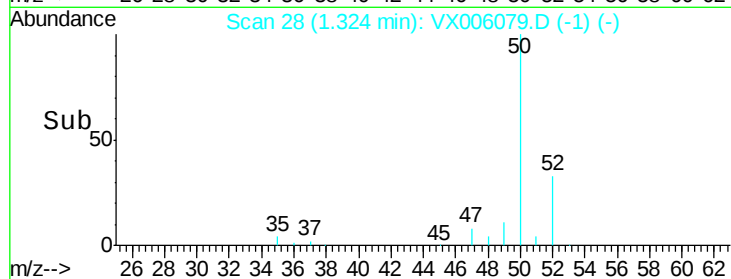
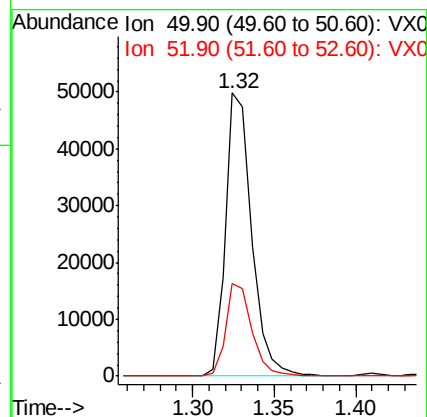
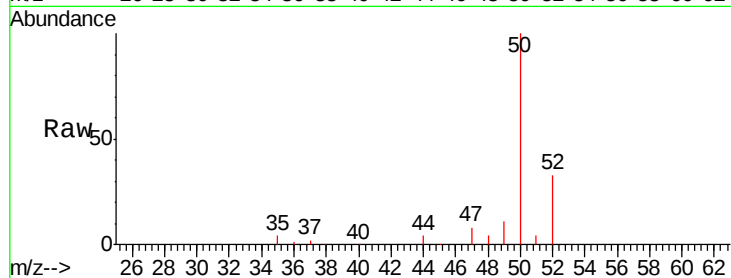
52 32.7 26.2 39.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 45.61 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX006079.D

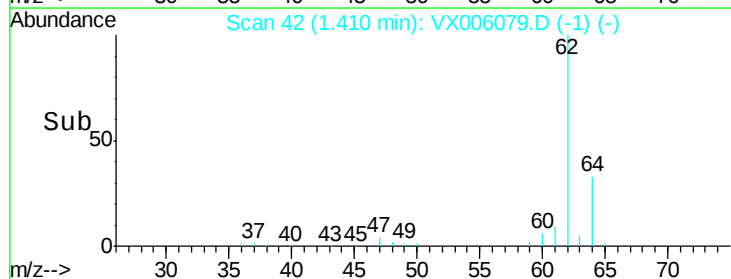
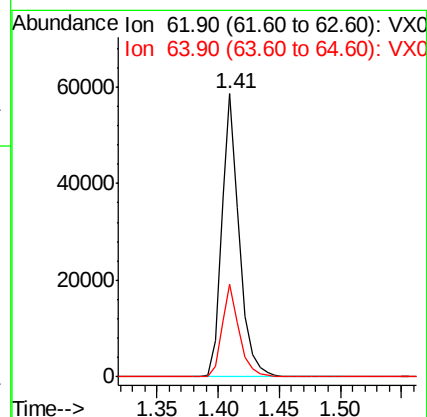
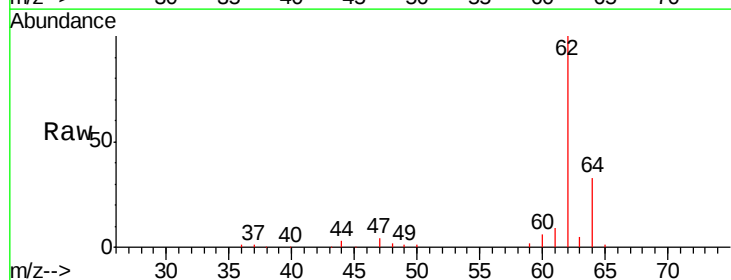
Acq: 19 Nov 2018 09:39

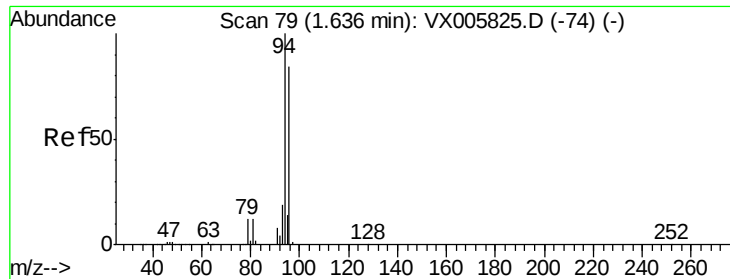
Tgt Ion: 62 Resp: 58747

Ion Ratio Lower Upper

62 100

64 32.6 25.3 37.9





#5

Bromomethane

Concen: 54.51 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX006079.D

Acq: 19 Nov 2018 09:39

Instrument :

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ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 42972

Ion Ratio Lower Upper

94 100

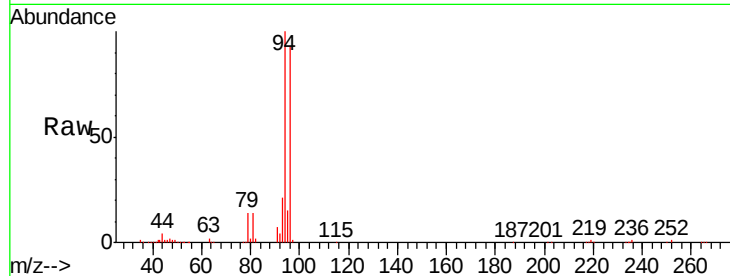
96 92.9 75.2 112.8

Manual Integrations

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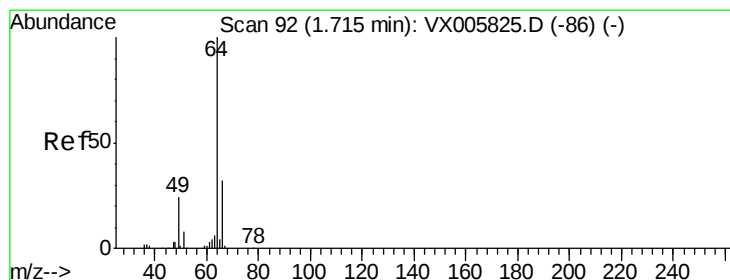
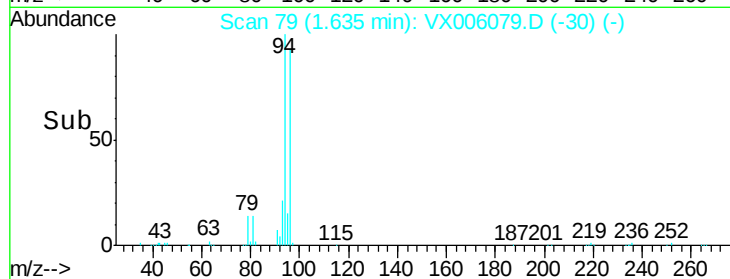
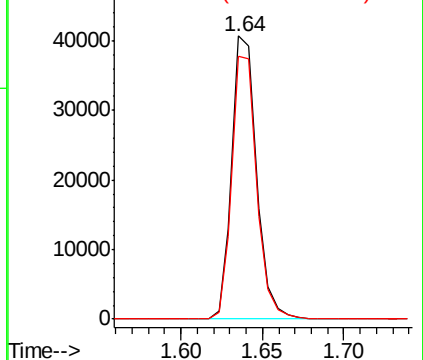
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.80 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX006079.D

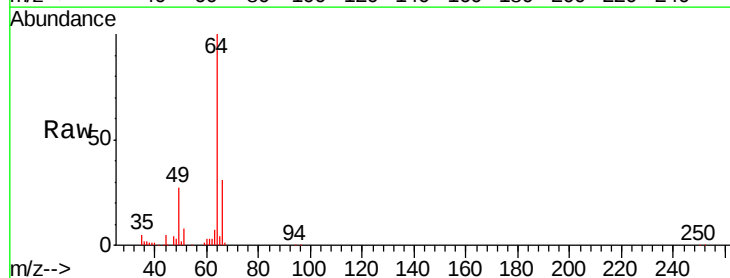
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Tgt Ion: 64 Resp: 38274

Ion Ratio Lower Upper

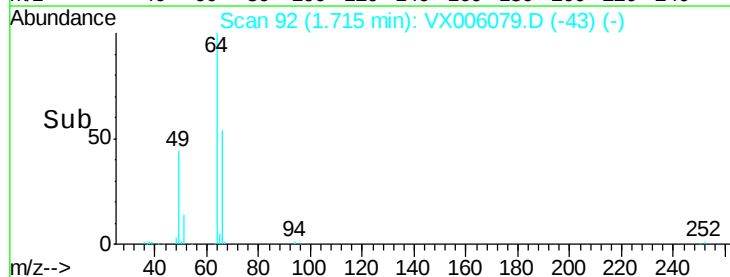
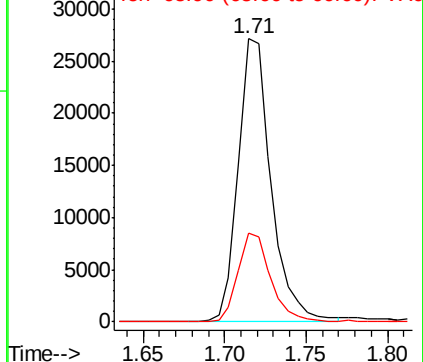
64 100

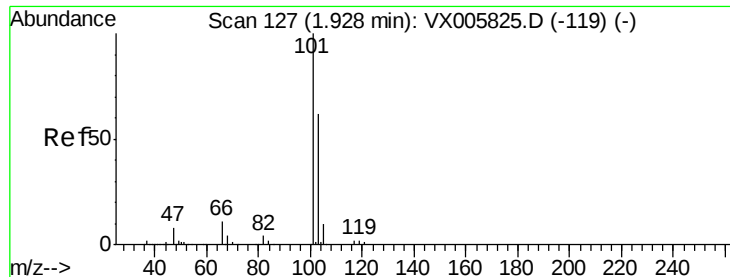
66 31.4 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 51.93 ug/l

RT: 1.93 min Scan# 127

Delta R.T. -0.00 min

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Tgt Ion:101 Resp: 88787

Ion Ratio Lower Upper

101 100

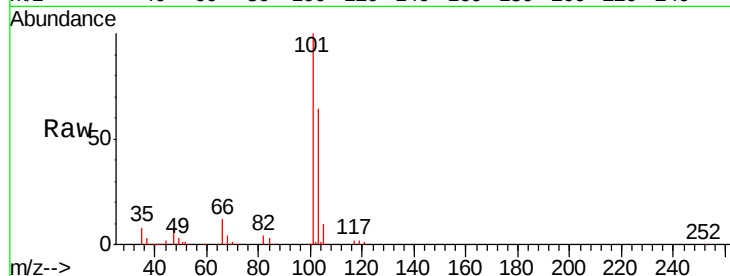
103 64.0 50.0 75.0

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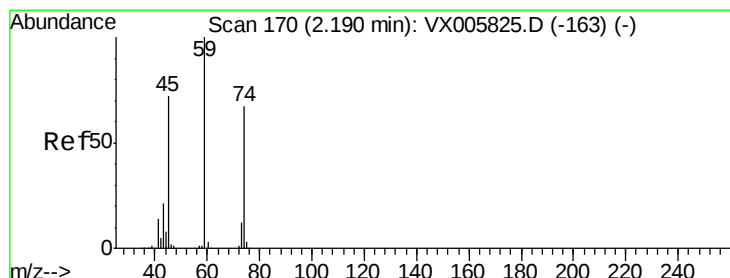
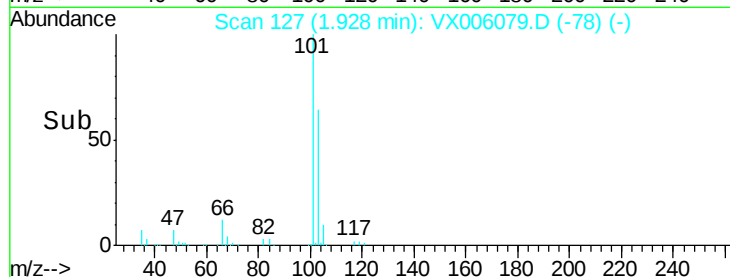
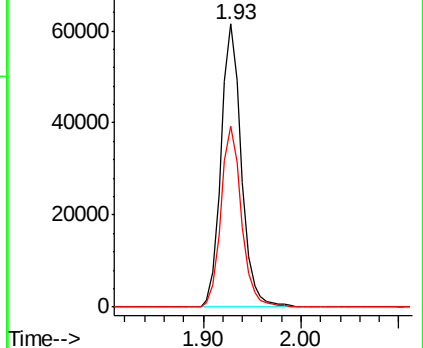
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Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 55.47 ug/l

RT: 2.19 min Scan# 170

Delta R.T. -0.00 min

Lab File: VX006079.D

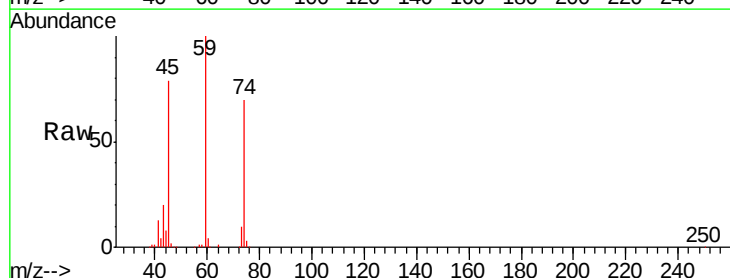
Acq: 19 Nov 2018 09:39

Tgt Ion: 74 Resp: 37161

Ion Ratio Lower Upper

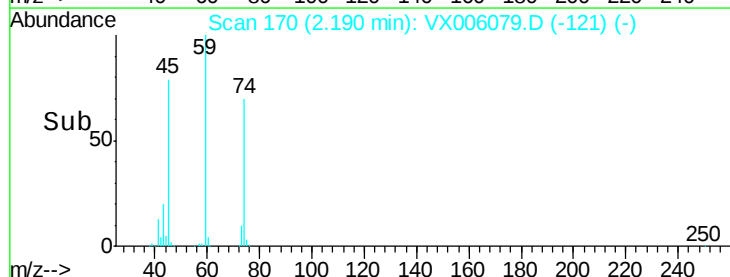
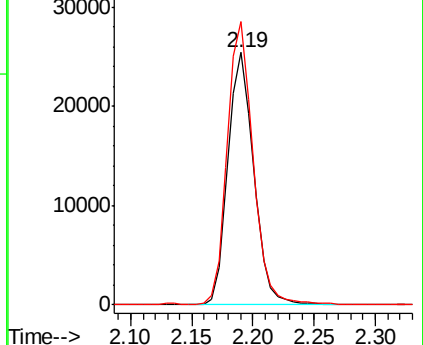
74 100

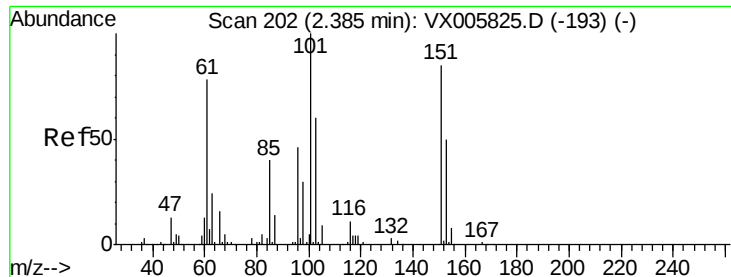
45 111.0 54.1 162.3



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





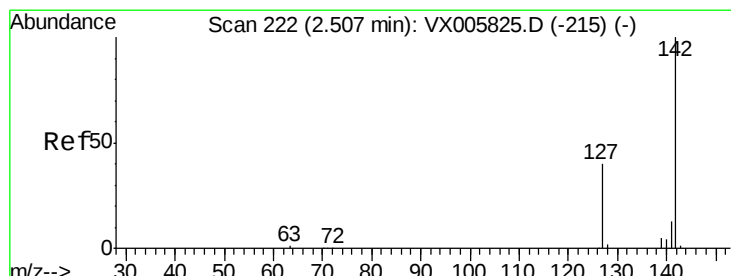
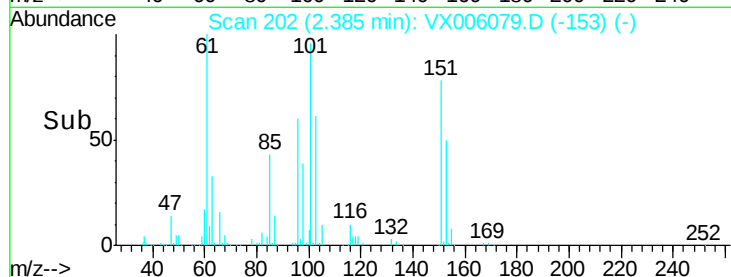
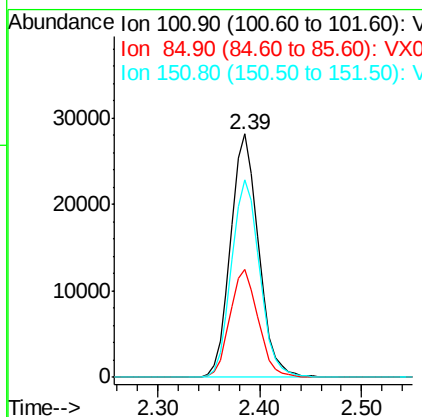
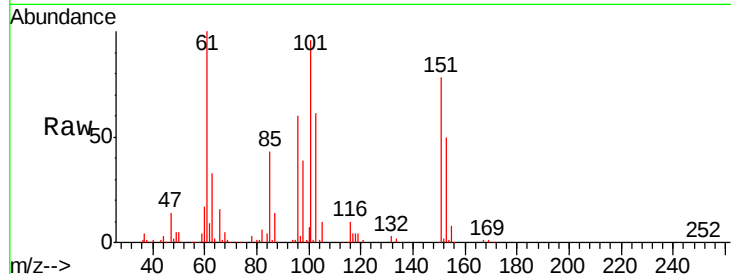
#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.25 ug/l
RT: 2.39 min Scan# 202
Delta R.T. -0.00 min
Lab File: VX006079.D
Acq: 19 Nov 2018 09:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	53345		
85	44.7	35.0	52.4	
151	82.2	66.2	99.2	

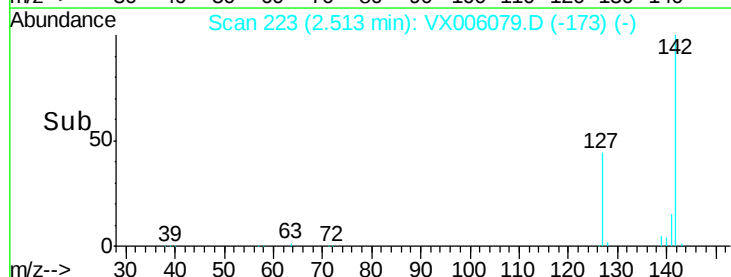
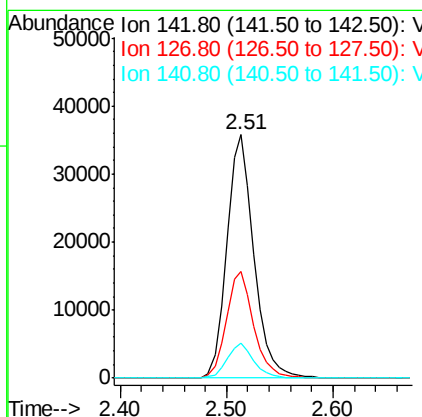
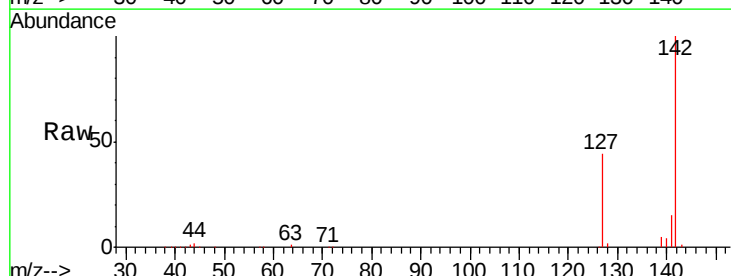
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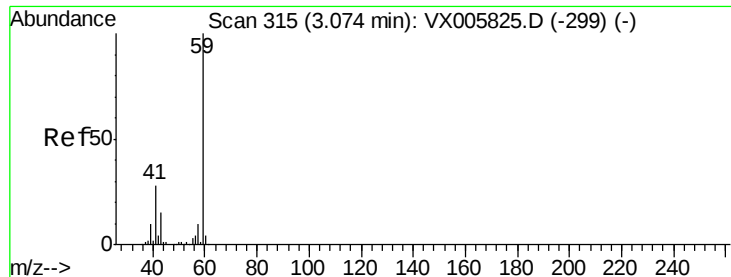
MMDadoda
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#10
Methyl Iodide
Concen: 53.37 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX006079.D
Acq: 19 Nov 2018 09:39

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	63612		
127	44.3	36.0	54.0	
141	14.3	11.7	17.5	





#11

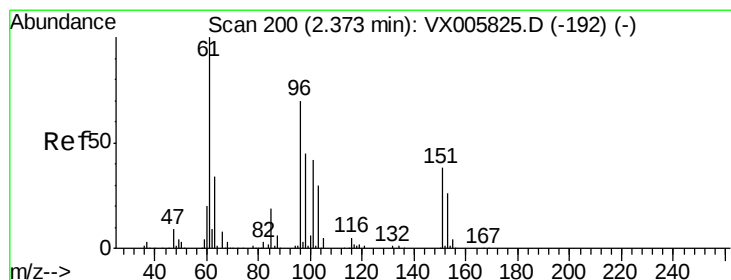
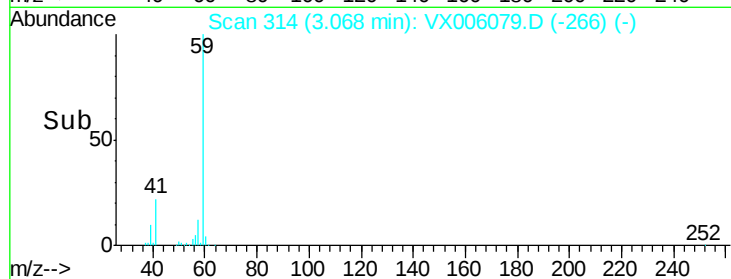
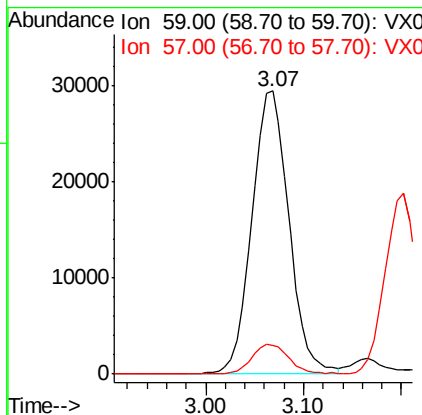
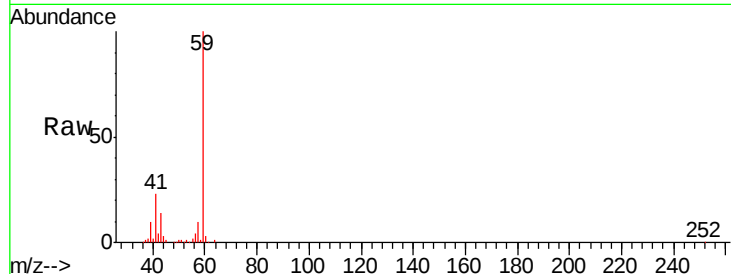
Tert butyl alcohol
Concen: 217.13 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX006079.D
Acq: 19 Nov 2018 09:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 77541
Ion Ratio Lower Upper
59 100
57 10.6 8.5 12.7

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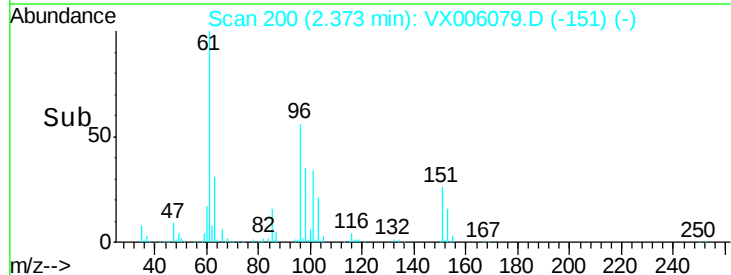
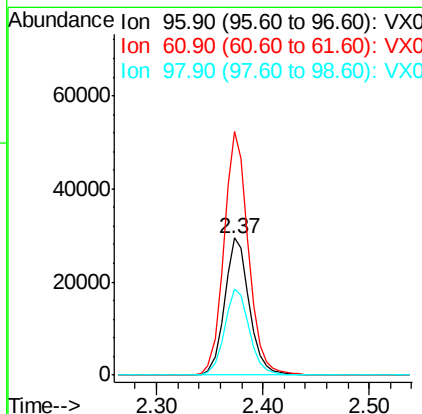
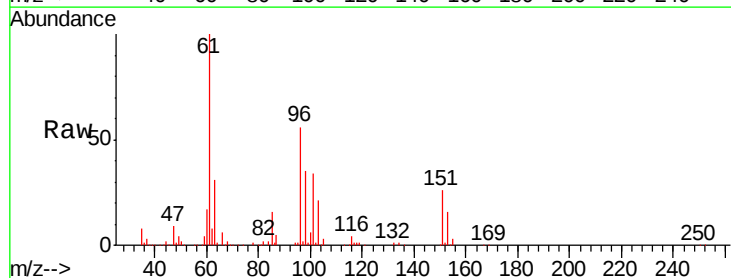
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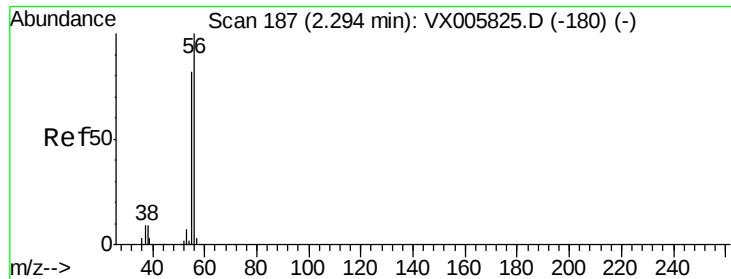


#12

1,1-Dichloroethene
Concen: 49.93 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX006079.D
Acq: 19 Nov 2018 09:39

Tgt Ion: 96 Resp: 47854
Ion Ratio Lower Upper
96 100
61 177.5 131.8 197.8
98 62.9 53.4 80.2





#13

Acrolein

Concen: 253.63 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX006079.D

Acq: 19 Nov 2018 09:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 43239

Ion Ratio Lower Upper

56 100

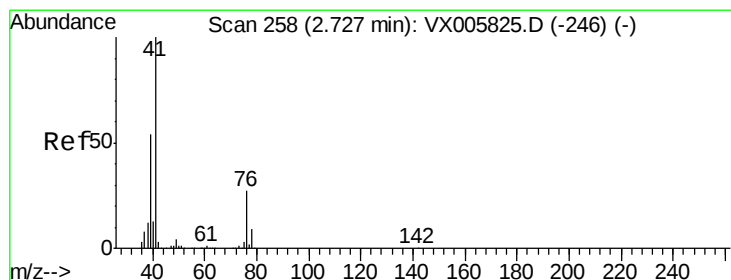
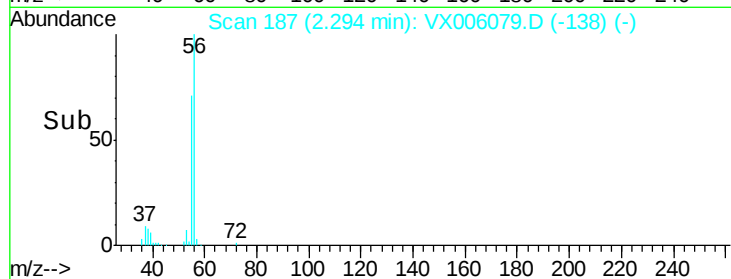
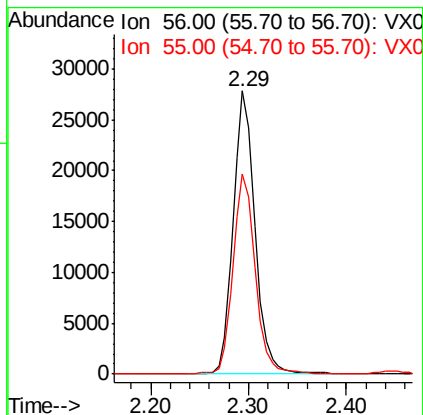
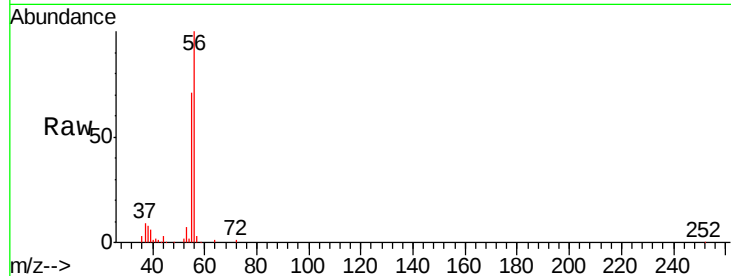
55 72.3 57.3 85.9

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#14

Allyl chloride

Concen: 53.42 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX006079.D

Acq: 19 Nov 2018 09:39

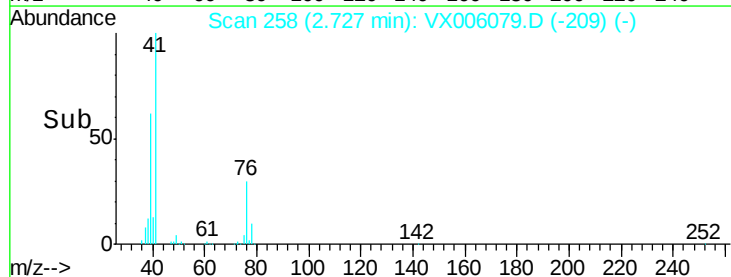
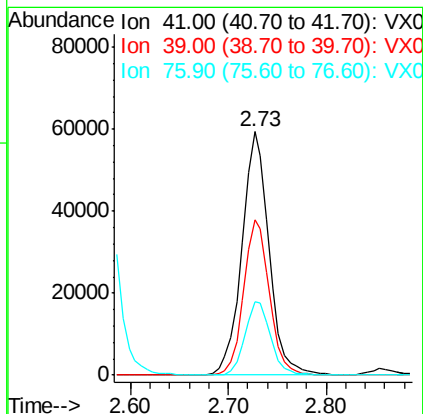
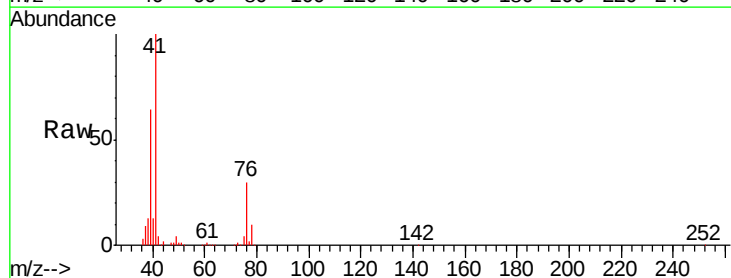
Tgt Ion: 41 Resp: 114349

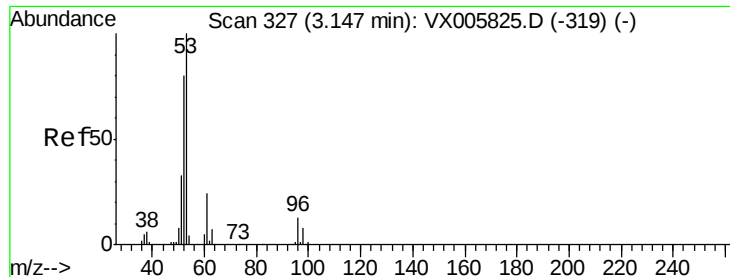
Ion Ratio Lower Upper

41 100

39 60.8 48.2 72.4

76 28.5 21.9 32.9





#15

Acrylonitrile

Concen: 263.21 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX006079.D

Acq: 19 Nov 2018 09:39

Instrument :

MSVOA_X

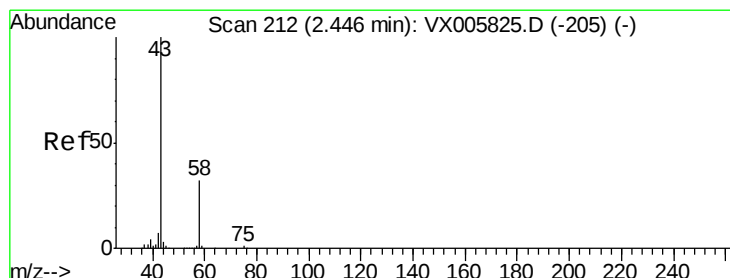
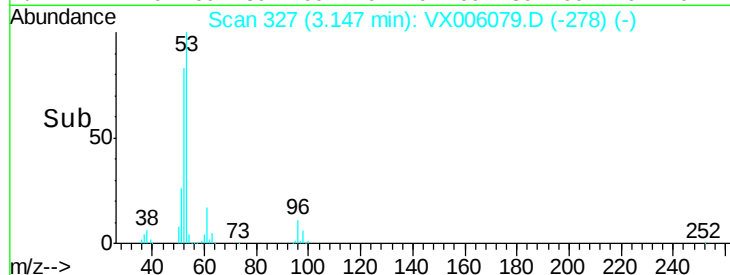
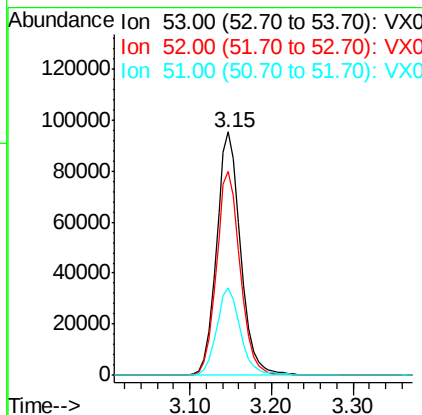
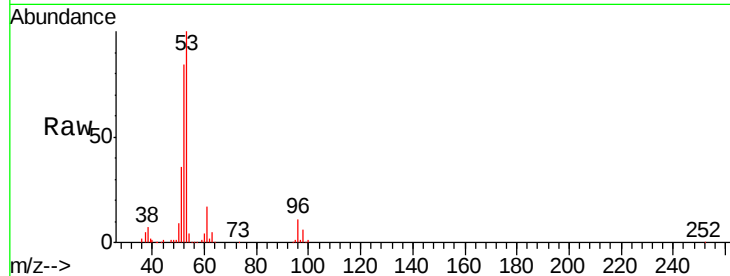
ClientSampleId :

VSTDCCC050

Tgt Ion:	53	Resp:	194800
Ion	Ratio	Lower	Upper
53	100		
52	83.1	66.6	99.8
51	35.9	28.4	42.6

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#16

Acetone

Concen: 286.01 ug/l

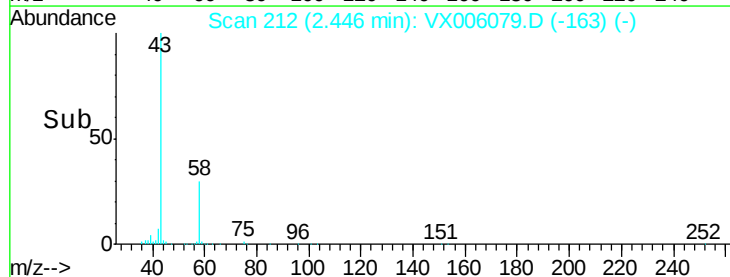
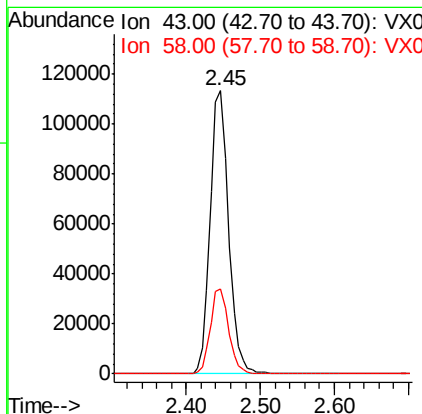
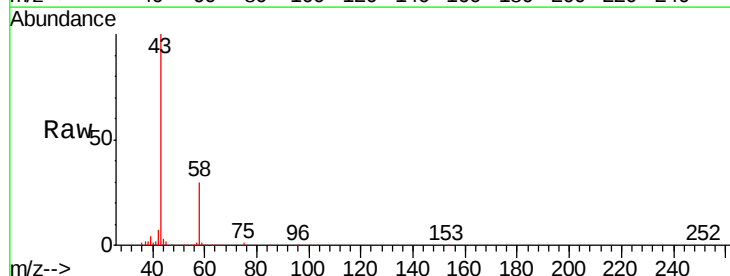
RT: 2.45 min Scan# 212

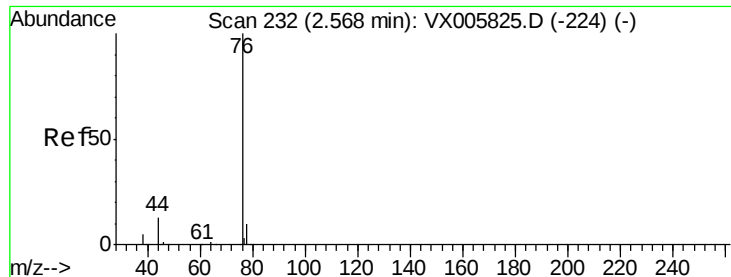
Delta R.T. -0.00 min

Lab File: VX006079.D

Acq: 19 Nov 2018 09:39

Tgt Ion:	43	Resp:	191975
Ion	Ratio	Lower	Upper
43	100		
58	30.2	23.8	35.6





#17

Carbon Disulfide

Concen: 47.44 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX006079.D

Acq: 19 Nov 2018 09:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 135616

Ion Ratio Lower Upper

76 100

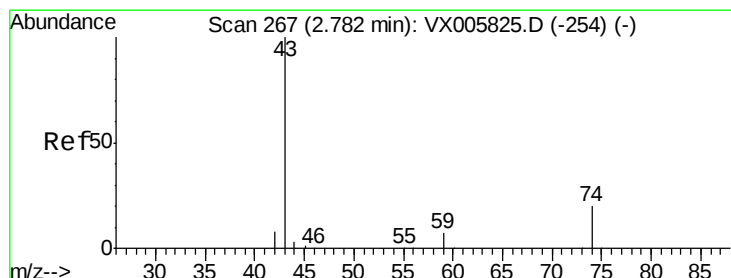
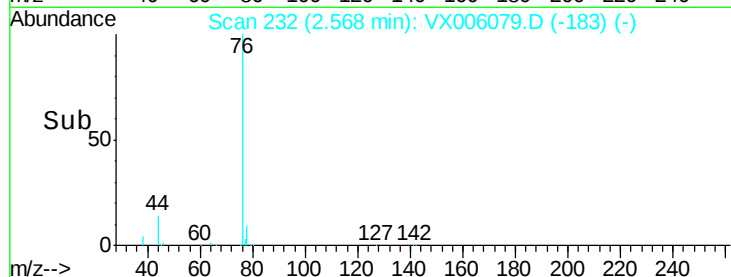
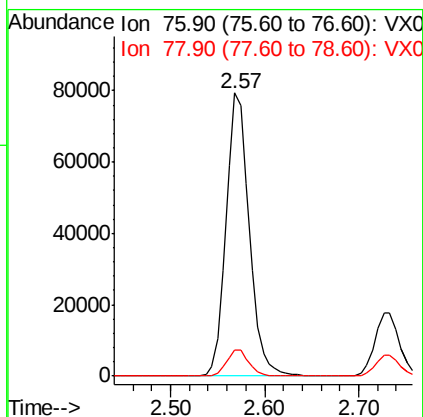
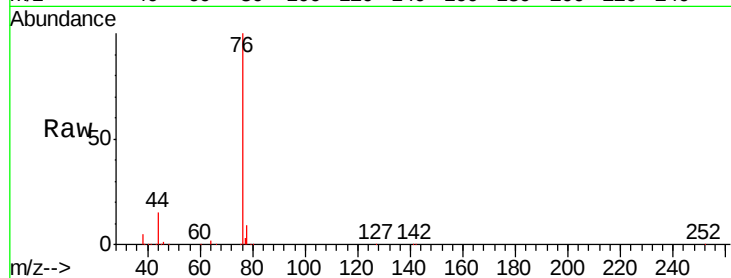
78 9.2 7.3 10.9

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#18

Methyl Acetate

Concen: 55.88 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX006079.D

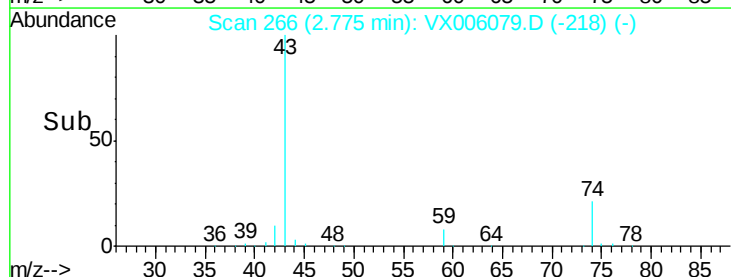
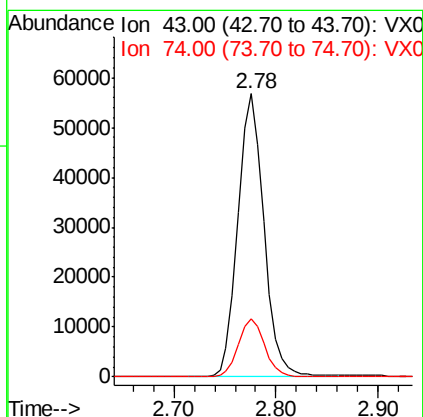
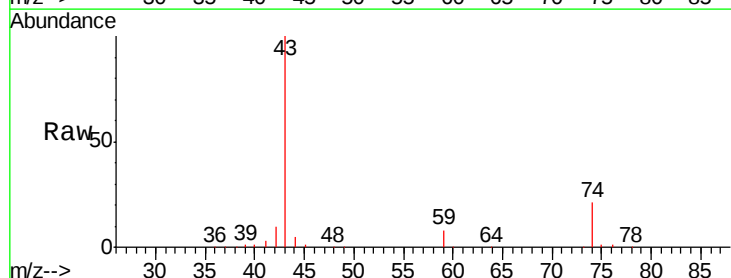
Acq: 19 Nov 2018 09:39

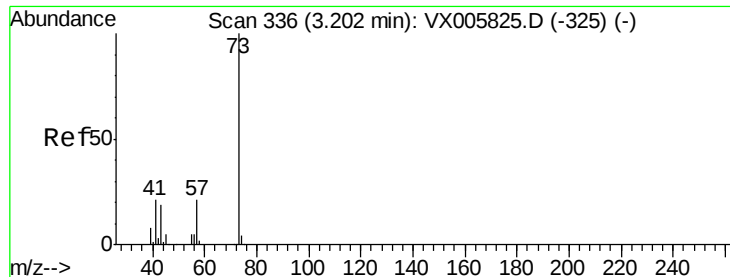
Tgt Ion: 43 Resp: 100208

Ion Ratio Lower Upper

43 100

74 21.0 16.8 25.2





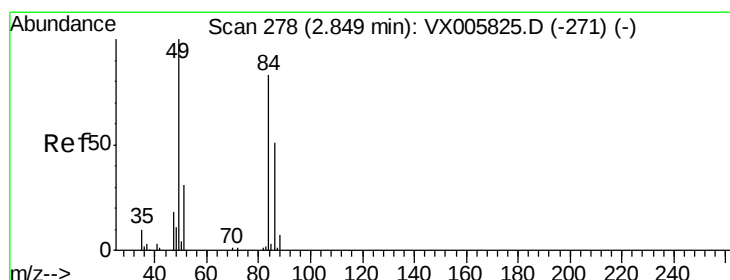
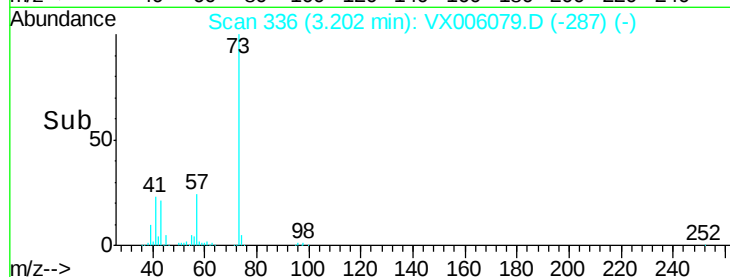
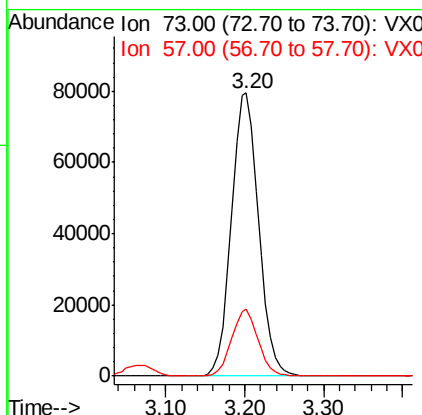
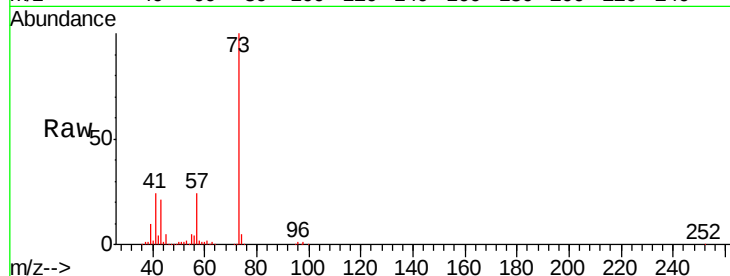
#19
Methyl tert-butyl Ether
Concen: 58.20 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX006079.D
Acq: 19 Nov 2018 09:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 190392
Ion Ratio Lower Upper
73 100
57 23.6 18.8 28.2

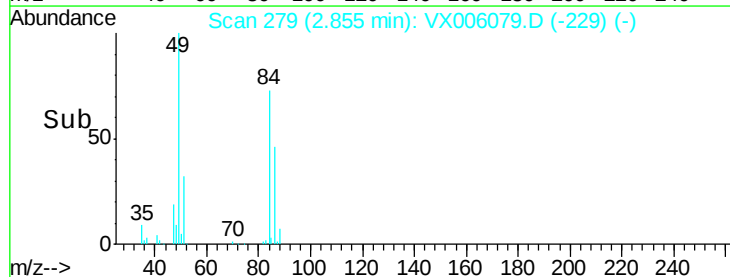
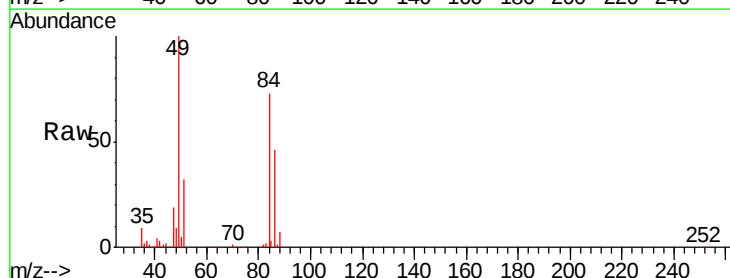
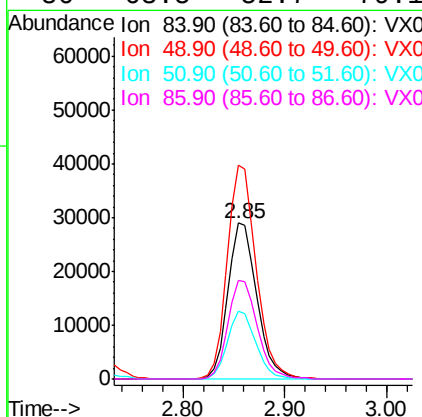
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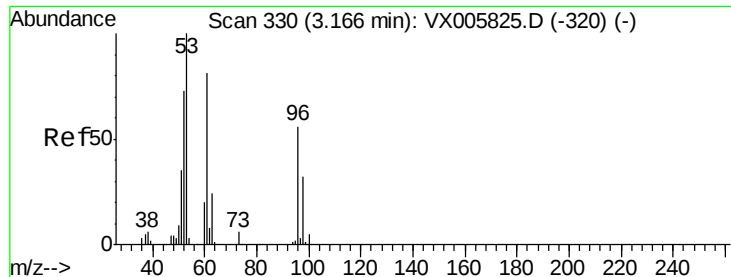
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#20
Methylene Chloride
Concen: 51.56 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.01 min
Lab File: VX006079.D
Acq: 19 Nov 2018 09:39

Tgt Ion: 84 Resp: 56848
Ion Ratio Lower Upper
84 100
49 137.3 109.5 164.3
51 43.4 33.3 49.9
86 63.5 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 51.47 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006079.D

Acq: 19 Nov 2018 09:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 52039

Ion Ratio Lower Upper

96 100

61 149.6 115.6 173.4

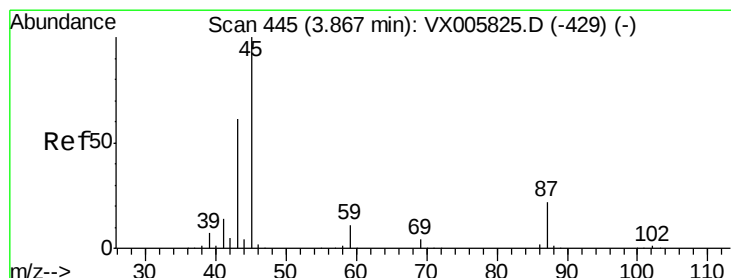
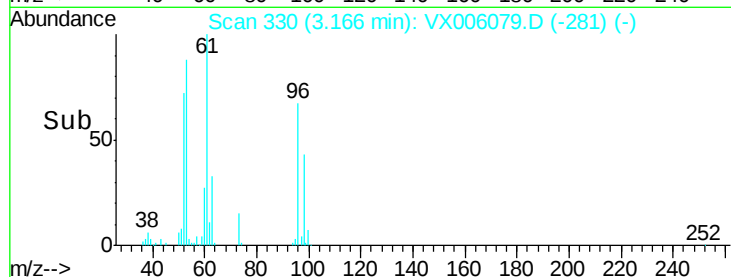
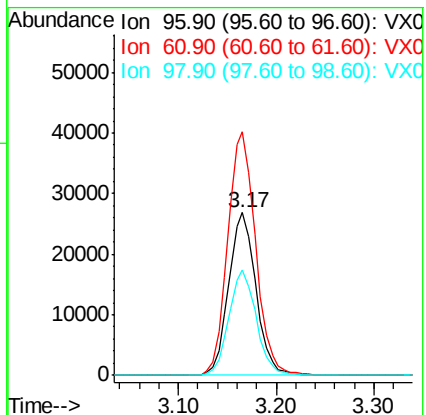
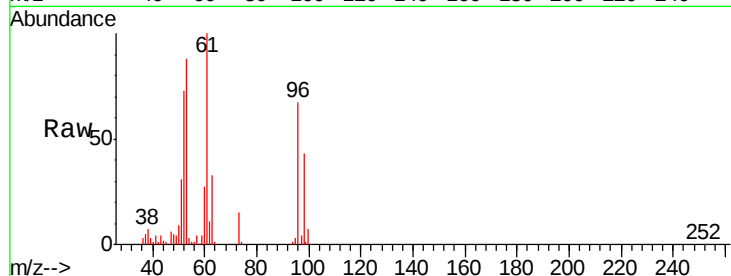
98 65.0 50.2 75.2

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#22

Diisopropyl ether

Concen: 57.77 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX006079.D

Acq: 19 Nov 2018 09:39

Tgt Ion: 45 Resp: 216636

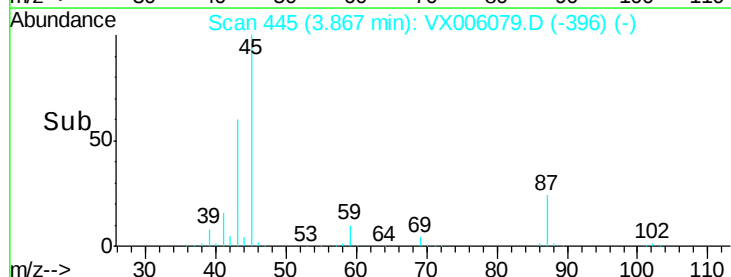
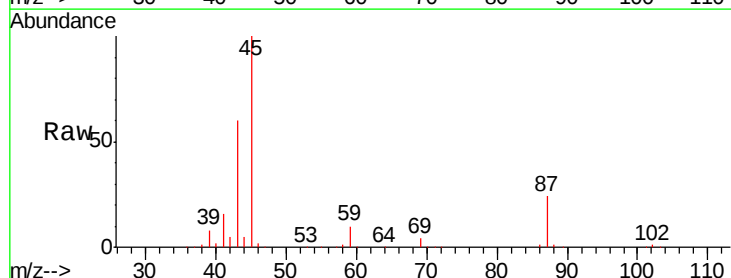
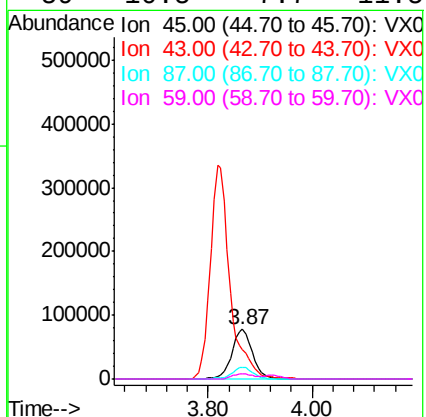
Ion Ratio Lower Upper

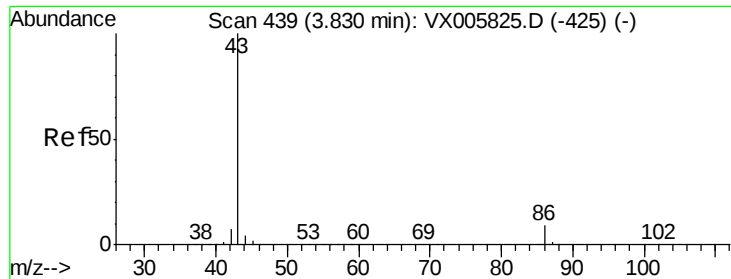
45 100

43 59.6 47.4 71.2

87 24.0 15.9 23.9#

59 10.5 7.7 11.5





#23

Vinyl Acetate

Concen: 273.63 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.01 min

Lab File: VX006079.D

Acq: 19 Nov 2018 09:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 879786

Ion Ratio Lower Upper

43 100

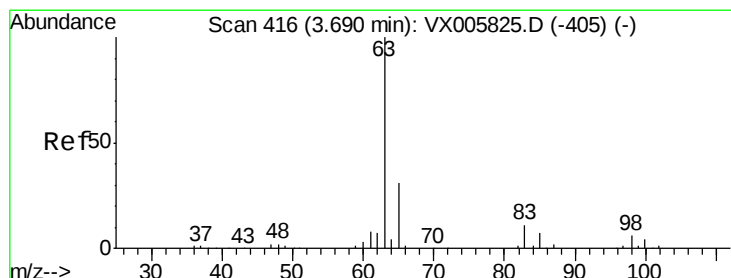
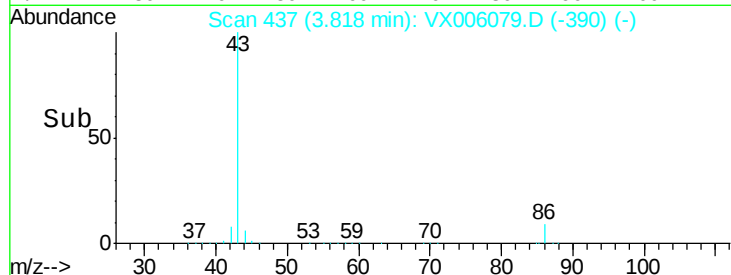
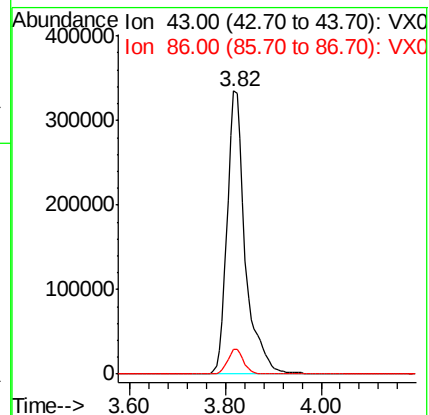
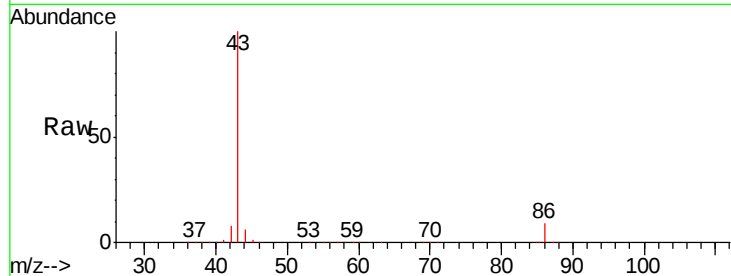
86 8.7 7.4 11.2

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#24

1,1-Dichloroethane

Concen: 55.17 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX006079.D

Acq: 19 Nov 2018 09:39

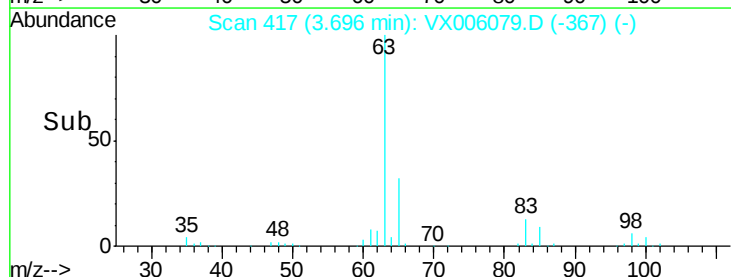
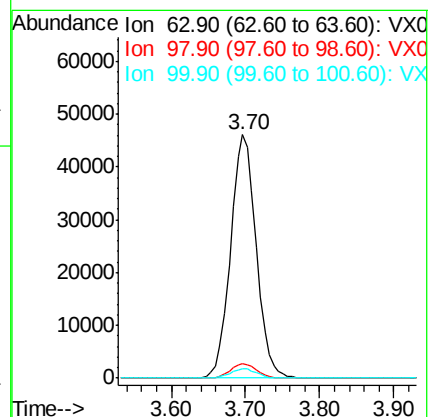
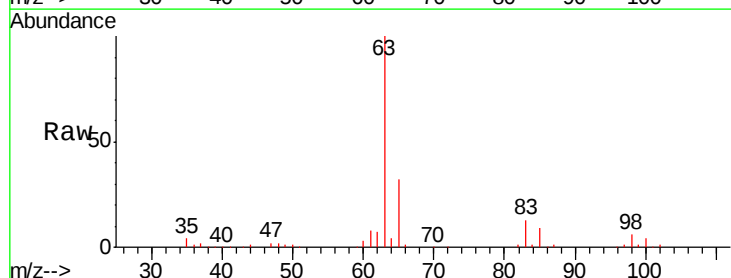
Tgt Ion: 63 Resp: 110371

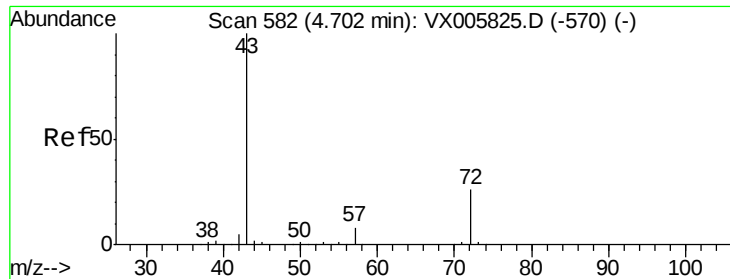
Ion Ratio Lower Upper

63 100

98 5.9 3.2 9.6

100 3.9 2.1 6.2





#25

2-Butanone

Concen: 240.00 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX006079.D

Acq: 19 Nov 2018 09:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 253261

Ion Ratio Lower Upper

43 100

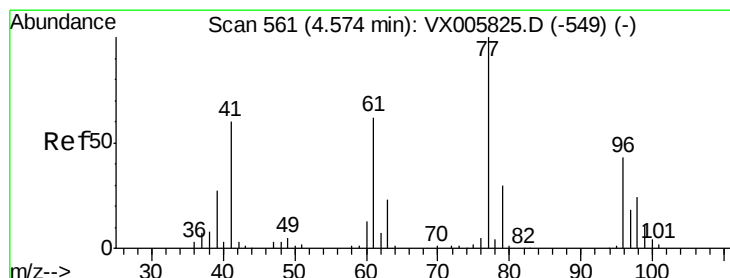
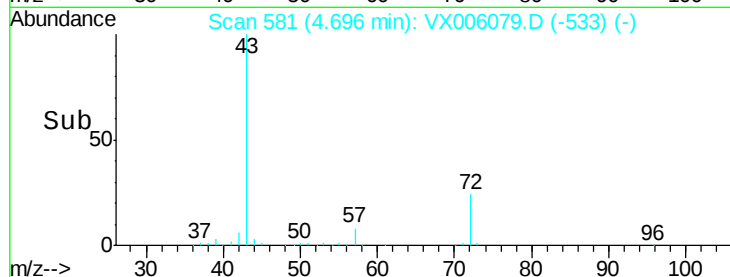
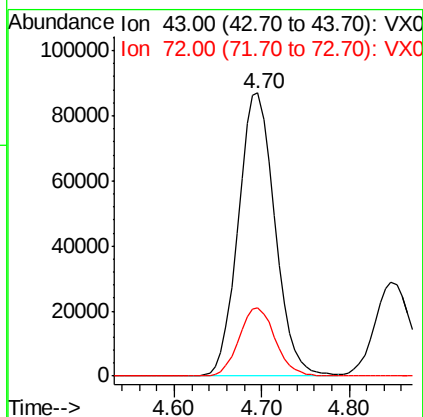
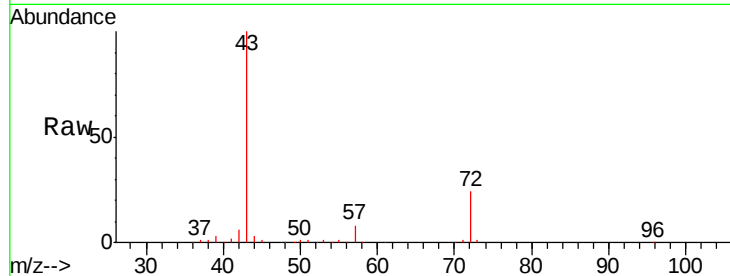
72 24.1 19.2 28.8

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#26

2,2-Dichloropropane

Concen: 55.78 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.01 min

Lab File: VX006079.D

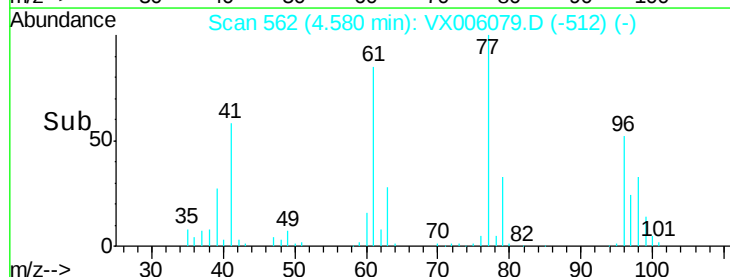
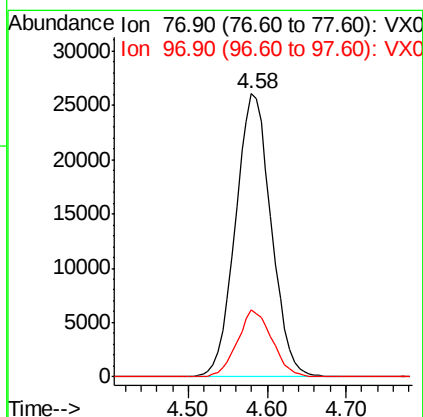
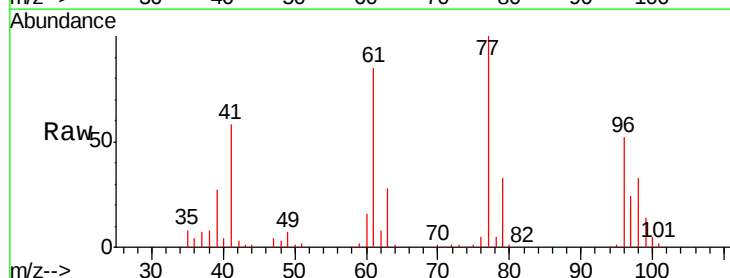
Acq: 19 Nov 2018 09:39

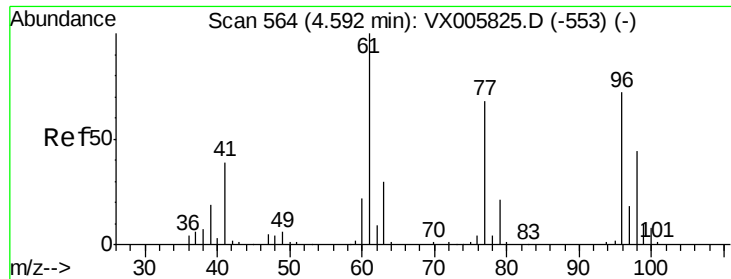
Tgt Ion: 77 Resp: 81861

Ion Ratio Lower Upper

77 100

97 23.0 11.5 34.5





#27

cis-1,2-Dichloroethene

Concen: 49.97 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.01 min

Lab File: VX006079.D

Acq: 19 Nov 2018 09:39

Instrument :

MSVOA_X

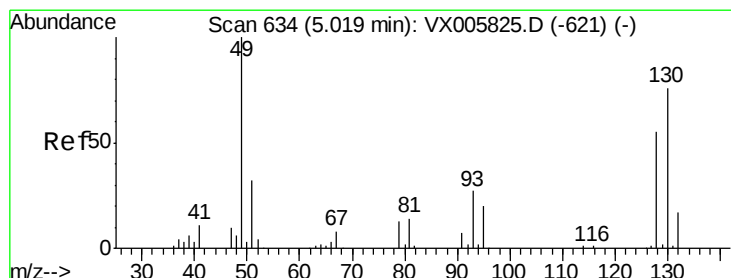
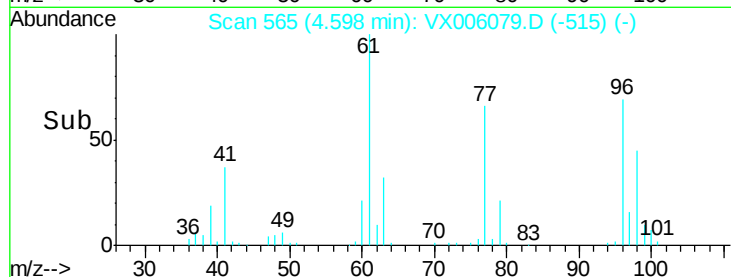
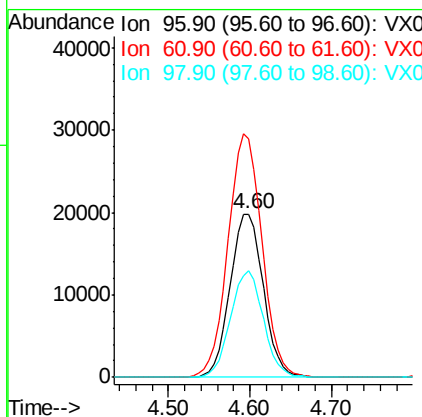
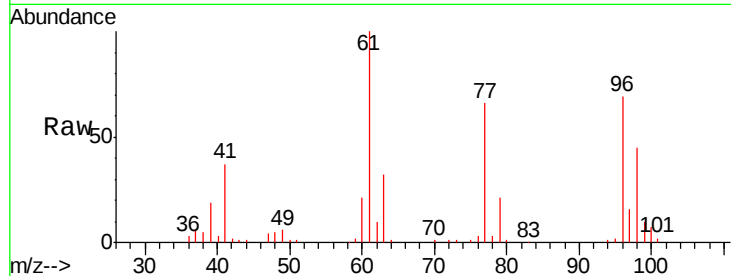
ClientSampleId :

VSTDCCC050

Tgt Ion:	96	Resp:	55776
Ion	Ratio	Lower	Upper
96	100		
61	152.6	0.0	304.6
98	64.4	0.0	127.4

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#28

Bromochloromethane

Concen: 55.20 ug/l

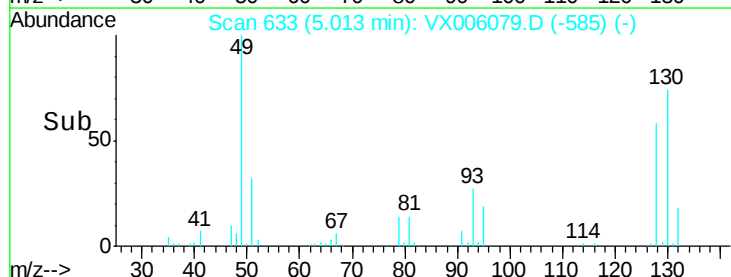
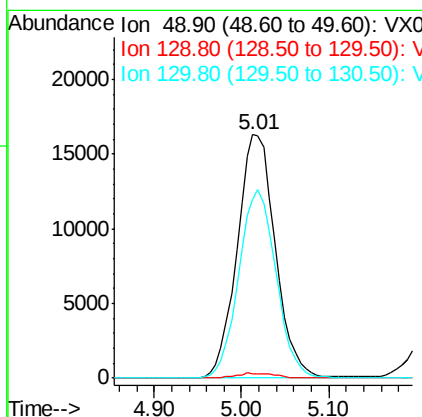
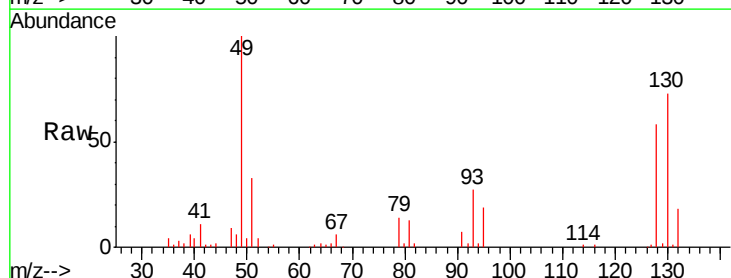
RT: 5.01 min Scan# 633

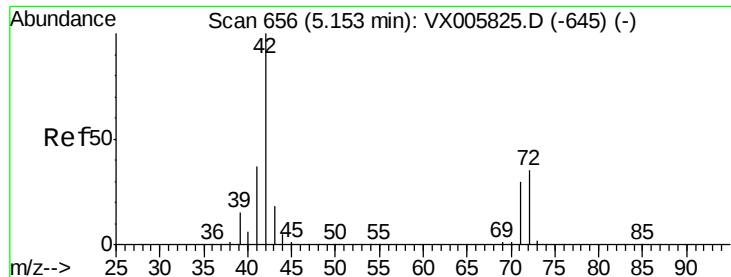
Delta R.T. -0.01 min

Lab File: VX006079.D

Acq: 19 Nov 2018 09:39

Tgt Ion:	49	Resp:	49361
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	75.7	58.9	88.3





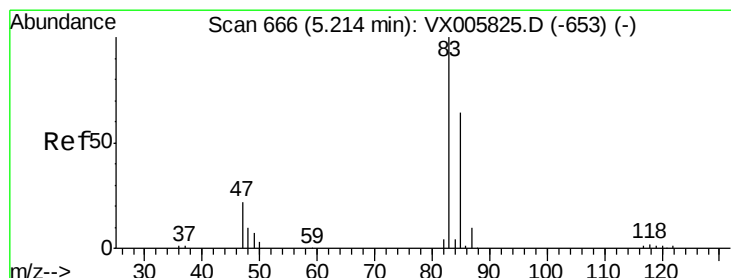
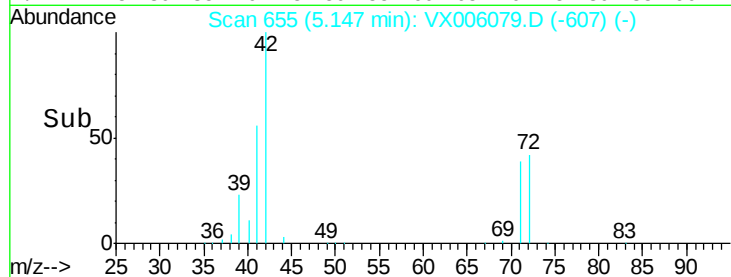
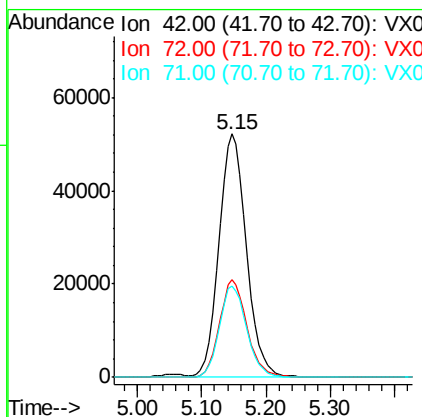
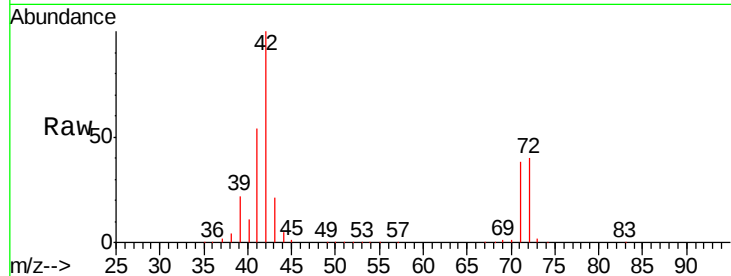
#29
Tetrahydrofuran
Concen: 230.56 ug/l
RT: 5.15 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX006079.D
Acq: 19 Nov 2018 09:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	40.1	32.0	48.0
71	37.7	29.8	44.8

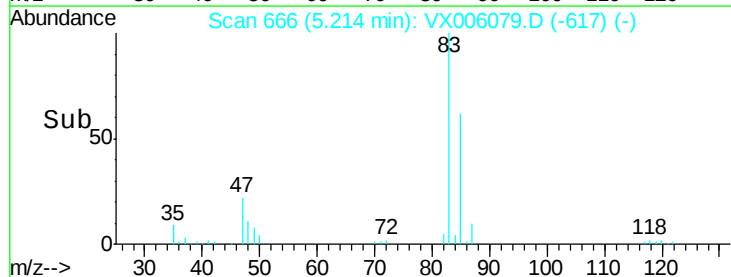
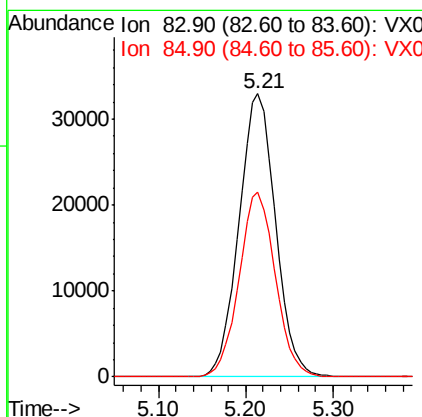
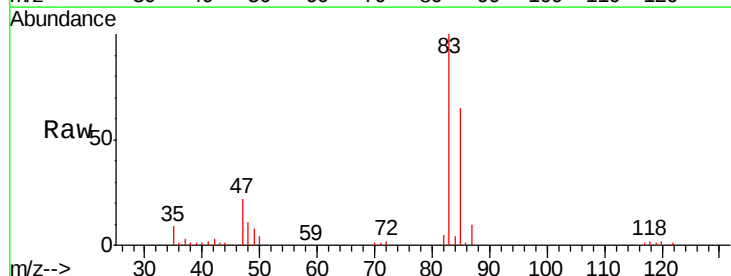
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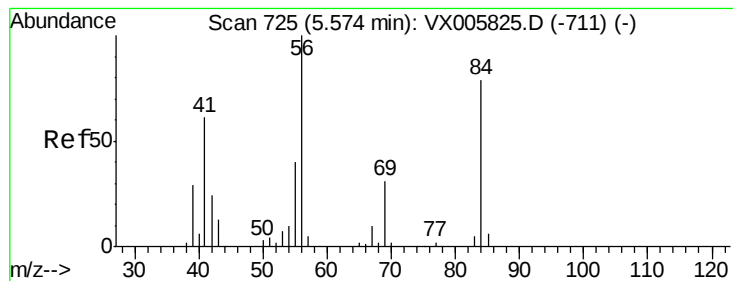
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#30
Chloroform
Concen: 49.70 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX006079.D
Acq: 19 Nov 2018 09:39

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	50.6	76.0





#31

Cyclohexane

Concen: 45.59 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX006079.D

Acq: 19 Nov 2018 09:39

Instrument :

MSVOA_X

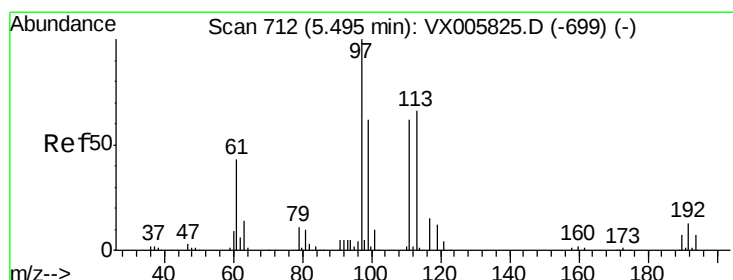
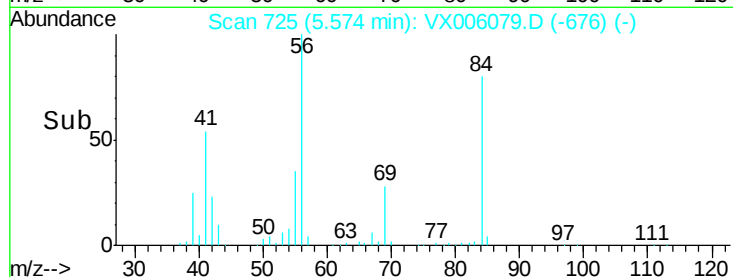
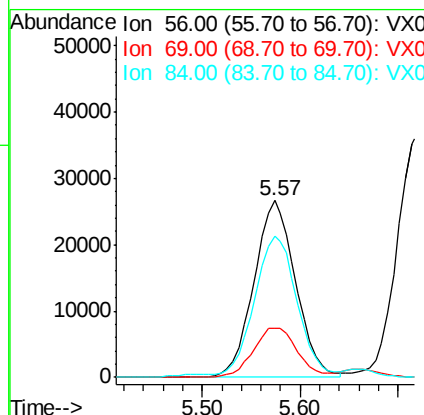
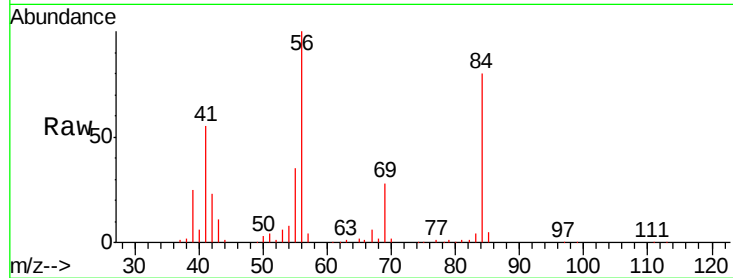
ClientSampleId :

VSTDCCC050

Tgt Ion:	56	Resp:	79169
Ion	Ratio	Lower	Upper
56	100		
69	28.1	22.6	34.0
84	78.2	62.7	94.1

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#32

1,1,1-Trichloroethane

Concen: 52.48 ug/l

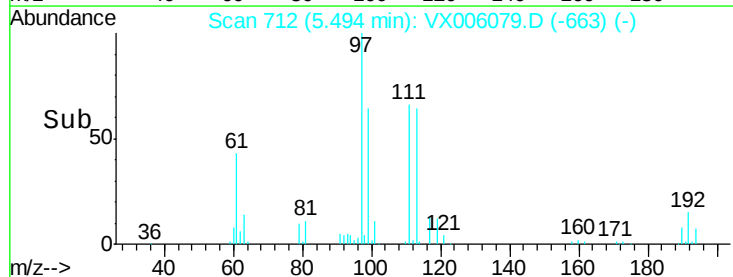
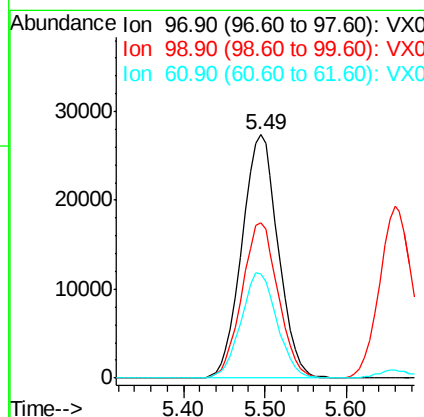
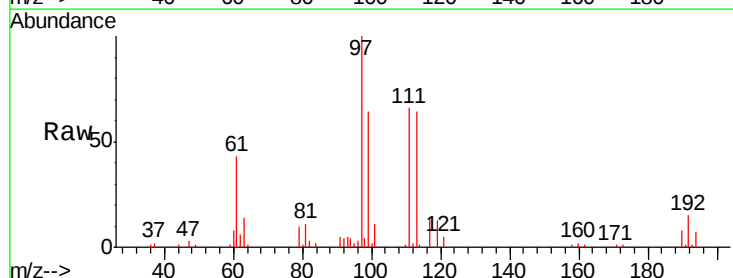
RT: 5.49 min Scan# 712

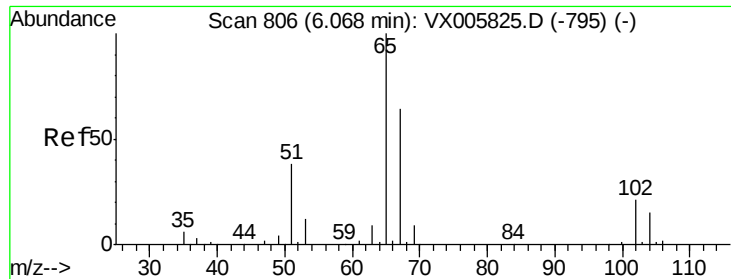
Delta R.T. -0.00 min

Lab File: VX006079.D

Acq: 19 Nov 2018 09:39

Tgt Ion:	97	Resp:	84496
Ion	Ratio	Lower	Upper
97	100		
99	63.9	52.3	78.5
61	43.2	35.2	52.8





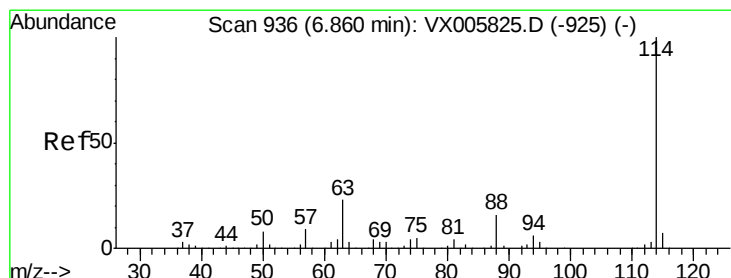
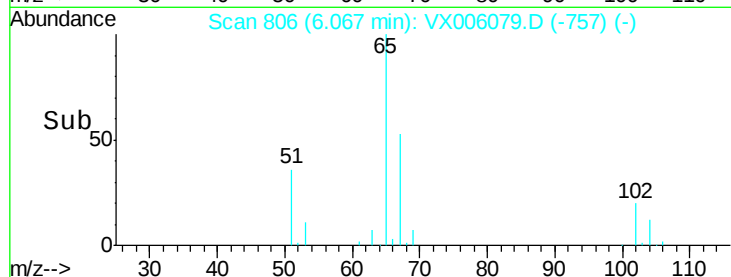
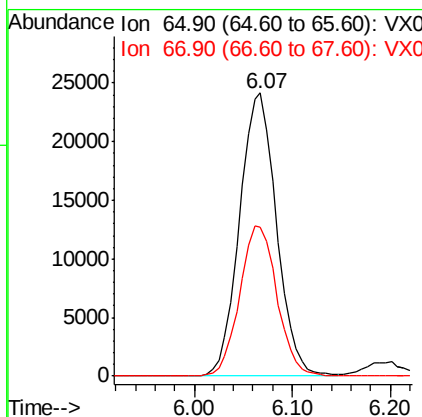
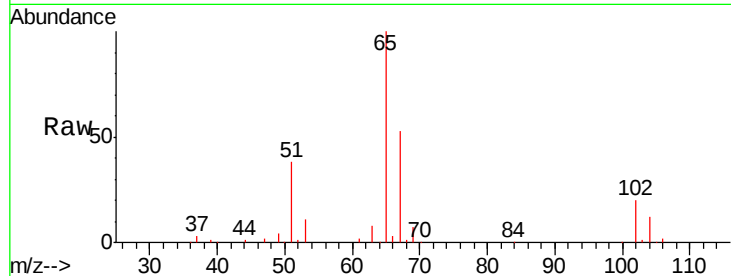
#33
 1,2-Dichloroethane-d4
 Concen: 50.80 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX006079.D
 Acq: 19 Nov 2018 09:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 65 Resp: 63324
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 105.0

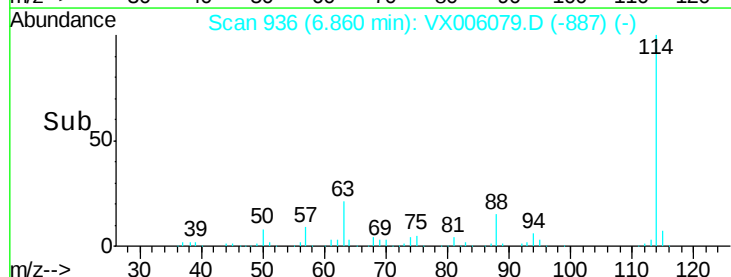
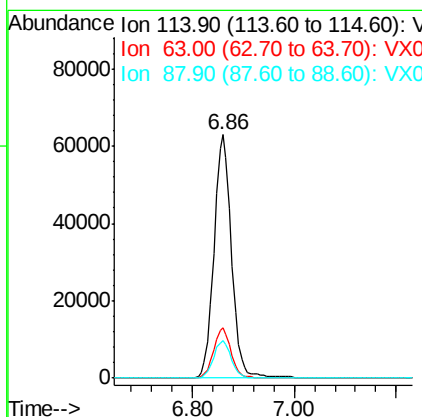
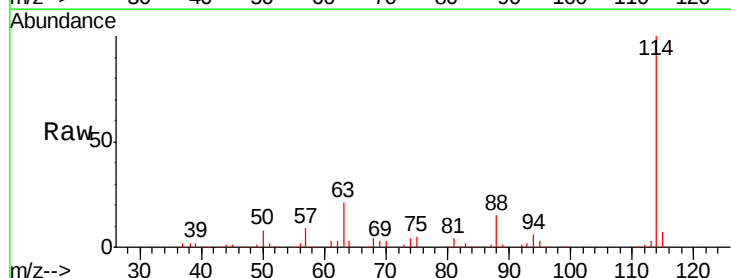
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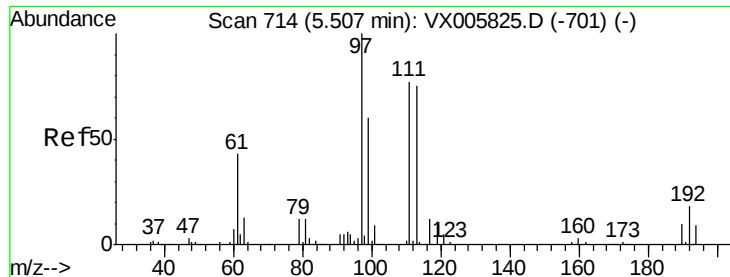
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006079.D
 Acq: 19 Nov 2018 09:39

Tgt Ion: 114 Resp: 150440
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 42.8
 88 15.3 0.0 31.2





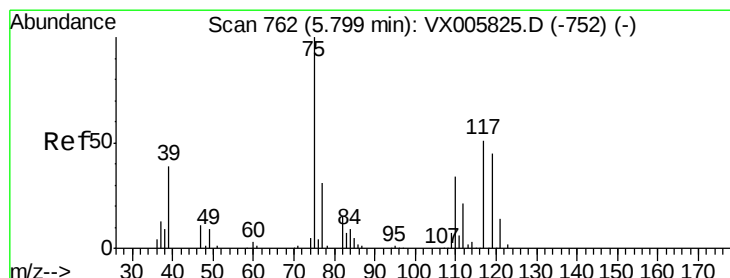
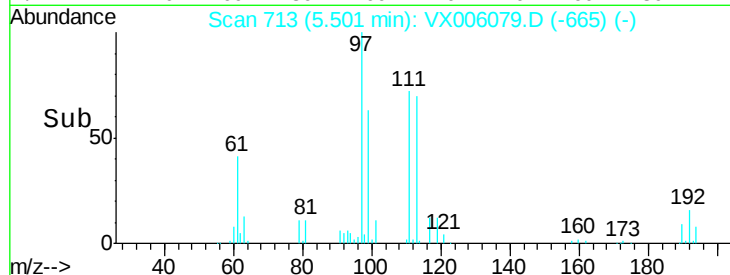
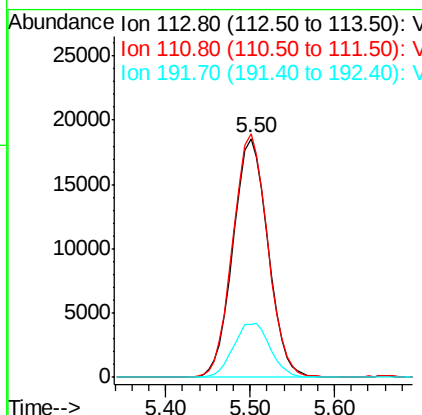
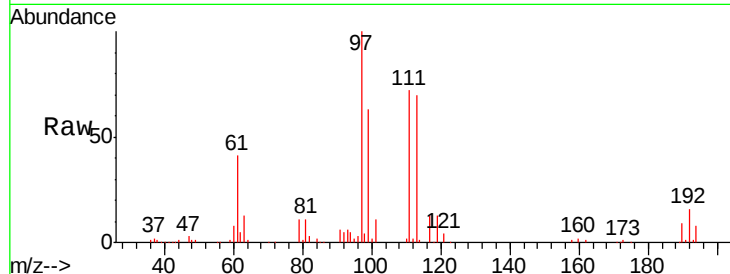
#35
Dibromofluoromethane
Concen: 50.88 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.01 min
Lab File: VX006079.D
Acq: 19 Nov 2018 09:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	52058		
111	101.8	82.3	123.5	
192	23.7	17.9	26.9	

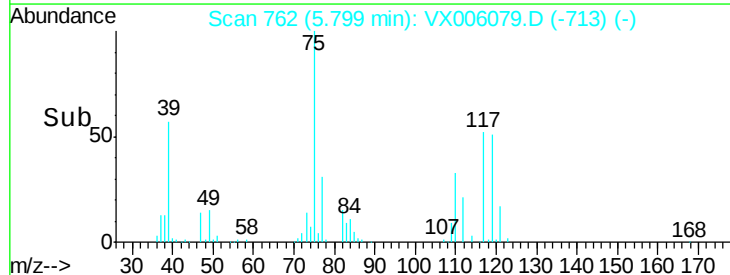
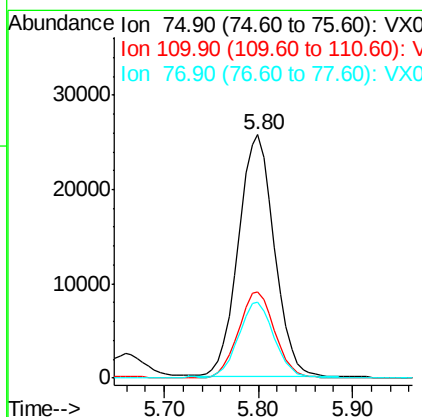
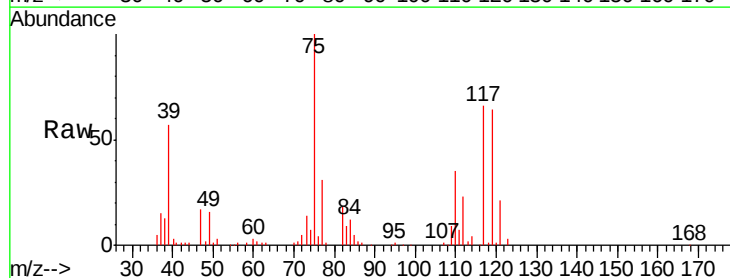
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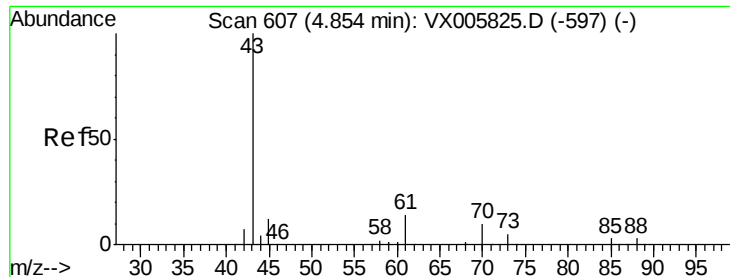
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#36
1,1-Dichloropropene
Concen: 47.34 ug/l
RT: 5.80 min Scan# 762
Delta R.T. -0.00 min
Lab File: VX006079.D
Acq: 19 Nov 2018 09:39

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	68663		
110	36.2	17.4	52.2	
77	30.8	25.8	38.6	





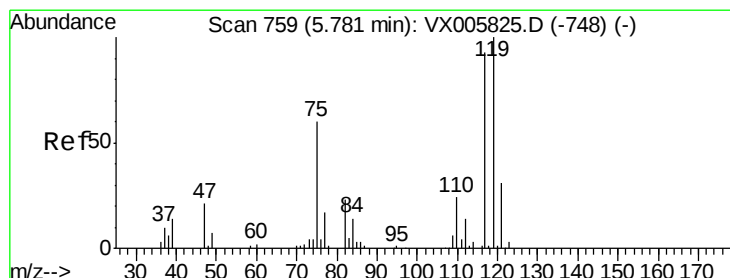
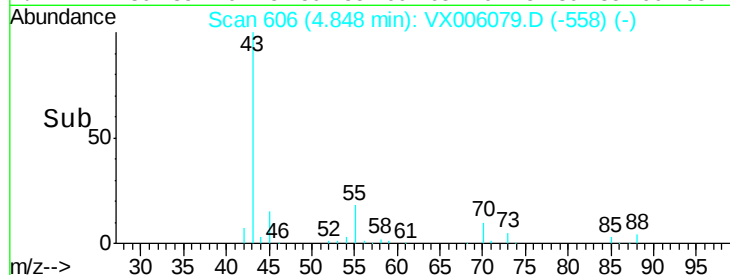
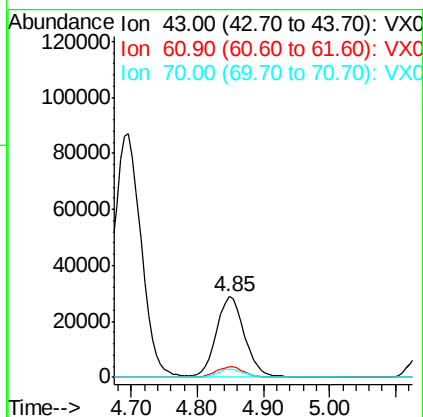
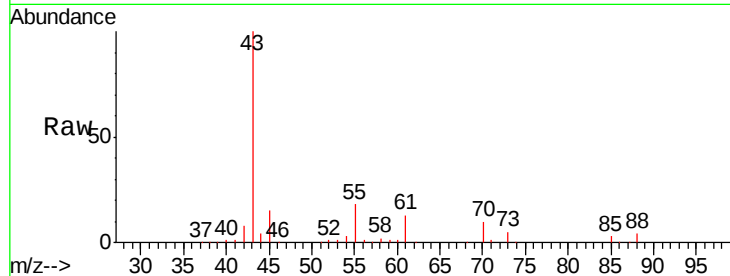
#37
Ethyl Acetate
Concen: 44.79 ug/l
RT: 4.85 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX006079.D
Acq: 19 Nov 2018 09:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.8	16.2
70	9.8	7.8	11.8

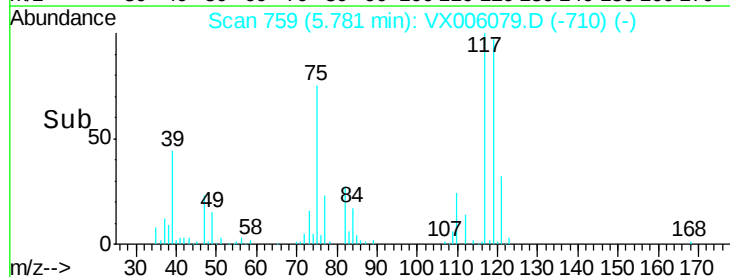
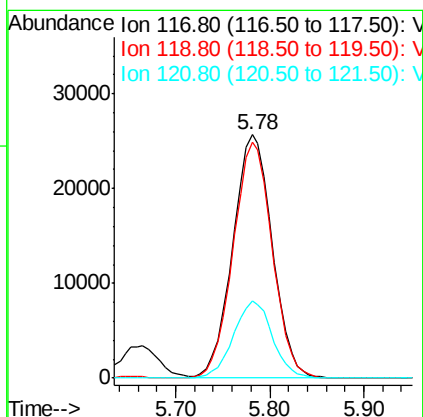
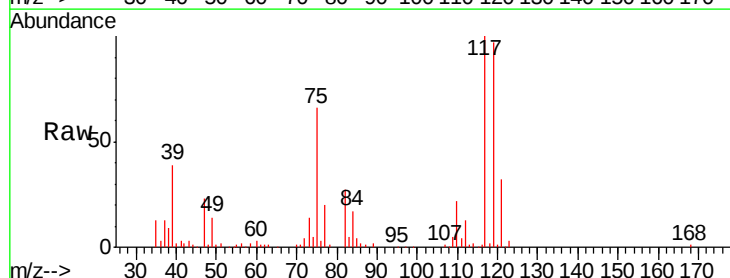
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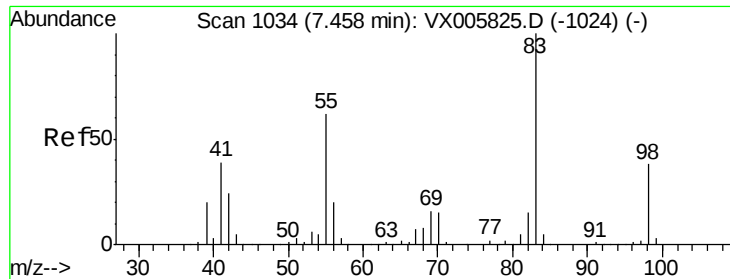
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#38
Carbon Tetrachloride
Concen: 51.79 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX006079.D
Acq: 19 Nov 2018 09:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	78.1	117.1
121	31.6	24.6	36.8





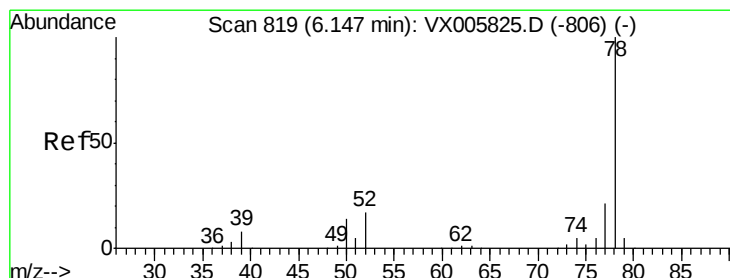
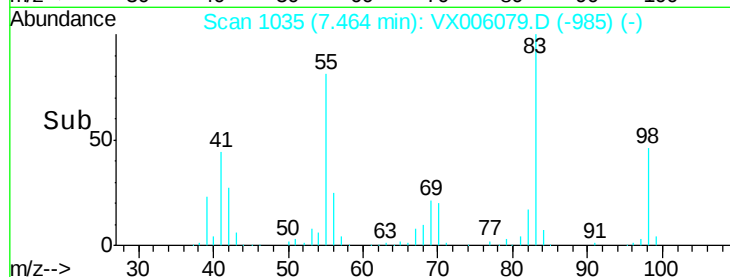
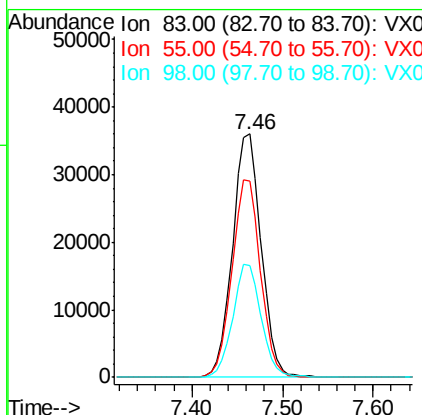
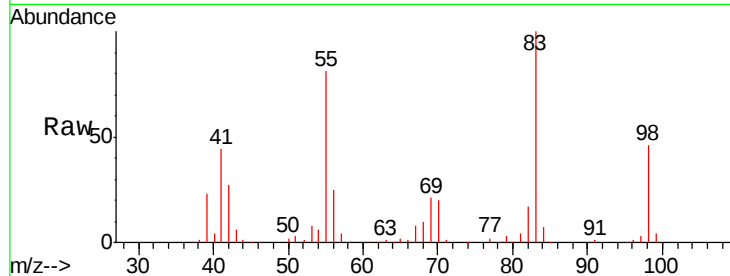
#39
Methylcyclohexane
Concen: 53.79 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX006079.D
Acq: 19 Nov 2018 09:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
55	80.7	63.7	95.5
98	46.1	36.2	54.2

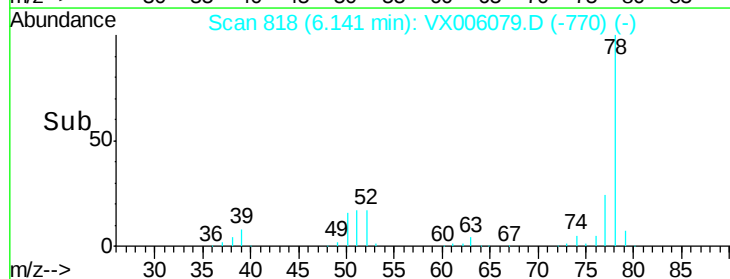
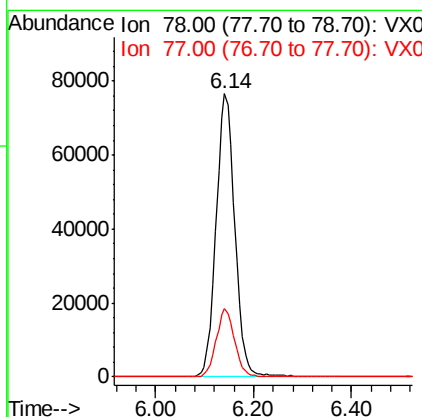
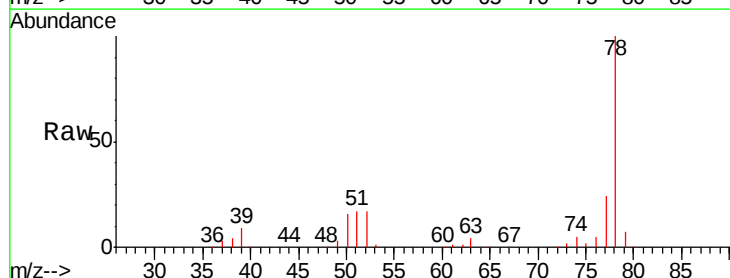
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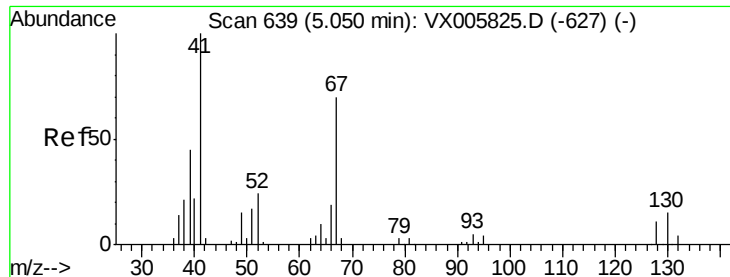
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#40
Benzene
Concen: 48.24 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX006079.D
Acq: 19 Nov 2018 09:39

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.4	27.6





#41

Methacrylonitrile

Concen: 49.65 ug/l

RT: 5.06 min Scan# 640

Delta R.T. 0.01 min

Lab File: VX006079.D

Acq: 19 Nov 2018 09:39

Instrument :

MSVOA_X

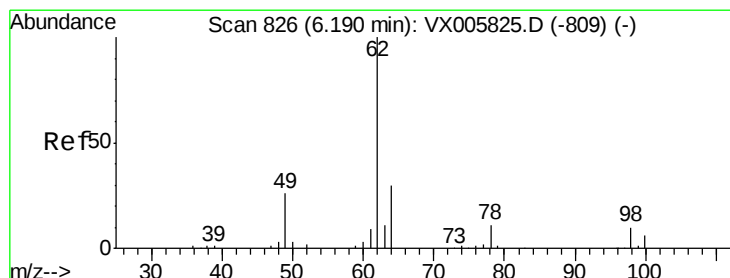
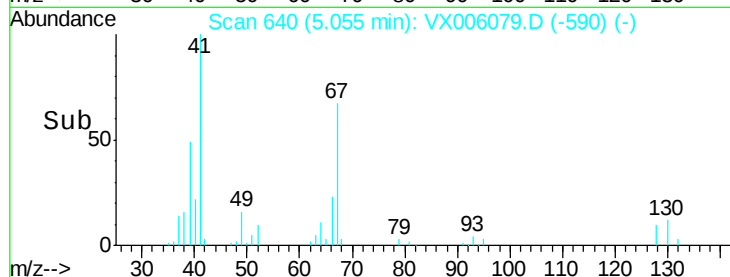
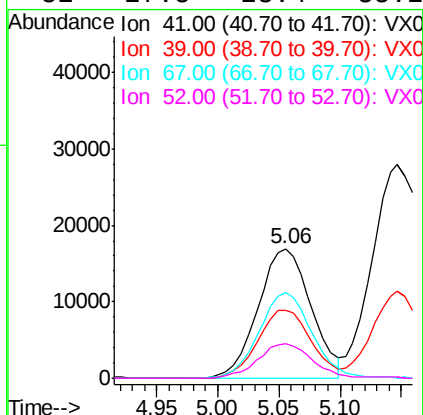
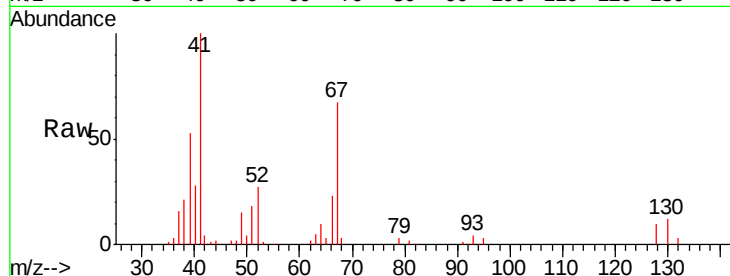
ClientSampleId :

VSTDCCC050

Tgt Ion:	41	Resp:	51162
Ion	Ratio	Lower	Upper
41	100		
39	52.9	42.2	63.2
67	65.9	53.4	80.0
52	27.5	23.4	35.2

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 50.46 ug/l

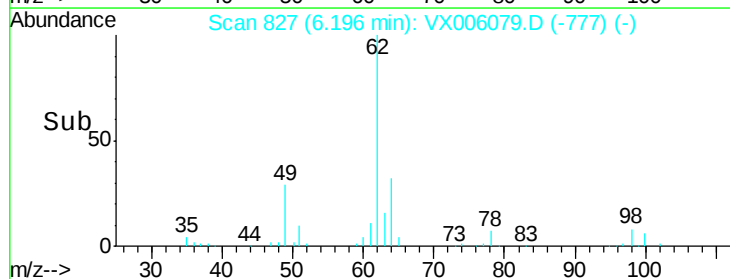
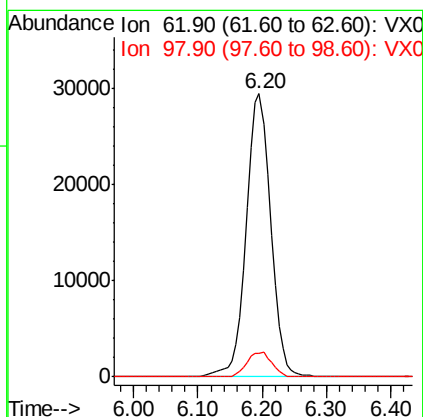
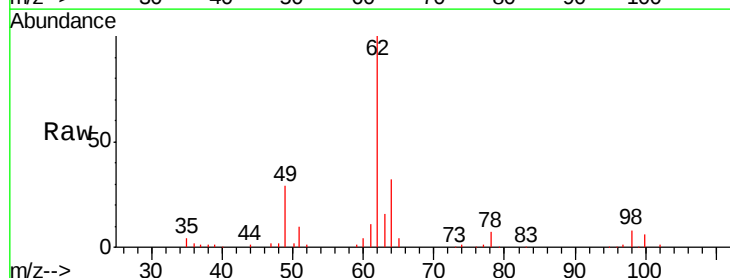
RT: 6.20 min Scan# 827

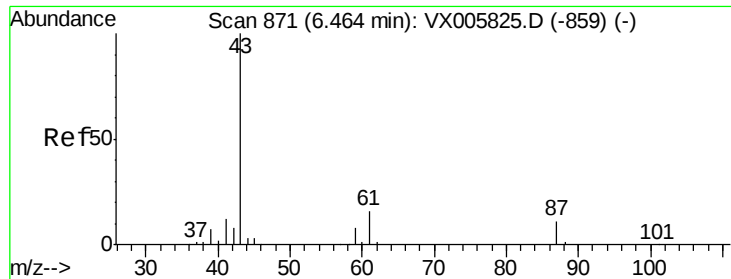
Delta R.T. 0.01 min

Lab File: VX006079.D

Acq: 19 Nov 2018 09:39

Tgt Ion:	62	Resp:	76408
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.8





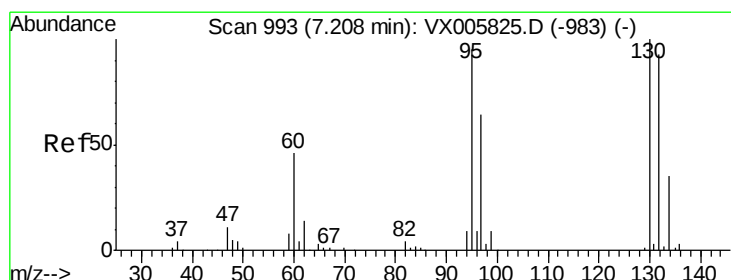
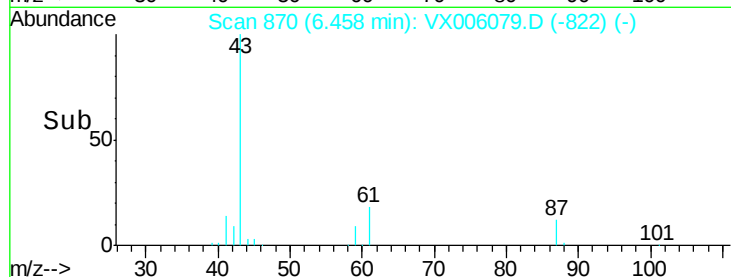
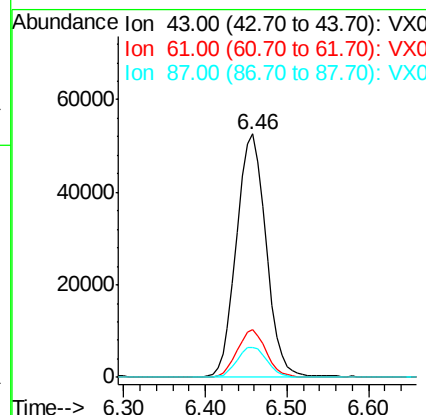
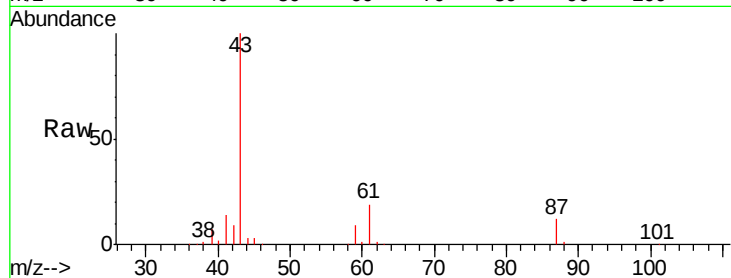
#43
Isopropyl Acetate
Concen: 48.04 ug/l
RT: 6.46 min Scan# 870
Delta R.T. -0.01 min
Lab File: VX006079.D
Acq: 19 Nov 2018 09:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.1	14.6	22.0
87	12.5	9.6	14.4

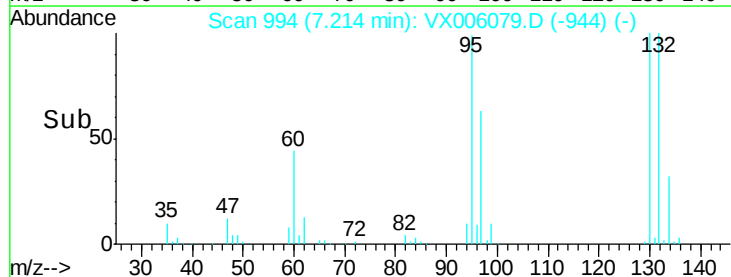
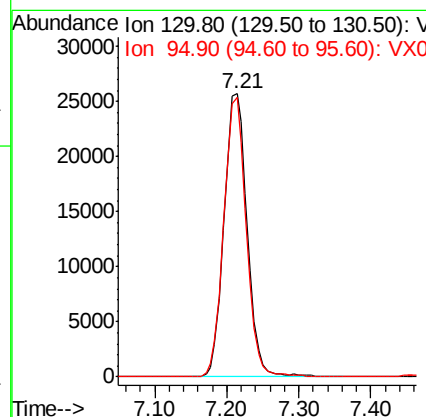
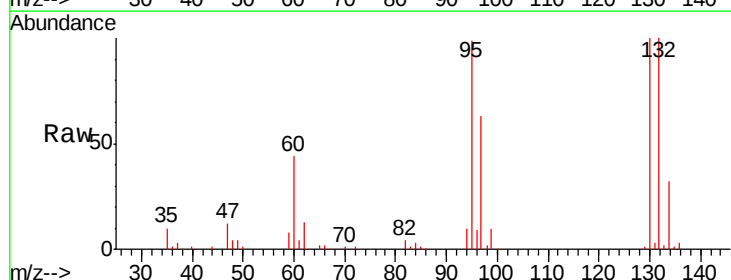
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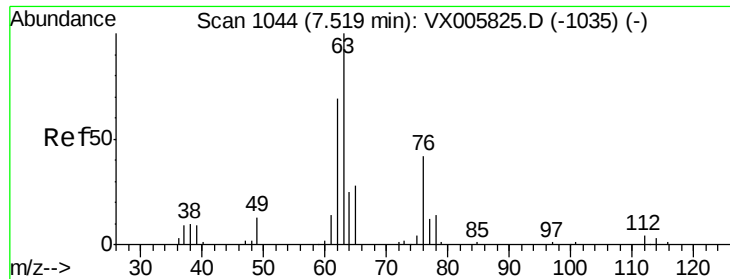
MMDadoda
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#44
Trichloroethene
Concen: 53.57 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.01 min
Lab File: VX006079.D
Acq: 19 Nov 2018 09:39

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.8	0.0	194.2





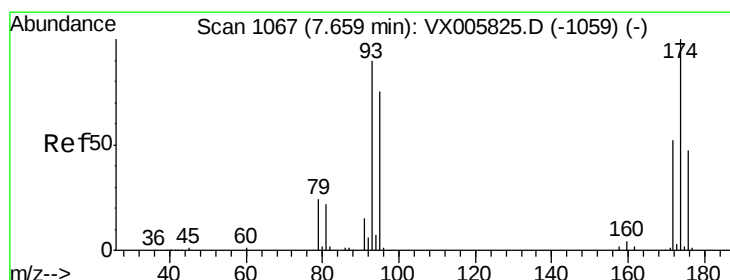
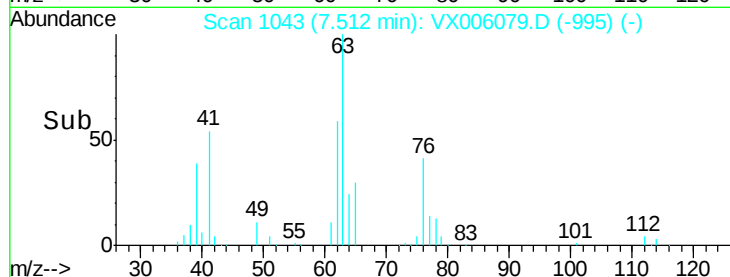
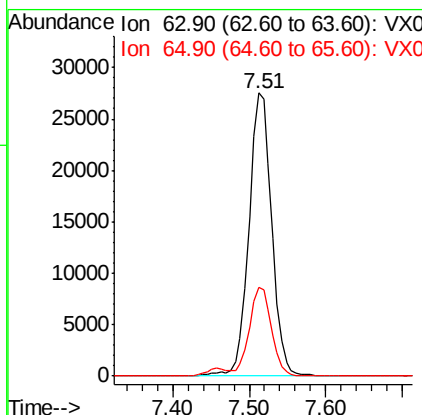
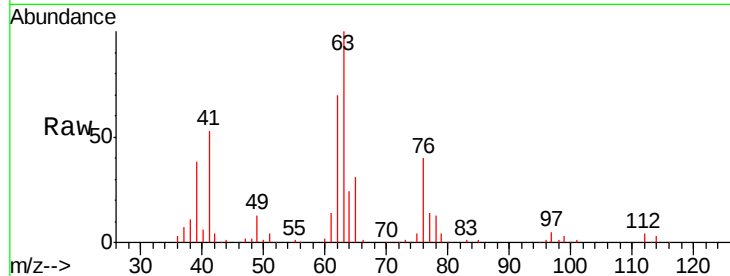
#45
 1,2-Dichloropropane
 Concen: 55.81 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX006079.D
 Acq: 19 Nov 2018 09:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 63 Resp: 57269
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.8 37.2

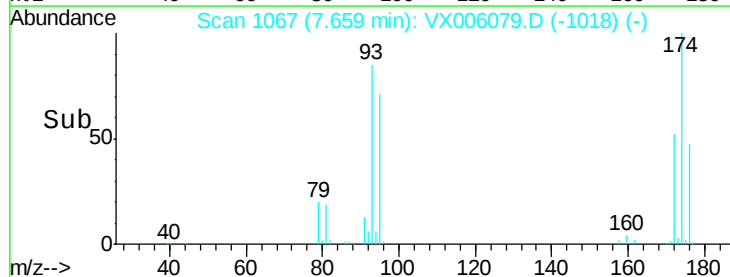
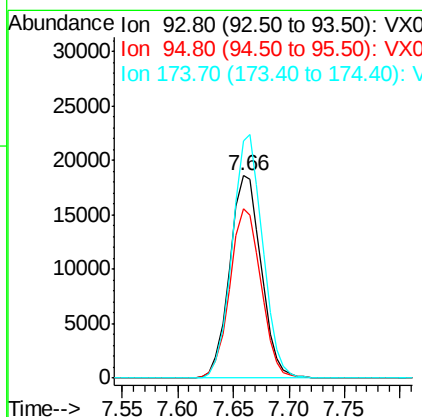
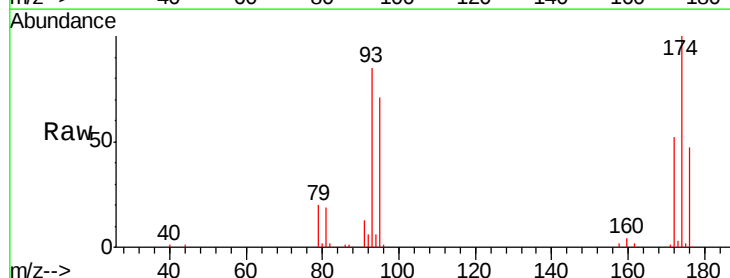
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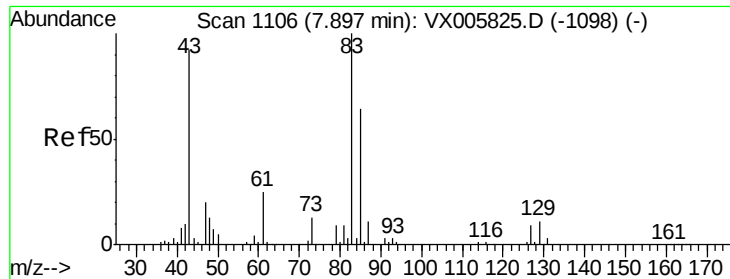
MMDadoda
 11/20/2018 9:59:20 AM



#46
 Dibromomethane
 Concen: 56.59 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX006079.D
 Acq: 19 Nov 2018 09:39

Tgt Ion: 93 Resp: 36439
 Ion Ratio Lower Upper
 93 100
 95 83.1 67.4 101.0
 174 116.6 91.5 137.3





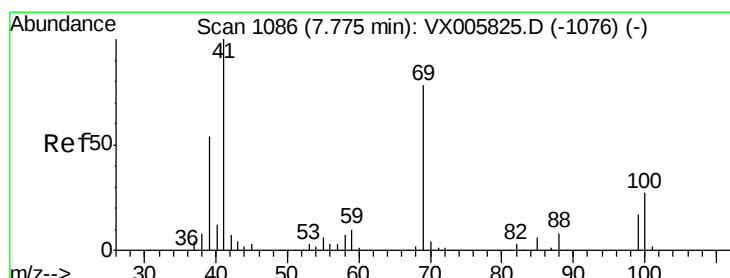
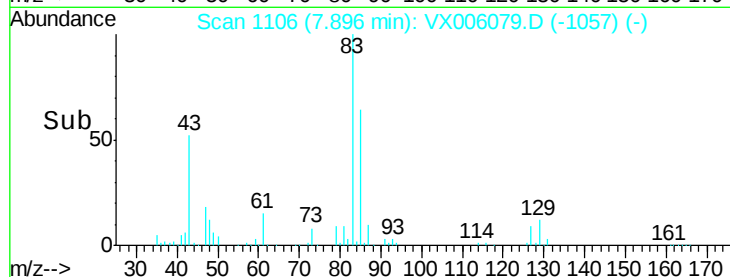
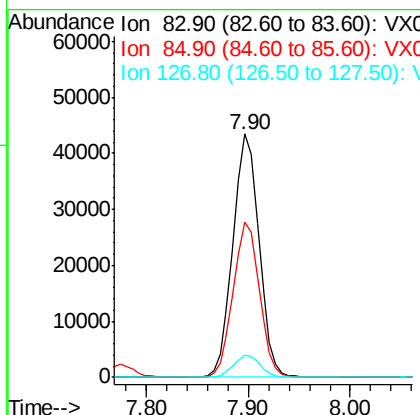
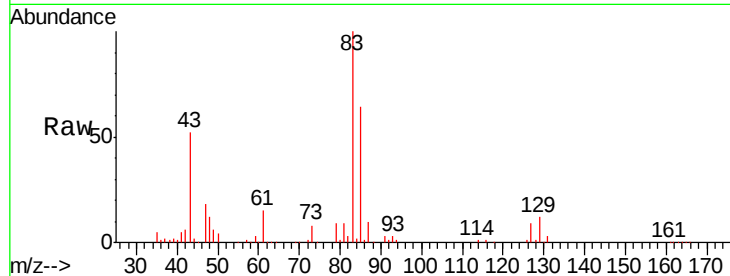
#47
 Bromodichloromethane
 Concen: 63.31 ug/l
 RT: 7.90 min Scan# 1106
 Delta R.T. -0.00 min
 Lab File: VX006079.D
 Acq: 19 Nov 2018 09:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	50.2	75.4
127	9.1	6.9	10.3

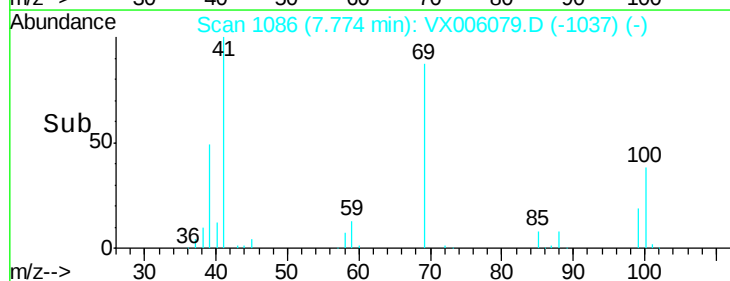
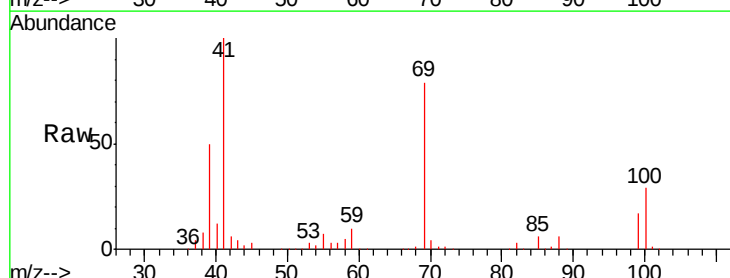
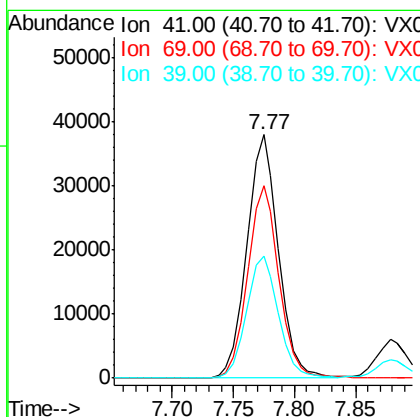
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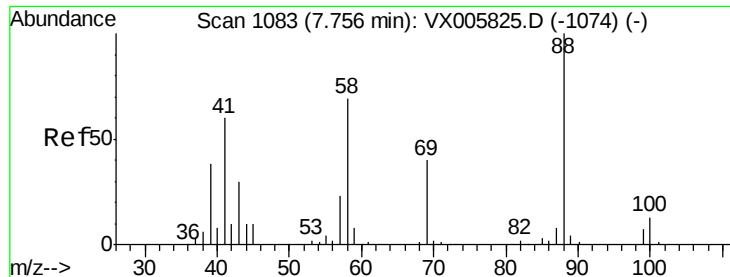
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#48
 Methyl methacrylate
 Concen: 54.84 ug/l
 RT: 7.77 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX006079.D
 Acq: 19 Nov 2018 09:39

Tgt Ion	Ratio	Lower	Upper
41	100		
69	79.1	63.2	94.8
39	51.0	42.2	63.2





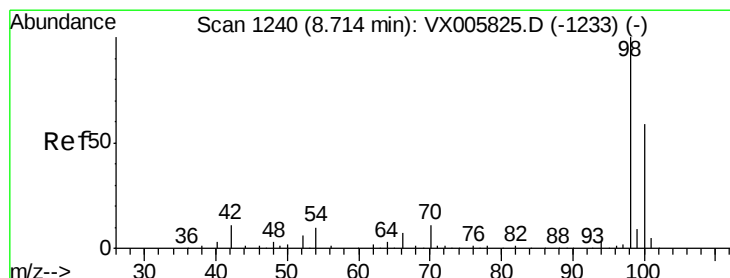
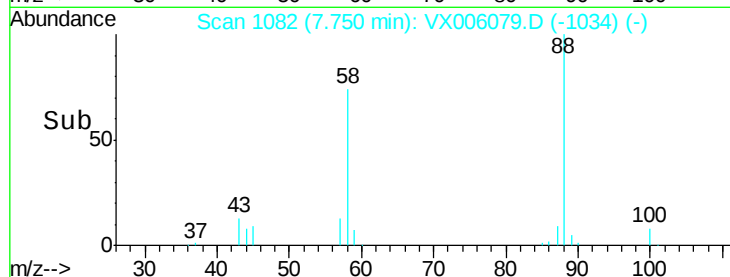
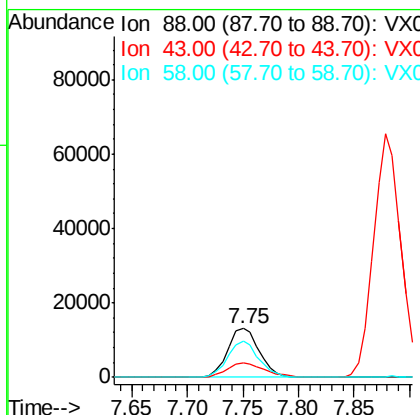
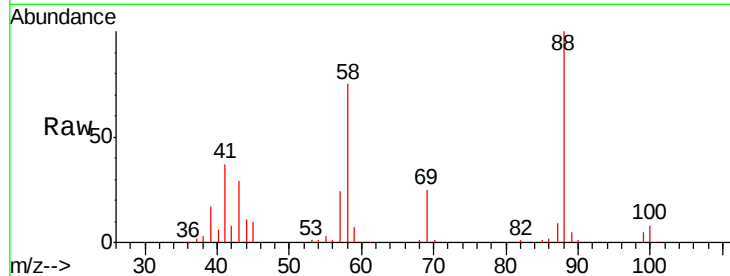
#49
1,4-Dioxane
Concen: 968.45 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX006079.D
Acq: 19 Nov 2018 09:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
88	100		
43	34.8	27.4	41.0
58	73.3	59.4	89.2

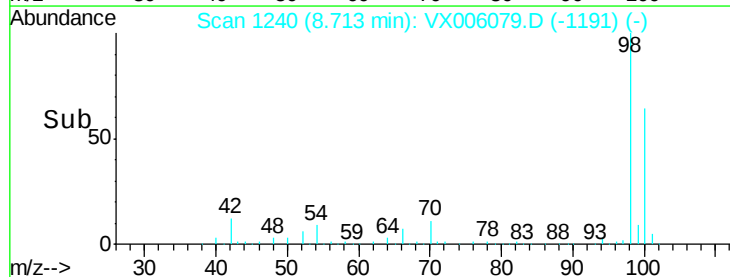
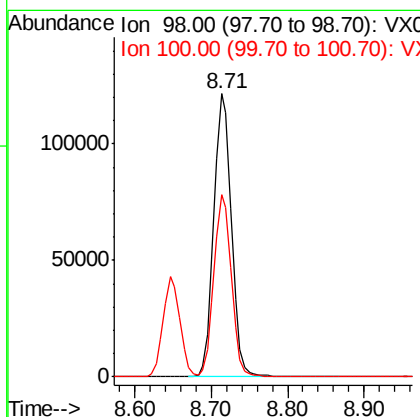
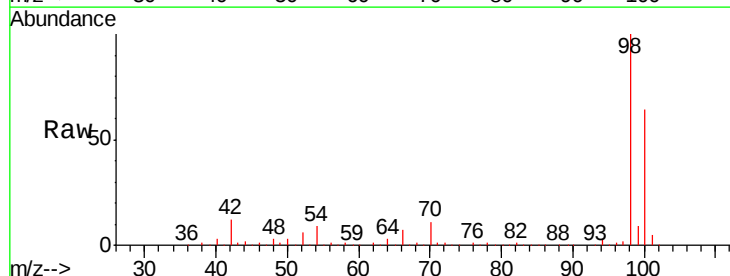
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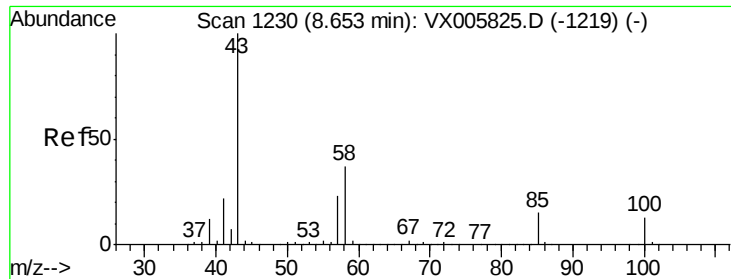
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#50
Toluene-d8
Concen: 57.09 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006079.D
Acq: 19 Nov 2018 09:39

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.3	76.9





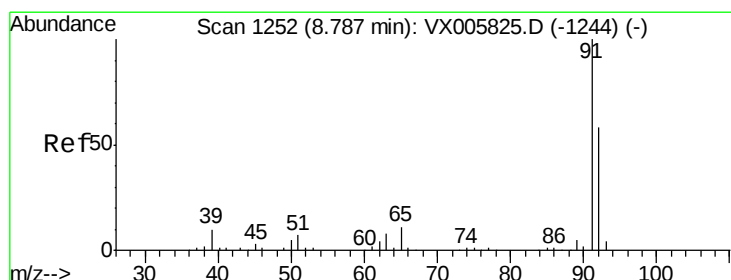
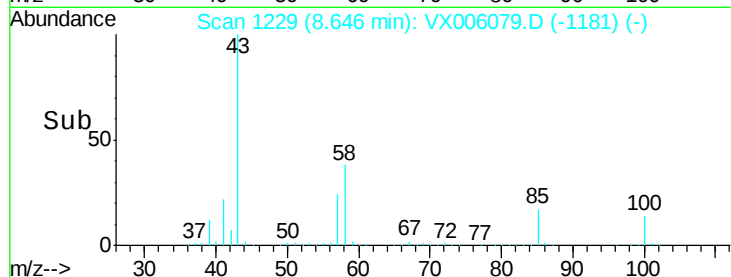
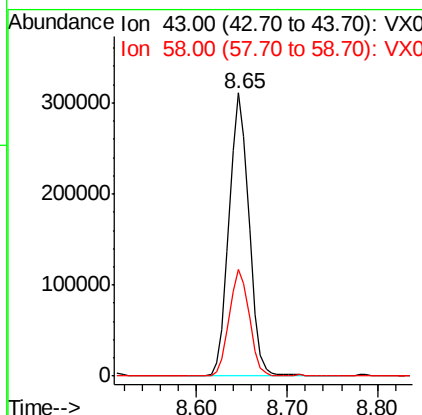
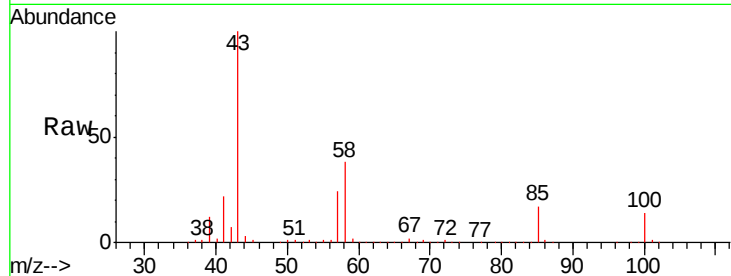
#51
4-Methyl-2-Pentanone
Concen: 273.52 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.01 min
Lab File: VX006079.D
Acq: 19 Nov 2018 09:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 476381
Ion Ratio Lower Upper
43 100
58 37.7 29.7 44.5

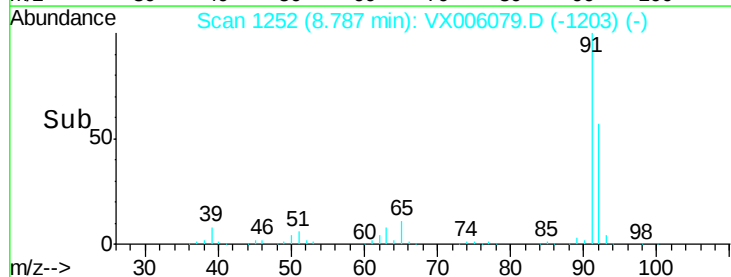
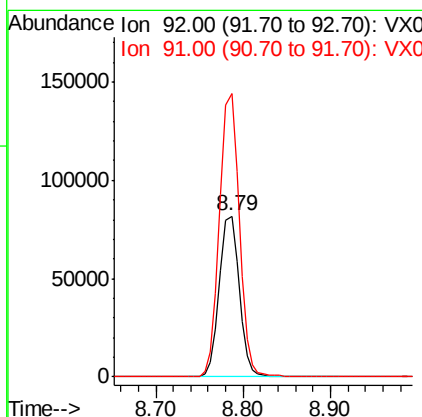
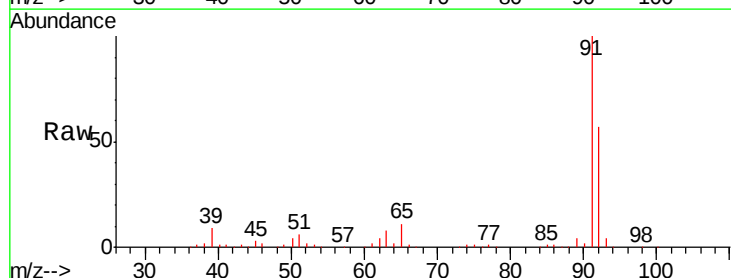
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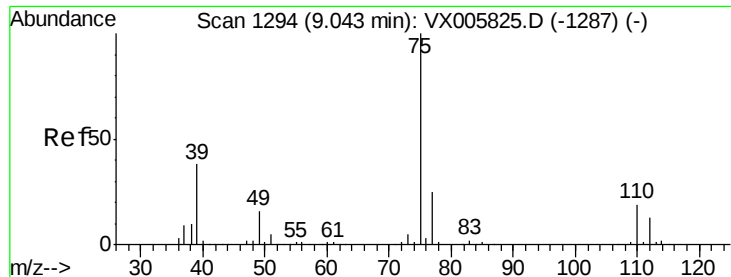
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#52
Toluene
Concen: 54.84 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX006079.D
Acq: 19 Nov 2018 09:39

Tgt Ion: 92 Resp: 129576
Ion Ratio Lower Upper
92 100
91 175.7 140.4 210.6





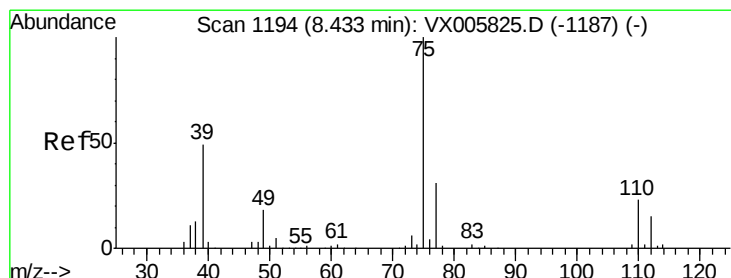
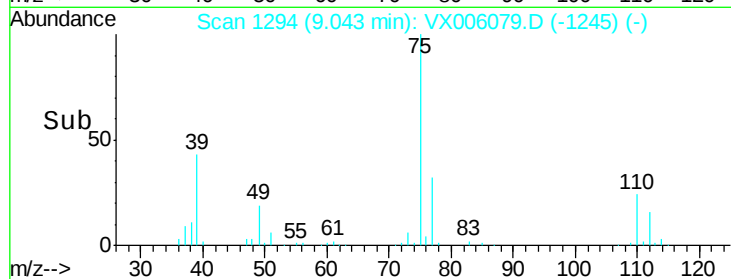
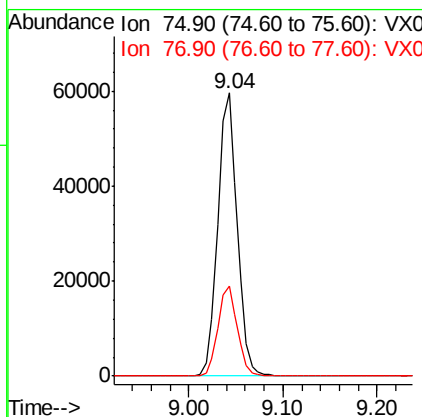
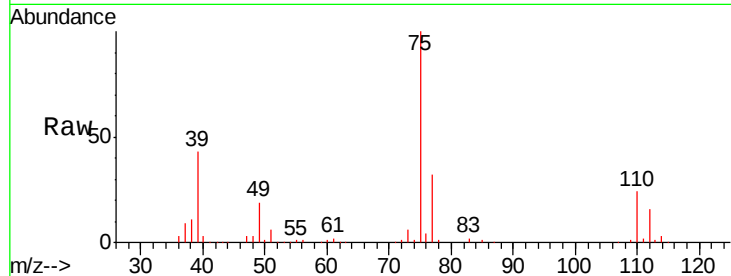
#53
t-1,3-Dichloropropene
Concen: 59.38 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX006079.D
Acq: 19 Nov 2018 09:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 85283
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.2

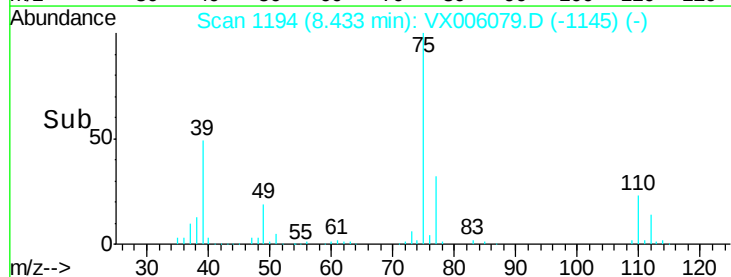
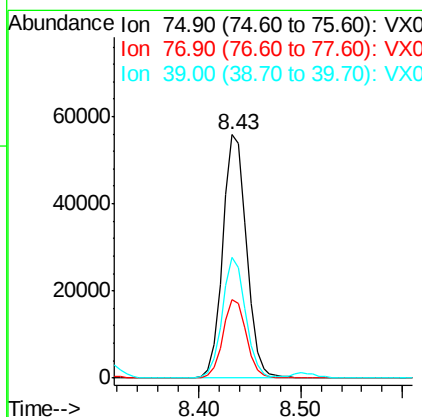
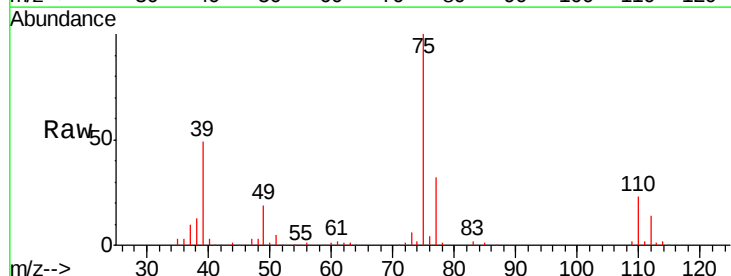
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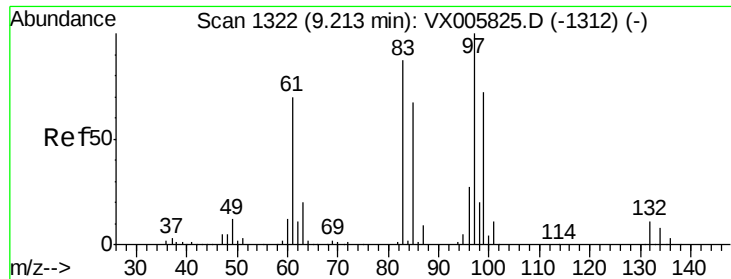
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#54
cis-1,3-Dichloropropene
Concen: 61.90 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX006079.D
Acq: 19 Nov 2018 09:39

Tgt Ion: 75 Resp: 90606
Ion Ratio Lower Upper
75 100
77 32.4 25.2 37.8
39 49.4 38.2 57.2





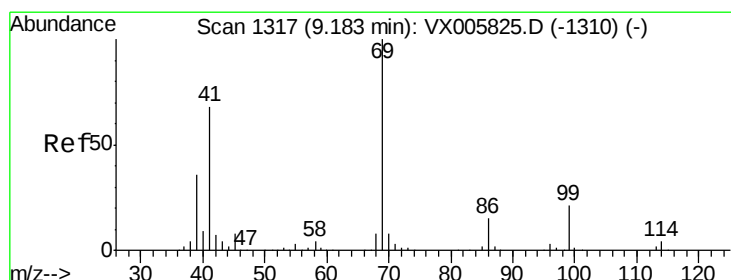
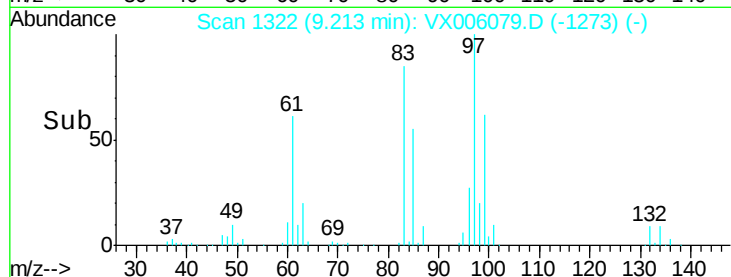
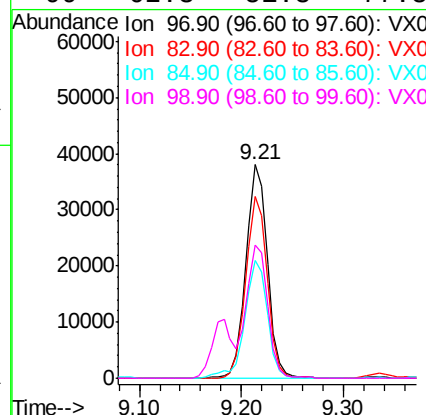
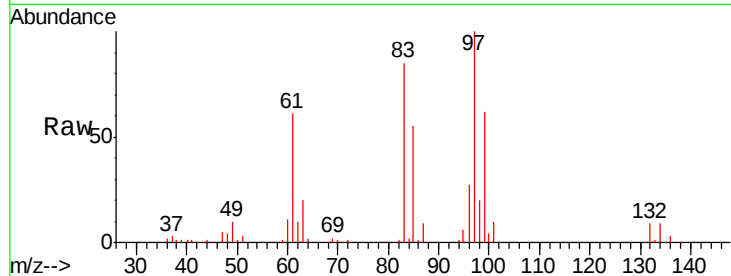
#55
 1,1,2-Trichloroethane
 Concen: 52.57 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX006079.D
 Acq: 19 Nov 2018 09:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	97	Resp:	55358
Ion	Ratio	Lower	Upper
97	100		
83	85.2	70.7	106.1
85	55.3	45.8	68.6
99	62.3	51.8	77.8

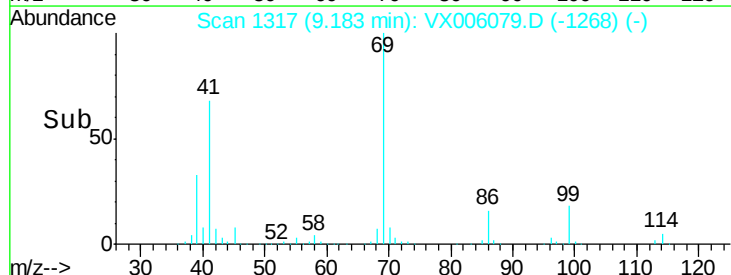
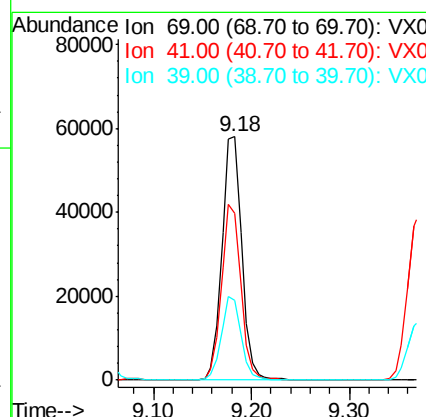
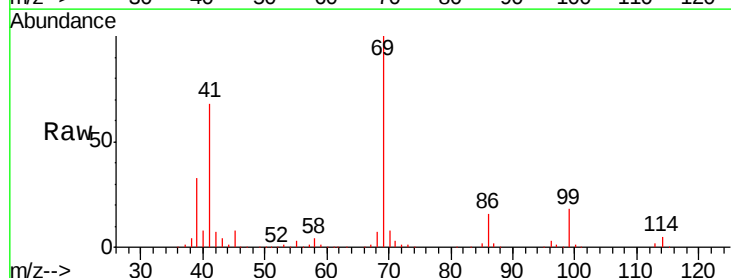
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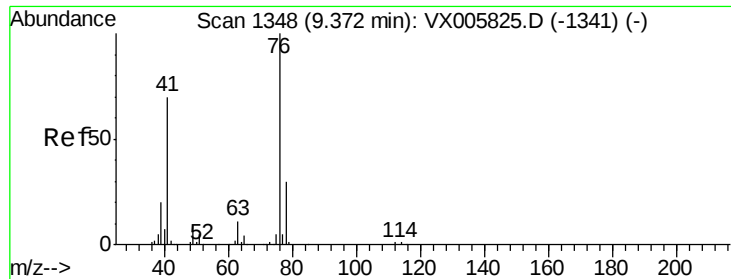
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#56
 Ethyl methacrylate
 Concen: 52.03 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX006079.D
 Acq: 19 Nov 2018 09:39

Tgt Ion:	69	Resp:	81988
Ion	Ratio	Lower	Upper
69	100		
41	70.7	57.0	85.6
39	34.5	28.3	42.5





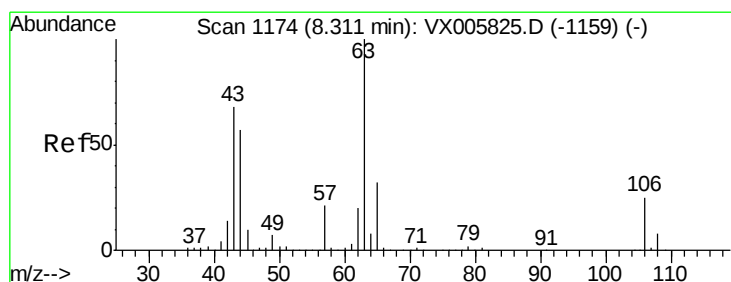
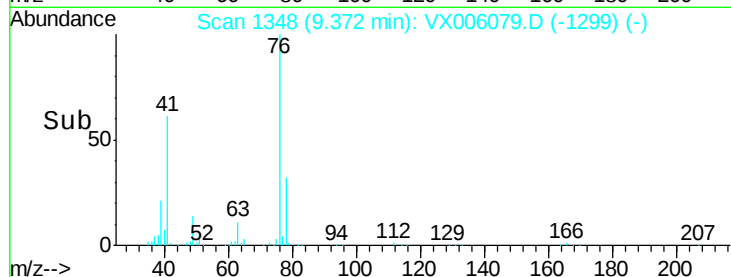
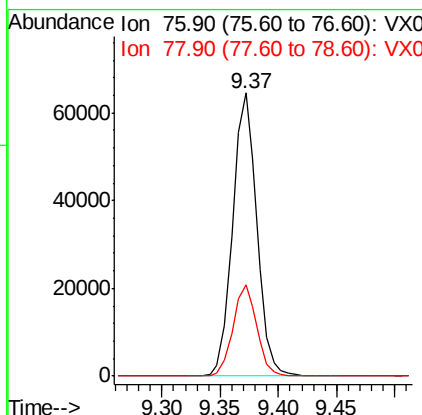
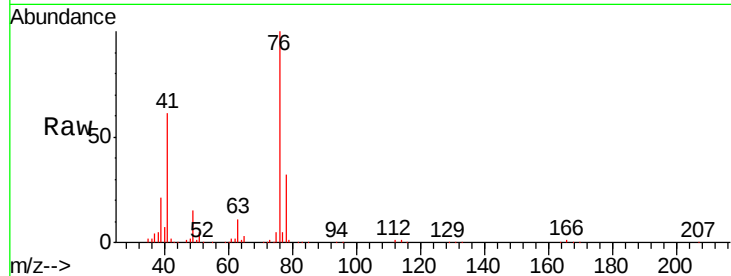
#57
 1,3-Dichloropropane
 Concen: 52.75 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX006079.D
 Acq: 19 Nov 2018 09:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 76 Resp: 93351
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.3 37.9

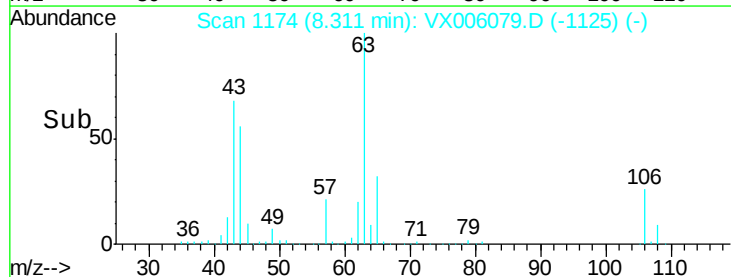
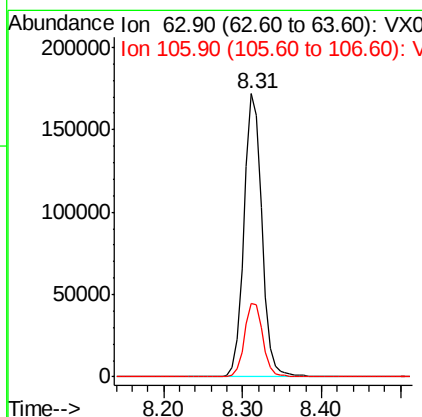
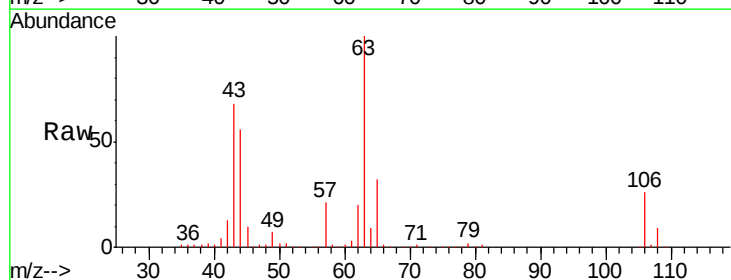
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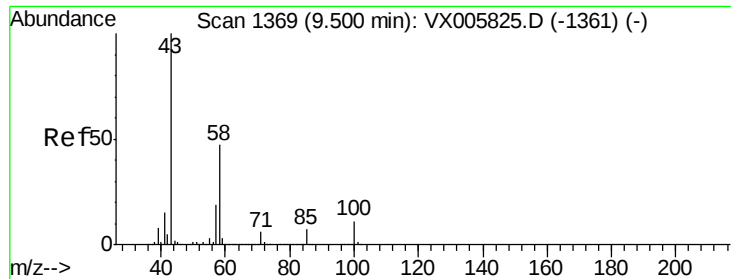
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#58
 2-Chloroethyl Vinyl ether
 Concen: 315.34 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX006079.D
 Acq: 19 Nov 2018 09:39

Tgt Ion: 63 Resp: 272674
 Ion Ratio Lower Upper
 63 100
 106 26.6 21.3 31.9





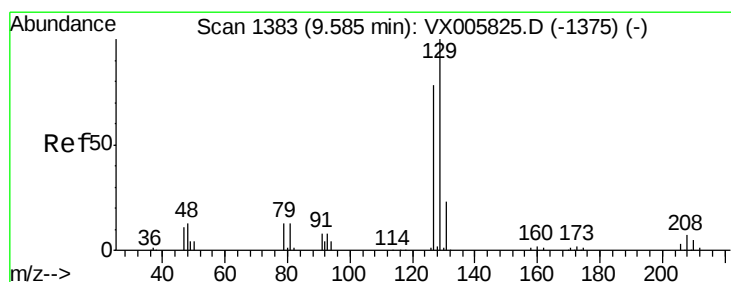
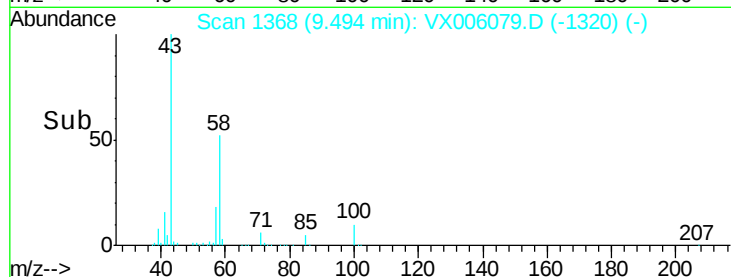
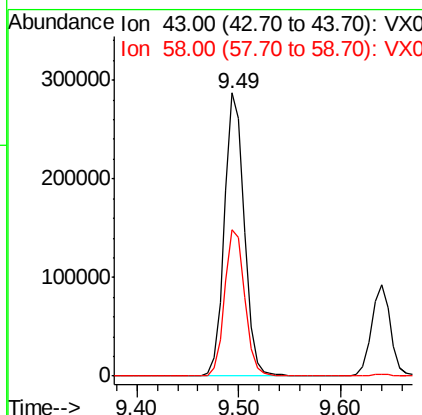
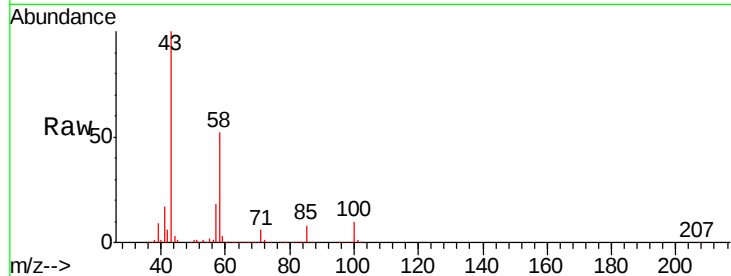
#59
2-Hexanone
Concen: 252.96 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX006079.D
Acq: 19 Nov 2018 09:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 388340
Ion Ratio Lower Upper
43 100
58 52.5 25.9 77.8

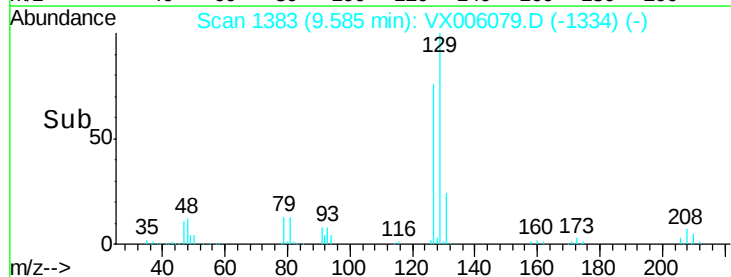
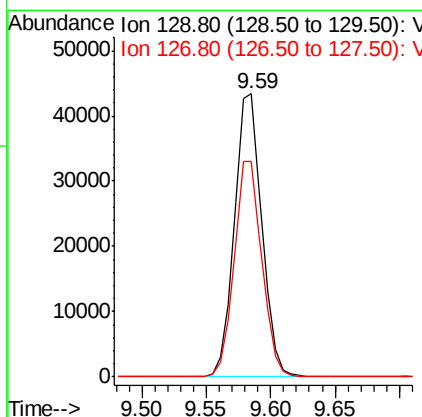
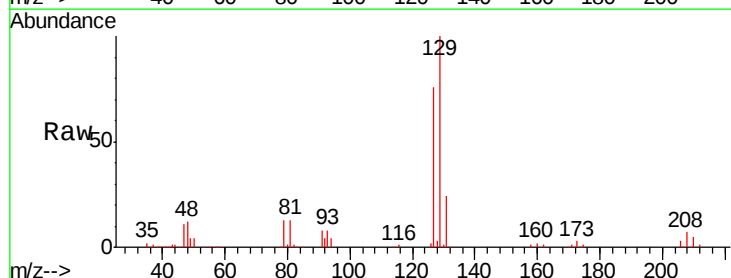
Manual Integrations
APPROVED

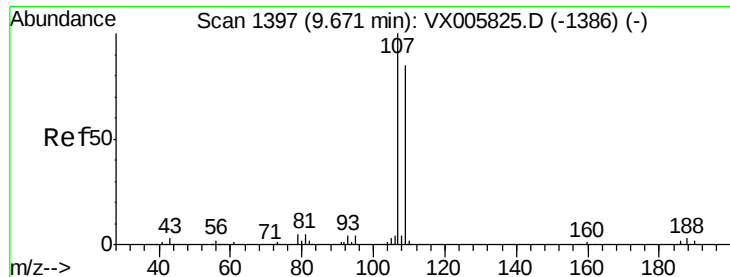
MMDadoda
11/20/2018 9:59:20 AM



#60
Dibromochloromethane
Concen: 56.46 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX006079.D
Acq: 19 Nov 2018 09:39

Tgt Ion: 129 Resp: 64257
Ion Ratio Lower Upper
129 100
127 76.6 38.9 116.7





#61

1,2-Dibromoethane

Concen: 49.30 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006079.D

Acq: 19 Nov 2018 09:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 107 Resp: 57407

Ion Ratio Lower Upper

107 100

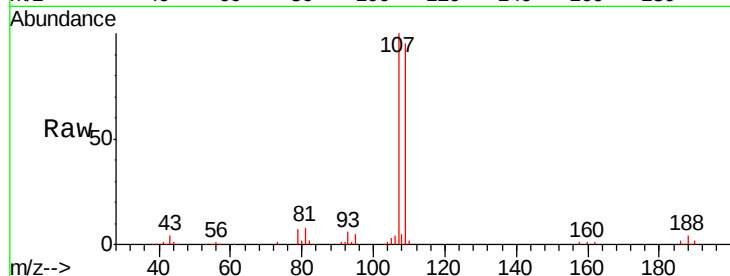
109 94.6 75.7 113.5

Manual Integrations

APPROVED

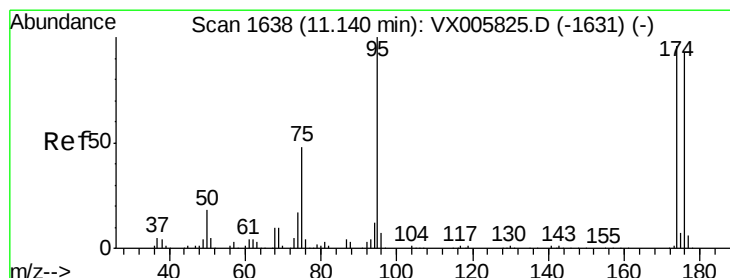
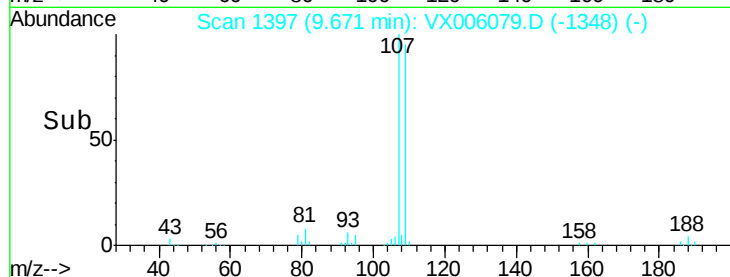
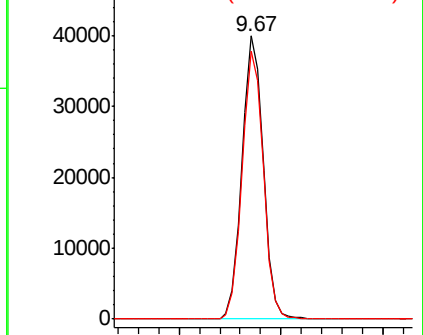
MMDadoda

11/20/2018 9:59:20 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 60.22 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX006079.D

Acq: 19 Nov 2018 09:39

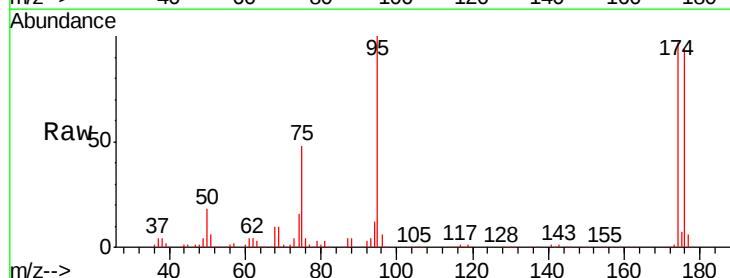
Tgt Ion: 95 Resp: 73654

Ion Ratio Lower Upper

95 100

174 92.8 0.0 184.4

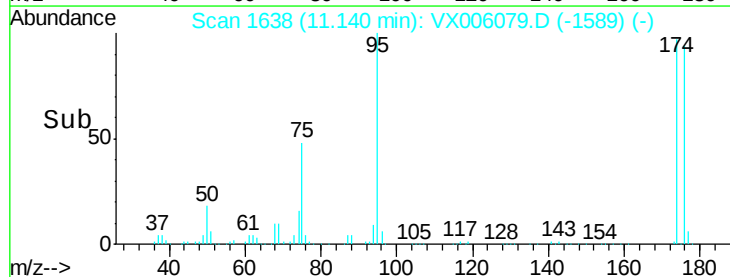
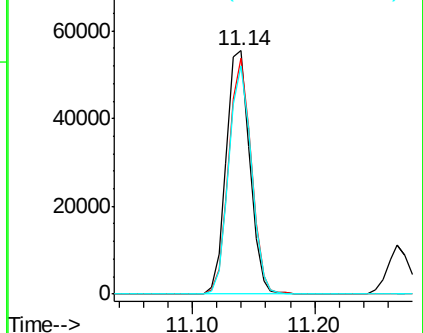
176 90.4 0.0 177.4

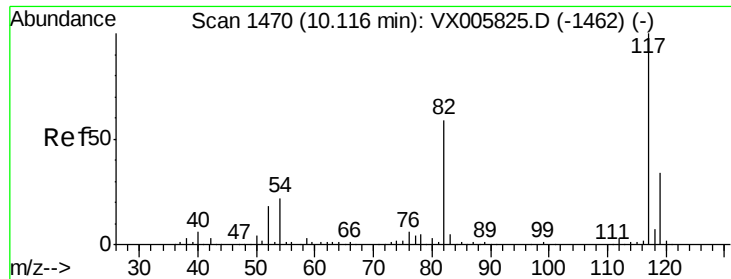


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





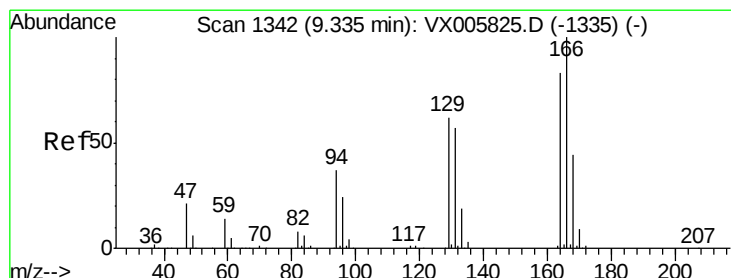
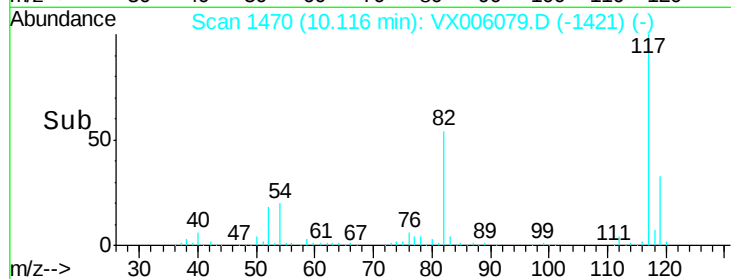
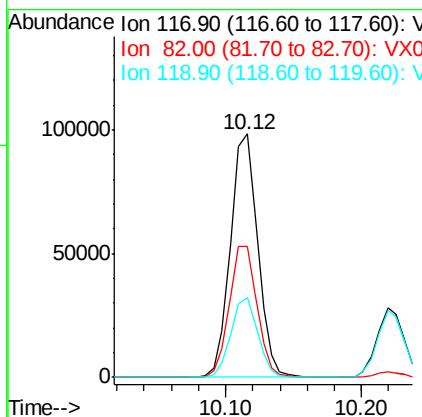
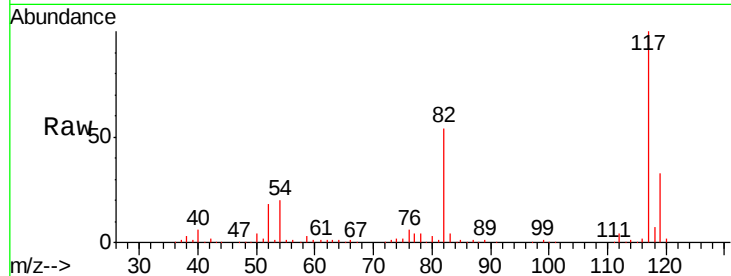
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006079.D
Acq: 19 Nov 2018 09:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	137968		
82	53.6	44.1	66.1	
119	32.6	26.2	39.2	

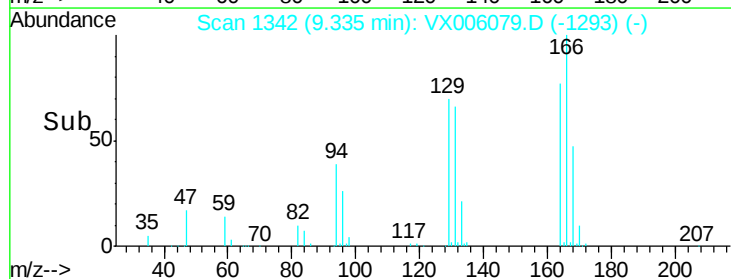
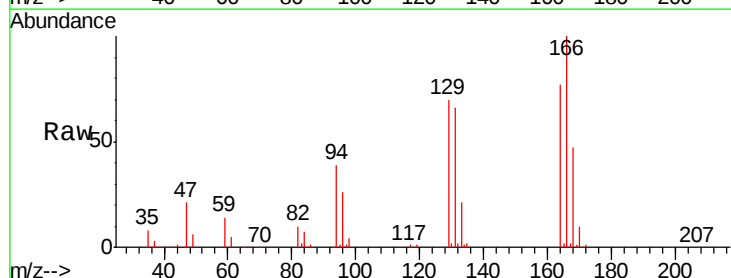
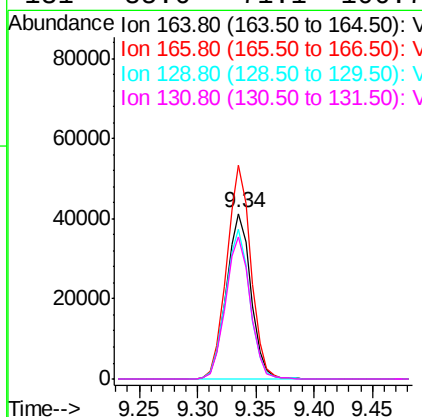
Manual Integrations
APPROVED

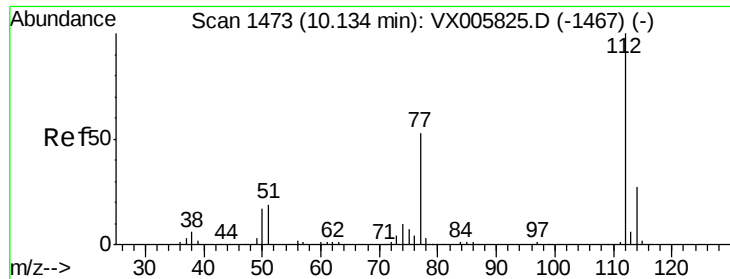
MMDadoda
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#64
Tetrachloroethene
Concen: 51.42 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006079.D
Acq: 19 Nov 2018 09:39

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	60398		
166	129.2	101.9	152.9	
129	90.3	72.6	109.0	
131	85.6	71.1	106.7	





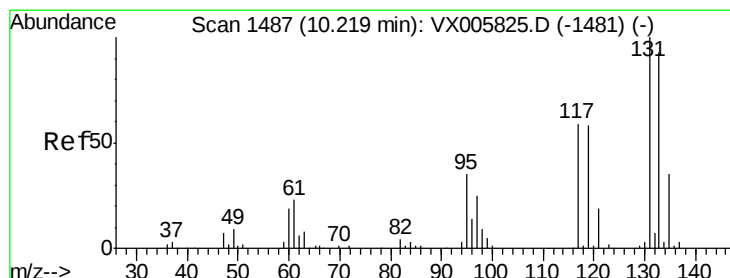
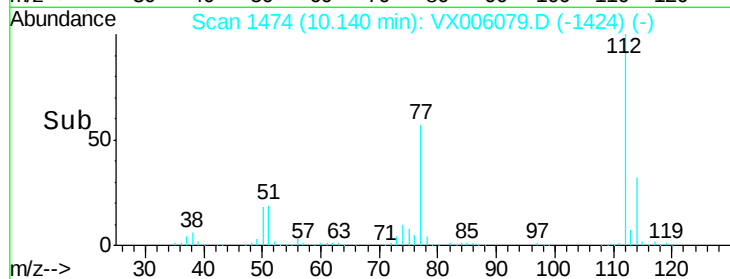
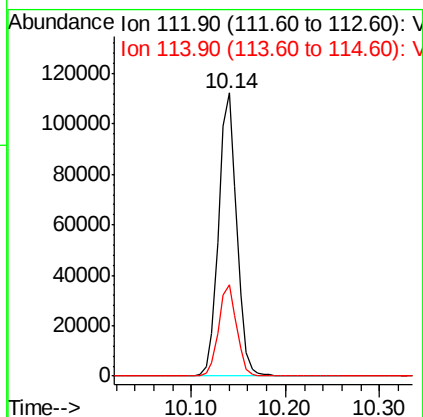
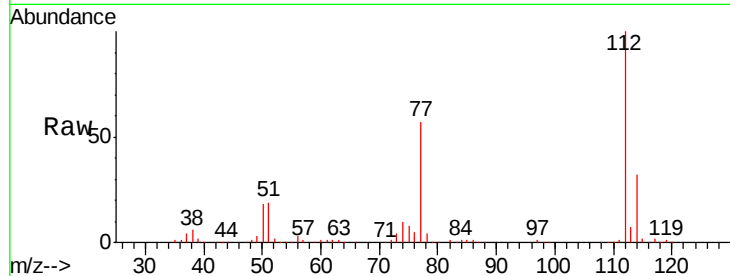
#65
Chlorobenzene
Concen: 54.25 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX006079.D
Acq: 19 Nov 2018 09:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 149951
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6

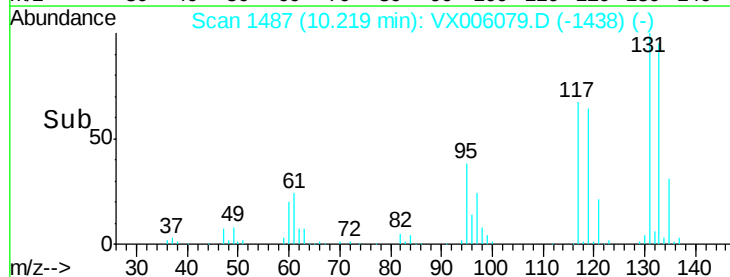
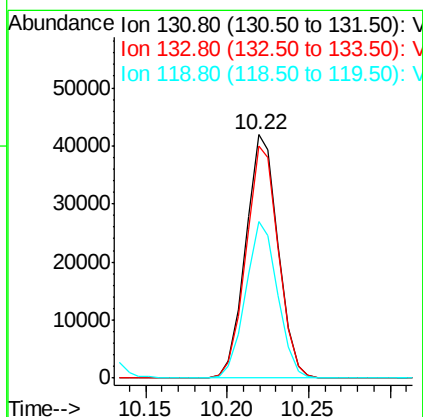
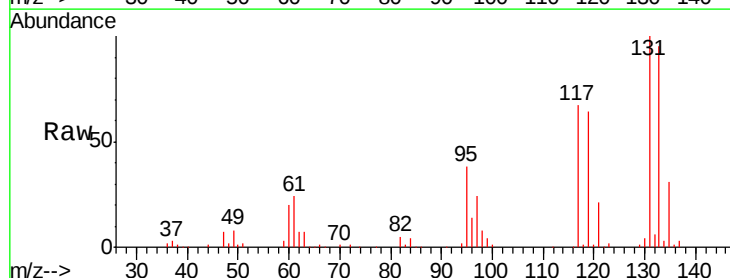
Manual Integrations
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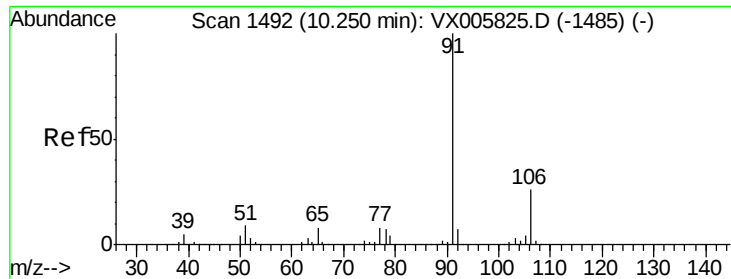
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 60.25 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX006079.D
Acq: 19 Nov 2018 09:39

Tgt Ion:131 Resp: 57891
Ion Ratio Lower Upper
131 100
133 95.3 47.5 142.5
119 63.5 31.8 95.3





#67

Ethyl Benzene

Concen: 58.63 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006079.D

Acq: 19 Nov 2018 09:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

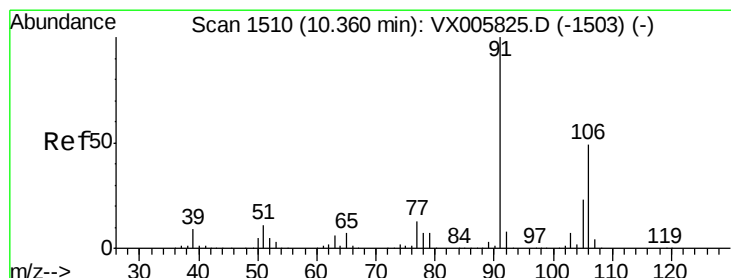
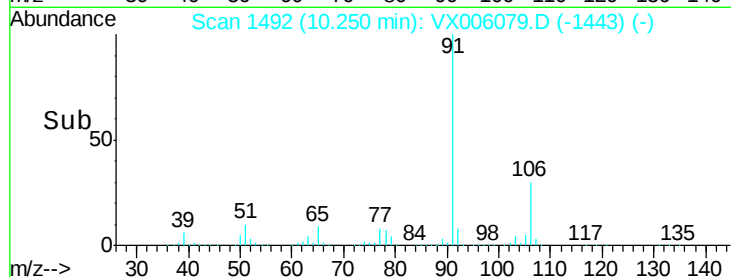
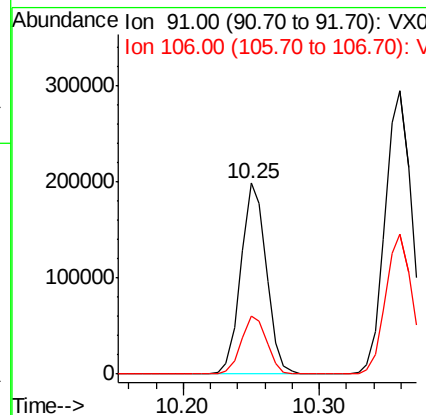
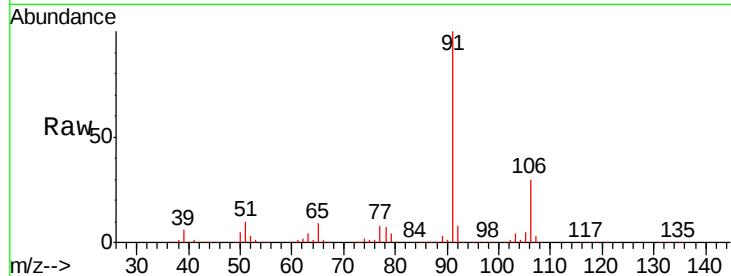
Tgt Ion: 91 Resp: 259831
Ion Ratio Lower Upper

91 100

106 30.2 24.4 36.6

Manual Integrations
APPROVED

MMDadoda
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#68

m/p-Xylenes

Concen: 117.66 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

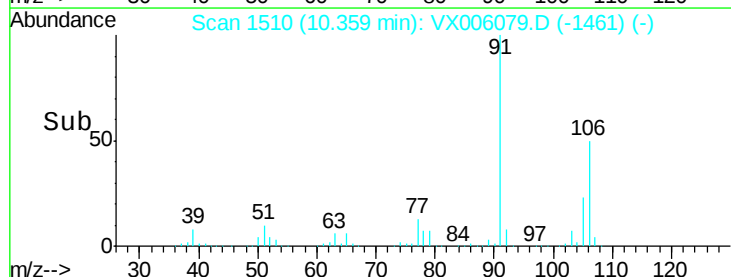
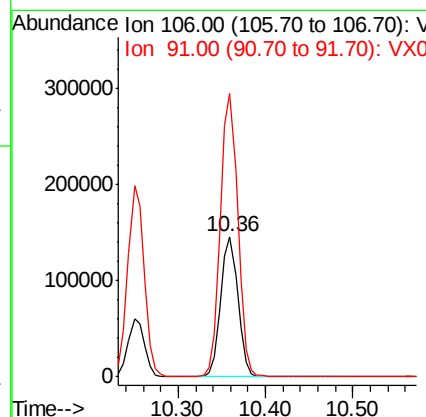
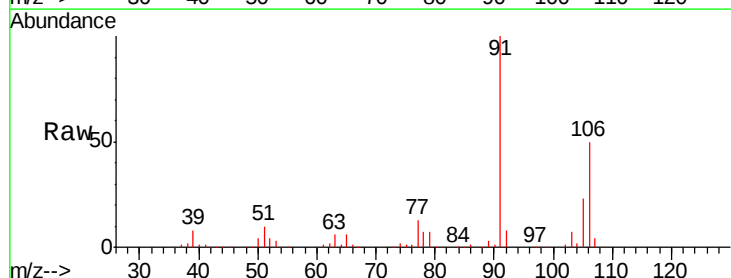
Lab File: VX006079.D

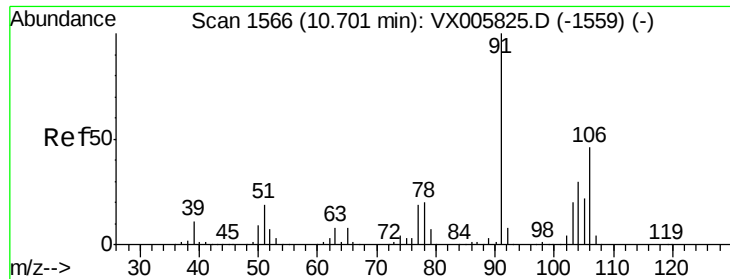
Acq: 19 Nov 2018 09:39

Tgt Ion: 106 Resp: 198907
Ion Ratio Lower Upper

106 100

91 204.5 164.2 246.4





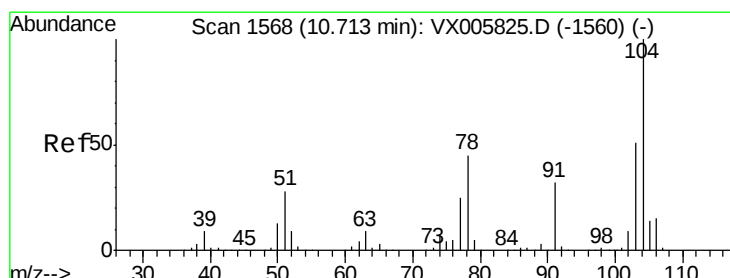
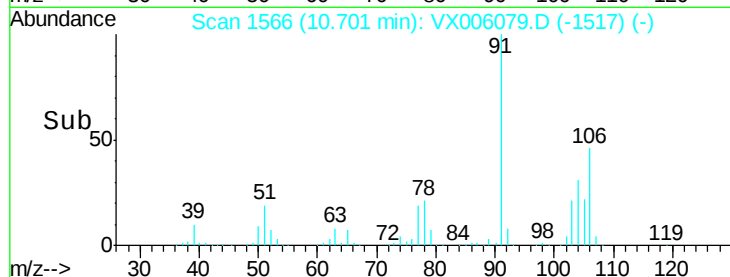
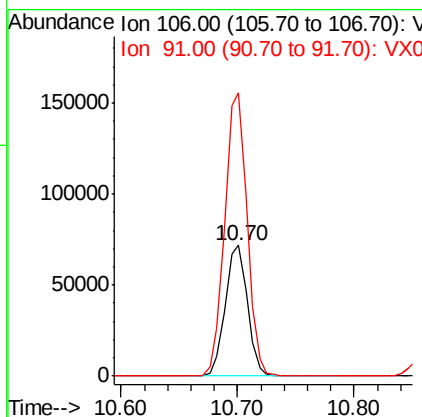
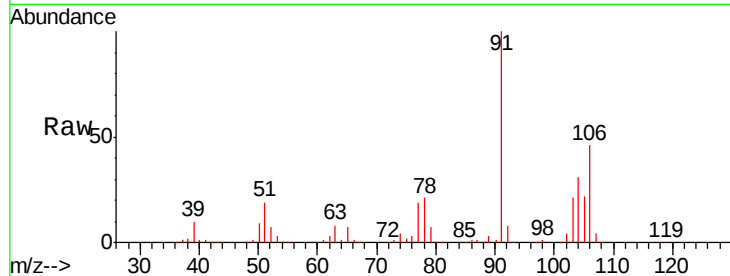
#69
o-Xylene
Concen: 62.80 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006079.D
Acq: 19 Nov 2018 09:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 95207
Ion Ratio Lower Upper
106 100
91 217.6 108.5 325.5

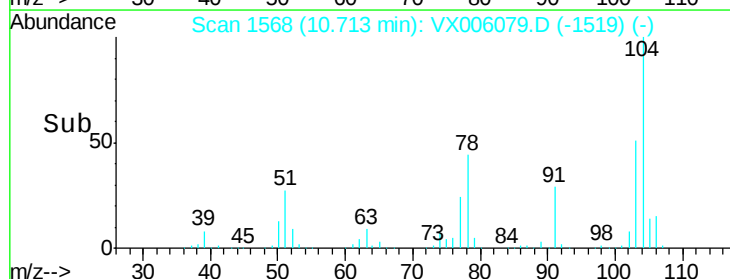
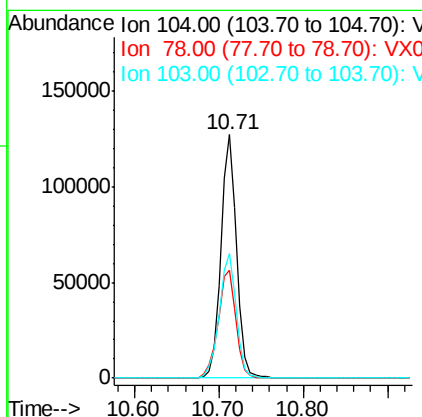
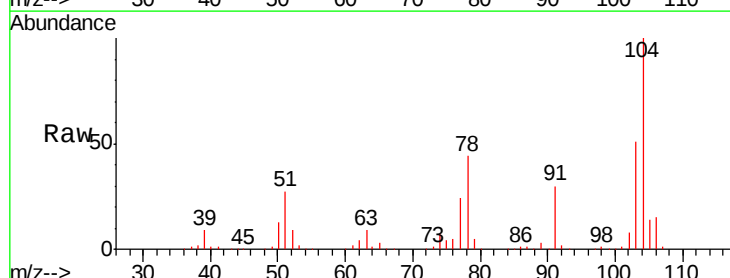
Manual Integrations
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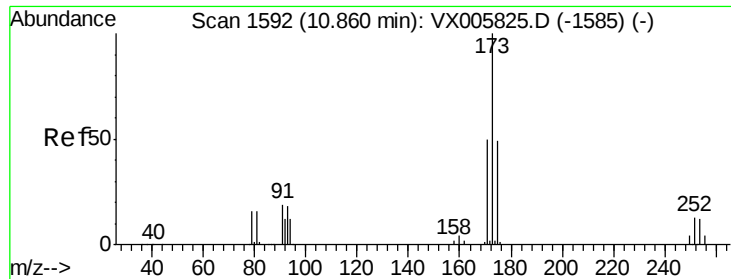
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#70
Styrene
Concen: 65.25 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006079.D
Acq: 19 Nov 2018 09:39

Tgt Ion:104 Resp: 163178
Ion Ratio Lower Upper
104 100
78 50.7 40.2 60.4
103 56.0 44.9 67.3





#71

Bromoform

Concen: 68.99 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX006079.D

Acq: 19 Nov 2018 09:39

Instrument :

MSVOA_X

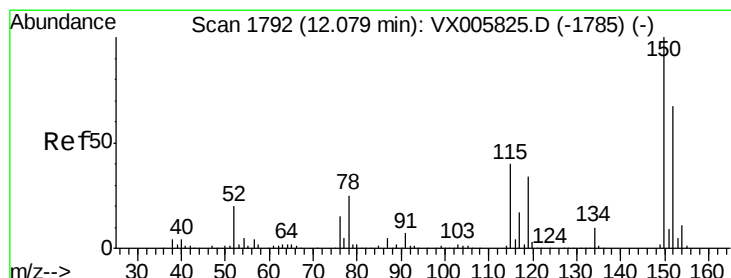
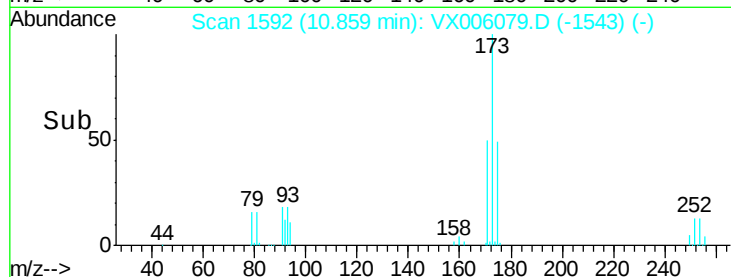
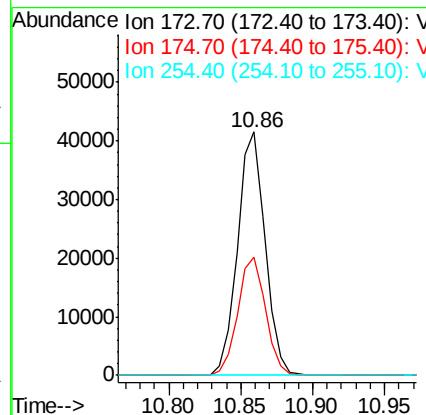
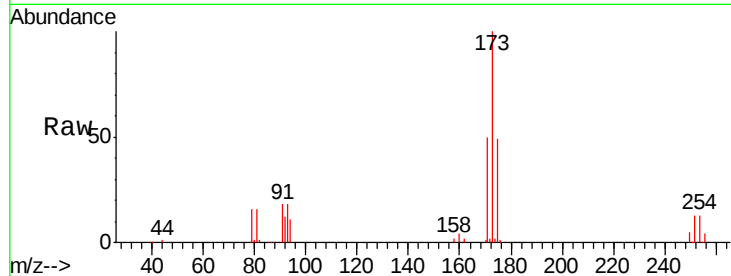
ClientSampleId :

VSTDCCC050

Tgt Ion:	173	Resp:	55570
Ion Ratio	Lower	Upper	
173	100		
175	49.1	24.8	74.3
254	0.2	0.2	0.2

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

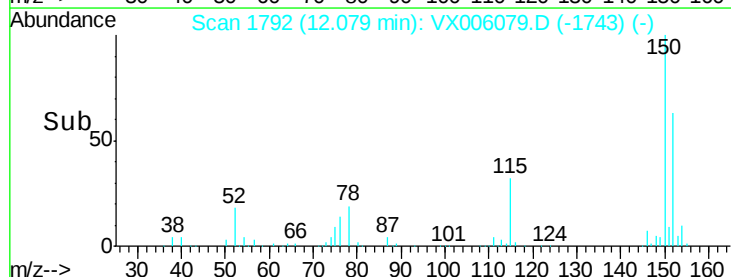
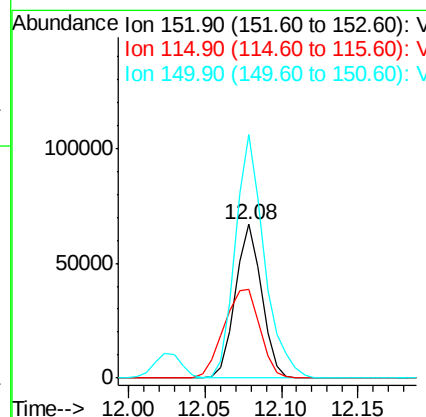
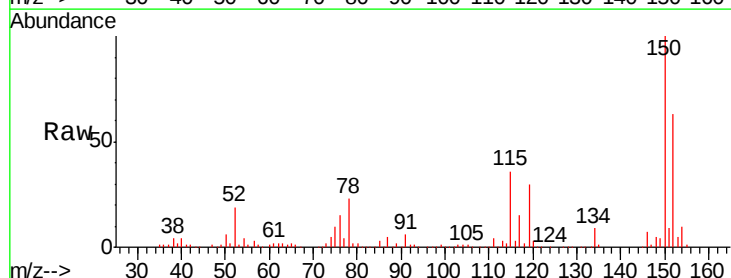
RT: 12.08 min Scan# 1792

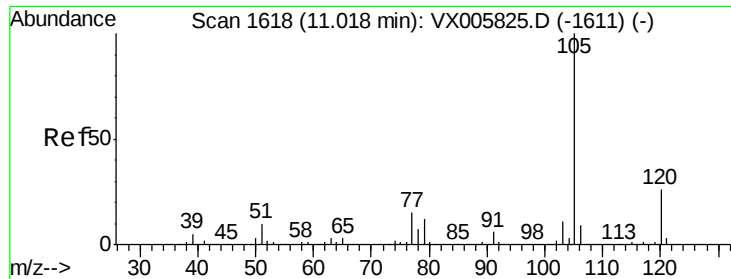
Delta R.T. -0.00 min

Lab File: VX006079.D

Acq: 19 Nov 2018 09:39

Tgt Ion:	152	Resp:	79651
Ion Ratio	Lower	Upper	
152	100		
115	79.6	39.4	118.1
150	174.7	0.0	346.4





#73

Isopropylbenzene

Concen: 58.13 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006079.D

Acq: 19 Nov 2018 09:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 267743

Ion Ratio Lower Upper

105 100

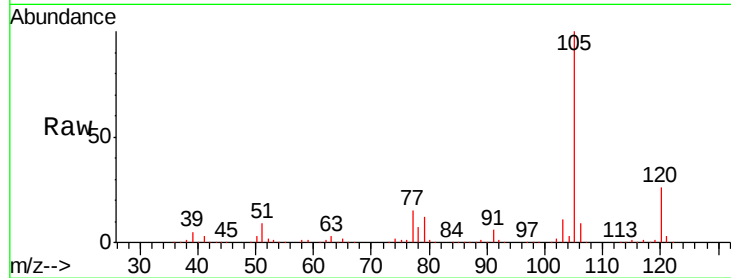
120 26.6 13.1 39.3

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

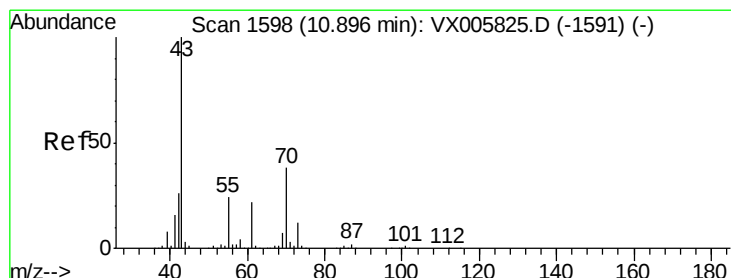
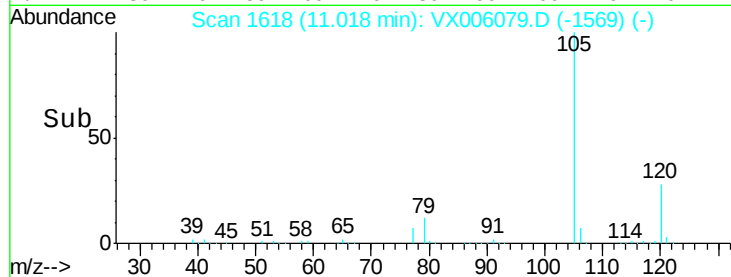
50000

0

11.02

11.10

Time-->



#74

N-ethyl acetate

Concen: 46.39 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006079.D

Acq: 19 Nov 2018 09:39

Tgt Ion: 43 Resp: 119648

Ion Ratio Lower Upper

43 100

70 39.3 31.6 47.4

55 23.5 19.7 29.5

61 23.2 18.3 27.5

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

150000

100000

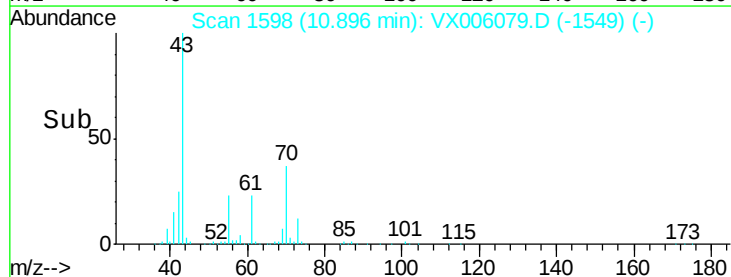
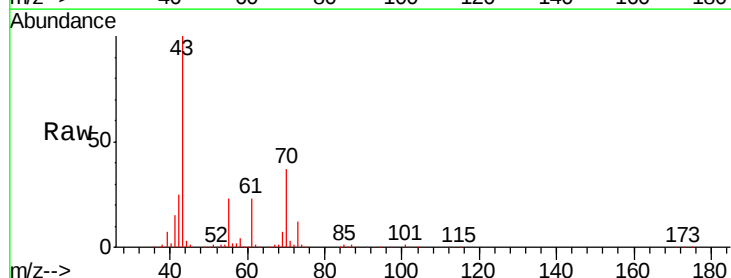
50000

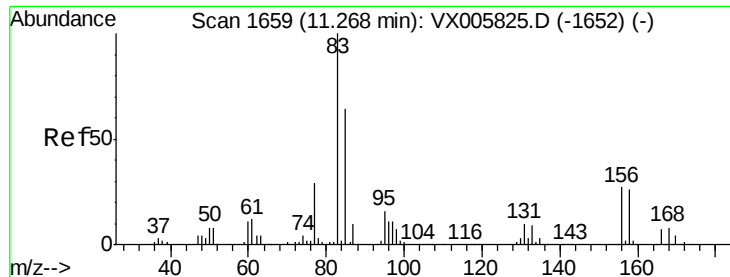
0

10.90

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 53.17 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006079.D

Acq: 19 Nov 2018 09:39

Instrument :

MSVOA_X

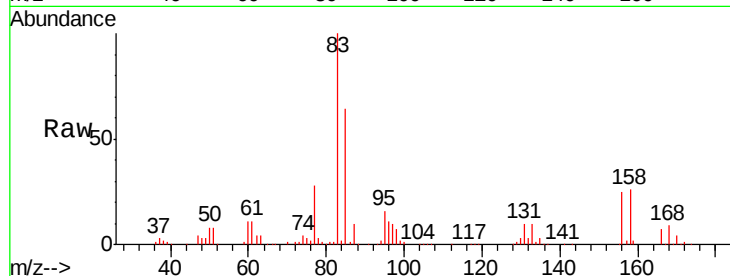
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	89894
Ion	Ratio	Lower	Upper
83	100		
131	10.6	5.3	15.9
85	64.6	32.0	96.2

Manual Integrations
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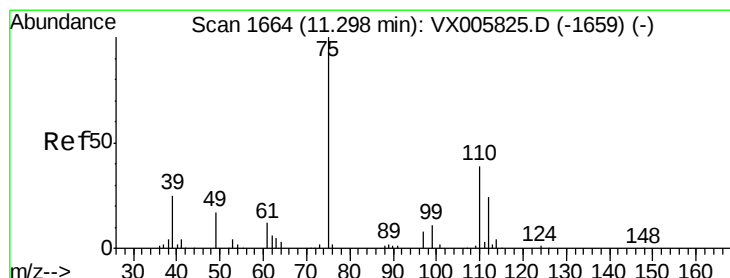
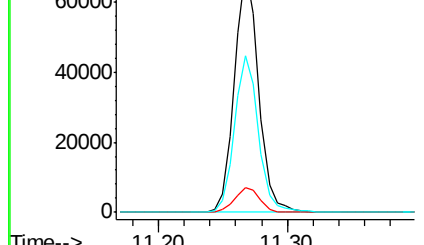
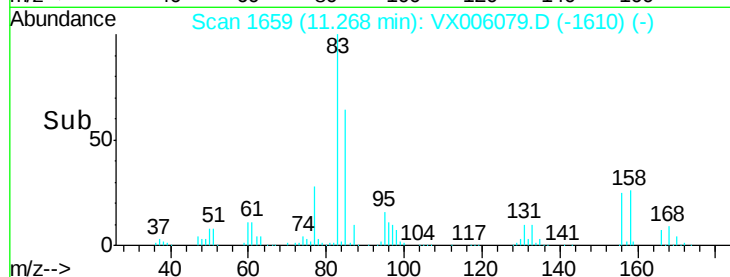


Abundance Ion 82.90 (82.60 to 83.60): VX006079.D (-1610) (-)

Ion 130.80 (130.50 to 131.50): VX006079.D (-1610) (-)

Ion 84.90 (84.60 to 85.60): VX006079.D (-1610) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 54.73 ug/l m

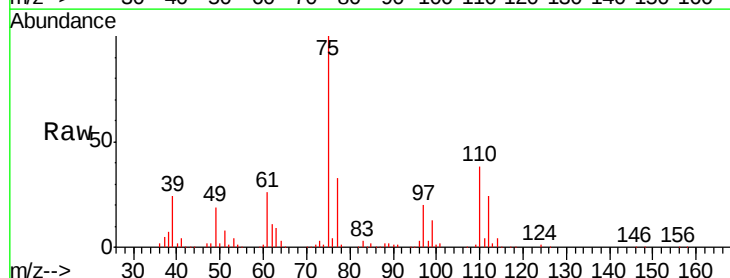
RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX006079.D

Acq: 19 Nov 2018 09:39

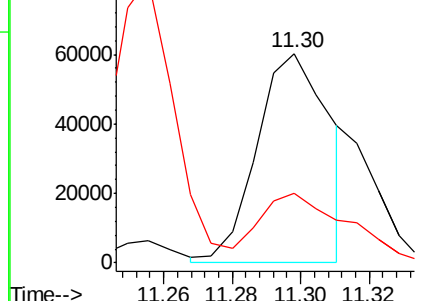
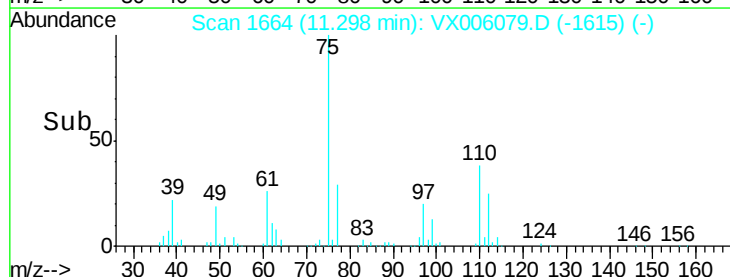
Tgt Ion:	75	Resp:	88769
Ion	Ratio	Lower	Upper
75	100		
77	40.2	20.5	61.6

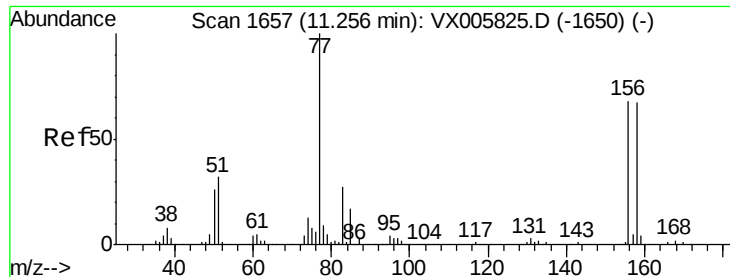


Abundance Ion 74.90 (74.60 to 75.60): VX006079.D (-1615) (-)

Ion 77.00 (76.70 to 77.70): VX006079.D (-1615) (-)

Time-->





#77

Bromobenzene

Concen: 54.34 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006079.D

Acq: 19 Nov 2018 09:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 70545

Ion Ratio Lower Upper

156 100

77 149.1 74.8 224.4

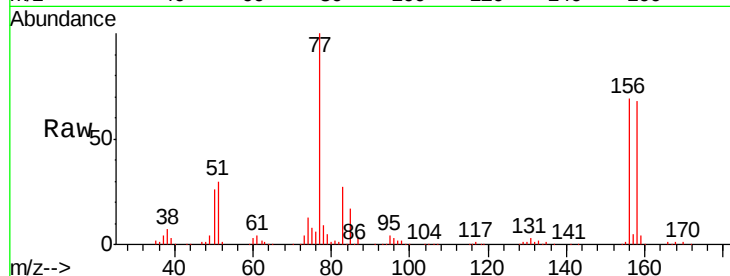
158 97.7 49.1 147.3

Manual Integrations

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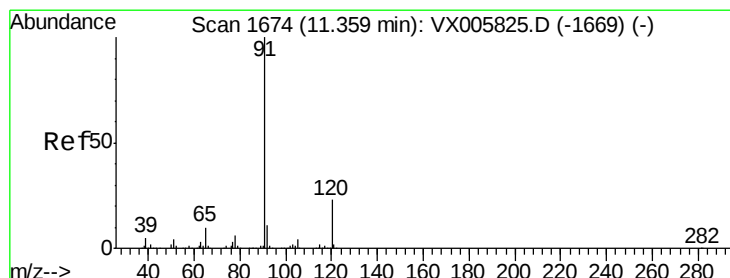
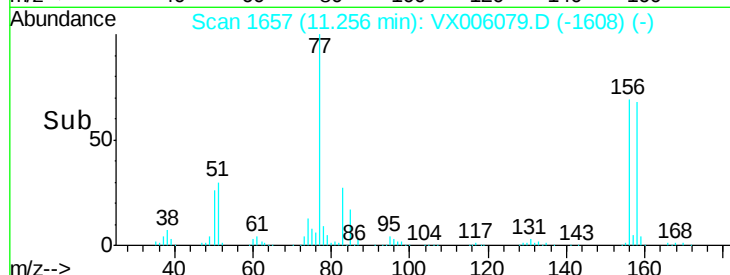
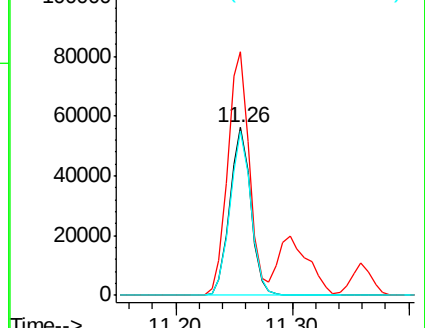
11/20/2018 9:59:20 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 57.78 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006079.D

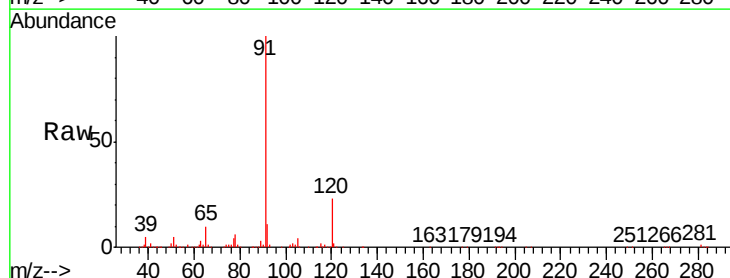
Acq: 19 Nov 2018 09:39

Tgt Ion: 91 Resp: 313638

Ion Ratio Lower Upper

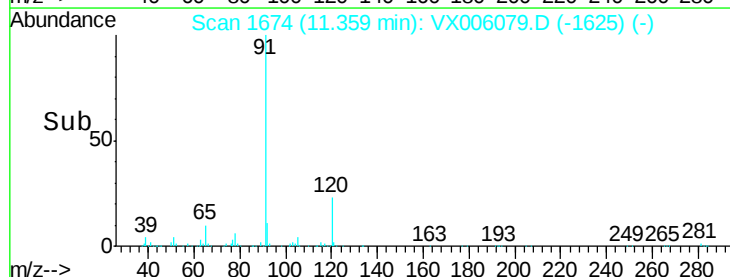
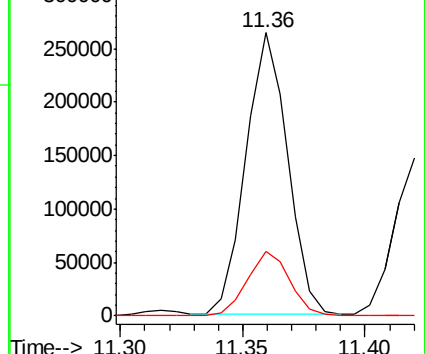
91 100

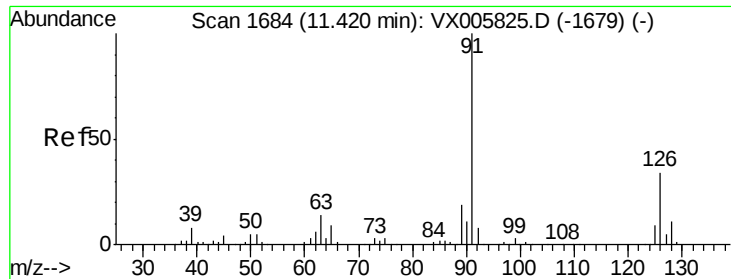
120 23.2 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 55.94 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006079.D

Acq: 19 Nov 2018 09:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 183545

Ion Ratio Lower Upper

91 100

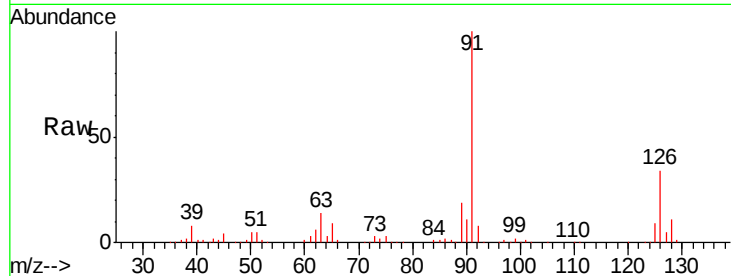
126 34.3 17.3 52.0

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Abundance Ion 91.00 (90.70 to 91.70): VX005825.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX005825.D (-1679) (-)

300000

250000

200000

150000

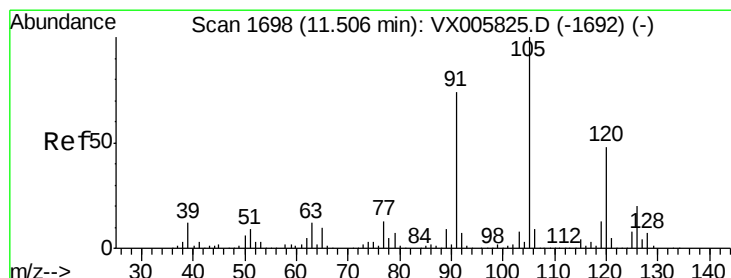
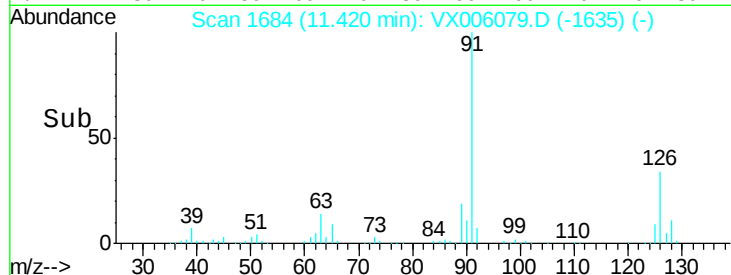
100000

50000

0

11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 58.56 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006079.D

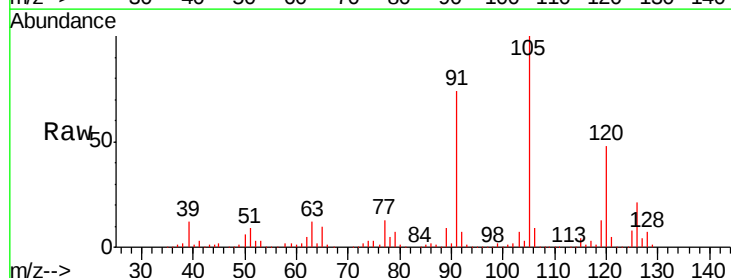
Acq: 19 Nov 2018 09:39

Tgt Ion: 105 Resp: 229228

Ion Ratio Lower Upper

105 100

120 48.4 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VX005825.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX005825.D (-1692) (-)

200000

150000

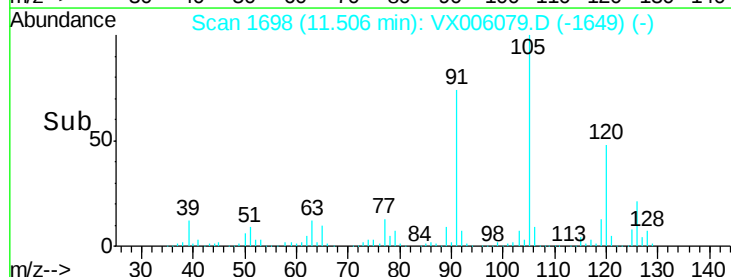
100000

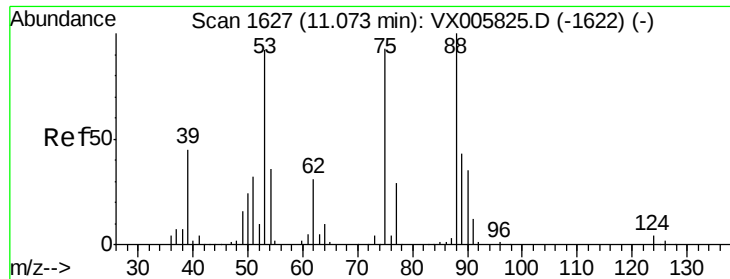
50000

0

11.45 11.50 11.55 11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 60.34 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX006079.D

Acq: 19 Nov 2018 09:39

Instrument :

MSVOA_X

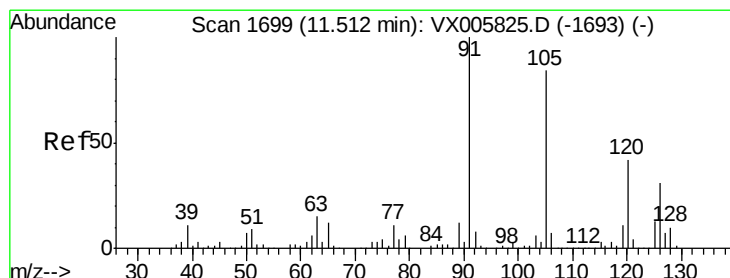
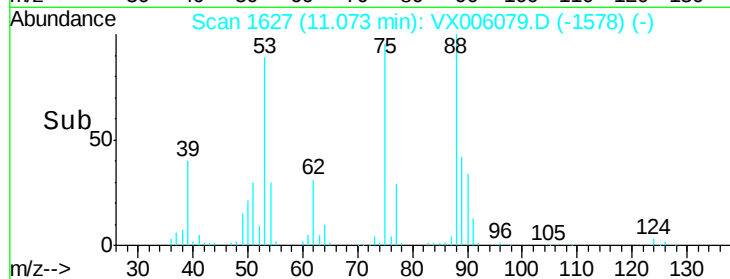
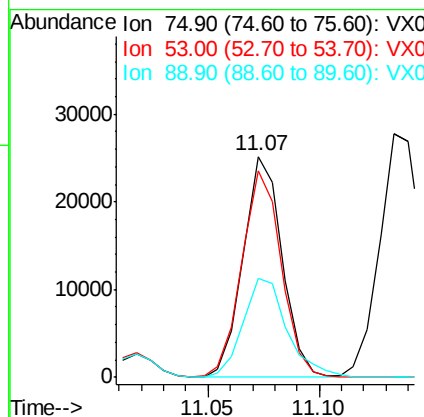
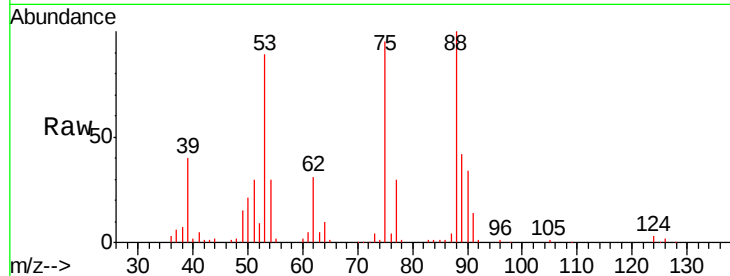
ClientSampleId :

VSTDCCC050

Tgt Ion:	75	Resp:	30706
Ion	Ratio	Lower	Upper
75	100		
53	95.9	80.2	120.2
89	51.1	39.8	59.8

Manual Integrations
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#82

4-Chlorotoluene

Concen: 56.83 ug/l

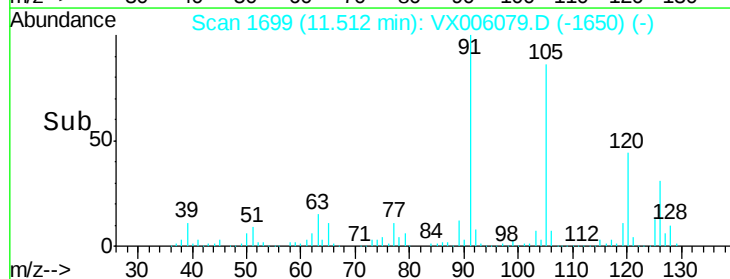
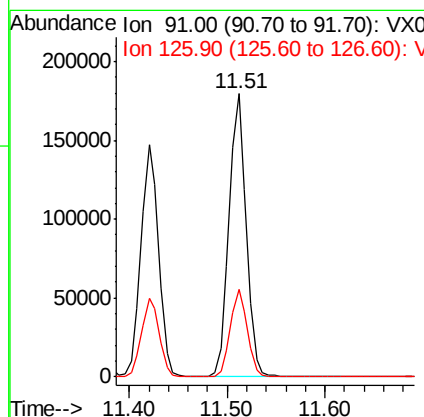
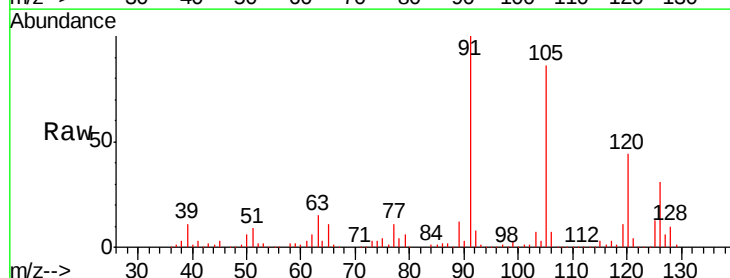
RT: 11.51 min Scan# 1699

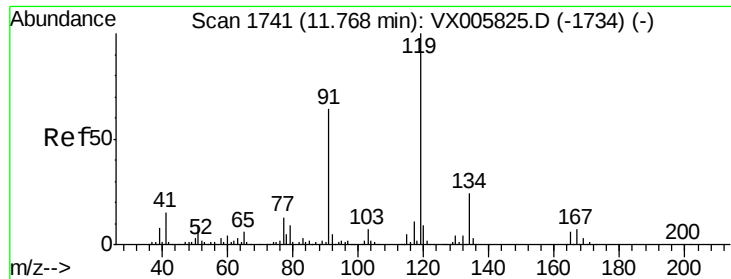
Delta R.T. -0.00 min

Lab File: VX006079.D

Acq: 19 Nov 2018 09:39

Tgt Ion:	91	Resp:	219769
Ion	Ratio	Lower	Upper
91	100		
126	30.5	15.2	45.6





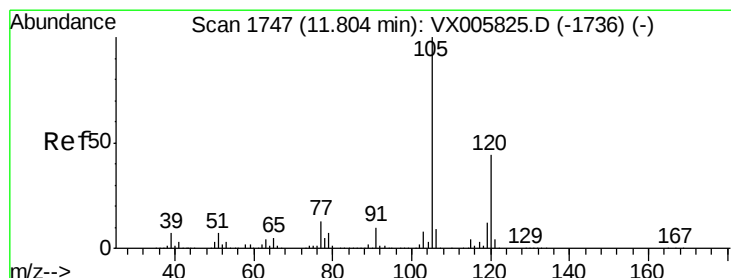
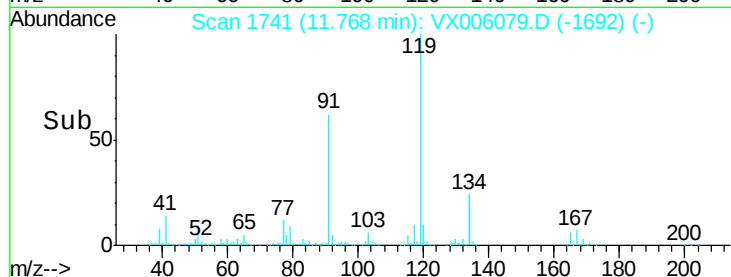
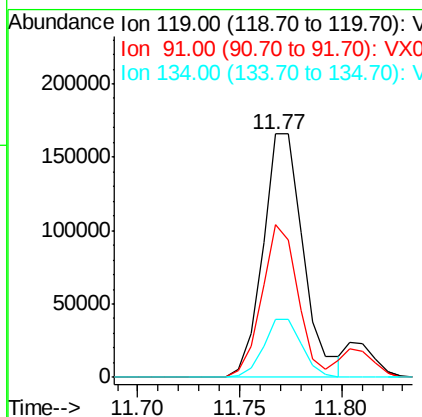
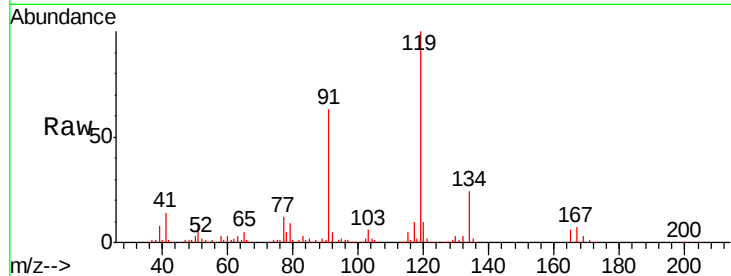
#83
 tert-Butylbenzene
 Concen: 57.63 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX006079.D
 Acq: 19 Nov 2018 09:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
119	100		
91	56.3	28.5	85.5
134	22.8	11.3	33.8

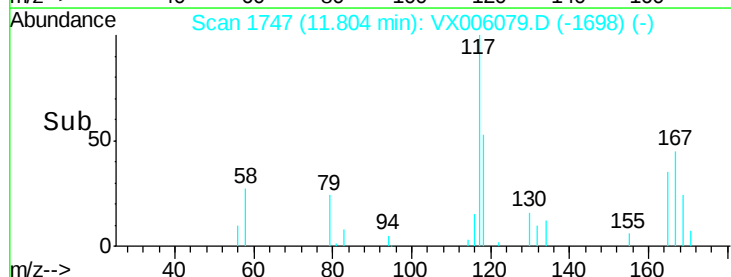
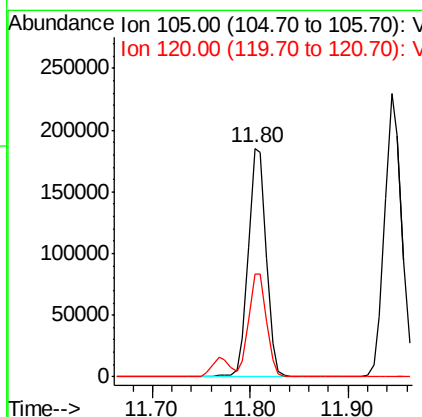
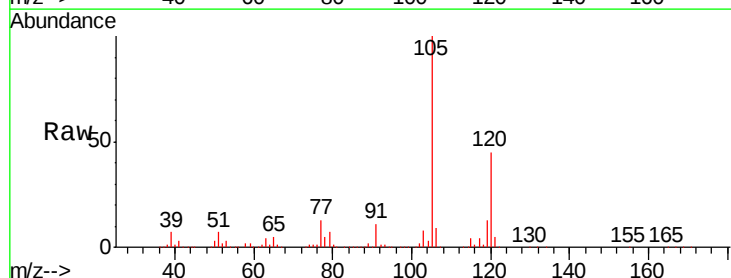
Manual Integrations
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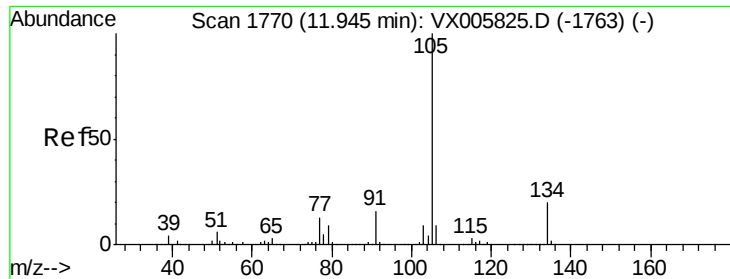
MMDadoda
 11/20/2018 9:59:20 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 54.66 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX006079.D
 Acq: 19 Nov 2018 09:39

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.4	67.0





#85

sec-Butylbenzene

Concen: 57.24 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006079.D

Acq: 19 Nov 2018 09:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 277187

Ion Ratio Lower Upper

105 100

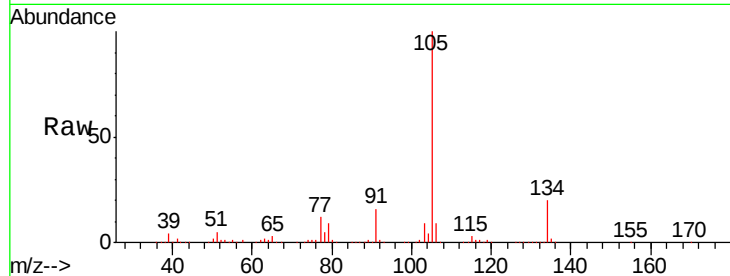
134 20.3 10.2 30.4

Manual Integrations

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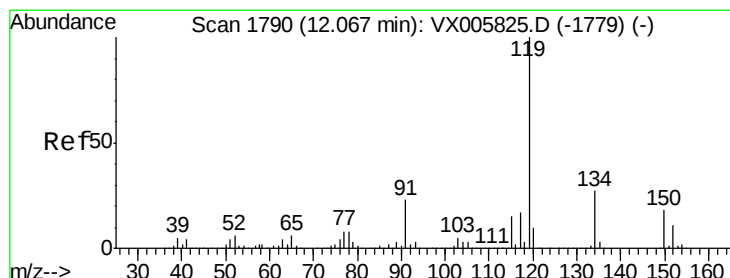
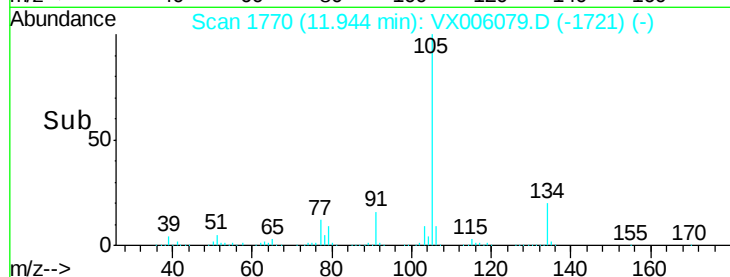
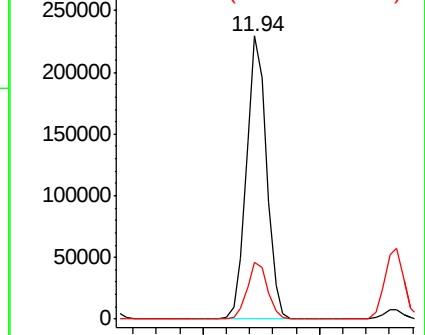
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 59.52 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX006079.D

Acq: 19 Nov 2018 09:39

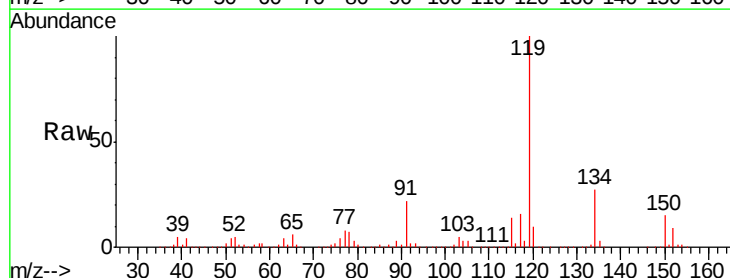
Tgt Ion:119 Resp: 255308

Ion Ratio Lower Upper

119 100

134 26.1 13.0 39.0

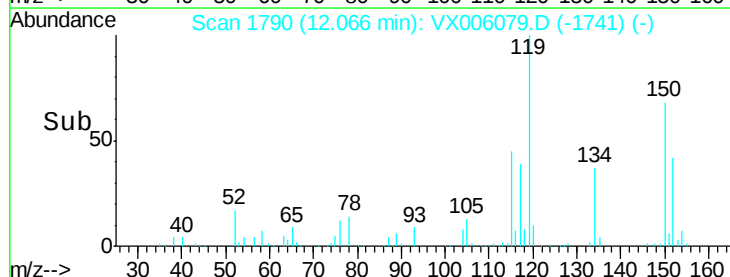
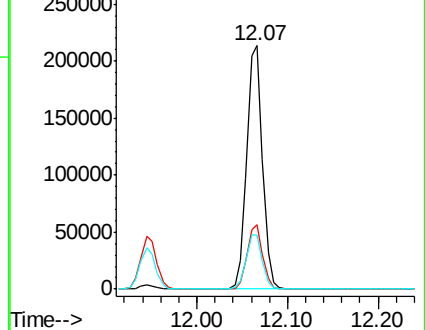
91 23.0 11.4 34.2

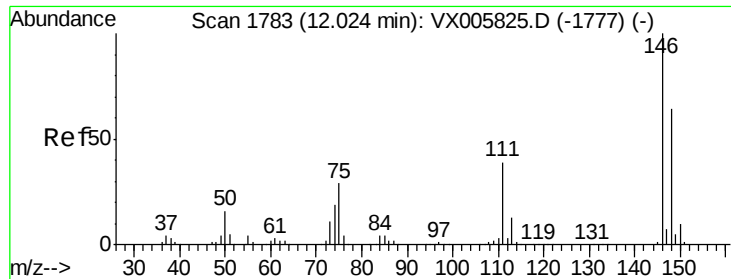


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





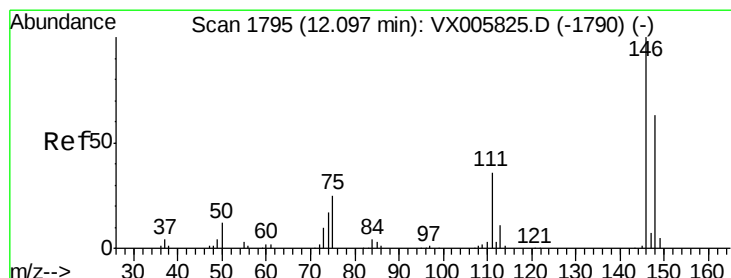
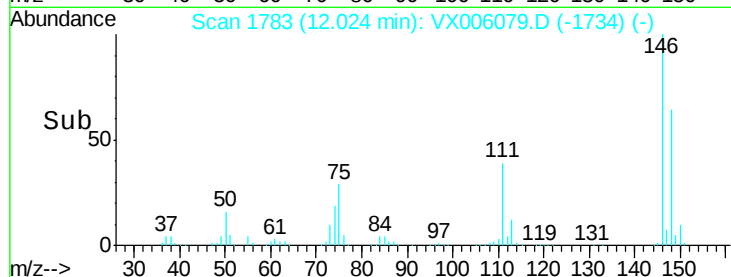
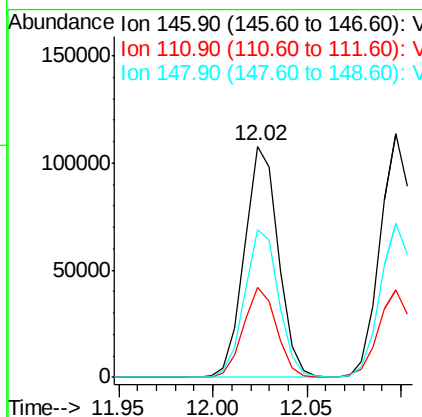
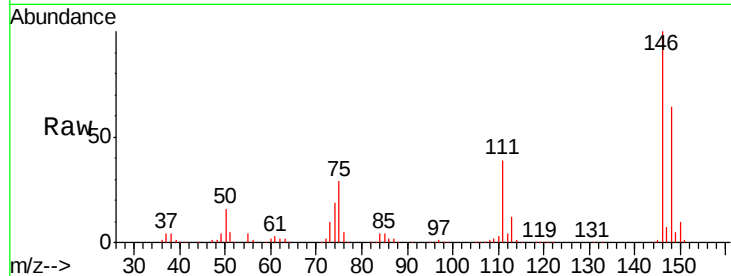
#87
 1,3-Dichlorobenzene
 Concen: 54.13 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX006079.D
 Acq: 19 Nov 2018 09:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.0	57.0
148	64.3	31.9	95.9

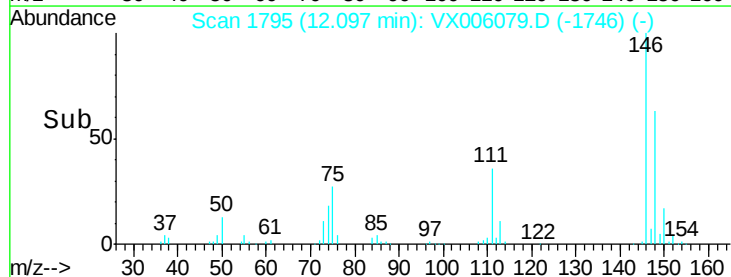
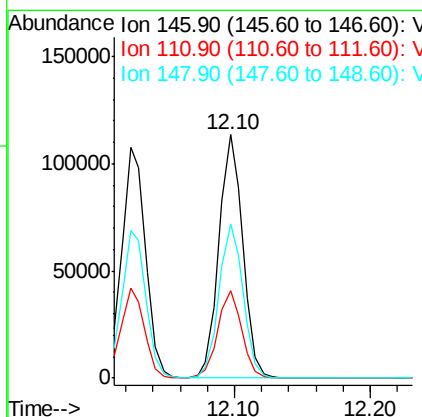
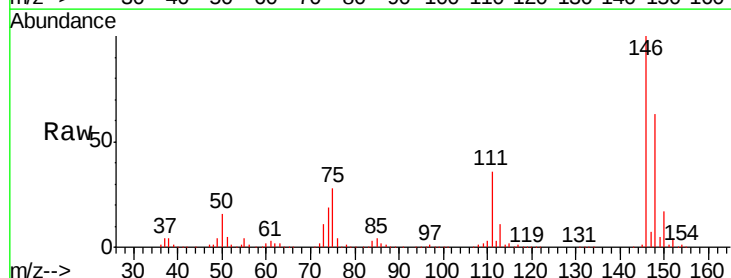
Manual Integrations
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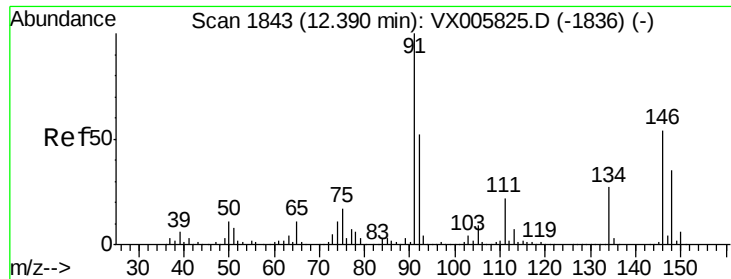
MMDadoda
 11/20/2018 9:59:20 AM



#88
 1,4-Dichlorobenzene
 Concen: 53.98 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX006079.D
 Acq: 19 Nov 2018 09:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.6	55.8
148	64.0	32.1	96.3





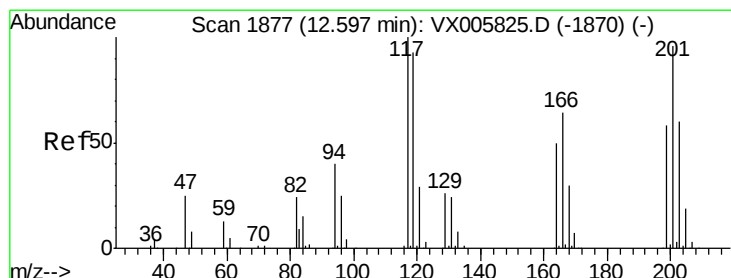
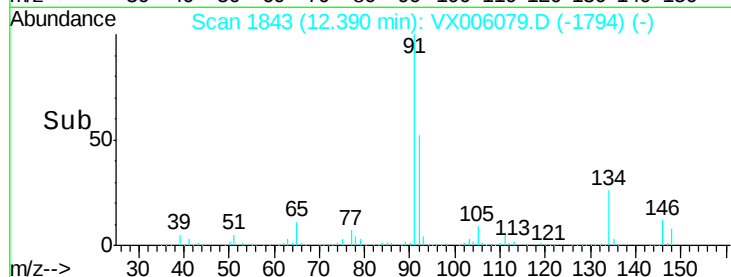
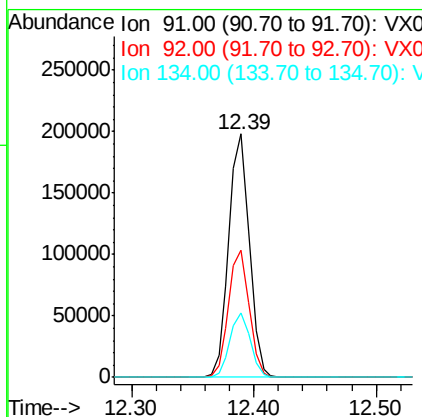
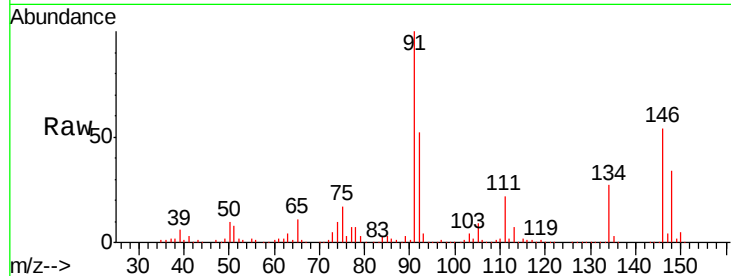
#89
n-Butylbenzene
Concen: 57.84 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006079.D
Acq: 19 Nov 2018 09:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 229943
Ion Ratio Lower Upper
91 100
92 52.6 26.1 78.2
134 26.4 13.1 39.3

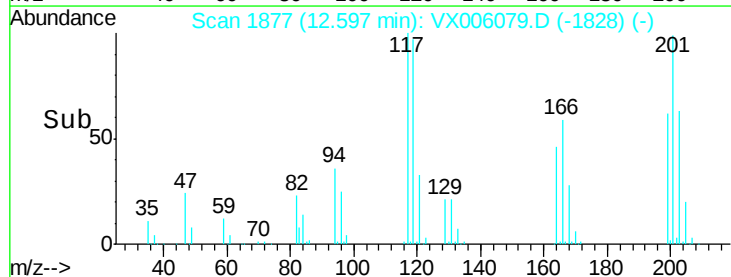
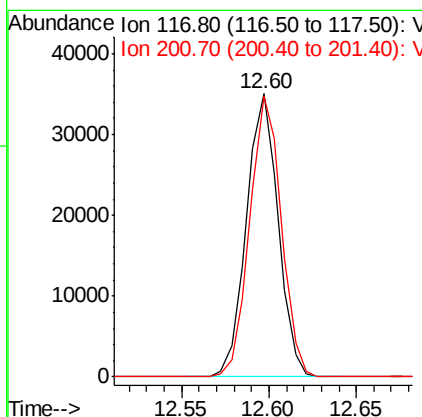
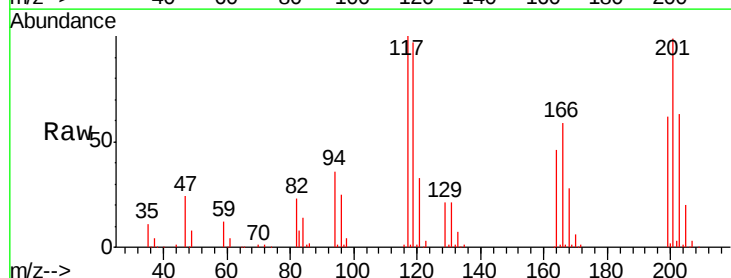
Manual Integrations
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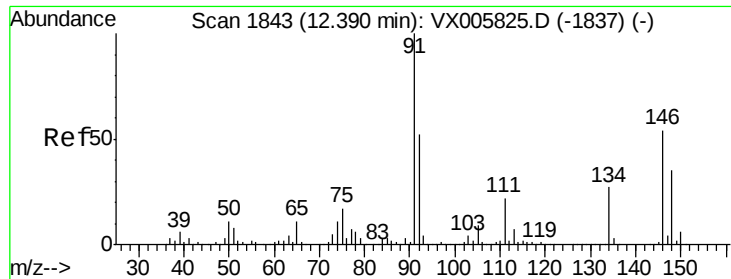
MMDadoda
11/20/2018 9:59:20 AM



#90
Hexachloroethane
Concen: 61.54 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX006079.D
Acq: 19 Nov 2018 09:39

Tgt Ion: 117 Resp: 44069
Ion Ratio Lower Upper
117 100
201 98.9 47.9 143.6





#91

1,2-Dichlorobenzene

Concen: 53.62 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX006079.D

Acq: 19 Nov 2018 09:39

Instrument :

MSVOA_X

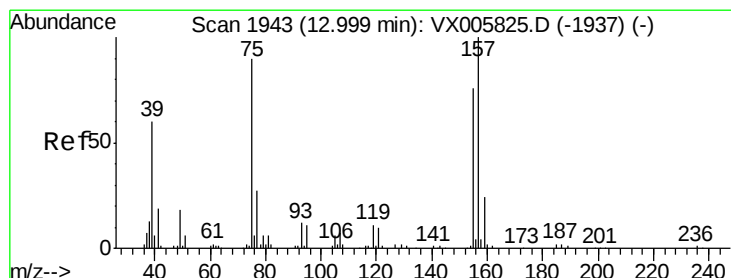
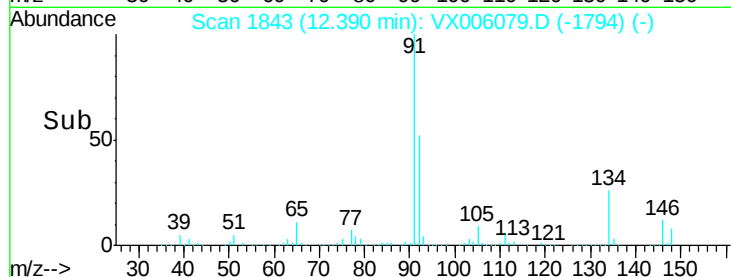
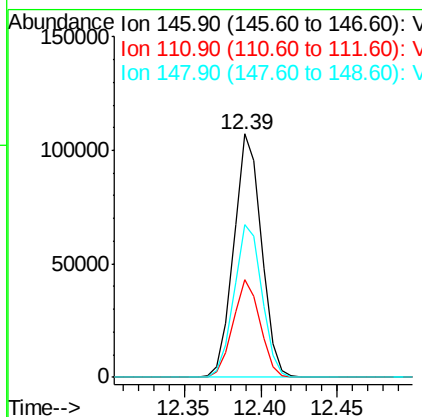
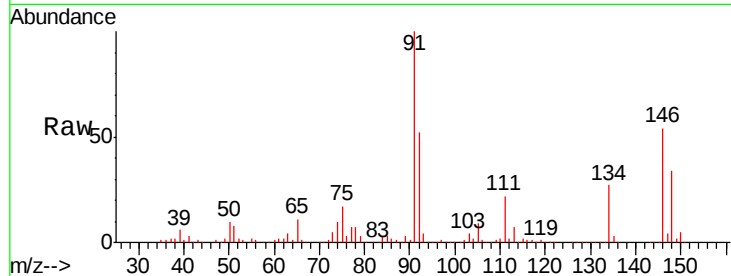
ClientSampleId :

VSTDCCC050

Tgt Ion:	146	Resp:	133831
Ion Ratio	Lower	Upper	
146	100		
111	39.5	20.0	59.9
148	63.6	32.2	96.6

Manual Integrations
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11/20/2018 9:59:20 AM



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.93 ug/l

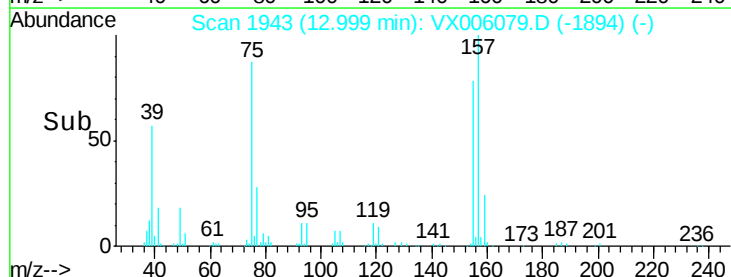
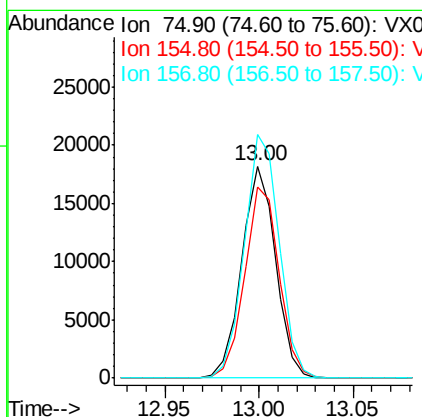
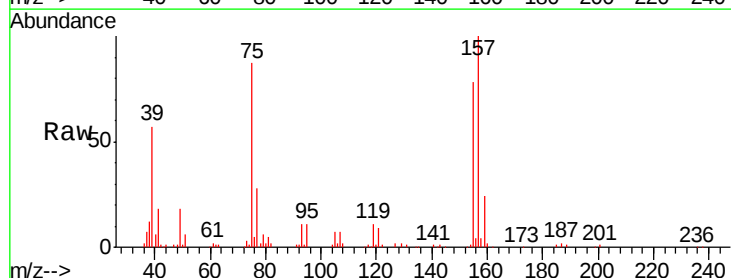
RT: 13.00 min Scan# 1943

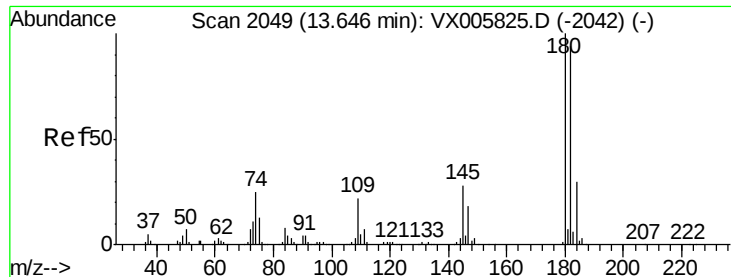
Delta R.T. -0.00 min

Lab File: VX006079.D

Acq: 19 Nov 2018 09:39

Tgt Ion:	75	Resp:	22660
Ion Ratio	Lower	Upper	
75	100		
155	92.2	45.4	136.1
157	118.1	57.4	172.0





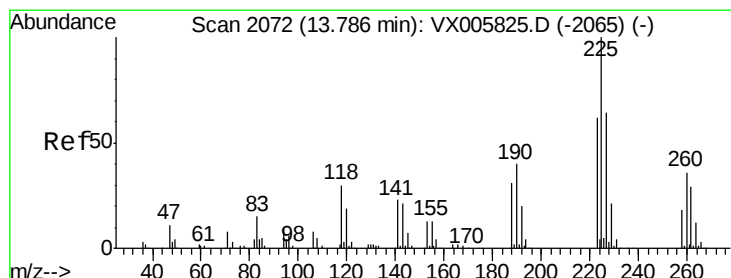
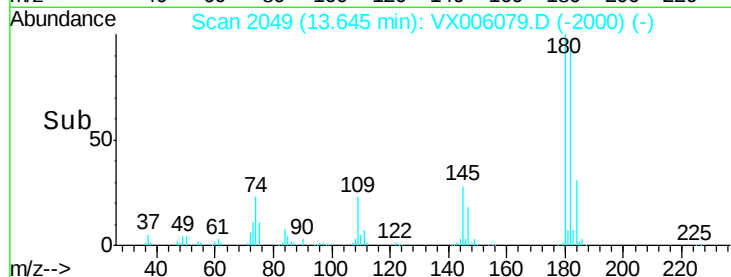
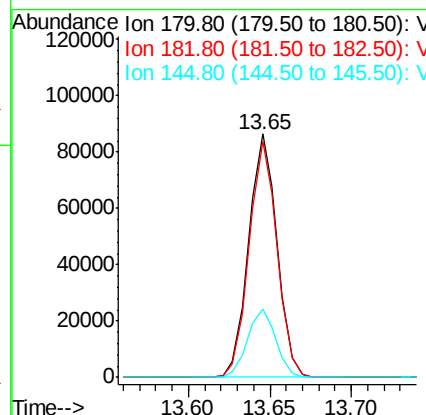
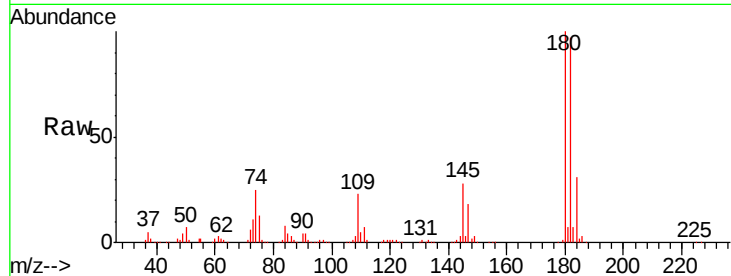
#93
 1,2,4-Trichlorobenzene
 Concen: 59.64 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006079.D
 Acq: 19 Nov 2018 09:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	104790		
182	95.7	47.6	142.8	
145	28.0	14.1	42.2	

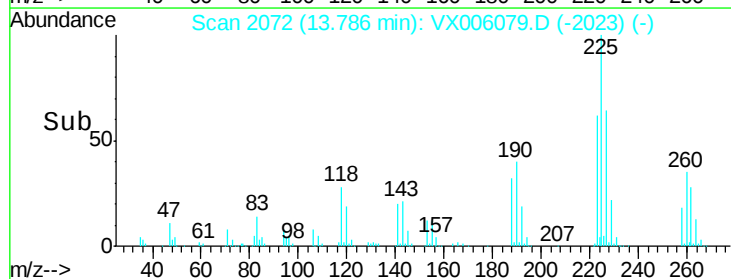
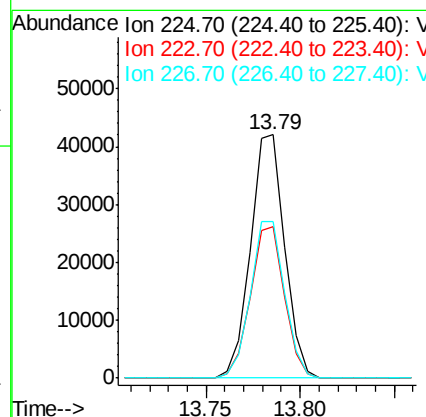
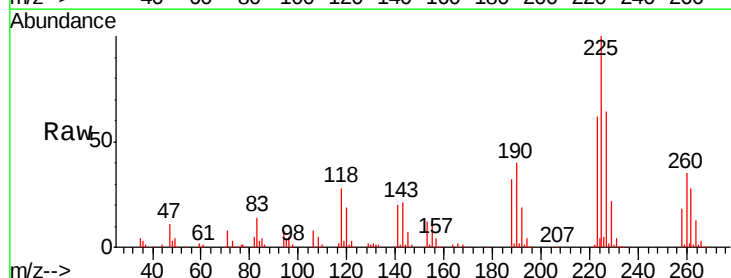
Manual Integrations
 APPROVED

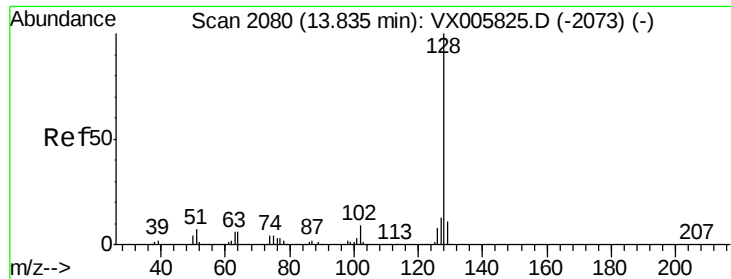
MMDadoda
 11/20/2018 9:59:20 AM



#94
 Hexachlorobutadiene
 Concen: 57.18 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX006079.D
 Acq: 19 Nov 2018 09:39

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	52774		
223	62.0	31.7	95.1	
227	64.4	32.3	96.9	





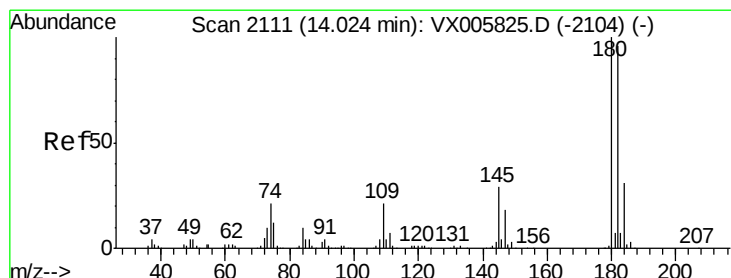
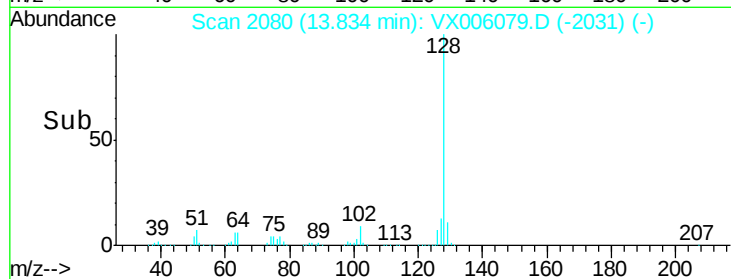
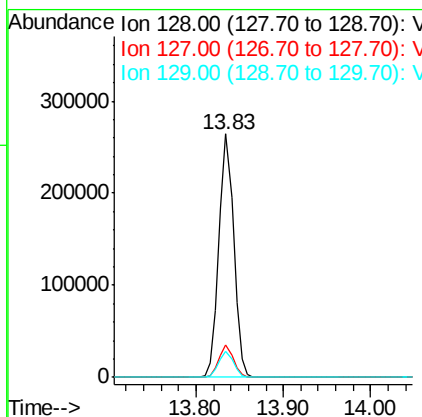
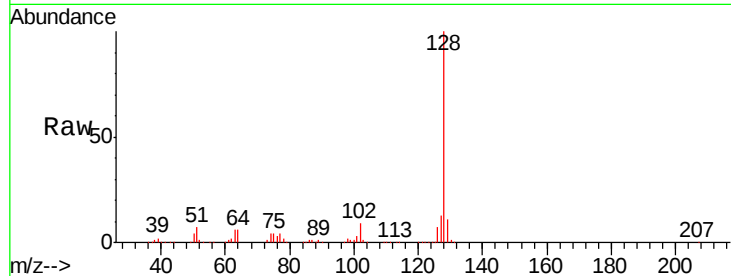
#95
Naphthalene
Concen: 53.65 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006079.D
Acq: 19 Nov 2018 09:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.8	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
11/20/2018 9:59:20 AM



#96
1,2,3-Trichlorobenzene
Concen: 58.51 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.01 min
Lab File: VX006079.D
Acq: 19 Nov 2018 09:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	48.0	144.2
145	29.6	15.1	45.3

