

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111418\
 Data File : VX005982.D
 Acq On : 14 Nov 2018 18:48
 Operator : JC/MD
 Sample : J5934-02MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0144MS

Manual Integrations
 APPROVED

MMDadoda
 11/15/2018 1:05:23 PM

Quant Time: Nov 15 01:29:28 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	114085	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	166122	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	149797	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	82041	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	71130	54.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.46%	
35) Dibromofluoromethane	5.49	113	59354	52.53	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	105.06%	
50) Toluene-d8	8.71	98	204049	54.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.64%	
62) 4-Bromofluorobenzene	11.14	95	76014	56.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.56%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	49802	48.42	ug/l	95
3) Chloromethane	1.32	50	63466	47.01	ug/l	99
4) Vinyl Chloride	1.40	62	80674	59.53	ug/l	96
5) Bromomethane	1.64	94	37023	44.64	ug/l	88
6) Chloroethane	1.71	64	41027	50.74	ug/l	95
7) Trichlorofluoromethane	1.93	101	90797	50.48	ug/l	97
8) Diethyl Ether	2.19	74	38912	55.21	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	50594	48.90	ug/l	98
10) Methyl Iodide	2.51	142	64503	51.44	ug/l	98
11) Tert butyl alcohol	3.07	59	93300	248.33	ug/l	99
12) 1,1-Dichloroethene	2.37	96	53589	53.14	ug/l	94
13) Acrolein	2.29	56	62184	339.67	ug/l	99
14) Allyl chloride	2.73	41	108229	48.06	ug/l	99
15) Acrylonitrile	3.15	53	206701	265.47	ug/l	99
16) Acetone	2.45	43	183122	259.32	ug/l	94
17) Carbon Disulfide	2.57	76	150666	50.09	ug/l	100
18) Methyl Acetate	2.78	43	98632	52.18	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	193545	56.24	ug/l	100
20) Methylene Chloride	2.86	84	60738	52.36	ug/l	83
21) trans-1,2-Dichloroethene	3.17	96	57387	53.96	ug/l	99
22) Diisopropyl ether	3.88	45	211015	53.49	ug/l	# 86
23) Vinyl Acetate	3.83	43	767866	227.00	ug/l	100
24) 1,1-Dichloroethane	3.70	63	108680	51.63	ug/l	99
25) 2-Butanone	4.70	43	288656	260.00	ug/l	98
26) 2,2-Dichloropropane	4.57	77	48026	31.10	ug/l	92
27) cis-1,2-Dichloroethene	4.60	96	81136	69.09	ug/l	98
28) Bromochloromethane	5.02	49	56065	59.60	ug/l	100
29) Tetrahydrofuran	5.15	42	185744	260.57	ug/l	100
30) Chloroform	5.21	83	105711	52.06	ug/l	89
31) Cyclohexane	5.58	56	97122	53.16	ug/l	94
32) 1,1,1-Trichloroethane	5.50	97	88492	52.24	ug/l	98
36) 1,1-Dichloropropene	5.79	75	74254	46.37	ug/l	99
37) Ethyl Acetate	4.86	43	92172	43.77	ug/l	100
38) Carbon Tetrachloride	5.79	117	78020	48.66	ug/l	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	80810	49.79	ug/l	100
40) Benzene	6.14	78	230988	49.48	ug/l	99
41) Methacrylonitrile	5.06	41	60812	53.44	ug/l	97
42) 1,2-Dichloroethane	6.20	62	83722	50.07	ug/l	100
43) Isopropyl Acetate	6.46	43	143238	46.94	ug/l	98
44) Trichloroethene	7.21	130	57595	48.58	ug/l	87
45) 1,2-Dichloropropane	7.51	63	60809	53.66	ug/l	95
46) Dibromomethane	7.66	93	37519	52.76	ug/l	99
47) Bromodichloromethane	7.90	83	71900	53.50	ug/l	97
48) Methyl methacrylate	7.77	41	76492	55.83	ug/l	97
49) 1,4-Dioxane	7.75	88	29846	1010.84	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	515598	268.09	ug/l	99
52) Toluene	8.79	92	134249	51.45	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	74682	47.09	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	79942	49.46	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	55913	48.08	ug/l	99
56) Ethyl methacrylate	9.18	69	91789	52.75	ug/l	98
57) 1,3-Dichloropropane	9.37	76	95296	48.76	ug/l	99
59) 2-Hexanone	9.49	43	405971	239.48	ug/l	98
60) Dibromochloromethane	9.58	129	58860	46.83	ug/l	100
61) 1,2-Dibromoethane	9.67	107	58828	45.75	ug/l	99
64) Tetrachloroethene	9.33	164	51227	40.17	ug/l	98
65) Chlorobenzene	10.14	112	151424	50.46	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	55950	53.63	ug/l	100
67) Ethyl Benzene	10.25	91	262143	54.48	ug/l	100
68) m/p-Xylenes	10.36	106	199040	108.44	ug/l	100
69) o-Xylene	10.70	106	96599	58.69	ug/l	99
70) Styrene	10.71	104	161697	59.55	ug/l	100
71) Bromoform	10.86	173	48602	55.57	ug/l #	98
73) Isopropylbenzene	11.02	105	264064	55.66	ug/l	100
74) N-amyl acetate	10.90	43	115441	43.53	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	95888	55.06	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	86670m	51.88	ug/l	
77) Bromobenzene	11.26	156	69956	52.31	ug/l	99
78) n-propylbenzene	11.36	91	303059	54.20	ug/l	99
79) 2-Chlorotoluene	11.42	91	181194	53.61	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	223853	55.52	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	23304	44.46	ug/l	93
82) 4-Chlorotoluene	11.51	91	212218	53.28	ug/l	100
83) tert-Butylbenzene	11.77	119	227607	55.80	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	229795	51.65	ug/l	100
85) sec-Butylbenzene	11.94	105	266218	53.37	ug/l	100
86) p-Isopropyltoluene	12.07	119	235316	53.26	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	127447	49.66	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	130378	49.63	ug/l	99
89) n-Butylbenzene	12.39	91	203024	49.58	ug/l	100
90) Hexachloroethane	12.60	117	40369	54.73	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	130131	50.62	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	22798	53.65	ug/l	95
93) 1,2,4-Trichlorobenzene	13.65	180	95673	52.86	ug/l	100

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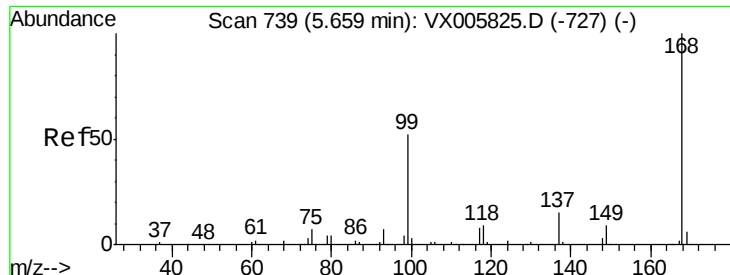
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	42813	45.03	ug/l	98
95) Naphthalene	13.83	128	307163	51.99	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	99131	53.76	ug/l	99

(#) = 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: VX005982.D

Acq: 14 Nov 2018 18:48

Instrument :

MSVOA_X

ClientSampleId :

S36-0144MS

Tgt Ion:168 Resp: 114085

Ion Ratio Lower Upper

168 100

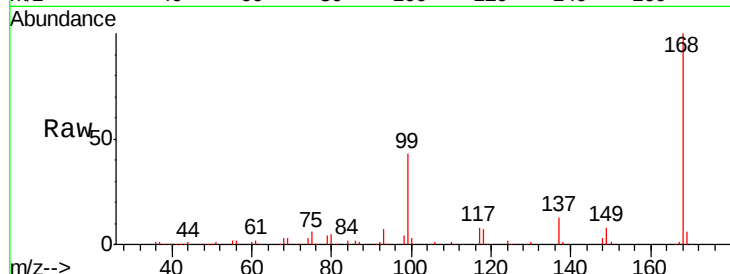
99 42.6 40.7 61.1

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

40000

30000

20000

10000

0

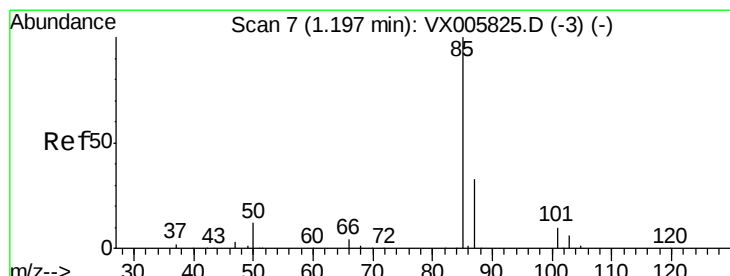
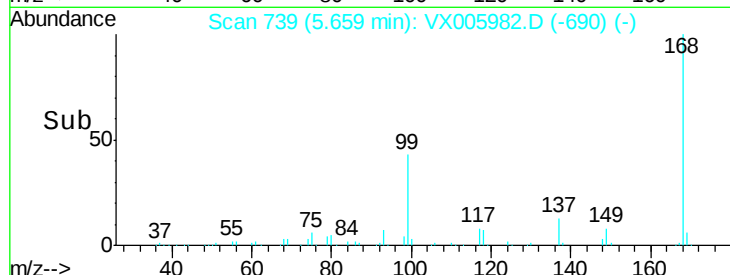
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 48.42 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005982.D

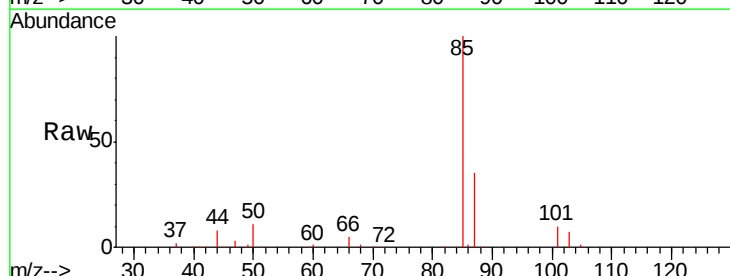
Acq: 14 Nov 2018 18:48

Tgt Ion: 85 Resp: 49802

Ion Ratio Lower Upper

85 100

87 35.5 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

50000

40000

30000

20000

10000

0

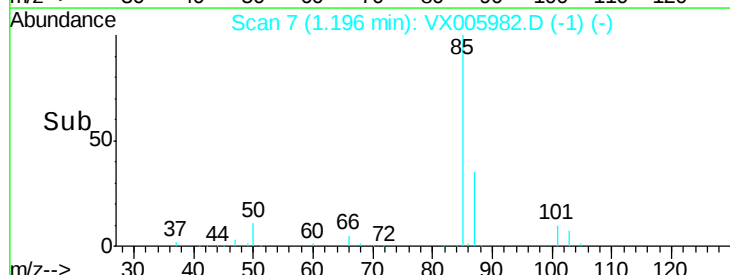
1.15

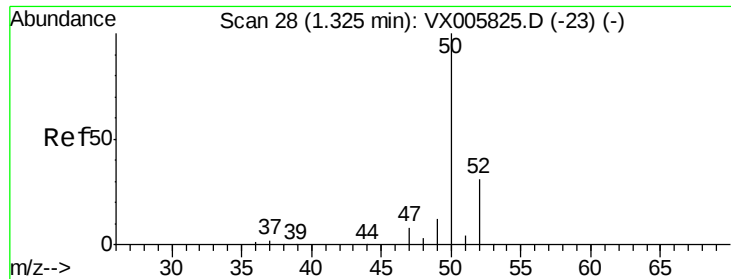
1.20

1.25

1.30

Time-->





#3

Chloromethane

Concen: 47.01 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005982.D

Acq: 14 Nov 2018 18:48

Instrument :

MSVOA_X

ClientSampleId :

S36-0144MS

Tgt Ion: 50 Resp: 63466

Ion Ratio Lower Upper

50 100

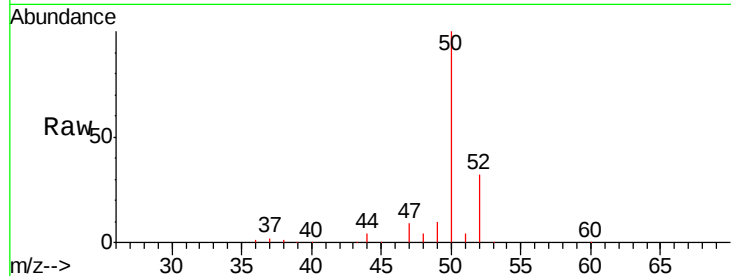
52 32.0 26.2 39.2

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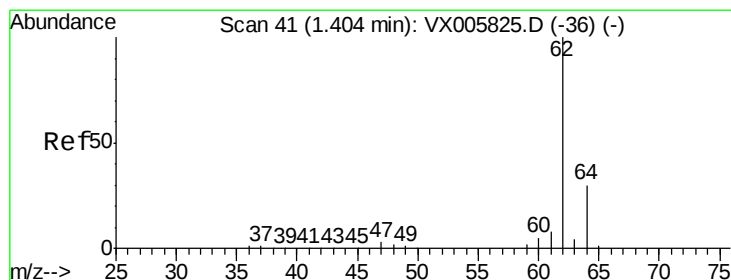
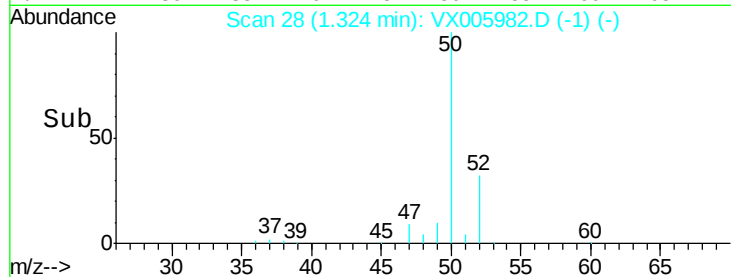
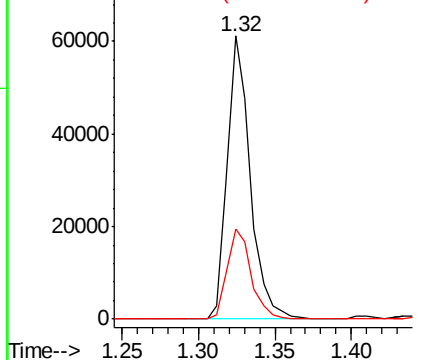
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 59.53 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX005982.D

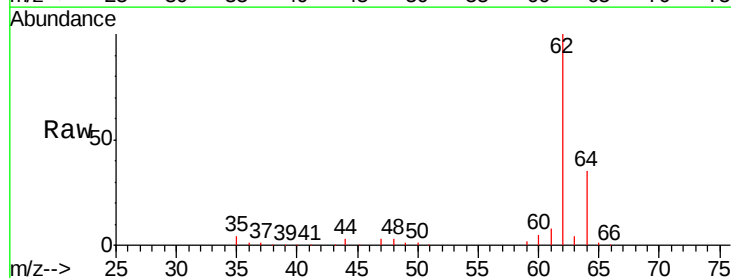
Acq: 14 Nov 2018 18:48

Tgt Ion: 62 Resp: 80674

Ion Ratio Lower Upper

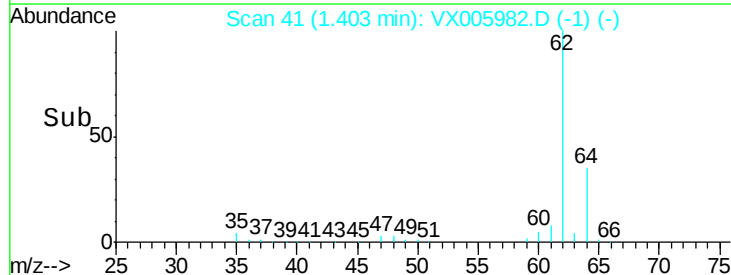
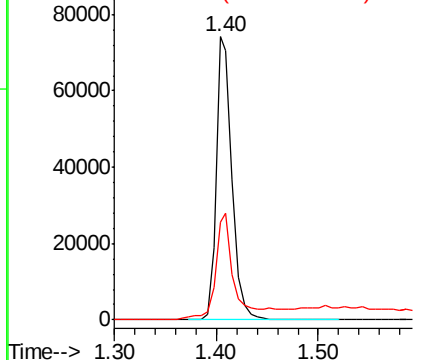
62 100

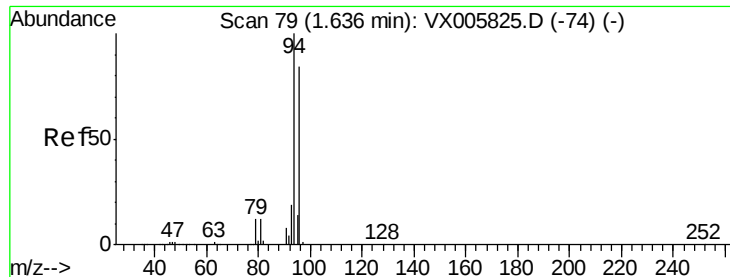
64 33.7 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 44.64 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005982.D

Acq: 14 Nov 2018 18:48

Instrument :

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ClientSampleId :

S36-0144MS

Tgt Ion: 94 Resp: 37023

Ion Ratio Lower Upper

94 100

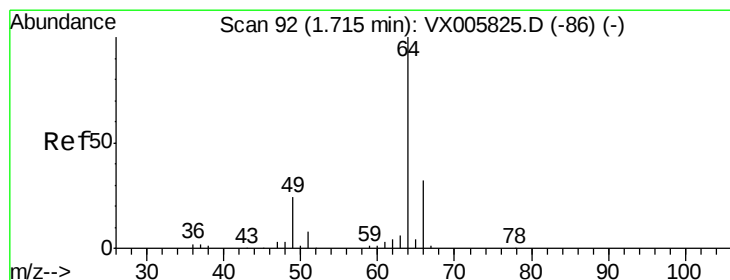
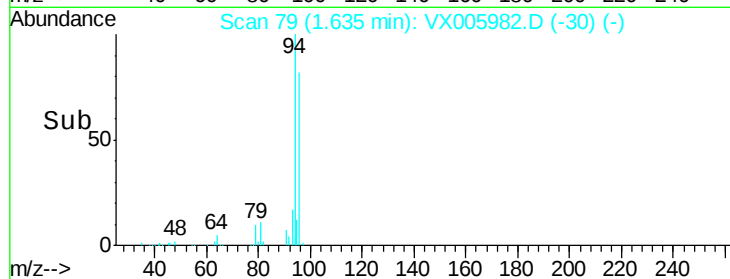
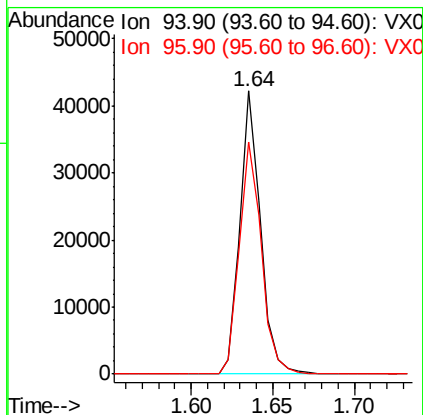
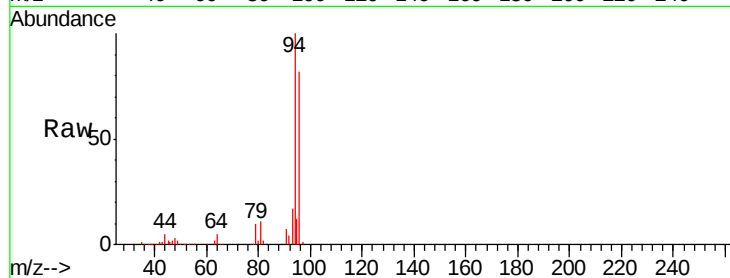
96 82.1 75.2 112.8

Manual Integrations

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#6

Chloroethane

Concen: 50.74 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX005982.D

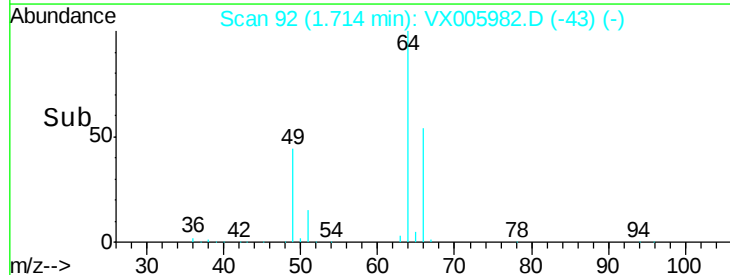
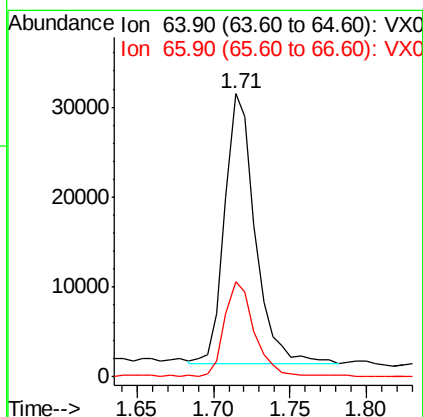
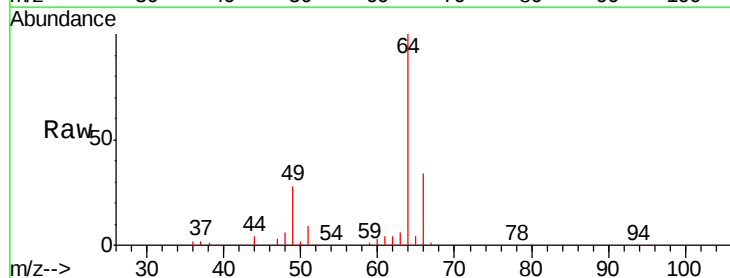
Acq: 14 Nov 2018 18:48

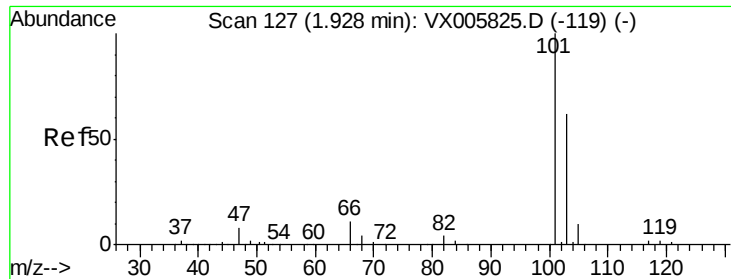
Tgt Ion: 64 Resp: 41027

Ion Ratio Lower Upper

64 100

66 34.8 25.8 38.6





#7

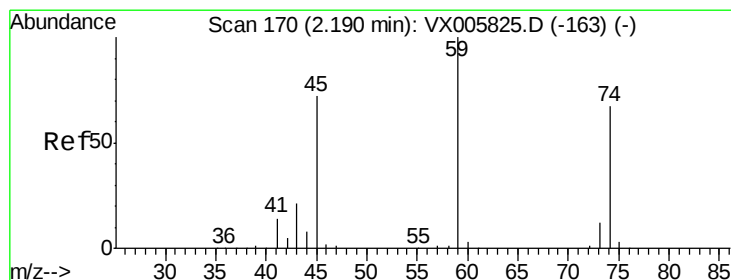
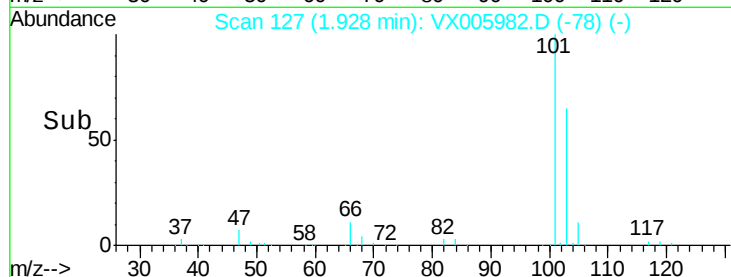
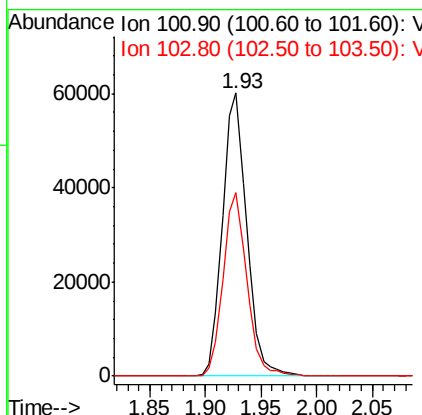
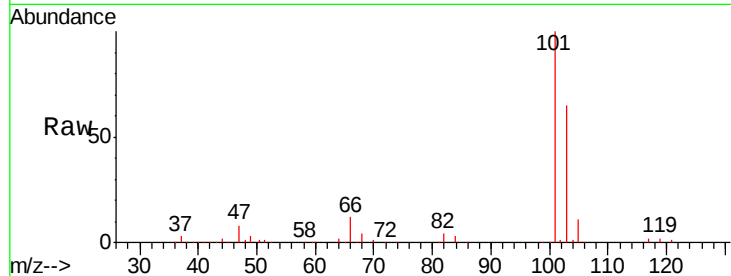
Trichlorofluoromethane
Concen: 50.48 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX005982.D
Acq: 14 Nov 2018 18:48

Instrument :
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ClientSampleId :
S36-0144MS

Tgt Ion: 101 Resp: 90797
Ion Ratio Lower Upper
101 100
103 64.6 50.0 75.0

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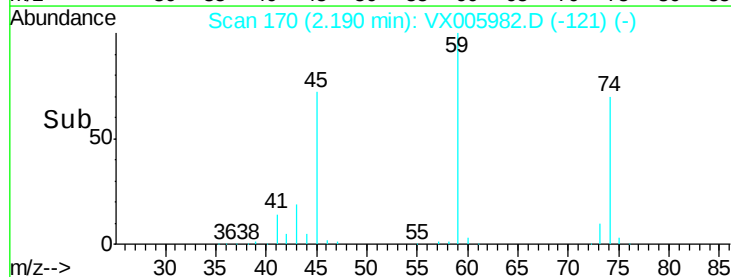
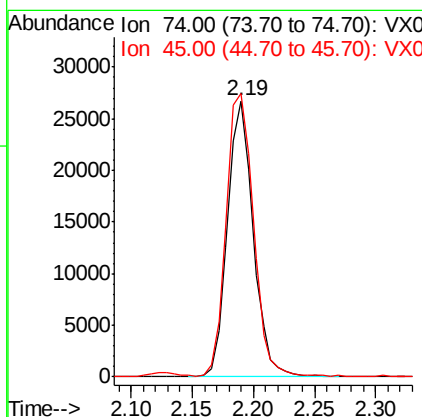
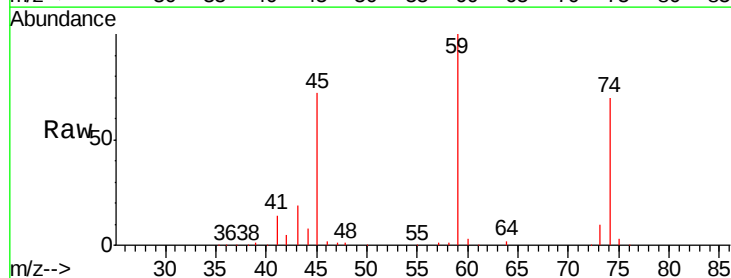
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11/15/2018 1:05:23 PM

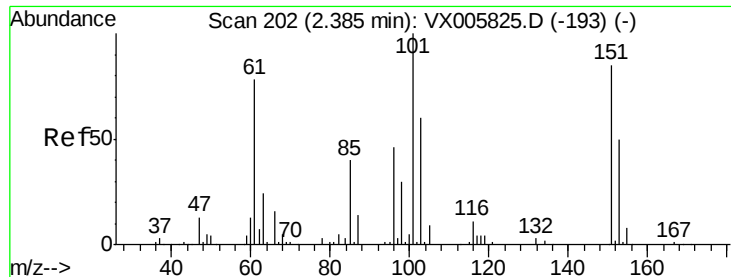


#8

Diethyl Ether
Concen: 55.21 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX005982.D
Acq: 14 Nov 2018 18:48

Tgt Ion: 74 Resp: 38912
Ion Ratio Lower Upper
74 100
45 107.8 54.1 162.3





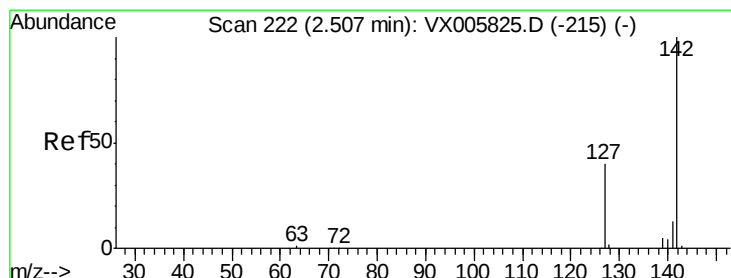
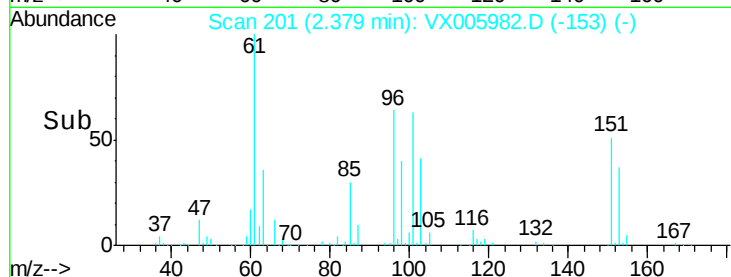
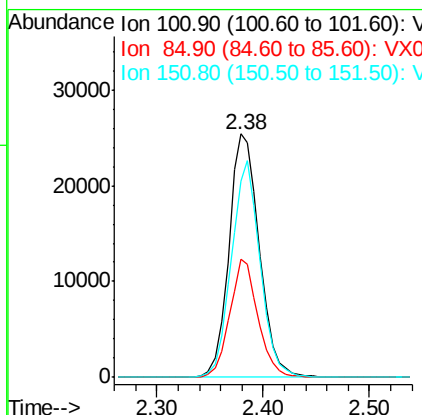
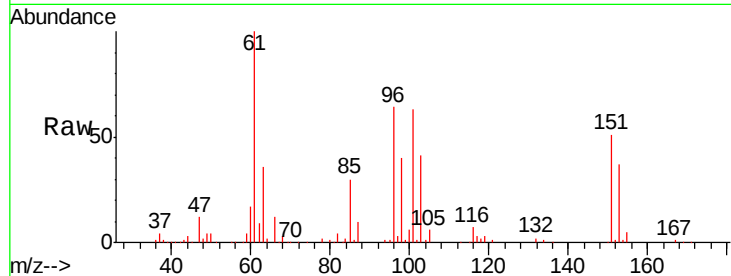
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 48.90 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. -0.01 min
 Lab File: VX005982.D
 Acq: 14 Nov 2018 18:48

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0144MS

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	50594		
85	45.3	35.0	52.4	
151	84.8	66.2	99.2	

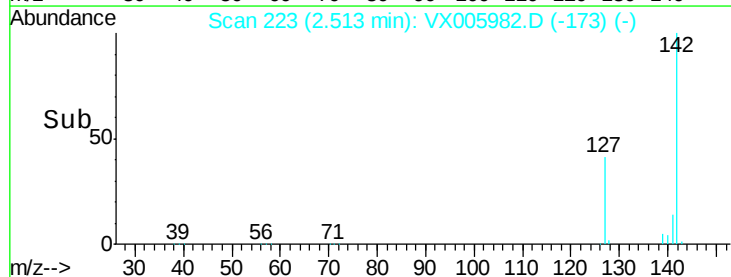
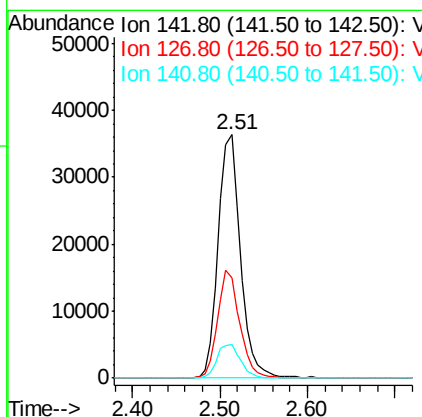
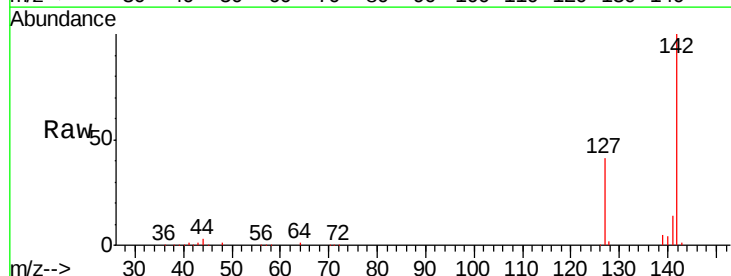
Manual Integrations
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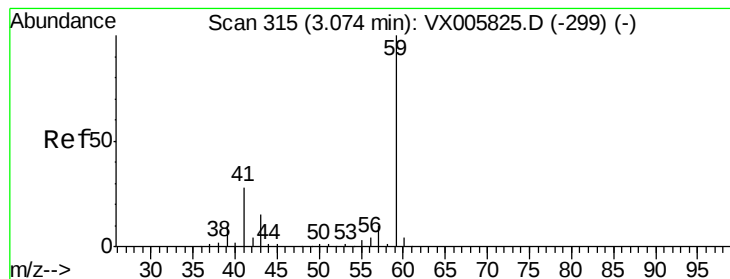
MMDadoda
 11/15/2018 1:05:23 PM



#10
 Methyl Iodide
 Concen: 51.44 ug/l
 RT: 2.51 min Scan# 223
 Delta R.T. 0.01 min
 Lab File: VX005982.D
 Acq: 14 Nov 2018 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	64503		
127	43.4	36.0	54.0	
141	14.6	11.7	17.5	





#11

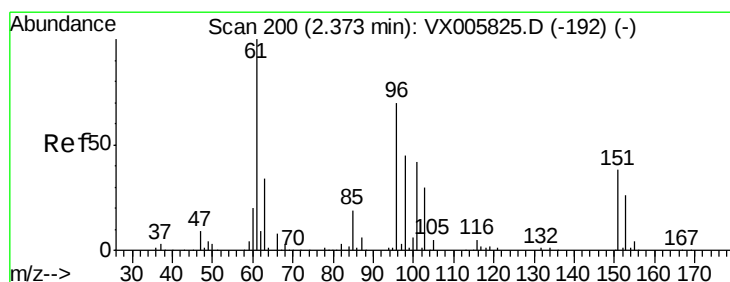
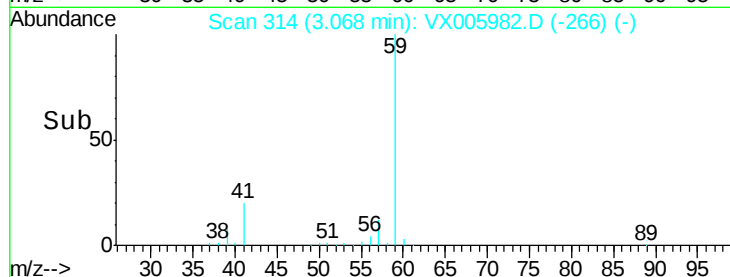
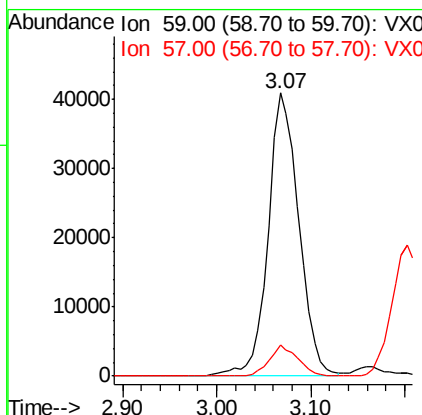
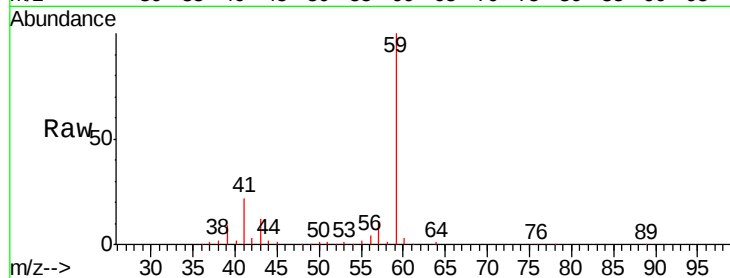
Tert butyl alcohol
Concen: 248.33 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX005982.D
Acq: 14 Nov 2018 18:48

Instrument :
MSVOA_X
ClientSampleId :
S36-0144MS

Tgt Ion: 59 Resp: 93300
Ion Ratio Lower Upper
59 100
57 10.2 8.5 12.7

Manual Integrations
APPROVED

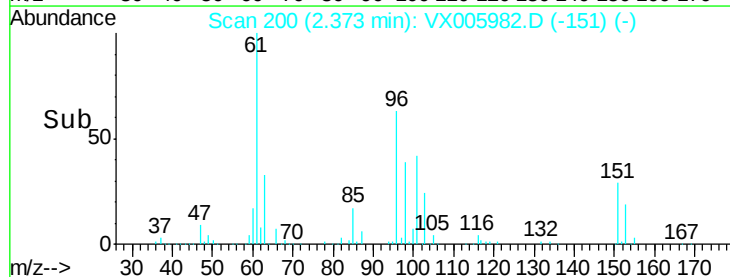
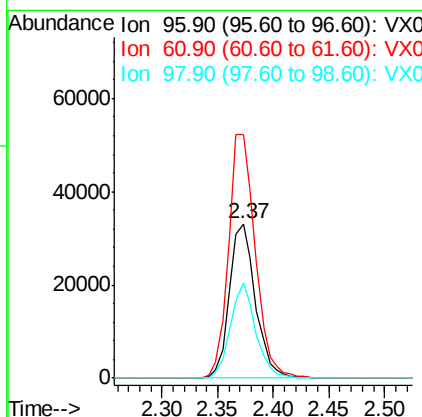
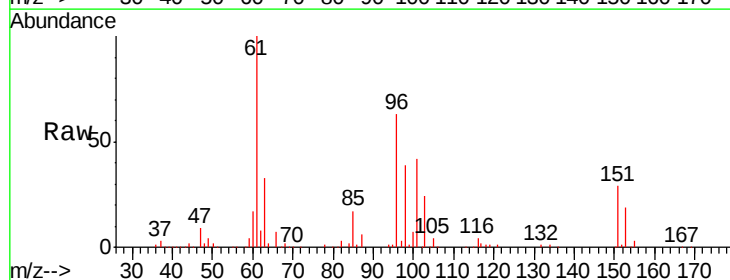
MMDadoda
11/15/2018 1:05:23 PM

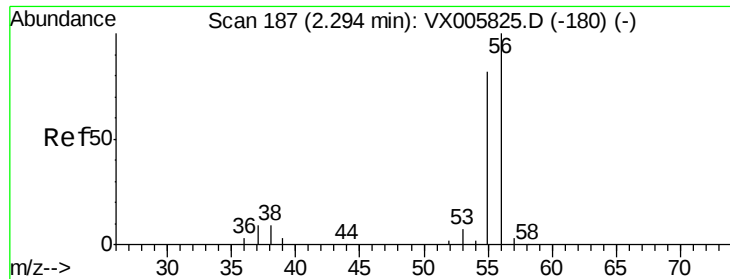


#12

1,1-Dichloroethene
Concen: 53.14 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX005982.D
Acq: 14 Nov 2018 18:48

Tgt Ion: 96 Resp: 53589
Ion Ratio Lower Upper
96 100
61 157.7 131.8 197.8
98 61.6 53.4 80.2





#13

Acrolein

Concen: 339.67 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005982.D

Acq: 14 Nov 2018 18:48

Instrument :

MSVOA_X

ClientSampleId :

S36-0144MS

Tgt Ion: 56 Resp: 62184

Ion Ratio Lower Upper

56 100

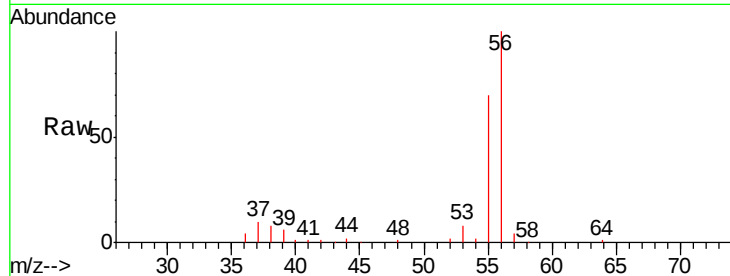
55 72.4 57.3 85.9

Manual Integrations

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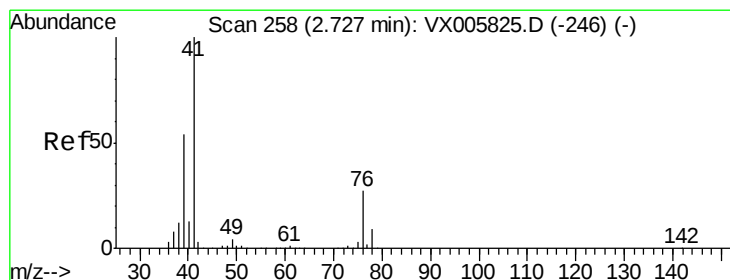
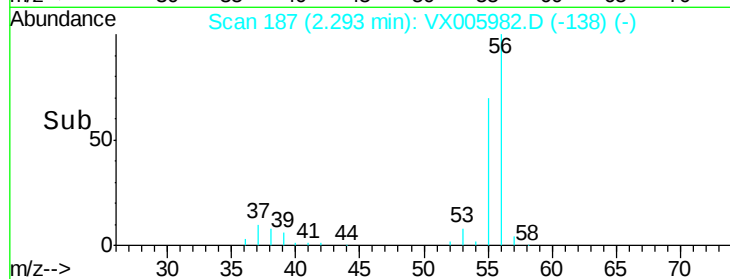
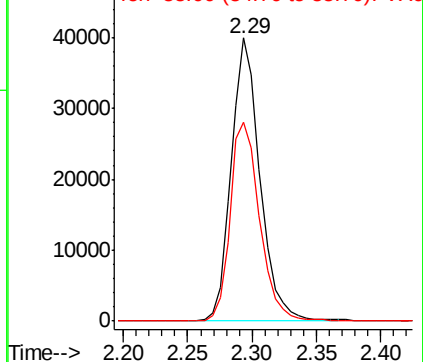
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 48.06 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX005982.D

Acq: 14 Nov 2018 18:48

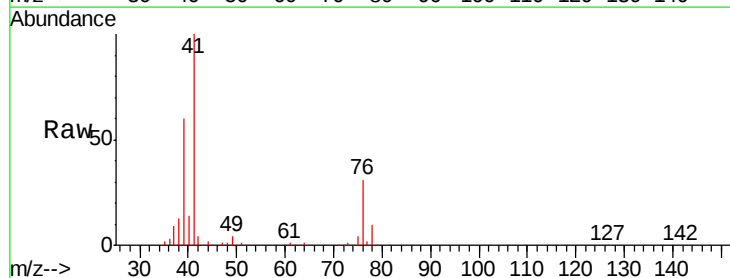
Tgt Ion: 41 Resp: 108229

Ion Ratio Lower Upper

41 100

39 60.1 48.2 72.4

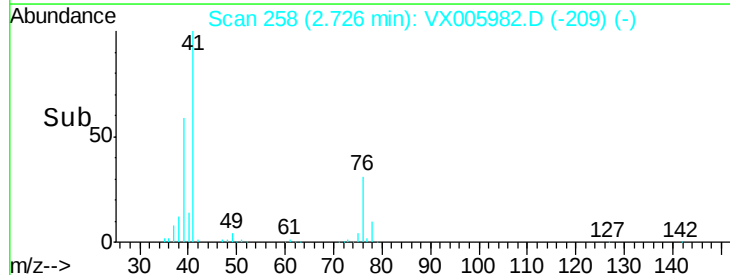
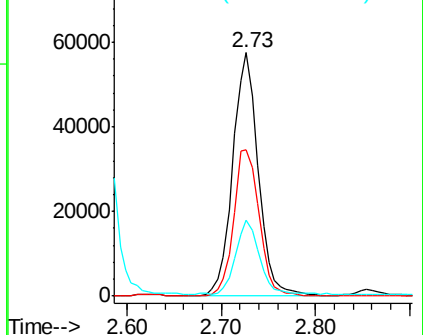
76 29.0 21.9 32.9

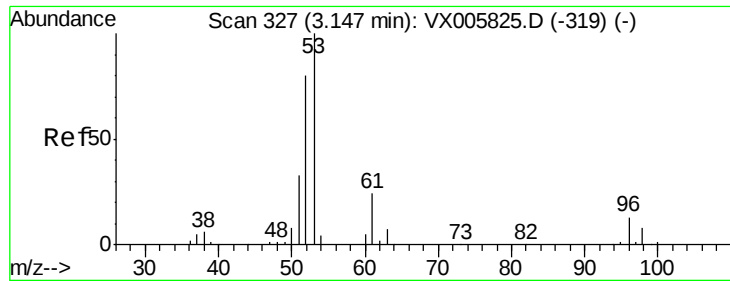


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





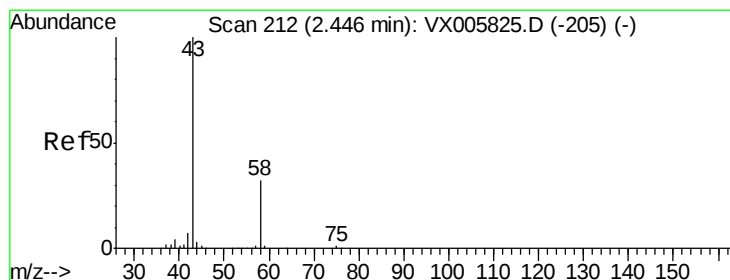
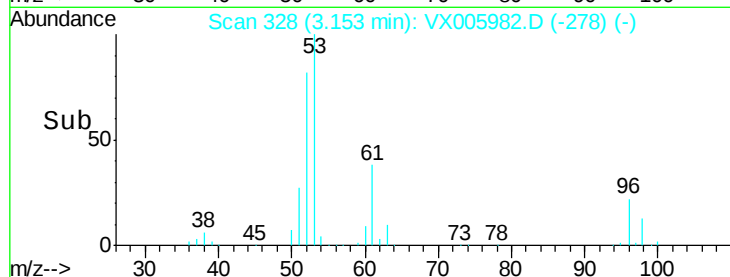
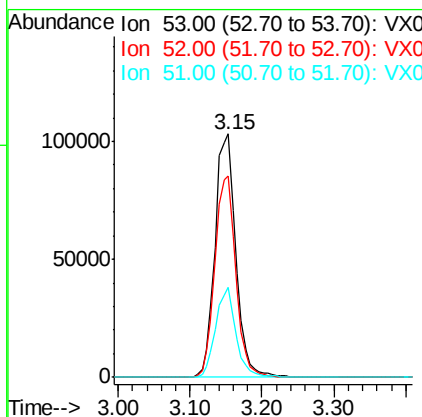
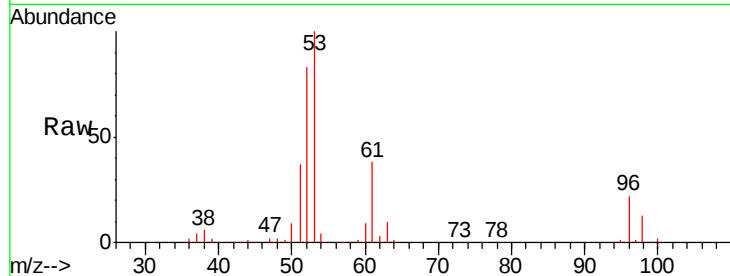
#15
 Acrylonitrile
 Concen: 265.47 ug/l
 RT: 3.15 min Scan# 328
 Delta R.T. 0.01 min
 Lab File: VX005982.D
 Acq: 14 Nov 2018 18:48

Instrument :
 MSVOA_X
 ClientSampled :
 S36-0144MS

Tgt Ion	Ratio	Lower	Upper
53	100		
52	83.5	66.6	99.8
51	36.2	28.4	42.6

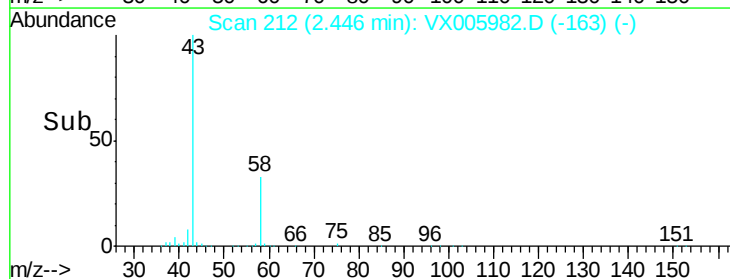
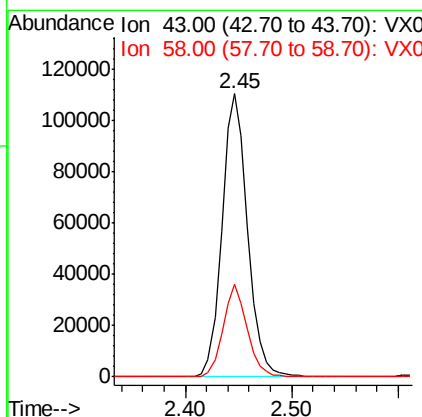
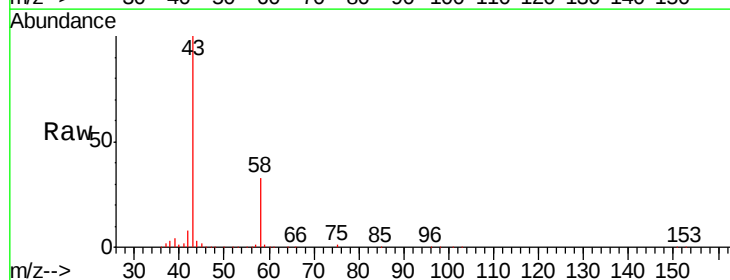
Manual Integrations
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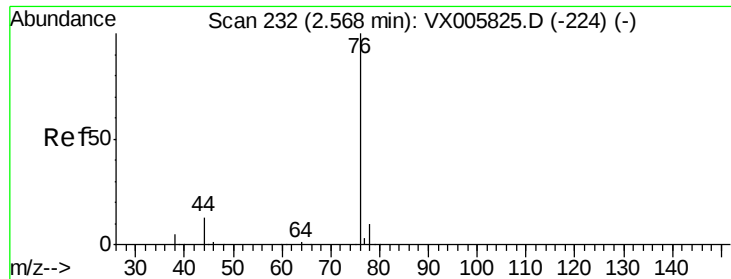
MMDadoda
 11/15/2018 1:05:23 PM



#16
 Acetone
 Concen: 259.32 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX005982.D
 Acq: 14 Nov 2018 18:48

Tgt Ion	Ratio	Lower	Upper
43	100		
58	32.8	23.8	35.6





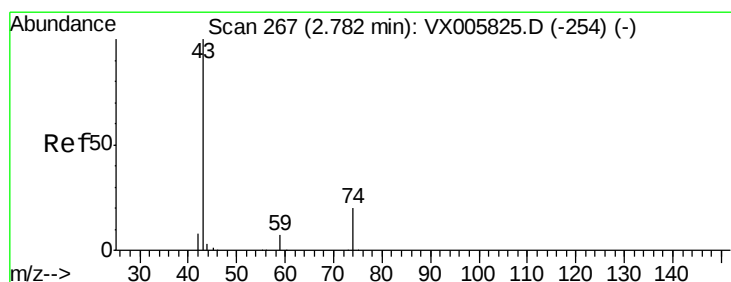
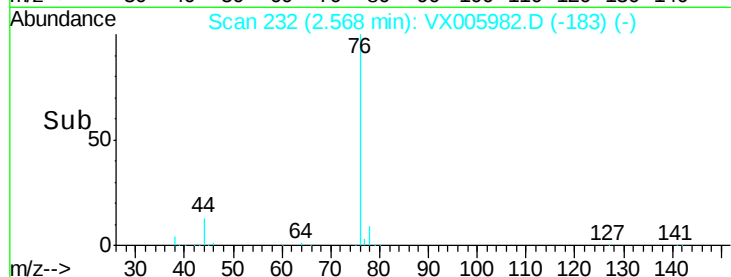
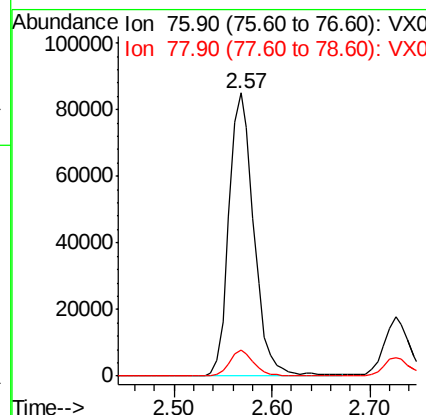
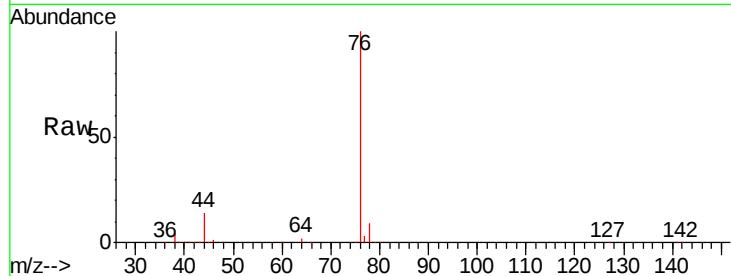
#17
Carbon Disulfide
Concen: 50.09 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX005982.D
Acq: 14 Nov 2018 18:48

Instrument :
MSVOA_X
ClientSampleId :
S36-0144MS

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.3	10.9

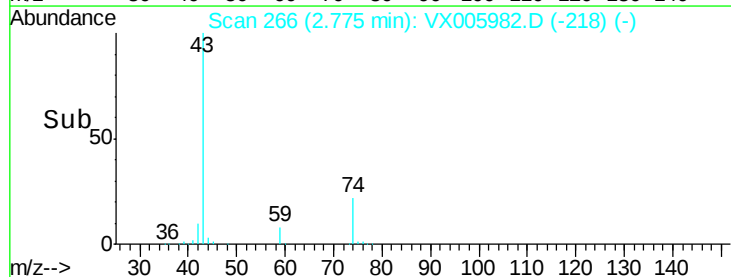
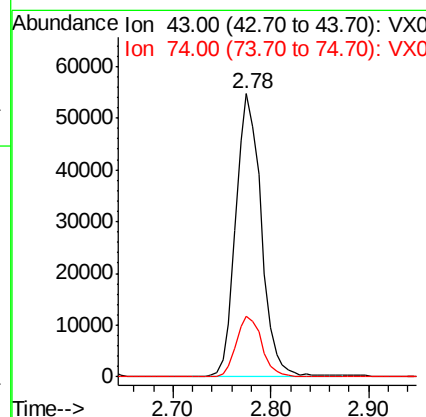
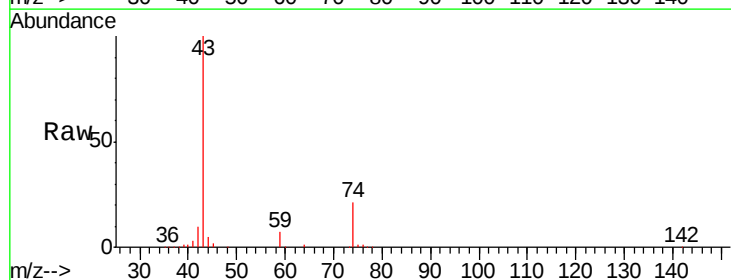
Manual Integrations
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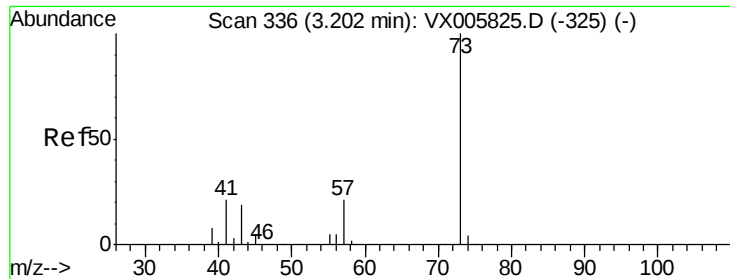
MMDadoda
11/15/2018 1:05:23 PM



#18
Methyl Acetate
Concen: 52.18 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005982.D
Acq: 14 Nov 2018 18:48

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.9	16.8	25.2





#19

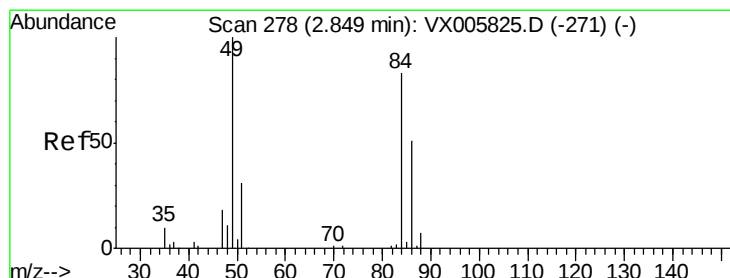
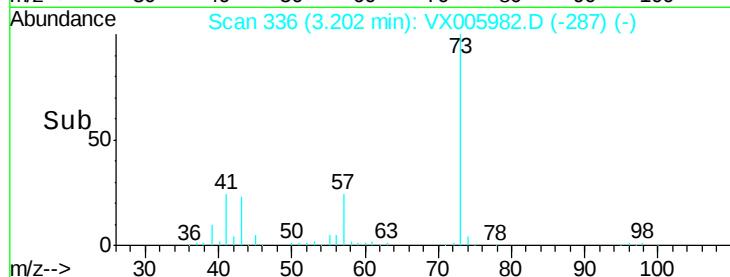
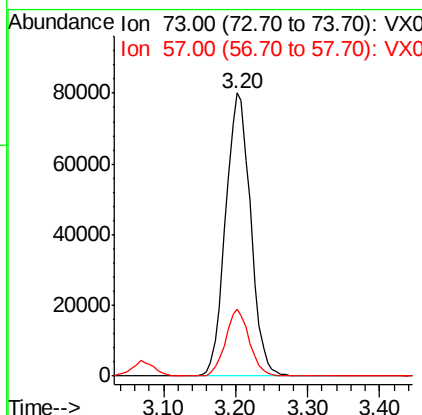
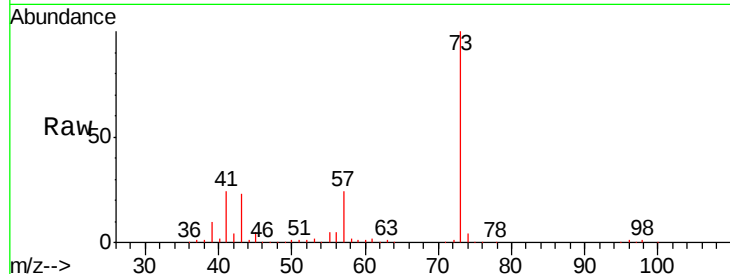
Methyl tert-butyl Ether
 Concen: 56.24 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX005982.D
 Acq: 14 Nov 2018 18:48

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0144MS

Tgt Ion: 73 Resp: 193545
 Ion Ratio Lower Upper
 73 100
 57 23.6 18.8 28.2

Manual Integrations
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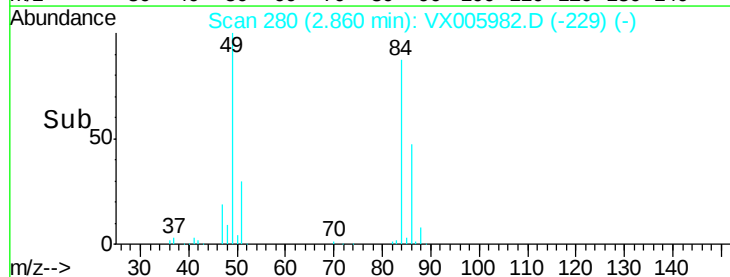
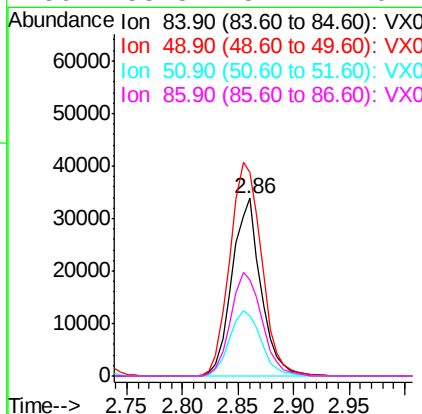
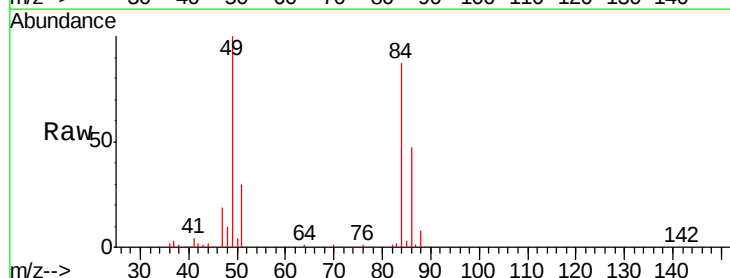
MMDadoda
 11/15/2018 1:05:23 PM

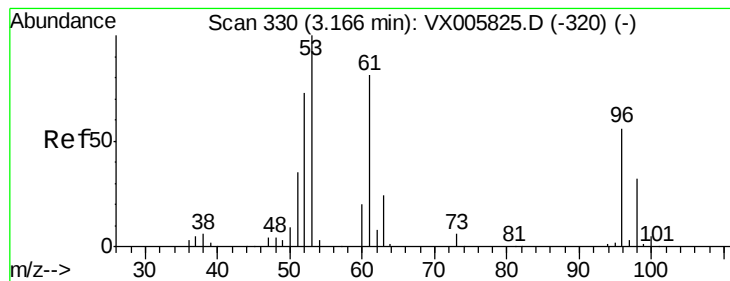


#20

Methylene Chloride
 Concen: 52.36 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.01 min
 Lab File: VX005982.D
 Acq: 14 Nov 2018 18:48

Tgt Ion: 84 Resp: 60738
 Ion Ratio Lower Upper
 84 100
 49 114.6 109.5 164.3
 51 33.9 33.3 49.9
 86 53.8 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 53.96 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX005982.D

Acq: 14 Nov 2018 18:48

Instrument :

MSVOA_X

ClientSampleId :

S36-0144MS

Tgt Ion: 96 Resp: 57387

Ion Ratio Lower Upper

96 100

61 145.7 115.6 173.4

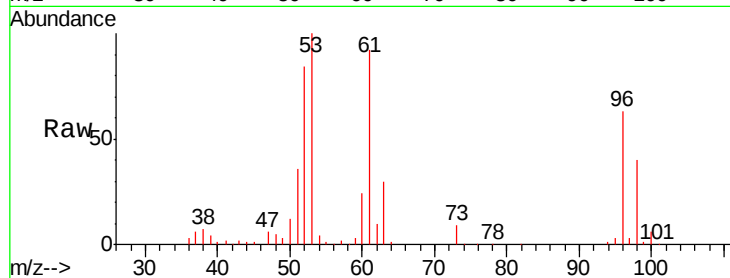
98 62.9 50.2 75.2

Manual Integrations

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MMDadoda

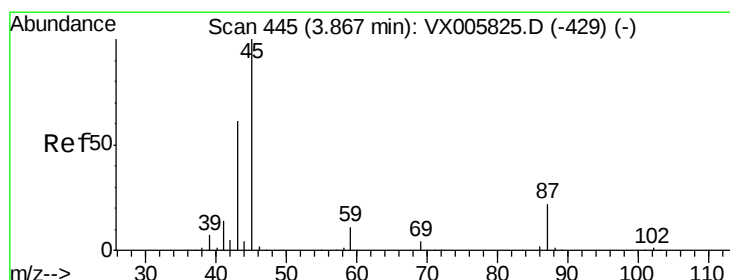
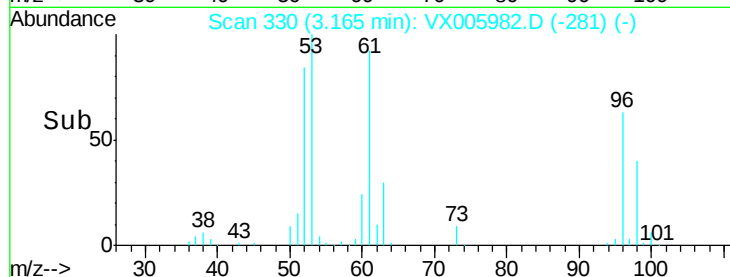
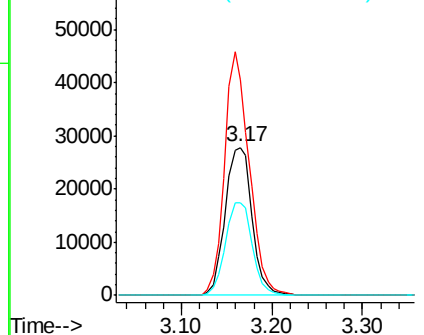
11/15/2018 1:05:23 PM



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 53.49 ug/l

RT: 3.88 min Scan# 447

Delta R.T. 0.01 min

Lab File: VX005982.D

Acq: 14 Nov 2018 18:48

Tgt Ion: 45 Resp: 211015

Ion Ratio Lower Upper

45 100

43 46.5 47.4 71.2#

87 24.2 15.9 23.9#

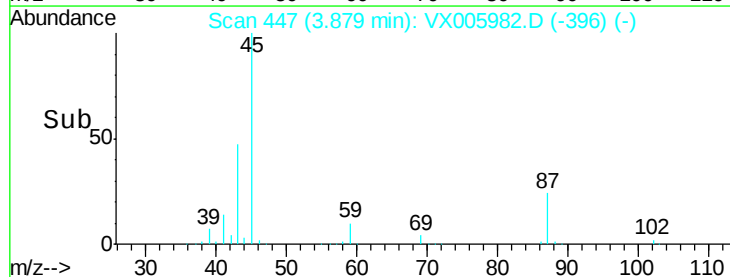
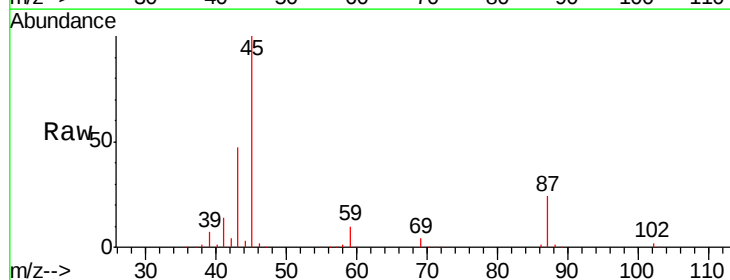
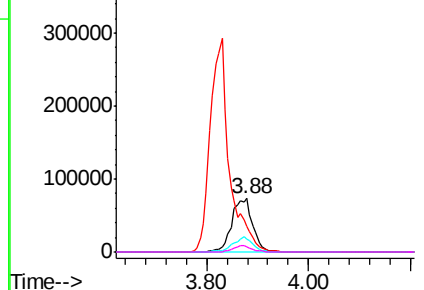
59 10.4 7.7 11.5

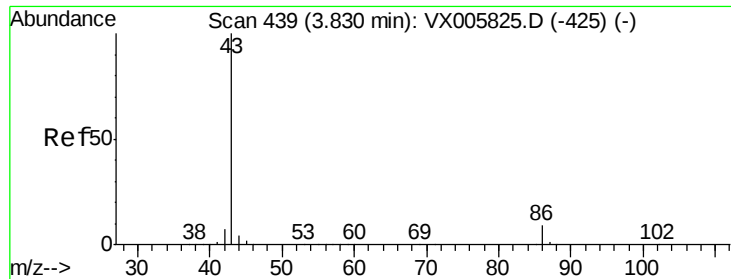
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 227.00 ug/l

RT: 3.83 min Scan# 439

Delta R.T. -0.00 min

Lab File: VX005982.D

Acq: 14 Nov 2018 18:48

Instrument :

MSVOA_X

ClientSampleId :

S36-0144MS

Tgt Ion: 43 Resp: 767866

Ion Ratio Lower Upper

43 100

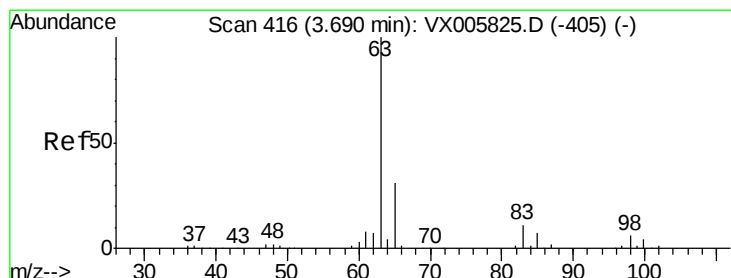
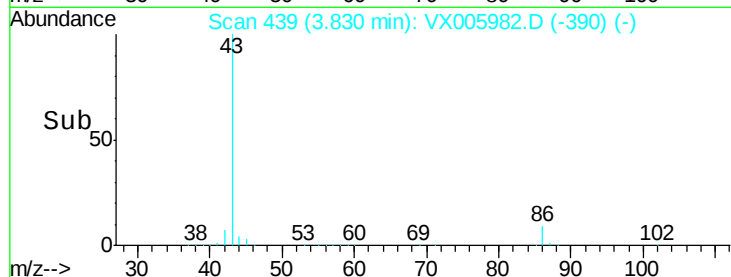
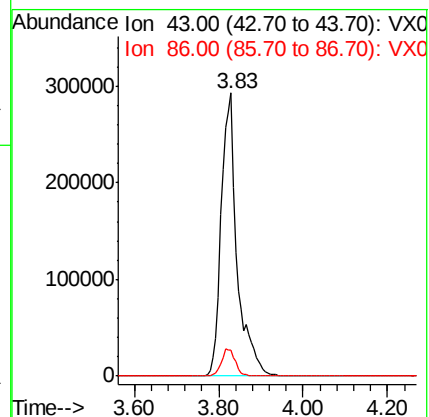
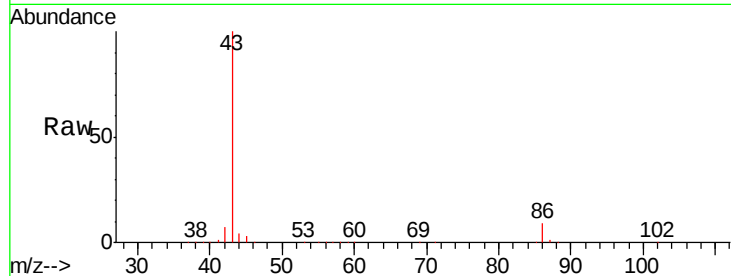
86 9.2 7.4 11.2

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 51.63 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005982.D

Acq: 14 Nov 2018 18:48

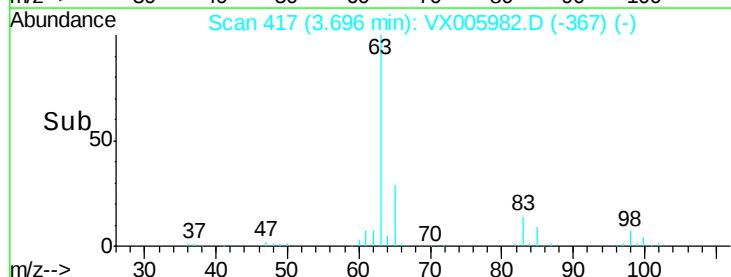
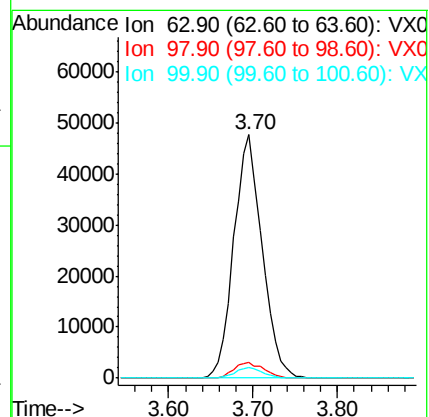
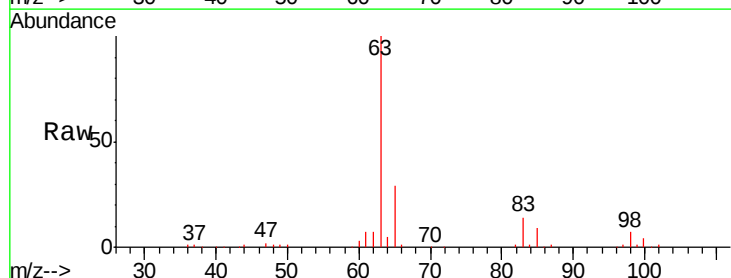
Tgt Ion: 63 Resp: 108680

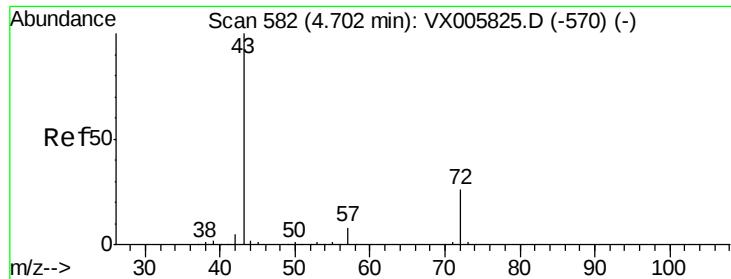
Ion Ratio Lower Upper

63 100

98 6.6 3.2 9.6

100 4.4 2.1 6.2





#25

2-Butanone

Concen: 260.00 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX005982.D

Acq: 14 Nov 2018 18:48

Instrument :

MSVOA_X

ClientSampled :

S36-0144MS

Tgt Ion: 43 Resp: 288656

Ion Ratio Lower Upper

43 100

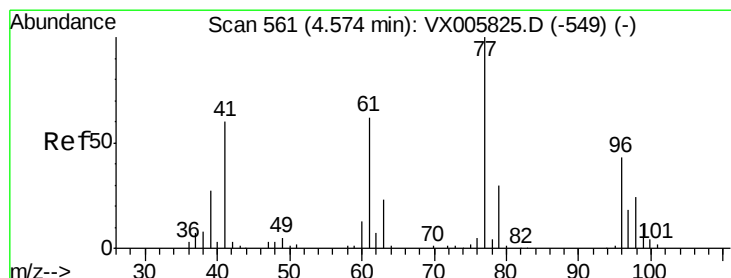
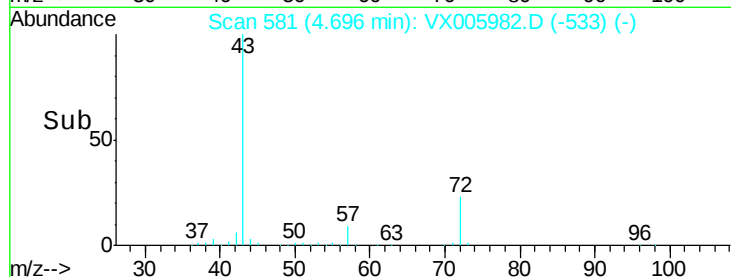
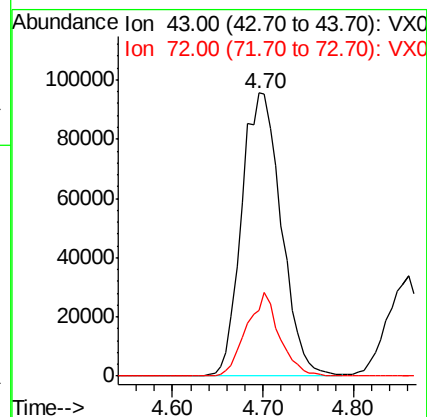
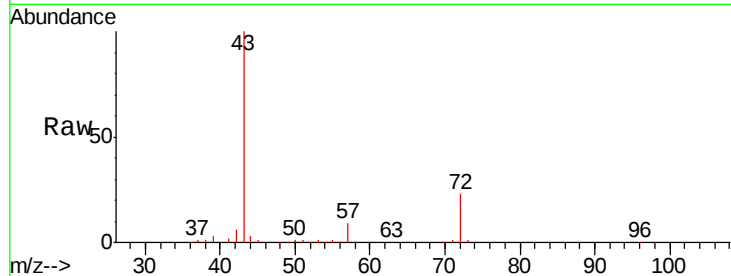
72 23.2 19.2 28.8

Manual Integrations

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MMDadoda

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#26

2,2-Dichloropropane

Concen: 31.10 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.00 min

Lab File: VX005982.D

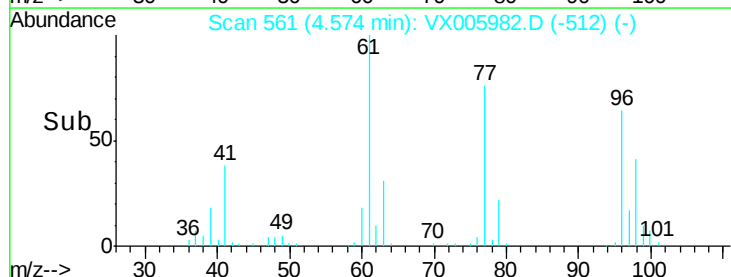
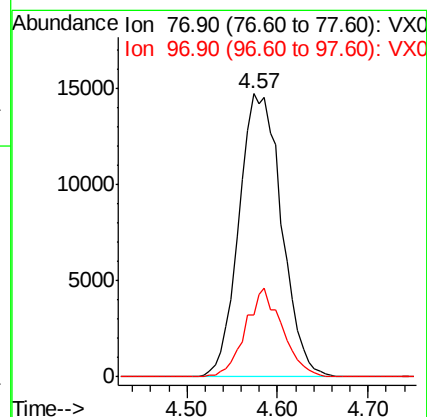
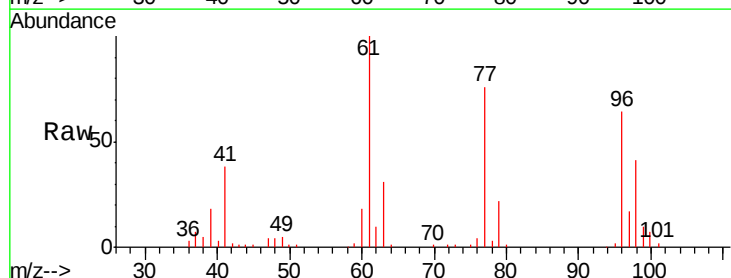
Acq: 14 Nov 2018 18:48

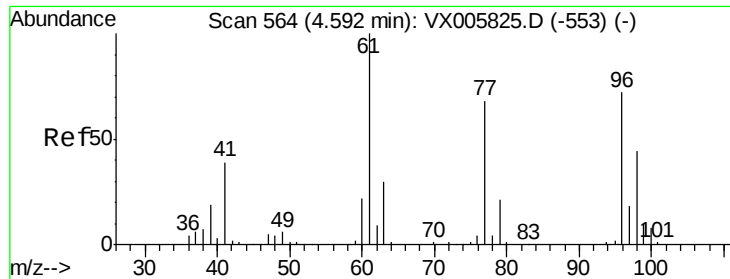
Tgt Ion: 77 Resp: 48026

Ion Ratio Lower Upper

77 100

97 27.0 11.5 34.5





#27

cis-1,2-Dichloroethene

Concen: 69.09 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.01 min

Lab File: VX005982.D

Acq: 14 Nov 2018 18:48

Instrument :

MSVOA_X

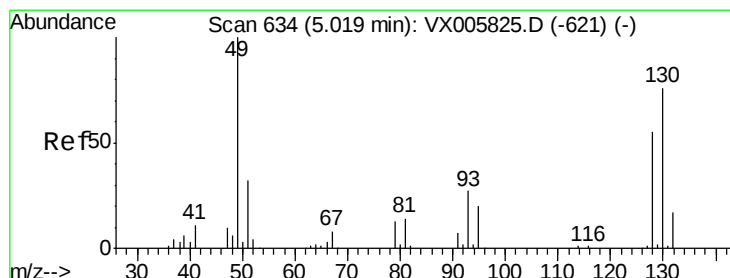
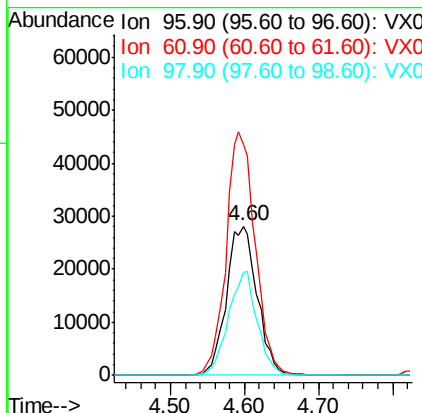
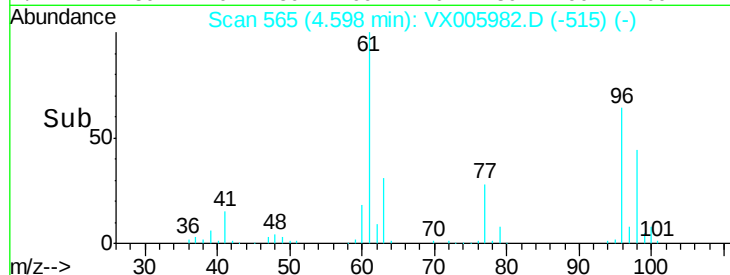
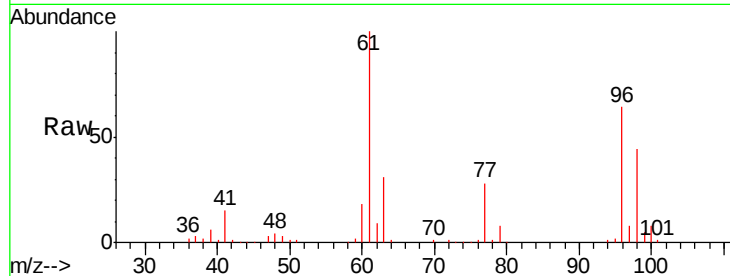
ClientSampleId :

S36-0144MS

Tgt Ion:	96	Resp:	81136
Ion	Ratio	Lower	Upper
96	100		
61	155.1	0.0	304.6
98	65.1	0.0	127.4

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#28

Bromochloromethane

Concen: 59.60 ug/l

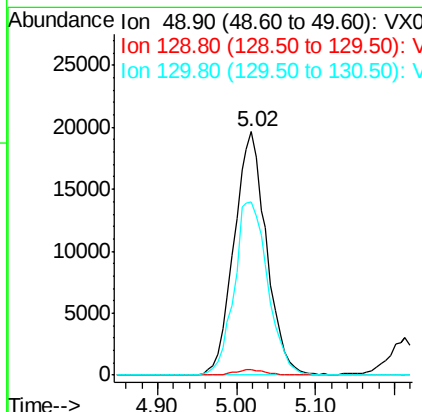
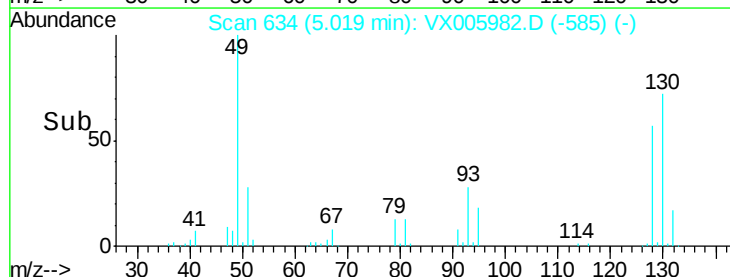
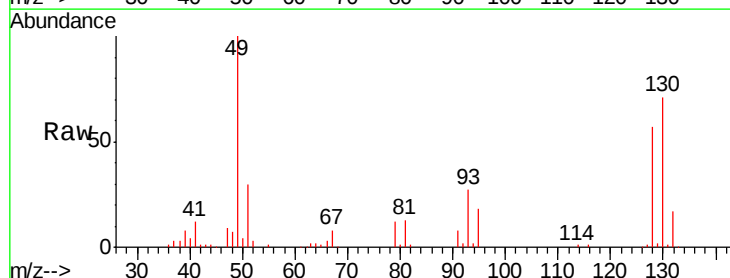
RT: 5.02 min Scan# 634

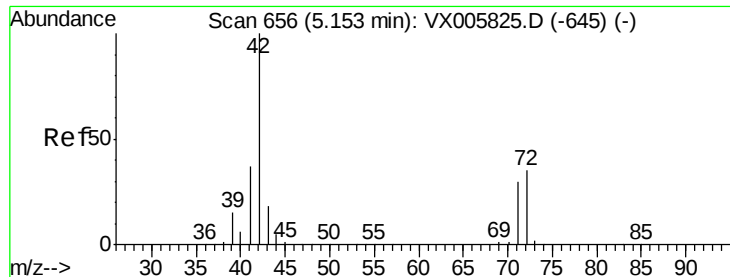
Delta R.T. -0.00 min

Lab File: VX005982.D

Acq: 14 Nov 2018 18:48

Tgt Ion:	49	Resp:	56065
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	74.0	58.9	88.3





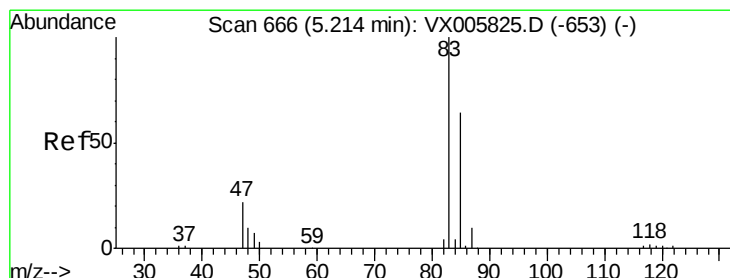
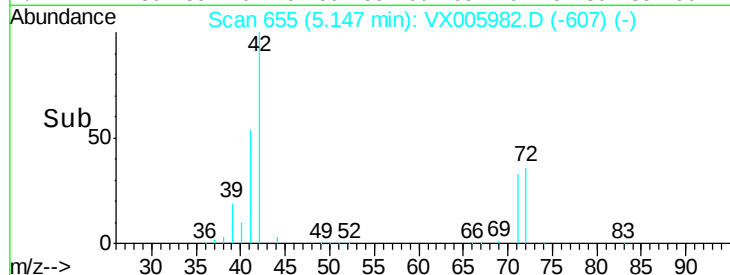
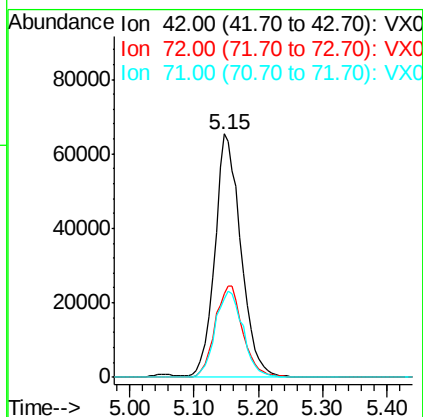
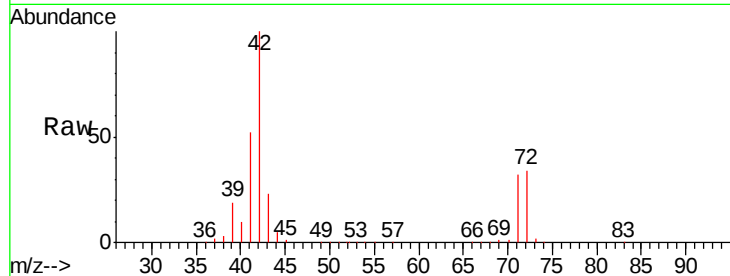
#29
Tetrahydrofuran
Concen: 260.57 ug/l
RT: 5.15 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX005982.D
Acq: 14 Nov 2018 18:48

Instrument :
MSVOA_X
ClientSampleId :
S36-0144MS

Tgt Ion	Ratio	Lower	Upper
42	100		
72	40.1	32.0	48.0
71	37.8	29.8	44.8

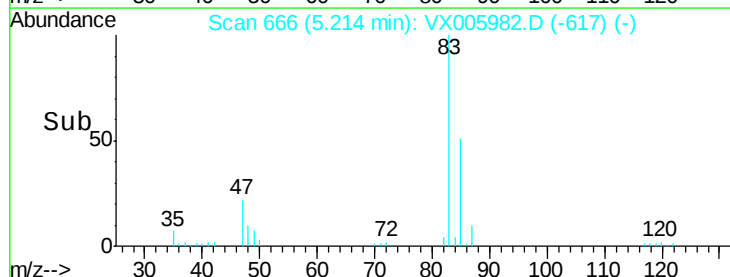
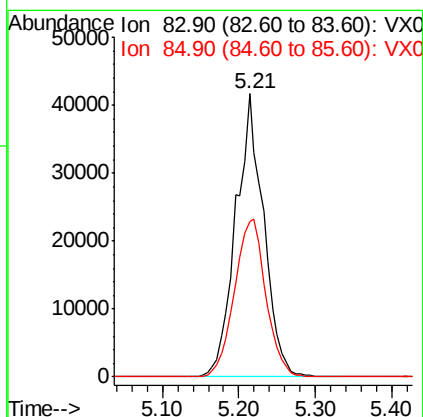
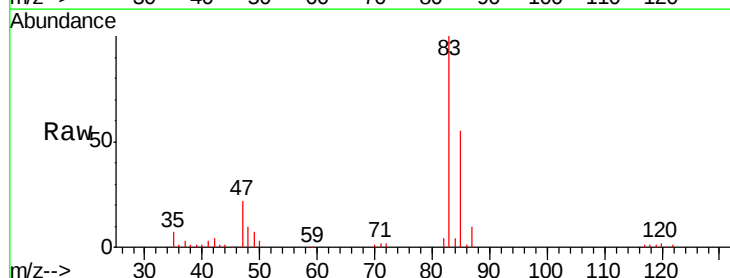
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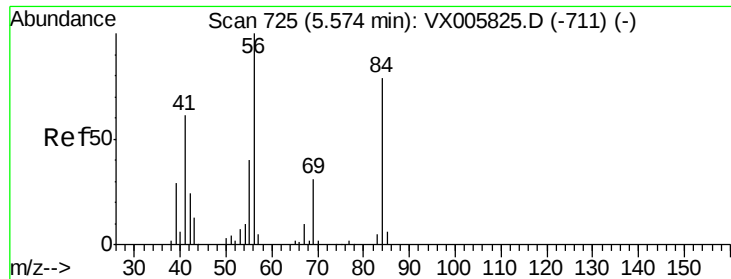
MMDadoda
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#30
Chloroform
Concen: 52.06 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX005982.D
Acq: 14 Nov 2018 18:48

Tgt Ion	Ratio	Lower	Upper
83	100		
85	55.0	50.6	76.0





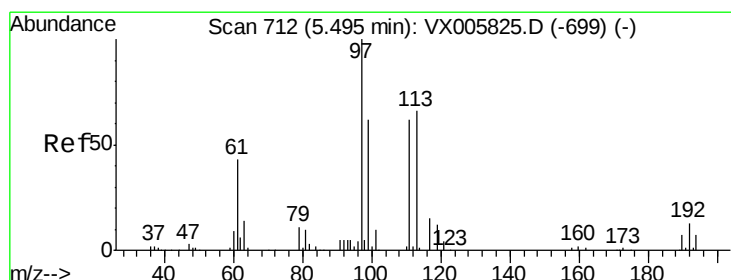
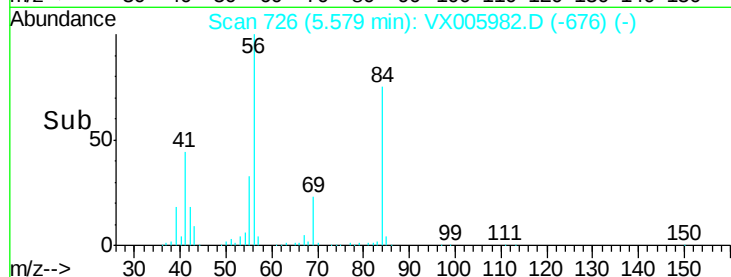
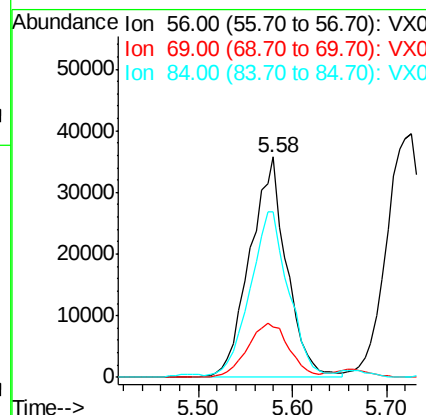
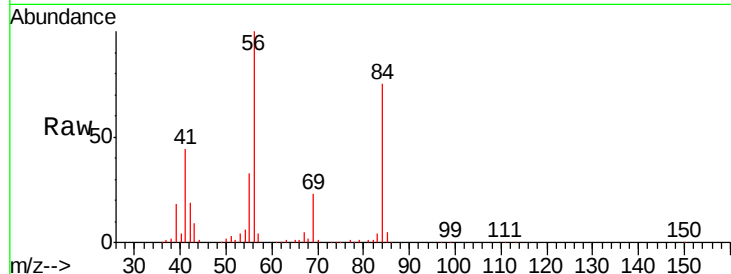
#31
Cyclohexane
Concen: 53.16 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX005982.D
Acq: 14 Nov 2018 18:48

Instrument :
MSVOA_X
ClientSampleId :
S36-0144MS

Tgt Ion	Ratio	Lower	Upper
56	100		
69	22.9	22.6	34.0
84	74.0	62.7	94.1

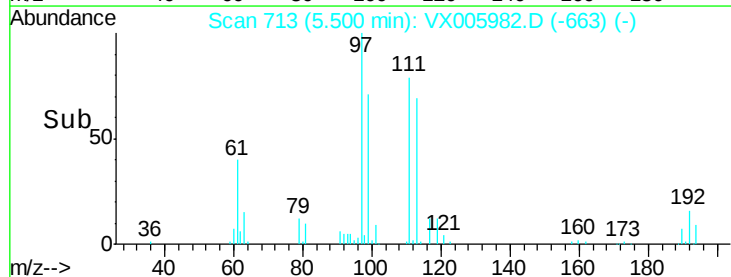
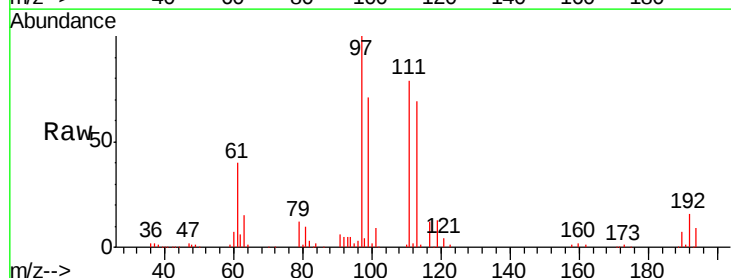
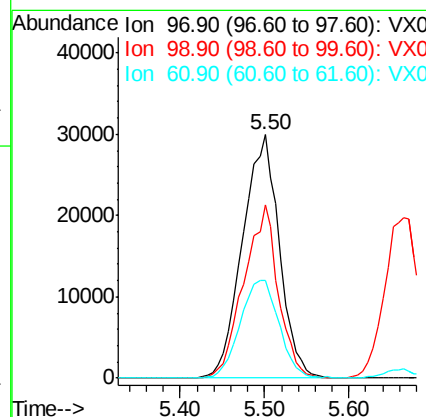
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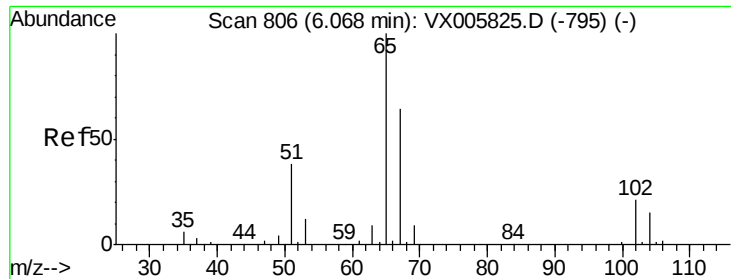
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#32
1,1,1-Trichloroethane
Concen: 52.24 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX005982.D
Acq: 14 Nov 2018 18:48

Tgt Ion	Ratio	Lower	Upper
97	100		
99	66.6	52.3	78.5
61	42.6	35.2	52.8





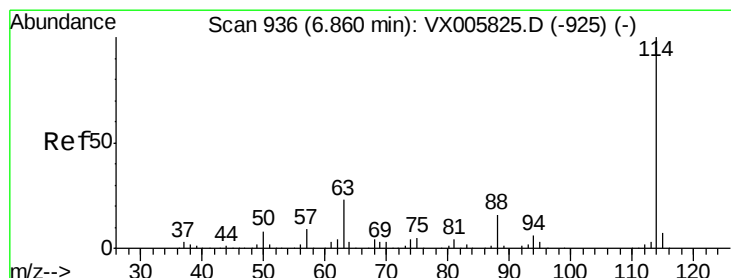
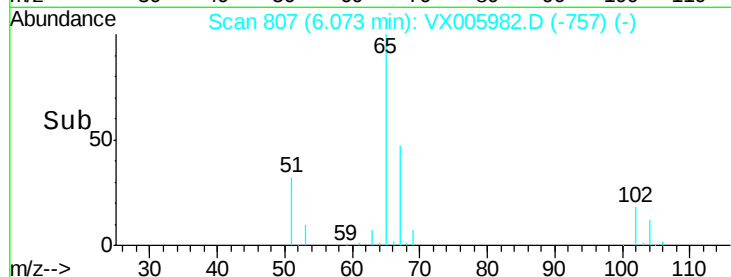
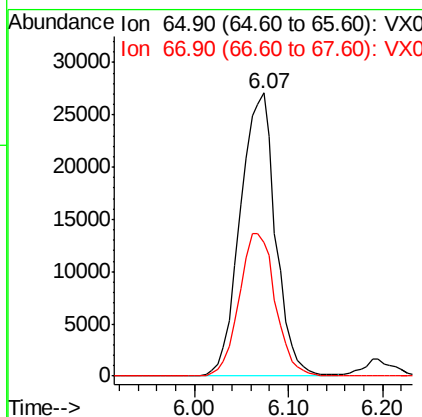
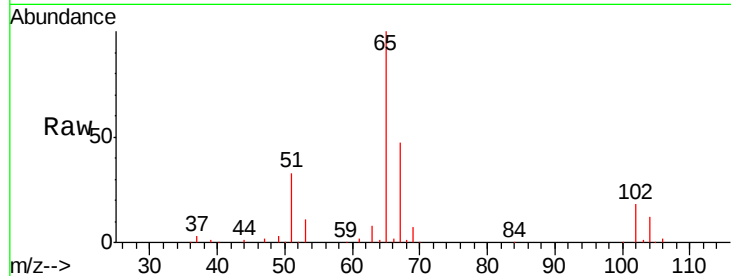
#33
 1,2-Dichloroethane-d4
 Concen: 54.23 ug/l
 RT: 6.07 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX005982.D
 Acq: 14 Nov 2018 18:48

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0144MS

Tgt Ion: 65 Resp: 71130
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 105.0

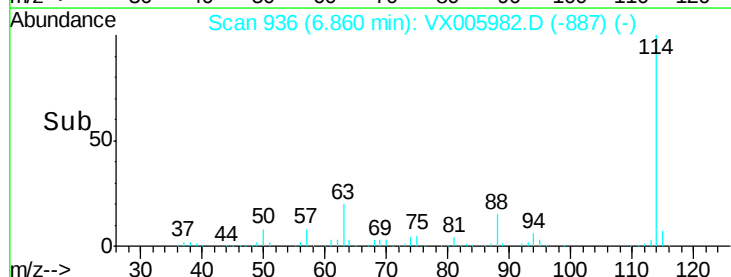
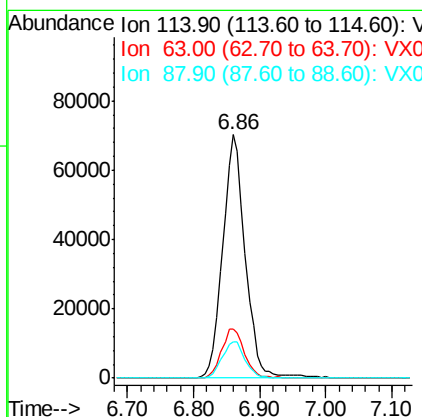
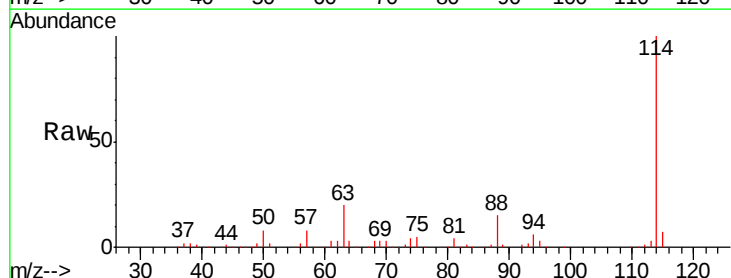
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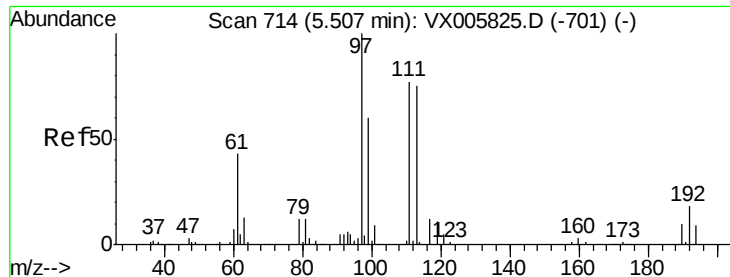
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 11/15/2018 1:05:23 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005982.D
 Acq: 14 Nov 2018 18:48

Tgt Ion: 114 Resp: 166122
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 42.8
 88 15.0 0.0 31.2





#35

Dibromofluoromethane

Concen: 52.53 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX005982.D

Acq: 14 Nov 2018 18:48

Instrument :

MSVOA_X

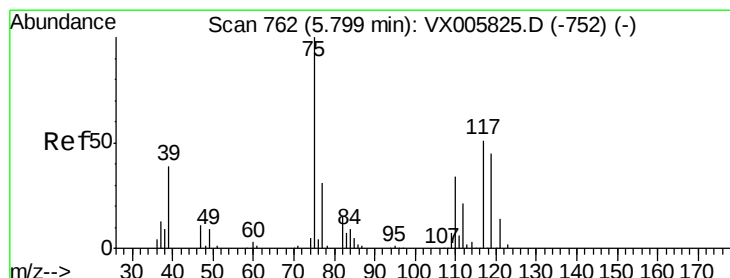
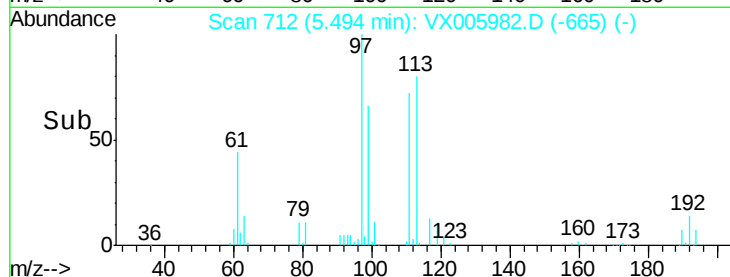
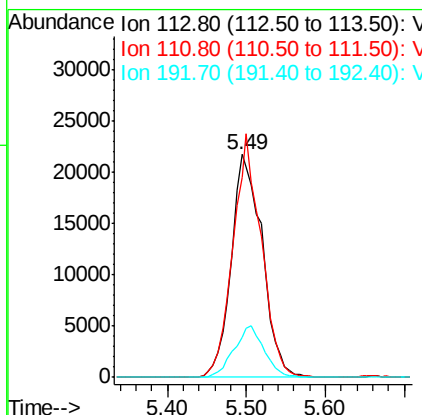
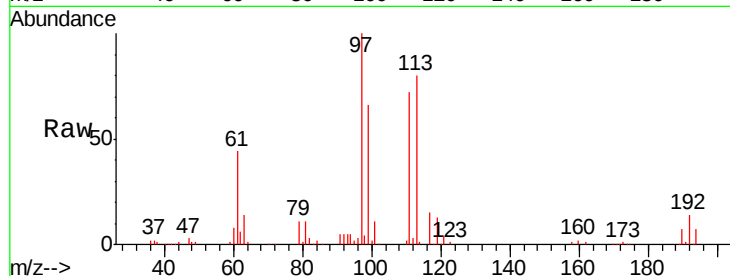
ClientSampleId :

S36-0144MS

Tgt Ion:	113	Resp:	59354
Ion	Ratio	Lower	Upper
113	100		
111	99.8	82.3	123.5
192	22.4	17.9	26.9

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#36

1,1-Dichloropropene

Concen: 46.37 ug/l

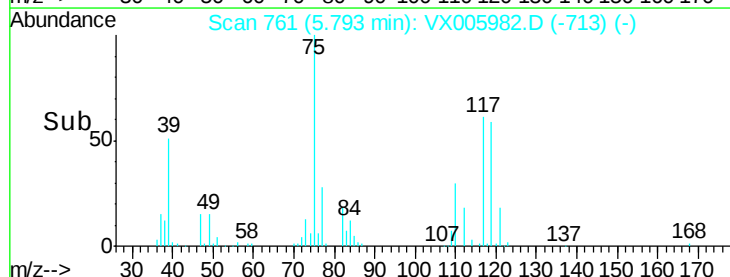
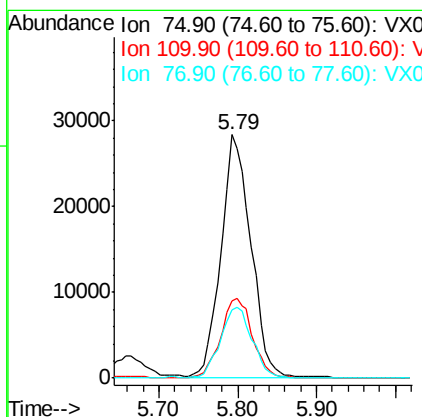
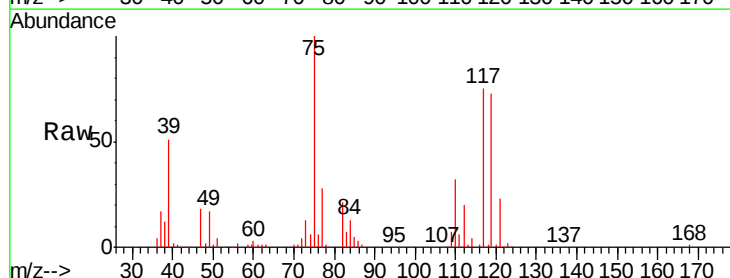
RT: 5.79 min Scan# 761

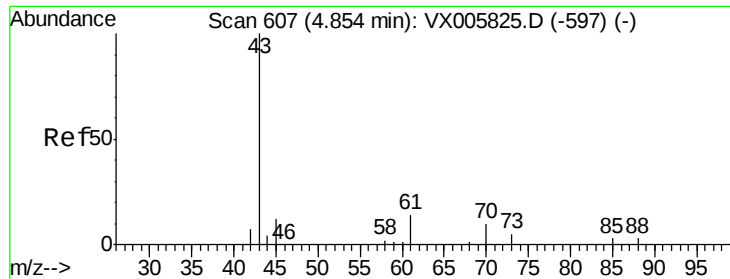
Delta R.T. -0.01 min

Lab File: VX005982.D

Acq: 14 Nov 2018 18:48

Tgt Ion:	75	Resp:	74254
Ion	Ratio	Lower	Upper
75	100		
110	34.8	17.4	52.2
77	30.6	25.8	38.6





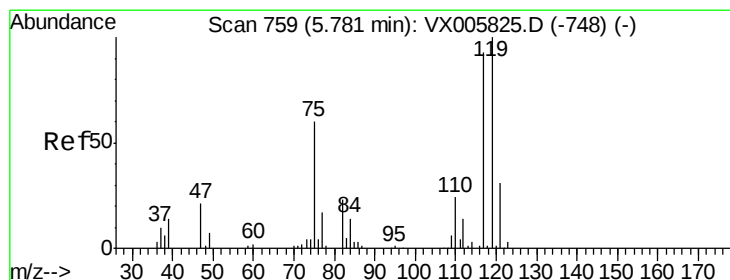
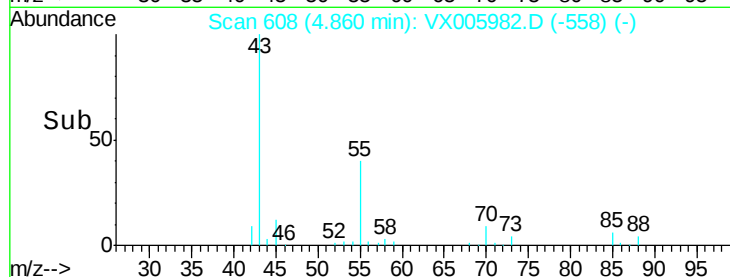
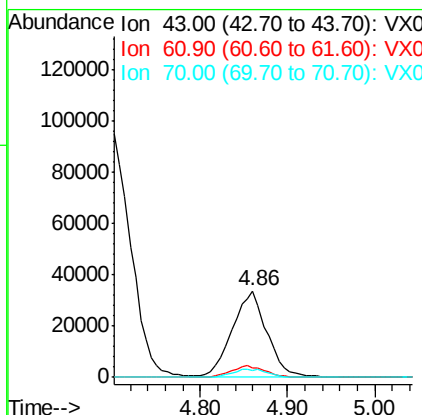
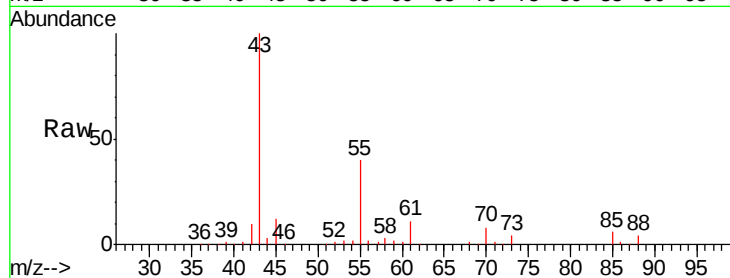
#37
Ethyl Acetate
Concen: 43.77 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX005982.D
Acq: 14 Nov 2018 18:48

Instrument :
MSVOA_X
ClientSampleId :
S36-0144MS

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.8	16.2
70	9.9	7.8	11.8

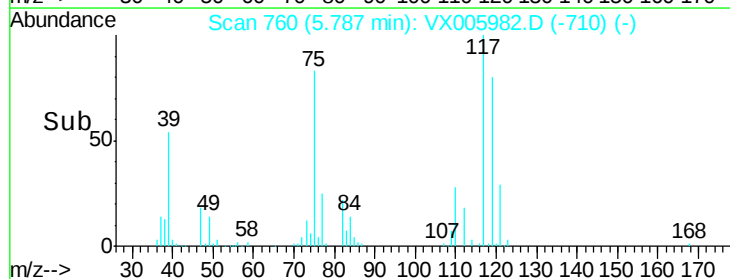
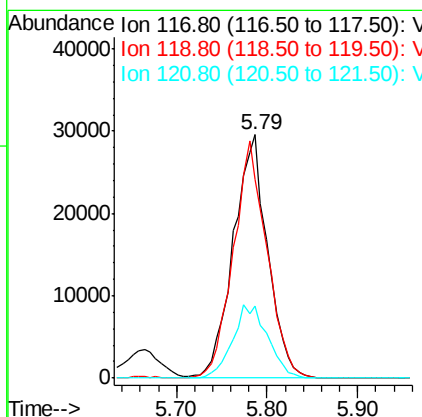
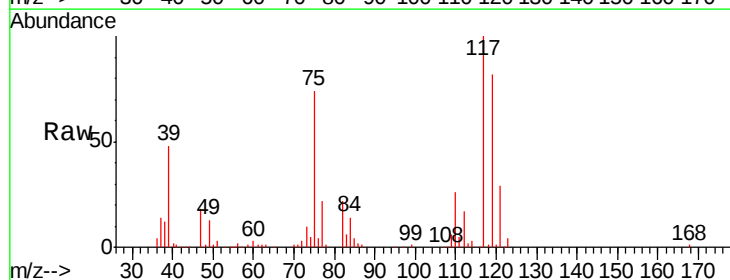
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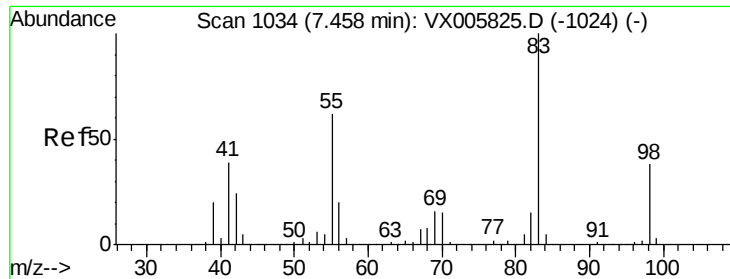
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#38
Carbon Tetrachloride
Concen: 48.66 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX005982.D
Acq: 14 Nov 2018 18:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	81.9	78.1	117.1
121	29.4	24.6	36.8





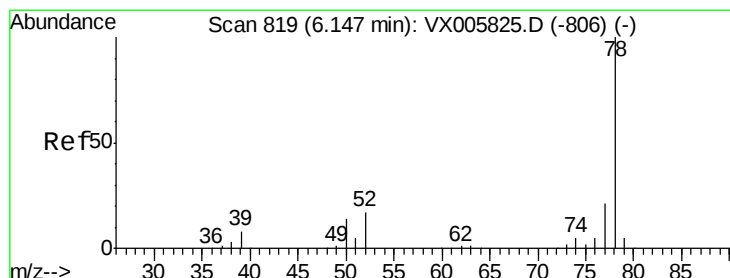
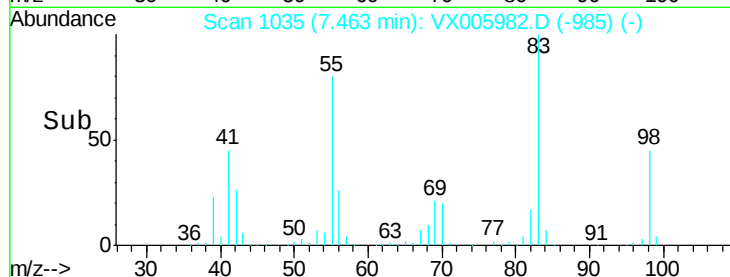
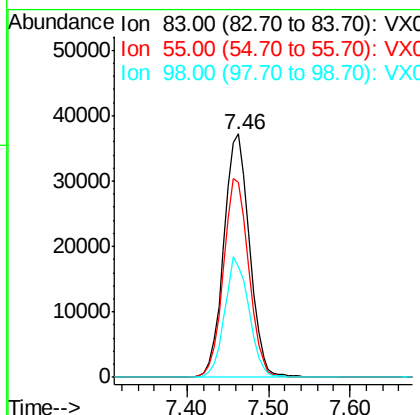
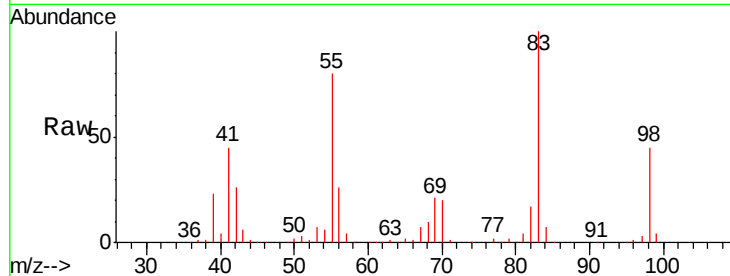
#39
Methylcyclohexane
Concen: 49.79 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX005982.D
Acq: 14 Nov 2018 18:48

Instrument :
MSVOA_X
ClientSampleId :
S36-0144MS

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	80810		
55	79.9	63.7	95.5	
98	45.4	36.2	54.2	

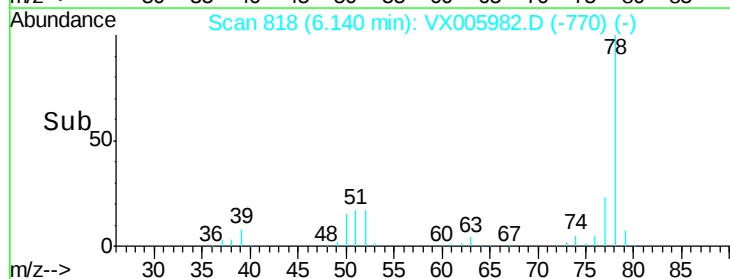
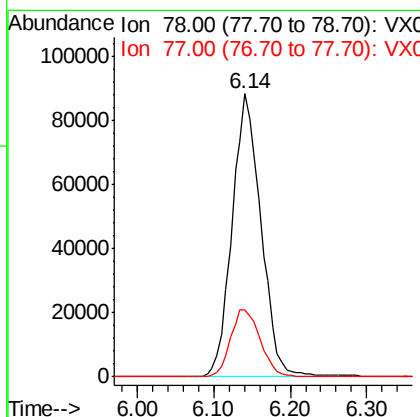
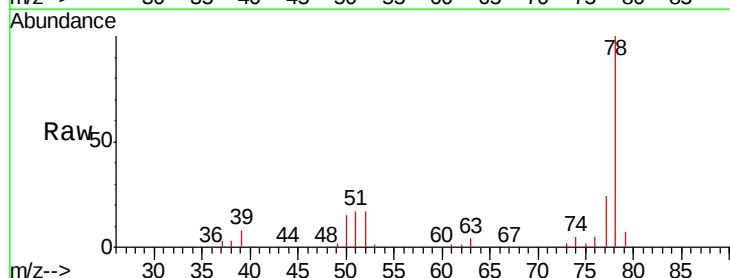
Manual Integrations
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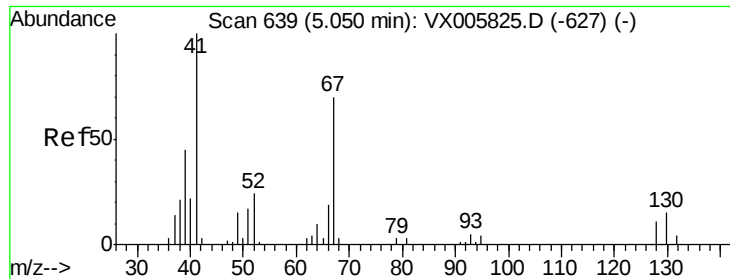
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#40
Benzene
Concen: 49.48 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX005982.D
Acq: 14 Nov 2018 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	230988		
77	23.6	18.4	27.6	





#41

Methacrylonitrile

Concen: 53.44 ug/l

RT: 5.06 min Scan# 640

Delta R.T. 0.01 min

Lab File: VX005982.D

Acq: 14 Nov 2018 18:48

Instrument :

MSVOA_X

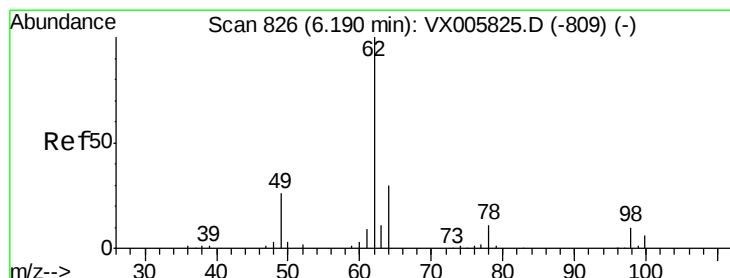
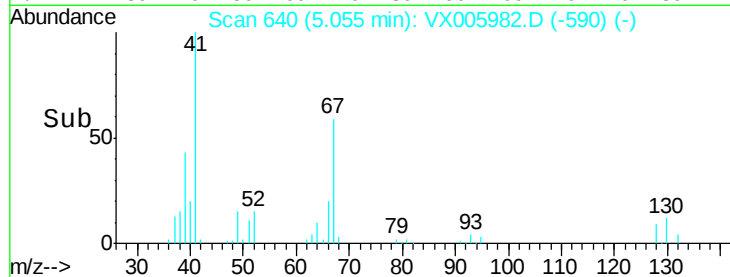
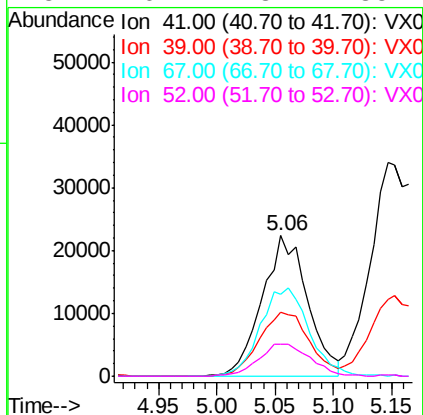
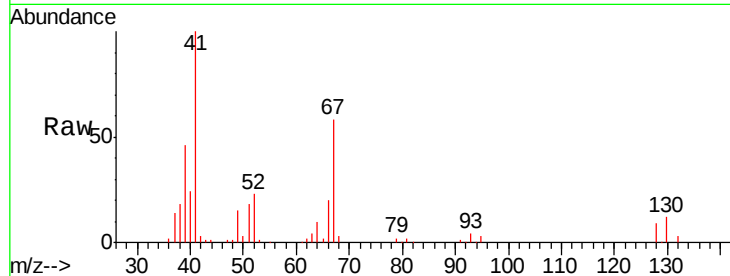
ClientSampleId :

S36-0144MS

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	50.4	42.2	63.2	
67	67.2	53.4	80.0	
52	26.2	23.4	35.2	

Manual Integrations
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11/15/2018 1:05:23 PM



#42

1,2-Dichloroethane

Concen: 50.07 ug/l

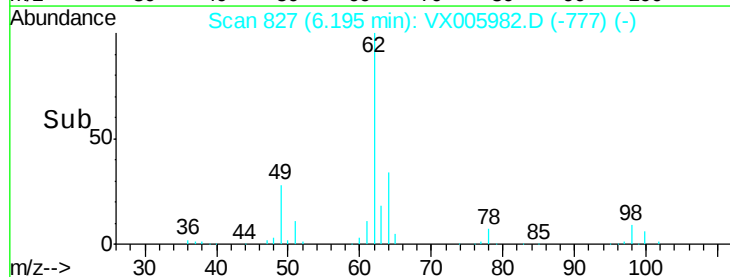
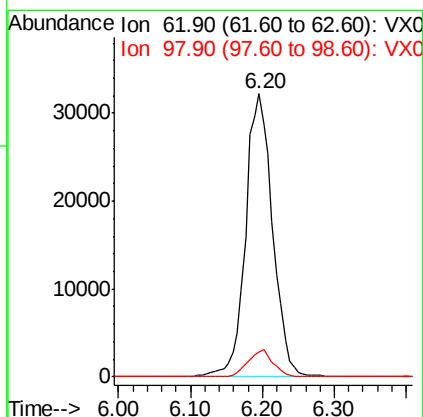
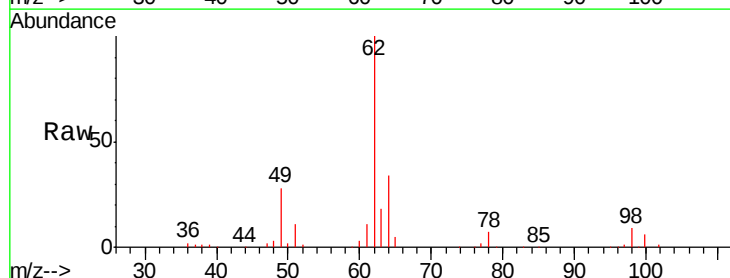
RT: 6.20 min Scan# 827

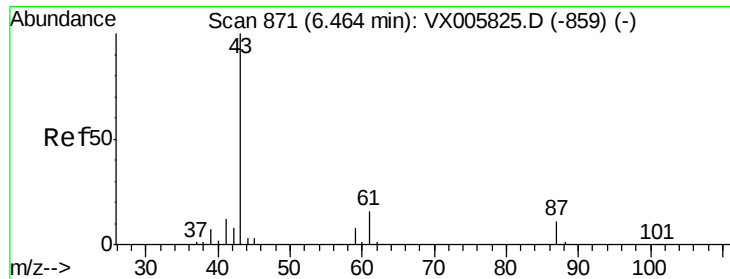
Delta R.T. 0.01 min

Lab File: VX005982.D

Acq: 14 Nov 2018 18:48

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.9	0.0	17.8	





#43

Isopropyl Acetate

Concen: 46.94 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX005982.D

Acq: 14 Nov 2018 18:48

Instrument :

MSVOA_X

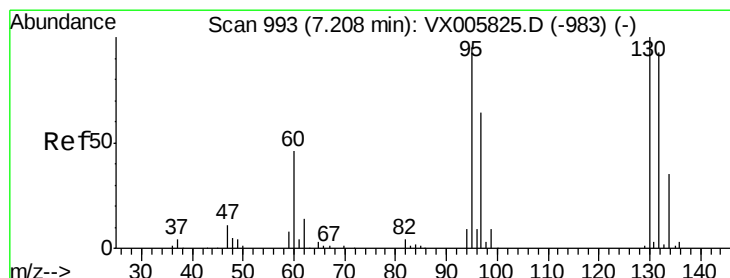
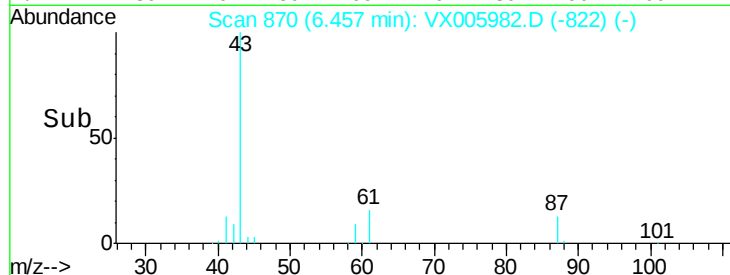
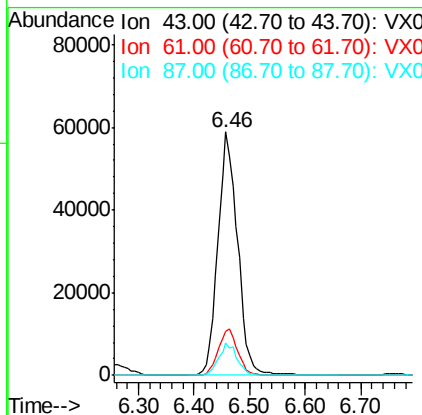
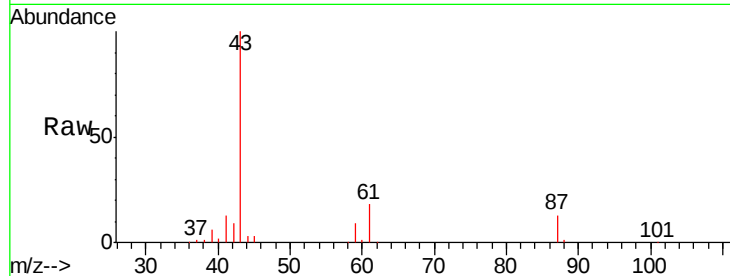
ClientSampleId :

S36-0144MS

Tgt Ion:	43	Resp:	143238
Ion	Ratio	Lower	Upper
43	100		
61	19.1	14.6	22.0
87	12.5	9.6	14.4

Manual Integrations
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#44

Trichloroethene

Concen: 48.58 ug/l

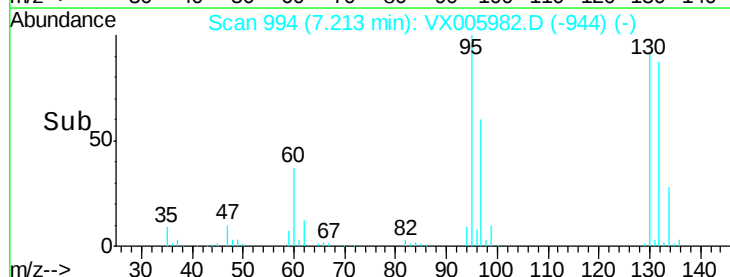
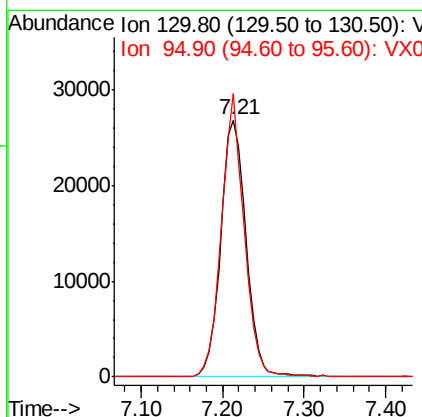
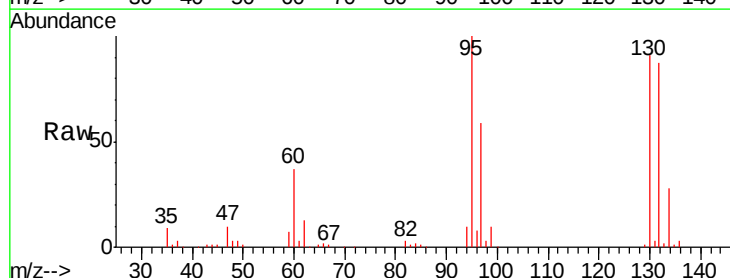
RT: 7.21 min Scan# 994

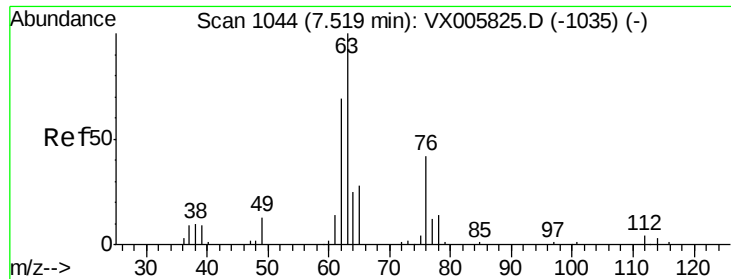
Delta R.T. 0.01 min

Lab File: VX005982.D

Acq: 14 Nov 2018 18:48

Tgt Ion:	130	Resp:	57595
Ion	Ratio	Lower	Upper
130	100		
95	110.3	0.0	194.2





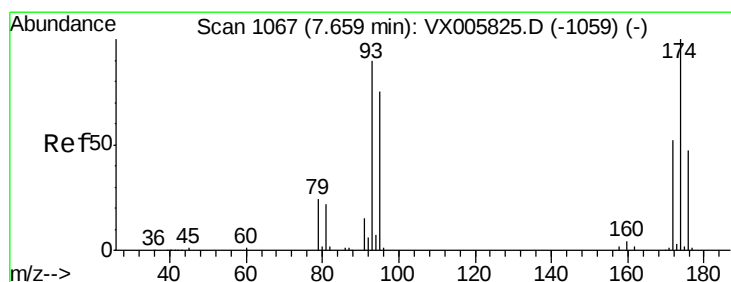
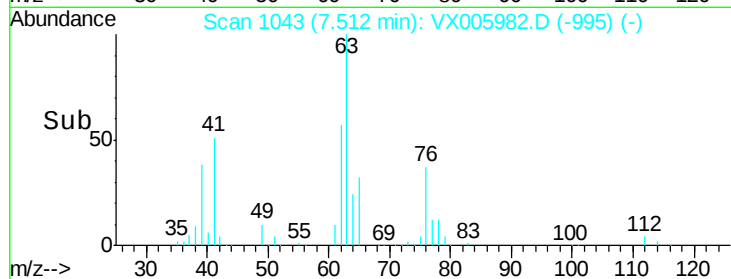
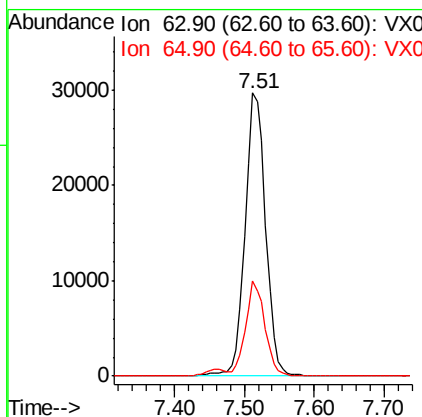
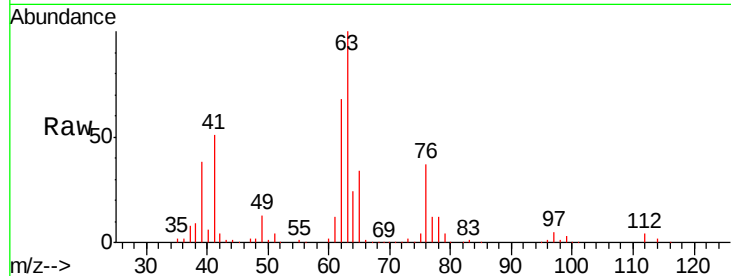
#45
 1,2-Dichloropropane
 Concen: 53.66 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX005982.D
 Acq: 14 Nov 2018 18:48

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0144MS

Tgt Ion: 63 Resp: 60809
 Ion Ratio Lower Upper
 63 100
 65 33.7 24.8 37.2

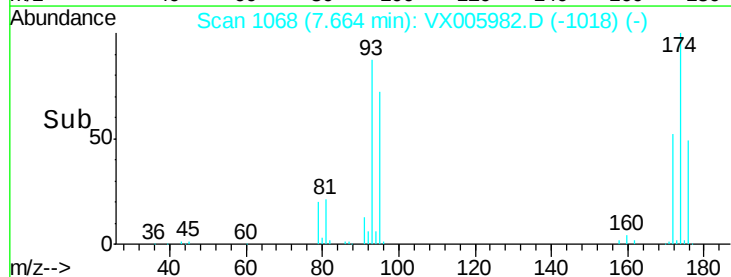
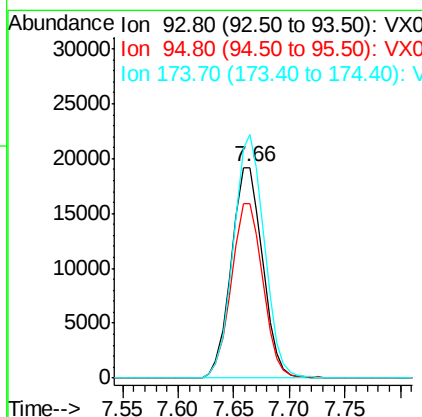
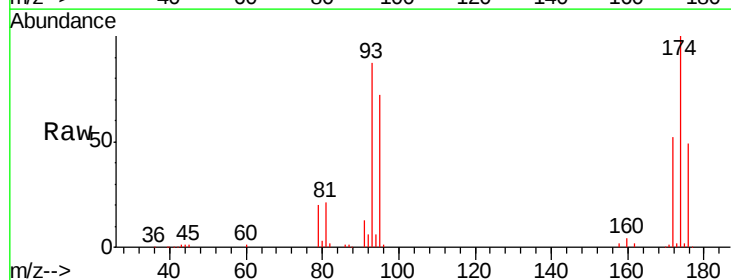
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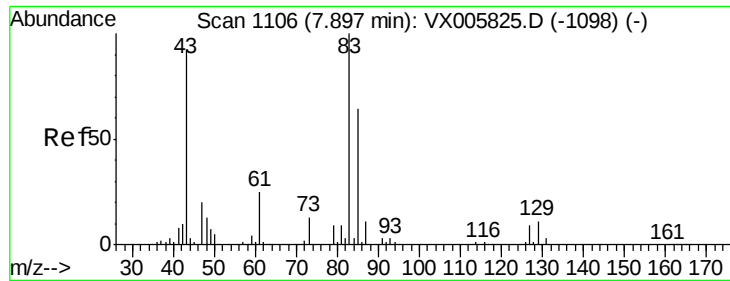
MMDadoda
 11/15/2018 1:05:23 PM



#46
 Dibromomethane
 Concen: 52.76 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX005982.D
 Acq: 14 Nov 2018 18:48

Tgt Ion: 93 Resp: 37519
 Ion Ratio Lower Upper
 93 100
 95 83.3 67.4 101.0
 174 113.6 91.5 137.3





#47

Bromodichloromethane

Concen: 53.50 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX005982.D

Acq: 14 Nov 2018 18:48

Instrument :

MSVOA_X

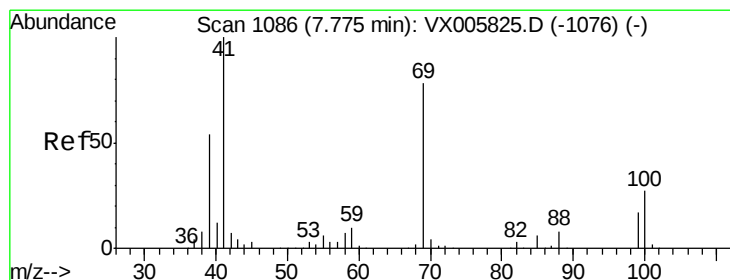
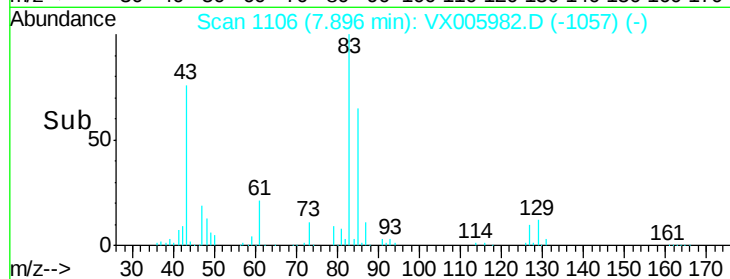
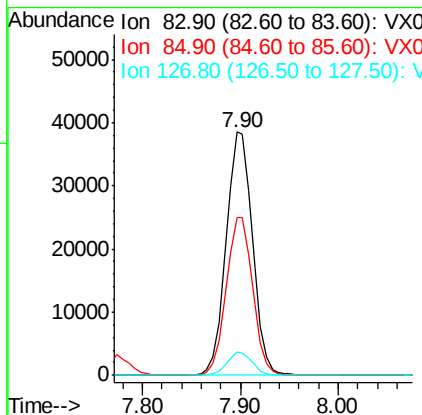
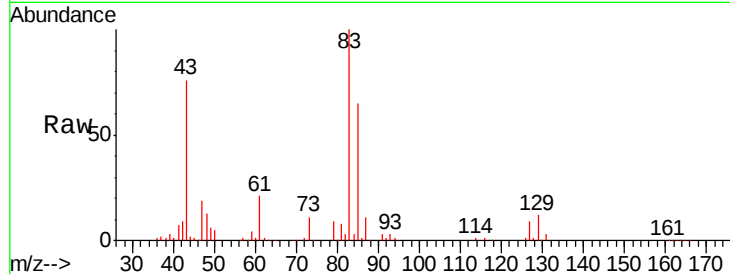
ClientSampleId :

S36-0144MS

Tgt Ion:	83	Resp:	71900
Ion	Ratio	Lower	Upper
83	100		
85	64.8	50.2	75.4
127	9.5	6.9	10.3

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#48

Methyl methacrylate

Concen: 55.83 ug/l

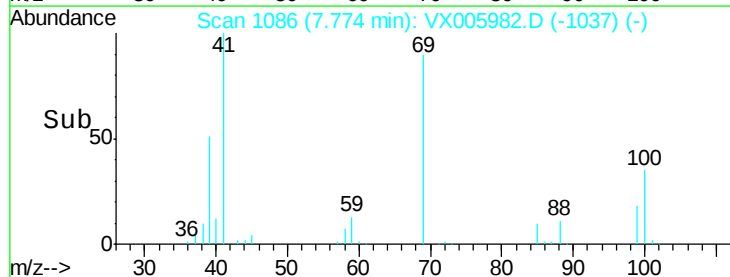
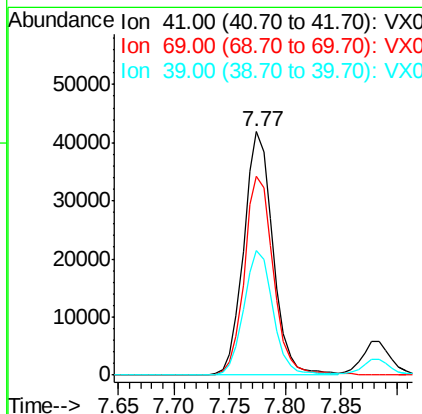
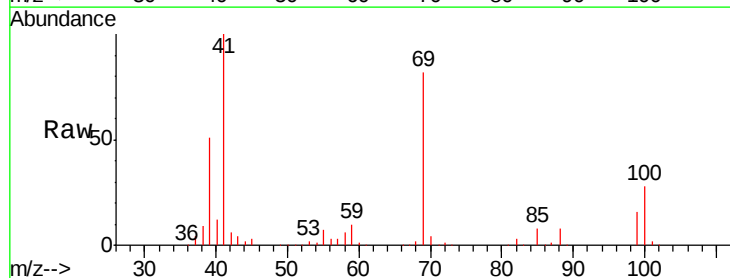
RT: 7.77 min Scan# 1086

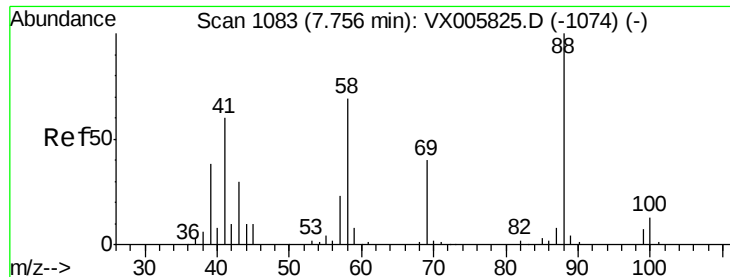
Delta R.T. -0.00 min

Lab File: VX005982.D

Acq: 14 Nov 2018 18:48

Tgt Ion:	41	Resp:	76492
Ion	Ratio	Lower	Upper
41	100		
69	81.6	63.2	94.8
39	51.4	42.2	63.2





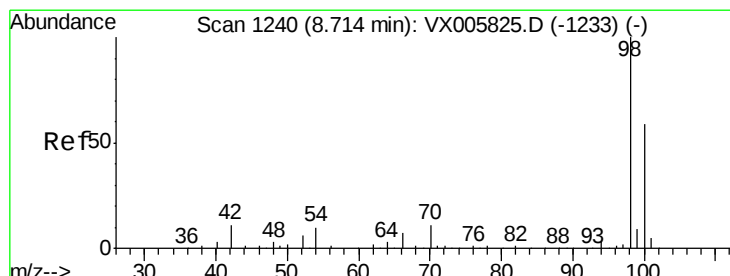
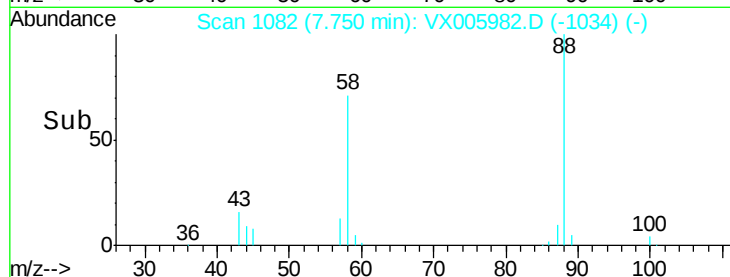
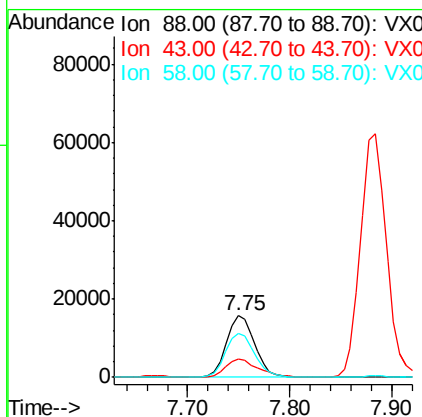
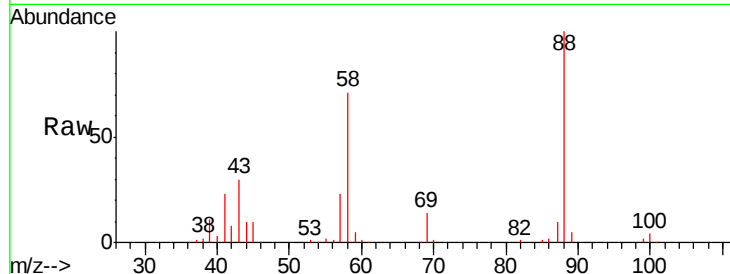
#49
1,4-Dioxane
Concen: 1010.84 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX005982.D
Acq: 14 Nov 2018 18:48

Instrument :
MSVOA_X
ClientSampleId :
S36-0144MS

Tgt Ion	Ratio	Lower	Upper
88	100		
43	33.2	27.4	41.0
58	74.5	59.4	89.2

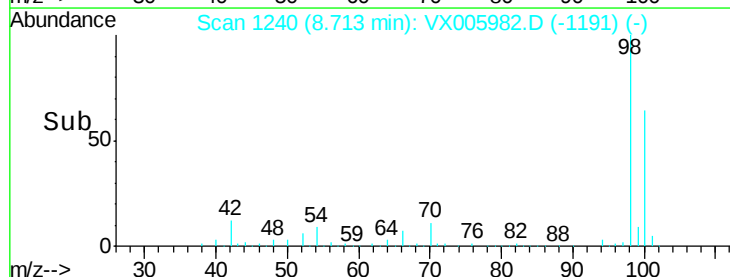
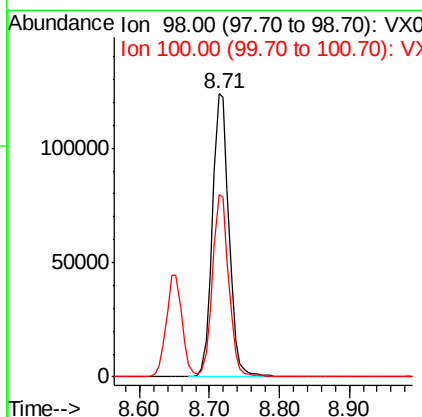
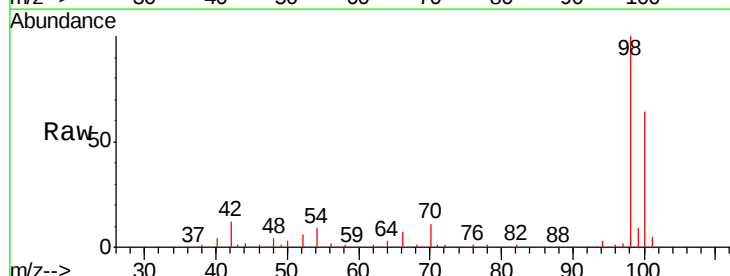
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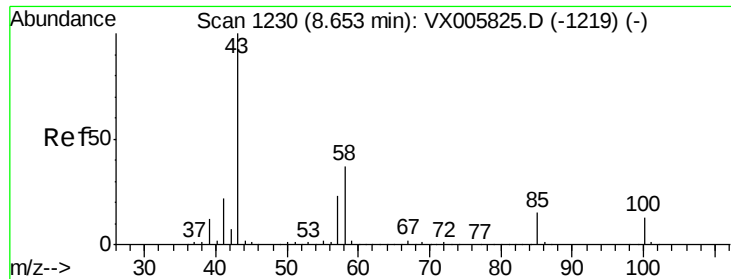
MMDadoda
11/15/2018 1:05:23 PM



#50
Toluene-d8
Concen: 54.32 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005982.D
Acq: 14 Nov 2018 18:48

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.3	76.9





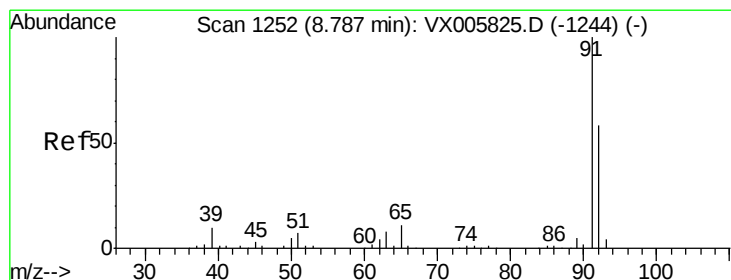
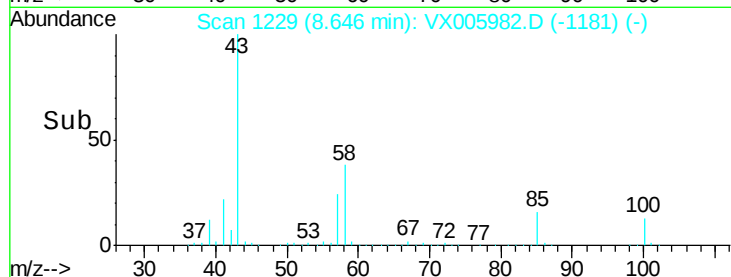
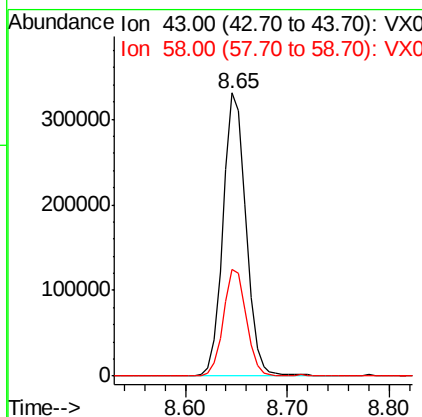
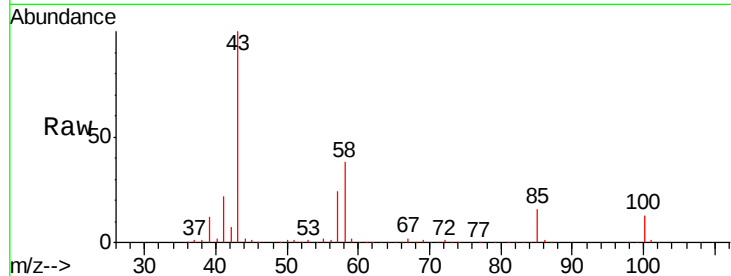
#51
4-Methyl-2-Pentanone
Concen: 268.09 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.01 min
Lab File: VX005982.D
Acq: 14 Nov 2018 18:48

Instrument :
MSVOA_X
ClientSampleId :
S36-0144MS

Tgt Ion: 43 Resp: 515598
Ion Ratio Lower Upper
43 100
58 37.6 29.7 44.5

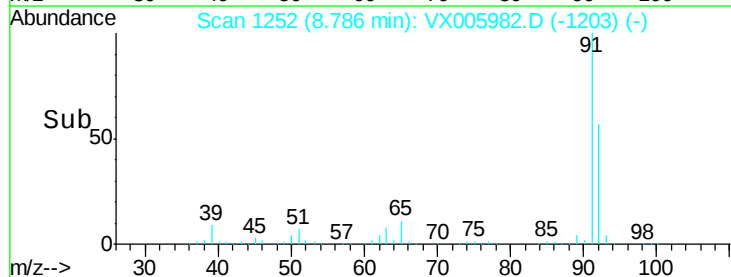
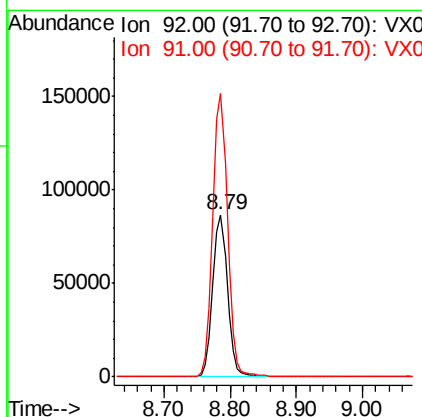
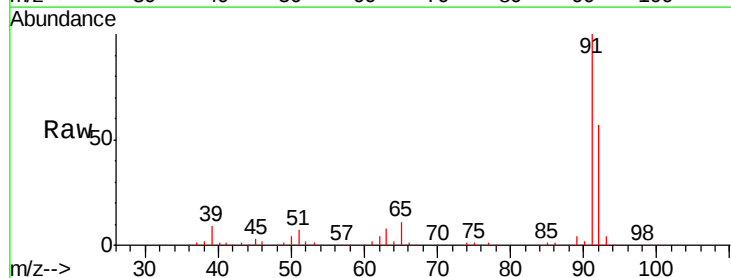
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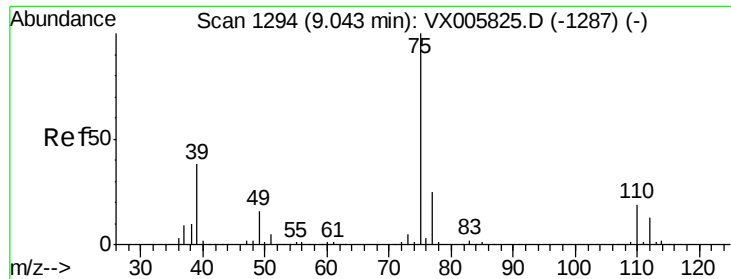
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#52
Toluene
Concen: 51.45 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX005982.D
Acq: 14 Nov 2018 18:48

Tgt Ion: 92 Resp: 134249
Ion Ratio Lower Upper
92 100
91 175.6 140.4 210.6





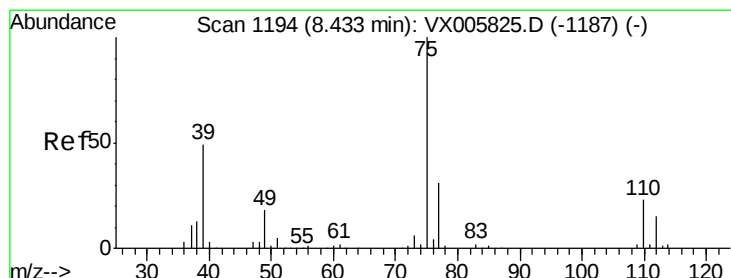
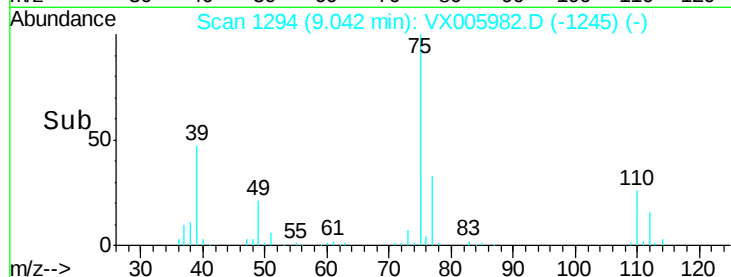
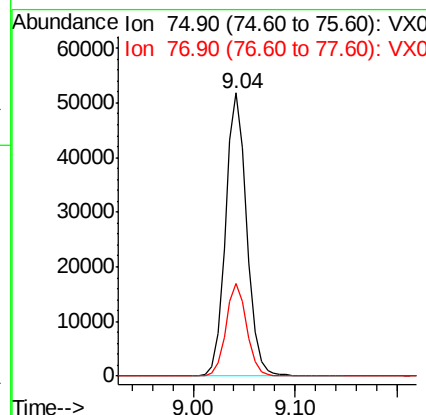
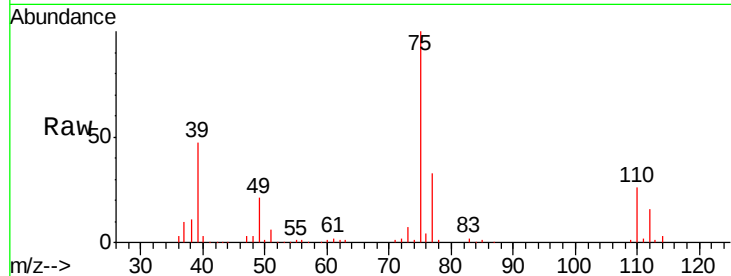
#53
t-1,3-Dichloropropene
Concen: 47.09 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX005982.D
Acq: 14 Nov 2018 18:48

Instrument :
MSVOA_X
ClientSampleId :
S36-0144MS

Tgt Ion: 75 Resp: 74682
Ion Ratio Lower Upper
75 100
77 32.5 25.4 38.2

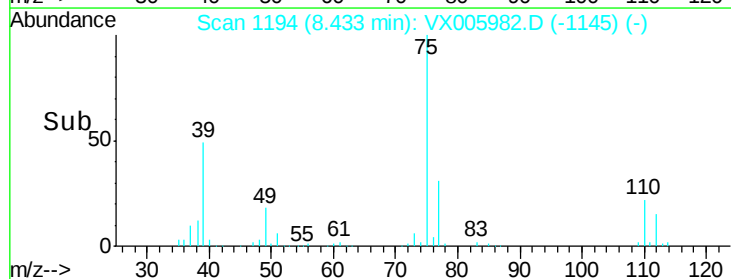
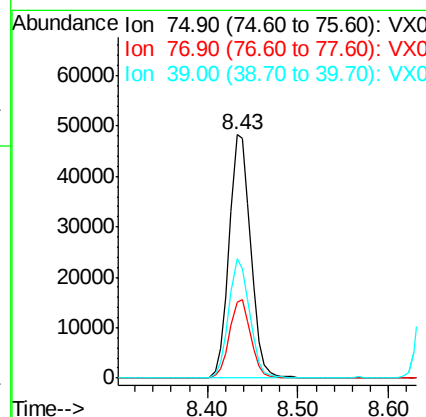
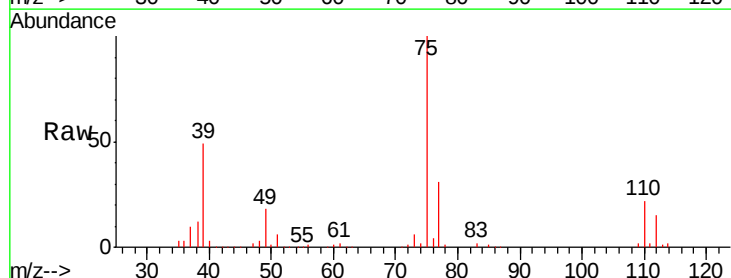
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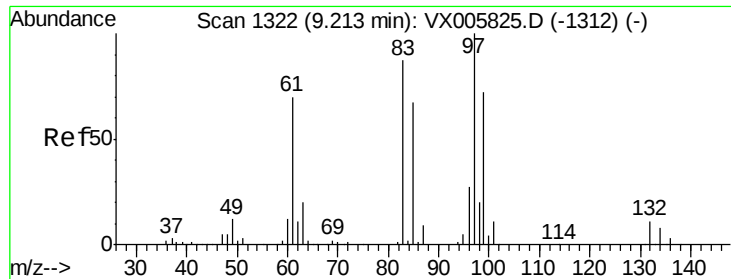
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11/15/2018 1:05:23 PM



#54
cis-1,3-Dichloropropene
Concen: 49.46 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX005982.D
Acq: 14 Nov 2018 18:48

Tgt Ion: 75 Resp: 79942
Ion Ratio Lower Upper
75 100
77 31.3 25.2 37.8
39 48.9 38.2 57.2





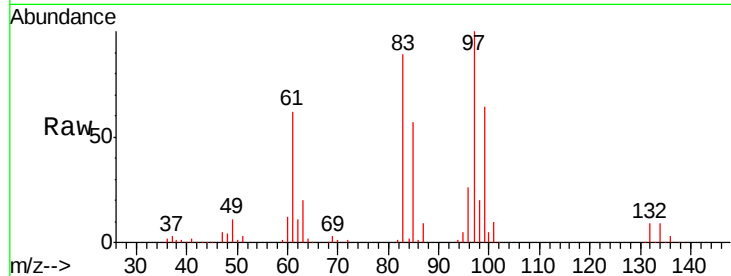
#55
 1,1,2-Trichloroethane
 Concen: 48.08 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX005982.D
 Acq: 14 Nov 2018 18:48

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0144MS

Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.1	70.7	106.1
85	56.8	45.8	68.6
99	63.7	51.8	77.8

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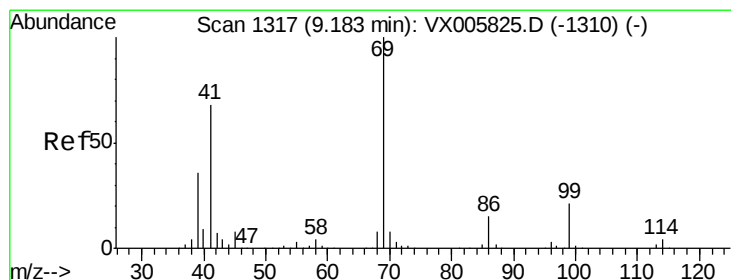
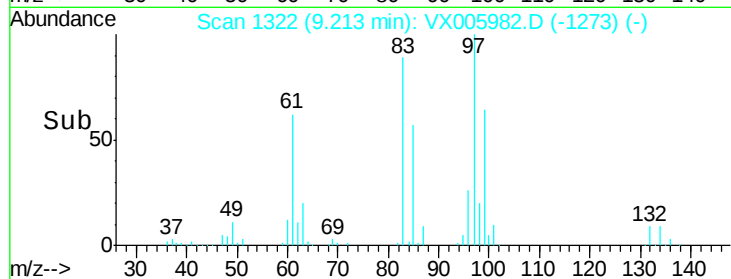
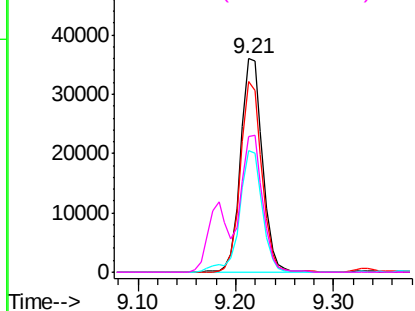


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

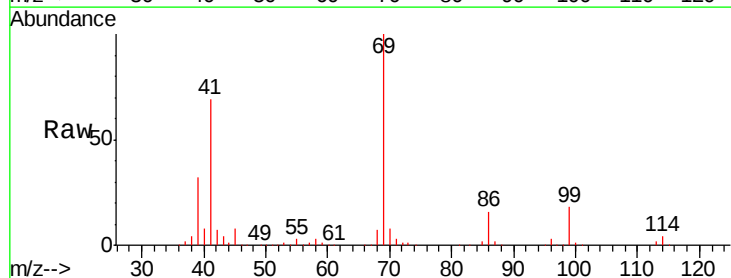
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 52.75 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005982.D
 Acq: 14 Nov 2018 18:48

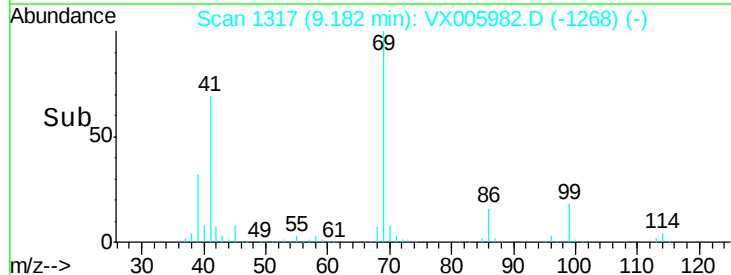
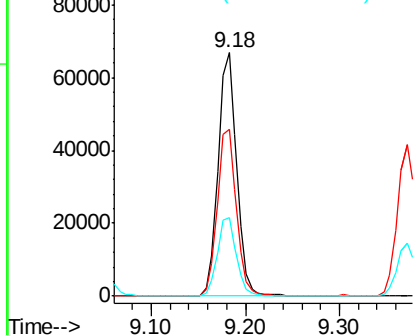
Tgt Ion	Ratio	Lower	Upper
69	100		
41	70.9	57.0	85.6
39	33.0	28.3	42.5

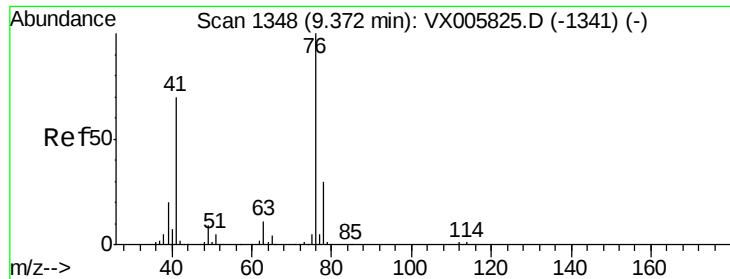


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





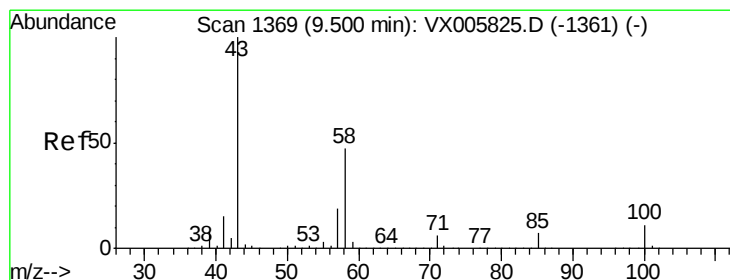
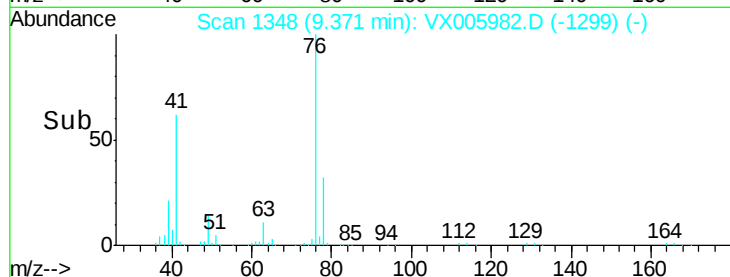
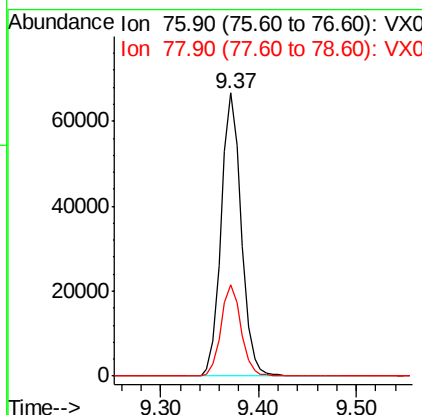
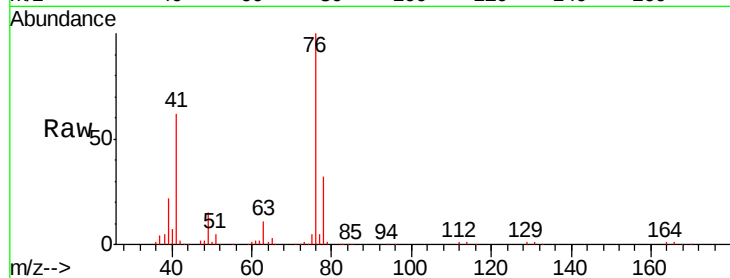
#57
 1,3-Dichloropropane
 Concen: 48.76 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX005982.D
 Acq: 14 Nov 2018 18:48

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0144MS

Tgt Ion: 76 Resp: 95296
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.3 37.9

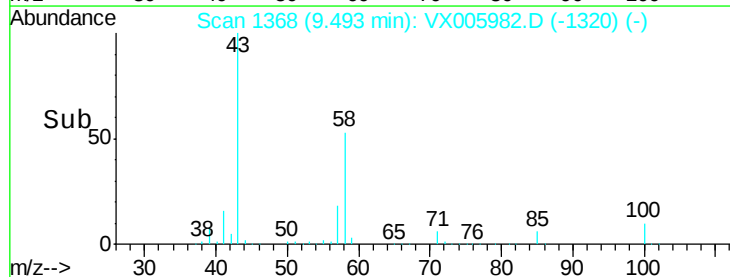
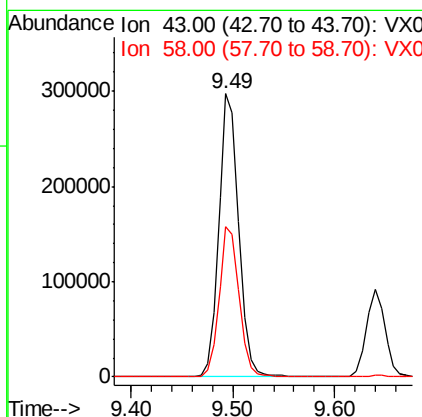
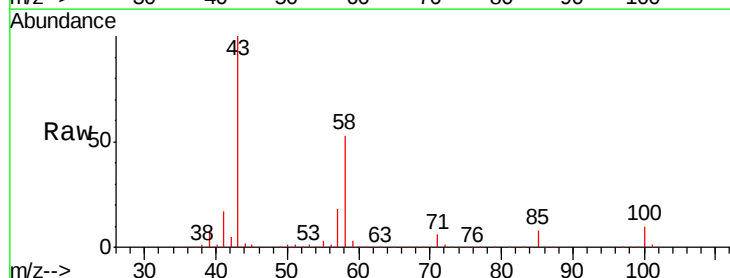
Manual Integrations
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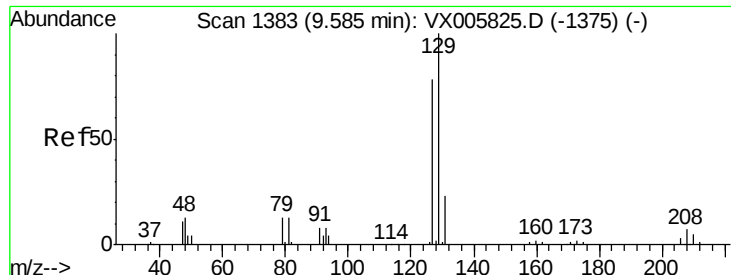
MMDadoda
 11/15/2018 1:05:23 PM



#59
 2-Hexanone
 Concen: 239.48 ug/l
 RT: 9.49 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: VX005982.D
 Acq: 14 Nov 2018 18:48

Tgt Ion: 43 Resp: 405971
 Ion Ratio Lower Upper
 43 100
 58 53.4 25.9 77.8





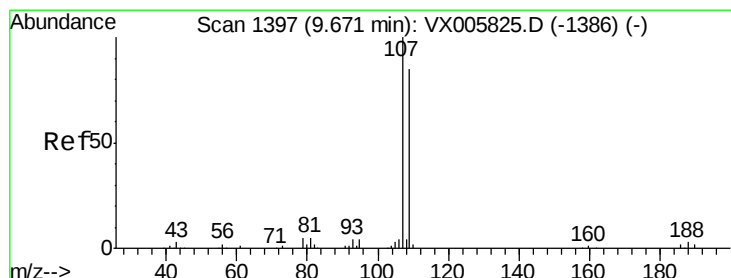
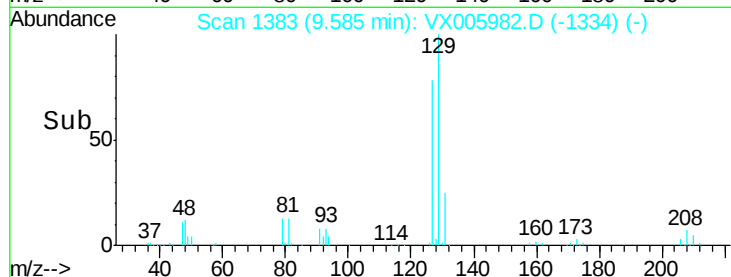
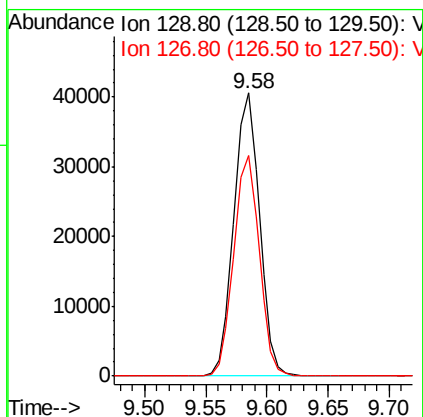
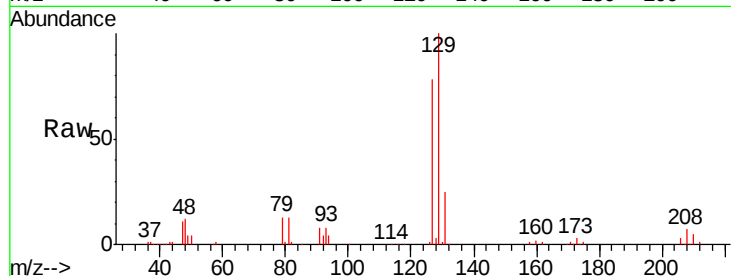
#60
Dibromochloromethane
Concen: 46.83 ug/l
RT: 9.58 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005982.D
Acq: 14 Nov 2018 18:48

Instrument :
MSVOA_X
ClientSampleId :
S36-0144MS

Tgt Ion:129 Resp: 58860
Ion Ratio Lower Upper
129 100
127 77.4 38.9 116.7

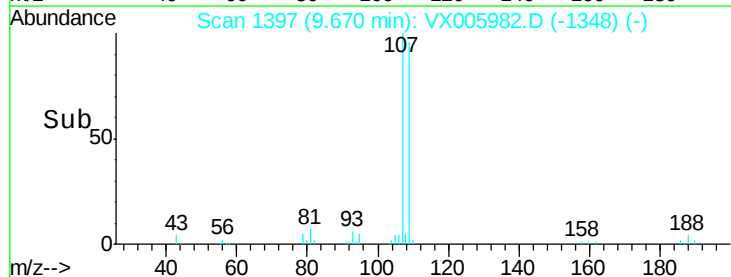
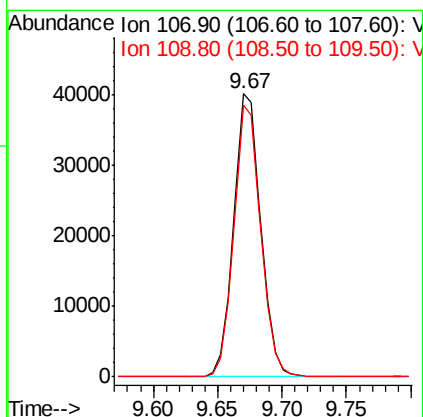
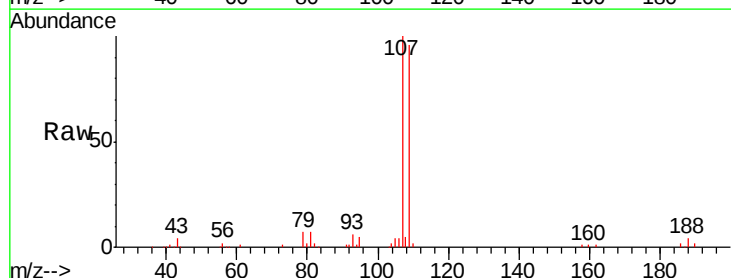
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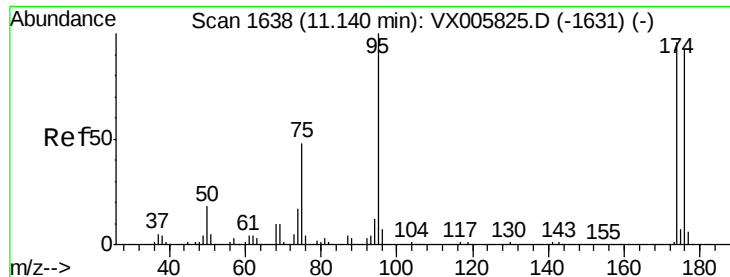
MMDadoda
11/15/2018 1:05:23 PM



#61
1,2-Dibromoethane
Concen: 45.75 ug/l
RT: 9.67 min Scan# 1397
Delta R.T. -0.00 min
Lab File: VX005982.D
Acq: 14 Nov 2018 18:48

Tgt Ion:107 Resp: 58828
Ion Ratio Lower Upper
107 100
109 95.2 75.7 113.5





#62

4-Bromofluorobenzene

Concen: 56.28 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005982.D

Acq: 14 Nov 2018 18:48

Instrument :

MSVOA_X

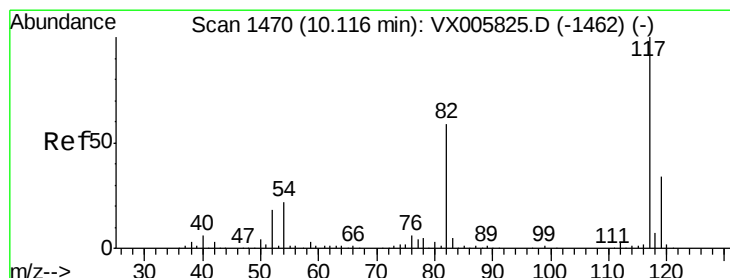
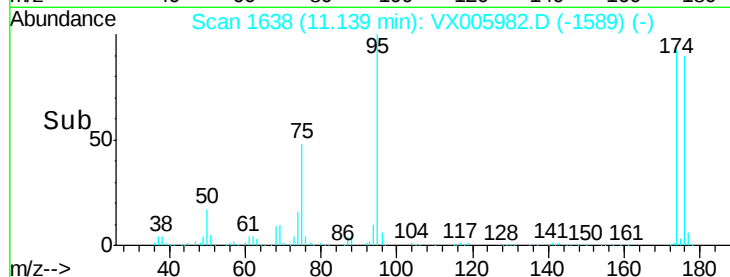
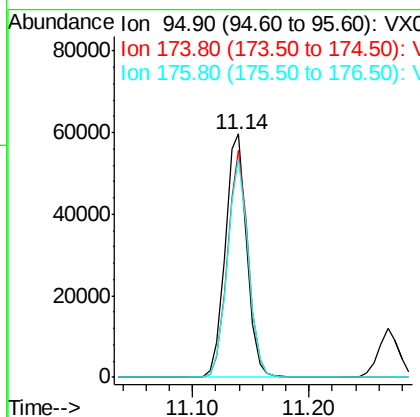
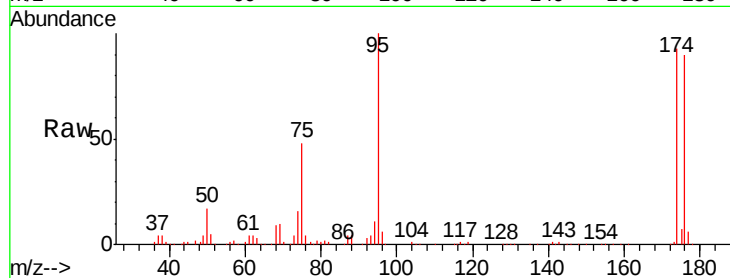
ClientSampleId :

S36-0144MS

Tgt Ion:	95	Resp:	76014
Ion	Ratio	Lower	Upper
95	100		
174	90.2	0.0	184.4
176	87.9	0.0	177.4

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#63

Chlorobenzene-d5

Concen: 50.00 ug/l

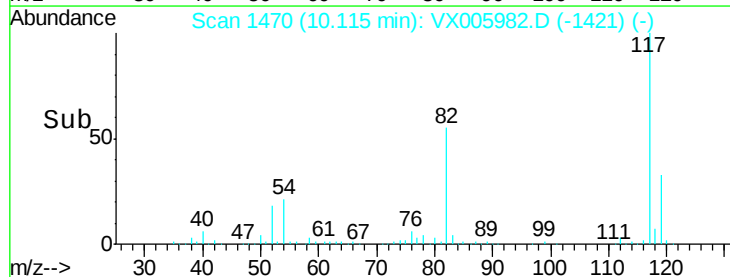
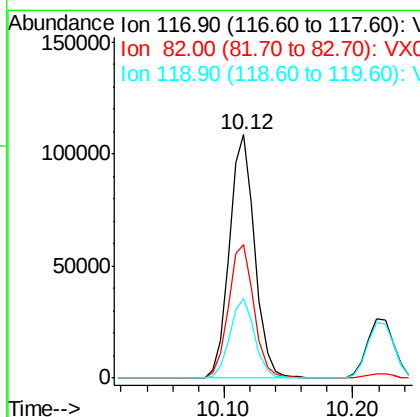
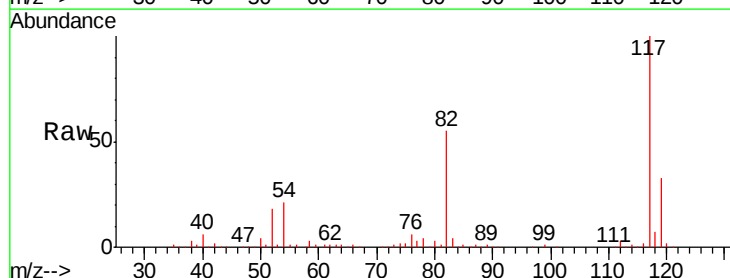
RT: 10.12 min Scan# 1470

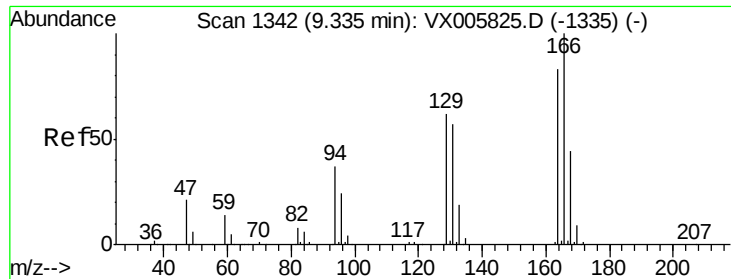
Delta R.T. -0.00 min

Lab File: VX005982.D

Acq: 14 Nov 2018 18:48

Tgt Ion:	117	Resp:	149797
Ion	Ratio	Lower	Upper
117	100		
82	54.9	44.1	66.1
119	32.9	26.2	39.2





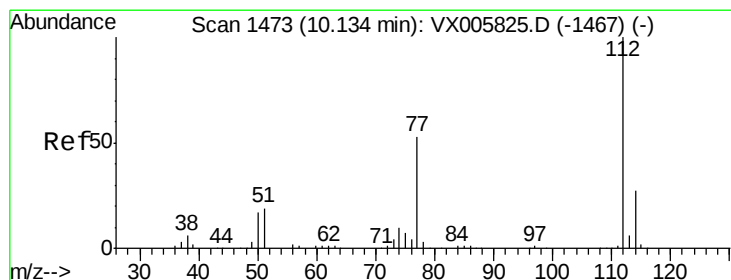
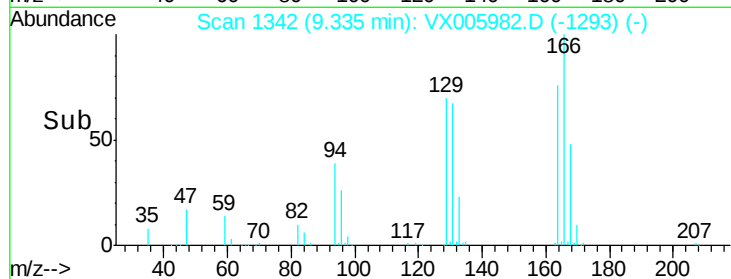
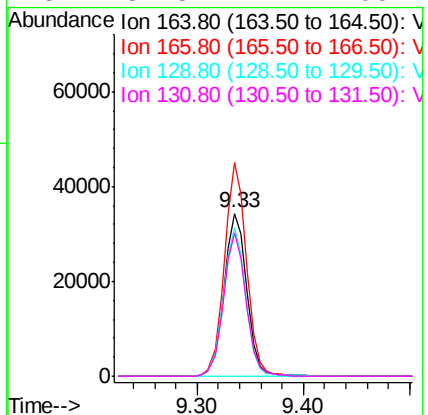
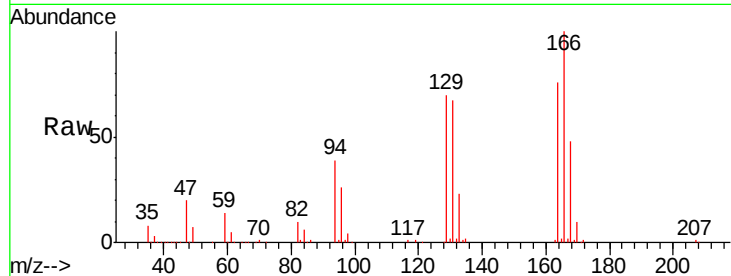
#64
Tetrachloroethene
Concen: 40.17 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005982.D
Acq: 14 Nov 2018 18:48

Instrument :
MSVOA_X
ClientSampleId :
S36-0144MS

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.1	101.9	152.9
129	91.1	72.6	109.0
131	87.8	71.1	106.7

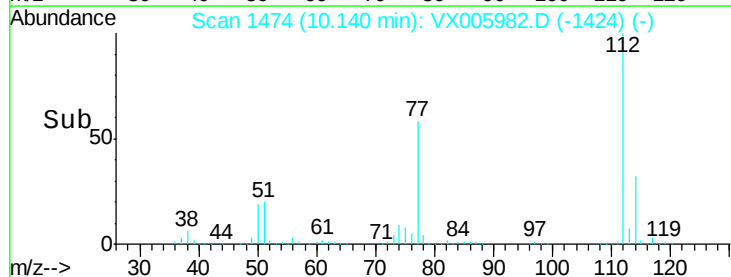
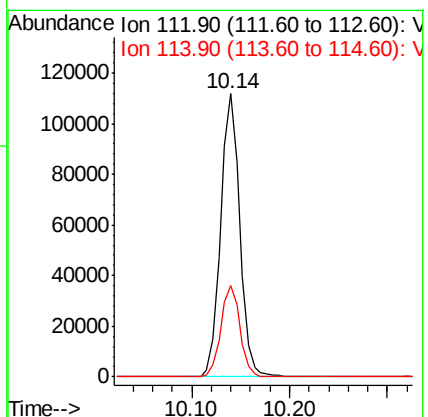
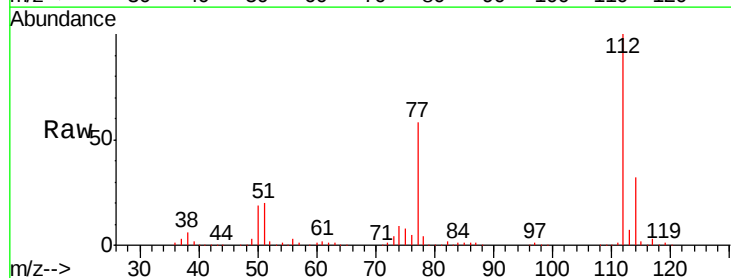
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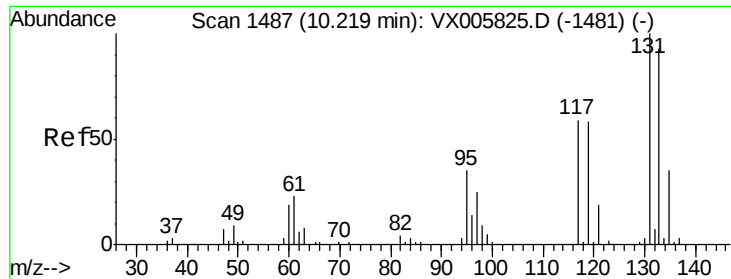
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#65
Chlorobenzene
Concen: 50.46 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX005982.D
Acq: 14 Nov 2018 18:48

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.4	25.8	38.6





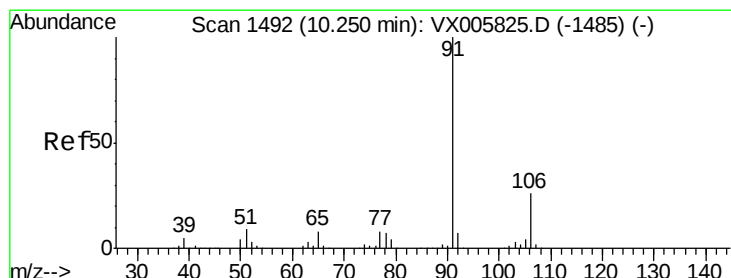
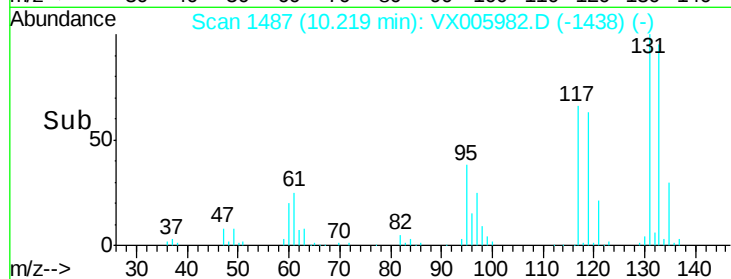
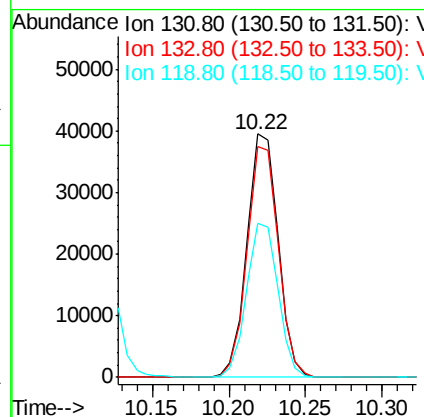
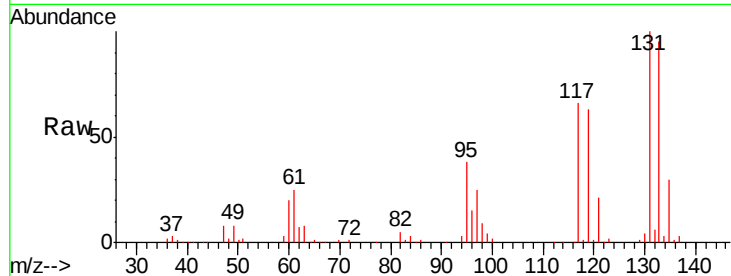
#66
 1,1,1,2-Tetrachloroethane
 Concen: 53.63 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VX005982.D
 Acq: 14 Nov 2018 18:48

Instrument :
 MSVOA_X
 ClientSampled :
 S36-0144MS

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.2	47.5	142.5
119	64.0	31.8	95.3

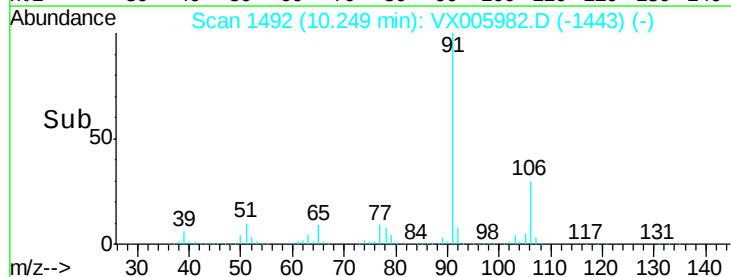
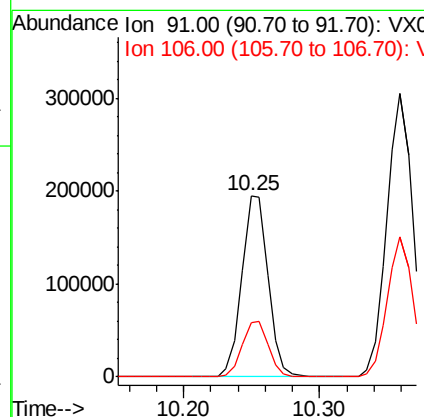
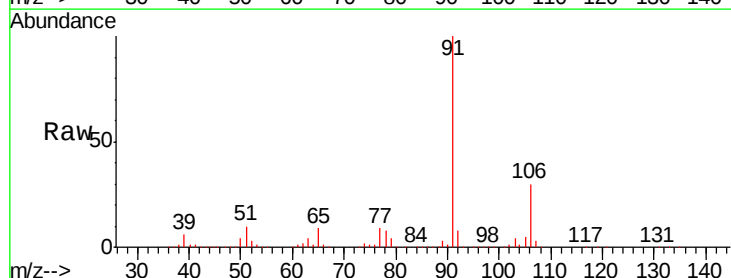
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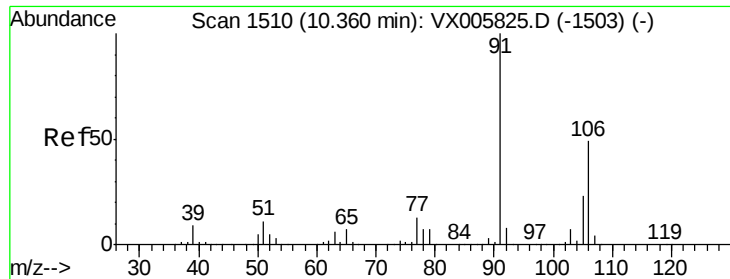
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#67
 Ethyl Benzene
 Concen: 54.48 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX005982.D
 Acq: 14 Nov 2018 18:48

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.3	24.4	36.6





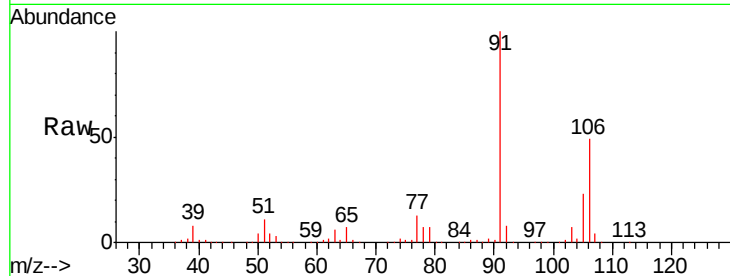
#68
m/p-Xylenes
Concen: 108.44 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005982.D
Acq: 14 Nov 2018 18:48

Instrument :
MSVOA_X
ClientSampleId :
S36-0144MS

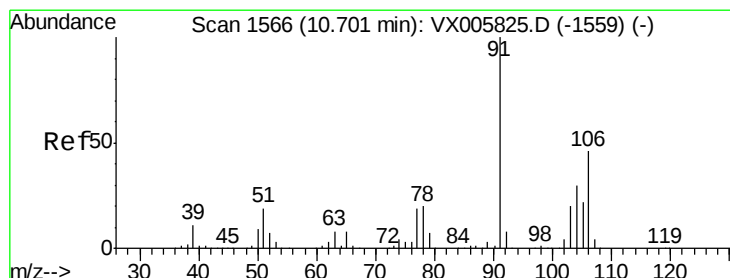
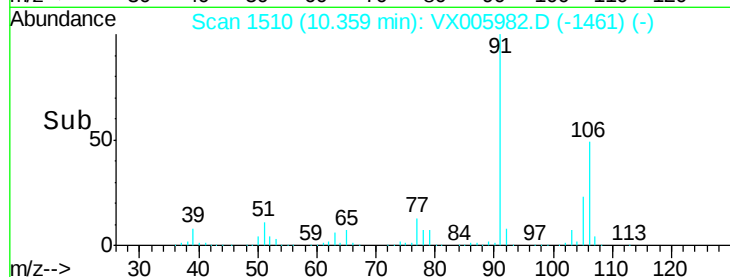
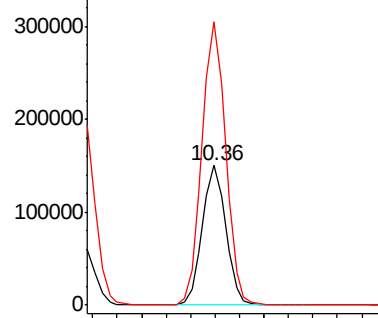
Tgt Ion:106 Resp: 199040
Ion Ratio Lower Upper
106 100
91 205.6 164.2 246.4

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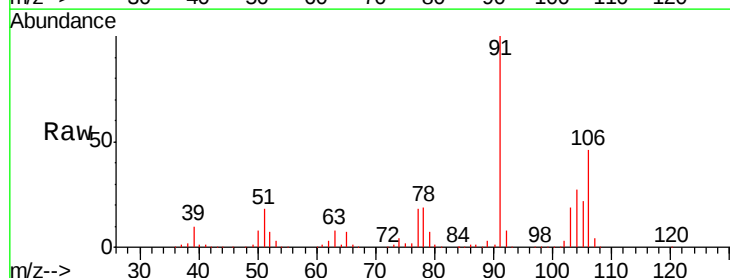


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

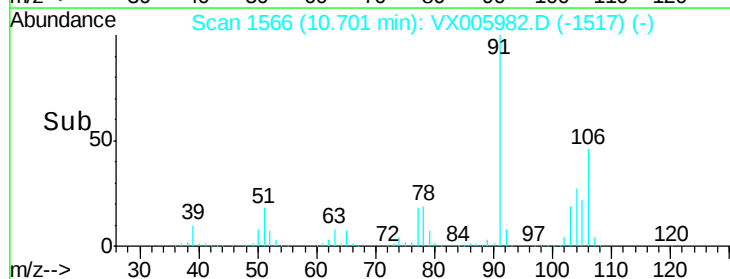
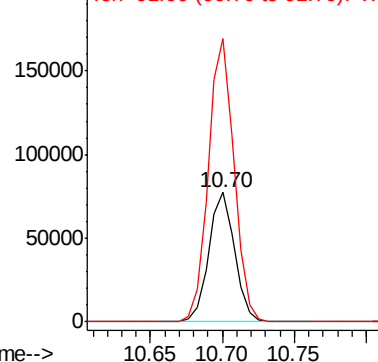


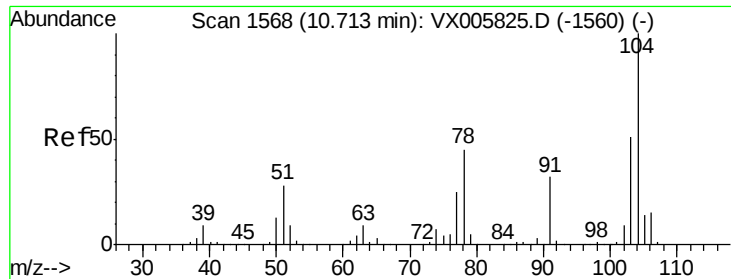
#69
o-Xylene
Concen: 58.69 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005982.D
Acq: 14 Nov 2018 18:48

Tgt Ion:106 Resp: 96599
Ion Ratio Lower Upper
106 100
91 219.1 108.5 325.5



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0





#70

Styrene

Concen: 59.55 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX005982.D

Acq: 14 Nov 2018 18:48

Instrument :

MSVOA_X

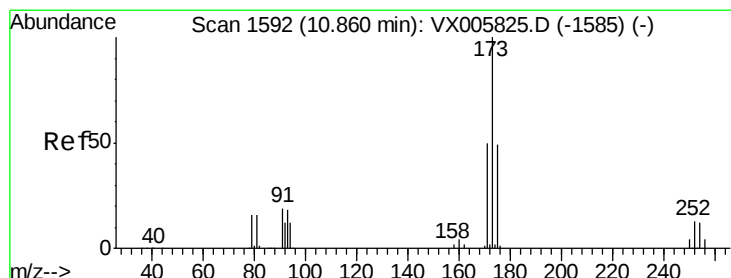
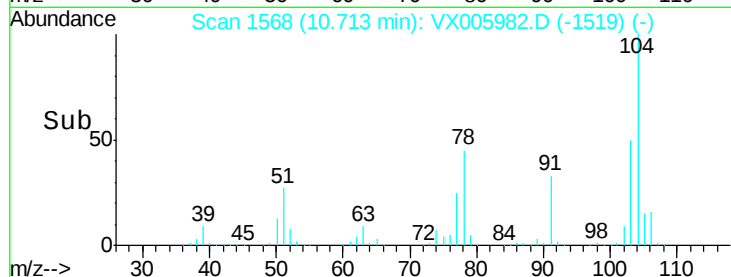
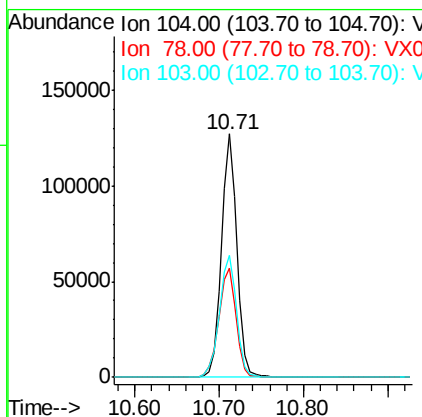
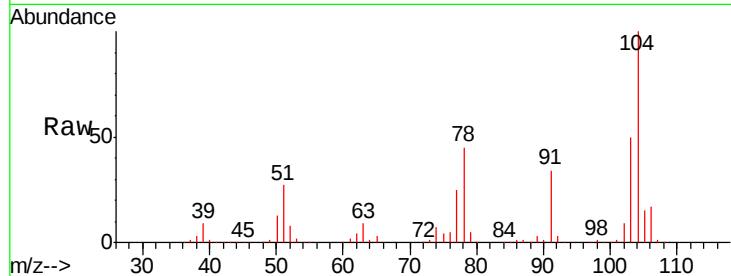
ClientSampleId :

S36-0144MS

Tgt Ion:	104	Resp:	161697
Ion Ratio	Lower	Upper	
104	100		
78	50.5	40.2	60.4
103	55.8	44.9	67.3

Manual Integrations
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#71

Bromoform

Concen: 55.57 ug/l

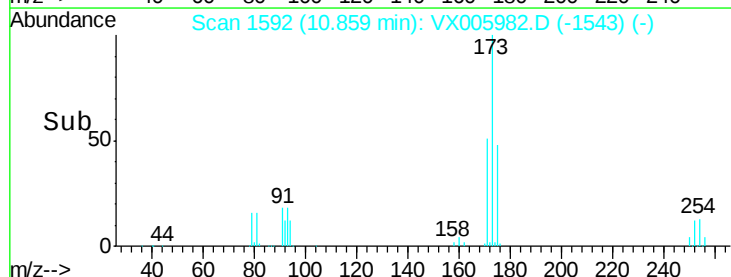
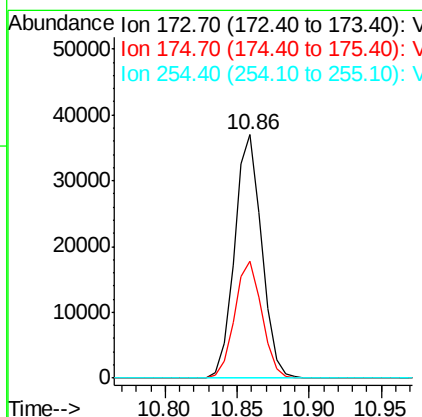
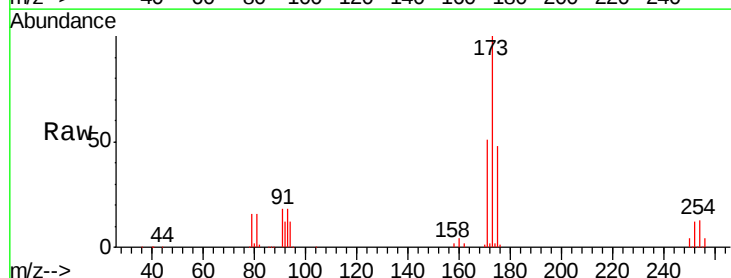
RT: 10.86 min Scan# 1592

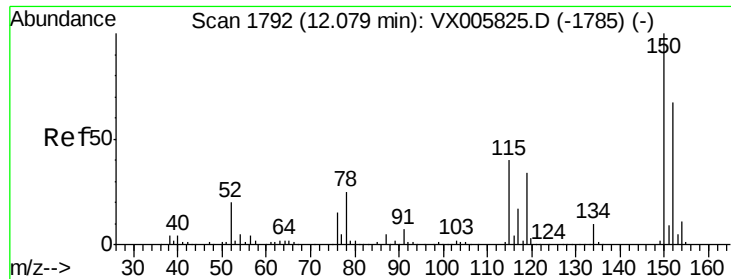
Delta R.T. -0.00 min

Lab File: VX005982.D

Acq: 14 Nov 2018 18:48

Tgt Ion:	173	Resp:	48602
Ion Ratio	Lower	Upper	
173	100		
175	48.2	24.8	74.3
254	0.1	0.2	0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005982.D

Acq: 14 Nov 2018 18:48

Instrument :

MSVOA_X

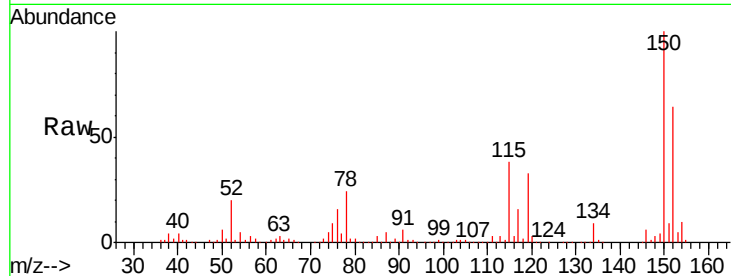
ClientSampleId :

S36-0144MS

Tgt Ion:	152	Resp:	82041
Ion Ratio	Lower	Upper	
152	100		
115	77.6	39.4	118.1
150	172.3	0.0	346.4

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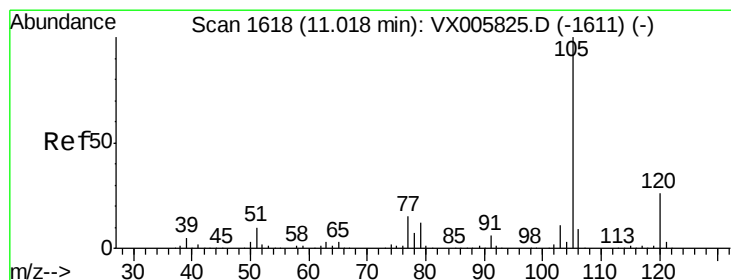
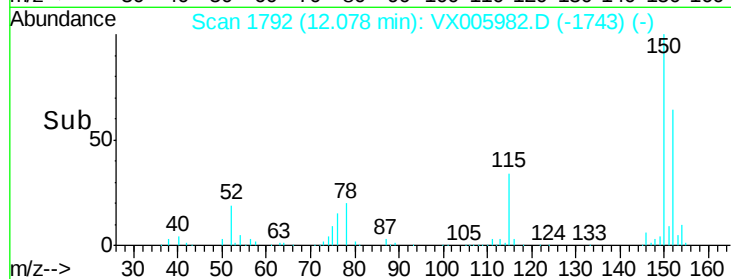
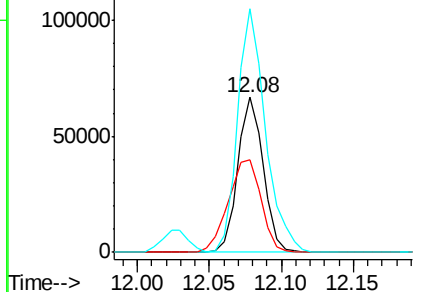
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Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 55.66 ug/l

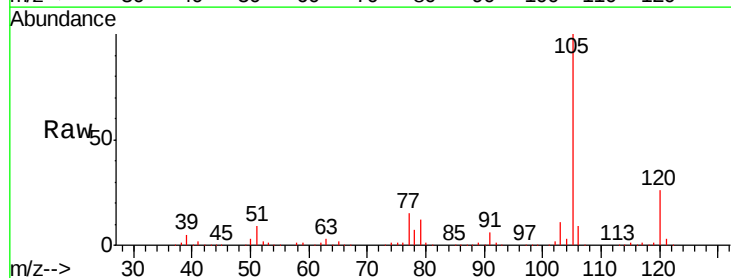
RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005982.D

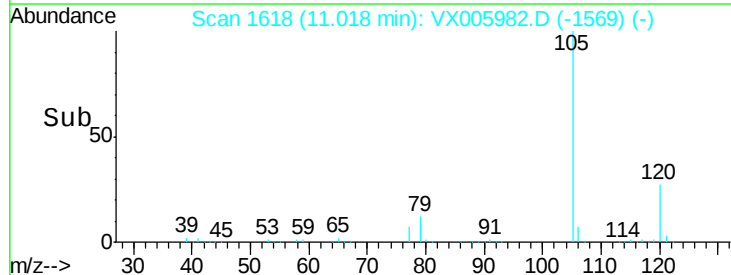
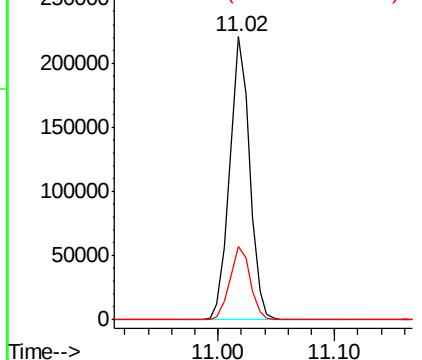
Acq: 14 Nov 2018 18:48

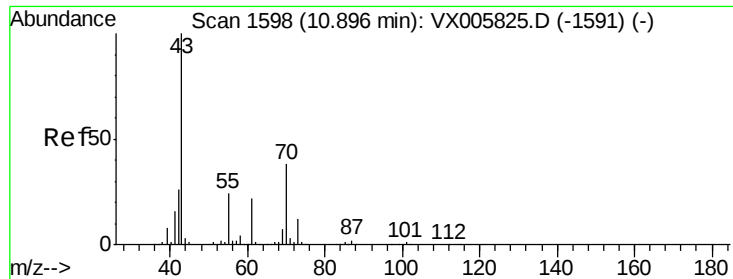
Tgt Ion:	105	Resp:	264064
Ion Ratio	Lower	Upper	
105	100		
120	26.4	13.1	39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 43.53 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX005982.D

Acq: 14 Nov 2018 18:48

Instrument :

MSVOA_X

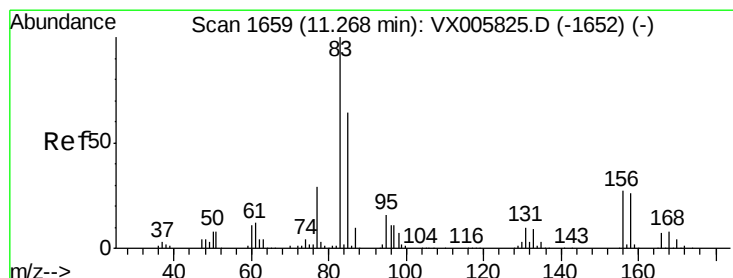
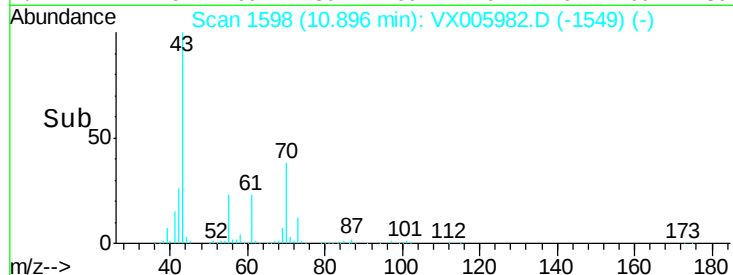
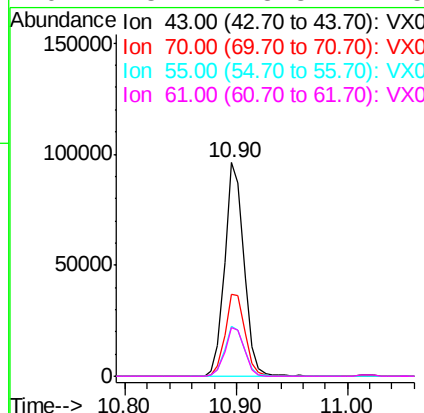
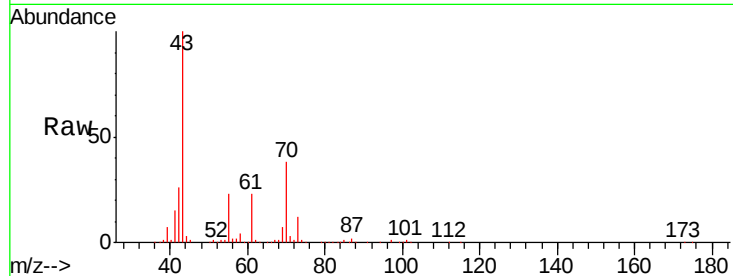
ClientSampled :

S36-0144MS

Tgt Ion	Ratio	Lower	Upper
43	100		
70	39.8	31.6	47.4
55	24.0	19.7	29.5
61	23.2	18.3	27.5

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 55.06 ug/l

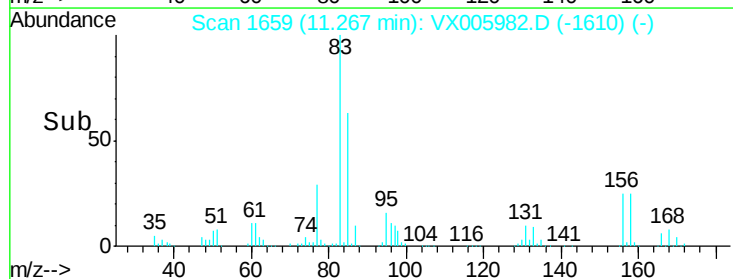
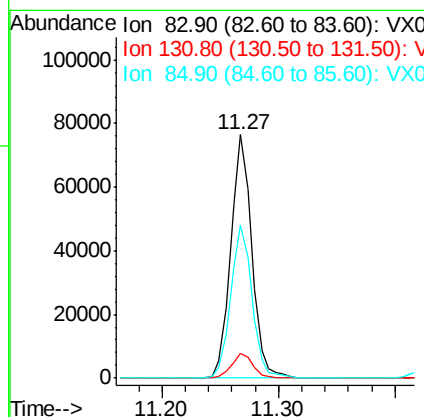
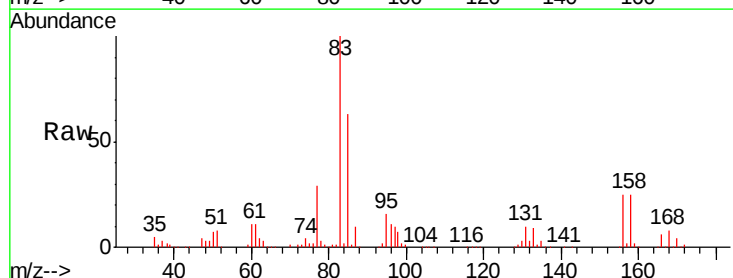
RT: 11.27 min Scan# 1659

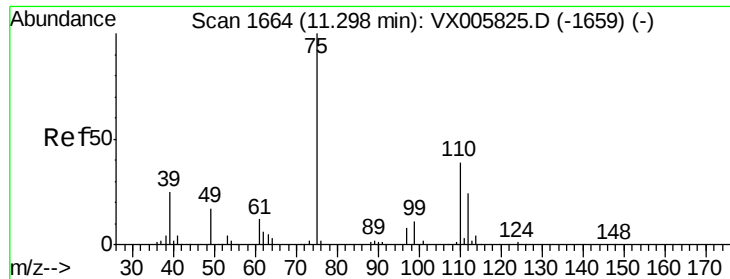
Delta R.T. -0.00 min

Lab File: VX005982.D

Acq: 14 Nov 2018 18:48

Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.3	5.3	15.9
85	63.7	32.0	96.2





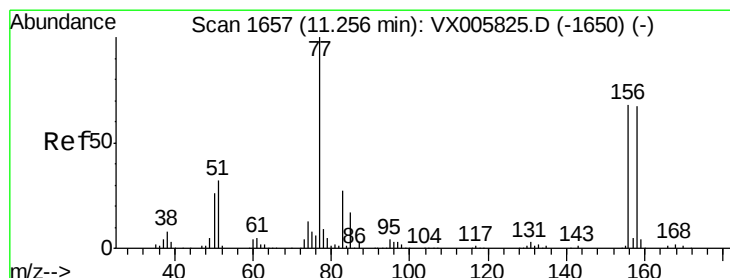
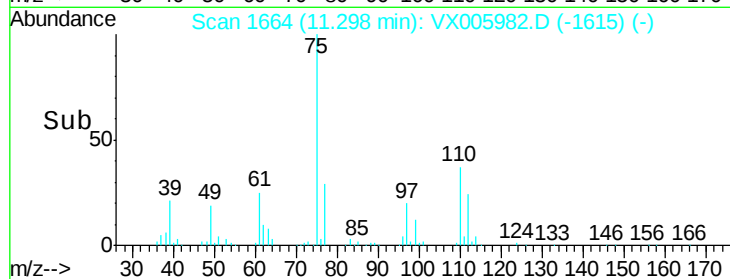
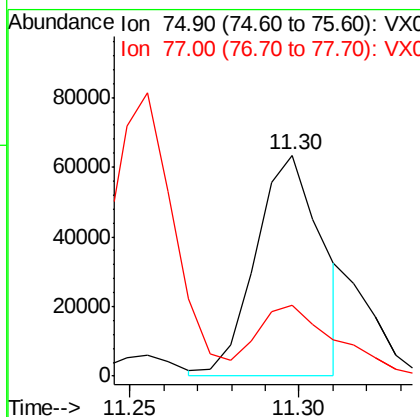
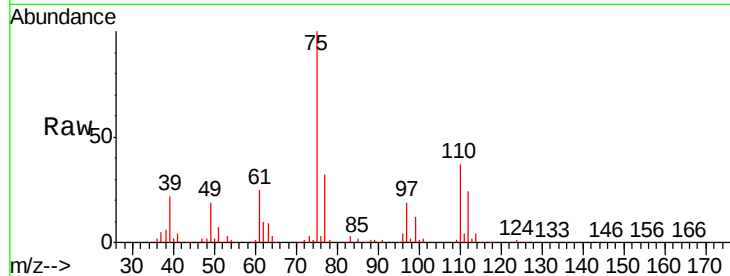
#76
1,2,3-Trichloropropane
Concen: 51.88 ug/l m
RT: 11.30 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VX005982.D
Acq: 14 Nov 2018 18:48

Instrument :
MSVOA_X
ClientSampleId :
S36-0144MS

Tgt Ion: 75 Resp: 86670
Ion Ratio Lower Upper
75 100
77 38.3 20.5 61.6

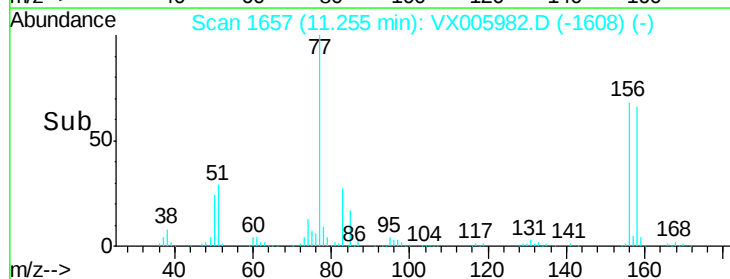
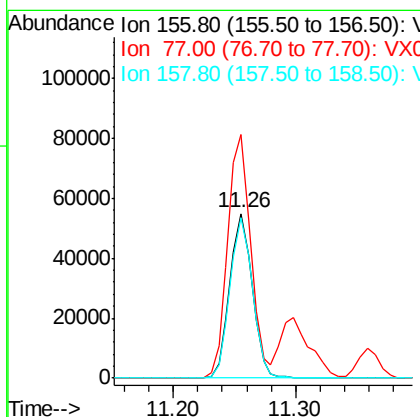
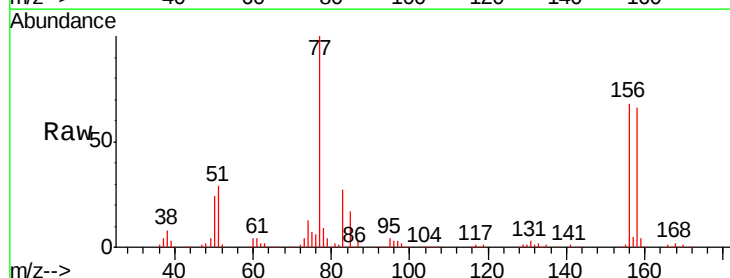
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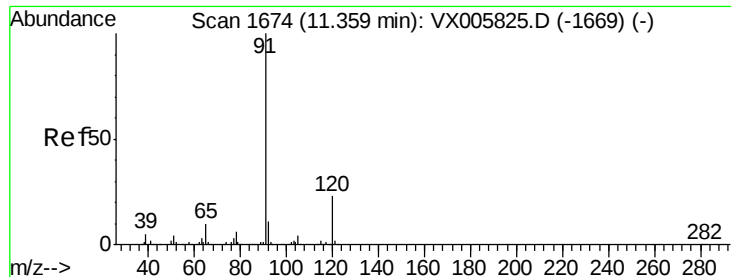
MMDadoda
11/15/2018 1:05:23 PM



#77
Bromobenzene
Concen: 52.31 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VX005982.D
Acq: 14 Nov 2018 18:48

Tgt Ion: 156 Resp: 69956
Ion Ratio Lower Upper
156 100
77 151.2 74.8 224.4
158 97.5 49.1 147.3





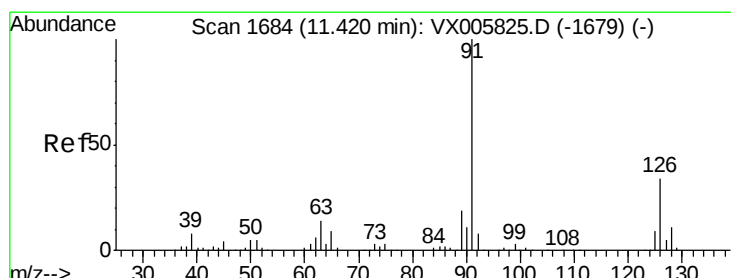
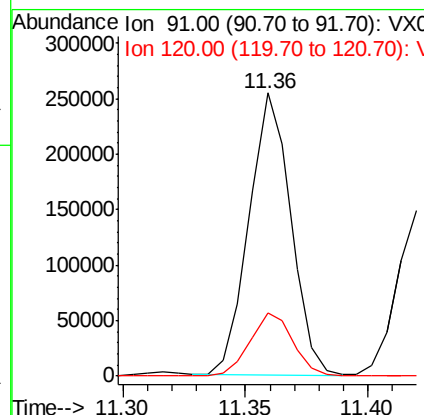
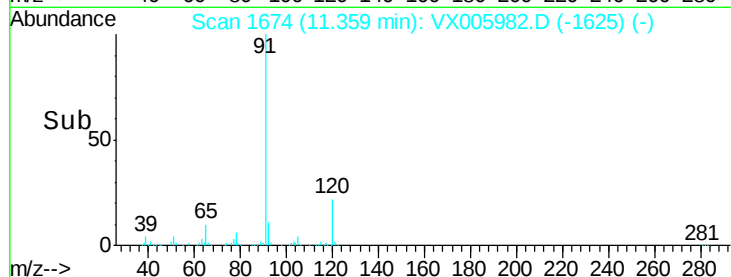
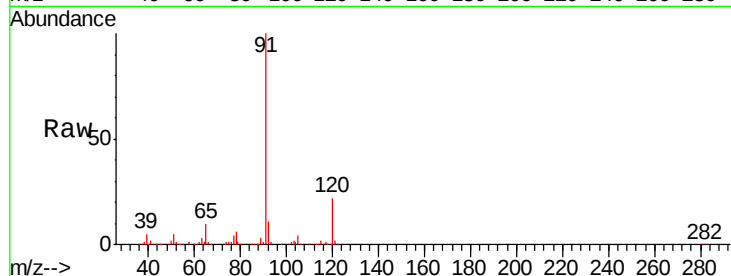
#78
n-propylbenzene
Concen: 54.20 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX005982.D
Acq: 14 Nov 2018 18:48

Instrument :
MSVOA_X
ClientSampled :
S36-0144MS

Tgt Ion: 91 Resp: 303059
Ion Ratio Lower Upper
91 100
120 23.3 11.9 35.5

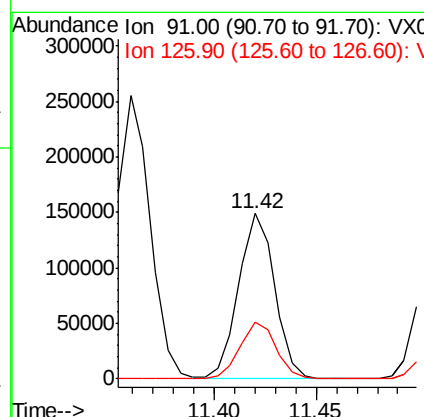
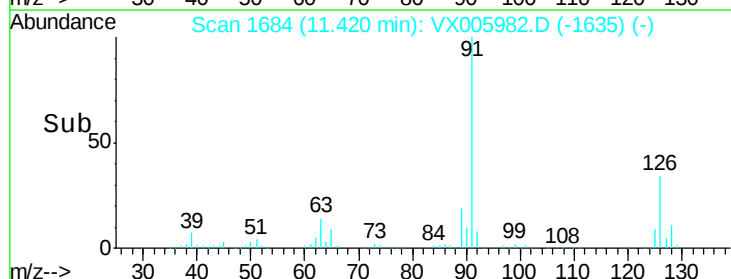
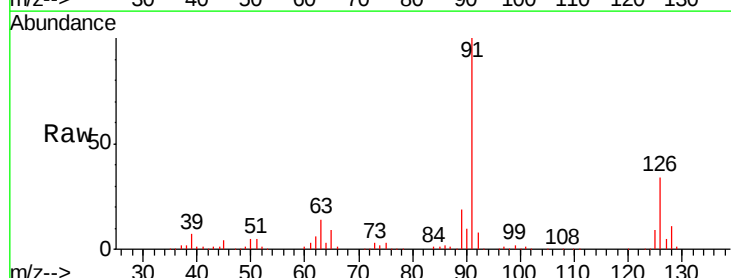
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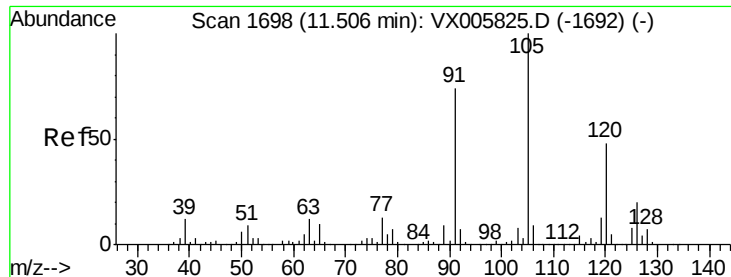
MMDadoda
11/15/2018 1:05:23 PM



#79
2-Chlorotoluene
Concen: 53.61 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VX005982.D
Acq: 14 Nov 2018 18:48

Tgt Ion: 91 Resp: 181194
Ion Ratio Lower Upper
91 100
126 34.8 17.3 52.0





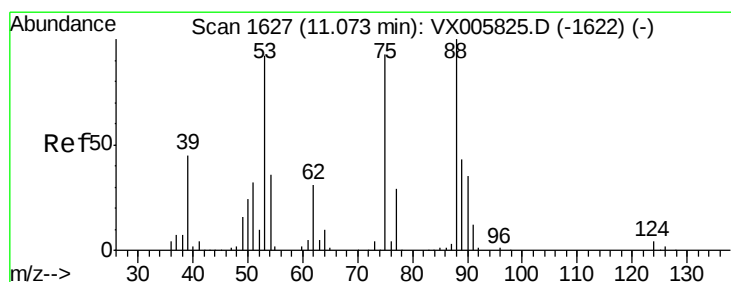
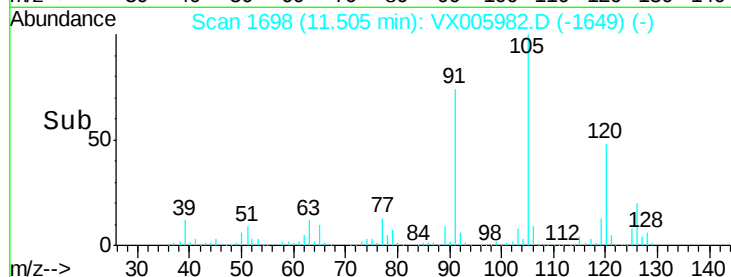
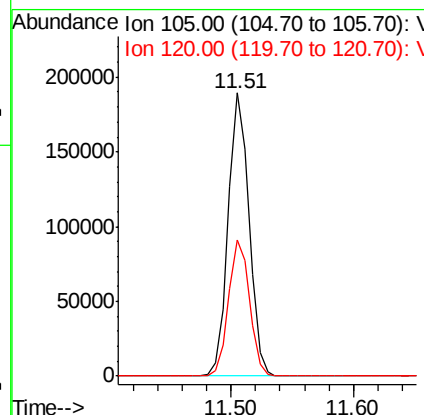
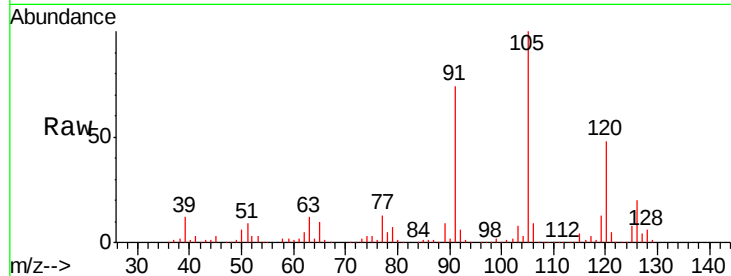
#80
 1,3,5-Trimethylbenzene
 Concen: 55.52 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005982.D
 Acq: 14 Nov 2018 18:48

Instrument :
 MSVOA_X
 ClientSampled :
 S36-0144MS

Tgt Ion: 105 Resp: 223853
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.1 72.2

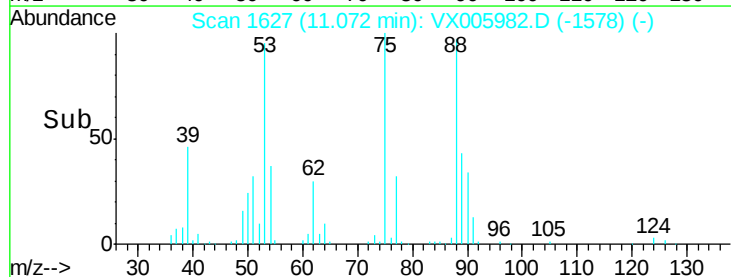
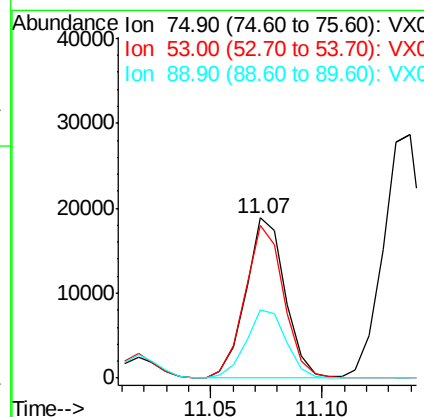
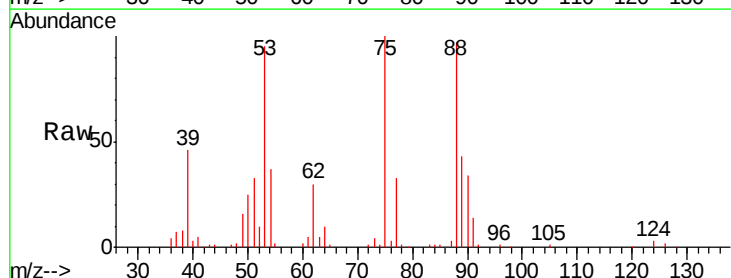
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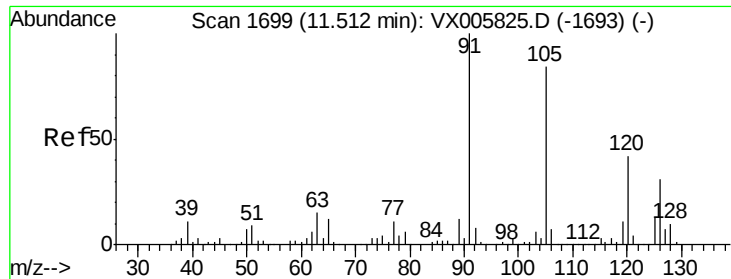
MMDadoda
 11/15/2018 1:05:23 PM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 44.46 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VX005982.D
 Acq: 14 Nov 2018 18:48

Tgt Ion: 75 Resp: 23304
 Ion Ratio Lower Upper
 75 100
 53 93.9 80.2 120.2
 89 43.5 39.8 59.8





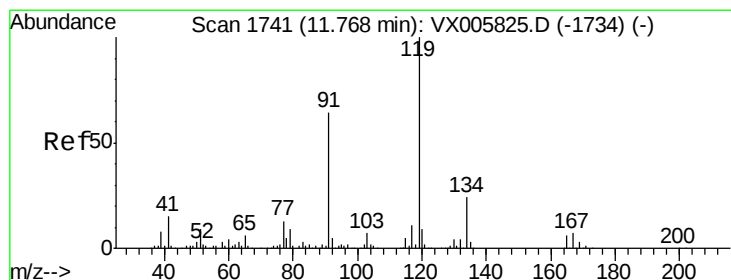
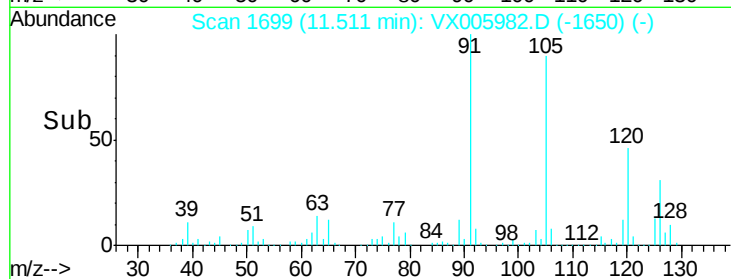
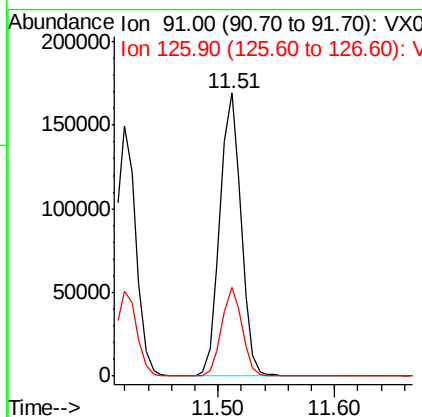
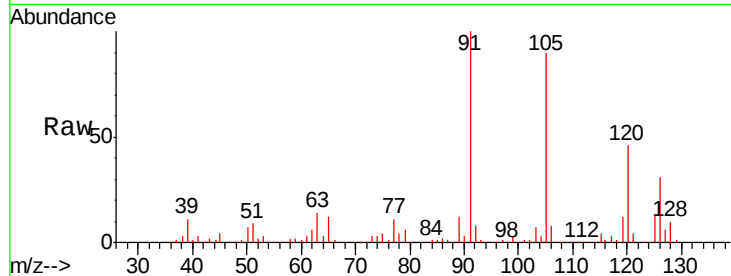
#82
4-Chlorotoluene
Concen: 53.28 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX005982.D
Acq: 14 Nov 2018 18:48

Instrument :
MSVOA_X
ClientSampleId :
S36-0144MS

Tgt Ion: 91 Resp: 212218
Ion Ratio Lower Upper
91 100
126 30.5 15.2 45.6

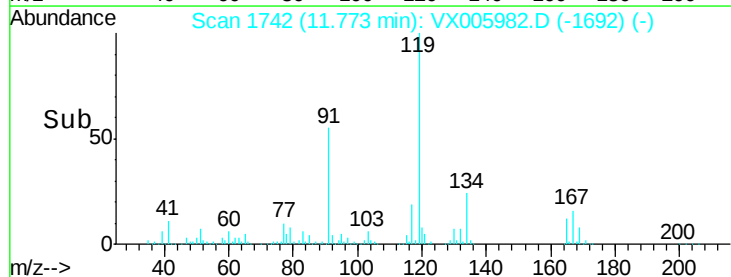
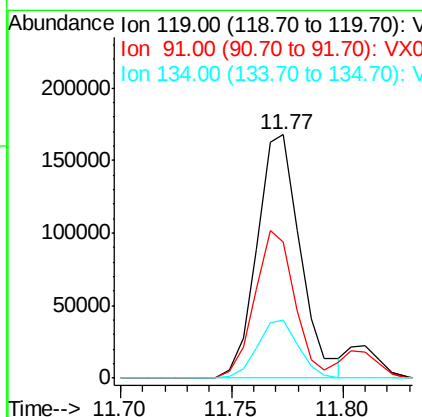
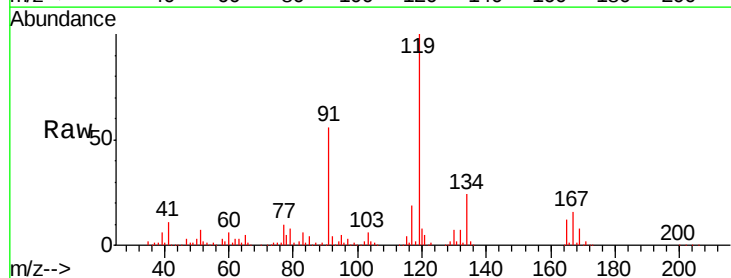
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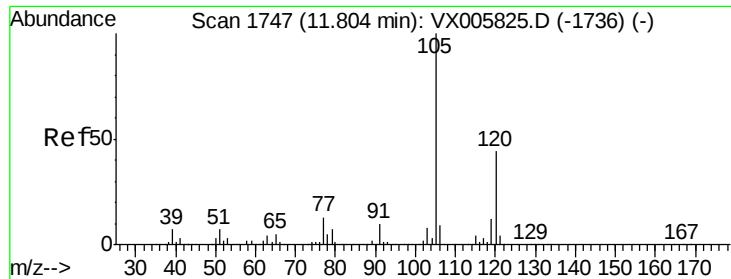
MMDadoda
11/15/2018 1:05:23 PM



#83
tert-Butylbenzene
Concen: 55.80 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. 0.01 min
Lab File: VX005982.D
Acq: 14 Nov 2018 18:48

Tgt Ion: 119 Resp: 227607
Ion Ratio Lower Upper
119 100
91 55.9 28.5 85.5
134 22.5 11.3 33.8





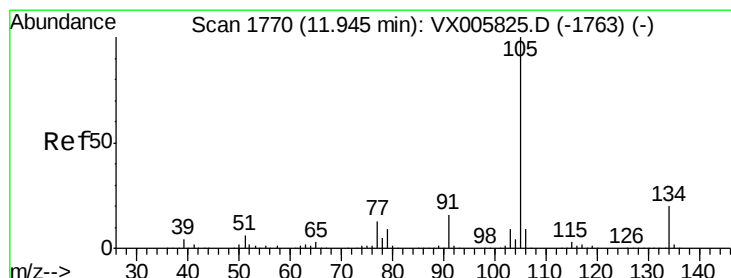
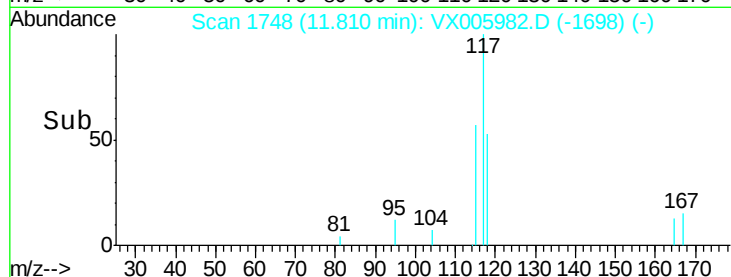
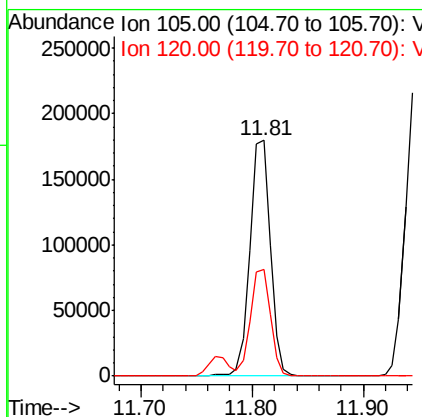
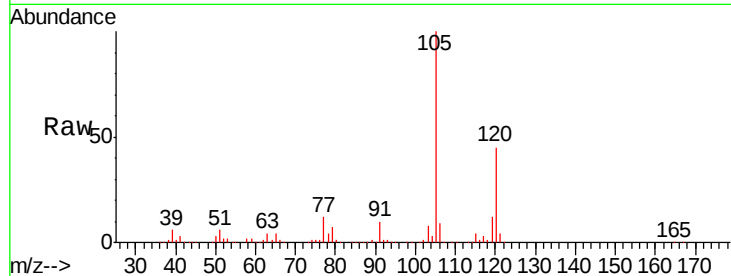
#84
 1,2,4-Trimethylbenzene
 Concen: 51.65 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: VX005982.D
 Acq: 14 Nov 2018 18:48

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0144MS

Tgt Ion:105 Resp: 229795
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.4 67.0

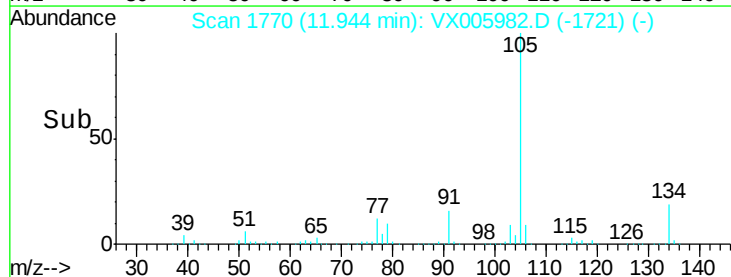
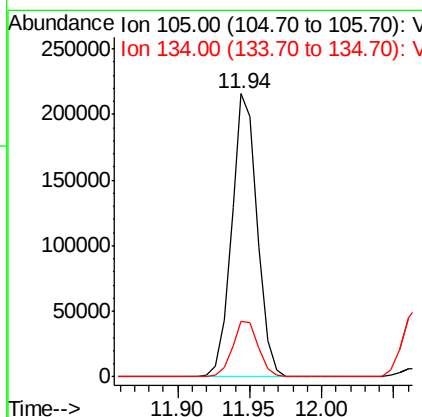
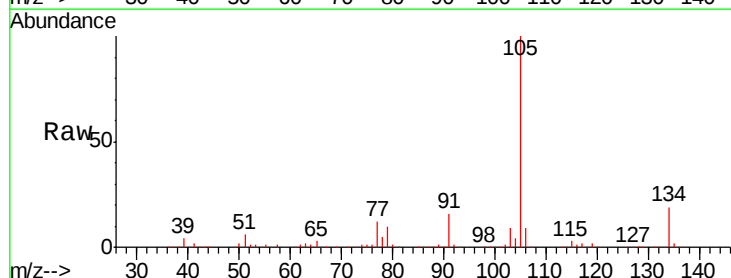
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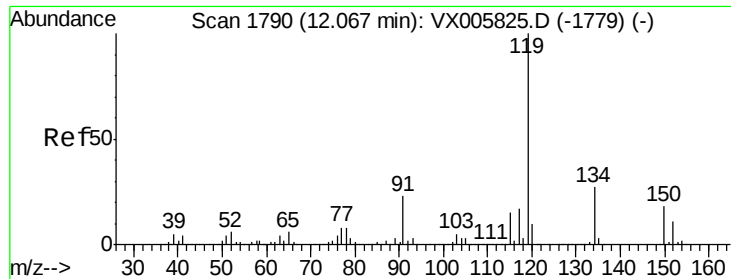
MMDadoda
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#85
 sec-Butylbenzene
 Concen: 53.37 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX005982.D
 Acq: 14 Nov 2018 18:48

Tgt Ion:105 Resp: 266218
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.2 30.4





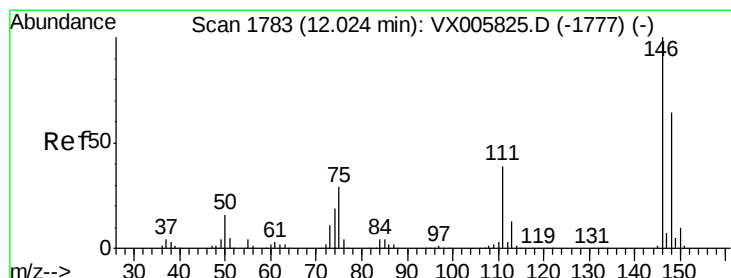
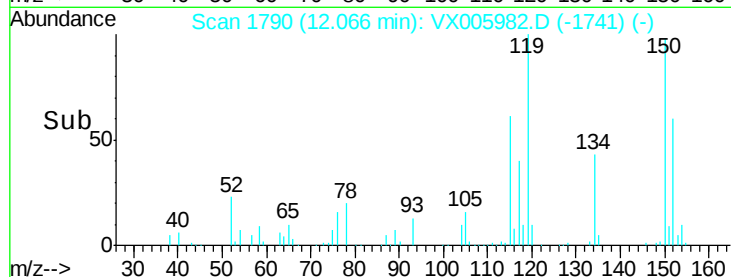
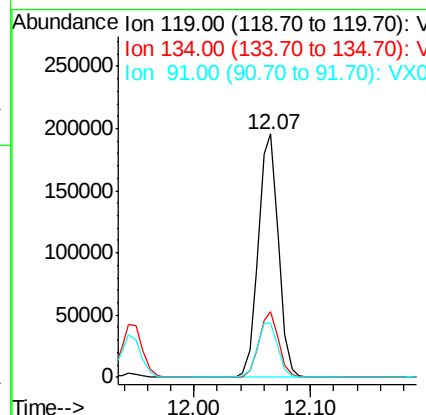
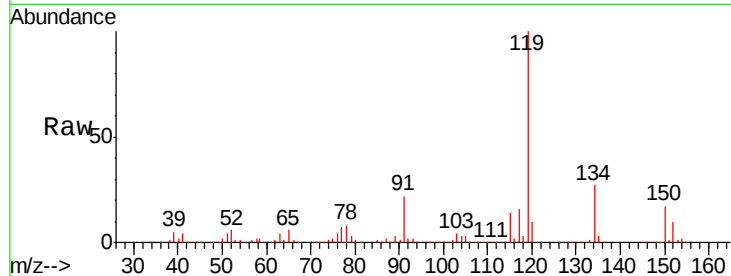
#86
p-Isopropyltoluene
Concen: 53.26 ug/l
RT: 12.07 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX005982.D
Acq: 14 Nov 2018 18:48

Instrument :
MSVOA_X
ClientSampleId :
S36-0144MS

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	235316		
134	26.3	13.0	39.0	
91	23.1	11.4	34.2	

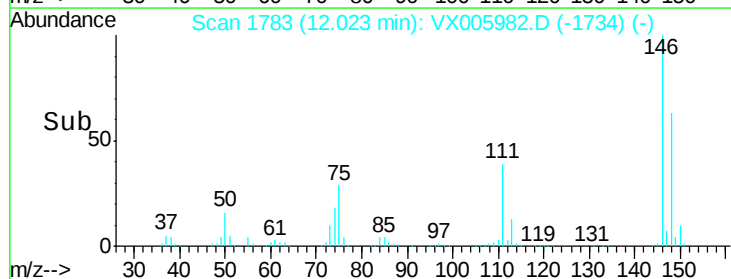
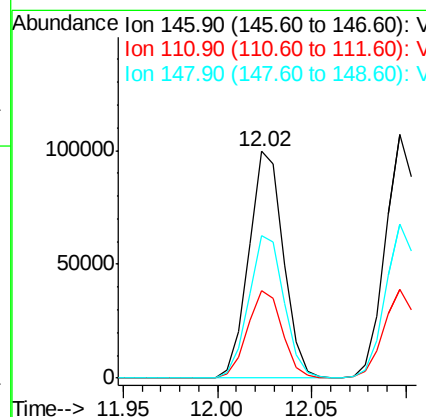
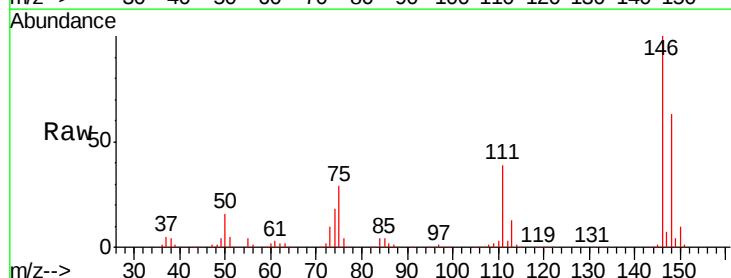
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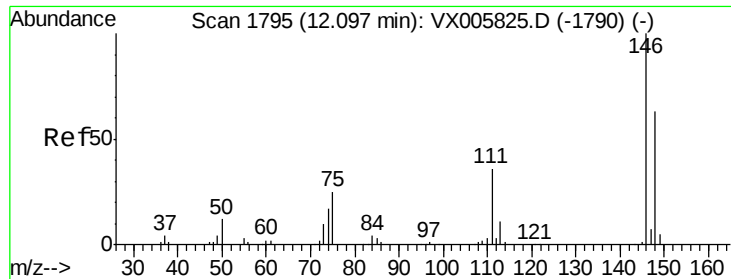
MMDadoda
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#87
1,3-Dichlorobenzene
Concen: 49.66 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX005982.D
Acq: 14 Nov 2018 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	127447		
111	38.7	19.0	57.0	
148	63.8	31.9	95.9	





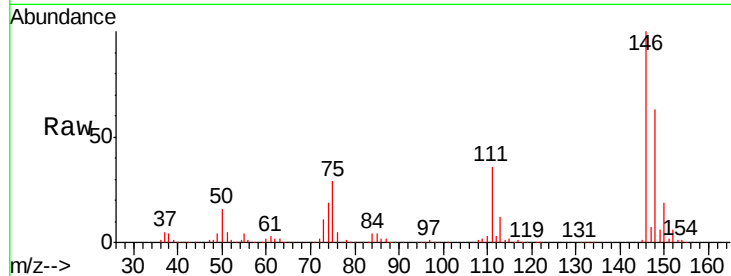
#88
1,4-Dichlorobenzene
Concen: 49.63 ug/l
RT: 12.10 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VX005982.D
Acq: 14 Nov 2018 18:48

Instrument :
MSVOA_X
ClientSampleId :
S36-0144MS

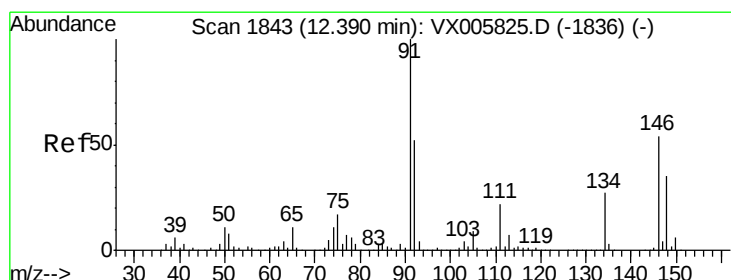
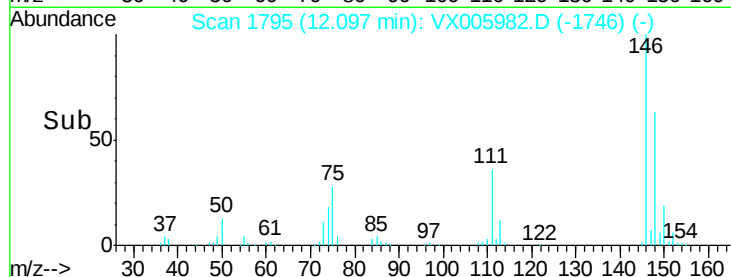
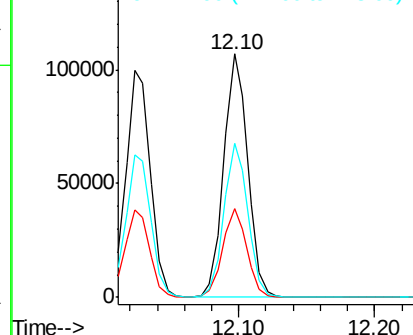
Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.6	55.8
148	63.4	32.1	96.3

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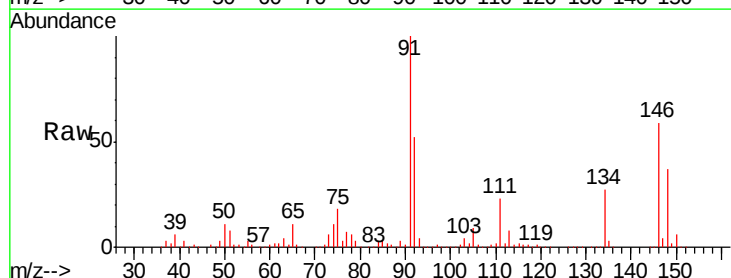


Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

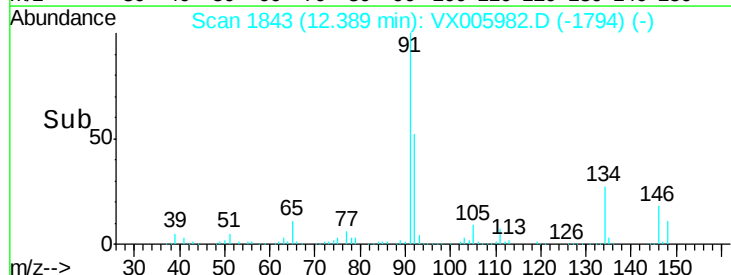
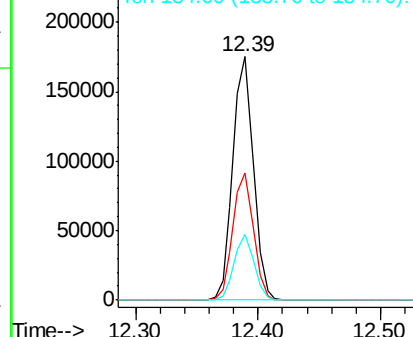


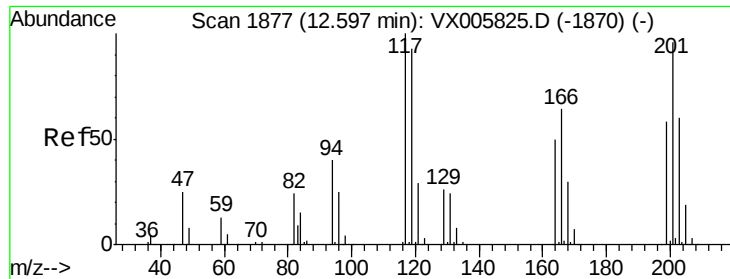
#89
n-Butylbenzene
Concen: 49.58 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005982.D
Acq: 14 Nov 2018 18:48

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.1	78.2
134	26.2	13.1	39.3



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V





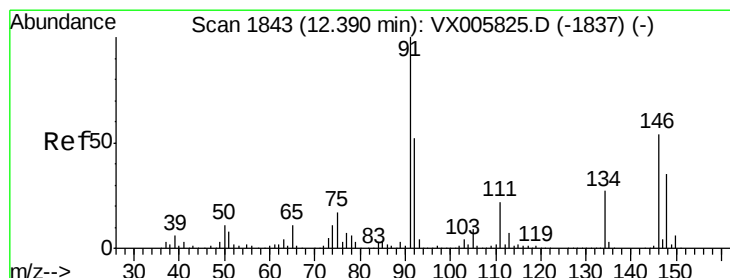
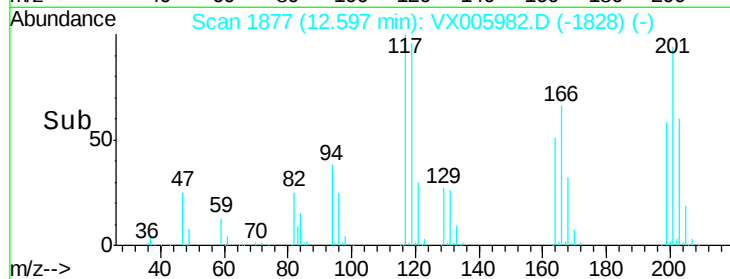
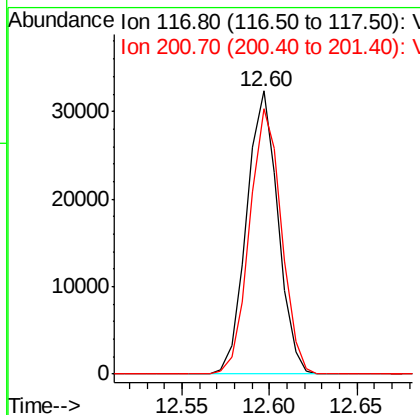
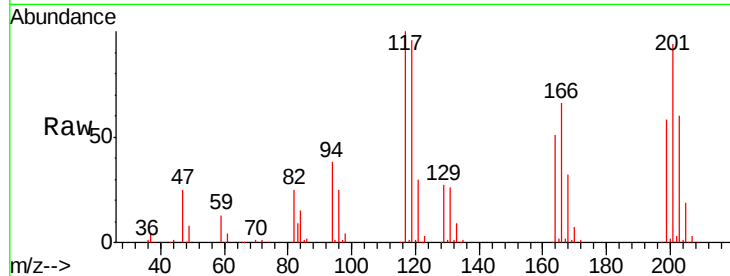
#90
Hexachloroethane
Concen: 54.73 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005982.D
Acq: 14 Nov 2018 18:48

Instrument :
MSVOA_X
ClientSampleId :
S36-0144MS

Tgt Ion:117 Resp: 40369
Ion Ratio Lower Upper
117 100
201 94.9 47.9 143.6

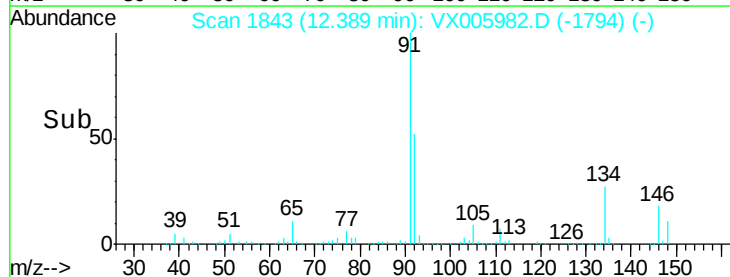
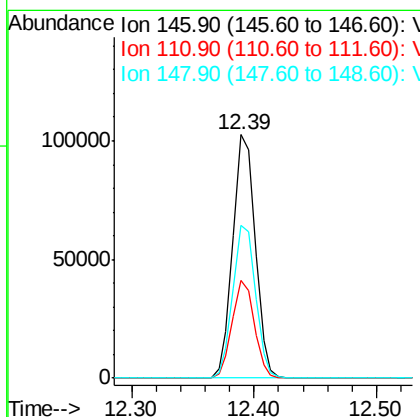
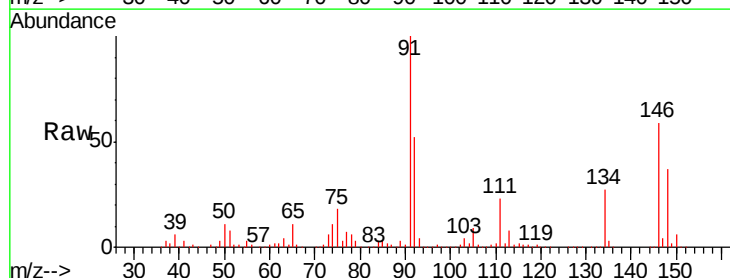
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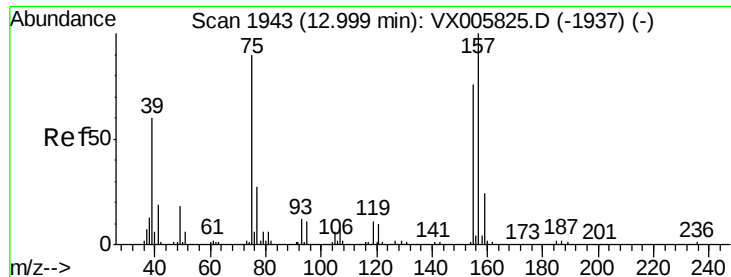
MMDadoda
11/15/2018 1:05:23 PM



#91
1,2-Dichlorobenzene
Concen: 50.62 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005982.D
Acq: 14 Nov 2018 18:48

Tgt Ion:146 Resp: 130131
Ion Ratio Lower Upper
146 100
111 39.3 20.0 59.9
148 63.5 32.2 96.6





#92

1,2-Dibromo-3-Chloropropane

Concen: 53.65 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX005982.D

Acq: 14 Nov 2018 18:48

Instrument :

MSVOA_X

ClientSampleId :

S36-0144MS

Tgt Ion: 75 Resp: 22798

Ion Ratio Lower Upper

75 100

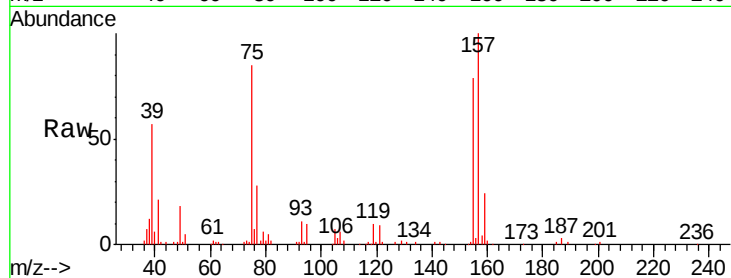
155 94.4 45.4 136.1

157 120.5 57.4 172.0

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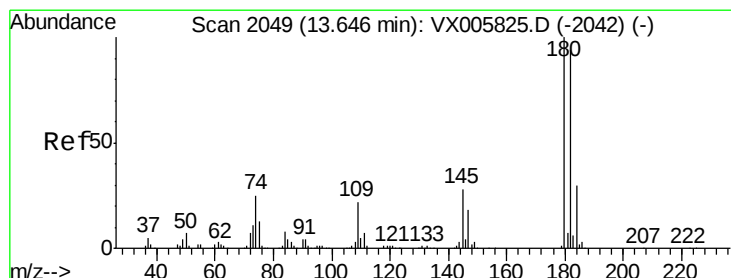
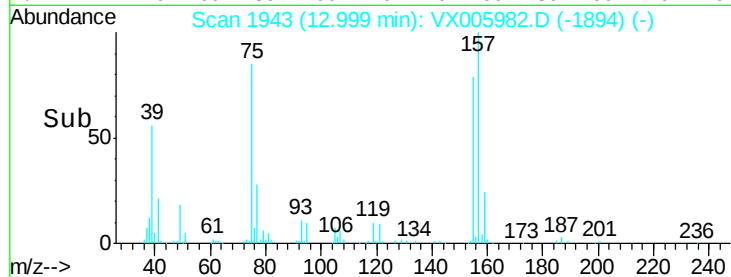
Abundance Ion 74.90 (74.60 to 75.60): VX005982.D (-1937) (-)

Ion 154.80 (154.50 to 155.50): VX005982.D (-1937) (-)

Ion 156.80 (156.50 to 157.50): VX005982.D (-1937) (-)

13.00

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 52.86 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX005982.D

Acq: 14 Nov 2018 18:48

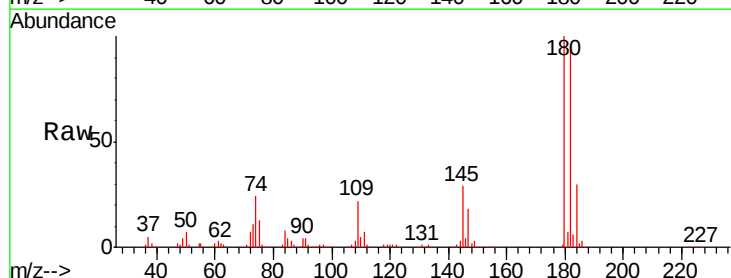
Tgt Ion: 180 Resp: 95673

Ion Ratio Lower Upper

180 100

182 95.4 47.6 142.8

145 28.0 14.1 42.2



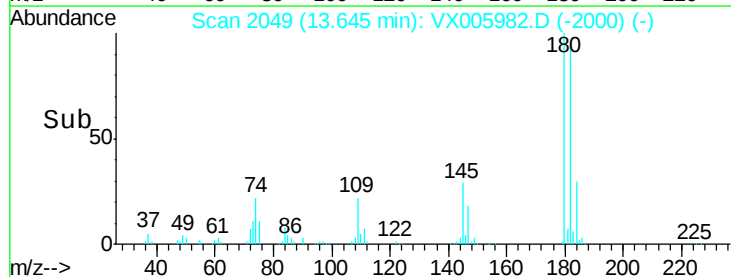
Abundance Ion 179.80 (179.50 to 180.50): VX005982.D (-2042) (-)

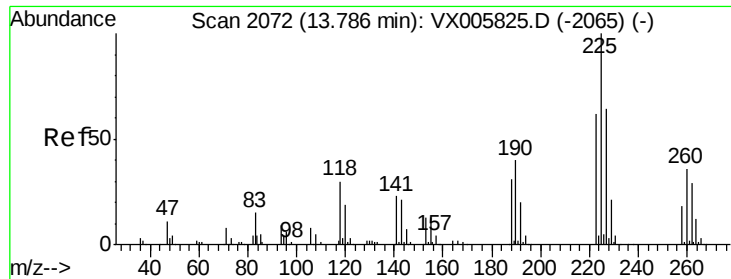
Ion 181.80 (181.50 to 182.50): VX005982.D (-2042) (-)

Ion 144.80 (144.50 to 145.50): VX005982.D (-2042) (-)

13.65

Time-->





#94

Hexachlorobutadiene

Concen: 45.03 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.01 min

Lab File: VX005982.D

Acq: 14 Nov 2018 18:48

Instrument :

MSVOA_X

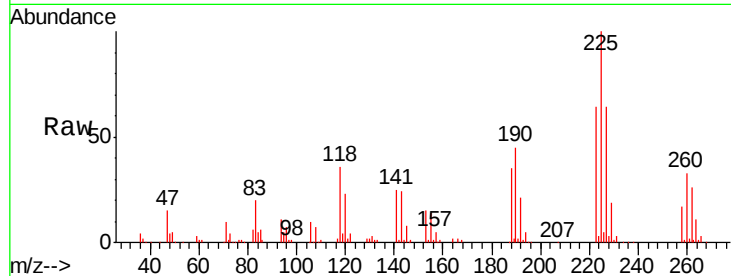
ClientSampleId :

S36-0144MS

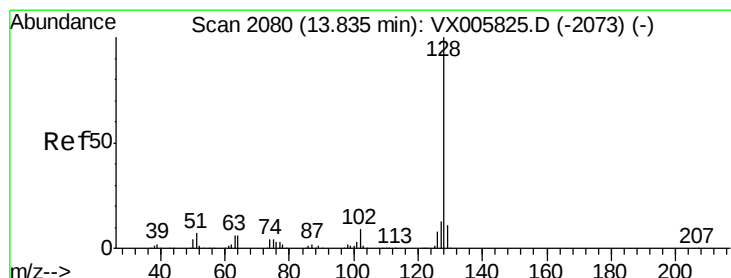
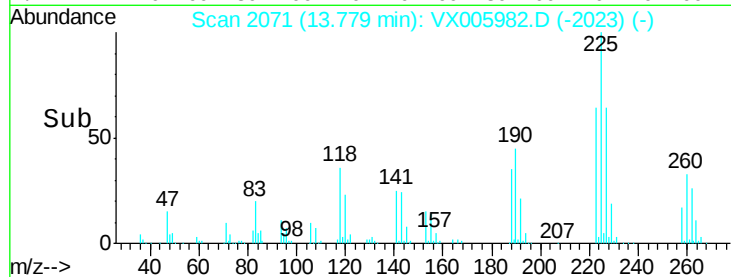
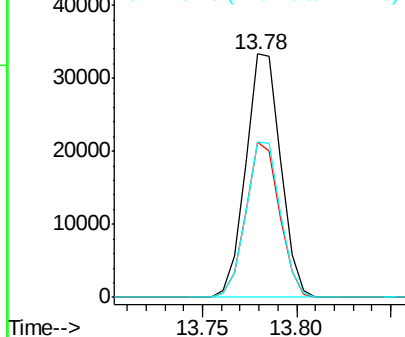
Tgt Ion:	225	Resp:	42813
Ion Ratio	Lower	Upper	
225	100		
223	61.6	31.7	95.1
227	63.0	32.3	96.9

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Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 51.99 ug/l

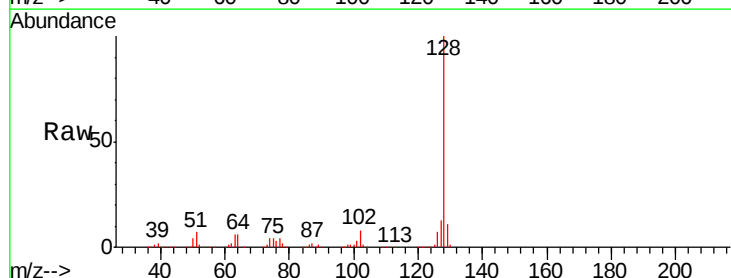
RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

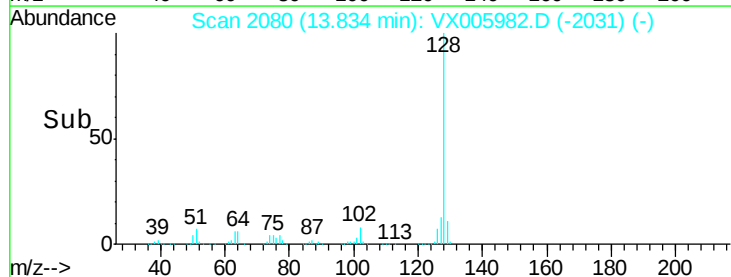
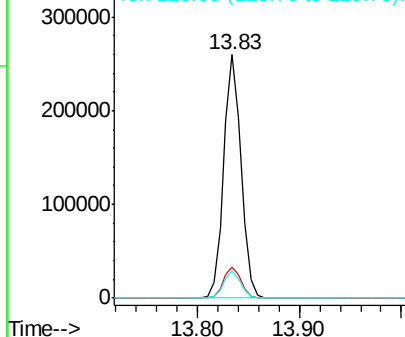
Lab File: VX005982.D

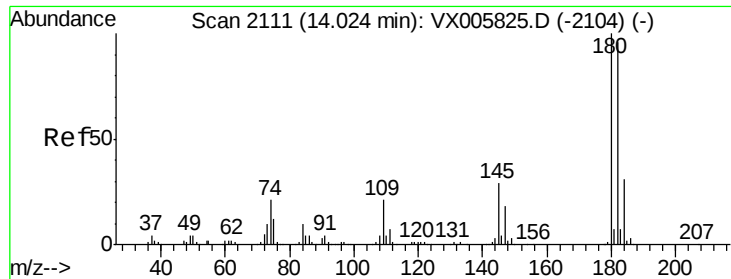
Acq: 14 Nov 2018 18:48

Tgt Ion:	128	Resp:	307163
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.4	15.6
129	11.0	8.7	13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 53.76 ug/l
 RT: 14.02 min Scan# 2111
 Delta R.T. -0.00 min
 Lab File: VX005982.D
 Acq: 14 Nov 2018 18:48

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0144MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.1	48.0	144.2
145	29.4	15.1	45.3

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