

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX072018\
 Data File : VX003523.D
 Acq On : 20 Jul 2018 22:17
 Operator : JC/SP
 Sample : VX0720WBSD03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBSD03

Manual Integrations
 APPROVED

MMDadoda
 7/23/2018 12:36:08 PM

Quant Time: Jul 21 03:59:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	291265	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	417818	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	387195	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	231983	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	186085	53.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.94%	
35) Dibromofluoromethane	5.51	113	165014	51.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.70%	
50) Toluene-d8	8.72	98	632739	52.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.80%	
62) 4-Bromofluorobenzene	11.14	95	223730	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	50130	21.266	ug/l	98
3) Chloromethane	1.32	50	65881	22.337	ug/l	97
4) Vinyl Chloride	1.40	62	74346	20.093	ug/l	100
5) Bromomethane	1.64	94	37365	24.100	ug/l	100
6) Chloroethane	1.72	64	47852	21.855	ug/l	99
7) Trichlorofluoromethane	1.93	101	104160	21.100	ug/l	93
8) Diethyl Ether	2.19	74	44533	21.005	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	66092	20.456	ug/l	96
10) Methyl Iodide	2.51	142	81762	21.066	ug/l	94
11) Tert butyl alcohol	3.07	59	80942	118.640	ug/l	99
12) 1,1-Dichloroethene	2.37	96	61648	20.723	ug/l	91
13) Acrolein	2.29	56	27836	90.301	ug/l	98
14) Allyl chloride	2.73	41	115836	21.996	ug/l	87
15) Acrylonitrile	3.15	53	193562	111.437	ug/l	99
16) Acetone	2.45	43	153691	118.013	ug/l #	88
17) Carbon Disulfide	2.57	76	164971	20.504	ug/l	99
18) Methyl Acetate	2.78	43	97801	23.821	ug/l	93
19) Methyl tert-butyl Ether	3.21	73	211826	21.806	ug/l	99
20) Methylene Chloride	2.86	84	72457	22.274	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	68631	20.735	ug/l	86
22) Diisopropyl ether	3.87	45	214371	21.633	ug/l	97
23) Vinyl Acetate	3.82	43	852926	104.492	ug/l	97
24) 1,1-Dichloroethane	3.70	63	124615	21.433	ug/l	100
25) 2-Butanone	4.71	43	243906	111.625	ug/l	93
26) 2,2-Dichloropropane	4.59	77	73717	16.694	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	75841	20.578	ug/l	92
28) Bromochloromethane	5.03	49	55172	21.710	ug/l	89
29) Tetrahydrofuran	5.17	42	163739	113.438	ug/l	94
30) Chloroform	5.21	83	123172	21.695	ug/l	99
31) Cyclohexane	5.57	56	104990	20.211	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	103542	21.298	ug/l	98
36) 1,1-Dichloropropene	5.80	75	90040	19.960	ug/l	99
37) Ethyl Acetate	4.87	43	92019	21.557	ug/l #	94
38) Carbon Tetrachloride	5.79	117	90764	20.512	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	105020	19.656	ug/l	95
40) Benzene	6.15	78	282462	20.739	ug/l	99
41) Methacrylonitrile	5.07	41	52886	21.080	ug/l	93
42) 1,2-Dichloroethane	6.20	62	91994	21.437	ug/l	95
43) Isopropyl Acetate	6.47	43	144450	21.273	ug/l	94
44) Trichloroethene	7.21	130	83086	20.455	ug/l	100
45) 1,2-Dichloropropane	7.52	63	73073	21.129	ug/l	99
46) Dibromomethane	7.67	93	47655	21.404	ug/l	97
47) Bromodichloromethane	7.90	83	85894	21.073	ug/l	96
48) Methyl methacrylate	7.78	41	73052	21.333	ug/l	85
49) 1,4-Dioxane	7.76	88	33094	426.532	ug/l #	95
51) 4-Methyl-2-Pentanone	8.65	43	491308	114.529	ug/l	93
52) Toluene	8.79	92	177938	20.755	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	102377	20.406	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	91172	20.208	ug/l	91
55) 1,1,2-Trichloroethane	9.22	97	71718	21.023	ug/l	96
56) Ethyl methacrylate	9.18	69	100187	20.850	ug/l #	85
57) 1,3-Dichloropropane	9.37	76	117037	21.224	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	240209	102.809	ug/l	98
59) 2-Hexanone	9.50	43	362912	114.180	ug/l	91
60) Dibromochloromethane	9.59	129	69609	20.614	ug/l	99
61) 1,2-Dibromoethane	9.68	107	73197	20.698	ug/l	99
64) Tetrachloroethene	9.34	164	97197	20.604	ug/l	97
65) Chlorobenzene	10.14	112	199543	20.002	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	70410	20.513	ug/l	99
67) Ethyl Benzene	10.26	91	326591	20.361	ug/l	99
68) m/p-Xylenes	10.36	106	257196	40.900	ug/l	96
69) o-Xylene	10.70	106	122582	20.159	ug/l	98
70) Styrene	10.71	104	205102	20.505	ug/l	97
71) Bromoform	10.86	173	52111	19.540	ug/l	99
73) Isopropylbenzene	11.02	105	329485	20.536	ug/l	99
74) N-amyl acetate	6.47	43	144450	21.204	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	100034	21.277	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	91802m	22.028	ug/l	
77) Bromobenzene	11.26	156	91326	19.791	ug/l	99
78) n-propylbenzene	11.36	91	371688	20.841	ug/l	99
79) 2-Chlorotoluene	11.42	91	222414	20.543	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	274383	20.810	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	24119	18.026	ug/l	96
82) 4-Chlorotoluene	11.51	91	262317	20.678	ug/l	98
83) tert-Butylbenzene	11.77	119	259139	20.069	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	281688	20.995	ug/l	98
85) sec-Butylbenzene	11.95	105	321767	20.516	ug/l	100
86) p-Isopropyltoluene	12.07	119	288242	20.478	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	164710	19.418	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	168270	19.258	ug/l	100
89) n-Butylbenzene	12.39	91	234392	19.611	ug/l	100
90) Hexachloroethane	12.60	117	37998	18.990	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	166802	19.952	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19043	20.813	ug/l	93

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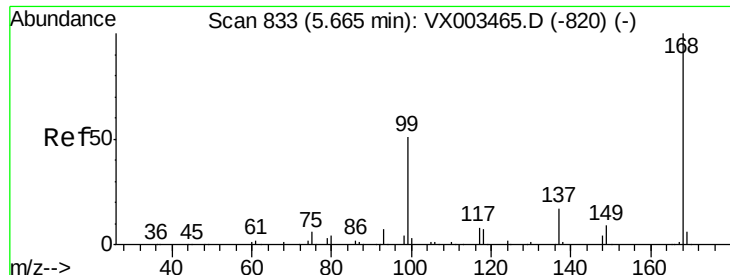
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	111384	18.179	ug/l	98
94) Hexachlorobutadiene	13.79	225	53179	18.047	ug/l	99
95) Naphthalene	13.83	128	327735	20.356	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	116503	19.208	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003523.D

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Instrument :

MSVOA_X

ClientSampleId :

VX0720WBSD03

Tgt Ion: 168 Resp: 291265

Ion Ratio Lower Upper

168 100

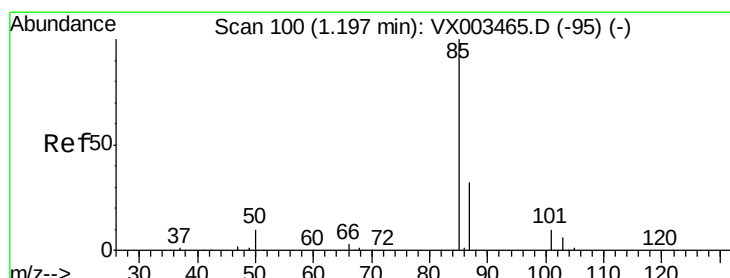
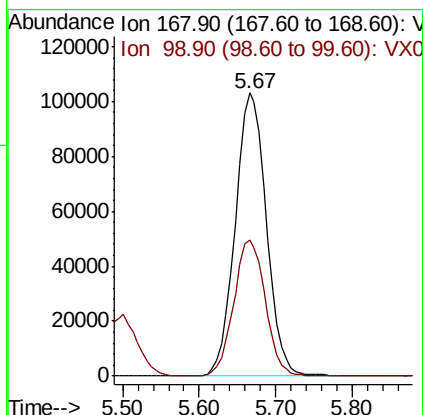
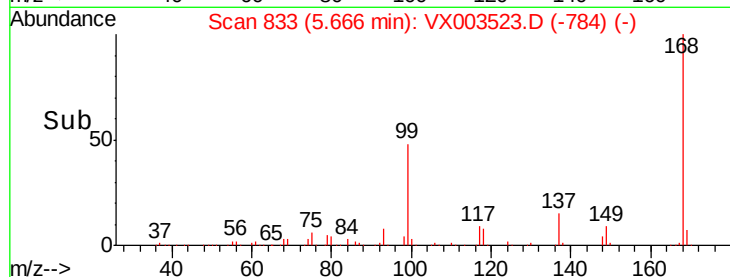
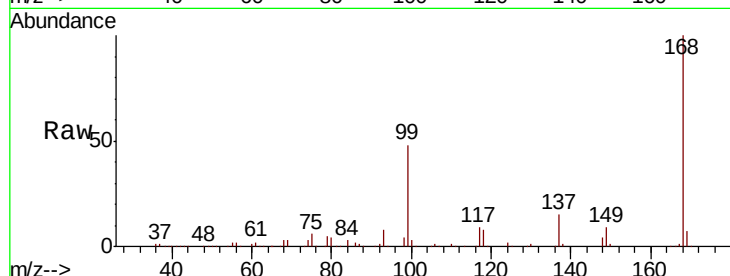
99 48.2 39.3 58.9

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 21.266 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003523.D

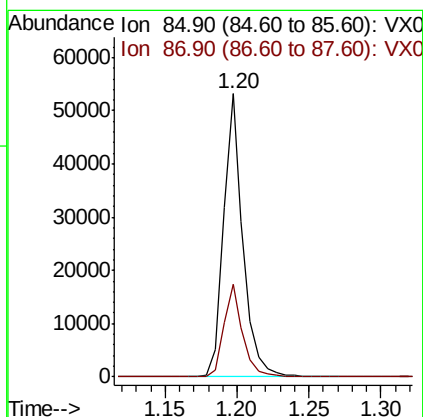
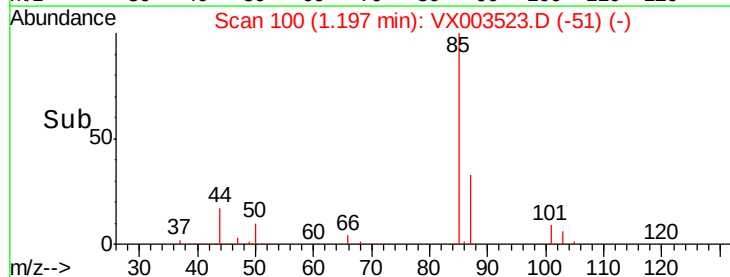
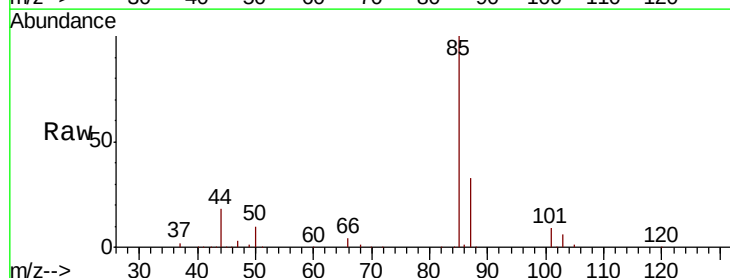
Acq: 20 Jul 2018 22:17

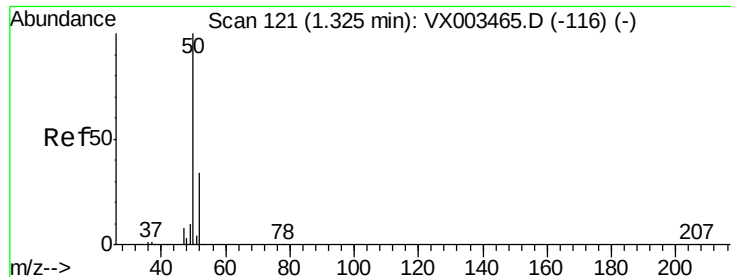
Tgt Ion: 85 Resp: 50130

Ion Ratio Lower Upper

85 100

87 32.8 16.0 47.9





#3

Chloromethane

Concen: 22.337 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003523.D

Acq: 20 Jul 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBSD03

Tgt Ion: 50 Resp: 65881

Ion Ratio Lower Upper

50 100

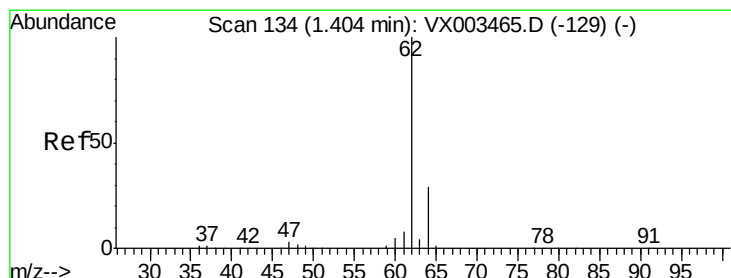
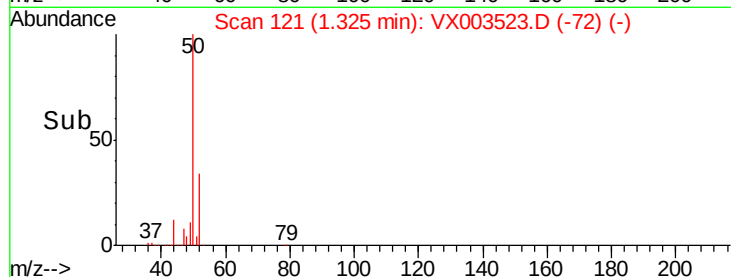
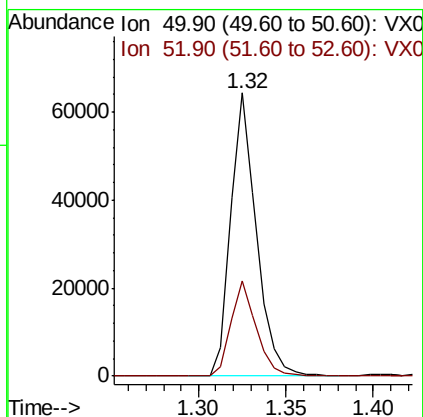
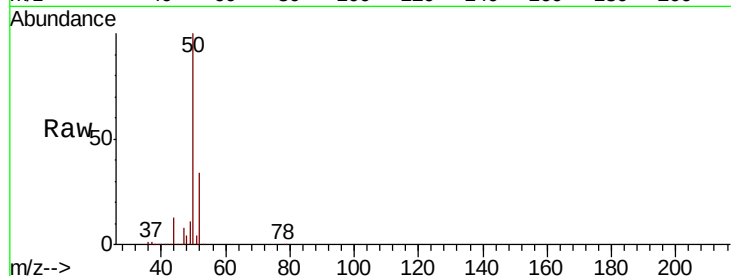
52 33.8 25.7 38.5

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#4

Vinyl Chloride

Concen: 20.093 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003523.D

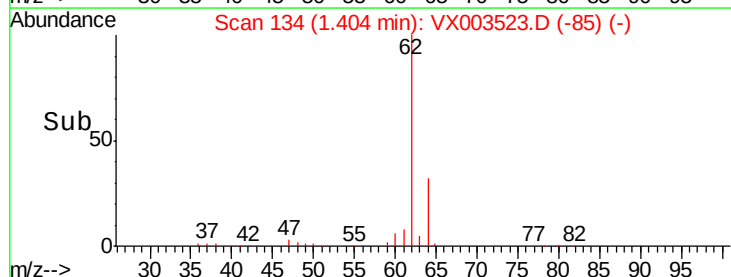
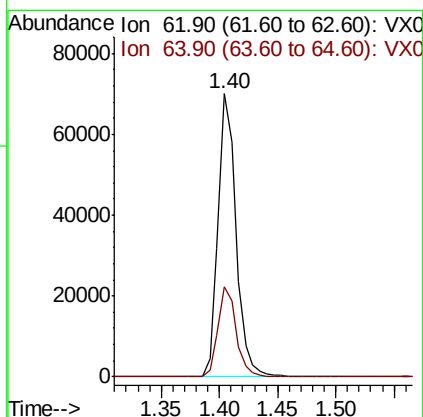
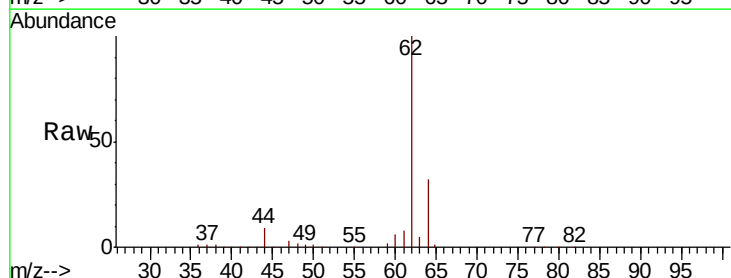
Acq: 20 Jul 2018 22:17

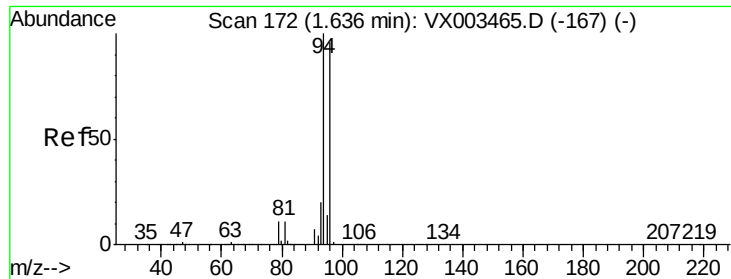
Tgt Ion: 62 Resp: 74346

Ion Ratio Lower Upper

62 100

64 32.0 25.4 38.2





#5

Bromomethane

Concen: 24.100 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003523.D

Acq: 20 Jul 2018 22:17

Instrument :

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ClientSampleId :

VX0720WBSD03

Tgt Ion: 94 Resp: 37365

Ion Ratio Lower Upper

94 100

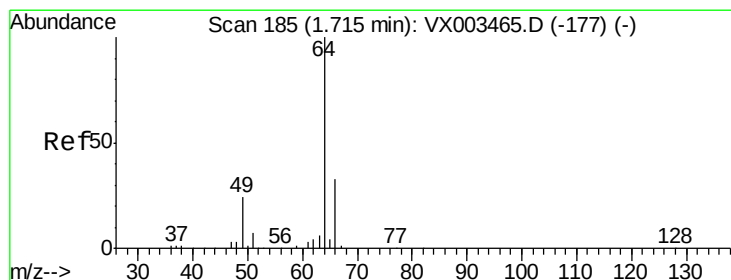
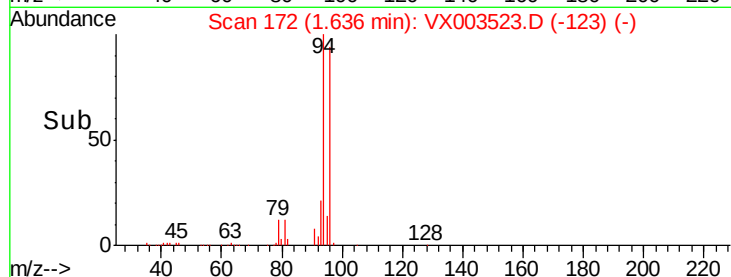
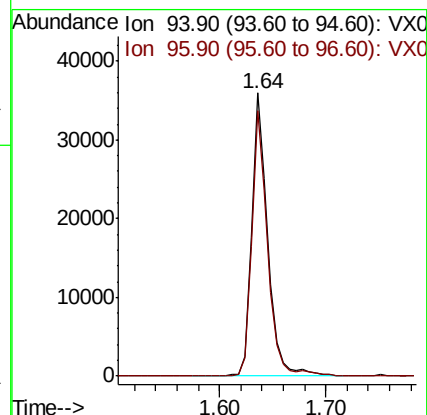
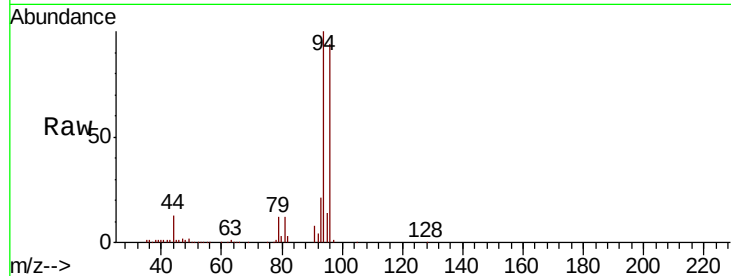
96 93.8 74.9 112.3

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#6

Chloroethane

Concen: 21.855 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX003523.D

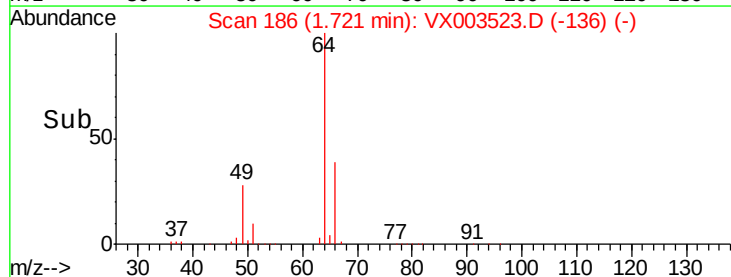
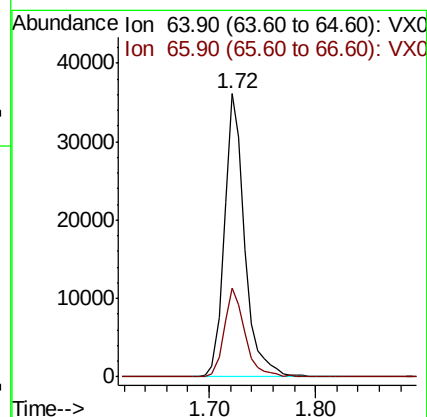
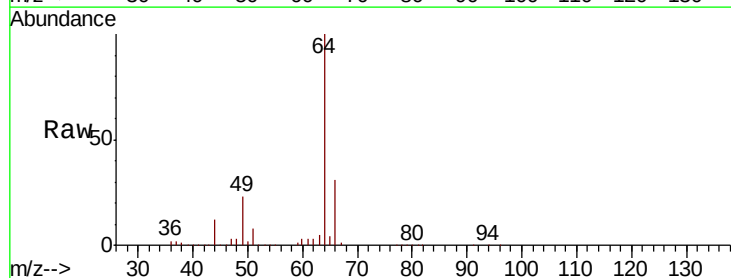
Acq: 20 Jul 2018 22:17

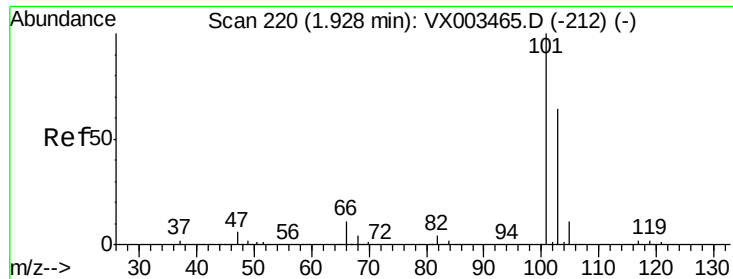
Tgt Ion: 64 Resp: 47852

Ion Ratio Lower Upper

64 100

66 31.4 25.5 38.3





#7

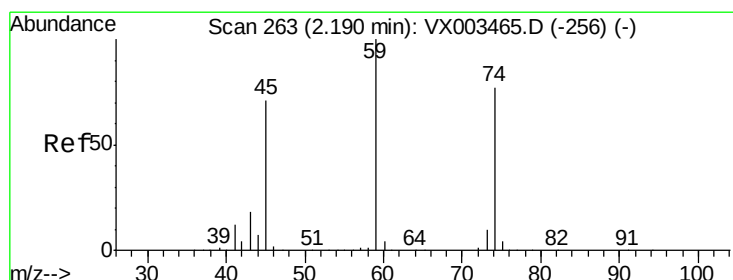
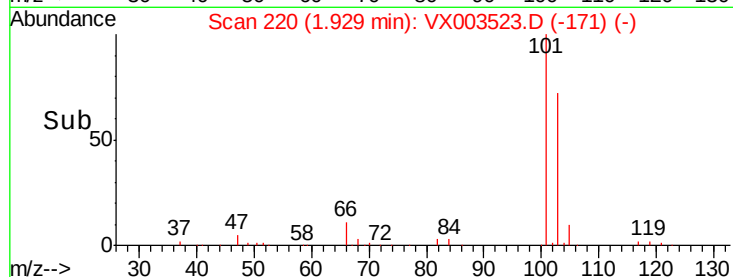
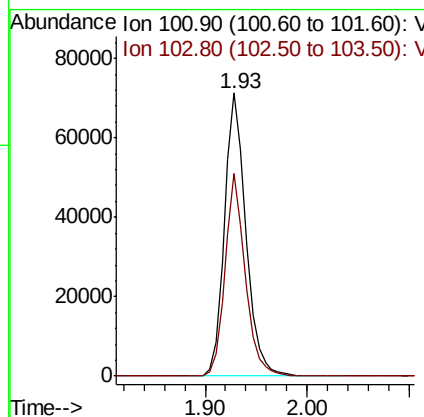
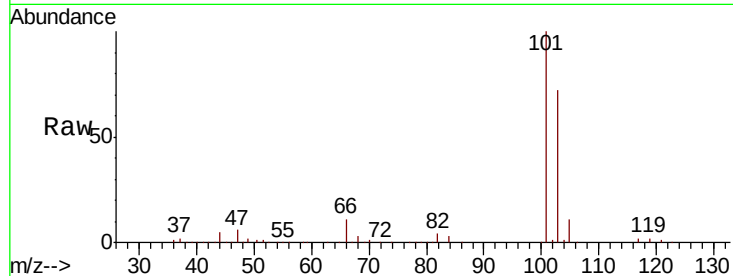
Trichlorofluoromethane
 Concen: 21.100 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VX003523.D
 Acq: 20 Jul 2018 22:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBSD03

Tgt Ion: 101 Resp: 104160
 Ion Ratio Lower Upper
 101 100
 103 71.7 52.8 79.2

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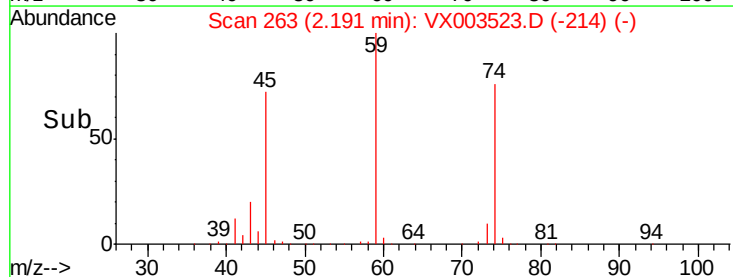
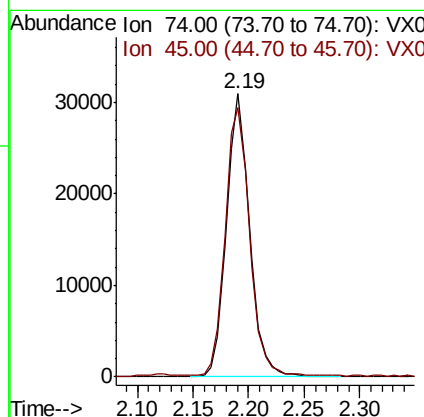
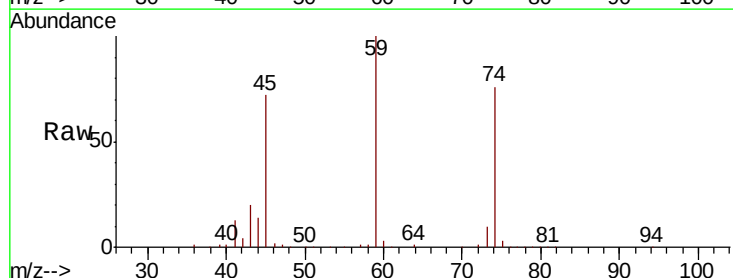
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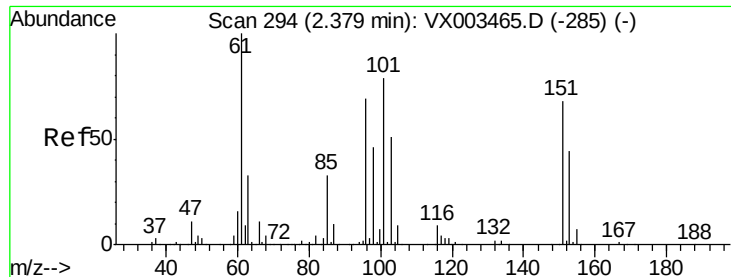


#8

Diethyl Ether
 Concen: 21.005 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003523.D
 Acq: 20 Jul 2018 22:17

Tgt Ion: 74 Resp: 44533
 Ion Ratio Lower Upper
 74 100
 45 100.3 53.1 159.4





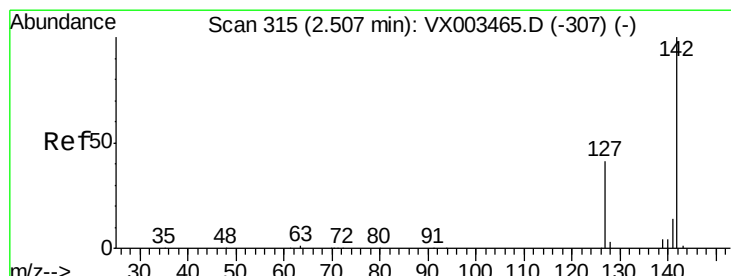
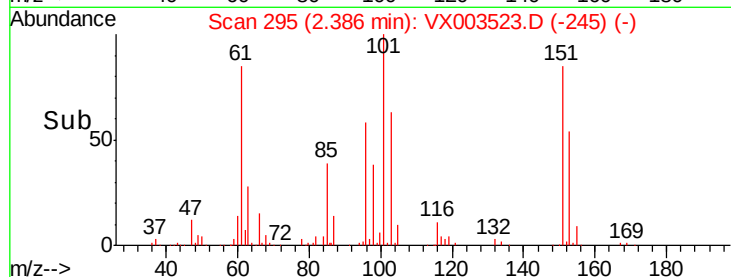
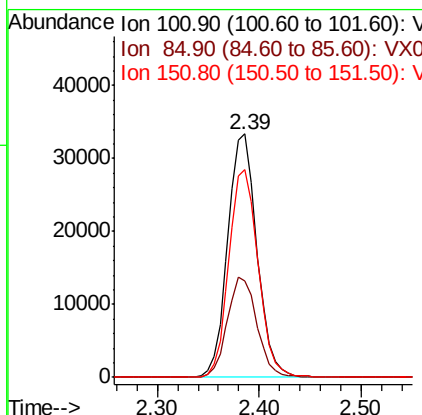
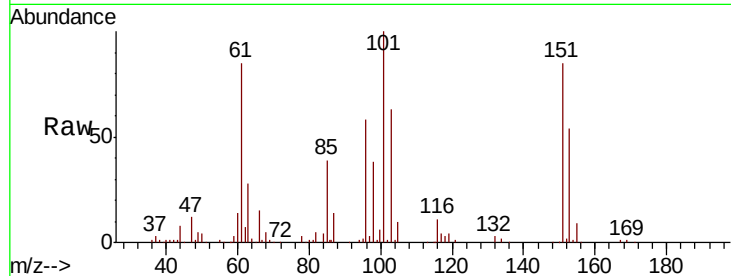
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.456 ug/l
 RT: 2.39 min Scan# 295
 Delta R.T. 0.01 min
 Lab File: VX003523.D
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 VX0720WBSD03

Tgt Ion:101 Resp: 66092
 Ion Ratio Lower Upper
 101 100
 85 41.7 36.0 54.0
 151 85.5 70.9 106.3

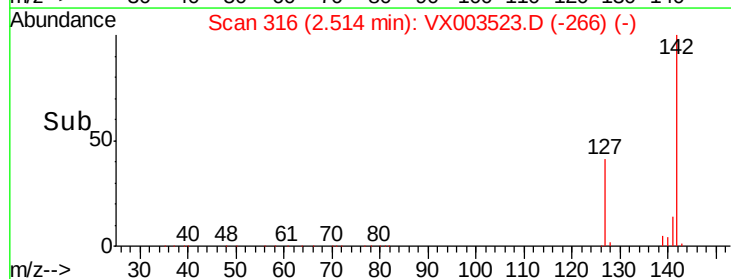
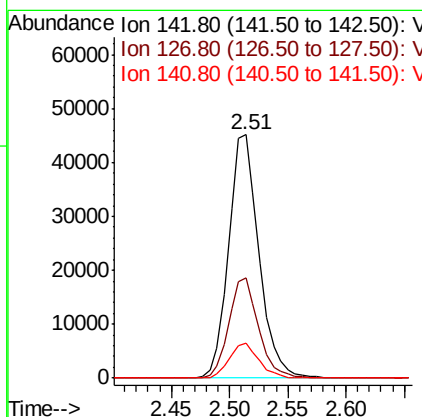
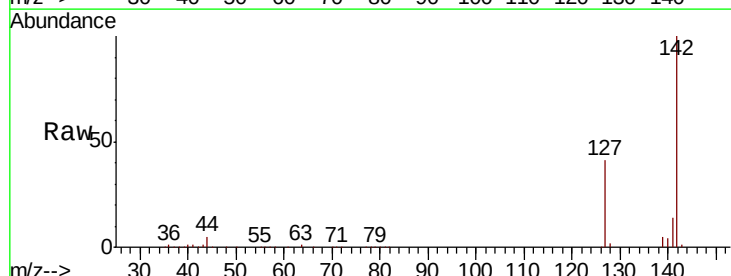
Manual Integrations
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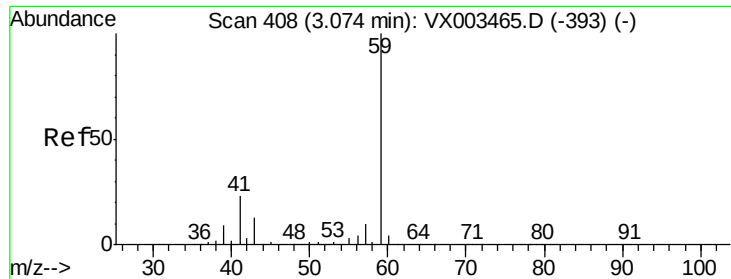
MMDadoda
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#10
 Methyl Iodide
 Concen: 21.066 ug/l
 RT: 2.51 min Scan# 316
 Delta R.T. 0.01 min
 Lab File: VX003523.D
 Acq: 20 Jul 2018 22:17

Tgt Ion:142 Resp: 81762
 Ion Ratio Lower Upper
 142 100
 127 40.3 36.6 55.0
 141 13.9 11.3 16.9





#11

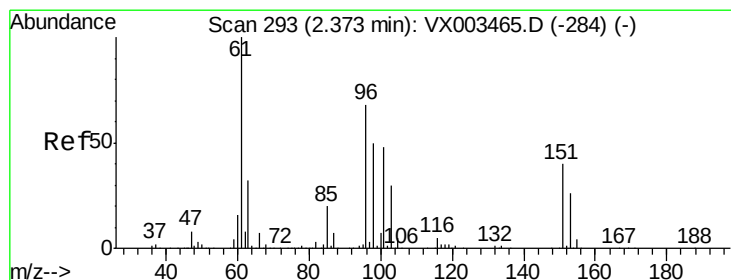
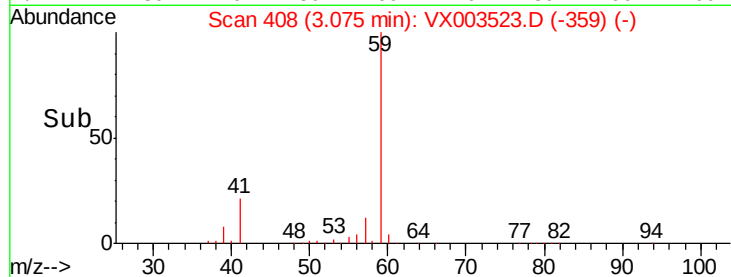
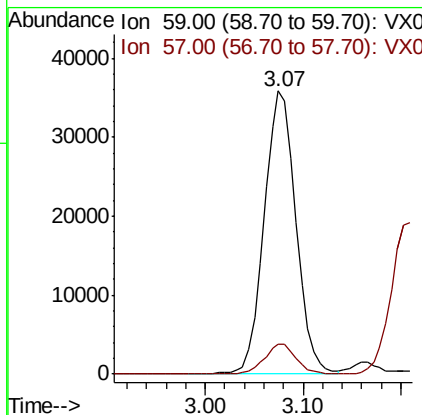
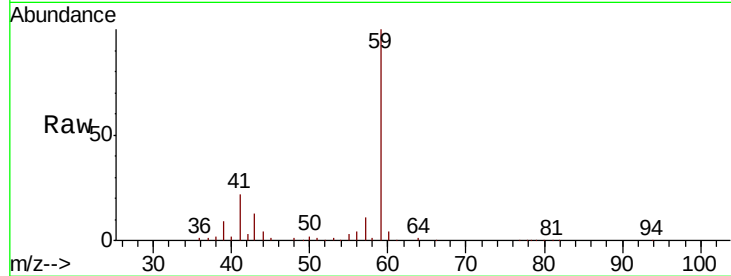
Tert butyl alcohol
Concen: 118.640 ug/l
RT: 3.07 min Scan# 408
Delta R.T. 0.00 min
Lab File: VX003523.D
Acq: 20 Jul 2018 22:17

Instrument :
MSVOA_X
ClientSampleId :
VX0720WBSD03

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.2	12.2

Manual Integrations
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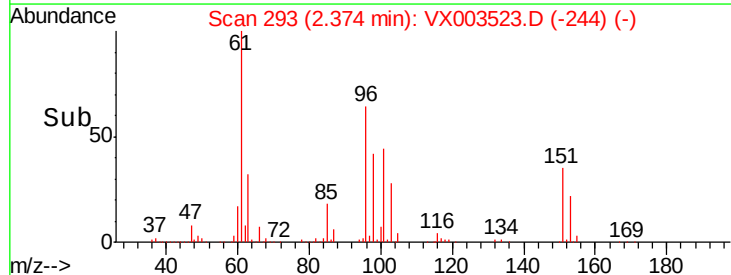
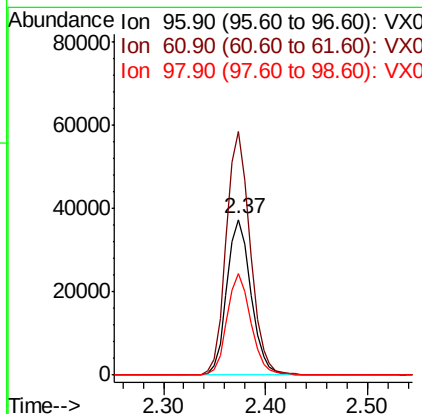
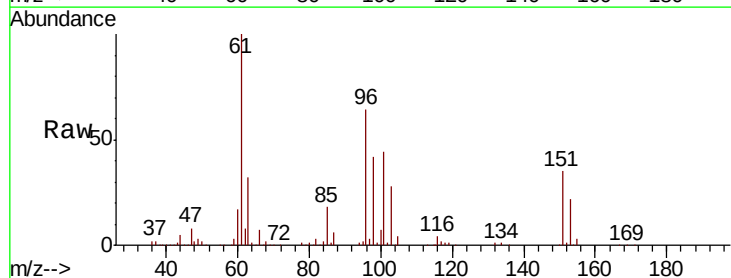
MMDadoda
7/23/2018 12:36:08 PM

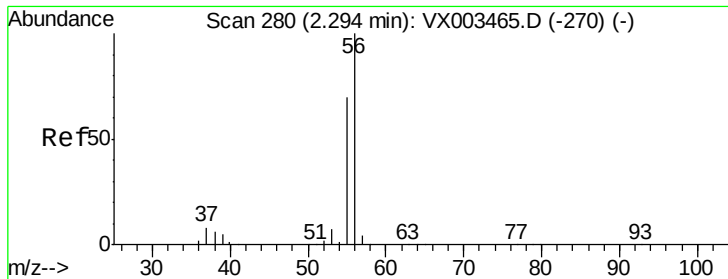


#12

1,1-Dichloroethene
Concen: 20.723 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX003523.D
Acq: 20 Jul 2018 22:17

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.3	137.9	206.9
98	65.6	51.6	77.4





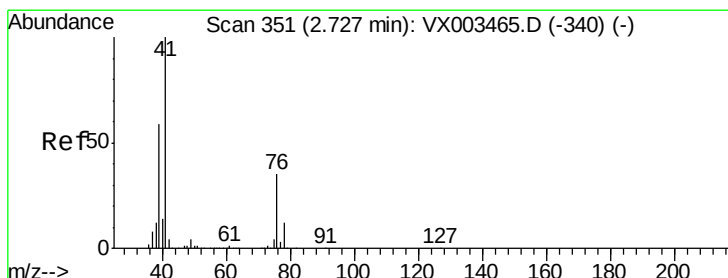
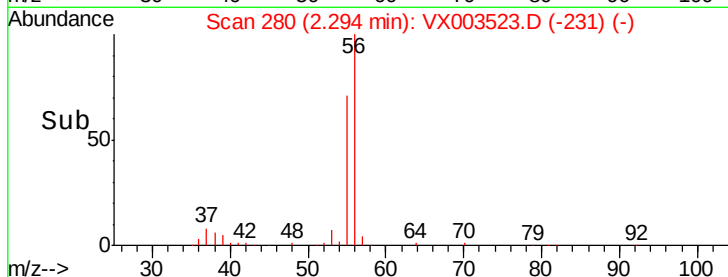
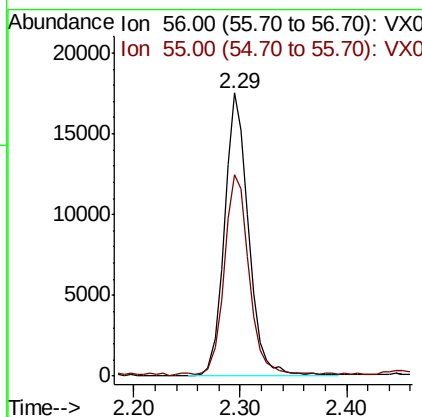
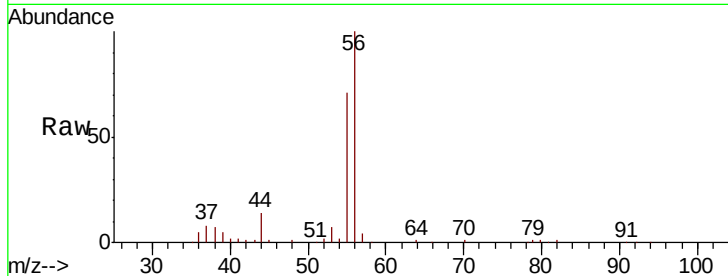
#13
Acrolein
Concen: 90.301 ug/l
RT: 2.29 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX003523.D
Acq: 20 Jul 2018 22:17

Instrument :
MSVOA_X
ClientSampleId :
VX0720WBSD03

Tgt Ion: 56 Resp: 27836
Ion Ratio Lower Upper
56 100
55 73.3 57.0 85.4

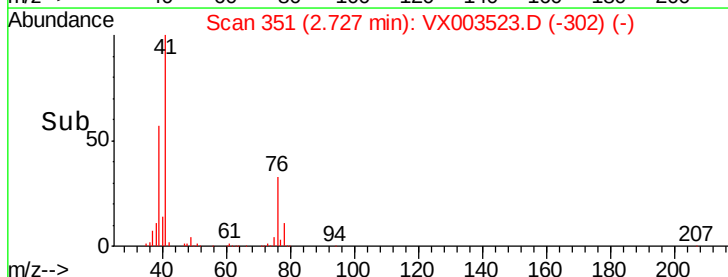
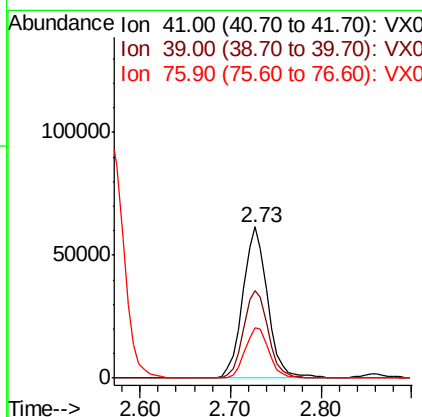
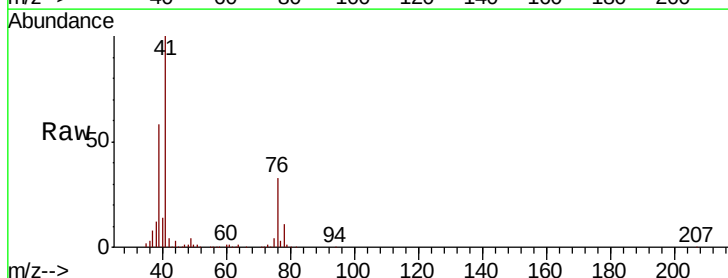
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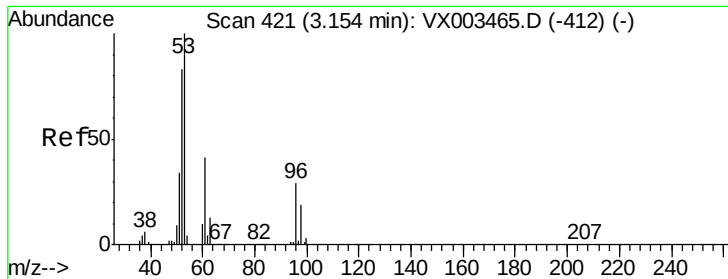
MMDadoda
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#14
Allyl chloride
Concen: 21.996 ug/l
RT: 2.73 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX003523.D
Acq: 20 Jul 2018 22:17

Tgt Ion: 41 Resp: 115836
Ion Ratio Lower Upper
41 100
39 57.5 56.8 85.2
76 31.9 23.8 35.8





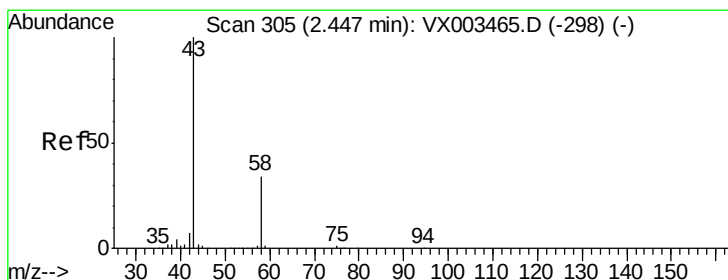
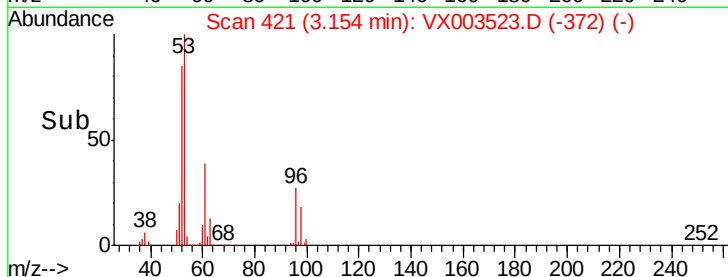
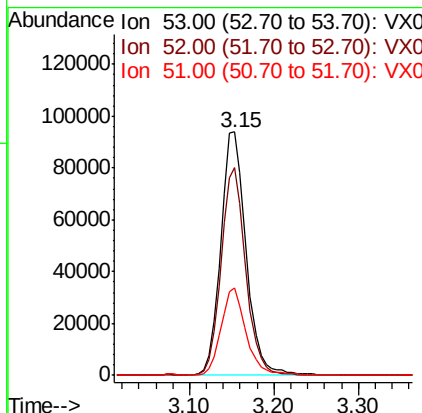
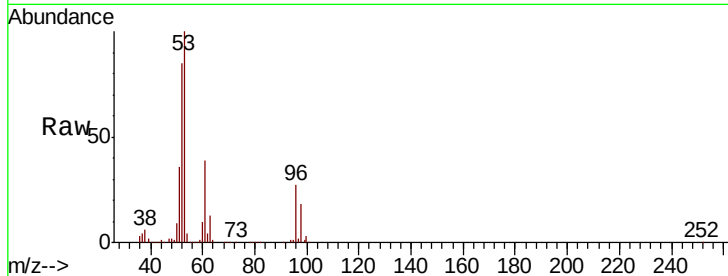
#15
 Acrylonitrile
 Concen: 111.437 ug/l
 RT: 3.15 min Scan# 421
 Delta R.T. 0.00 min
 Lab File: VX003523.D
 Acq: 20 Jul 2018 22:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBSD03

Tgt Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.7	100.1
51	35.3	29.9	44.9

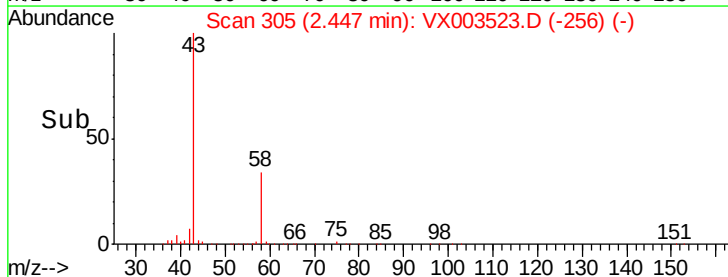
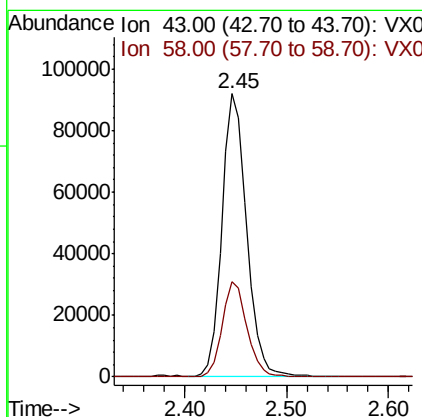
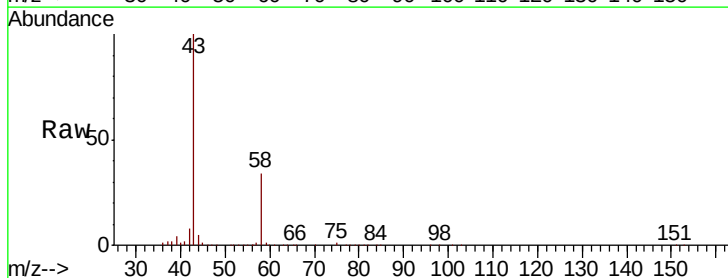
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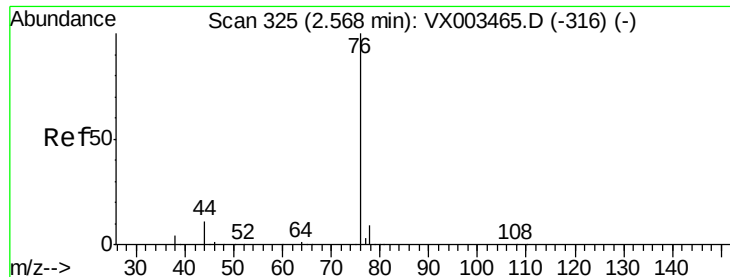
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#16
 Acetone
 Concen: 118.013 ug/l
 RT: 2.45 min Scan# 305
 Delta R.T. 0.00 min
 Lab File: VX003523.D
 Acq: 20 Jul 2018 22:17

Tgt Ion	Ratio	Lower	Upper
43	100		
58	33.7	22.1	33.1#





#17

Carbon Disulfide

Concen: 20.504 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX003523.D

Acq: 20 Jul 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBSD03

Tgt Ion: 76 Resp: 164971

Ion Ratio Lower Upper

76 100

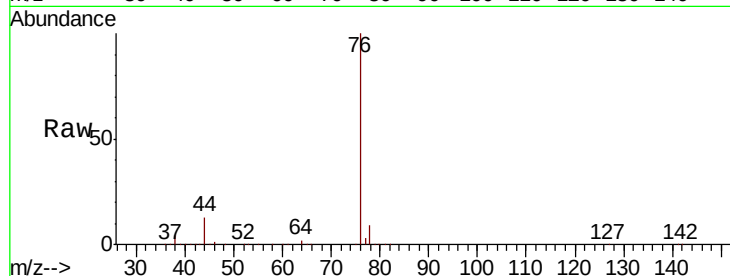
78 8.9 6.9 10.3

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

100000

80000

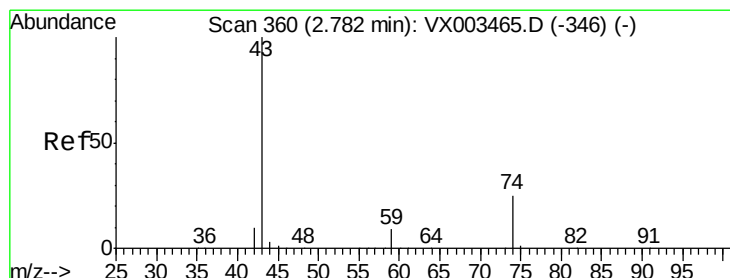
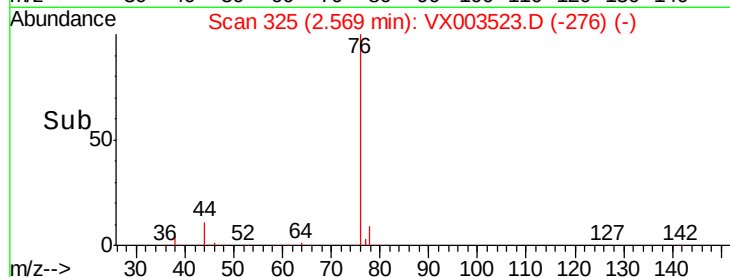
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 23.821 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX003523.D

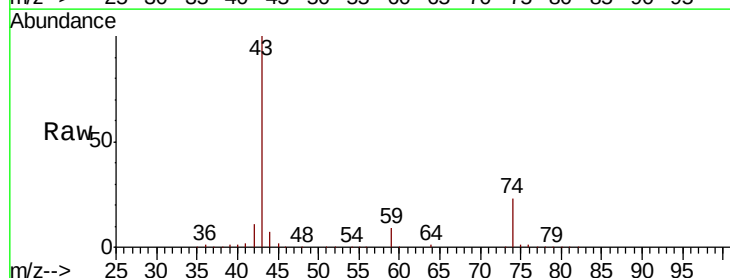
Acq: 20 Jul 2018 22:17

Tgt Ion: 43 Resp: 97801

Ion Ratio Lower Upper

43 100

74 24.1 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

60000

50000

40000

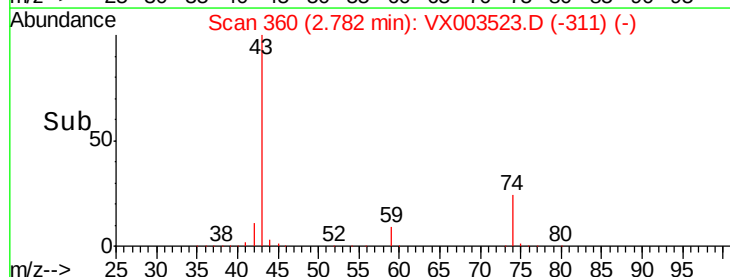
30000

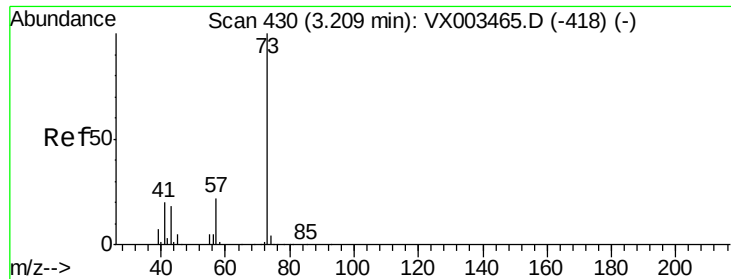
20000

10000

0

Time-->





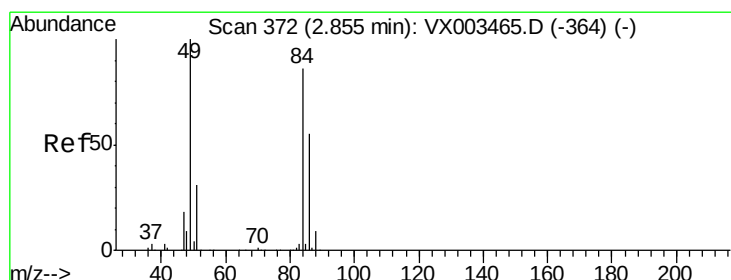
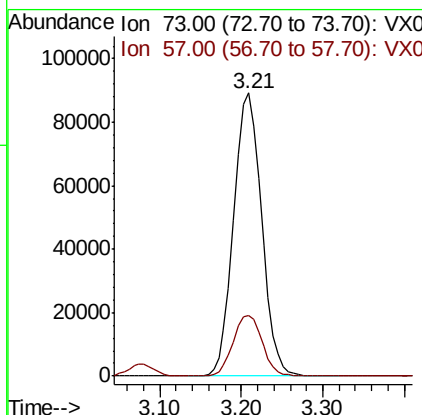
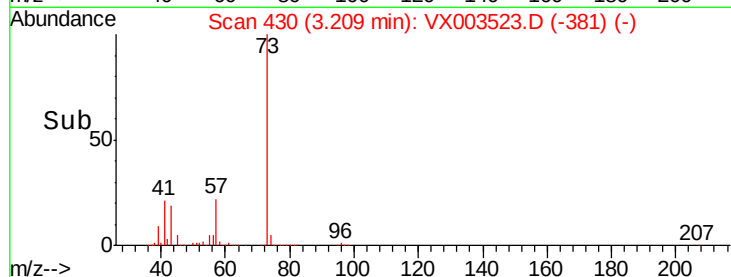
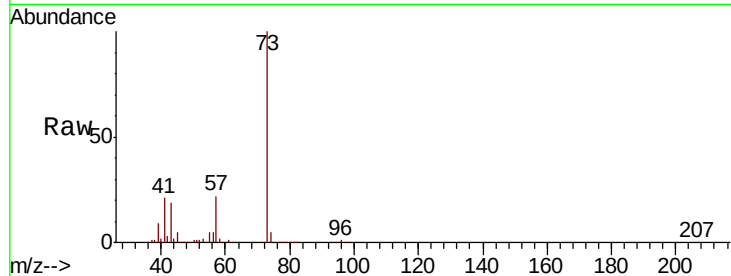
#19
Methyl tert-butyl Ether
Concen: 21.806 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003523.D
Acq: 20 Jul 2018 22:17

Instrument :
MSVOA_X
ClientSampleId :
VX0720WBSD03

Tgt Ion: 73 Resp: 211826
Ion Ratio Lower Upper
73 100
57 21.6 17.7 26.5

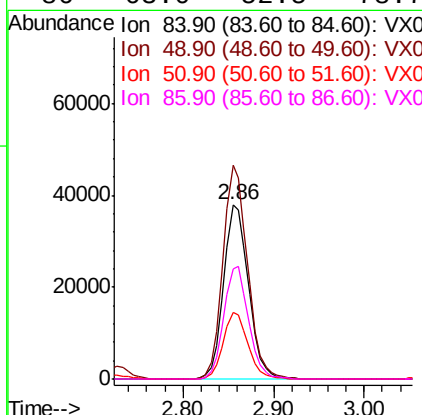
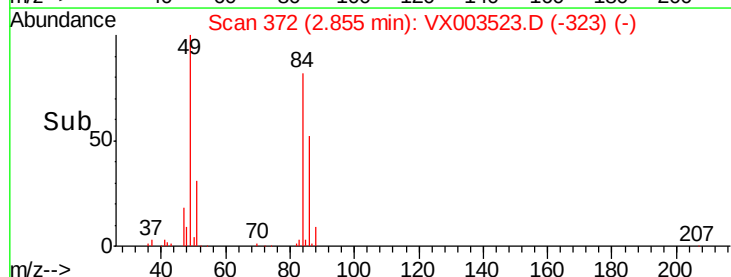
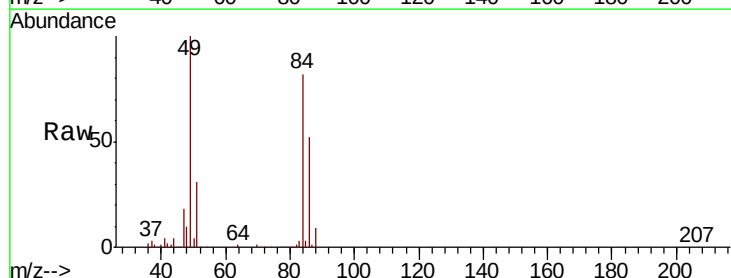
Manual Integrations
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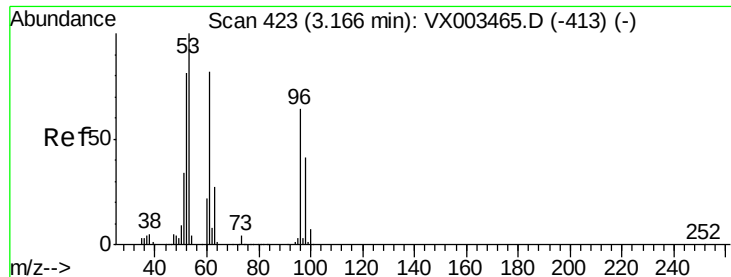
MMDadoda
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#20
Methylene Chloride
Concen: 22.274 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003523.D
Acq: 20 Jul 2018 22:17

Tgt Ion: 84 Resp: 72457
Ion Ratio Lower Upper
84 100
49 122.3 107.8 161.6
51 38.3 32.8 49.2
86 63.0 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 20.735 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX003523.D

Acq: 20 Jul 2018 22:17

Instrument :

MSVOA_X

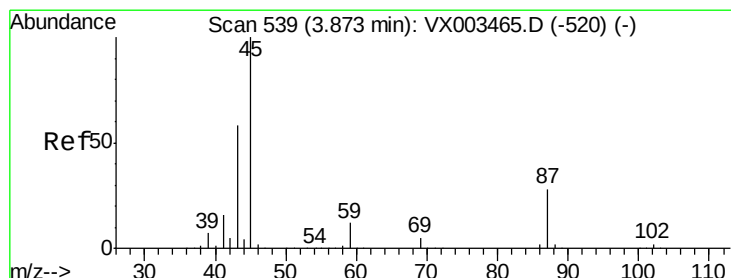
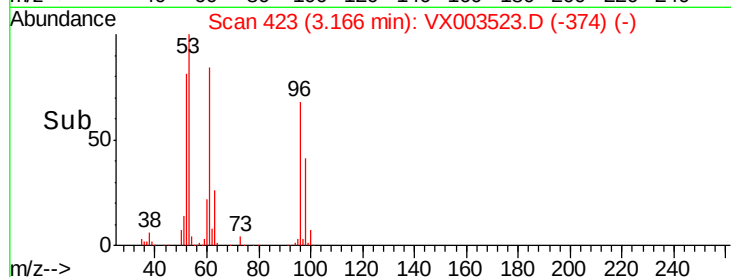
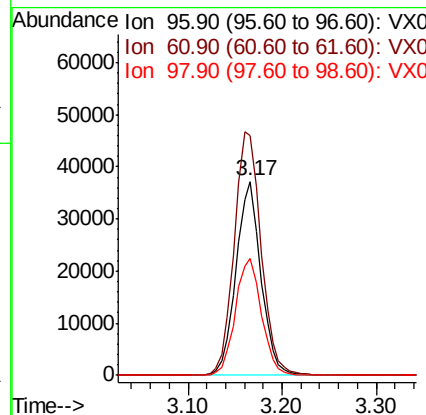
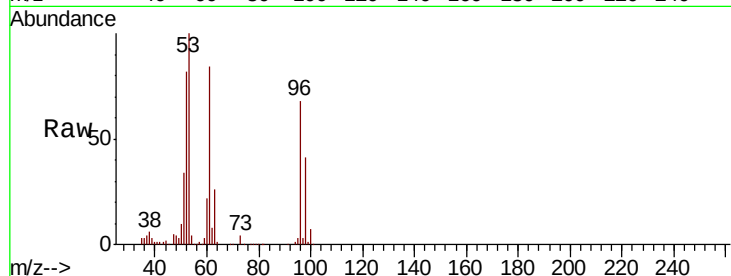
ClientSampleId :

VX0720WBSD03

Tgt Ion:	96	Resp:	68631
Ion	Ratio	Lower	Upper
96	100		
61	123.5	117.0	175.4
98	60.6	52.4	78.6

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#22

Diisopropyl ether

Concen: 21.633 ug/l

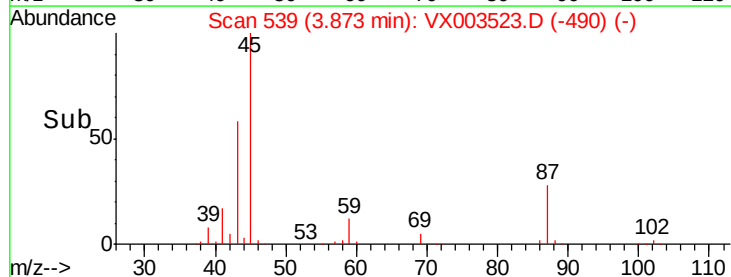
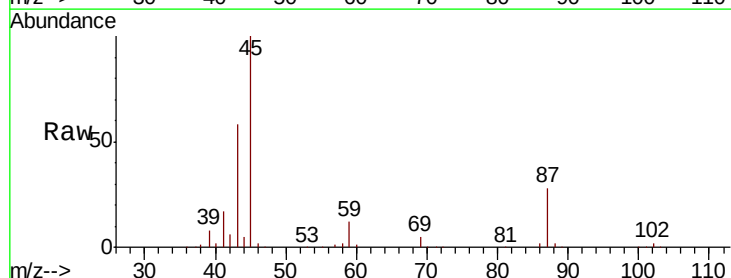
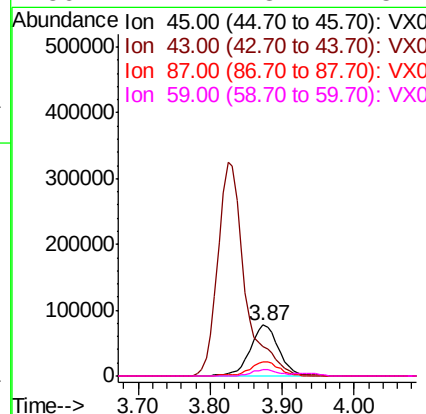
RT: 3.87 min Scan# 539

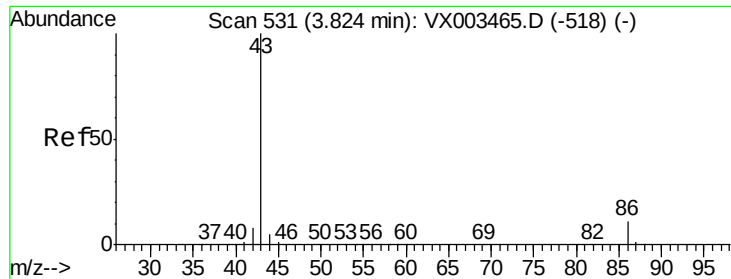
Delta R.T. 0.00 min

Lab File: VX003523.D

Acq: 20 Jul 2018 22:17

Tgt Ion:	45	Resp:	214371
Ion	Ratio	Lower	Upper
45	100		
43	57.6	46.8	70.2
87	28.5	20.2	30.4
59	12.2	8.7	13.1





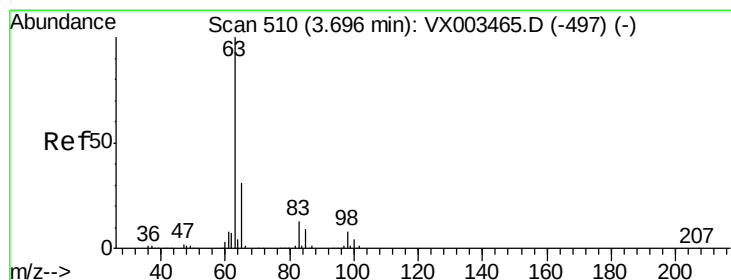
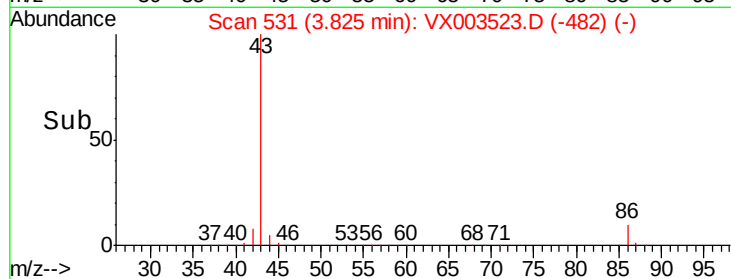
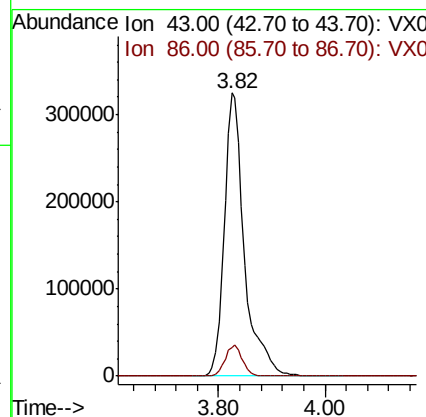
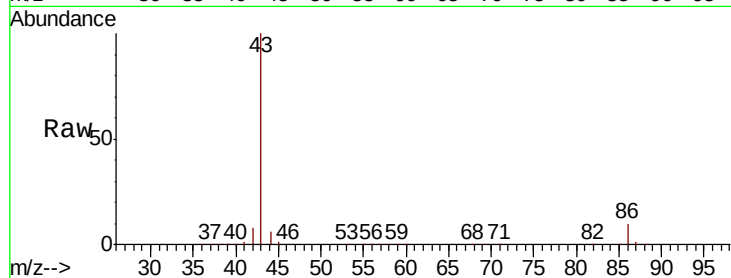
#23
 Vinyl Acetate
 Concen: 104.492 ug/l
 RT: 3.82 min Scan# 531
 Delta R.T. 0.00 min
 Lab File: VX003523.D
 Acq: 20 Jul 2018 22:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBSD03

Tgt Ion	Ratio	Lower	Upper
43	100		
86	10.3	7.4	11.0

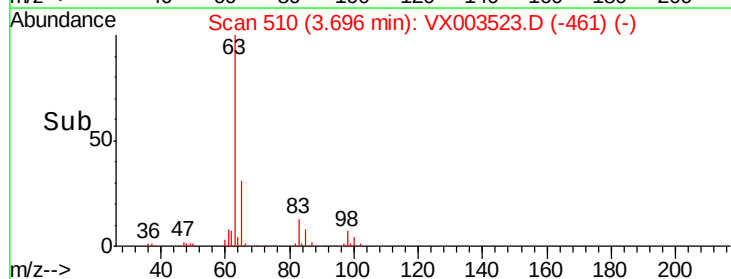
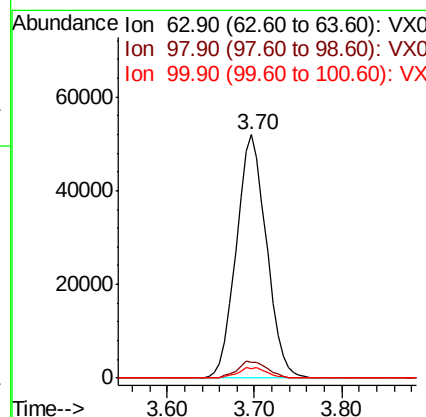
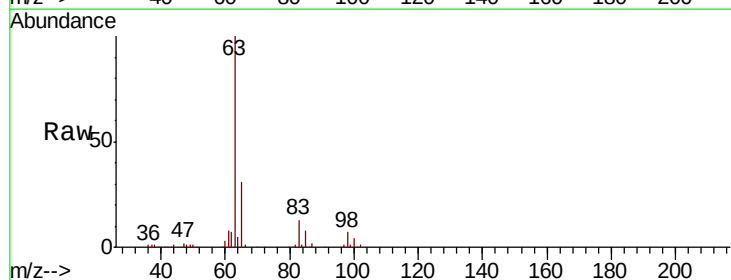
Manual Integrations
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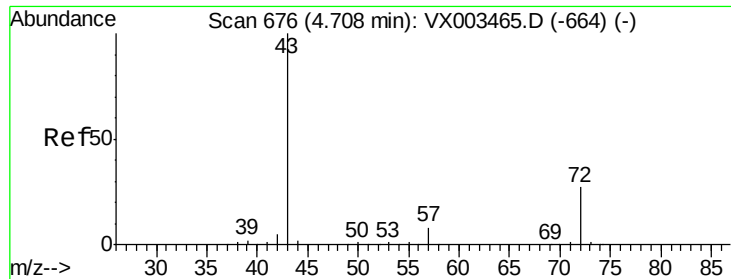
MMDadoda
 7/23/2018 12:36:08 PM



#24
 1,1-Dichloroethane
 Concen: 21.433 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VX003523.D
 Acq: 20 Jul 2018 22:17

Tgt Ion	Ratio	Lower	Upper
63	100		
98	6.7	3.4	10.2
100	4.0	2.0	6.0





#25

2-Butanone

Concen: 111.625 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.00 min

Lab File: VX003523.D

Acq: 20 Jul 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBSD03

Tgt Ion: 43 Resp: 243906

Ion Ratio Lower Upper

43 100

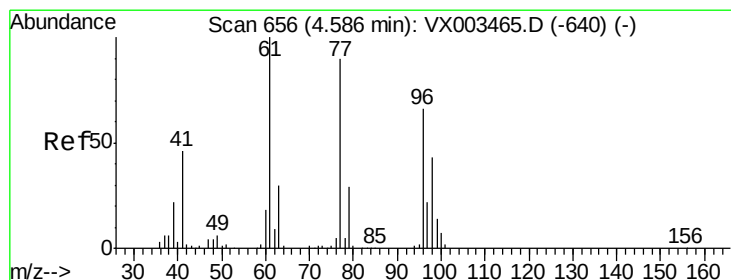
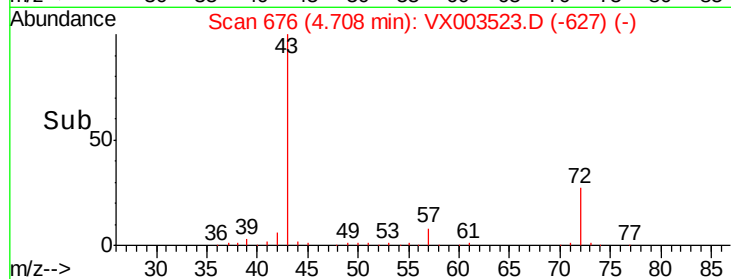
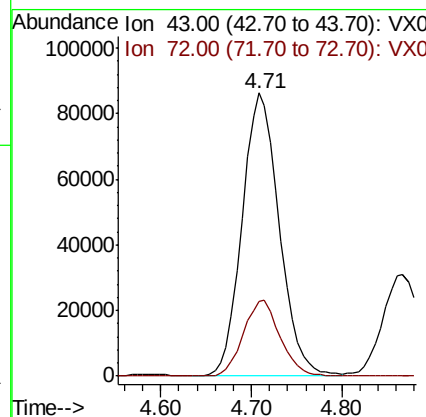
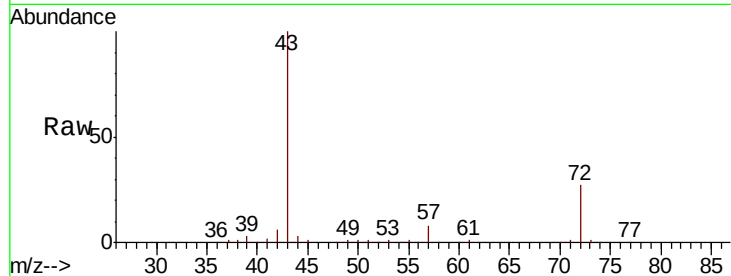
72 26.5 18.5 27.7

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 16.694 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX003523.D

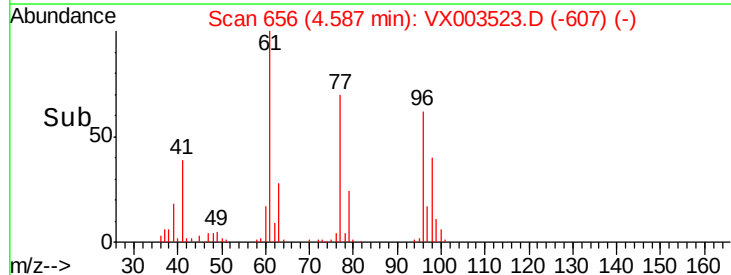
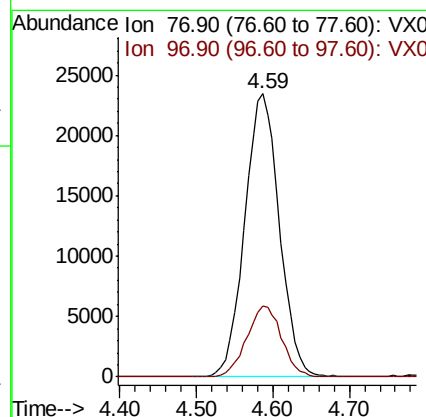
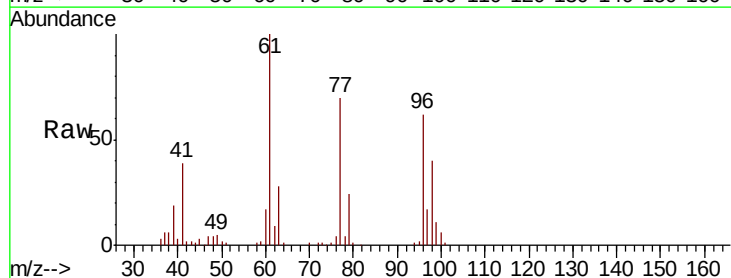
Acq: 20 Jul 2018 22:17

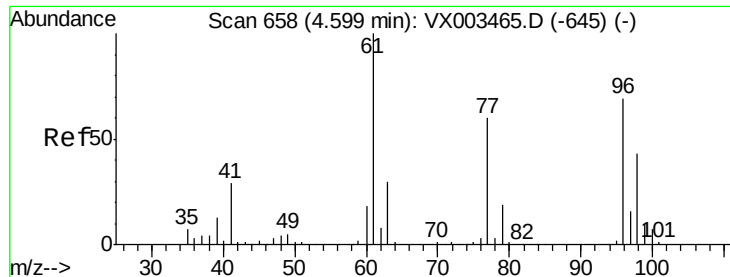
Tgt Ion: 77 Resp: 73717

Ion Ratio Lower Upper

77 100

97 25.2 11.2 33.5





#27

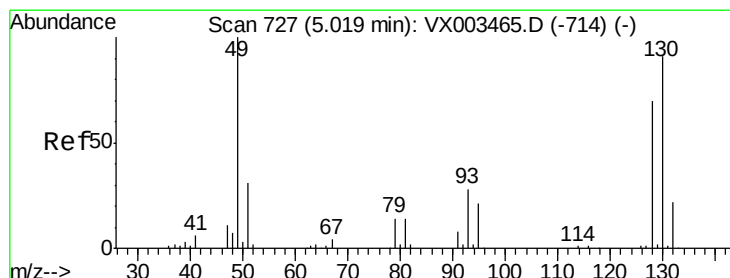
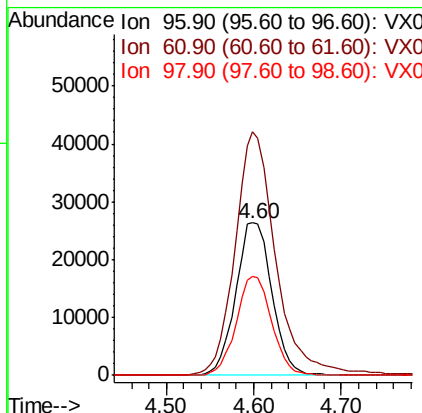
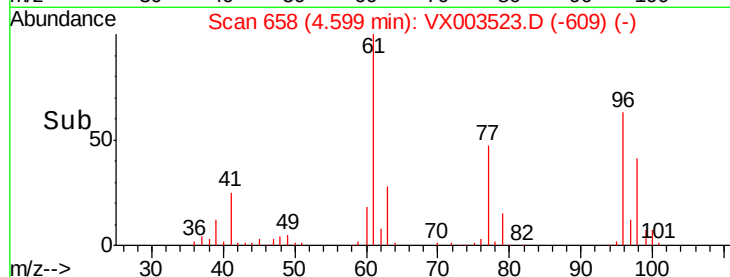
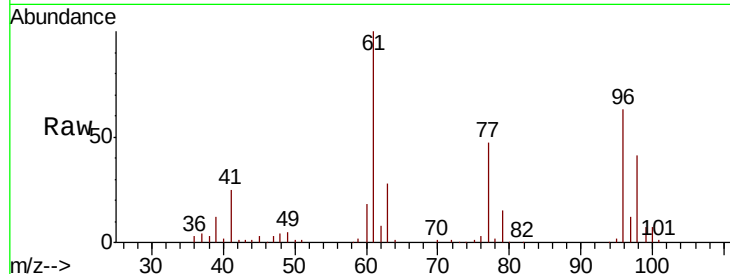
cis-1,2-Dichloroethene
Concen: 20.578 ug/l
RT: 4.60 min Scan# 658
Delta R.T. 0.00 min
Lab File: VX003523.D
Acq: 20 Jul 2018 22:17

Instrument :
MSVOA_X
ClientSampleId :
VX0720WBSD03

Tgt Ion	Ratio	Lower	Upper
96	100		
61	179.0	0.0	330.2
98	63.3	0.0	130.2

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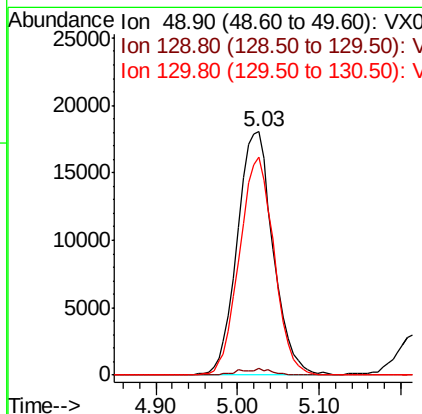
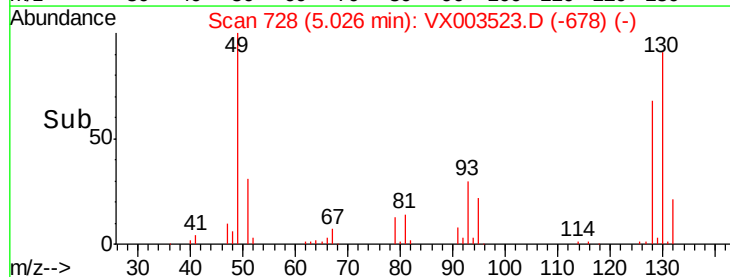
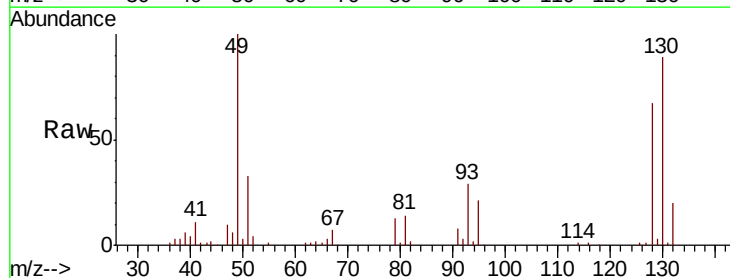
MMDadoda
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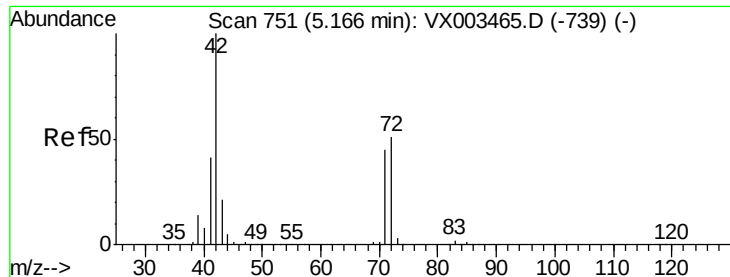


#28

Bromochloromethane
Concen: 21.710 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.01 min
Lab File: VX003523.D
Acq: 20 Jul 2018 22:17

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.2
130	86.5	61.2	91.8





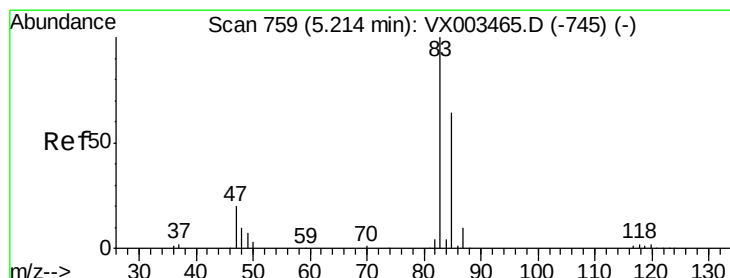
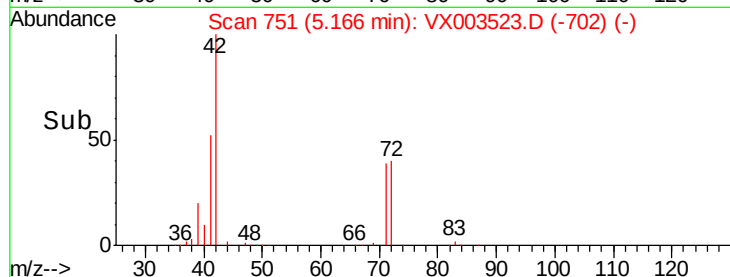
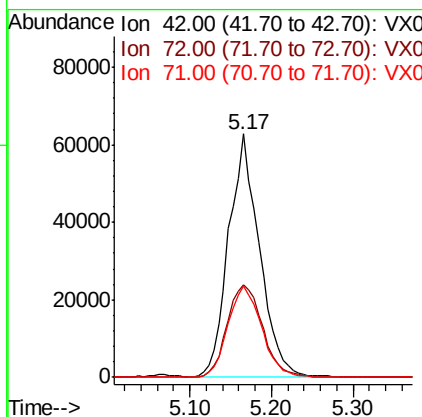
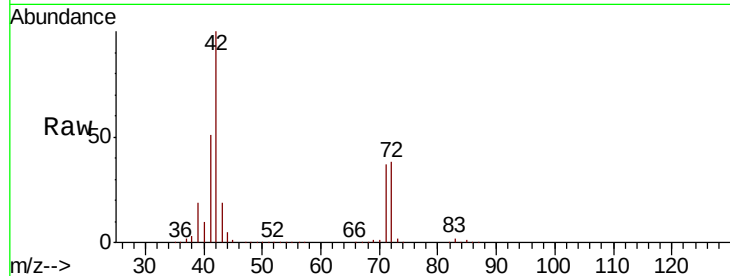
#29
Tetrahydrofuran
Concen: 113.438 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX003523.D
Acq: 20 Jul 2018 22:17

Instrument :
MSVOA_X
ClientSampleId :
VX0720WBSD03

Tgt Ion	Ratio	Lower	Upper
42	100		
72	43.8	32.0	48.0
71	41.2	30.1	45.1

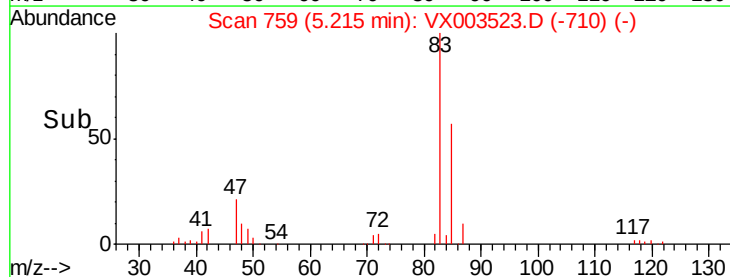
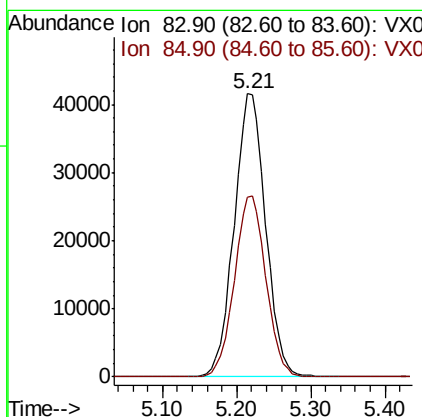
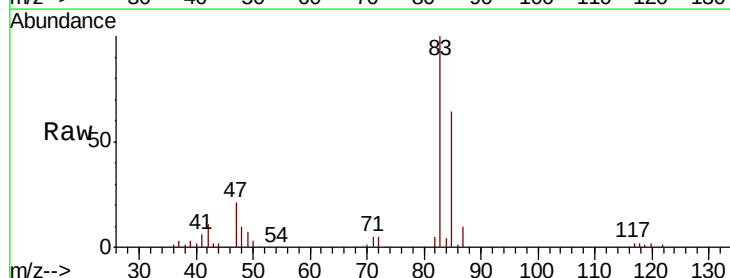
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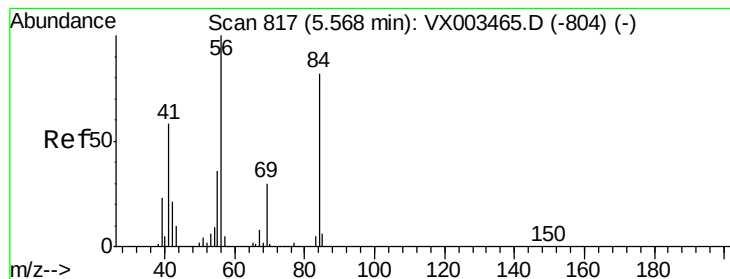
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#30
Chloroform
Concen: 21.695 ug/l
RT: 5.21 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX003523.D
Acq: 20 Jul 2018 22:17

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	50.4	75.6





#31

Cyclohexane

Concen: 20.211 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.01 min

Lab File: VX003523.D

Acq: 20 Jul 2018 22:17

Instrument :

MSVOA_X

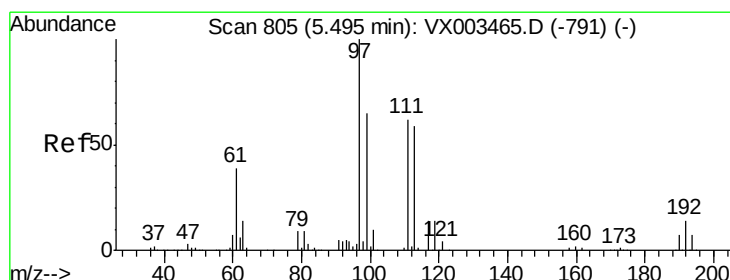
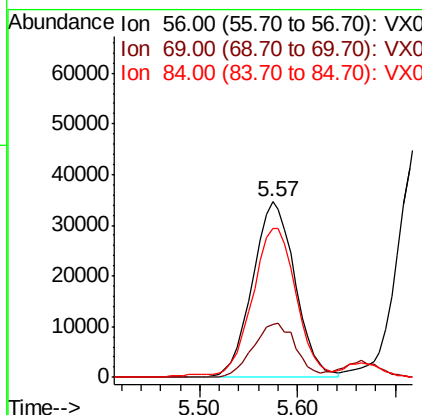
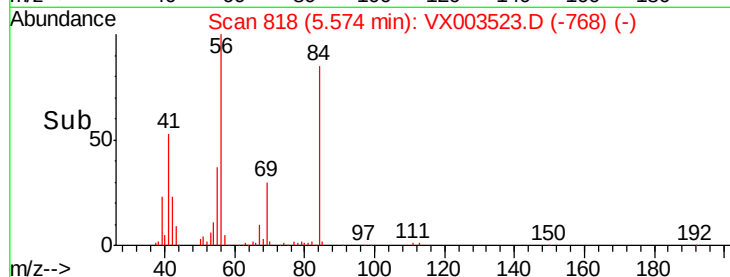
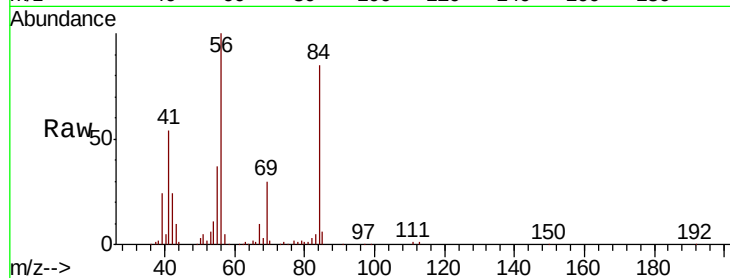
ClientSampleId :

VX0720WBSD03

Tgt Ion:	56	Resp:	104990
Ion	Ratio	Lower	Upper
56	100		
69	30.5	23.7	35.5
84	83.7	64.1	96.1

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#32

1,1,1-Trichloroethane

Concen: 21.298 ug/l

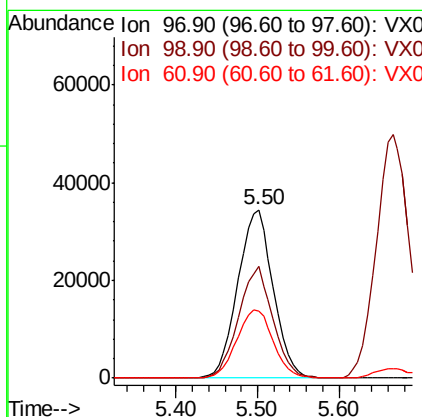
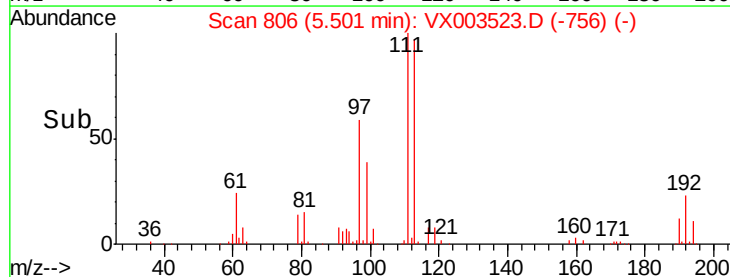
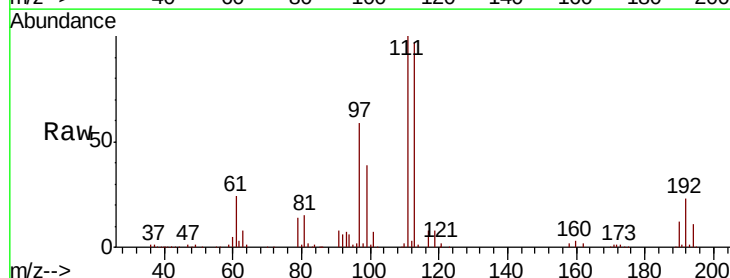
RT: 5.50 min Scan# 806

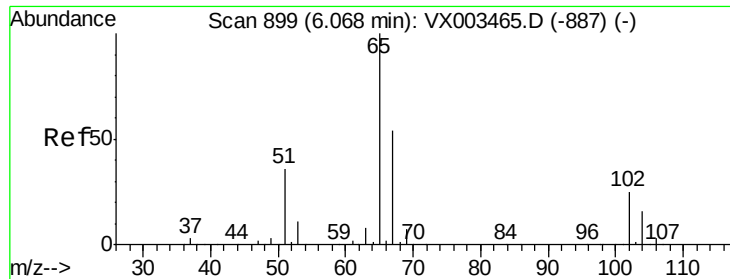
Delta R.T. 0.01 min

Lab File: VX003523.D

Acq: 20 Jul 2018 22:17

Tgt Ion:	97	Resp:	103542
Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.6	77.4
61	42.0	36.4	54.6





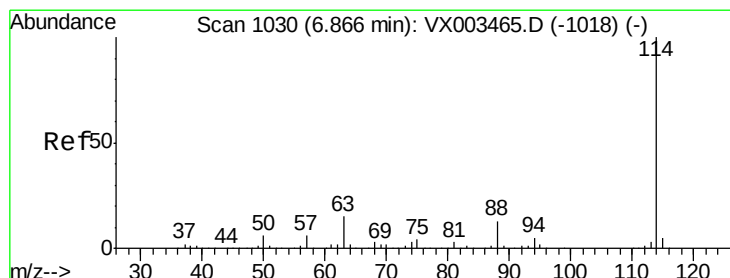
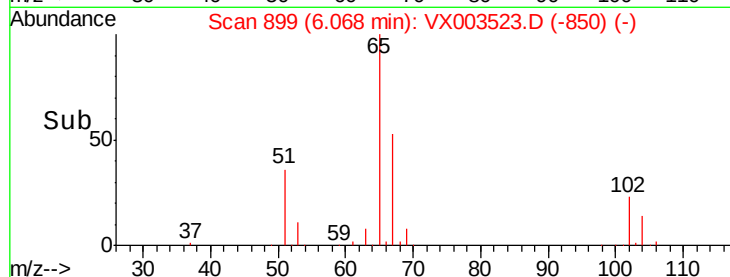
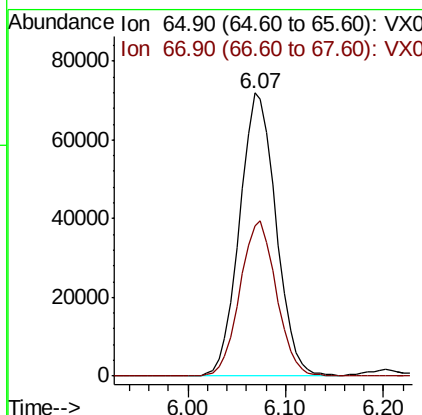
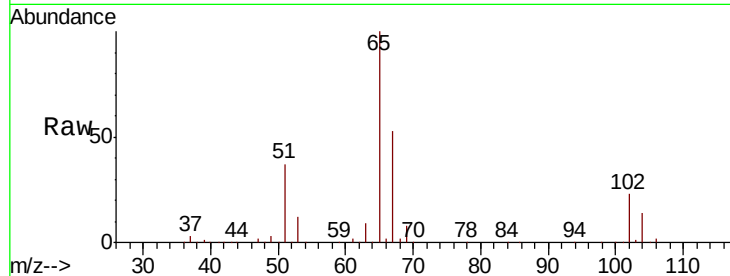
#33
 1,2-Dichloroethane-d4
 Concen: 53.972 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX003523.D
 Acq: 20 Jul 2018 22:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBSD03

Tgt Ion: 65 Resp: 186085
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 102.6

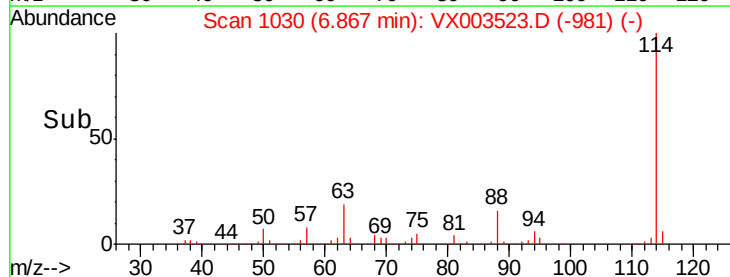
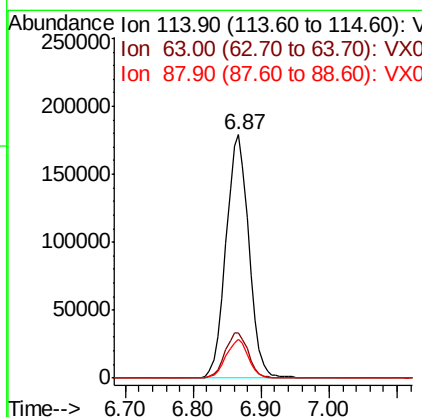
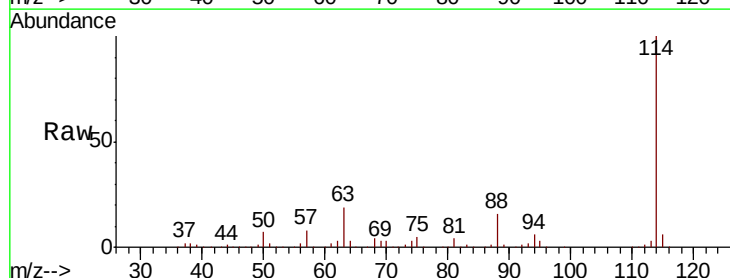
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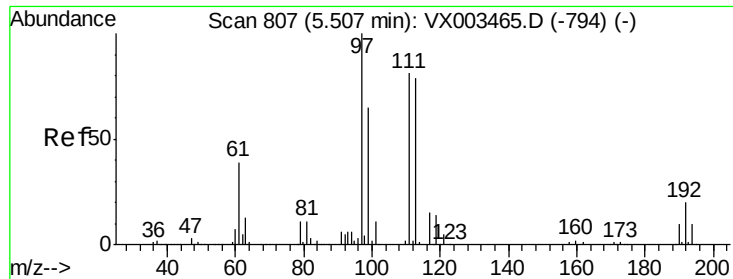
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003523.D
 Acq: 20 Jul 2018 22:17

Tgt Ion: 114 Resp: 417818
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 41.4
 88 15.9 0.0 30.0





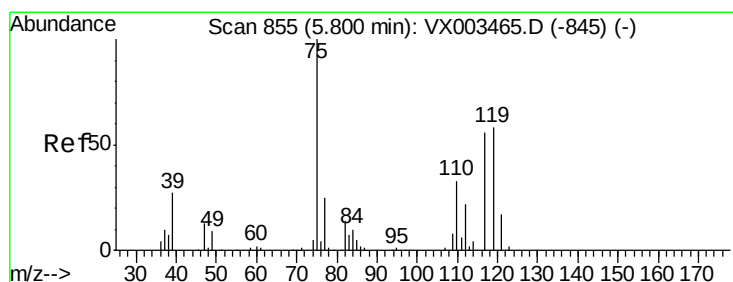
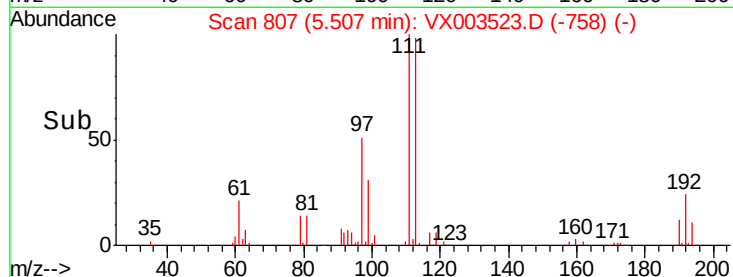
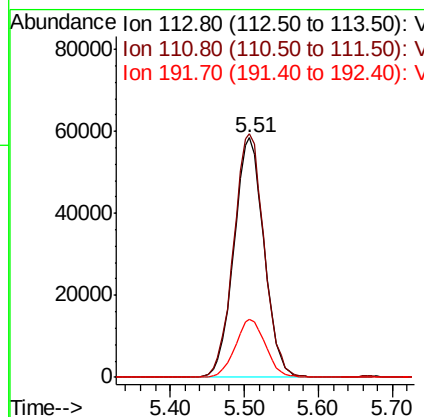
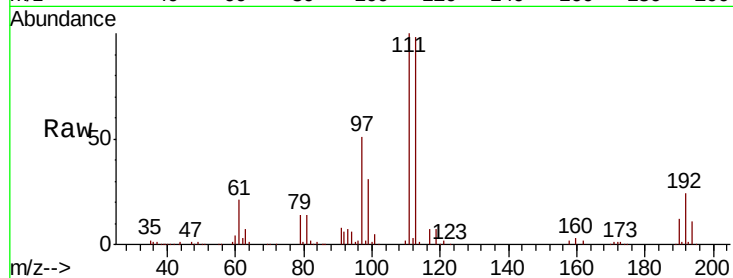
#35
Dibromofluoromethane
Concen: 51.852 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX003523.D
Acq: 20 Jul 2018 22:17

Instrument :
MSVOA_X
ClientSampleId :
VX0720WBSD03

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	165014		
111	103.2	81.4	122.0	
192	24.3	19.1	28.7	

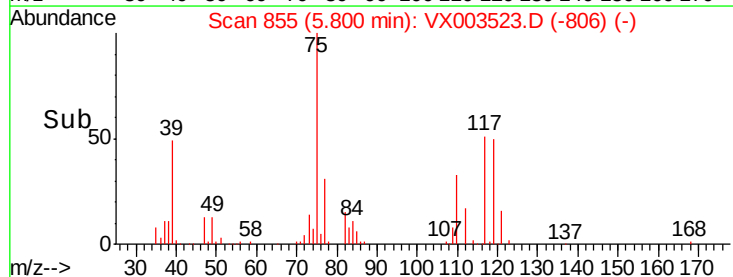
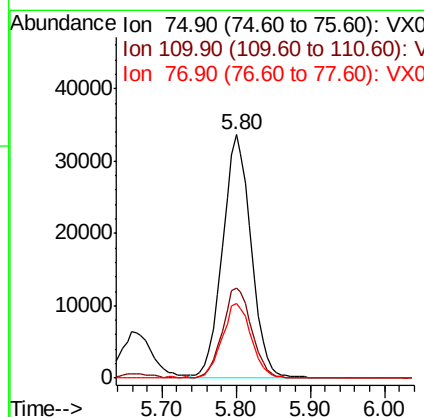
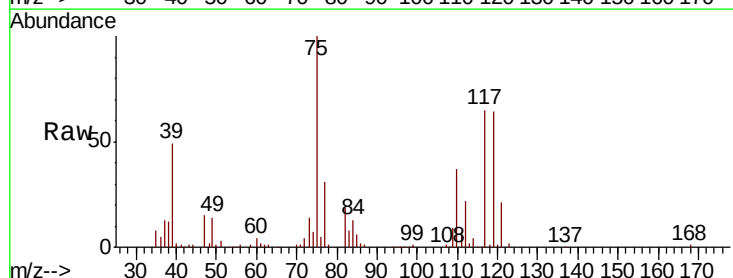
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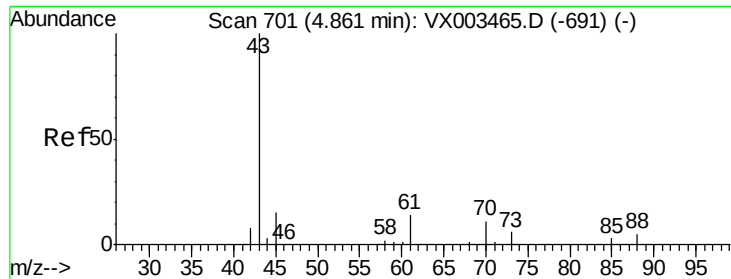
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#36
1,1-Dichloropropene
Concen: 19.960 ug/l
RT: 5.80 min Scan# 855
Delta R.T. 0.00 min
Lab File: VX003523.D
Acq: 20 Jul 2018 22:17

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	90040		
110	37.6	18.1	54.4	
77	30.6	24.3	36.5	





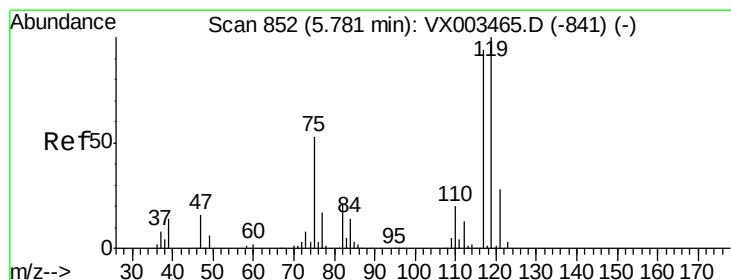
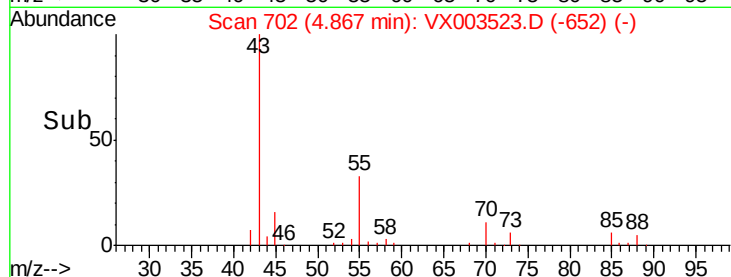
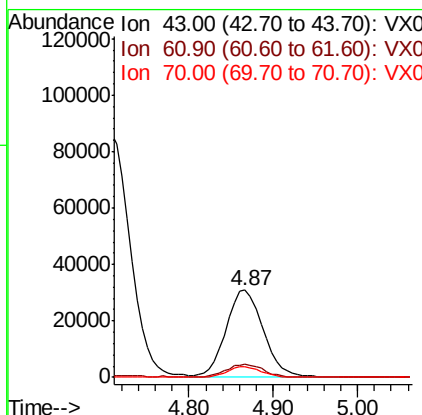
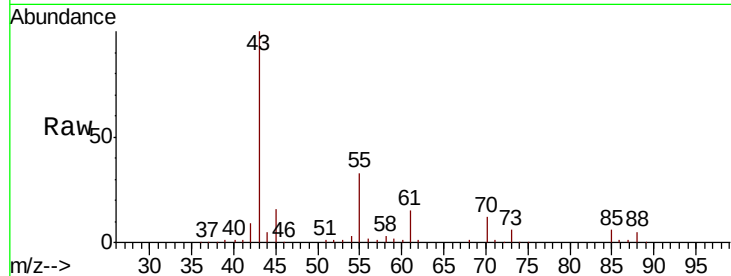
#37
Ethyl Acetate
Concen: 21.557 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.01 min
Lab File: VX003523.D
Acq: 20 Jul 2018 22:17

Instrument :
MSVOA_X
ClientSampleId :
VX0720WBSD03

Tgt Ion: 43 Resp: 92019
Ion Ratio Lower Upper
43 100
61 15.7 10.4 15.6#
70 11.4 7.6 11.4#

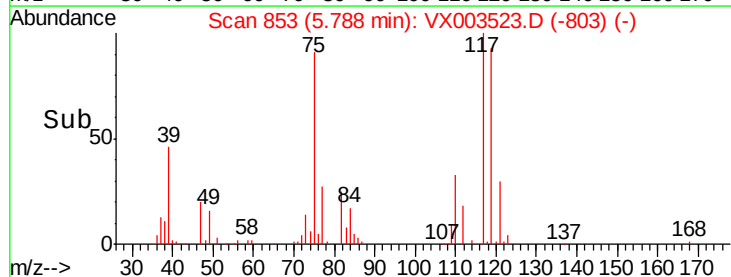
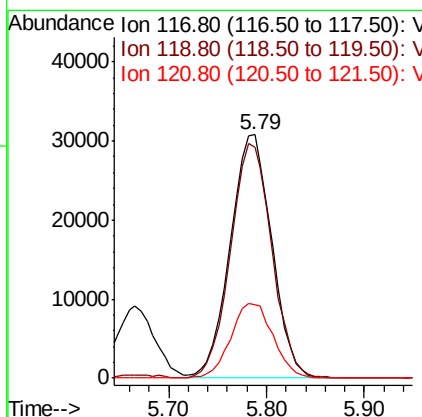
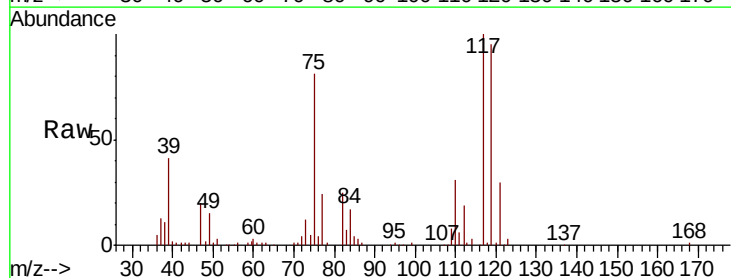
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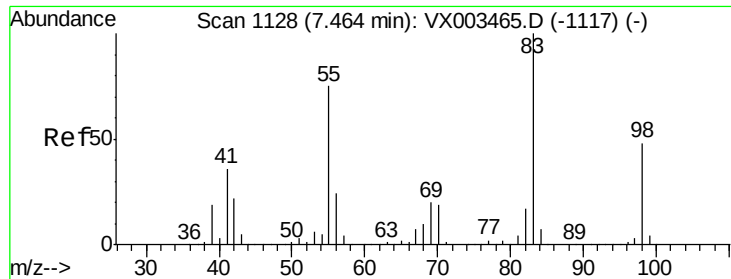
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#38
Carbon Tetrachloride
Concen: 20.512 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.01 min
Lab File: VX003523.D
Acq: 20 Jul 2018 22:17

Tgt Ion: 117 Resp: 90764
Ion Ratio Lower Upper
117 100
119 94.6 77.4 116.0
121 30.2 24.4 36.6





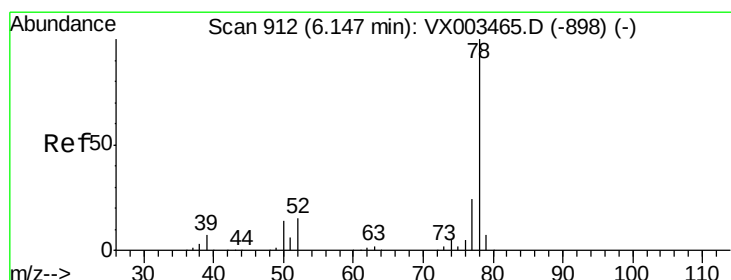
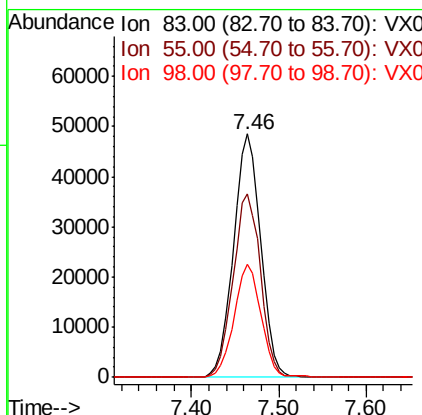
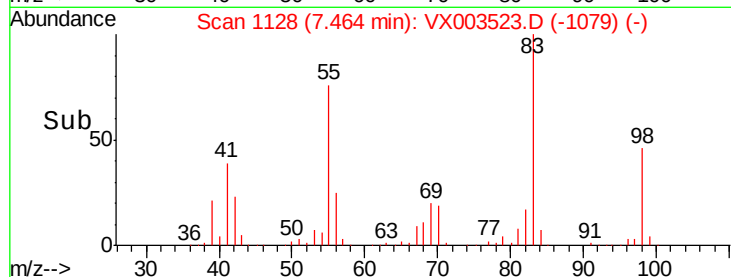
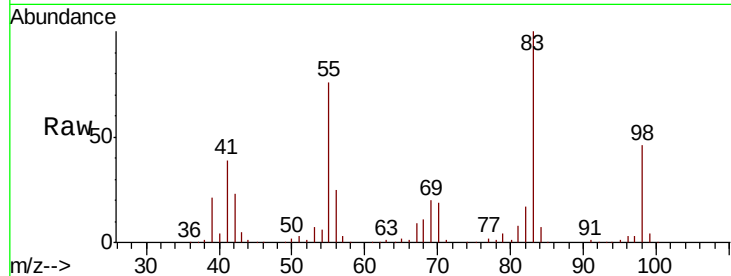
#39
Methylcyclohexane
Concen: 19.656 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003523.D
Acq: 20 Jul 2018 22:17

Instrument :
MSVOA_X
ClientSampleId :
VX0720WBSD03

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	105020		
55	75.5	65.4	98.0	
98	46.5	37.4	56.0	

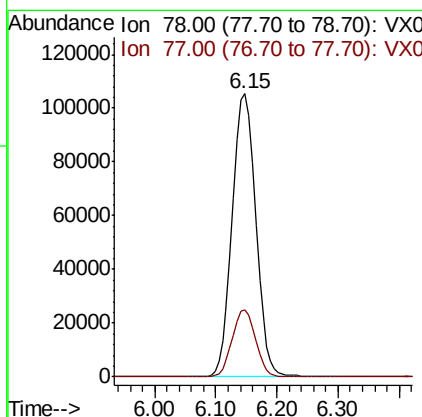
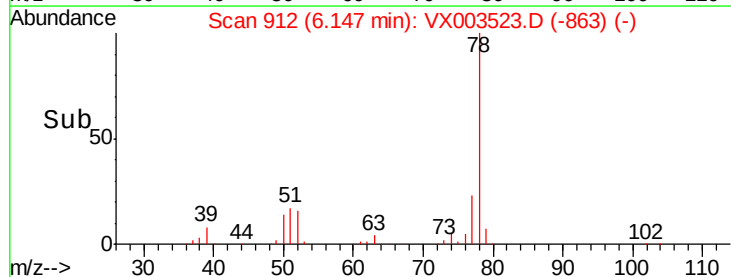
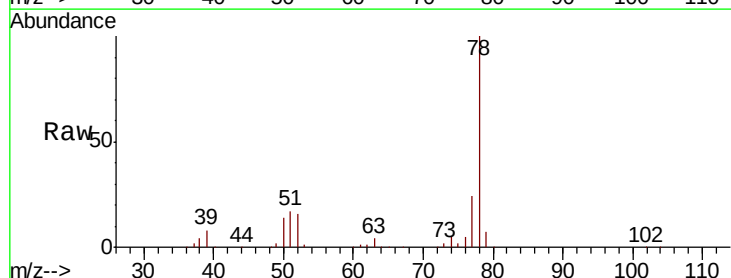
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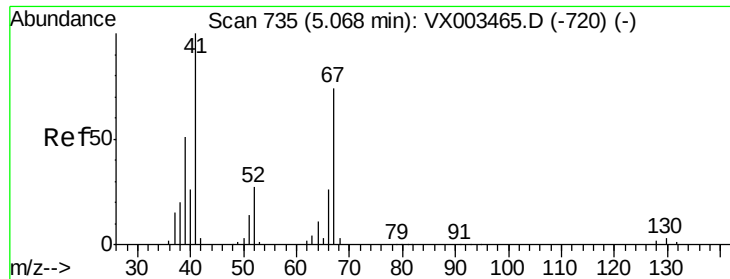
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#40
Benzene
Concen: 20.739 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003523.D
Acq: 20 Jul 2018 22:17

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	282462		
77	23.6	19.1	28.7	





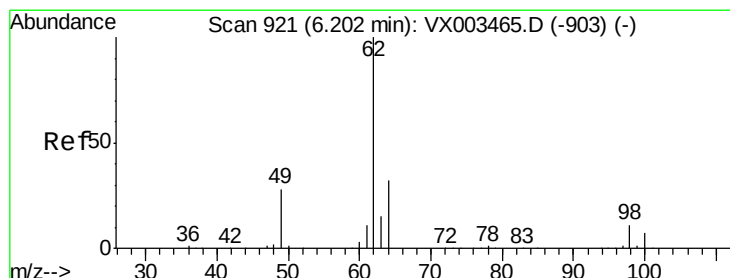
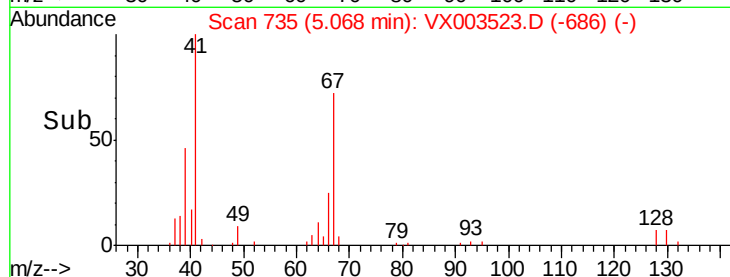
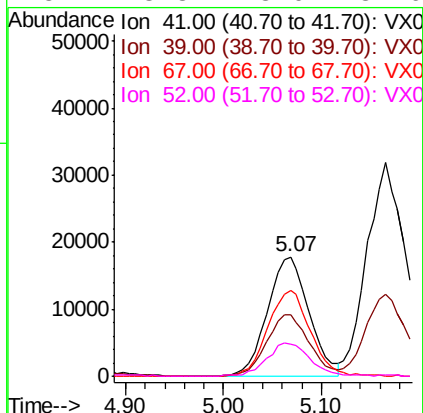
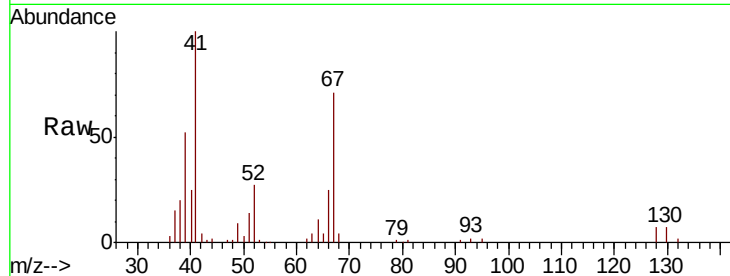
#41
Methacrylonitrile
Concen: 21.080 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX003523.D
Acq: 20 Jul 2018 22:17

Instrument :
MSVOA_X
ClientSampleId :
VX0720WBSD03

Tgt Ion	Ratio	Lower	Upper
41	100		
39	53.1	45.8	68.6
67	73.2	51.3	76.9
52	28.8	23.0	34.6

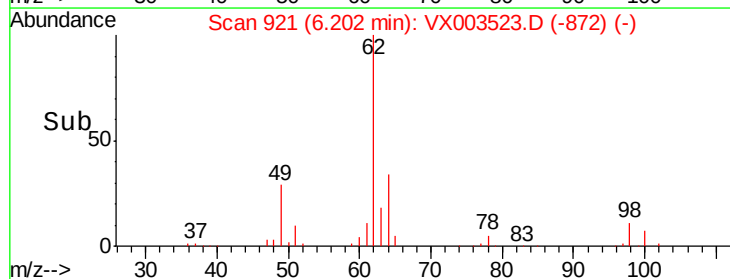
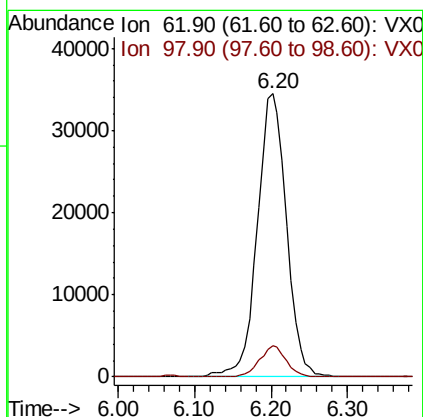
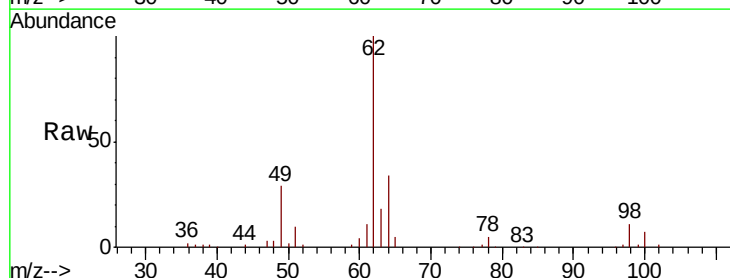
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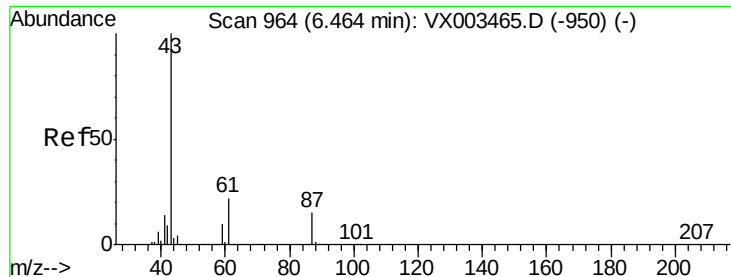
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#42
1,2-Dichloroethane
Concen: 21.437 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003523.D
Acq: 20 Jul 2018 22:17

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	16.6





#43

Isopropyl Acetate

Concen: 21.273 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.01 min

Lab File: VX003523.D

Acq: 20 Jul 2018 22:17

Instrument :

MSVOA_X

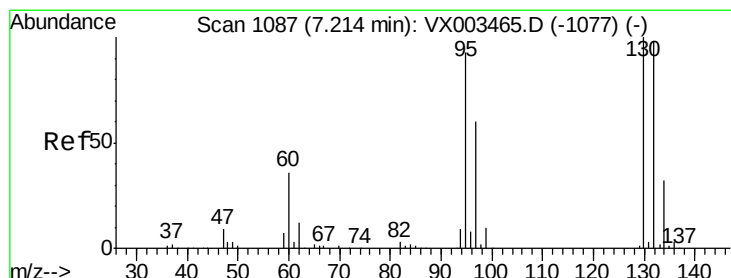
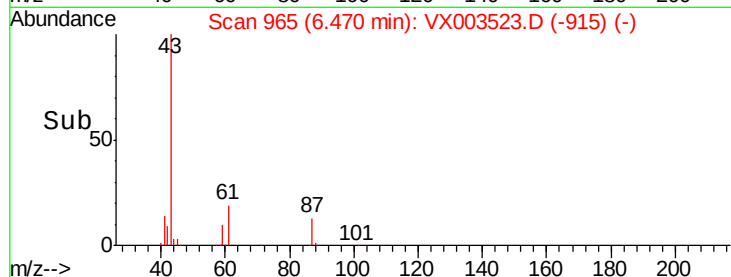
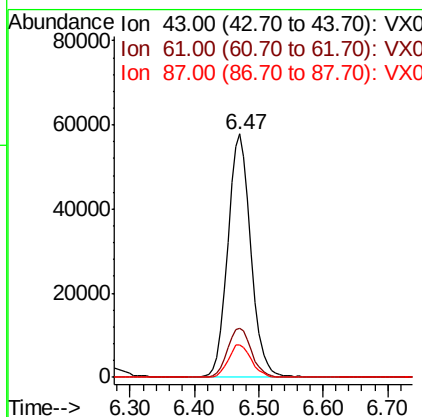
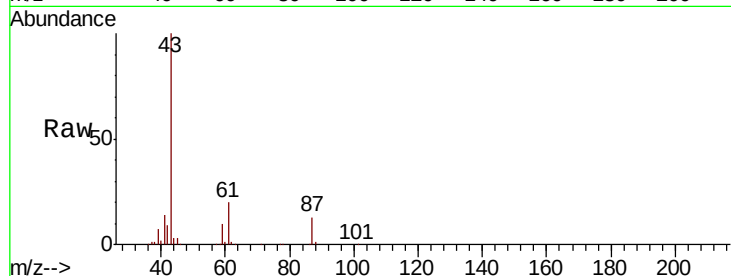
ClientSampleId :

VX0720WBSD03

Tgt Ion:	43	Resp:	144450
Ion	Ratio	Lower	Upper
43	100		
61	21.3	14.4	21.6
87	13.7	9.5	14.3

Manual Integrations
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#44

Trichloroethene

Concen: 20.455 ug/l

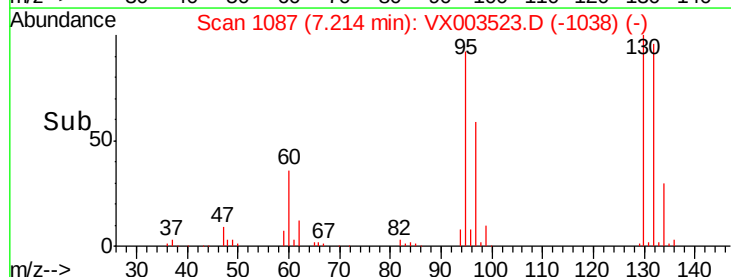
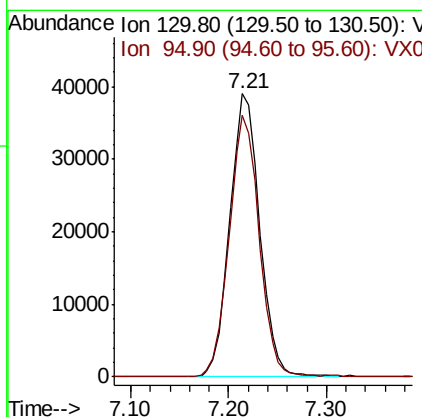
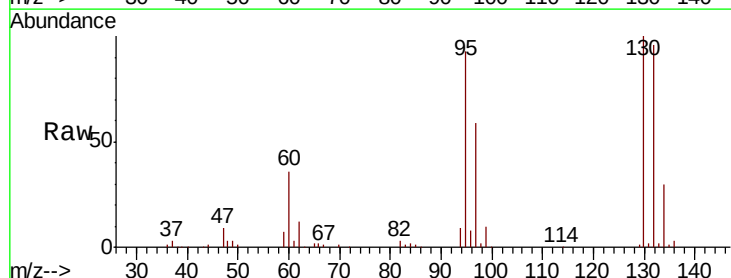
RT: 7.21 min Scan# 1087

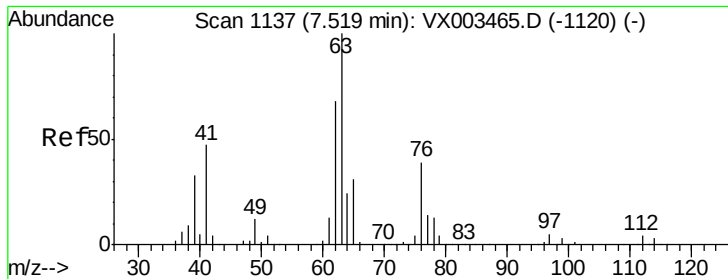
Delta R.T. 0.00 min

Lab File: VX003523.D

Acq: 20 Jul 2018 22:17

Tgt Ion:	130	Resp:	83086
Ion	Ratio	Lower	Upper
130	100		
95	92.6	0.0	185.4





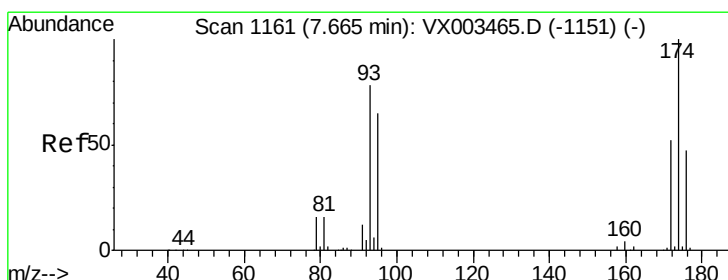
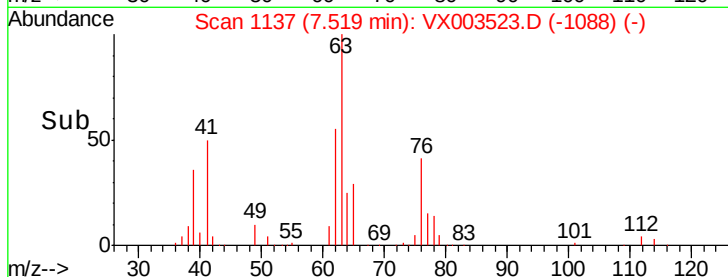
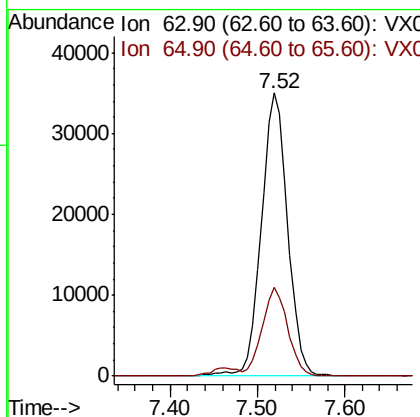
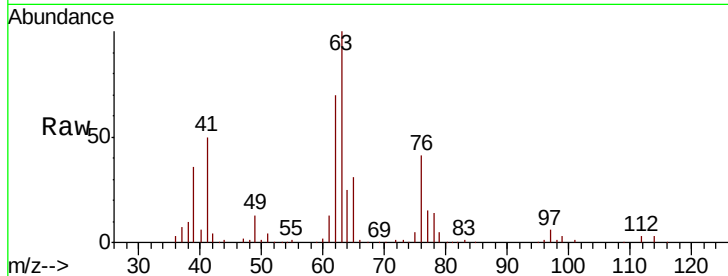
#45
 1,2-Dichloropropane
 Concen: 21.129 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003523.D
 Acq: 20 Jul 2018 22:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBSD03

Tgt Ion: 63 Resp: 73073
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.7 37.1

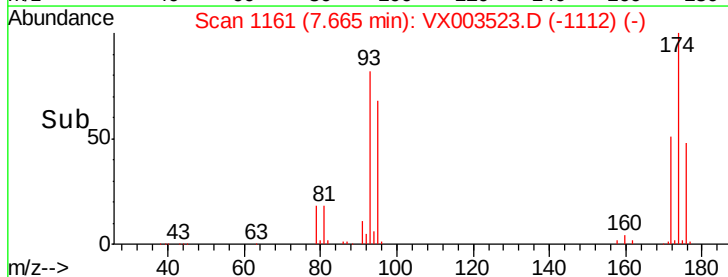
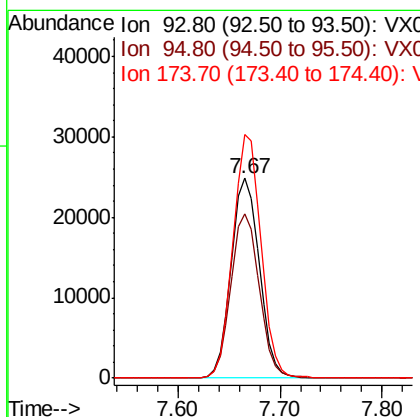
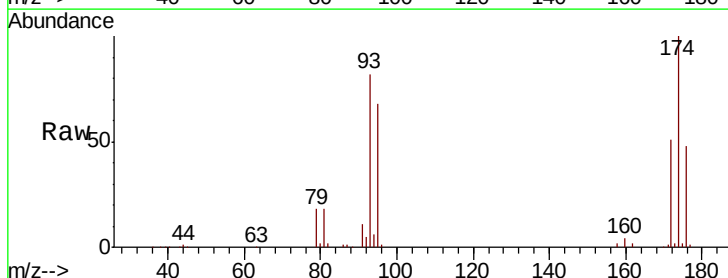
Manual Integrations
 APPROVED

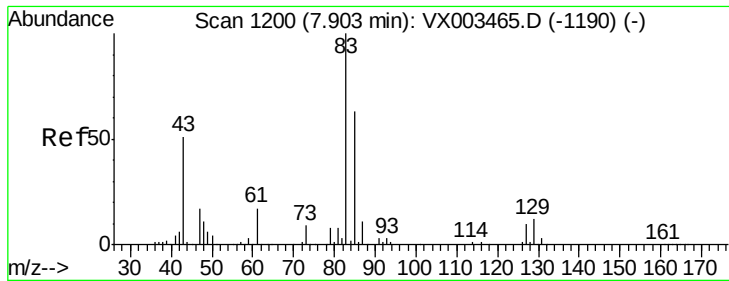
MMDadoda
 7/23/2018 12:36:08 PM



#46
 Dibromomethane
 Concen: 21.404 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003523.D
 Acq: 20 Jul 2018 22:17

Tgt Ion: 93 Resp: 47655
 Ion Ratio Lower Upper
 93 100
 95 82.5 65.9 98.9
 174 120.9 92.4 138.6





#47

Bromodichloromethane

Concen: 21.073 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003523.D

Acq: 20 Jul 2018 22:17

Instrument :

MSVOA_X

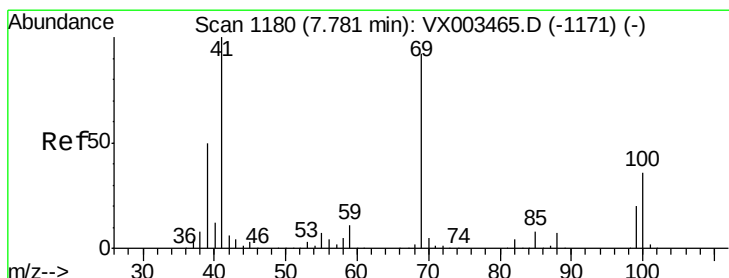
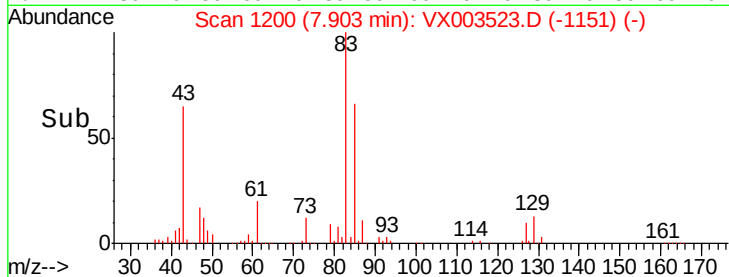
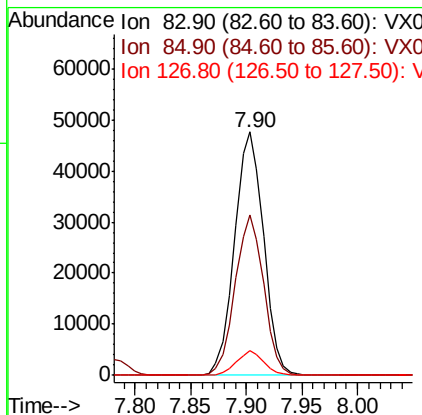
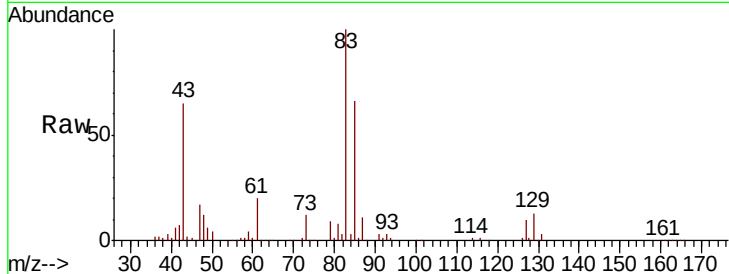
ClientSampleId :

VX0720WBSD03

Tgt Ion:	83	Resp:	85894
Ion	Ratio	Lower	Upper
83	100		
85	65.9	50.3	75.5
127	9.9	7.0	10.4

Manual Integrations
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7/23/2018 12:36:08 PM



#48

Methyl methacrylate

Concen: 21.333 ug/l

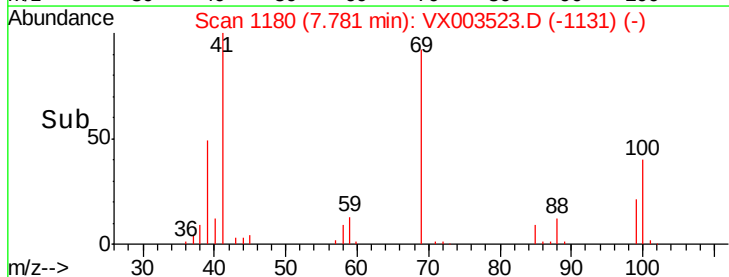
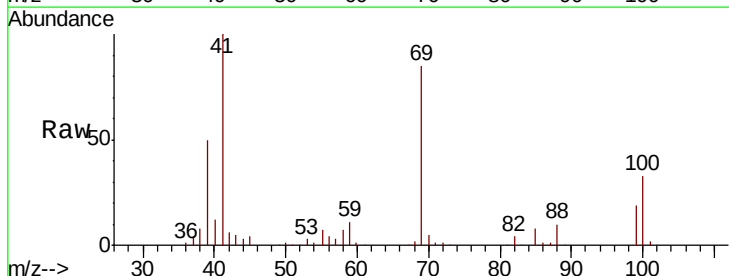
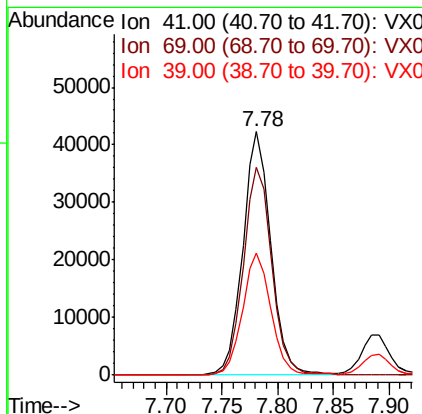
RT: 7.78 min Scan# 1180

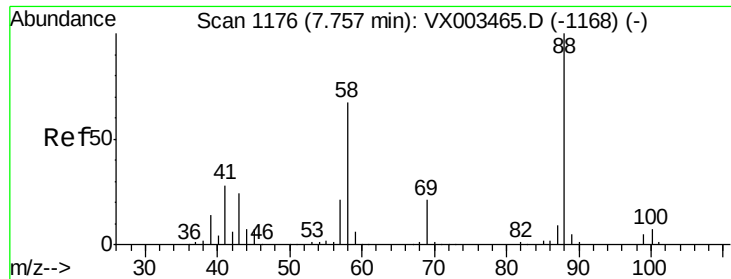
Delta R.T. 0.00 min

Lab File: VX003523.D

Acq: 20 Jul 2018 22:17

Tgt Ion:	41	Resp:	73052
Ion	Ratio	Lower	Upper
41	100		
69	87.8	59.1	88.7
39	51.3	48.9	73.3





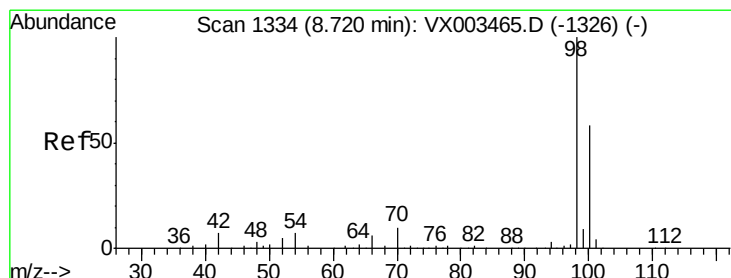
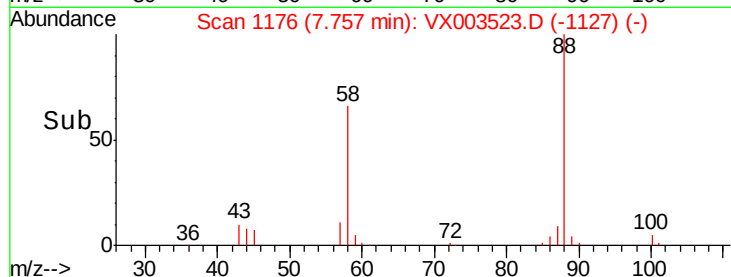
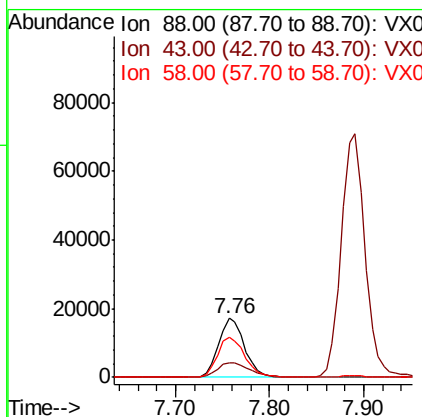
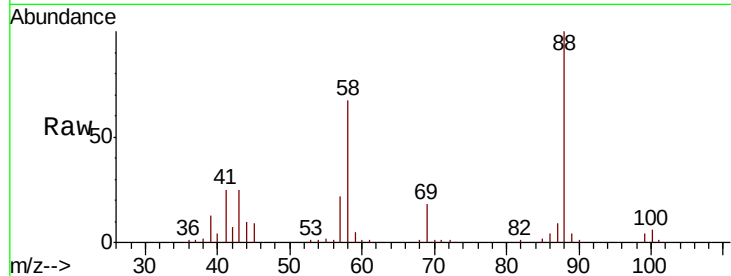
#49
1,4-Dioxane
Concen: 426.532 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VX003523.D
Acq: 20 Jul 2018 22:17

Instrument :
MSVOA_X
ClientSampleId :
VX0720WBSD03

Tgt Ion	Ratio	Lower	Upper
88	100		
43	29.4	29.8	44.6#
58	71.5	57.1	85.7

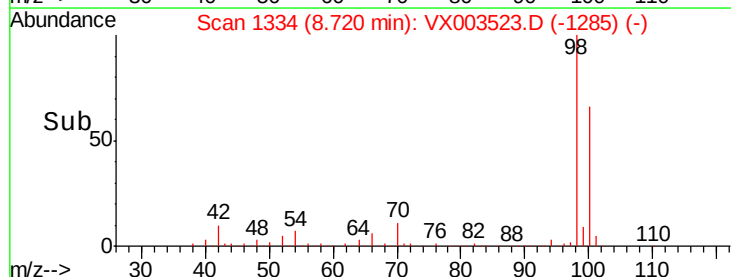
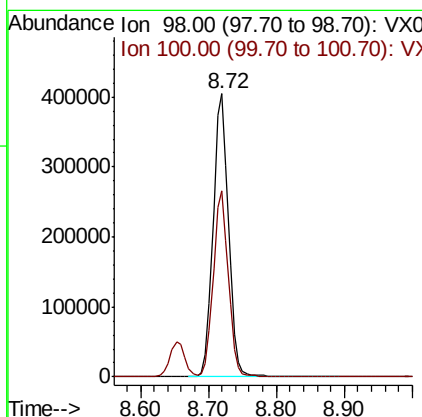
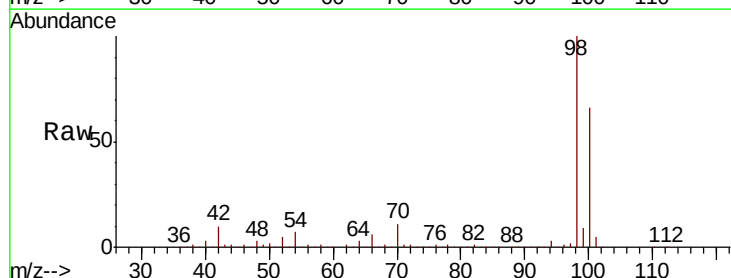
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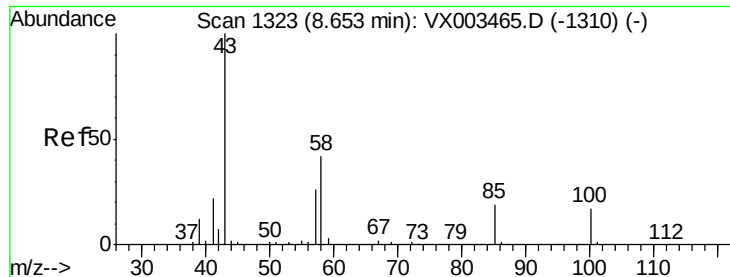
MMDadoda
7/23/2018 12:36:08 PM



#50
Toluene-d8
Concen: 52.898 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003523.D
Acq: 20 Jul 2018 22:17

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	50.9	76.3





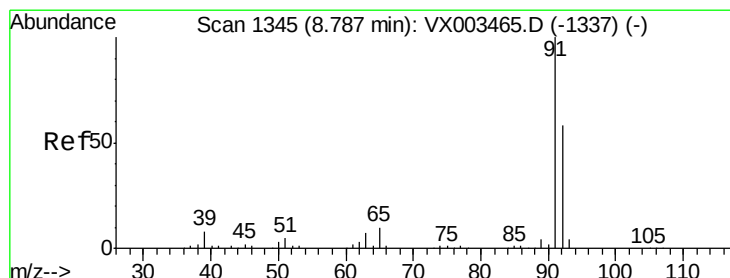
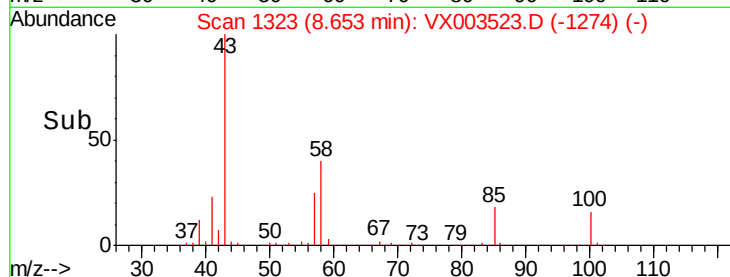
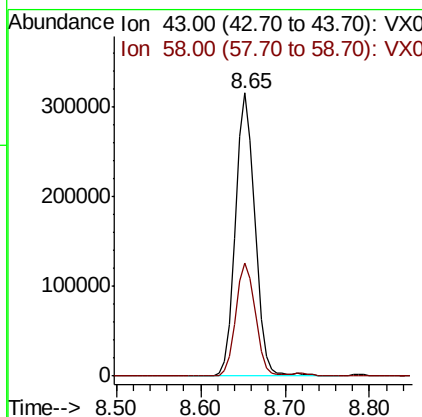
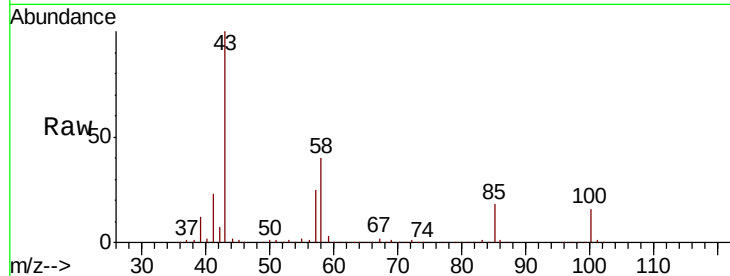
#51
 4-Methyl-2-Pentanone
 Concen: 114.529 ug/l
 RT: 8.65 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX003523.D
 Acq: 20 Jul 2018 22:17

Instrument :
 MSVOA_X
 ClientSampled :
 VX0720WBSD03

Tgt Ion: 43 Resp: 491308
 Ion Ratio Lower Upper
 43 100
 58 39.7 28.6 42.8

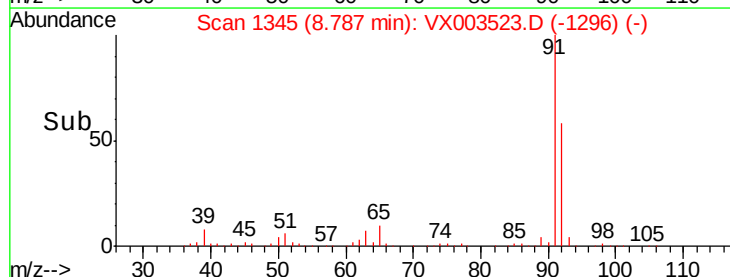
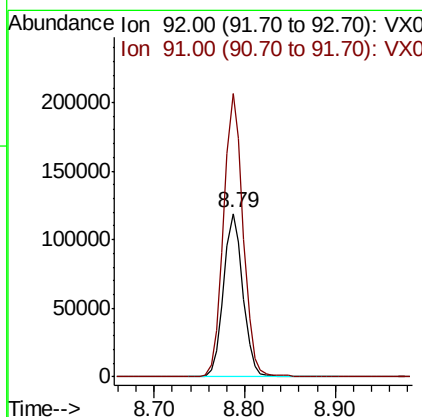
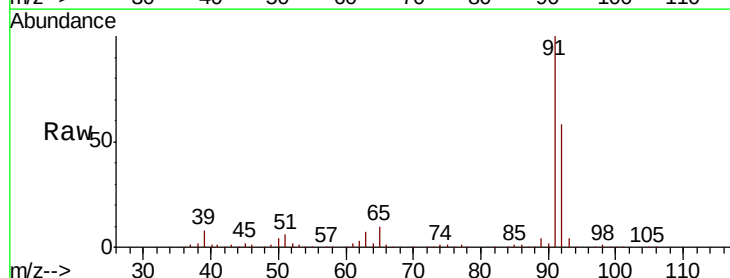
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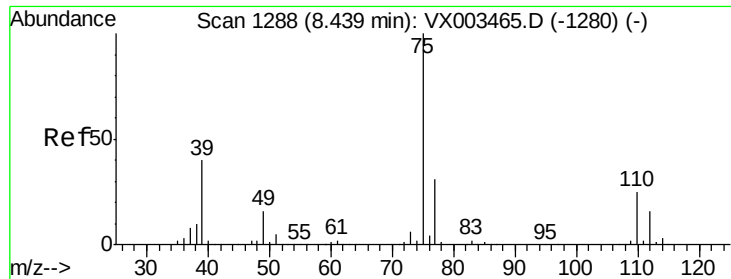
MMDadoda
 7/23/2018 12:36:08 PM



#52
 Toluene
 Concen: 20.755 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. 0.00 min
 Lab File: VX003523.D
 Acq: 20 Jul 2018 22:17

Tgt Ion: 92 Resp: 177938
 Ion Ratio Lower Upper
 92 100
 91 174.7 140.4 210.6





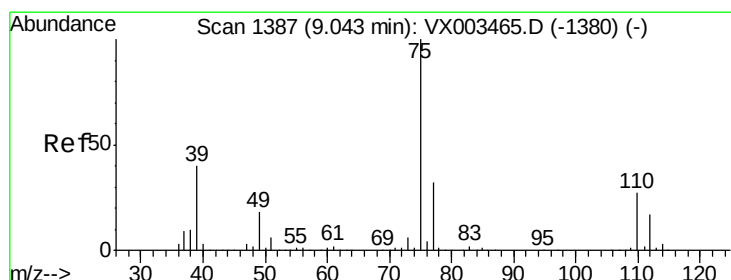
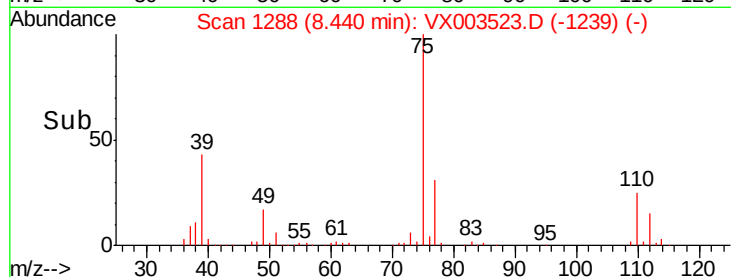
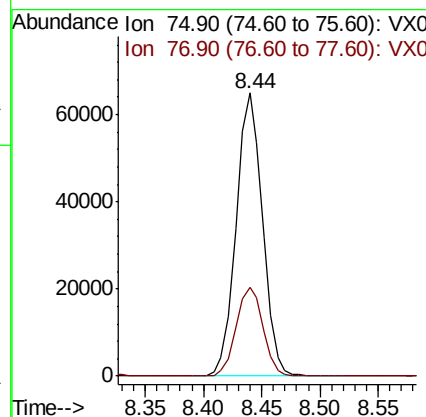
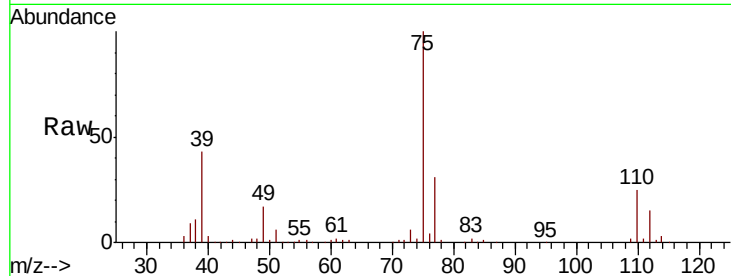
#53
t-1,3-Dichloropropene
Concen: 20.406 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX003523.D
Acq: 20 Jul 2018 22:17

Instrument :
MSVOA_X
ClientSampleId :
VX0720WBSD03

Tgt Ion: 75 Resp: 102377
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.2

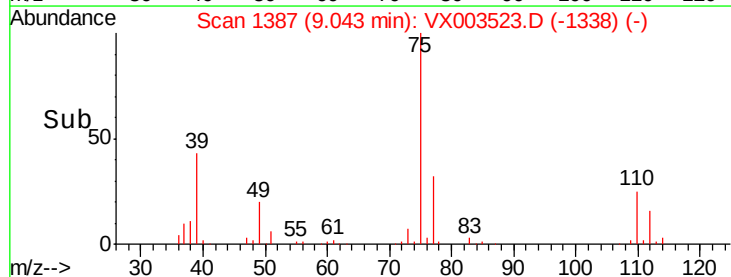
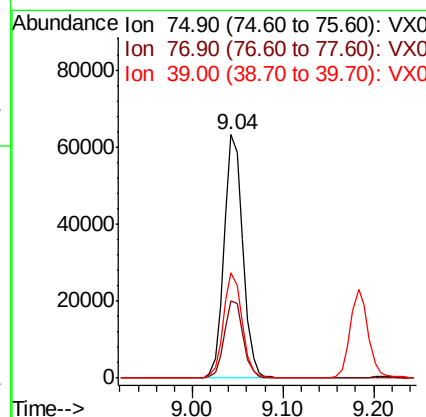
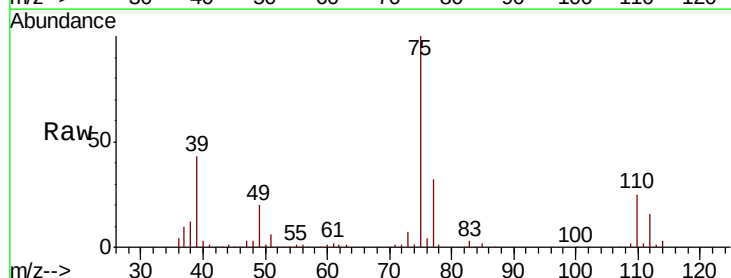
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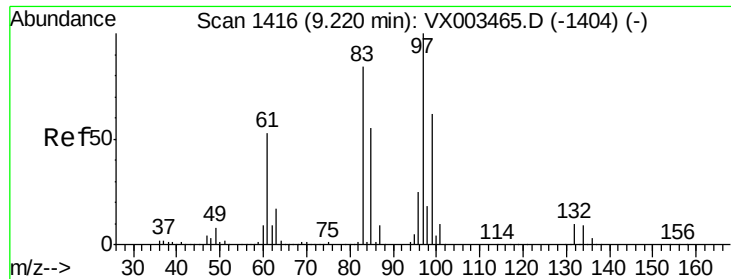
MMDadoda
7/23/2018 12:36:08 PM



#54
cis-1,3-Dichloropropene
Concen: 20.208 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VX003523.D
Acq: 20 Jul 2018 22:17

Tgt Ion: 75 Resp: 91172
Ion Ratio Lower Upper
75 100
77 31.7 24.8 37.2
39 43.1 42.4 63.6





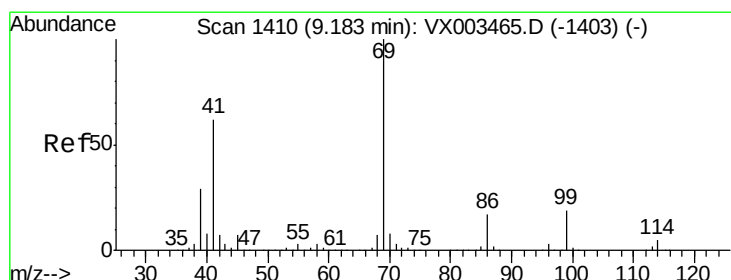
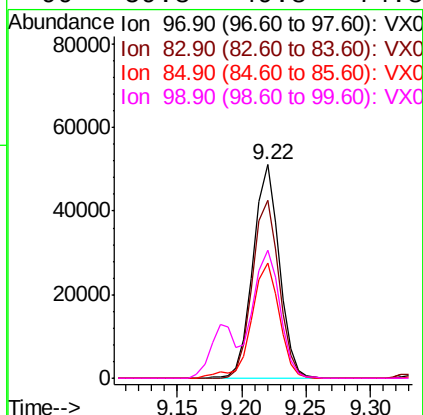
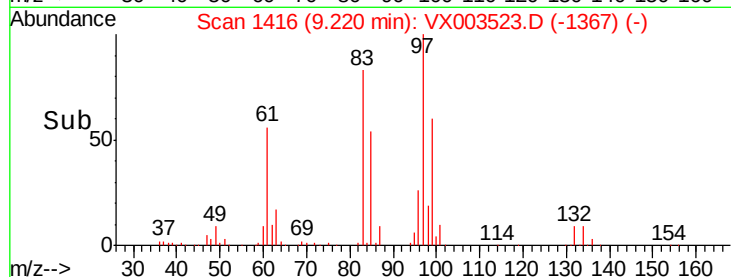
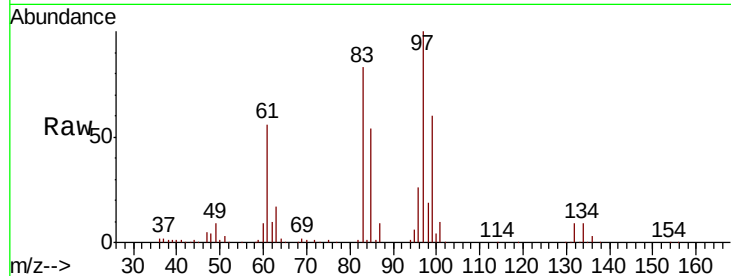
#55
 1,1,2-Trichloroethane
 Concen: 21.023 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003523.D
 Acq: 20 Jul 2018 22:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBSD03

Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.4	70.2	105.2
85	54.0	44.9	67.3
99	59.8	49.8	74.8

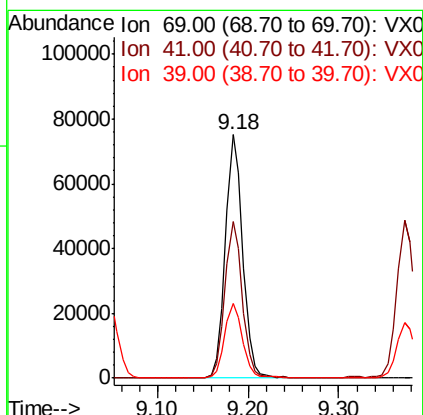
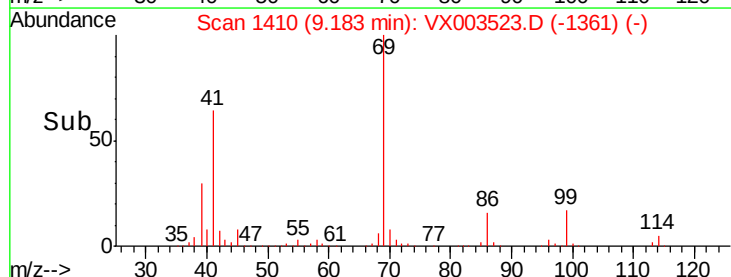
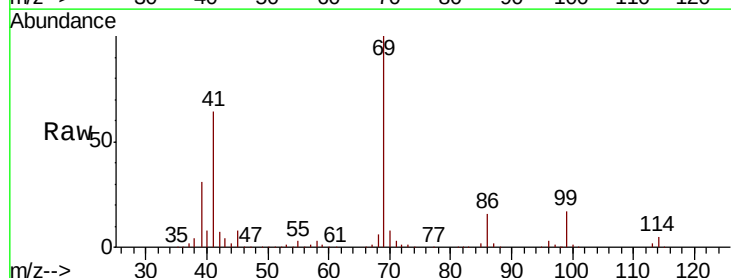
Manual Integrations
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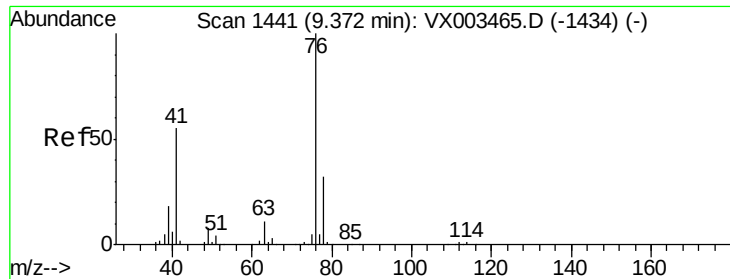
MMDadoda
 7/23/2018 12:36:08 PM



#56
 Ethyl methacrylate
 Concen: 20.850 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003523.D
 Acq: 20 Jul 2018 22:17

Tgt Ion	Ratio	Lower	Upper
69	100		
41	64.4	60.3	90.5
39	32.0	35.8	53.8#





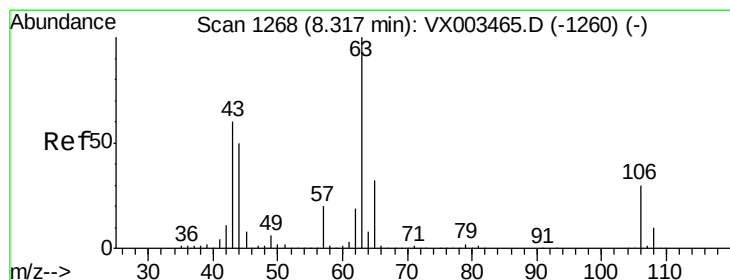
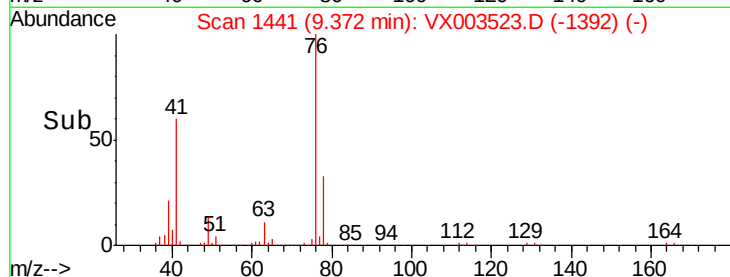
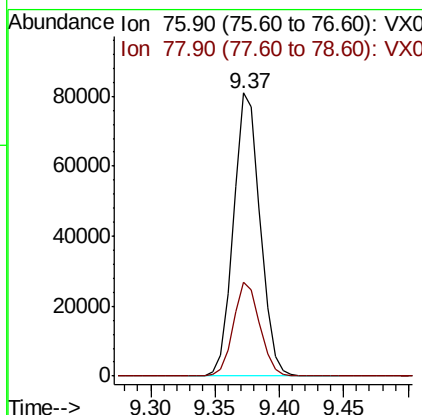
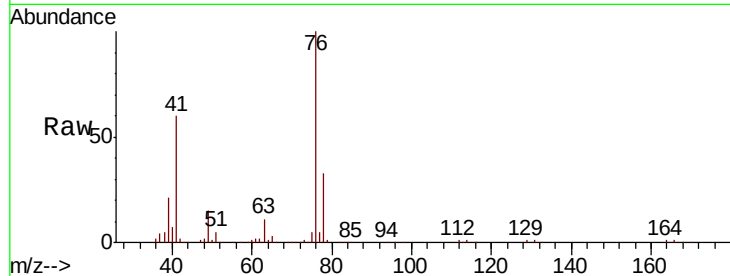
#57
 1,3-Dichloropropane
 Concen: 21.224 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: VX003523.D
 Acq: 20 Jul 2018 22:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBSD03

Tgt Ion: 76 Resp: 117037
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.8 38.6

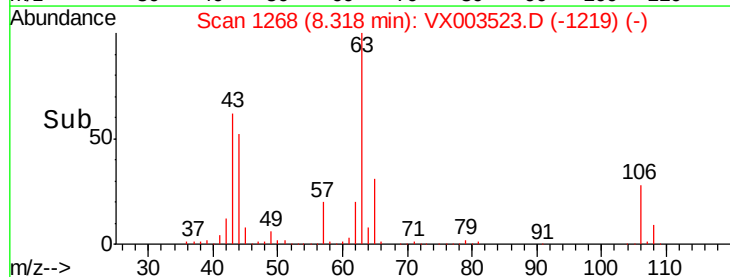
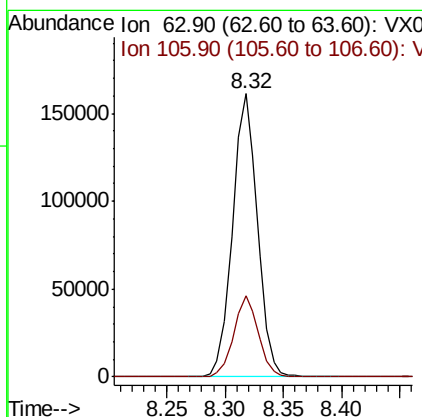
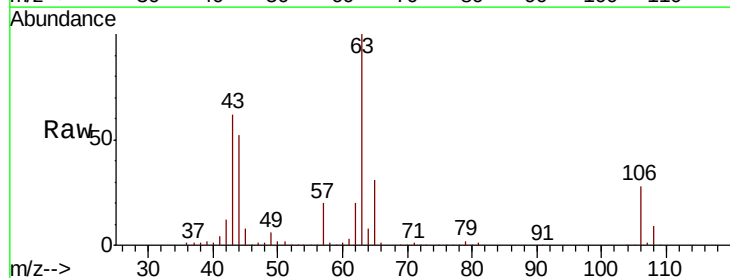
Manual Integrations
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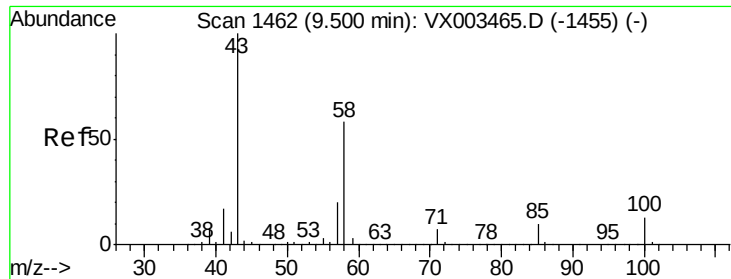
MMDadoda
 7/23/2018 12:36:08 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 102.809 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX003523.D
 Acq: 20 Jul 2018 22:17

Tgt Ion: 63 Resp: 240209
 Ion Ratio Lower Upper
 63 100
 106 28.2 21.8 32.8





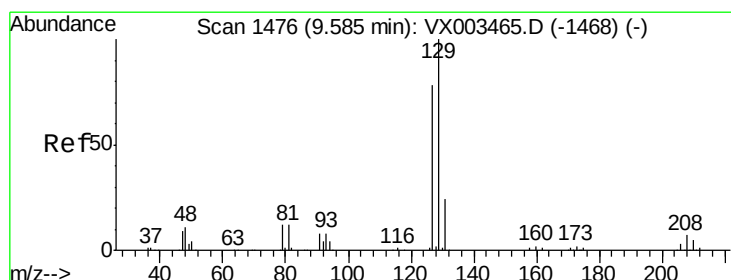
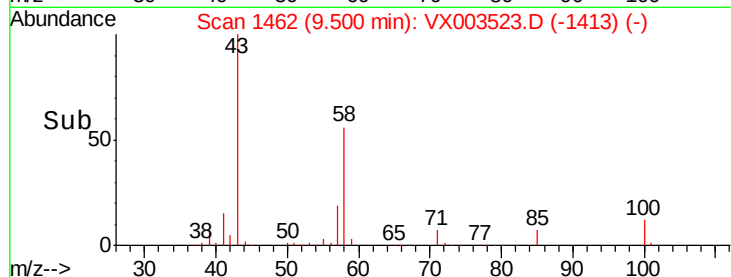
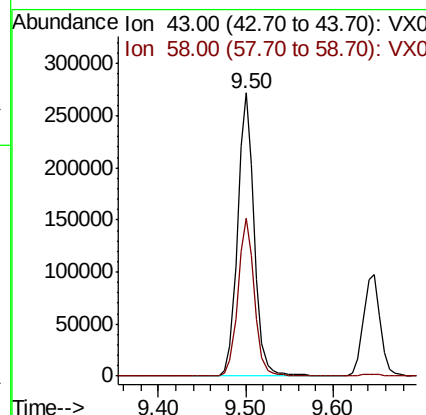
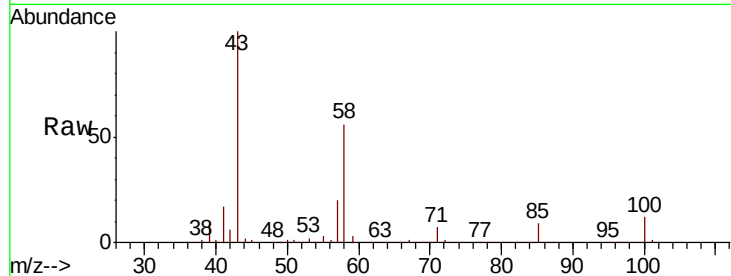
#59
2-Hexanone
Concen: 114.180 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003523.D
Acq: 20 Jul 2018 22:17

Instrument :
MSVOA_X
ClientSampleId :
VX0720WBSD03

Tgt Ion: 43 Resp: 362912
Ion Ratio Lower Upper
43 100
58 55.5 24.6 73.6

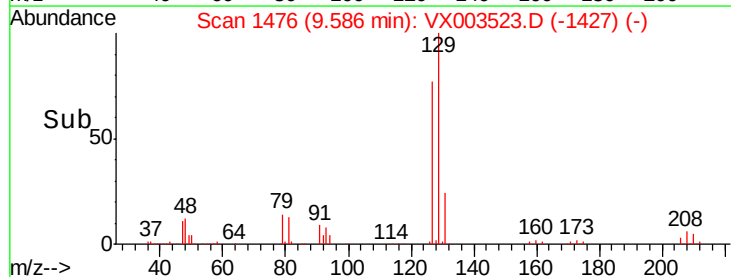
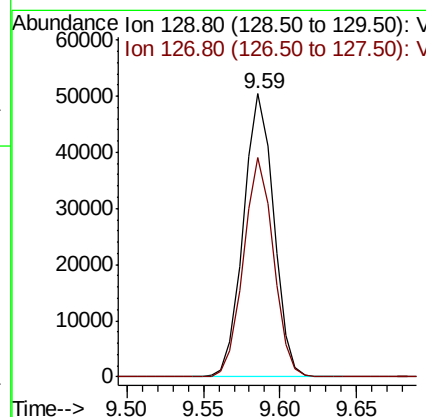
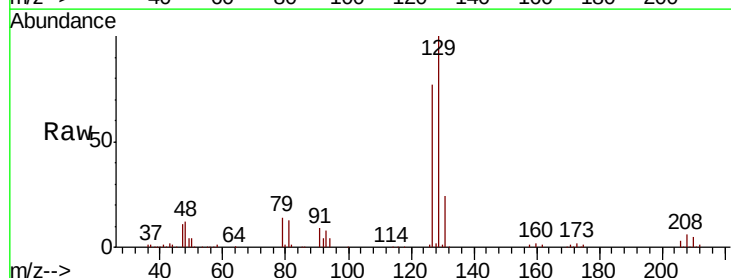
Manual Integrations
APPROVED

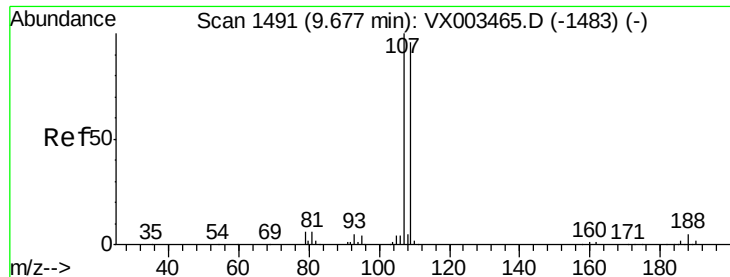
MMDadoda
7/23/2018 12:36:08 PM



#60
Dibromochloromethane
Concen: 20.614 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003523.D
Acq: 20 Jul 2018 22:17

Tgt Ion: 129 Resp: 69609
Ion Ratio Lower Upper
129 100
127 76.3 38.5 115.3





#61

1,2-Dibromoethane

Concen: 20.698 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003523.D

Acq: 20 Jul 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBSD03

Tgt Ion: 107 Resp: 73197

Ion Ratio Lower Upper

107 100

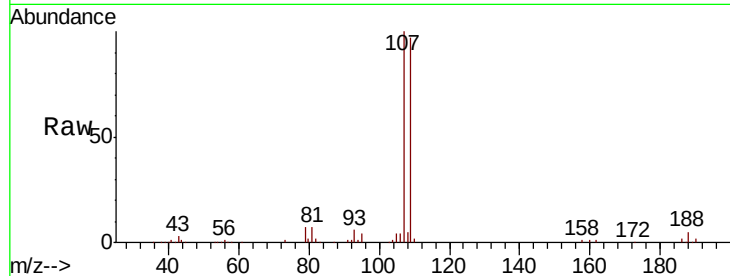
109 95.3 75.3 112.9

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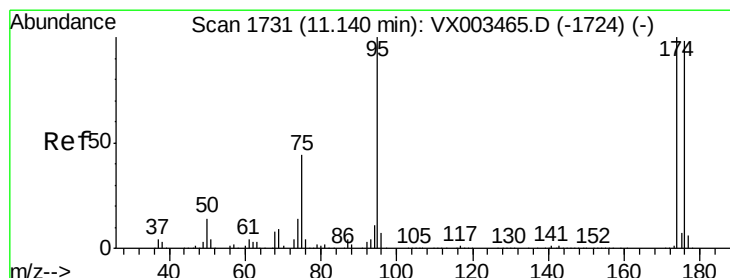
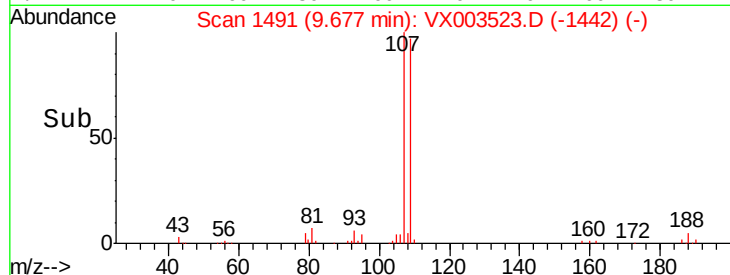
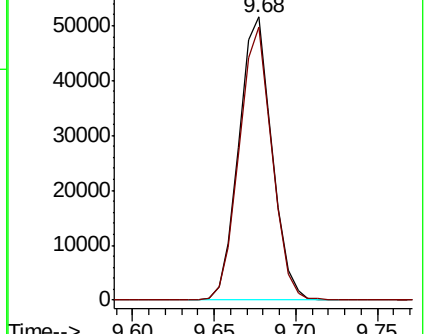
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.253 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003523.D

Acq: 20 Jul 2018 22:17

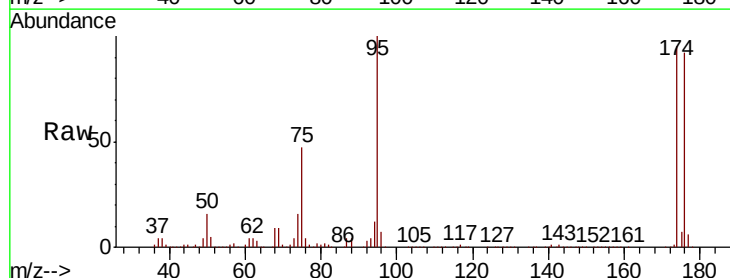
Tgt Ion: 95 Resp: 223730

Ion Ratio Lower Upper

95 100

174 94.1 0.0 187.4

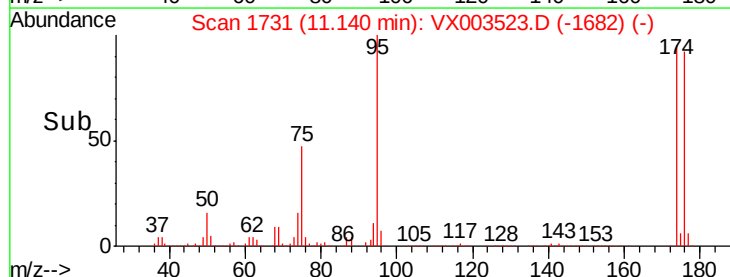
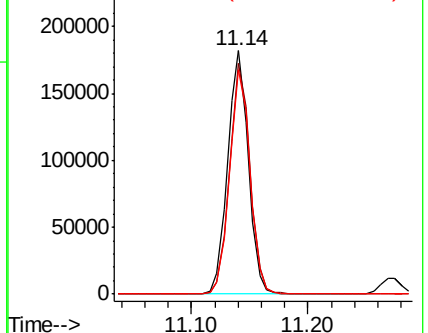
176 91.9 0.0 181.0

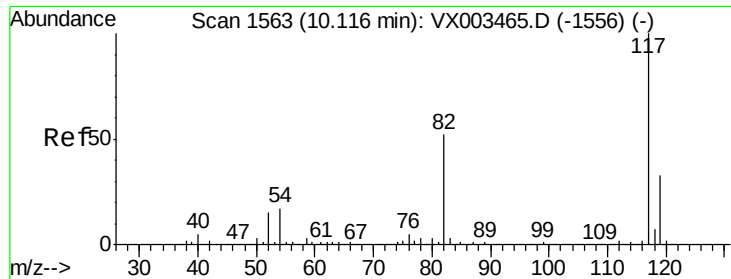


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





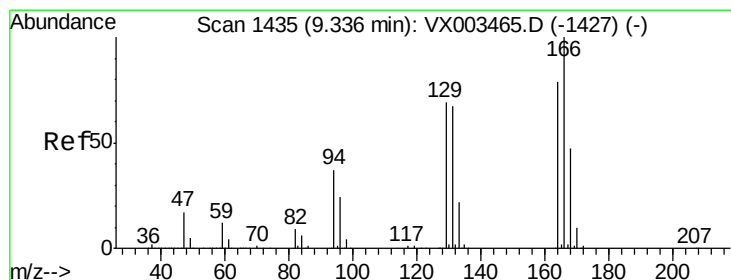
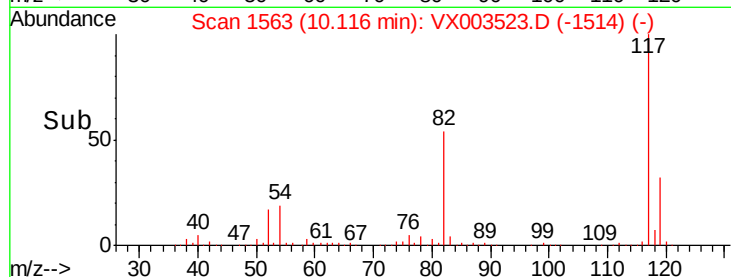
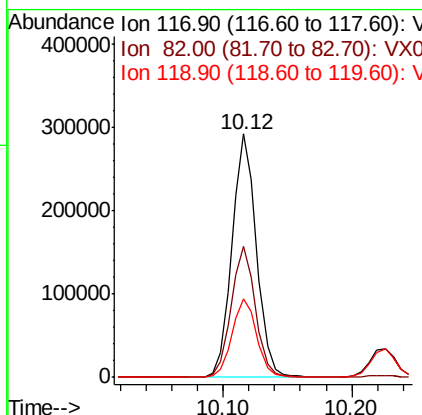
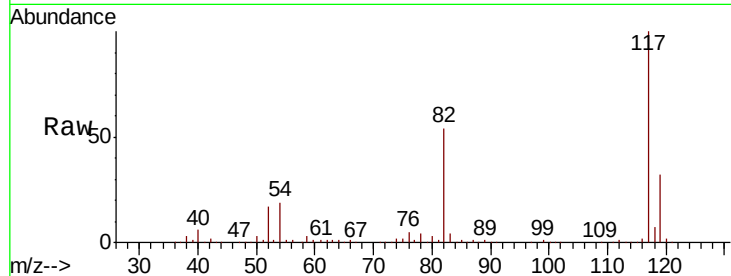
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003523.D
Acq: 20 Jul 2018 22:17

Instrument :
MSVOA_X
ClientSampleId :
VX0720WBSD03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	387195		
82	53.9	45.0	67.4	
119	32.5	25.8	38.6	

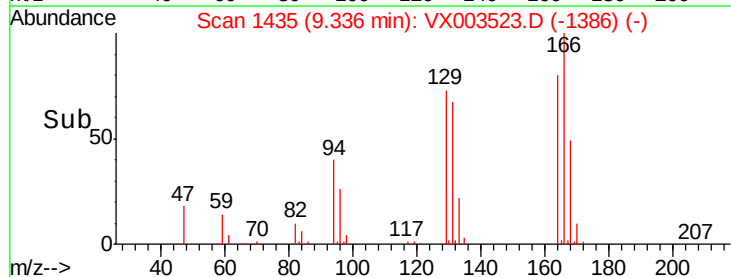
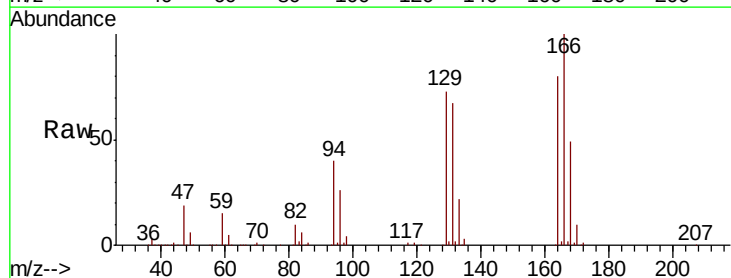
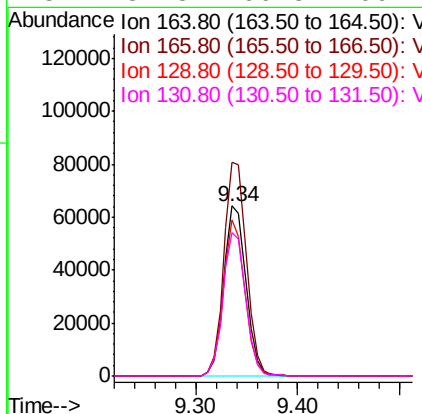
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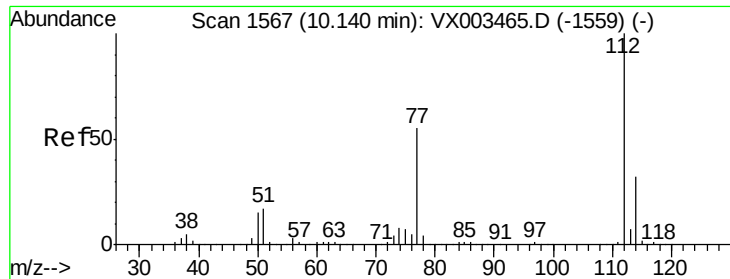
MMDadoda
7/23/2018 12:36:08 PM



#64
Tetrachloroethene
Concen: 20.604 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003523.D
Acq: 20 Jul 2018 22:17

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	97197		
166	125.6	102.9	154.3	
129	92.1	68.6	102.8	
131	84.3	66.8	100.2	





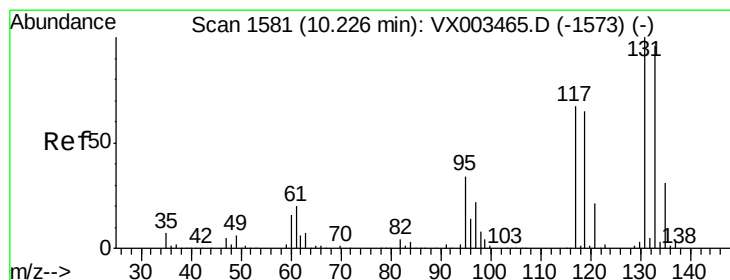
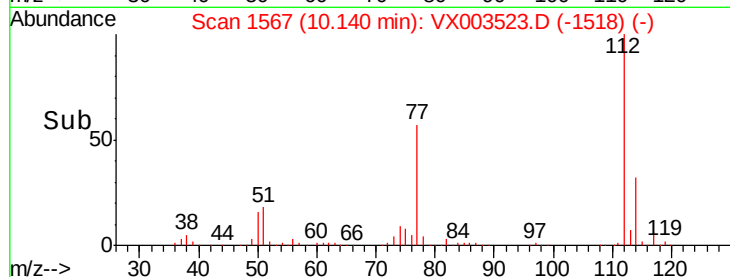
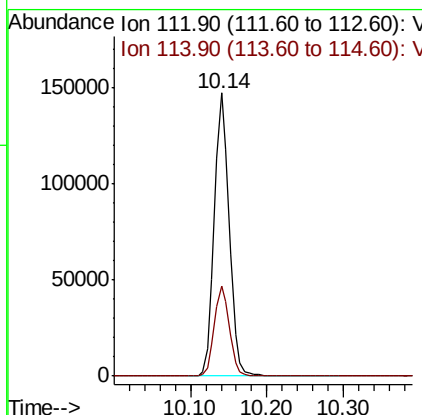
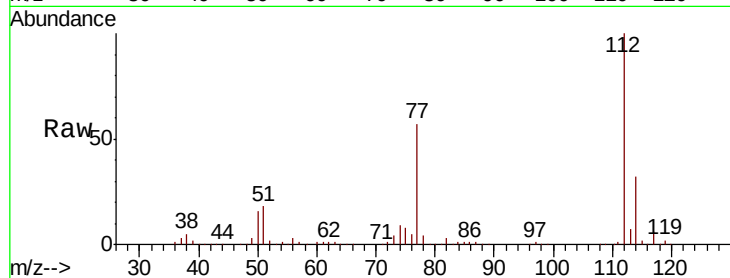
#65
Chlorobenzene
Concen: 20.002 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003523.D
Acq: 20 Jul 2018 22:17

Instrument :
MSVOA_X
ClientSampleId :
VX0720WBSD03

Tgt Ion:112 Resp: 199543
Ion Ratio Lower Upper
112 100
114 32.0 25.3 37.9

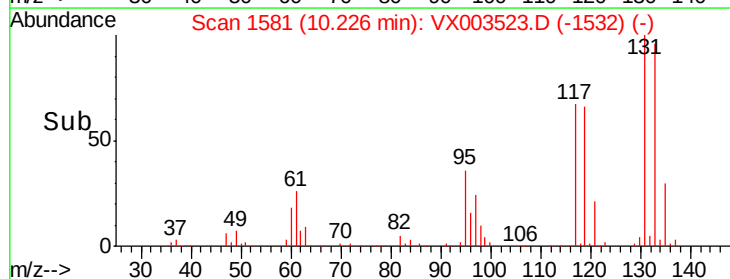
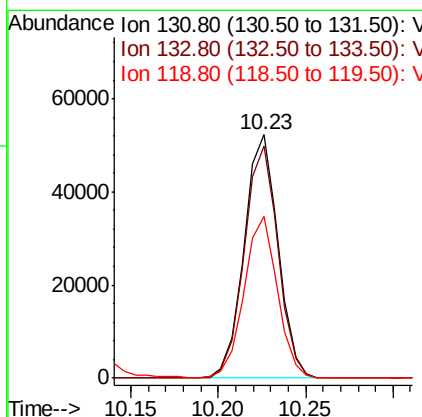
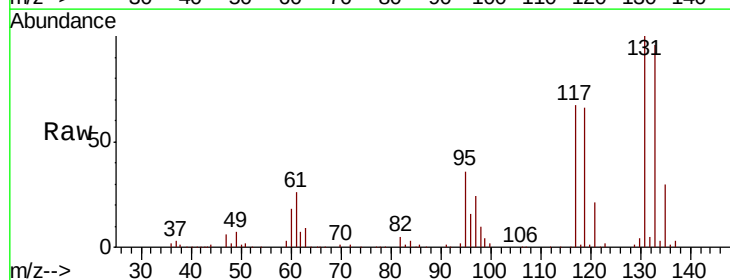
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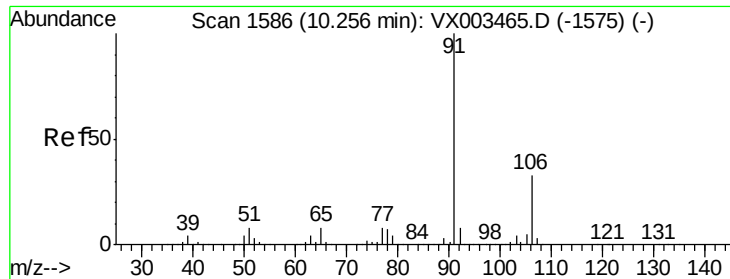
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.513 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX003523.D
Acq: 20 Jul 2018 22:17

Tgt Ion:131 Resp: 70410
Ion Ratio Lower Upper
131 100
133 95.0 47.9 143.6
119 65.2 31.8 95.3





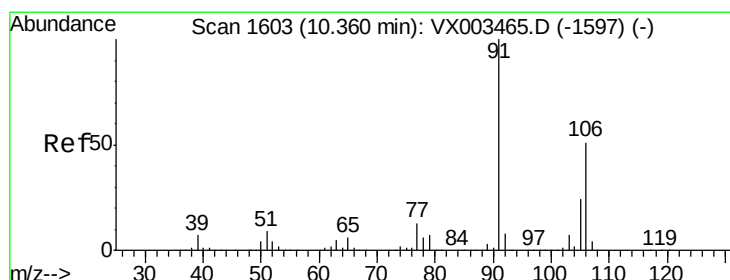
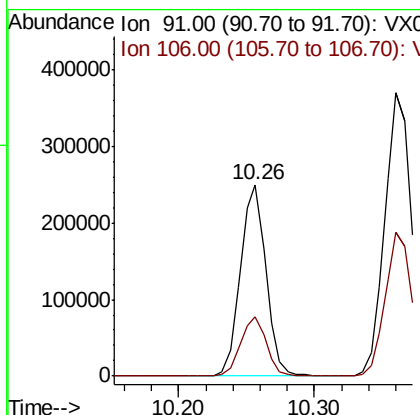
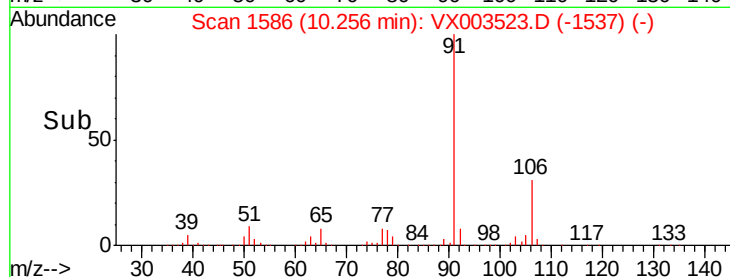
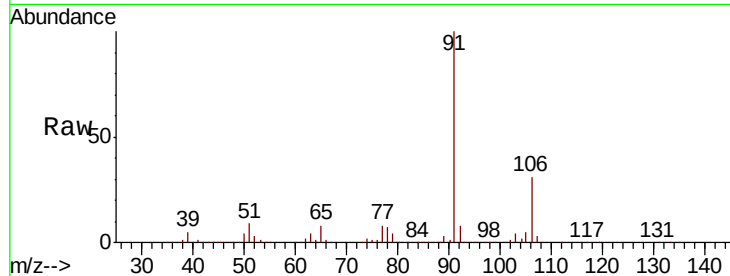
#67
Ethyl Benzene
Concen: 20.361 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003523.D
Acq: 20 Jul 2018 22:17

Instrument :
MSVOA_X
ClientSampleId :
VX0720WBSD03

Tgt Ion: 91 Resp: 326591
Ion Ratio Lower Upper
91 100
106 31.1 25.5 38.3

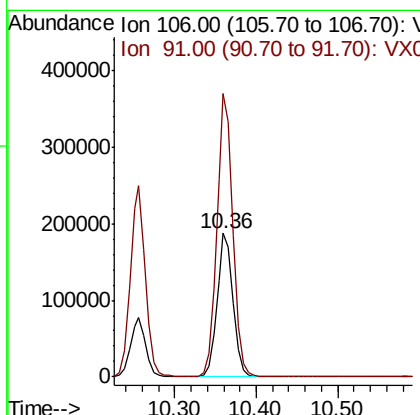
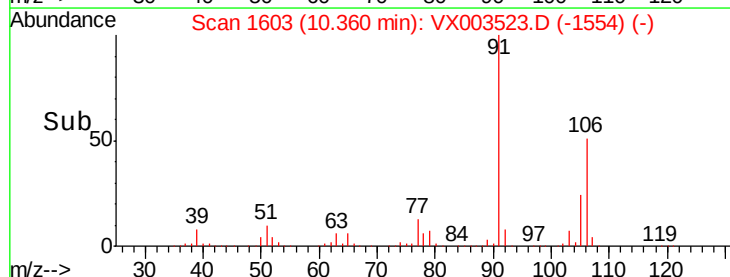
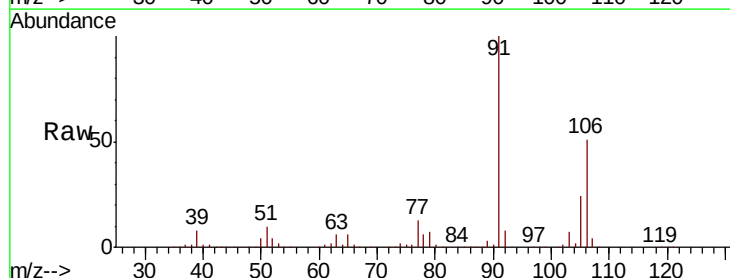
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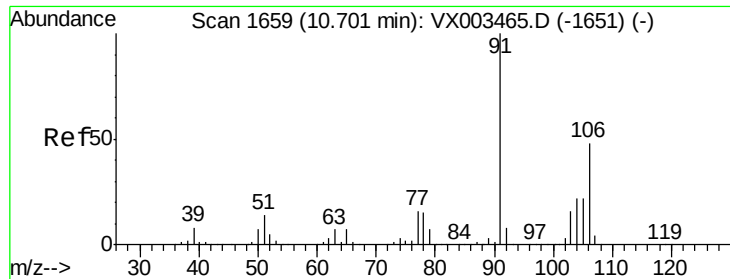
MMDadoda
7/23/2018 12:36:08 PM



#68
m/p-Xylenes
Concen: 40.900 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003523.D
Acq: 20 Jul 2018 22:17

Tgt Ion: 106 Resp: 257196
Ion Ratio Lower Upper
106 100
91 198.3 163.4 245.2





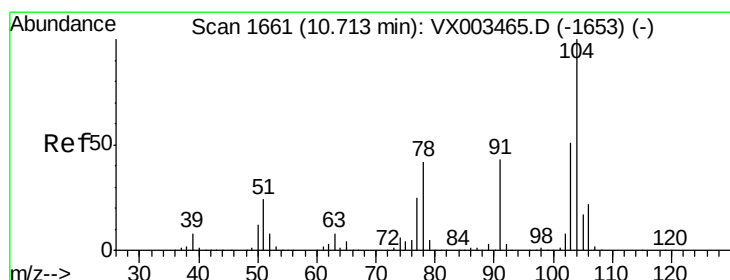
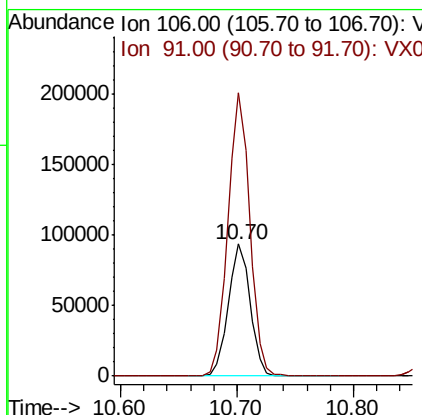
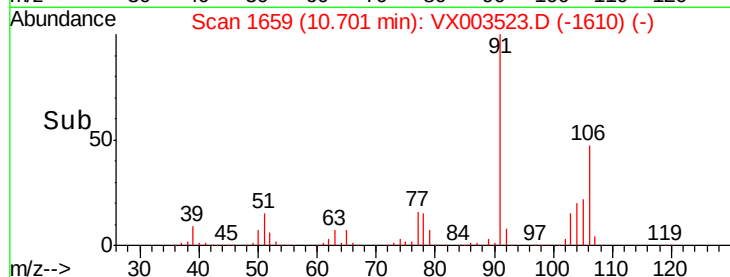
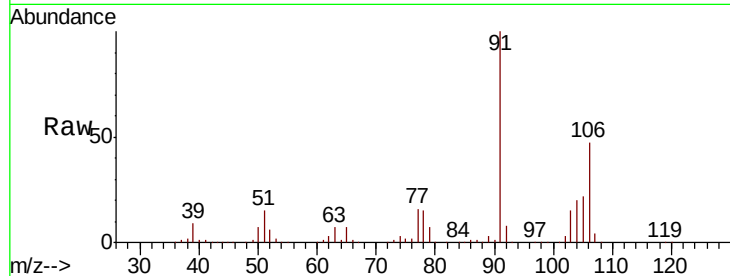
#69
o-Xylene
Concen: 20.159 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003523.D
Acq: 20 Jul 2018 22:17

Instrument :
MSVOA_X
ClientSampleId :
VX0720WBSD03

Tgt Ion:106 Resp: 122582
Ion Ratio Lower Upper
106 100
91 213.9 108.2 324.6

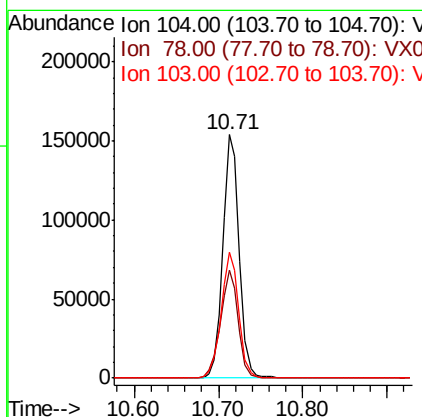
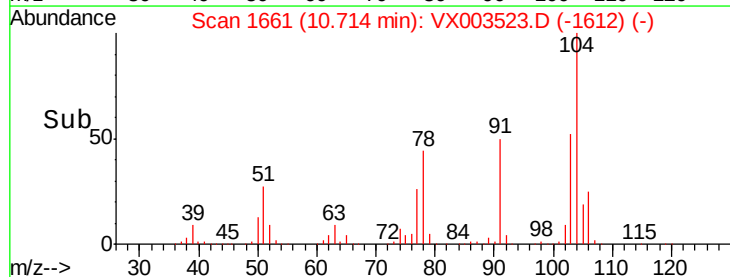
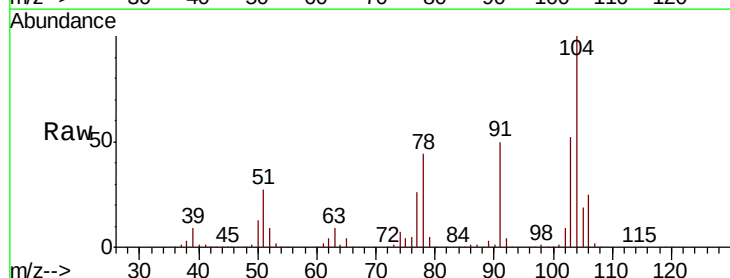
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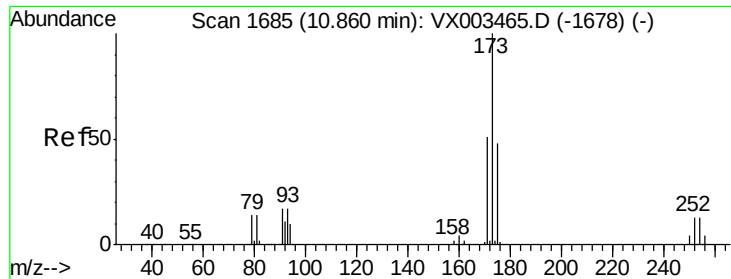
MMDadoda
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#70
Styrene
Concen: 20.505 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003523.D
Acq: 20 Jul 2018 22:17

Tgt Ion:104 Resp: 205102
Ion Ratio Lower Upper
104 100
78 48.2 41.0 61.6
103 55.8 44.2 66.4





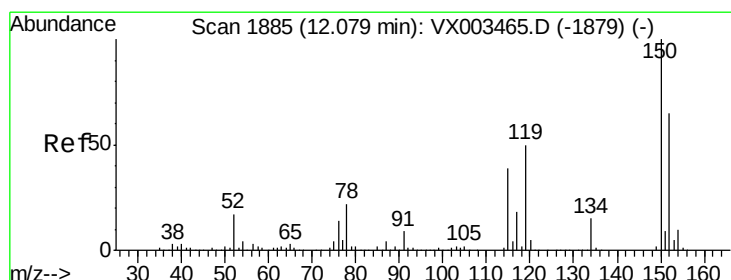
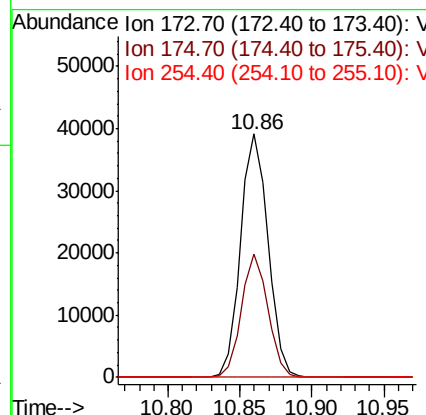
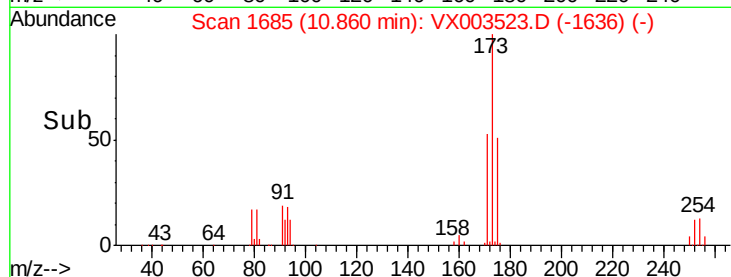
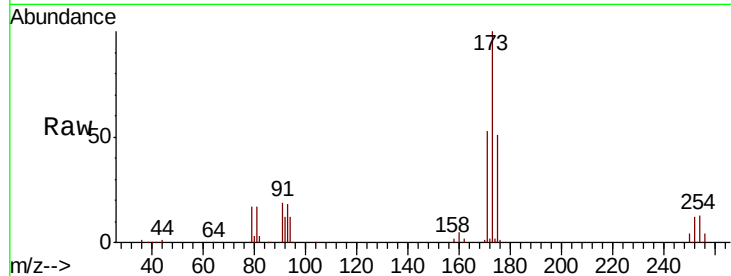
#71
Bromoform
Concen: 19.540 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003523.D
Acq: 20 Jul 2018 22:17

Instrument :
MSVOA_X
ClientSampleId :
VX0720WBSD03

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.7	74.1
254	0.2	0.2	0.2

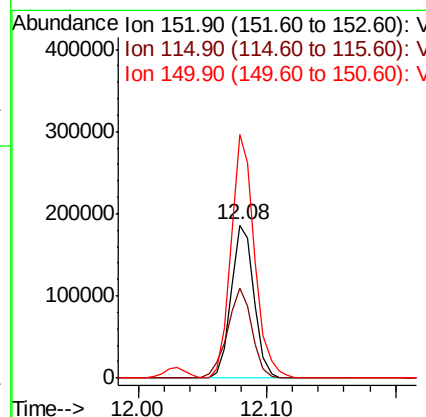
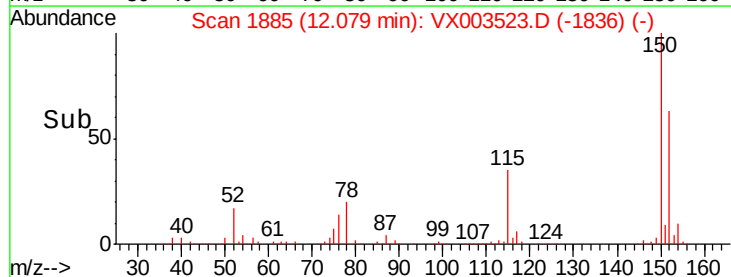
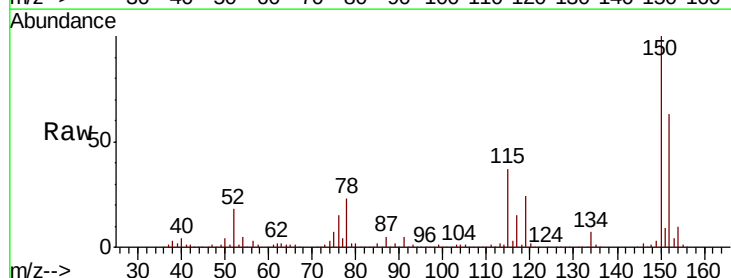
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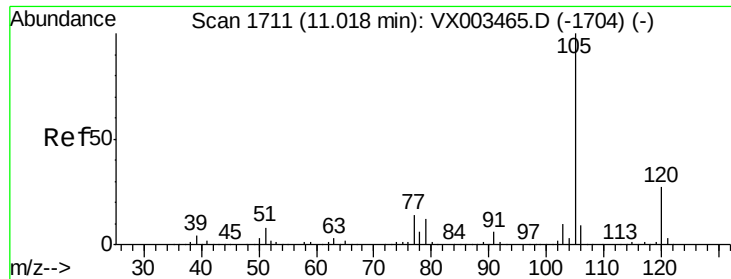
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003523.D
Acq: 20 Jul 2018 22:17

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.8	40.1	120.2
150	163.7	0.0	347.2





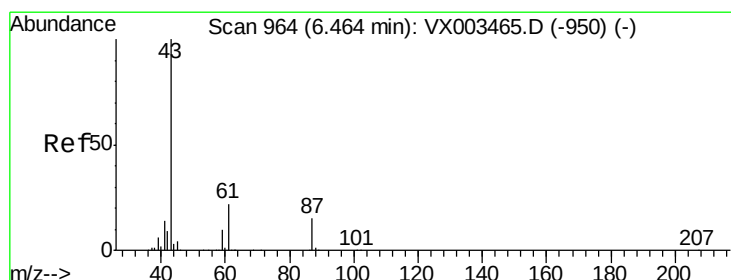
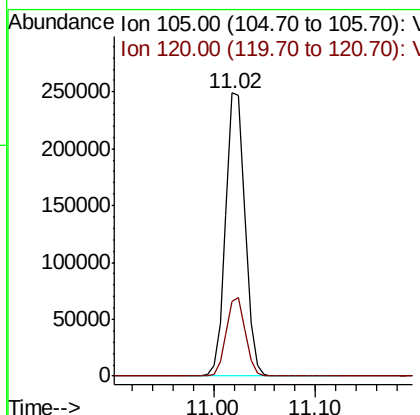
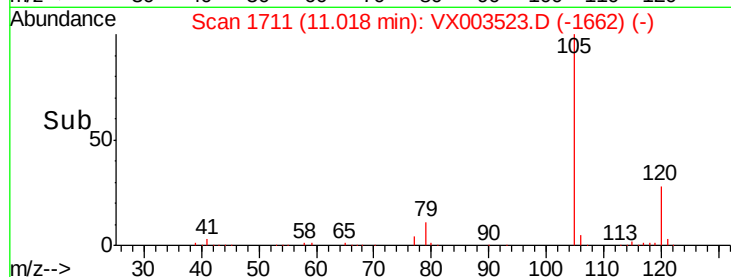
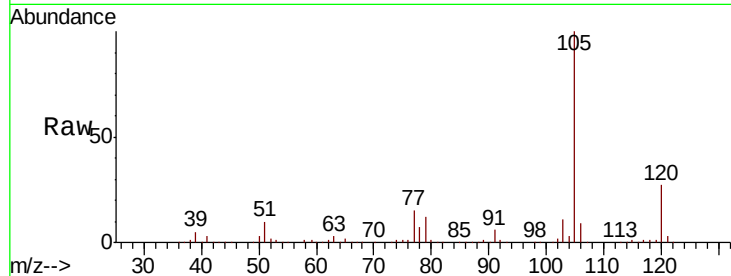
#73
Isopropylbenzene
Concen: 20.536 ug/l
RT: 11.02 min Scan# 1711
Delta R.T. 0.00 min
Lab File: VX003523.D
Acq: 20 Jul 2018 22:17

Instrument :
MSVOA_X
ClientSampleId :
VX0720WBSD03

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.2	13.5	40.4

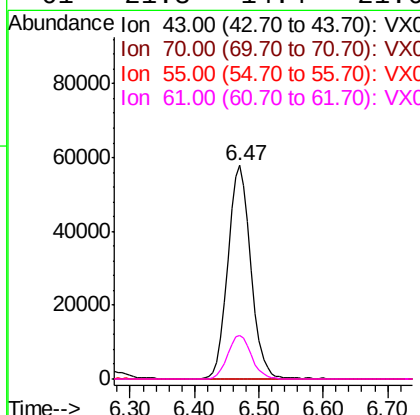
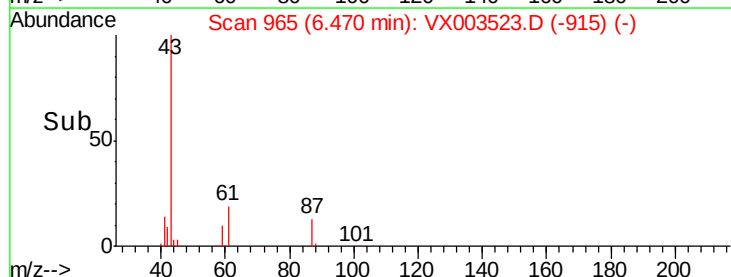
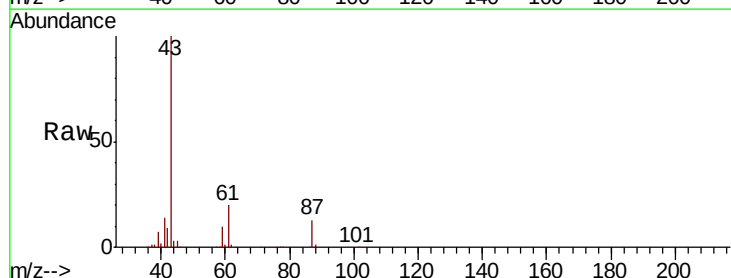
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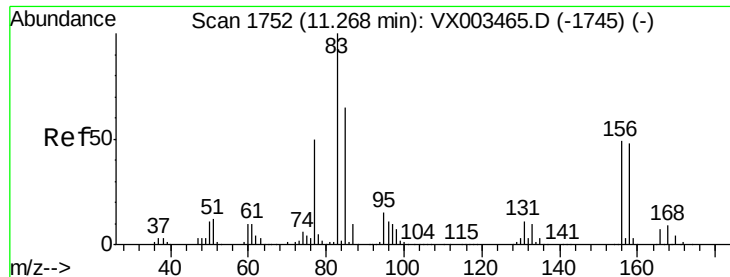
MMDadoda
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#74
N-ethyl acetate
Concen: 21.204 ug/l
RT: 6.47 min Scan# 965
Delta R.T. 0.01 min
Lab File: VX003523.D
Acq: 20 Jul 2018 22:17

Tgt Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	0.0	0.0	0.0
61	21.3	14.4	21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 21.277 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. 0.00 min

Lab File: VX003523.D

Acq: 20 Jul 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBSD03

Tgt Ion: 83 Resp: 100034
Ion Ratio Lower Upper

83 100

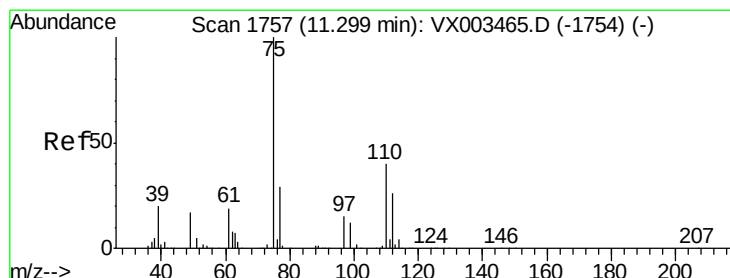
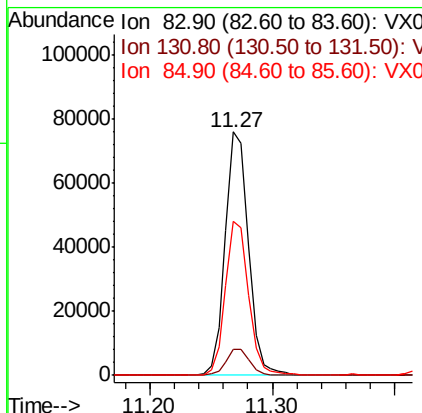
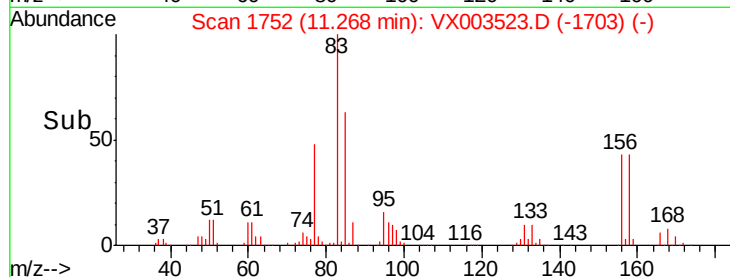
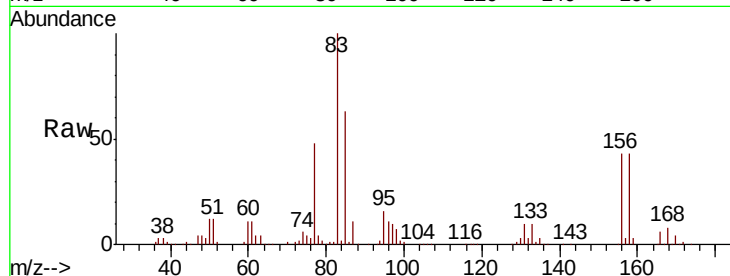
131 10.6 5.6 16.8

85 63.2 32.4 97.2

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#76

1,2,3-Trichloropropane

Concen: 22.028 ug/l m

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

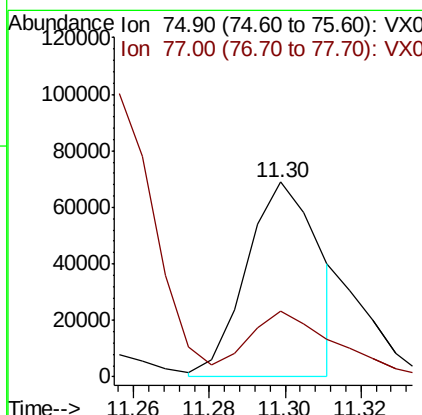
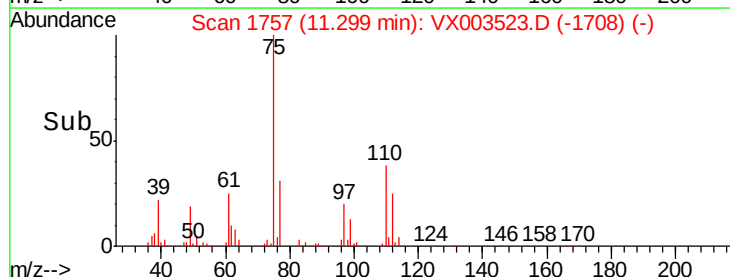
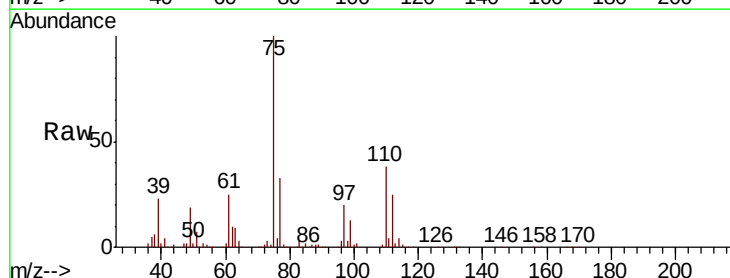
Lab File: VX003523.D

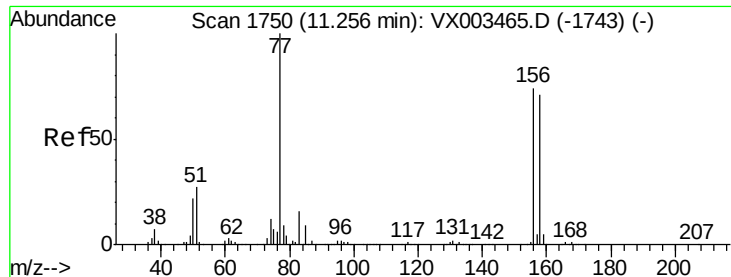
Acq: 20 Jul 2018 22:17

Tgt Ion: 75 Resp: 91802
Ion Ratio Lower Upper

75 100

77 40.3 22.8 68.3





#77

Bromobenzene

Concen: 19.791 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003523.D

Acq: 20 Jul 2018 22:17

Instrument :

MSVOA_X

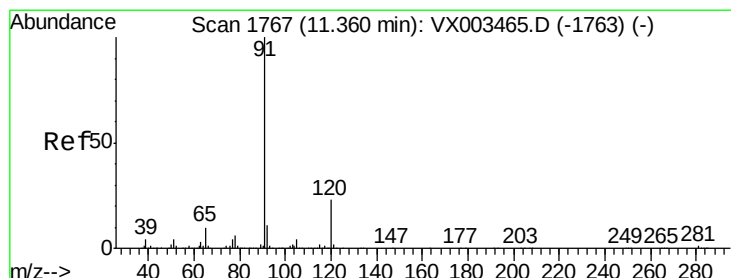
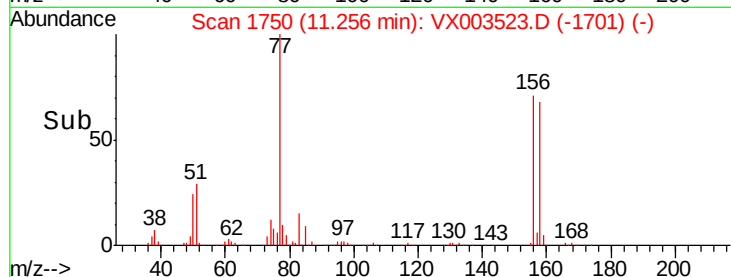
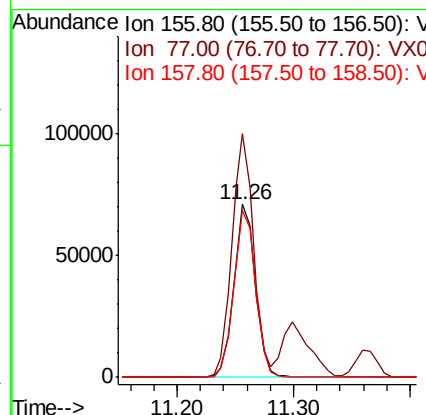
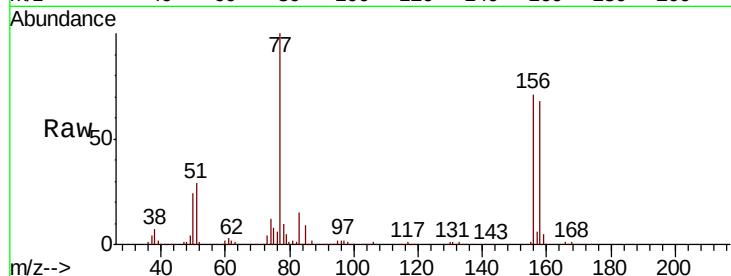
ClientSampleId :

VX0720WBSD03

Tgt Ion	Ratio	Lower	Upper
156	100		
77	140.7	71.4	214.2
158	97.5	48.9	146.6

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#78

n-propylbenzene

Concen: 20.841 ug/l

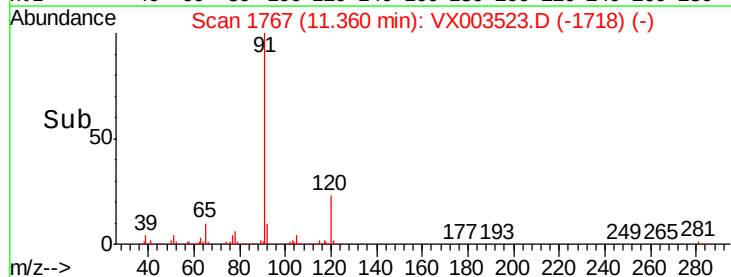
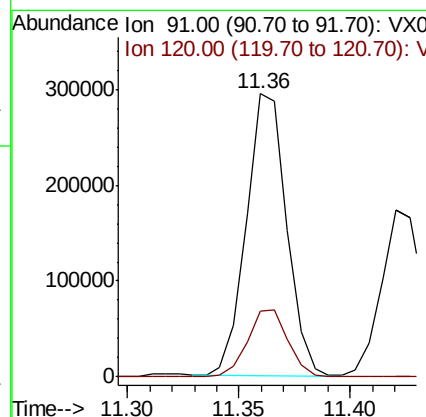
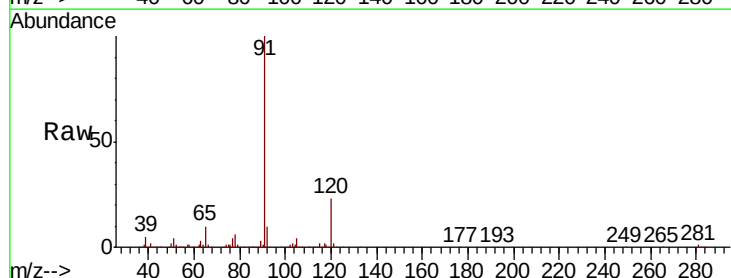
RT: 11.36 min Scan# 1767

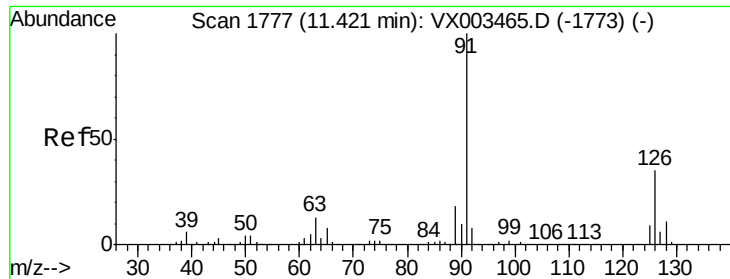
Delta R.T. 0.00 min

Lab File: VX003523.D

Acq: 20 Jul 2018 22:17

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.1	11.8	35.4





#79

2-Chlorotoluene

Concen: 20.543 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. 0.00 min

Lab File: VX003523.D

Acq: 20 Jul 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBSD03

Tgt Ion: 91 Resp: 222414

Ion Ratio Lower Upper

91 100

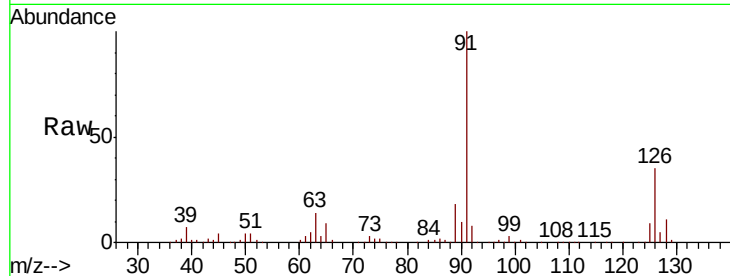
126 36.2 17.7 53.1

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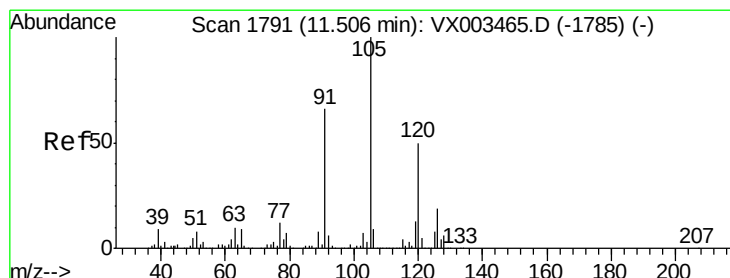
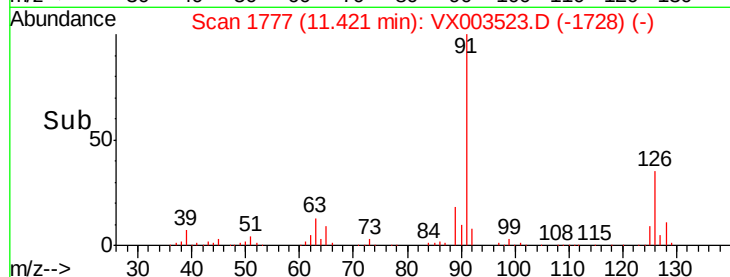
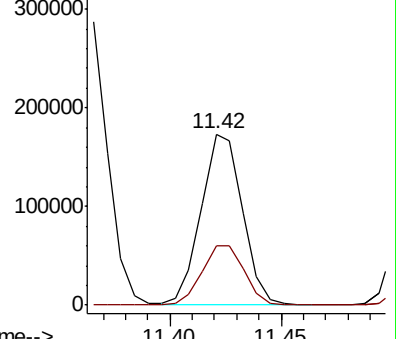
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.810 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX003523.D

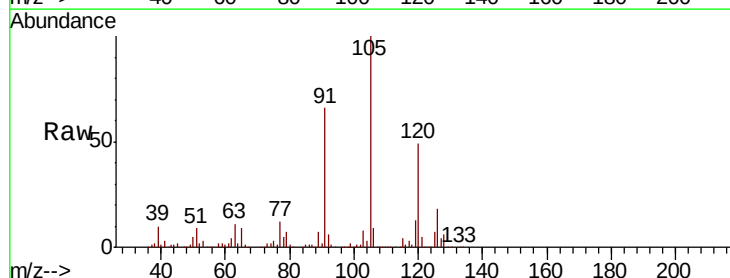
Acq: 20 Jul 2018 22:17

Tgt Ion: 105 Resp: 274383

Ion Ratio Lower Upper

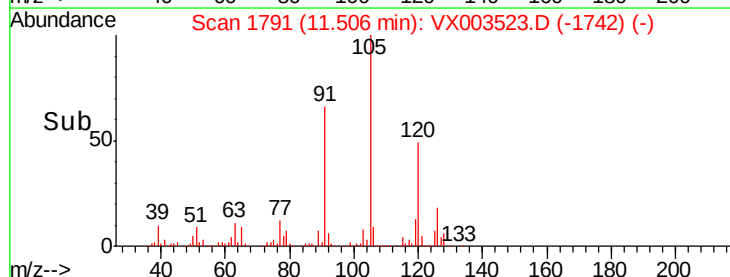
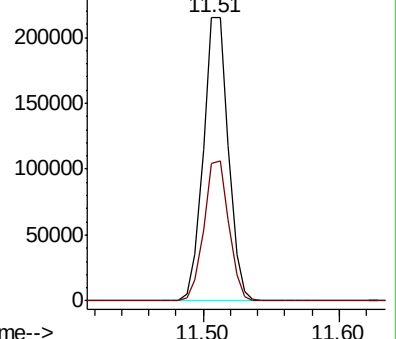
105 100

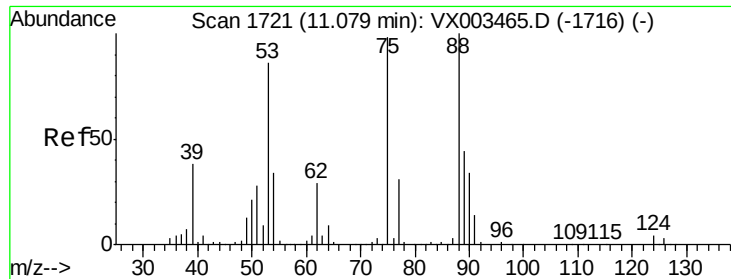
120 49.3 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 18.026 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003523.D

Acq: 20 Jul 2018 22:17

Instrument :

MSVOA_X

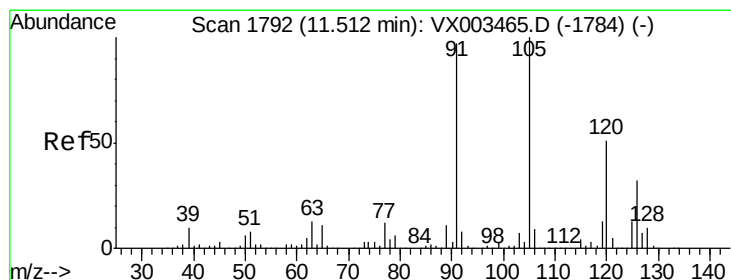
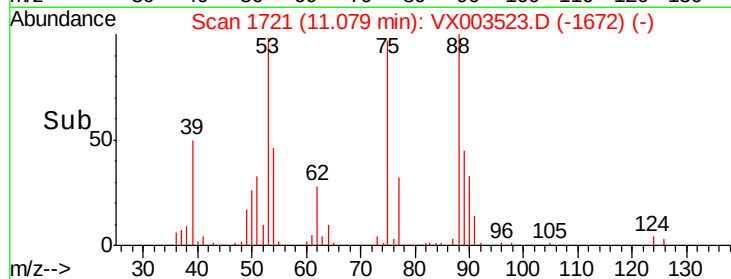
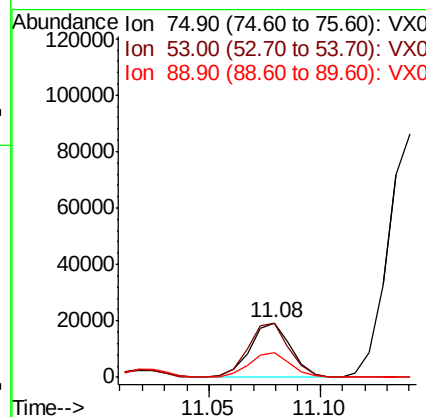
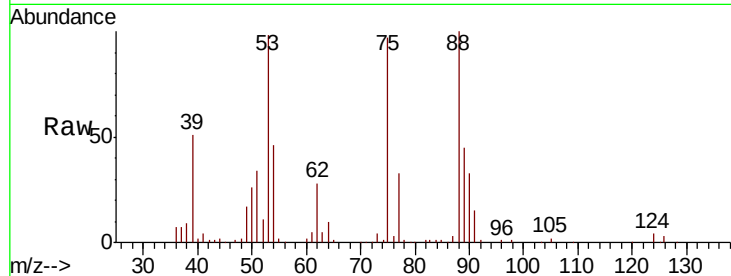
ClientSampleId :

VX0720WBSD03

Tgt Ion:	75	Resp:	24119
Ion	Ratio	Lower	Upper
75	100		
53	102.5	86.8	130.2
89	46.7	38.2	57.2

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#82

4-Chlorotoluene

Concen: 20.678 ug/l

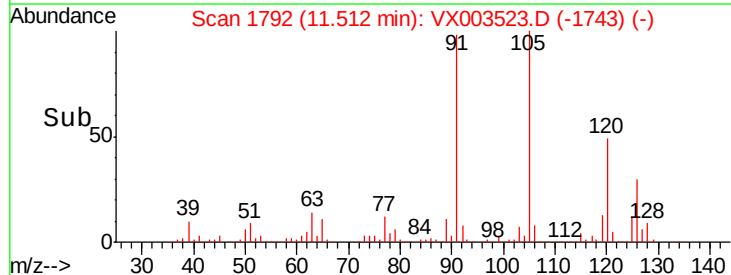
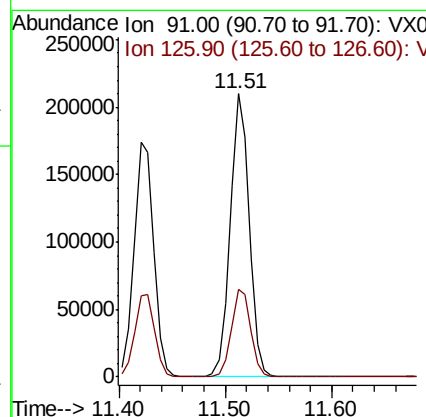
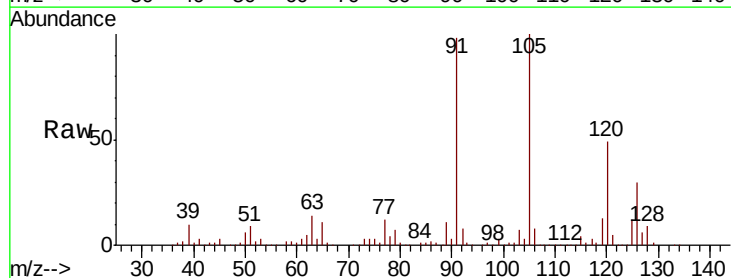
RT: 11.51 min Scan# 1792

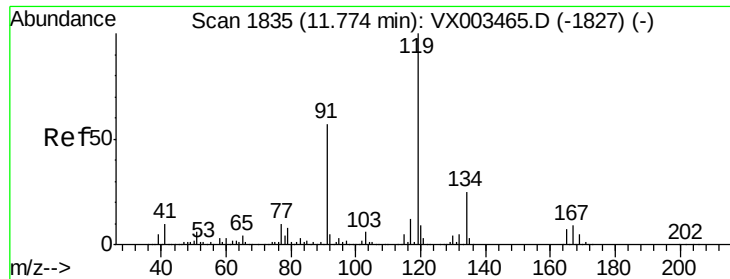
Delta R.T. 0.00 min

Lab File: VX003523.D

Acq: 20 Jul 2018 22:17

Tgt Ion:	91	Resp:	262317
Ion	Ratio	Lower	Upper
91	100		
126	31.8	15.4	46.4





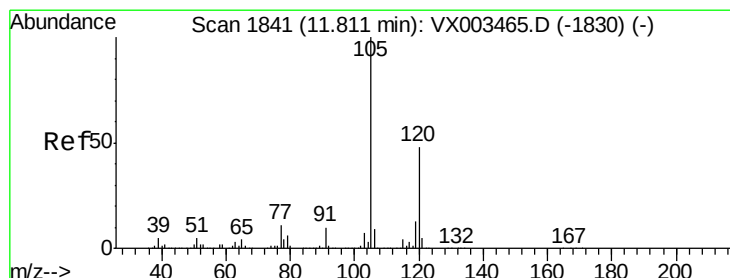
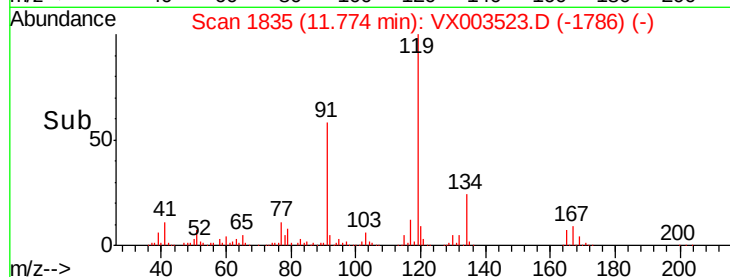
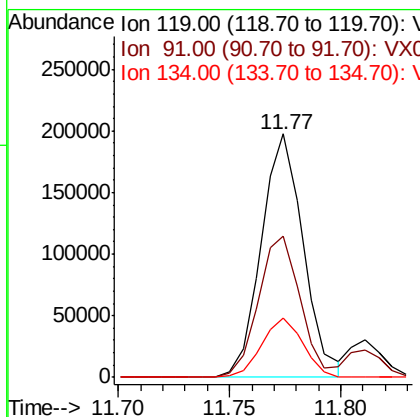
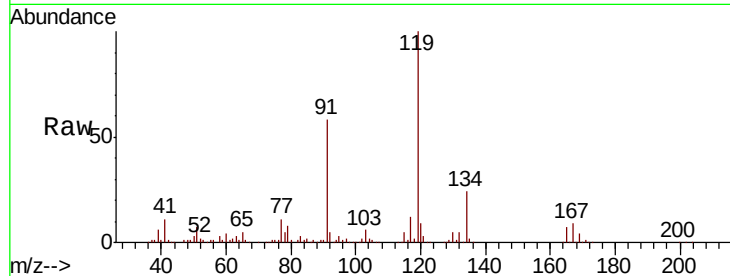
#83
 tert-Butylbenzene
 Concen: 20.069 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003523.D
 Acq: 20 Jul 2018 22:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBSD03

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	259139		
91	57.3	30.3	90.9	
134	24.0	11.7	35.1	

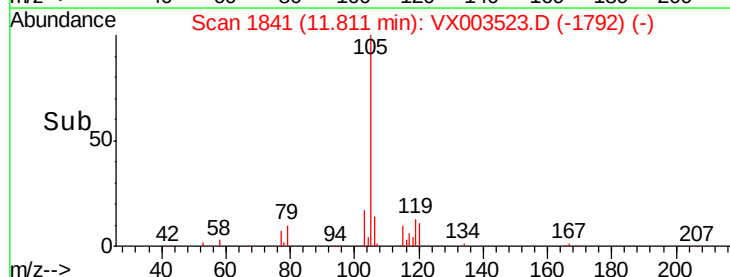
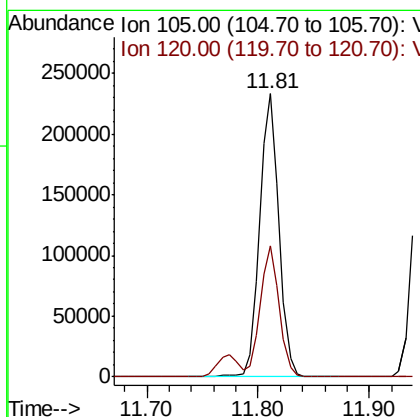
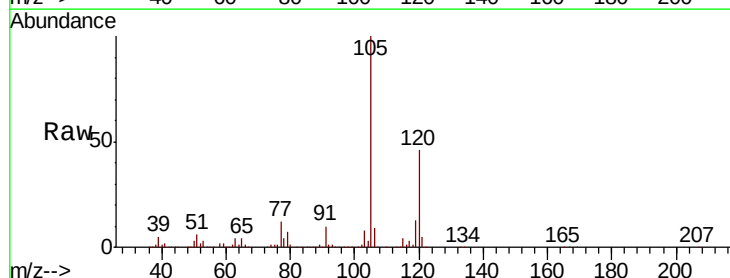
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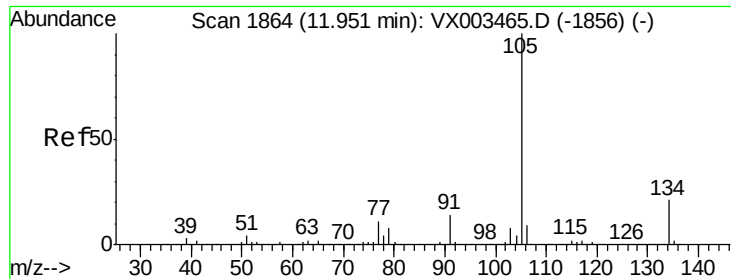
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.995 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003523.D
 Acq: 20 Jul 2018 22:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	281688		
120	45.8	22.3	66.8	





#85

sec-Butylbenzene

Concen: 20.516 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003523.D

Acq: 20 Jul 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBSD03

Tgt Ion:105 Resp: 321767

Ion Ratio Lower Upper

105 100

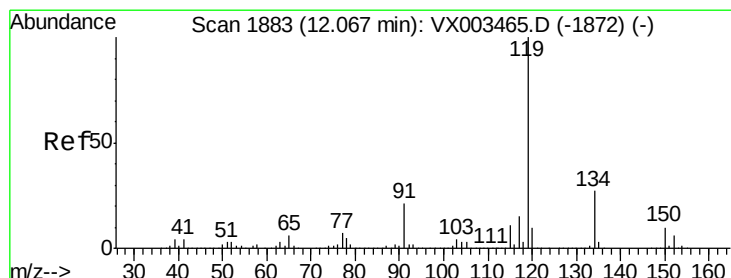
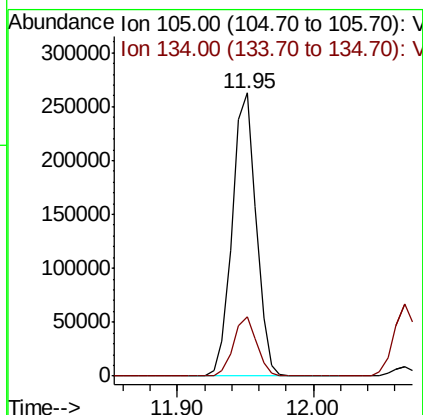
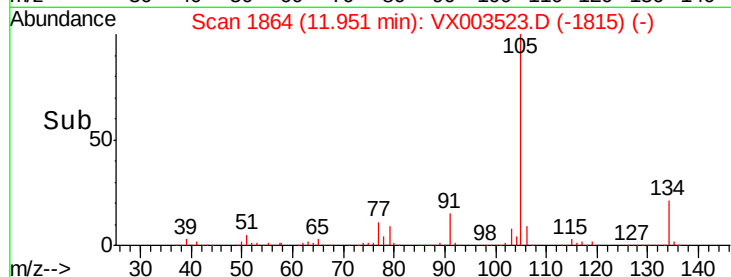
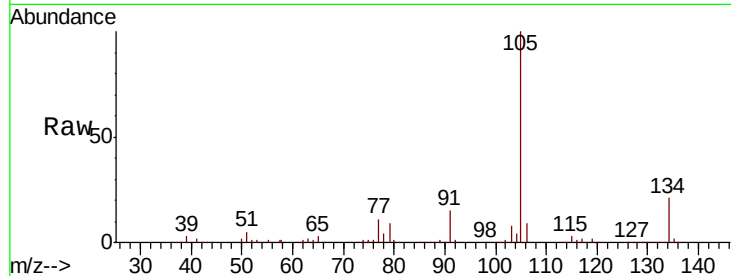
134 20.6 10.4 31.1

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 20.478 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003523.D

Acq: 20 Jul 2018 22:17

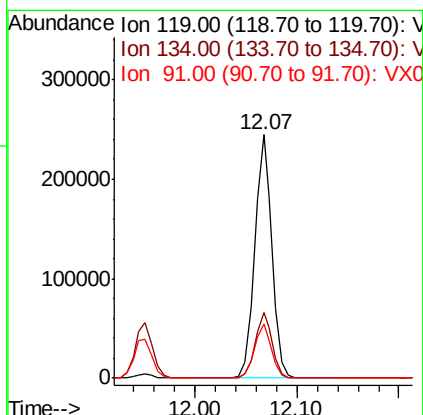
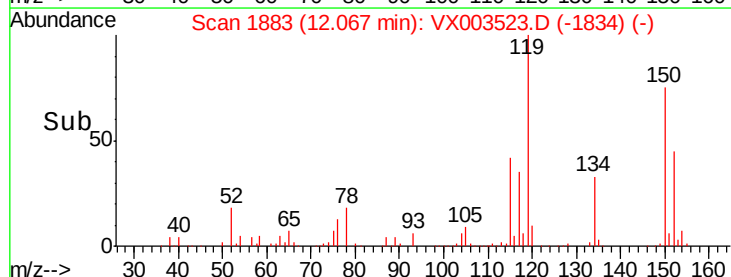
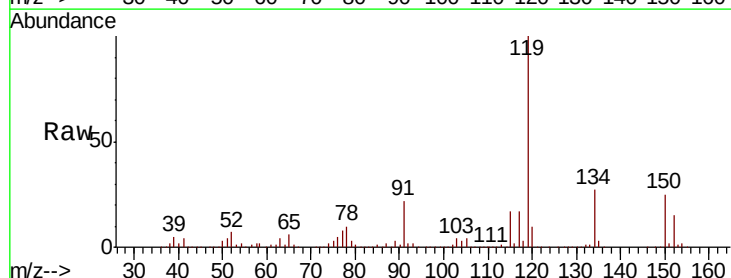
Tgt Ion:119 Resp: 288242

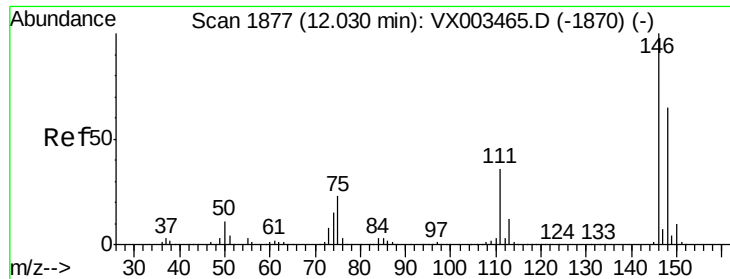
Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

91 22.2 11.9 35.7





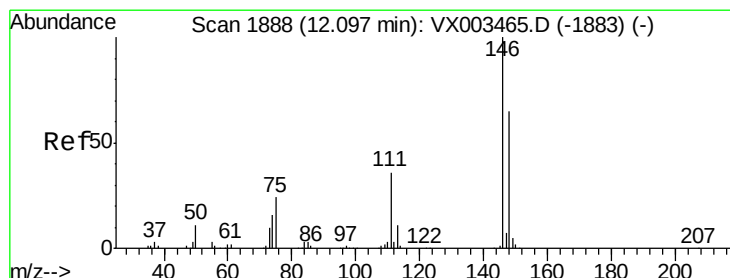
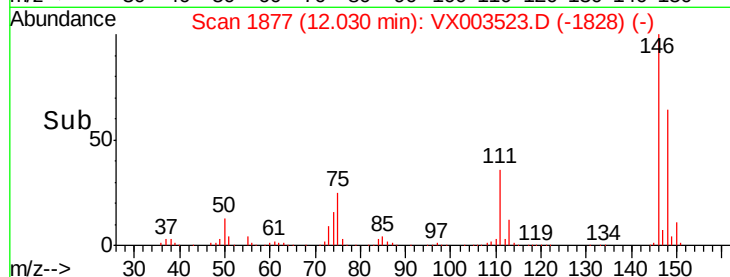
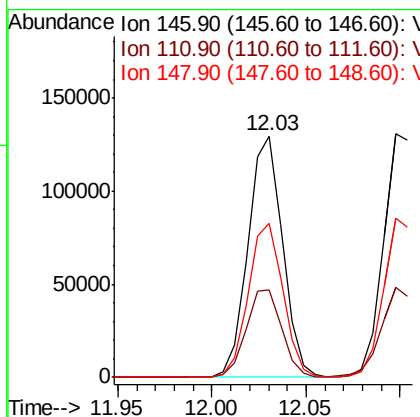
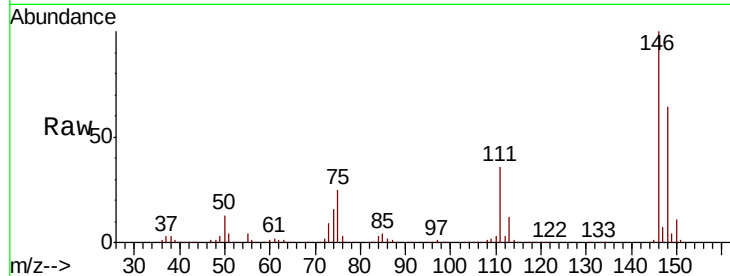
#87
 1,3-Dichlorobenzene
 Concen: 19.418 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX003523.D
 Acq: 20 Jul 2018 22:17

Instrument :
 MSVOA_X
 ClientSampled :
 VX0720WBSD03

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.9	56.7
148	64.1	32.1	96.3

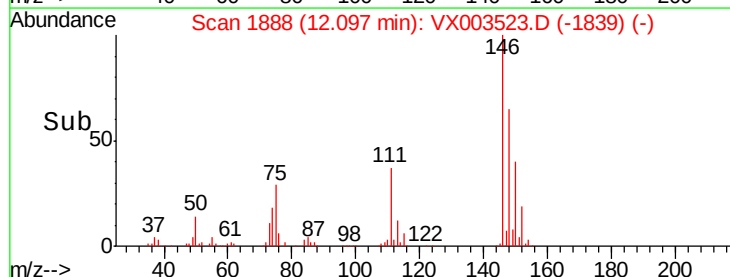
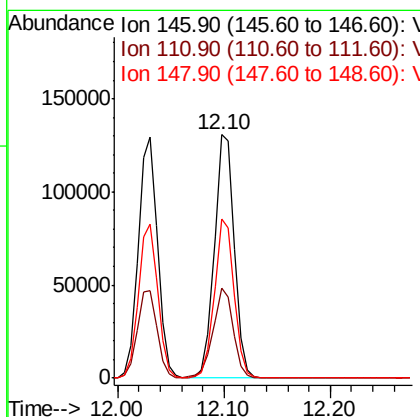
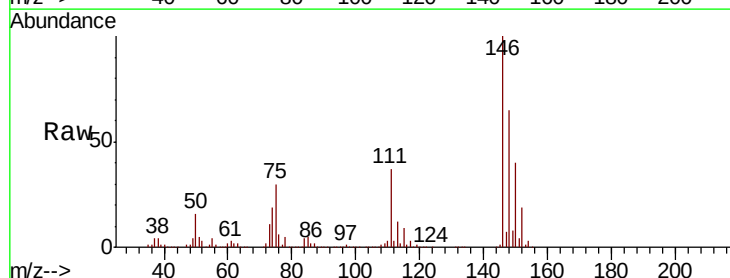
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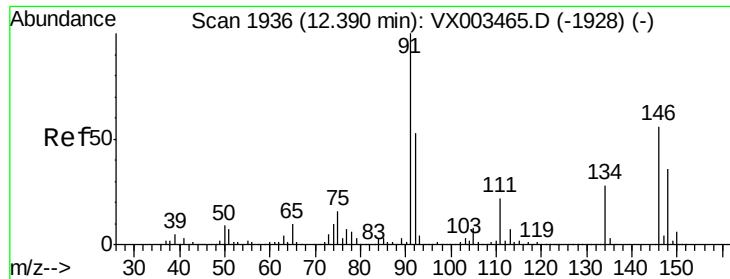
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#88
 1,4-Dichlorobenzene
 Concen: 19.258 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VX003523.D
 Acq: 20 Jul 2018 22:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.7	56.1
148	64.5	32.4	97.0





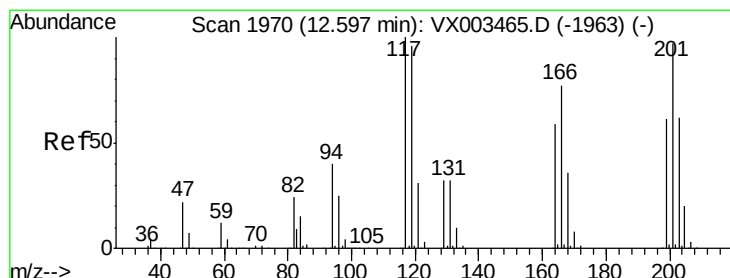
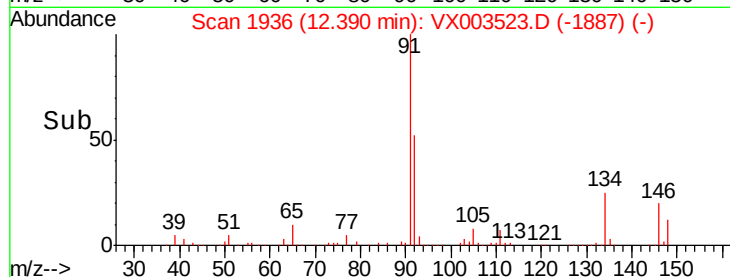
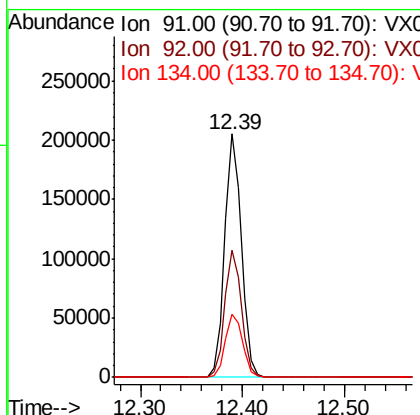
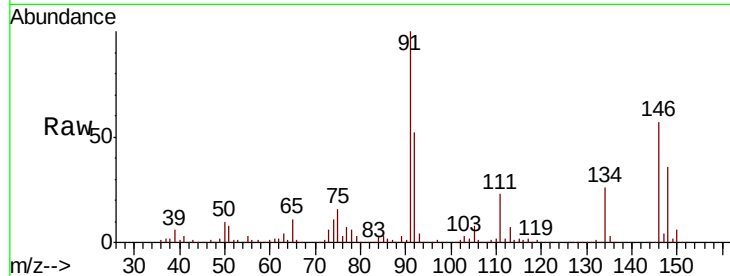
#89
n-Butylbenzene
Concen: 19.611 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003523.D
Acq: 20 Jul 2018 22:17

Instrument :
MSVOA_X
ClientSampleId :
VX0720WBSD03

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.0	26.0	78.0
134	26.8	13.5	40.5

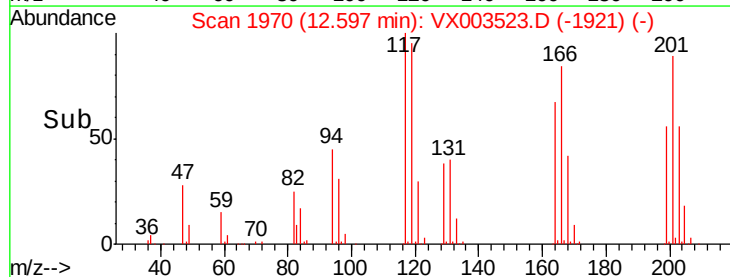
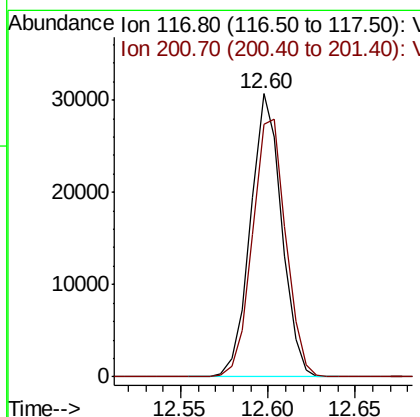
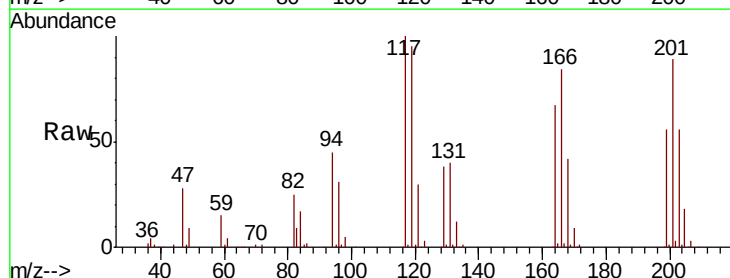
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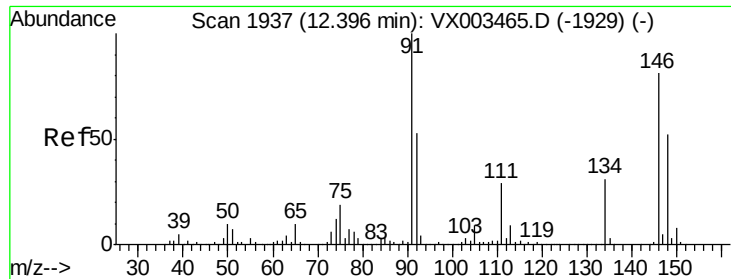
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#90
Hexachloroethane
Concen: 18.990 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003523.D
Acq: 20 Jul 2018 22:17

Tgt Ion	Ratio	Lower	Upper
117	100		
201	97.2	49.0	147.0





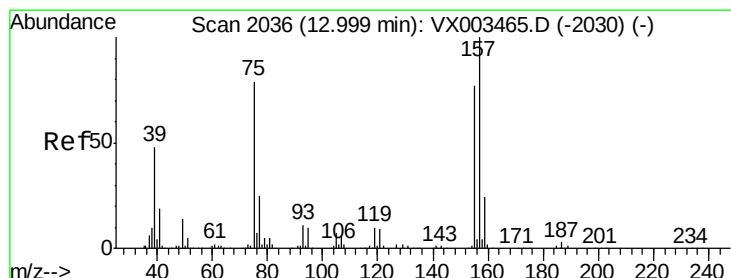
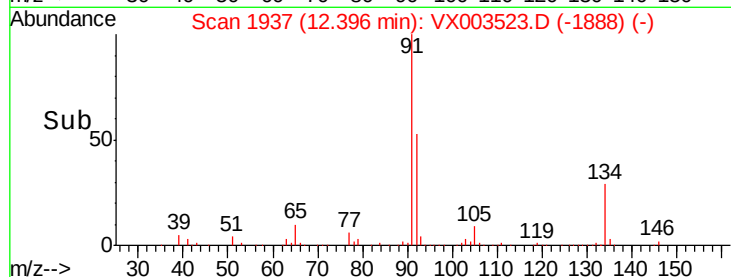
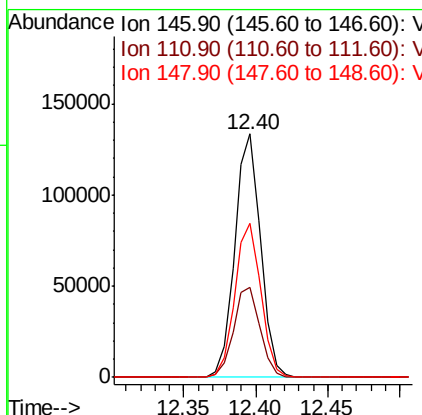
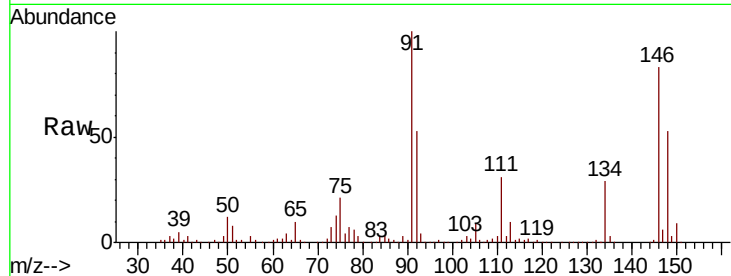
#91
 1,2-Dichlorobenzene
 Concen: 19.952 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003523.D
 Acq: 20 Jul 2018 22:17

Instrument :
 MSVOA_X
 ClientSampled :
 VX0720WBSD03

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	166802		
111	38.1	19.4	58.1	
148	63.8	31.7	95.1	

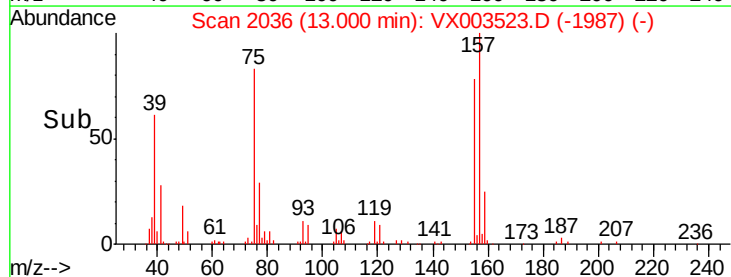
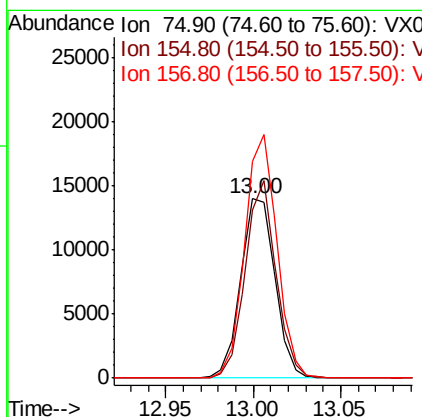
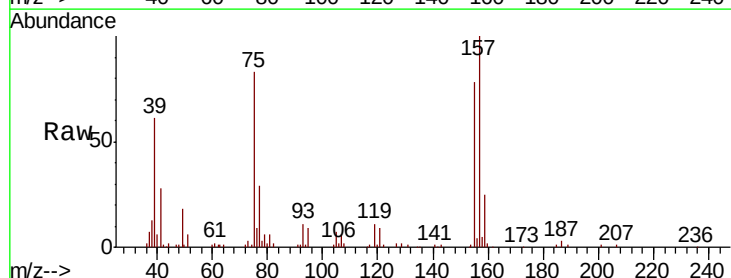
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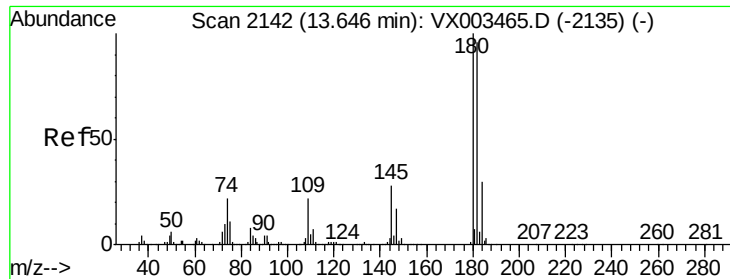
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.813 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VX003523.D
 Acq: 20 Jul 2018 22:17

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	19043		
155	98.8	45.8	137.4	
157	127.6	60.1	180.3	





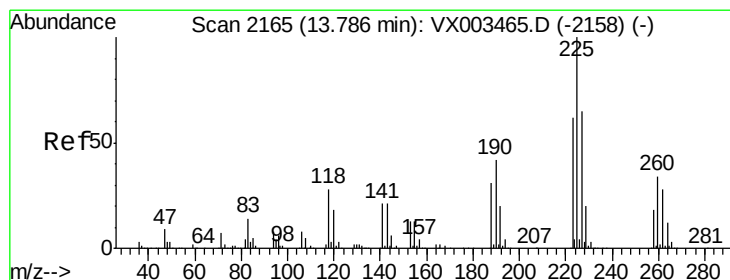
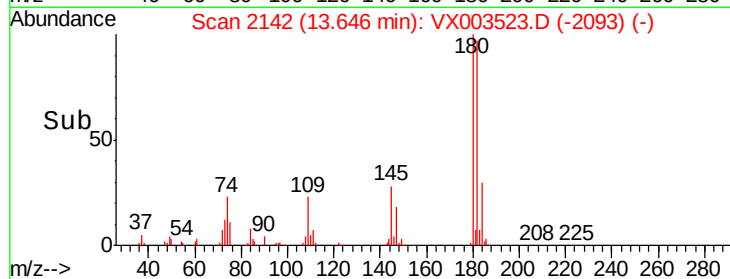
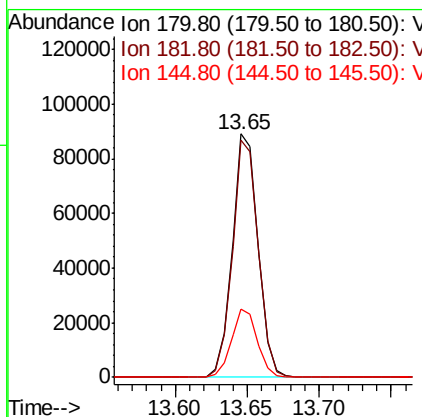
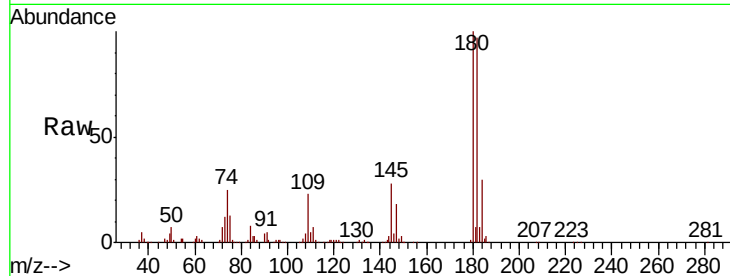
#93
 1,2,4-Trichlorobenzene
 Concen: 18.179 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VX003523.D
 Acq: 20 Jul 2018 22:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBSD03

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	111384		
182	97.6	47.7	143.1	
145	28.1	14.1	42.4	

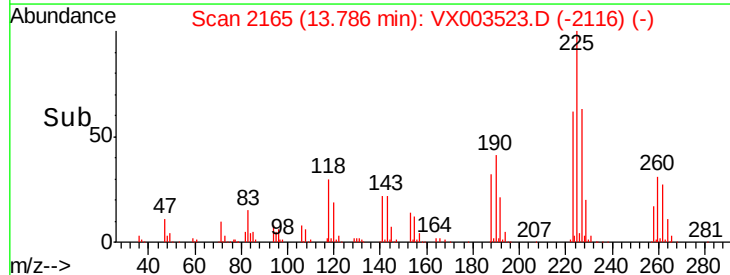
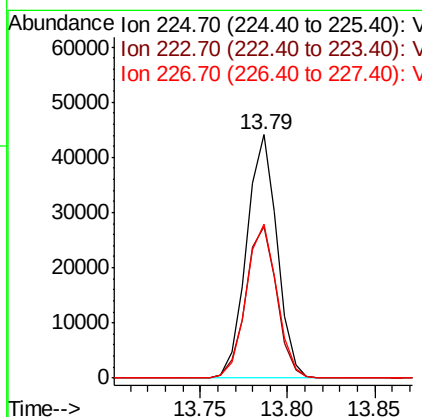
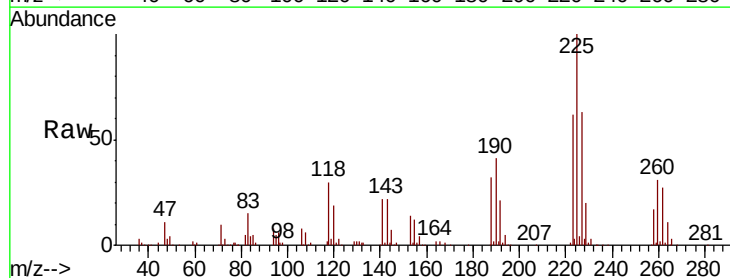
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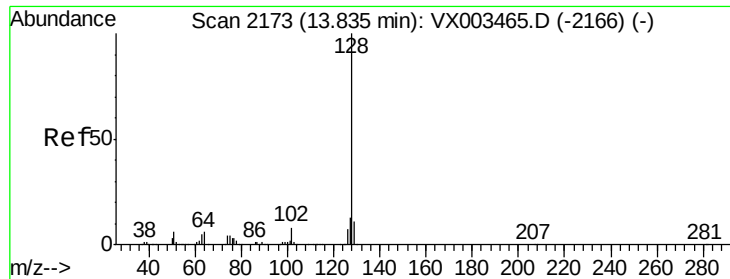
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 7/23/2018 12:36:08 PM



#94
 Hexachlorobutadiene
 Concen: 18.047 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003523.D
 Acq: 20 Jul 2018 22:17

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	53179		
223	63.2	31.6	95.0	
227	63.9	32.4	97.2	





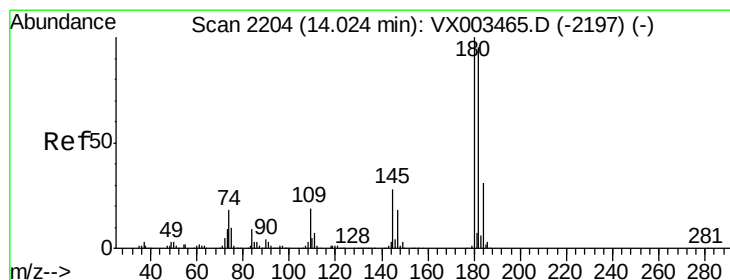
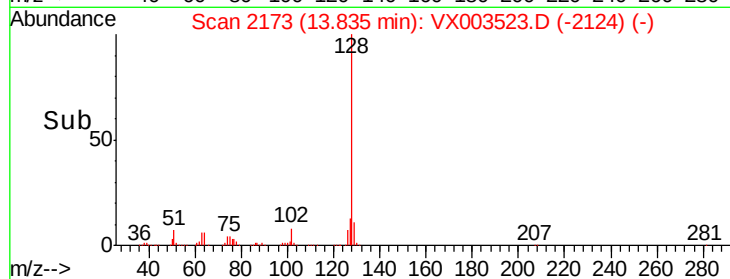
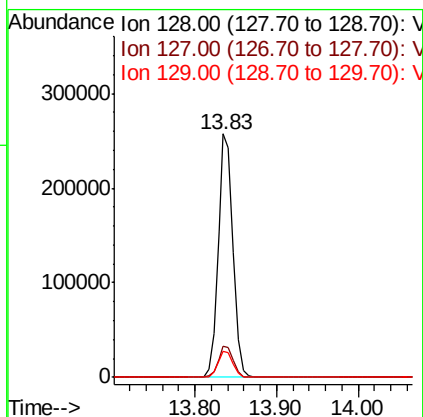
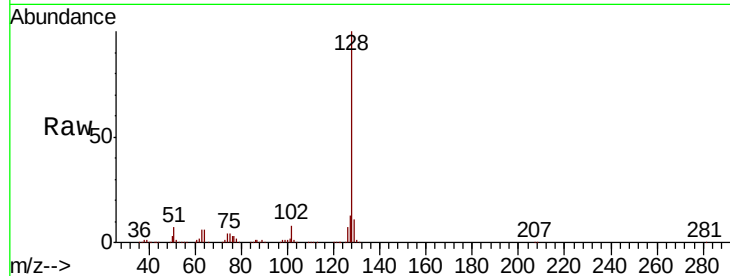
#95
Naphthalene
Concen: 20.356 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX003523.D
Acq: 20 Jul 2018 22:17

Instrument :
MSVOA_X
ClientSampleId :
VX0720WBSD03

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	327735		
127	13.0		10.4	15.6
129	10.8		8.6	13.0

Manual Integrations
APPROVED

MMDadoda
7/23/2018 12:36:08 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.208 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX003523.D
Acq: 20 Jul 2018 22:17

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	116503		
182	96.3		48.0	144.0
145	30.0		14.8	44.3

