

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052319\
 Data File : VX009852.D
 Acq On : 23 May 2019 12:47
 Operator : JC/SP
 Sample : VX0523WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0523WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/24/2019 9:01:51 AM

Quant Time: May 23 14:17:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	179278	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	286126	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	260612	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	125490	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	113447	46.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.70%	
35) Dibromofluoromethane	5.50	113	80272	44.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.26%	
50) Toluene-d8	8.71	98	331108	45.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.20%	
62) 4-Bromofluorobenzene	11.13	95	118384	44.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	26269	15.901	ug/l	99
3) Chloromethane	1.32	50	42265	18.739	ug/l	96
4) Vinyl Chloride	1.41	62	39074	17.766	ug/l	97
5) Bromomethane	1.64	94	25072	18.992	ug/l	100
6) Chloroethane	1.72	64	25448	18.021	ug/l	97
7) Trichlorofluoromethane	1.93	101	47297	17.691	ug/l	99
8) Diethyl Ether	2.19	74	22290	17.601	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	29294	17.449	ug/l	99
10) Methyl Iodide	2.51	142	28889	18.043	ug/l	98
11) Tert butyl alcohol	3.05	59	55973	98.804	ug/l	100
12) 1,1-Dichloroethene	2.37	96	29676	17.642	ug/l	100
13) Acrolein	2.29	56	40226	78.407	ug/l	96
14) Allyl chloride	2.73	41	72767	17.751	ug/l	97
15) Acrylonitrile	3.14	53	125419	90.546	ug/l	99
16) Acetone	2.45	43	121612	92.541	ug/l	96
17) Carbon Disulfide	2.57	76	83967	17.779	ug/l	99
18) Methyl Acetate	2.78	43	54953	17.583	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	114310	17.499	ug/l	99
20) Methylene Chloride	2.85	84	36576	17.190	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	31897	17.485	ug/l	96
22) Diisopropyl ether	3.85	45	144085	18.277	ug/l	94
23) Vinyl Acetate	3.82	43	641058	94.960	ug/l	98
24) 1,1-Dichloroethane	3.70	63	67842	17.444	ug/l	99
25) 2-Butanone	4.67	43	193606	94.806	ug/l	97
26) 2,2-Dichloropropane	4.59	77	48312	16.689	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	37440	17.194	ug/l	97
28) Bromochloromethane	5.01	49	36328	21.651	ug/l	95
29) Tetrahydrofuran	5.13	42	123708	94.139	ug/l	98
30) Chloroform	5.21	83	61684	17.537	ug/l	98
31) Cyclohexane	5.58	56	66502	18.379	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	50795	17.347	ug/l	99
36) 1,1-Dichloropropene	5.80	75	47133	17.726	ug/l	99
37) Ethyl Acetate	4.84	43	71075	19.185	ug/l	98
38) Carbon Tetrachloride	5.78	117	41460	17.161	ug/l	97

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	57633	17.649	ug/l	96
40) Benzene	6.14	78	147757	17.955	ug/l	99
41) Methacrylonitrile	5.04	41	39606	17.959	ug/l	99
42) 1,2-Dichloroethane	6.19	62	54608	18.499	ug/l	99
43) Isopropyl Acetate	6.45	43	111027	18.736	ug/l	98
44) Trichloroethene	7.21	130	33643	16.911	ug/l	99
45) 1,2-Dichloropropane	7.51	63	41844	17.958	ug/l	100
46) Dibromomethane	7.66	93	23827	17.609	ug/l	99
47) Bromodichloromethane	7.90	83	46442	17.206	ug/l	96
48) Methyl methacrylate	7.77	41	55806	18.981	ug/l	97
49) 1,4-Dioxane	7.74	88	21793	365.510	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	368024	95.014	ug/l	98
52) Toluene	8.79	92	88102	17.612	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	53041	17.405	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	59277	17.574	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	35736	17.511	ug/l	96
56) Ethyl methacrylate	9.18	69	65351	17.939	ug/l	96
57) 1,3-Dichloropropane	9.37	76	63569	17.701	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	176050	91.097	ug/l	99
59) 2-Hexanone	9.49	43	290428	95.470	ug/l	97
60) Dibromochloromethane	9.58	129	34048	17.082	ug/l	99
61) 1,2-Dibromoethane	9.67	107	36643	17.788	ug/l	99
64) Tetrachloroethene	9.34	164	31554	17.651	ug/l	99
65) Chlorobenzene	10.13	112	91204	17.494	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	32198	17.035	ug/l	99
67) Ethyl Benzene	10.25	91	169516	17.668	ug/l	99
68) m/p-Xylenes	10.36	106	123504	35.225	ug/l	97
69) o-Xylene	10.70	106	59327	17.150	ug/l	96
70) Styrene	10.71	104	104464	17.374	ug/l	98
71) Bromoform	10.85	173	25174	16.390	ug/l #	100
73) Isopropylbenzene	11.02	105	162628	17.821	ug/l	100
74) N-amyl acetate	10.90	43	97633	18.351	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	60600	17.814	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	52255m	17.951	ug/l	
77) Bromobenzene	11.26	156	40388	17.831	ug/l	98
78) n-propylbenzene	11.36	91	186923	17.936	ug/l	100
79) 2-Chlorotoluene	11.42	91	111294	17.309	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	136522	17.768	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	18380	16.156	ug/l	89
82) 4-Chlorotoluene	11.51	91	128483	17.688	ug/l	99
83) tert-Butylbenzene	11.77	119	129509	17.326	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	138052	17.900	ug/l	99
85) sec-Butylbenzene	11.94	105	156758	17.689	ug/l	100
86) p-Isopropyltoluene	12.06	119	140374	17.620	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	69871	17.304	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	70472	17.312	ug/l	98
89) n-Butylbenzene	12.38	91	125709	17.458	ug/l	100
90) Hexachloroethane	12.60	117	22285	16.419	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	70984	17.260	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	13452	17.627	ug/l	98

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ClientSampleId :
VX0523WBS01

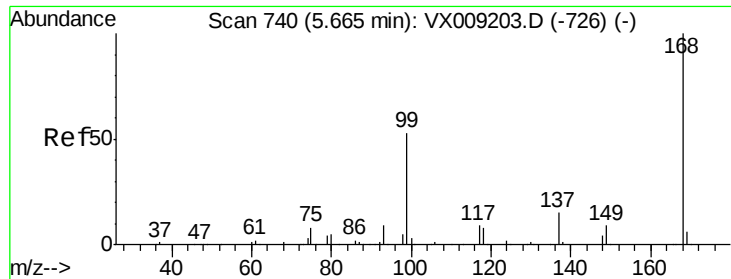
Manual Integrations
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MMDadoda
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	48620	17.288	ug/l	98
94) Hexachlorobutadiene	13.78	225	24958	17.378	ug/l	99
95) Naphthalene	13.83	128	156117	17.062	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	49879	17.497	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009852.D

Acq: 23 May 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

VX0523WBS01

Tot Ion:168 Resp: 179278

Ion Ratio Lower Upper

168 100

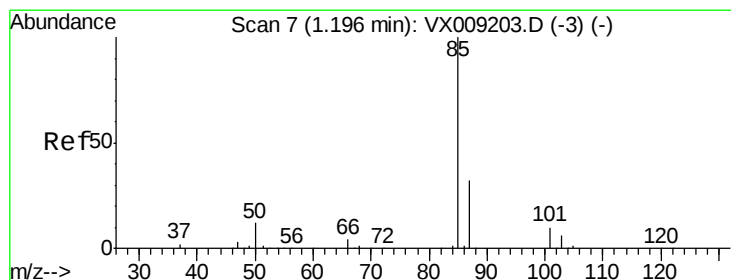
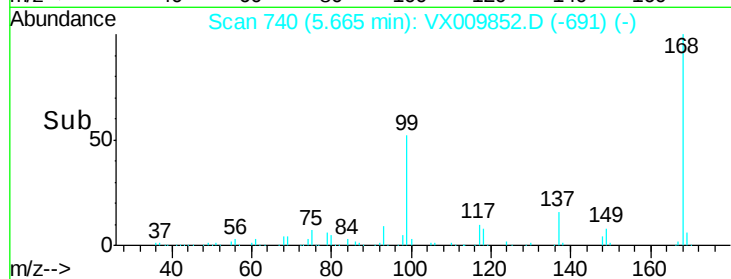
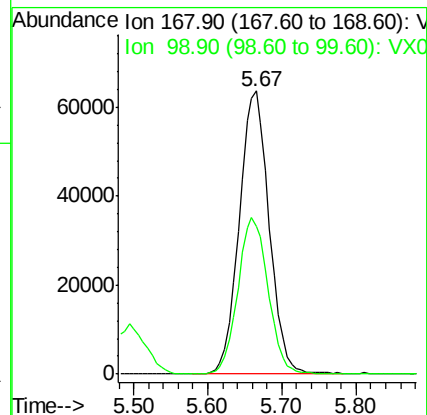
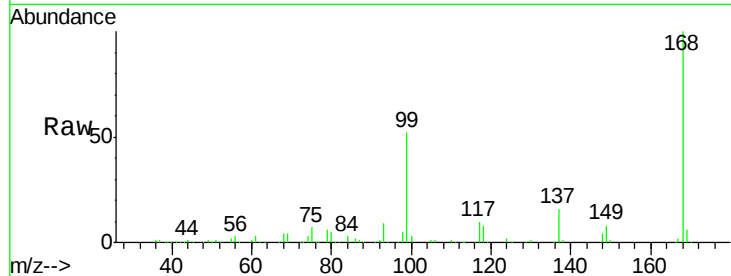
99 52.0 42.3 63.5

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#2

Dichlorodifluoromethane

Concen: 15.901 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009852.D

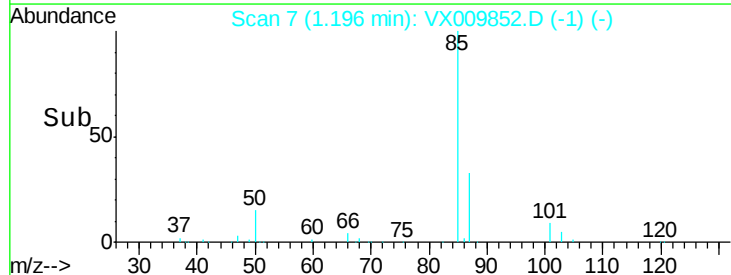
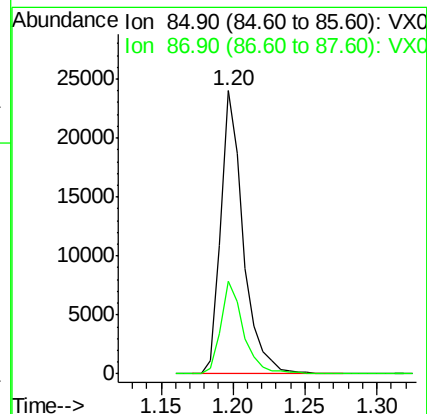
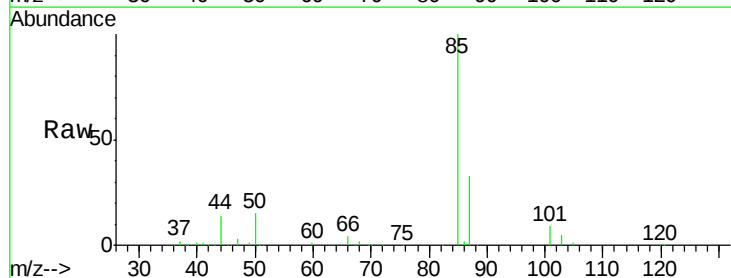
Acq: 23 May 2019 12:47

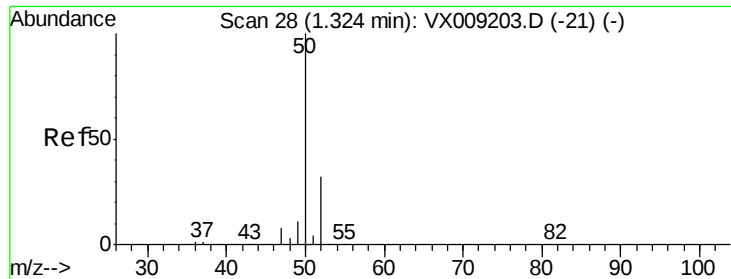
Tgt Ion: 85 Resp: 26269

Ion Ratio Lower Upper

85 100

87 32.7 16.1 48.3





#3

Chloromethane

Concen: 18.739 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009852.D

Acq: 23 May 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

VX0523WBS01

Tot Ion: 50 Resp: 42265

Ion Ratio Lower Upper

50 100

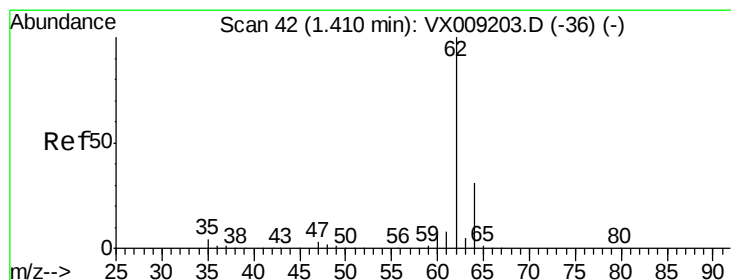
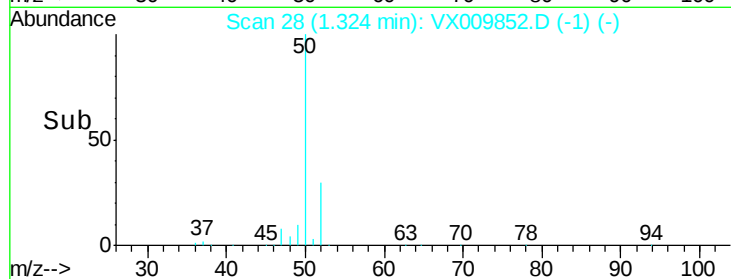
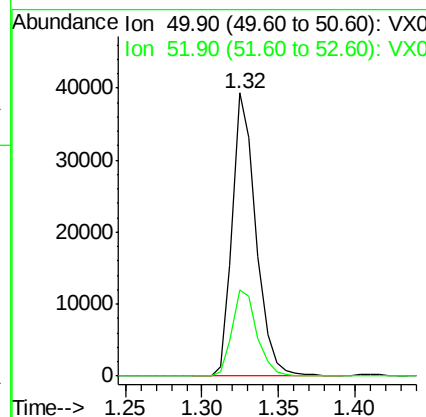
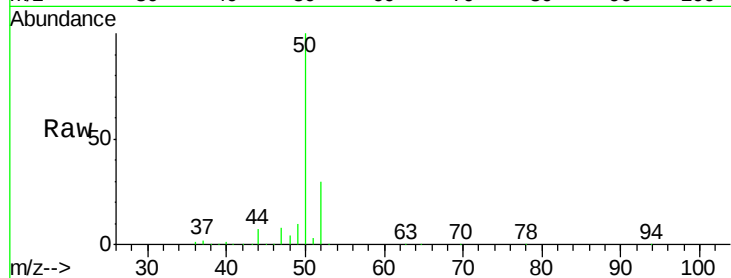
52 30.3 25.9 38.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 17.766 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009852.D

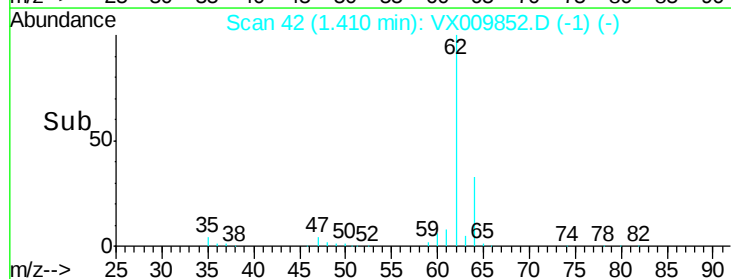
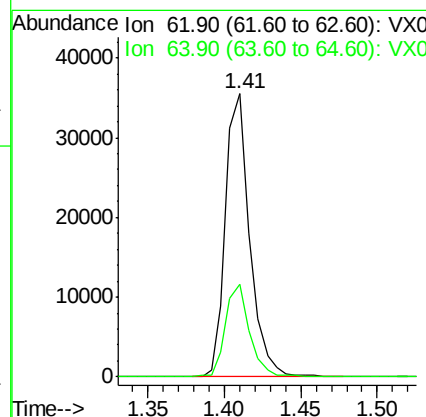
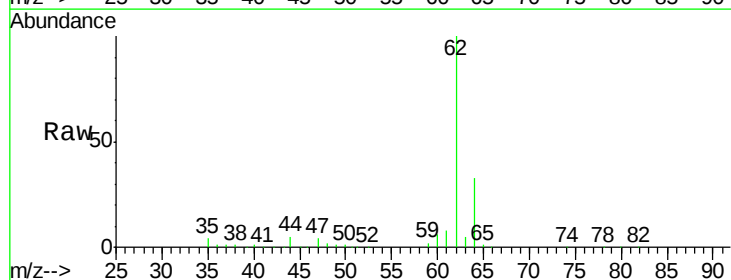
Acq: 23 May 2019 12:47

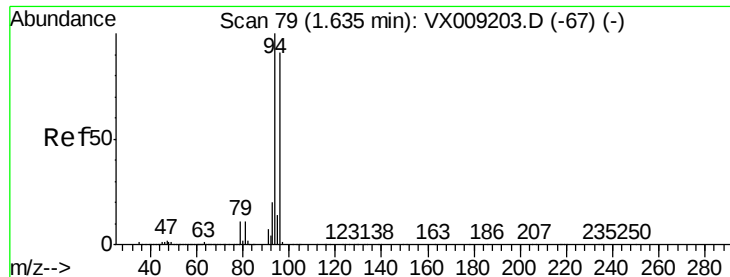
Tgt Ion: 62 Resp: 39074

Ion Ratio Lower Upper

62 100

64 32.3 24.6 36.8





#5

Bromomethane

Concen: 18.992 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX009852.D

Acq: 23 May 2019 12:47

Tot Ion: 94 Resp: 25072

Ion Ratio Lower Upper

94 100

96 91.1 73.0 109.6

Instrument :

MSVOA_X

ClientSampleId :

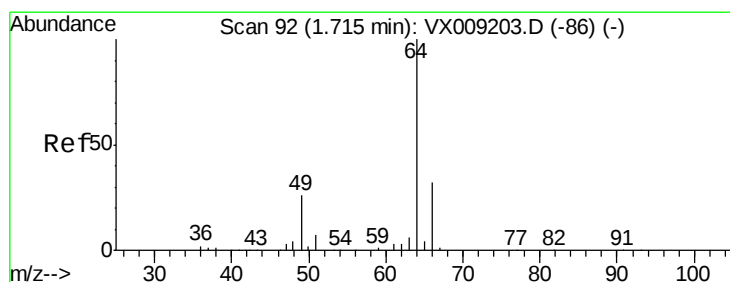
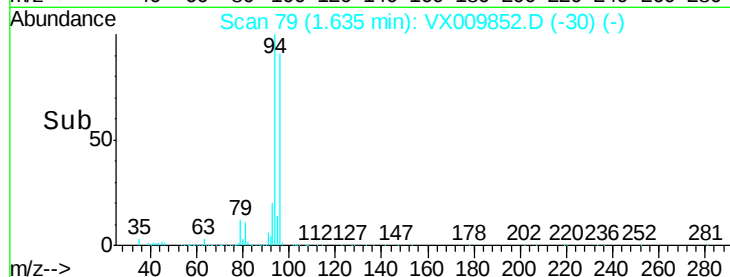
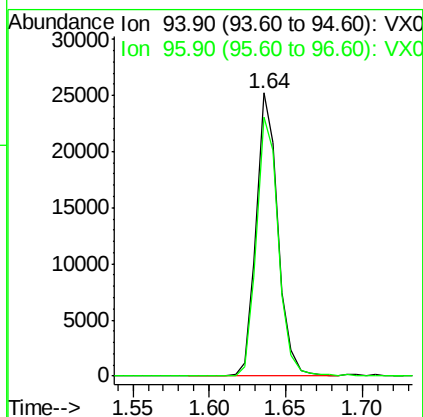
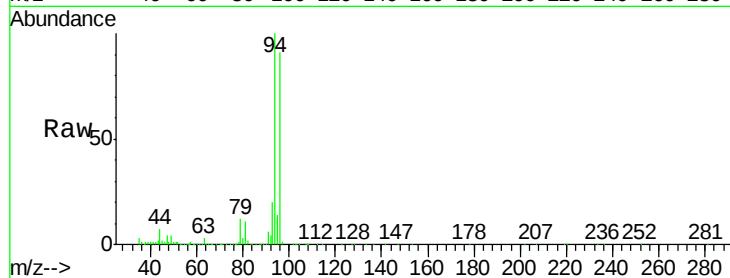
VX0523WBS01

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#6

Chloroethane

Concen: 18.021 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX009852.D

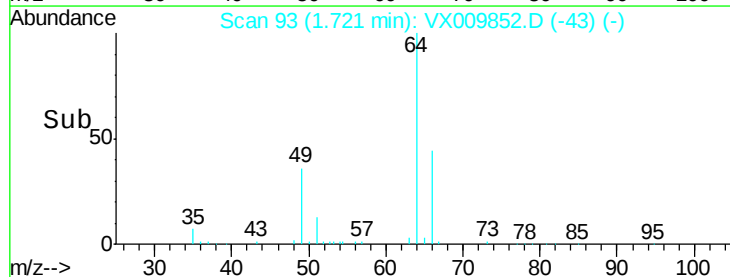
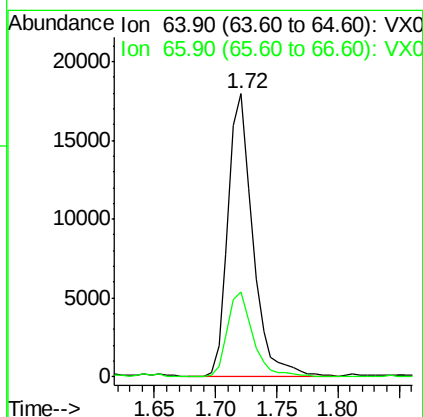
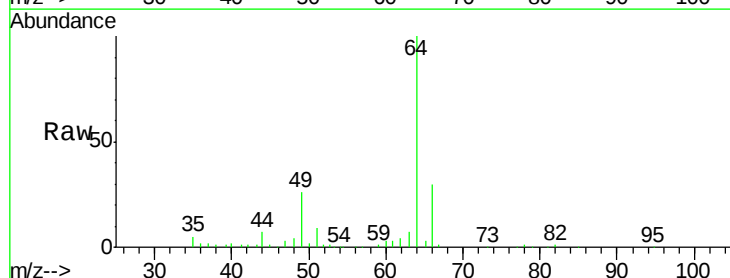
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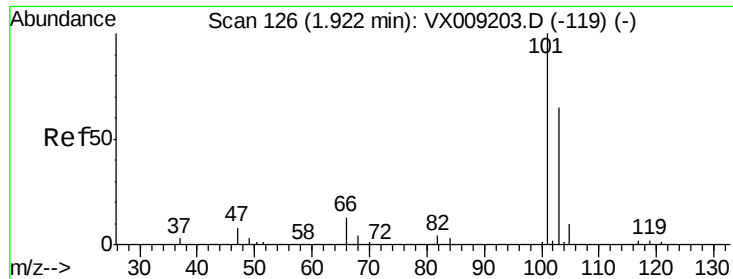
Tgt Ion: 64 Resp: 25448

Ion Ratio Lower Upper

64 100

66 29.9 25.3 37.9





#7

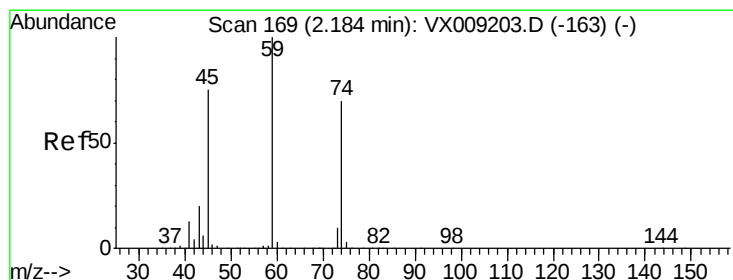
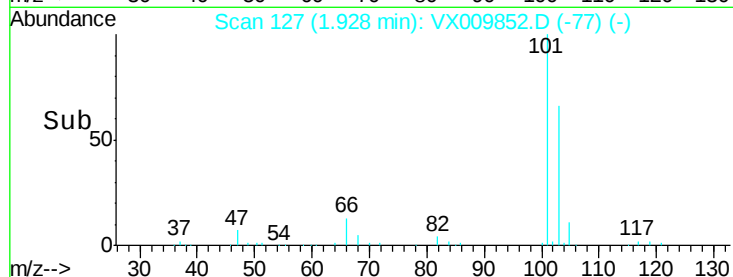
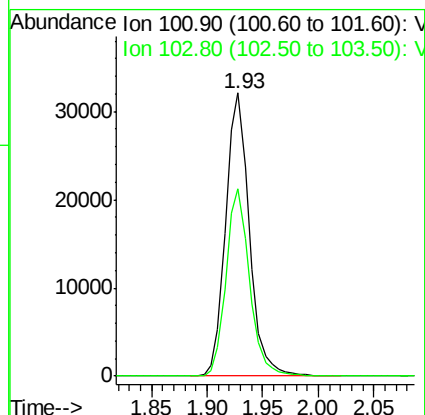
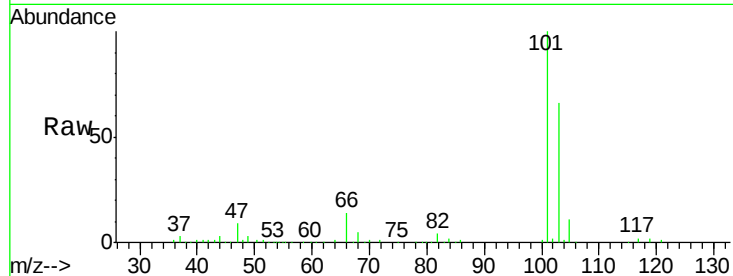
Trichlorofluoromethane
 Concen: 17.691 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX009852.D
 Acq: 23 May 2019 12:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0523WBS01

Tot Ion:101 Resp: 47297
 Ion Ratio Lower Upper
 101 100
 103 66.4 52.4 78.6

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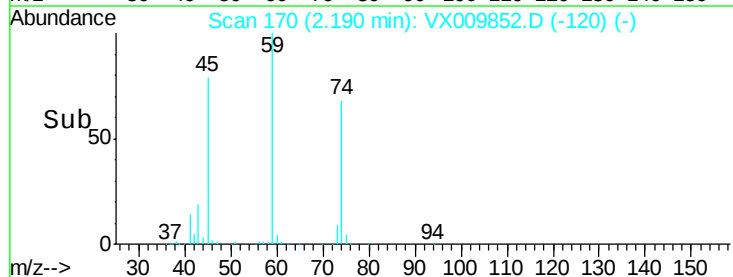
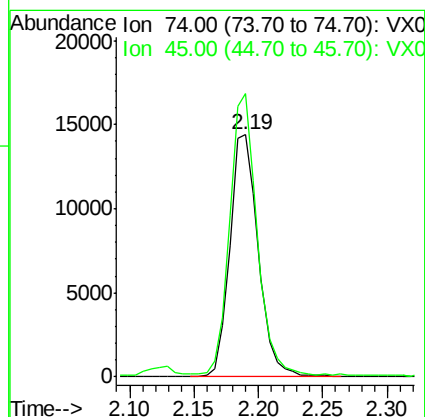
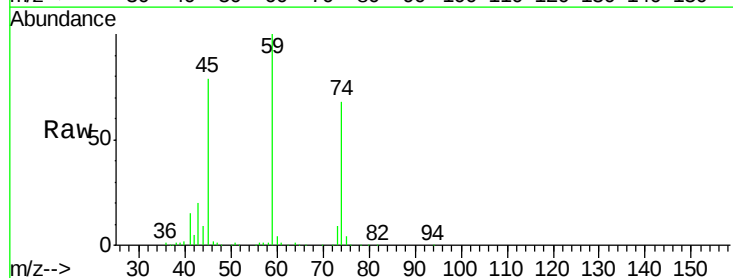
MMDadoda
 5/24/2019 9:01:51 AM

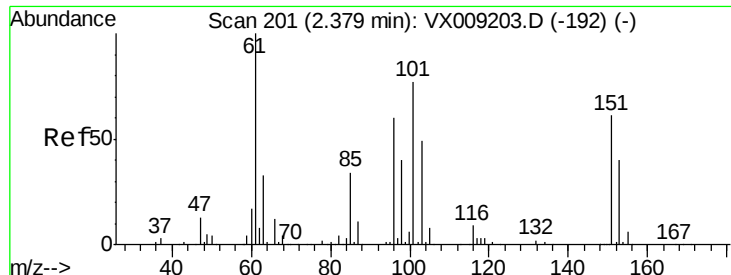


#8

Diethyl Ether
 Concen: 17.601 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX009852.D
 Acq: 23 May 2019 12:47

Tgt Ion: 74 Resp: 22290
 Ion Ratio Lower Upper
 74 100
 45 111.6 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.449 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX009852.D

Acq: 23 May 2019 12:47

Instrument :

MSVOA_X

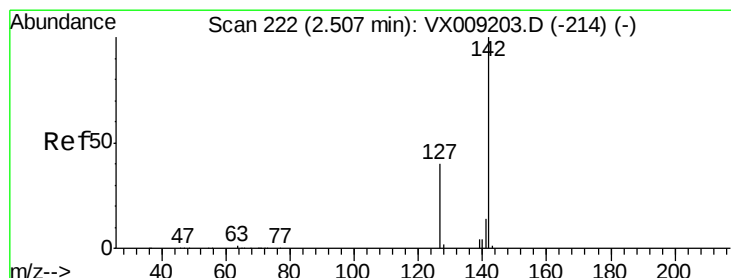
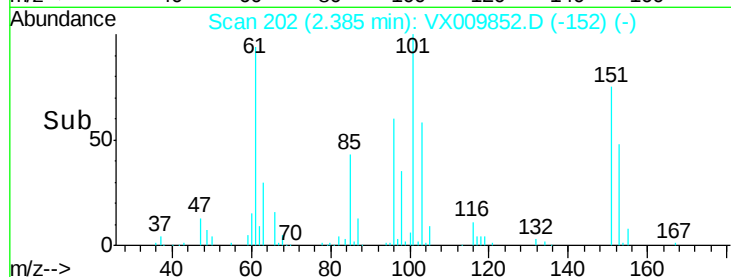
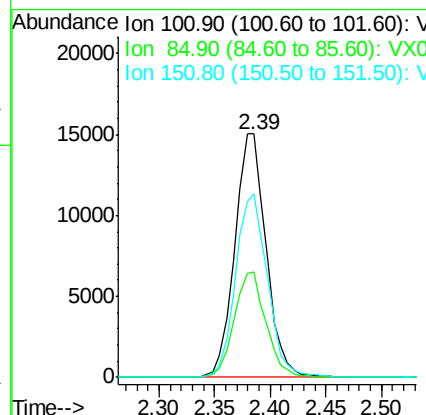
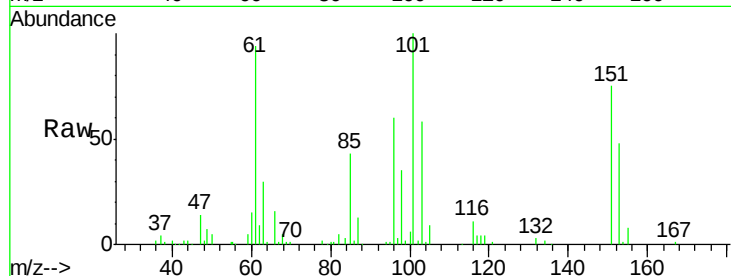
ClientSampleId :

VX0523WBS01

Tot Ion:	101	Resp:	29294
Ion Ratio	Lower	Upper	
101	100		
85	43.9	35.7	53.5
151	76.7	62.2	93.2

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#10

Methyl Iodide

Concen: 18.043 ug/l

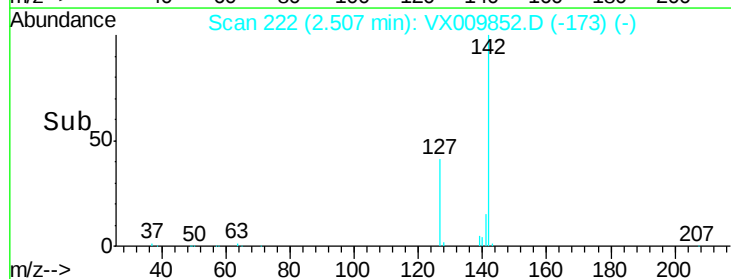
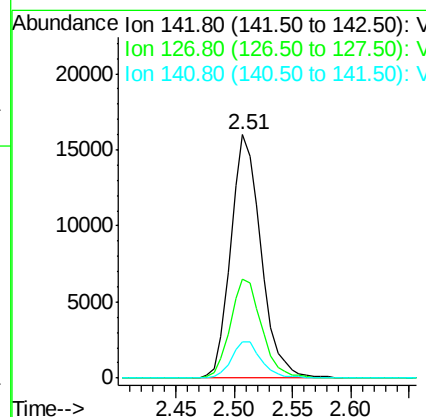
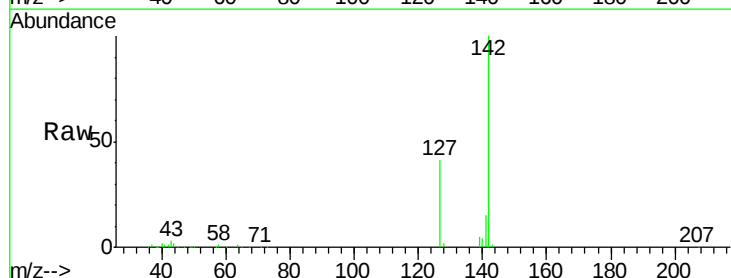
RT: 2.51 min Scan# 222

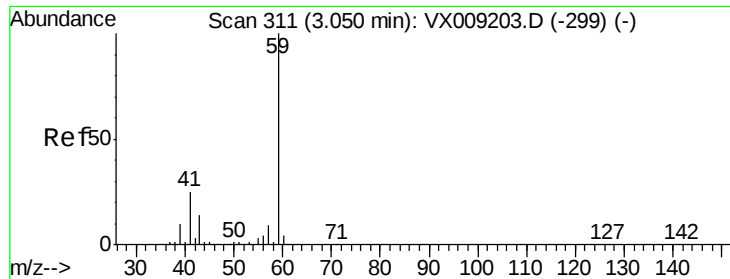
Delta R.T. 0.00 min

Lab File: VX009852.D

Acq: 23 May 2019 12:47

Tgt Ion:	142	Resp:	28889
Ion Ratio	Lower	Upper	
142	100		
127	42.0	32.7	49.1
141	14.9	11.5	17.3





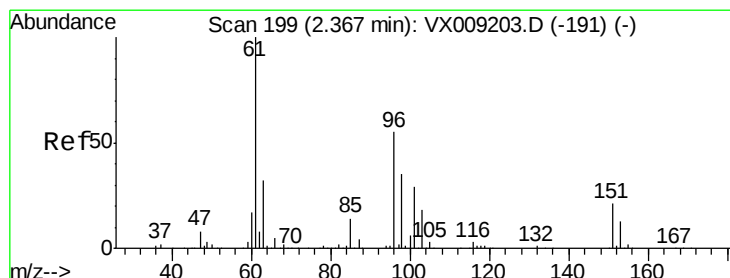
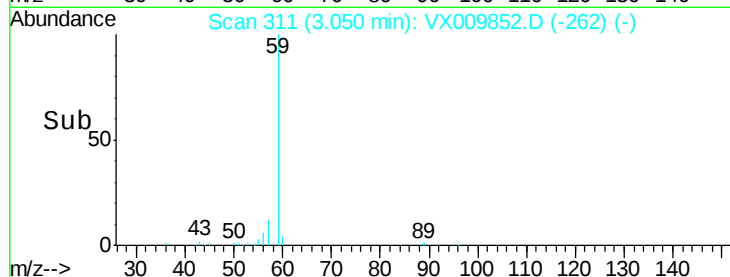
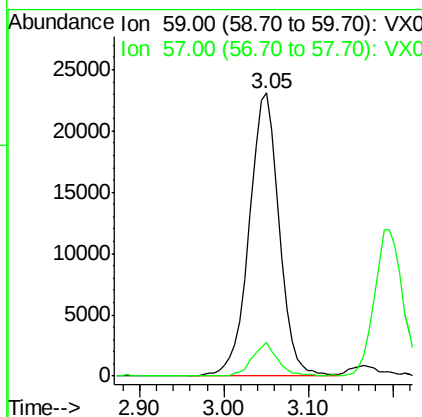
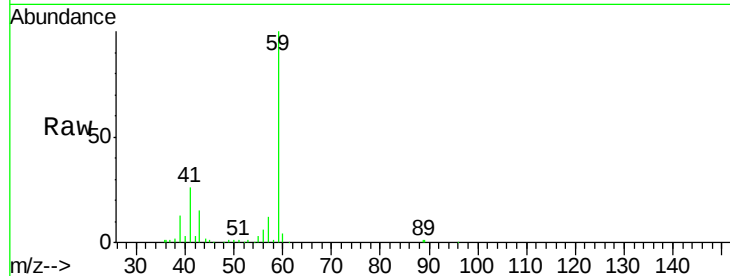
#11
Tert butyl alcohol
Concen: 98.804 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.00 min
Lab File: VX009852.D
Acq: 23 May 2019 12:47

Instrument :
MSVOA_X
ClientSampleId :
VX0523WBS01

Tot Ion: 59 Resp: 55973
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.2

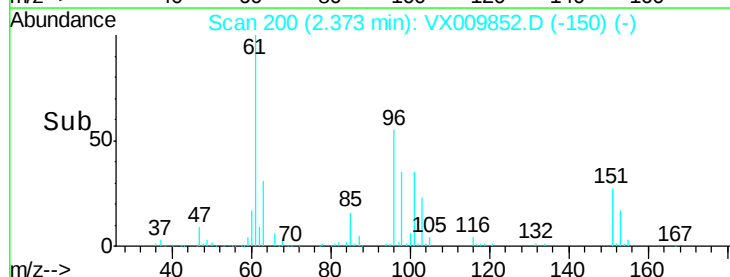
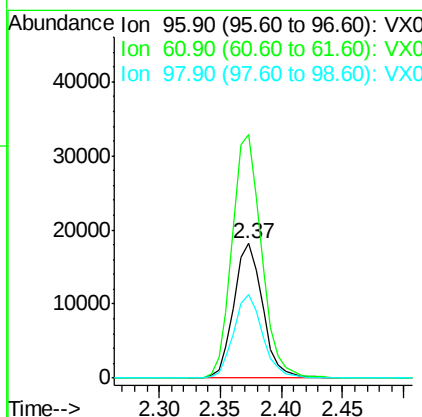
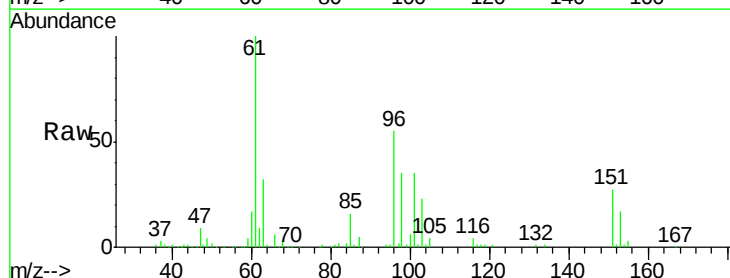
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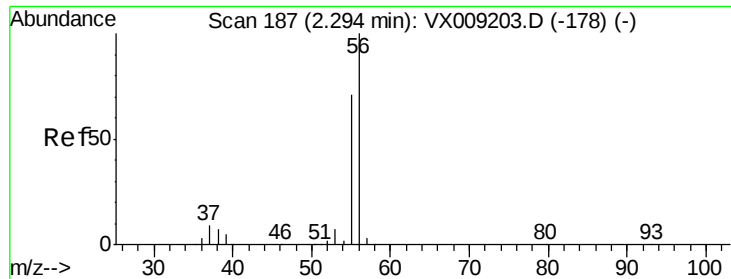
MMDadoda
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#12
1,1-Dichloroethene
Concen: 17.642 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX009852.D
Acq: 23 May 2019 12:47

Tgt Ion: 96 Resp: 29676
Ion Ratio Lower Upper
96 100
61 180.7 144.3 216.5
98 62.5 50.3 75.5





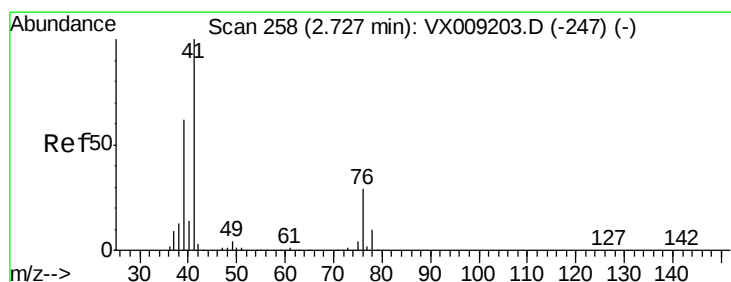
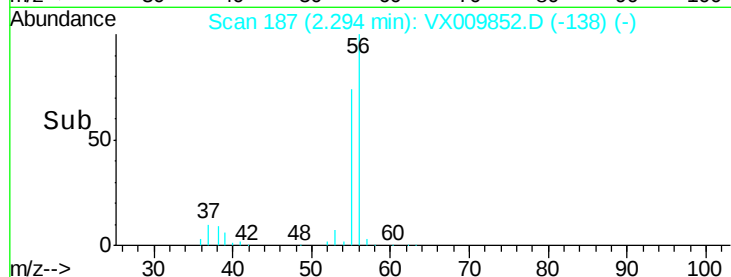
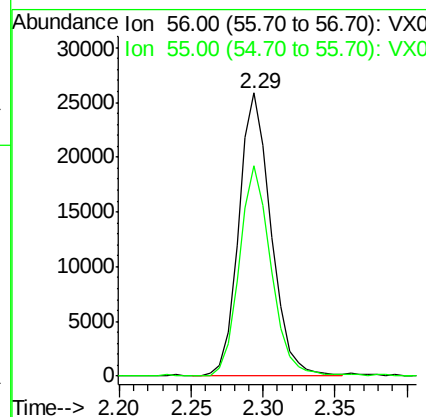
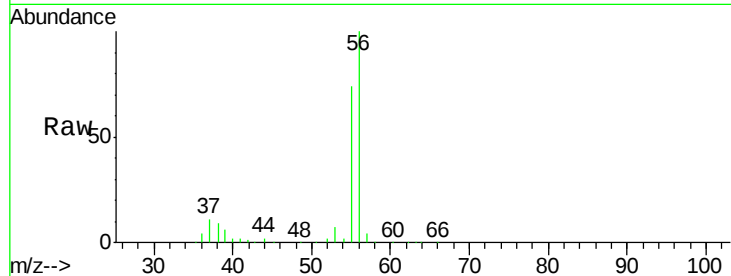
#13
 Acrolein
 Concen: 78.407 ug/l
 RT: 2.29 min Scan# 187
 Delta R.T. -0.00 min
 Lab File: VX009852.D
 Acq: 23 May 2019 12:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0523WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
55	73.7	56.6	85.0

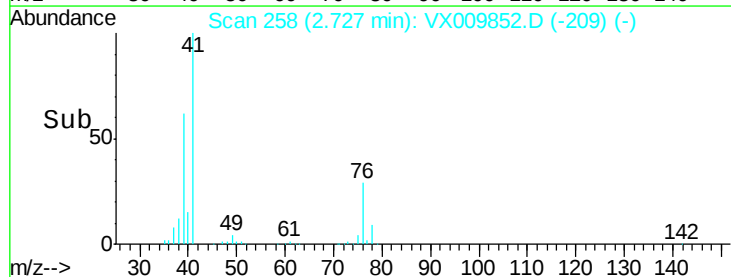
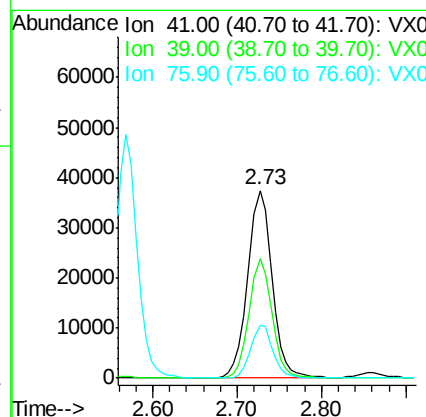
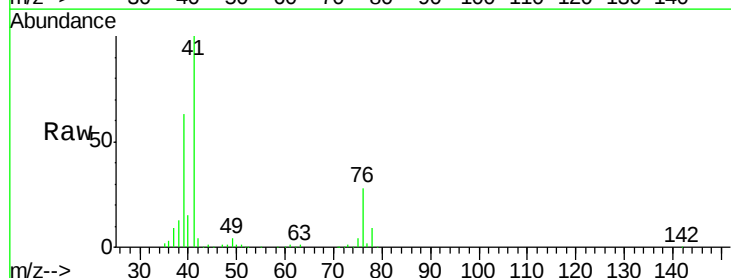
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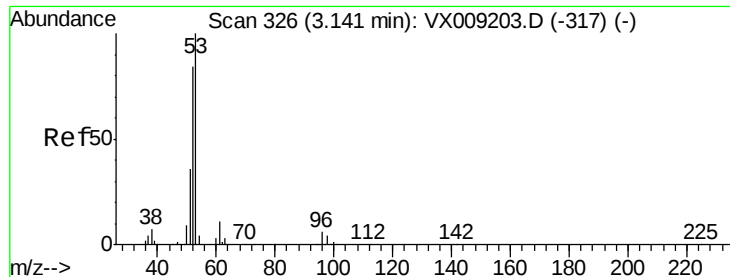
MMDadoda
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#14
 Allyl chloride
 Concen: 17.751 ug/l
 RT: 2.73 min Scan# 258
 Delta R.T. -0.00 min
 Lab File: VX009852.D
 Acq: 23 May 2019 12:47

Tgt Ion	Ratio	Lower	Upper
41	100		
39	60.4	46.7	70.1
76	25.9	21.8	32.8





#15

Acrylonitrile

Concen: 90.546 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX009852.D

Acq: 23 May 2019 12:47

Instrument :

MSVOA_X

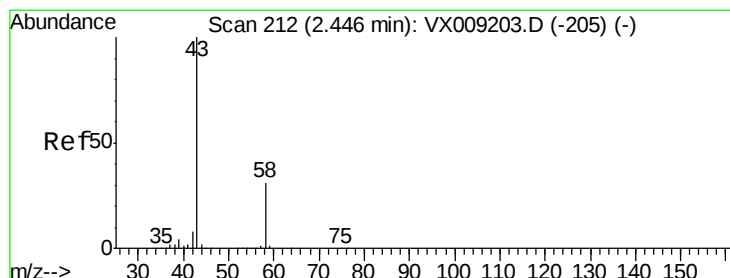
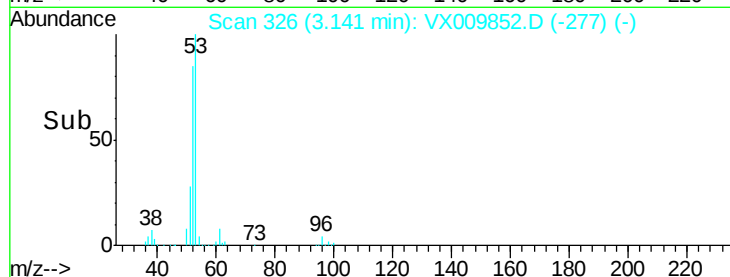
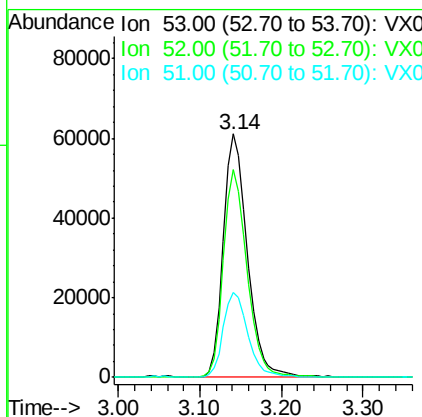
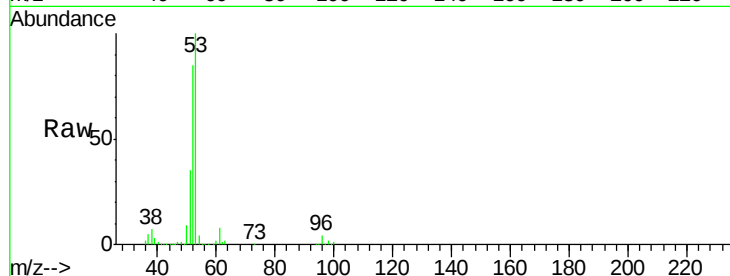
ClientSampleId :

VX0523WBS01

Tot Ion:	53	Resp:	125419
Ion Ratio	Lower	Upper	
53	100		
52	83.8	66.9	100.3
51	36.3	28.2	42.2

Manual Integrations
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#16

Acetone

Concen: 92.541 ug/l

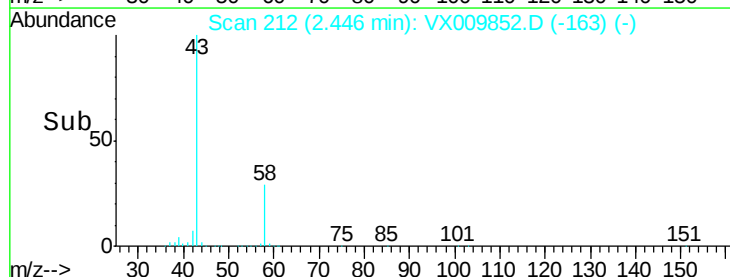
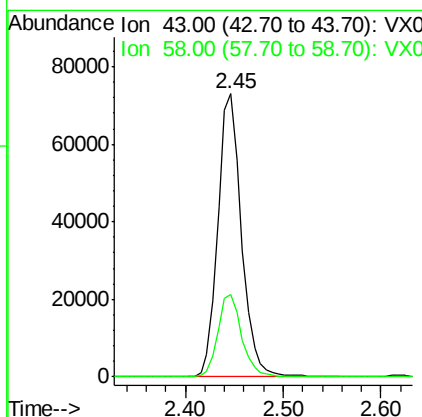
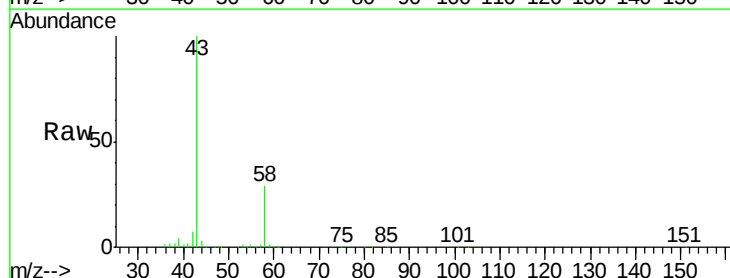
RT: 2.45 min Scan# 212

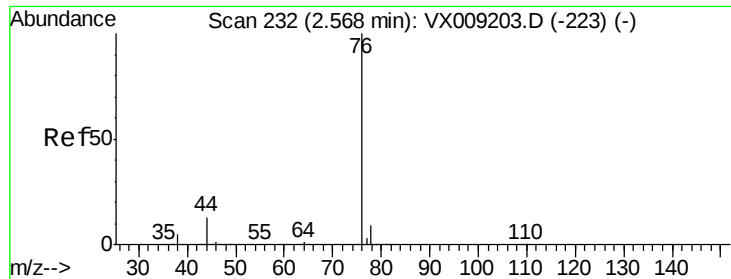
Delta R.T. -0.00 min

Lab File: VX009852.D

Acq: 23 May 2019 12:47

Tgt Ion:	43	Resp:	121612
Ion Ratio	Lower	Upper	
43	100		
58	29.0	24.9	37.3





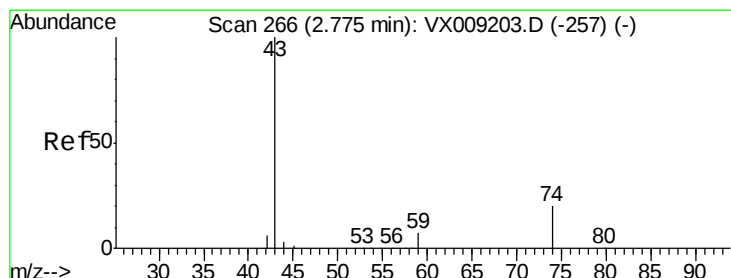
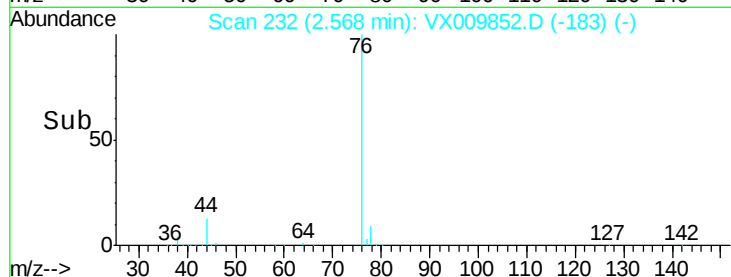
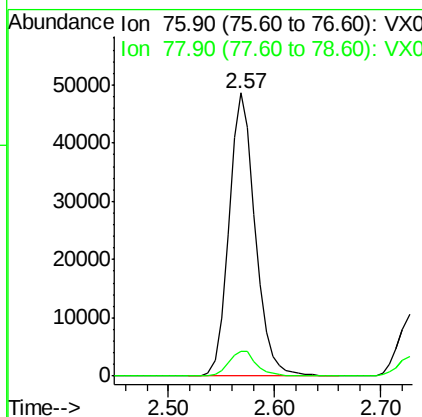
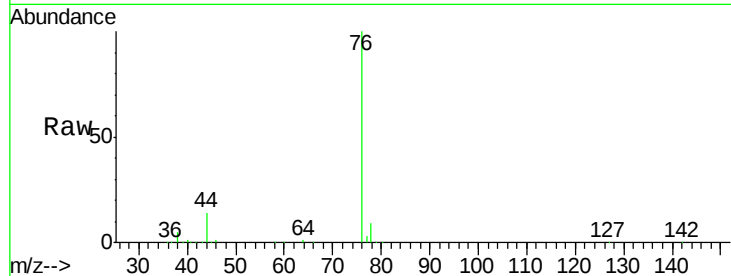
#17
Carbon Disulfide
Concen: 17.779 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX009852.D
Acq: 23 May 2019 12:47

Instrument :
MSVOA_X
ClientSampleId :
VX0523WBS01

Tot Ion: 76 Resp: 83967
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0

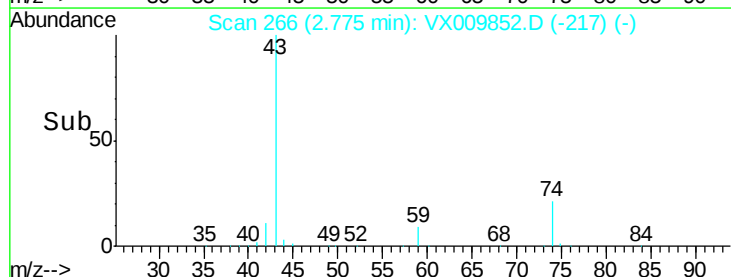
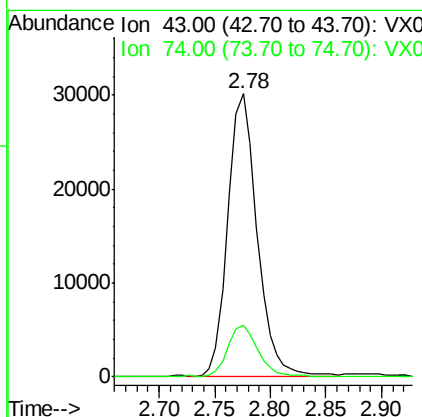
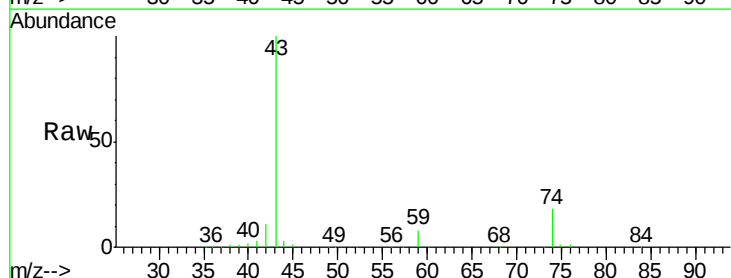
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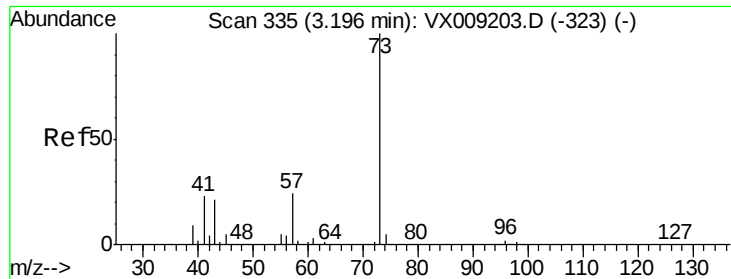
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#18
Methyl Acetate
Concen: 17.583 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX009852.D
Acq: 23 May 2019 12:47

Tgt Ion: 43 Resp: 54953
Ion Ratio Lower Upper
43 100
74 19.4 16.2 24.4





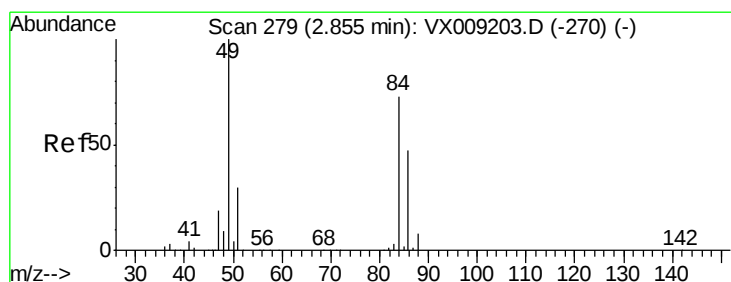
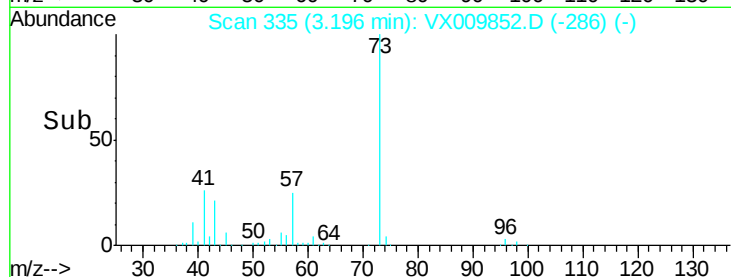
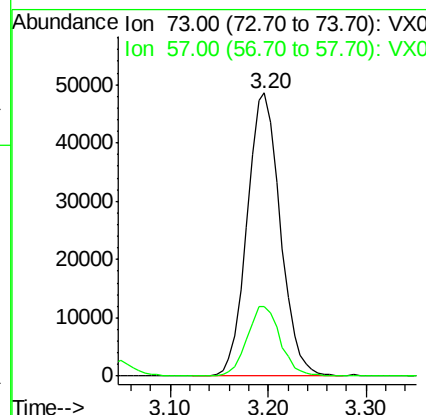
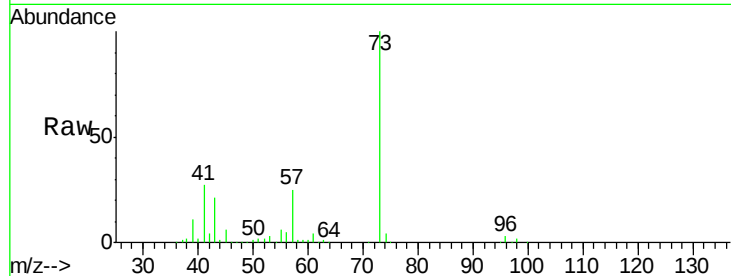
#19
Methvl tert-butvl Ether
Concen: 17.499 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX009852.D
Acq: 23 May 2019 12:47

Instrument :
MSVOA_X
ClientSampleId :
VX0523WBS01

Tot Ion: 73 Resp: 114310
Ion Ratio Lower Upper
73 100
57 24.7 19.3 28.9

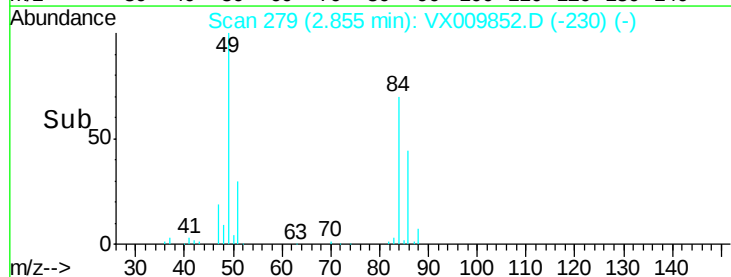
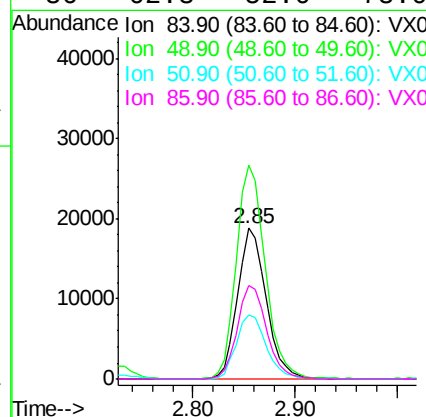
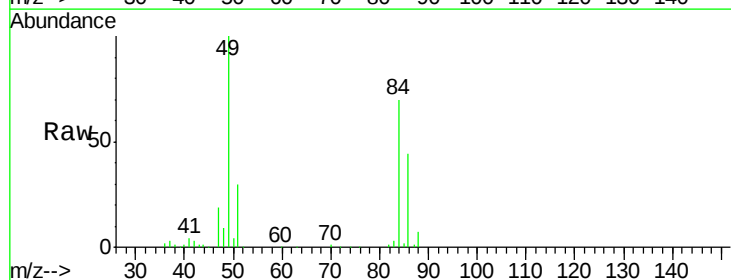
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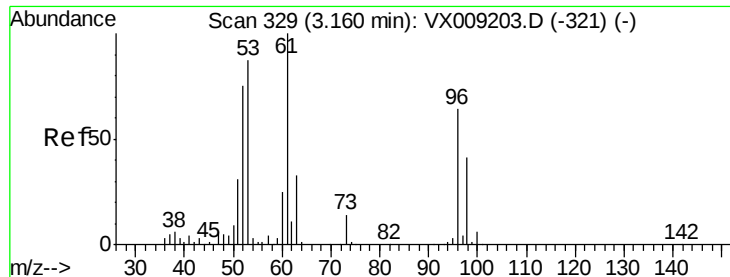
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#20
Methylene Chloride
Concen: 17.190 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009852.D
Acq: 23 May 2019 12:47

Tgt Ion: 84 Resp: 36576
Ion Ratio Lower Upper
84 100
49 141.9 109.9 164.9
51 42.2 32.7 49.1
86 62.3 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 17.485 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009852.D

Acq: 23 May 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

VX0523WBS01

Tot Ion: 96 Resp: 31897

Ion Ratio Lower Upper

96 100

61 161.0 124.5 186.7

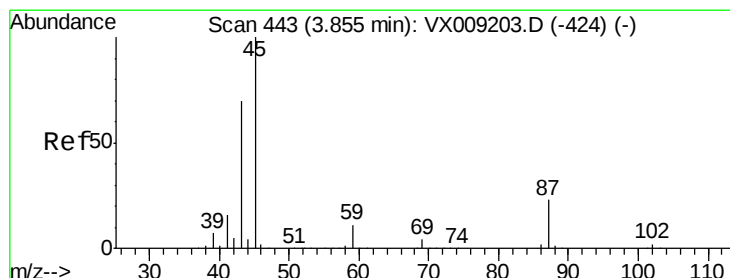
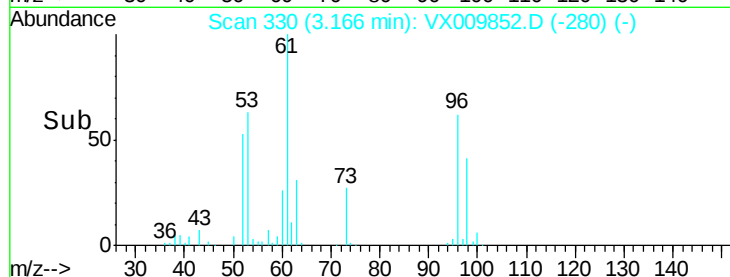
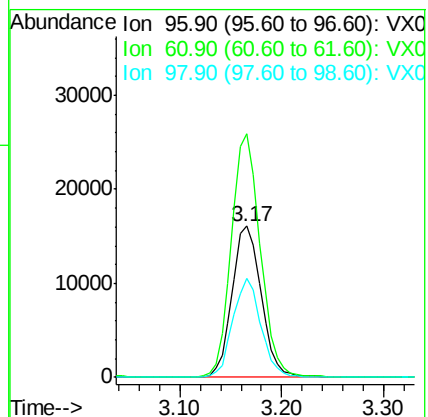
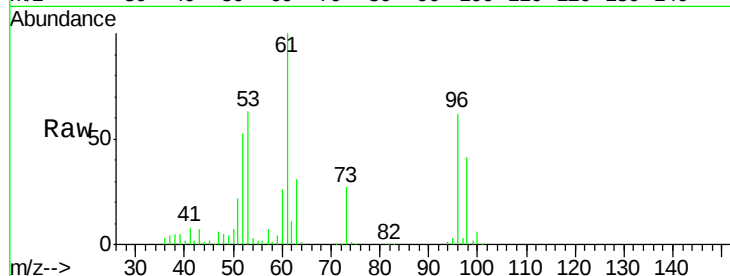
98 65.8 50.4 75.6

Manual Integrations

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#22

Diisopropyl ether

Concen: 18.277 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX009852.D

Acq: 23 May 2019 12:47

Tgt Ion: 45 Resp: 144085

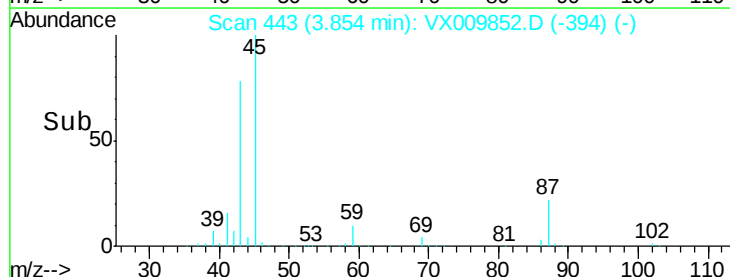
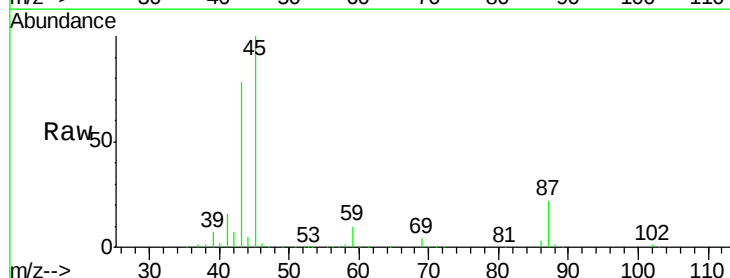
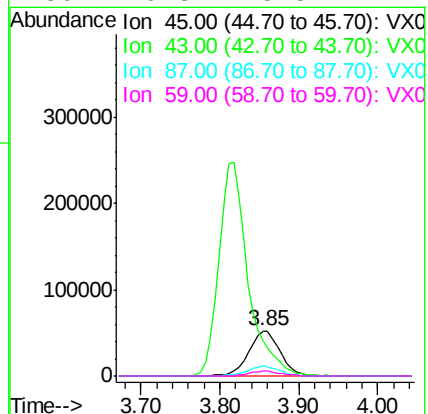
Ion Ratio Lower Upper

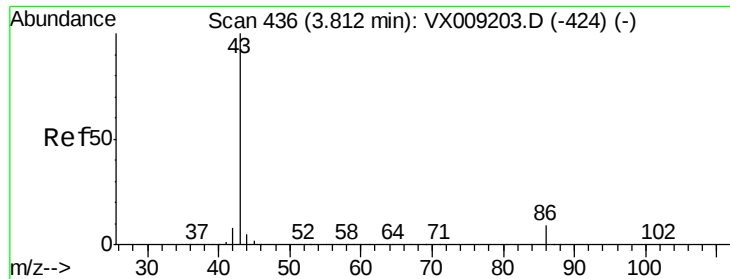
45 100

43 77.2 56.1 84.1

87 21.5 18.1 27.1

59 10.3 8.5 12.7





#23

Vinyl Acetate

Concen: 94.960 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.01 min

Lab File: VX009852.D

Acq: 23 May 2019 12:47

Instrument :

MSVOA_X

ClientSampled :

VX0523WBS01

Tot Ion: 43 Resp: 641058

Ion Ratio Lower Upper

43 100

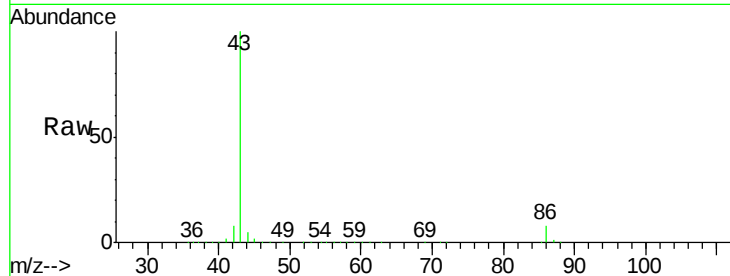
86 7.9 6.9 10.3

Manual Integrations

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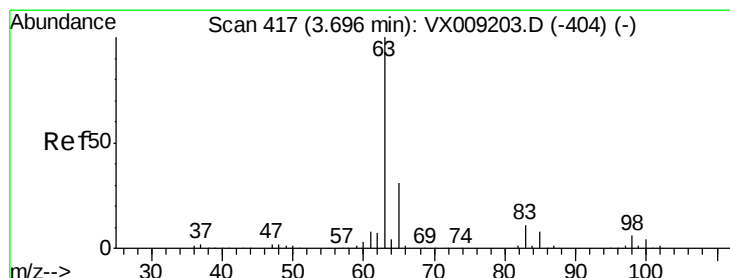
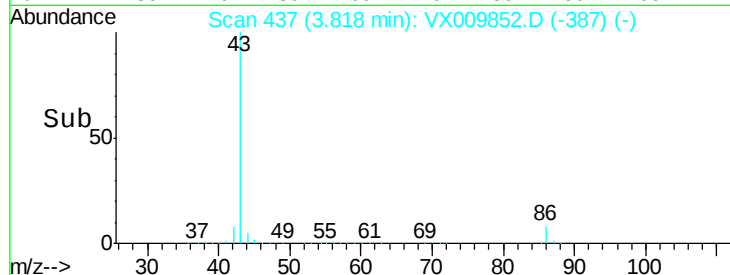
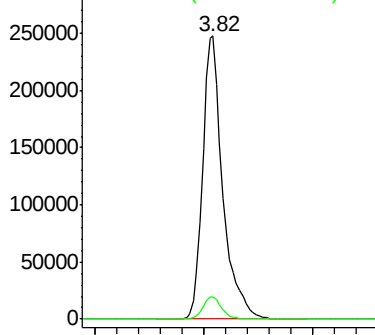
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 17.444 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009852.D

Acq: 23 May 2019 12:47

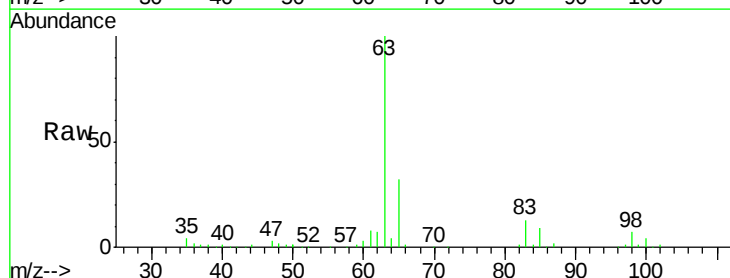
Tgt Ion: 63 Resp: 67842

Ion Ratio Lower Upper

63 100

98 6.5 3.0 9.2

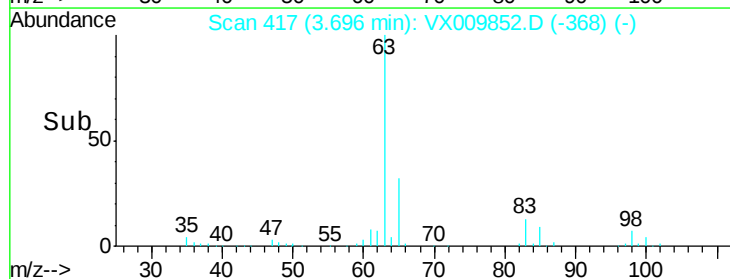
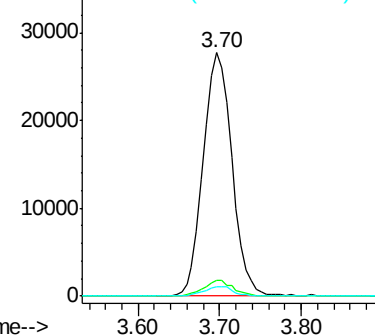
100 3.8 2.0 6.0

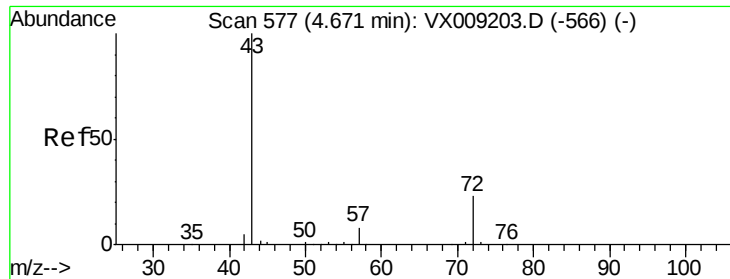


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 94.806 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX009852.D

Acq: 23 May 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

VX0523WBS01

Tot Ion: 43 Resp: 193606

Ion Ratio Lower Upper

43 100

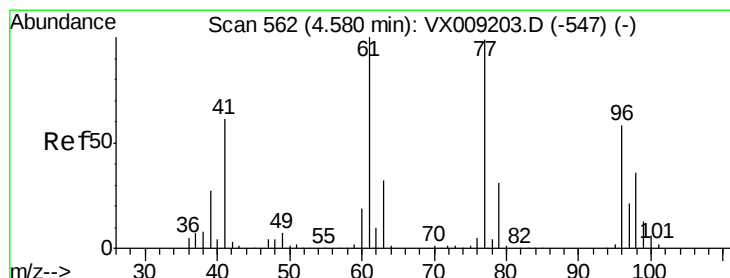
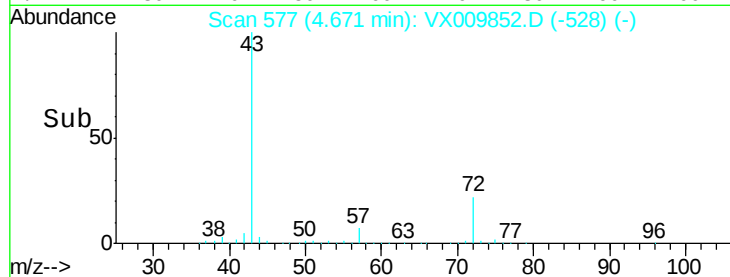
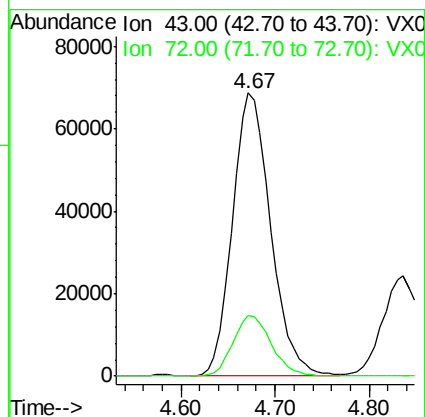
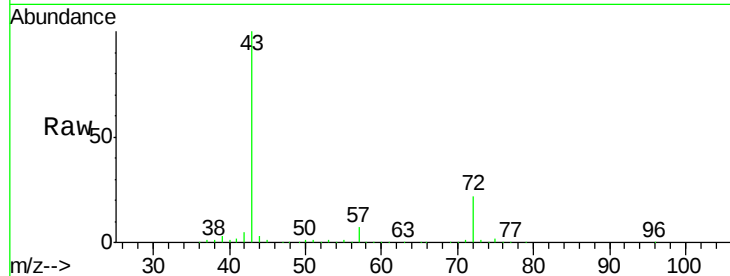
72 21.5 18.2 27.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 16.689 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX009852.D

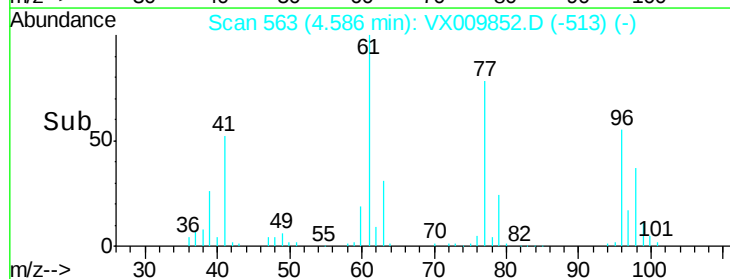
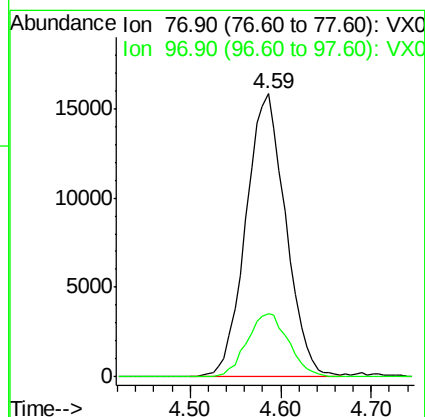
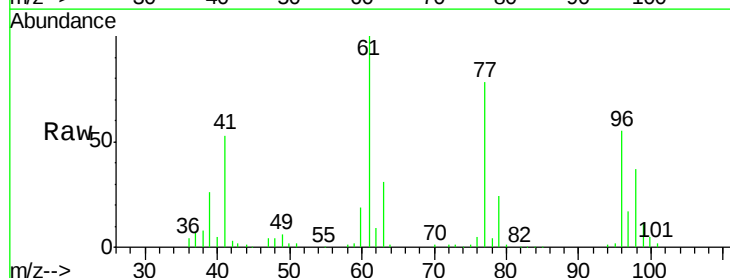
Acq: 23 May 2019 12:47

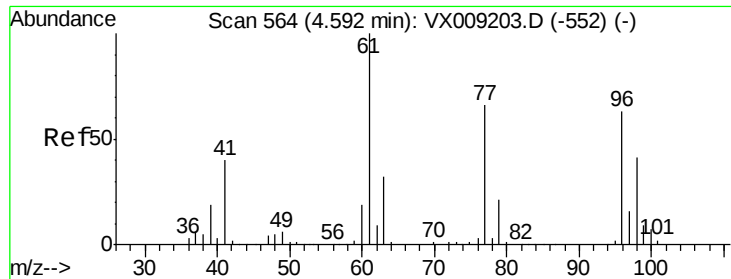
Tgt Ion: 77 Resp: 48312

Ion Ratio Lower Upper

77 100

97 23.3 11.5 34.4





#27

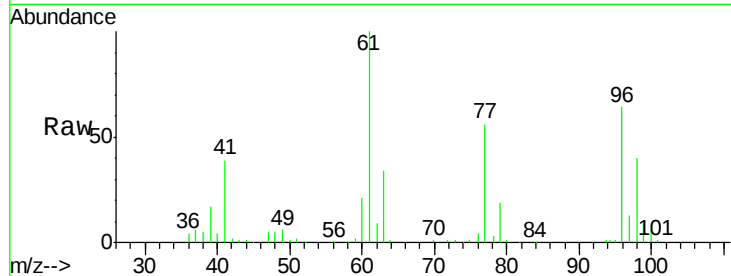
cis-1,2-Dichloroethene
Concen: 17.194 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX009852.D
Acq: 23 May 2019 12:47

Instrument :
MSVOA_X
ClientSampled :
VX0523WBS01

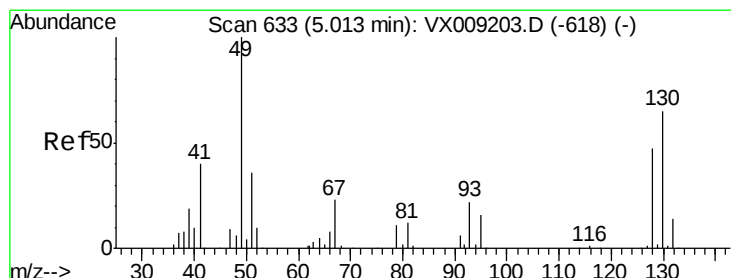
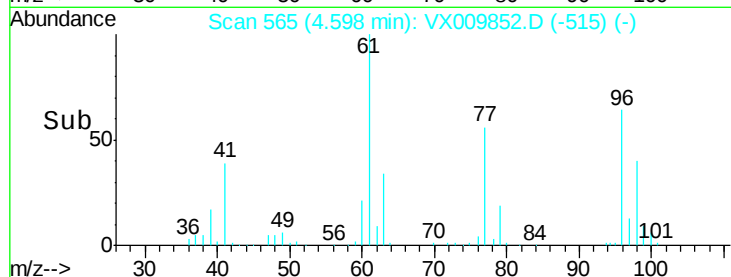
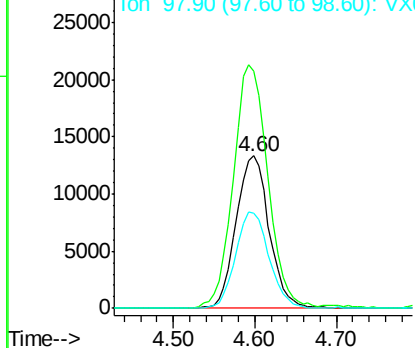
Tot Ion	Ratio	Lower	Upper
96	100		
61	167.4	0.0	324.0
98	63.9	0.0	130.4

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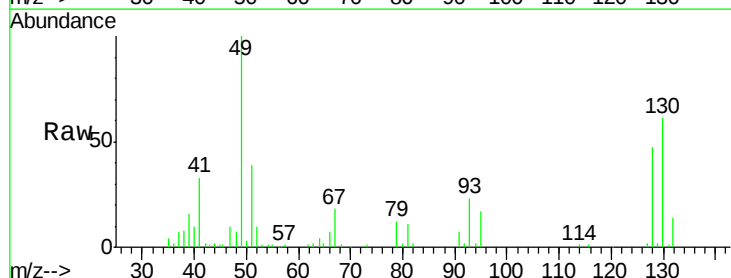
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



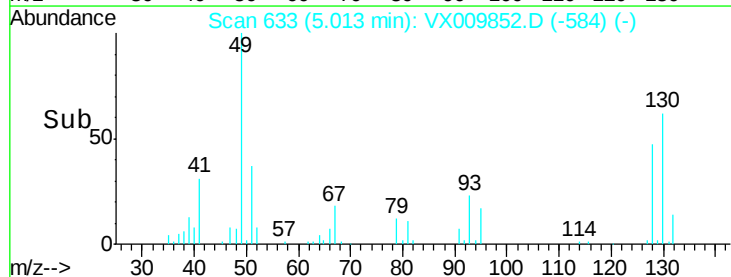
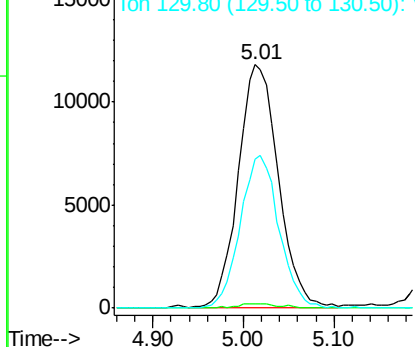
#28

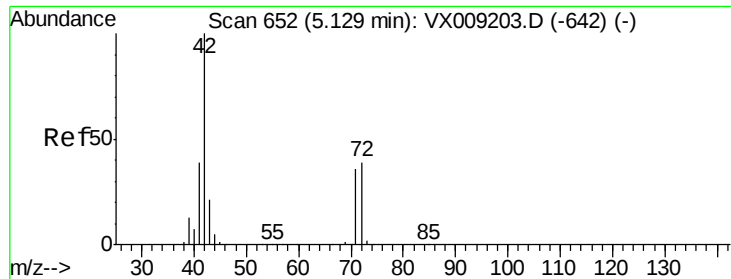
Bromochloromethane
Concen: 21.651 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX009852.D
Acq: 23 May 2019 12:47

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.8
130	60.3	51.2	76.8



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





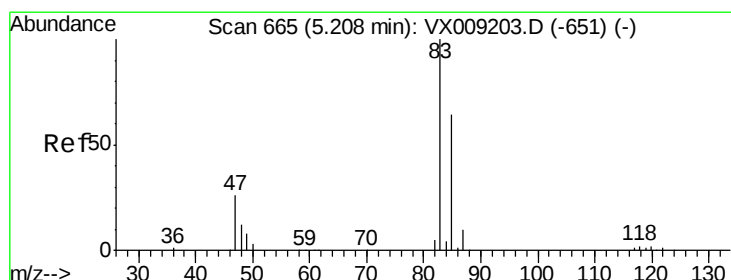
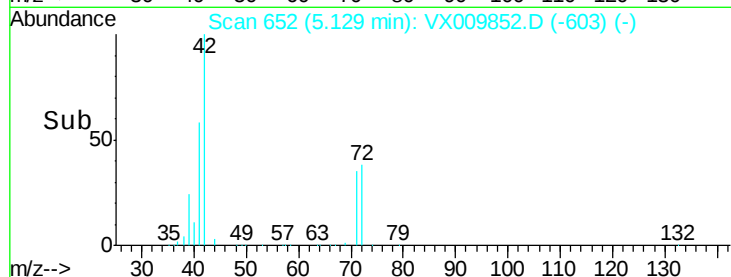
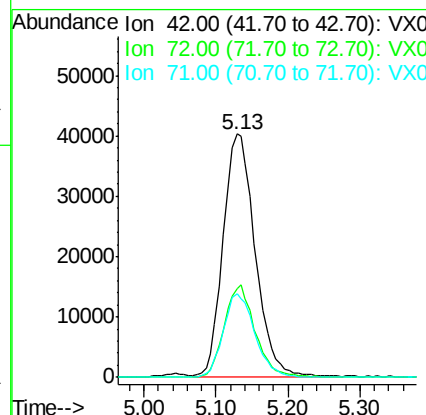
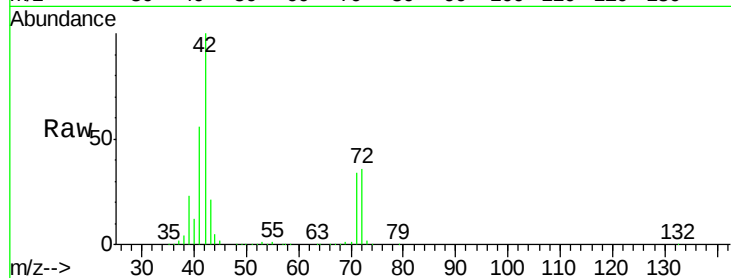
#29
Tetrahydrofuran
Concen: 94.139 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX009852.D
Acq: 23 May 2019 12:47

Instrument :
MSVOA_X
ClientSampleId :
VX0523WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.0	30.4	45.6
71	34.3	28.6	43.0

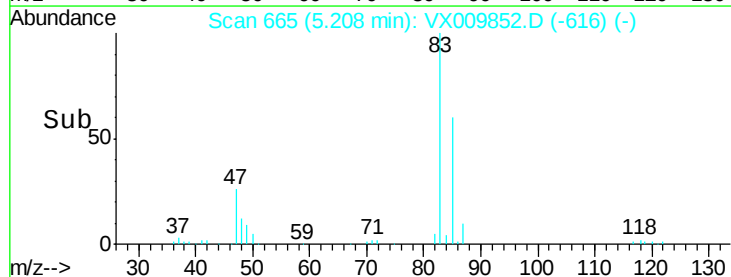
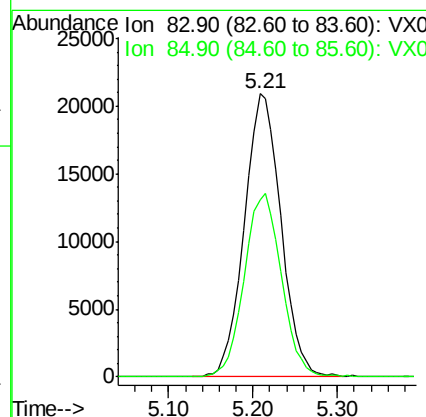
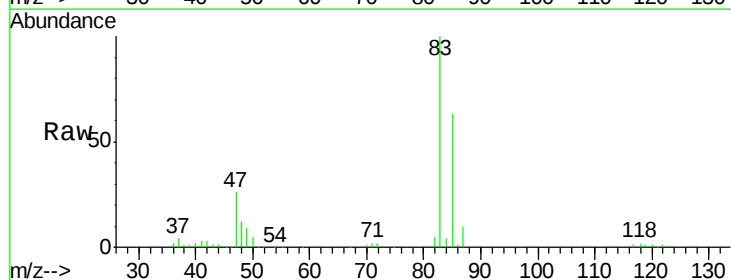
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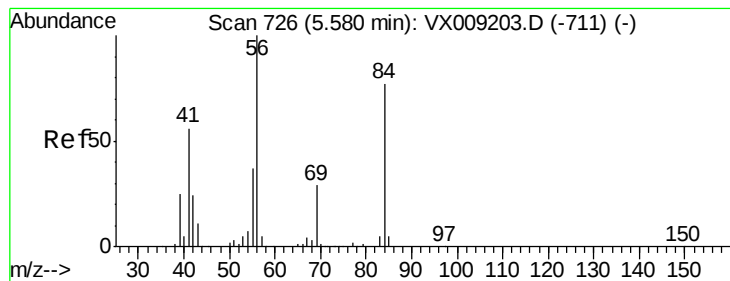
MMDadoda
5/24/2019 9:01:51 AM



#30
Chloroform
Concen: 17.537 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.00 min
Lab File: VX009852.D
Acq: 23 May 2019 12:47

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.7	51.5	77.3





#31

Cyclohexane

Concen: 18.379 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX009852.D

Acq: 23 May 2019 12:47

Instrument :

MSVOA_X

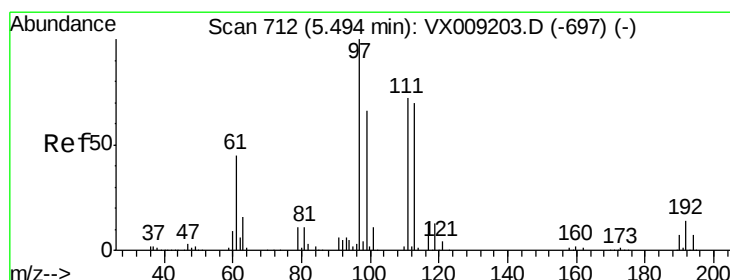
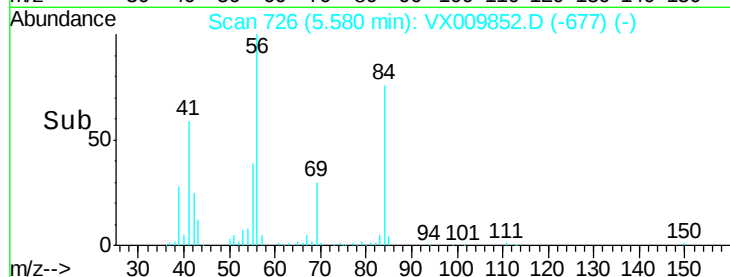
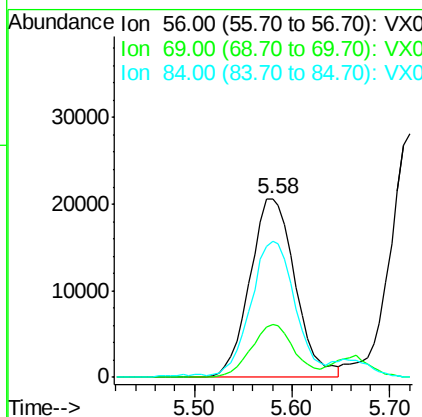
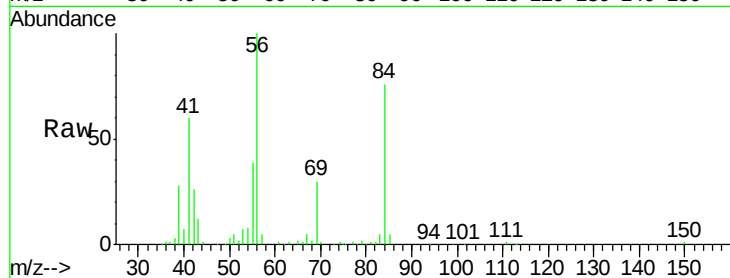
ClientSampleId :

VX0523WBS01

Tot Ion:	56	Resp:	66502
Ion Ratio	Lower	Upper	
56	100		
69	29.9	23.4	35.0
84	75.0	61.9	92.9

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 17.347 ug/l

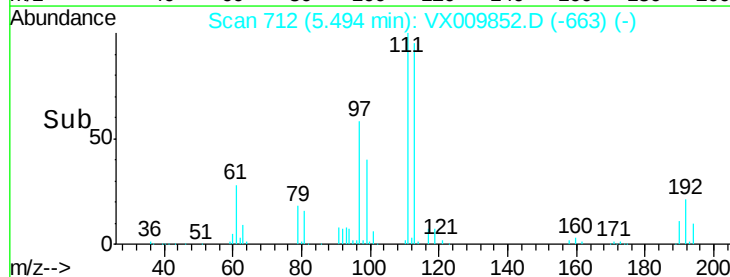
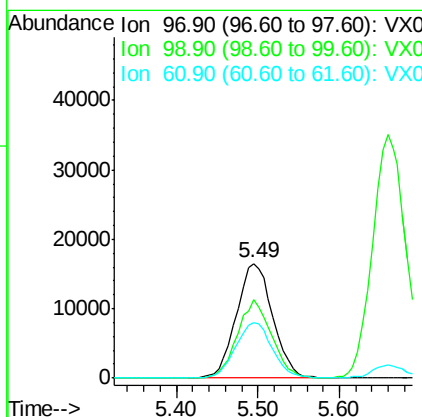
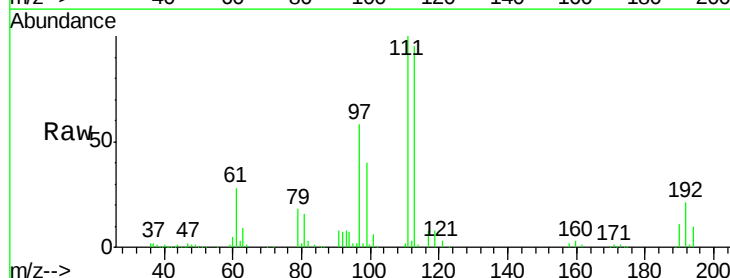
RT: 5.49 min Scan# 712

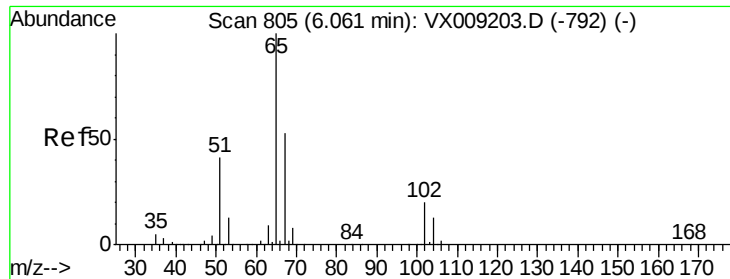
Delta R.T. -0.00 min

Lab File: VX009852.D

Acq: 23 May 2019 12:47

Tgt Ion:	97	Resp:	50795
Ion Ratio	Lower	Upper	
97	100		
99	64.5	51.8	77.8
61	49.2	37.8	56.8





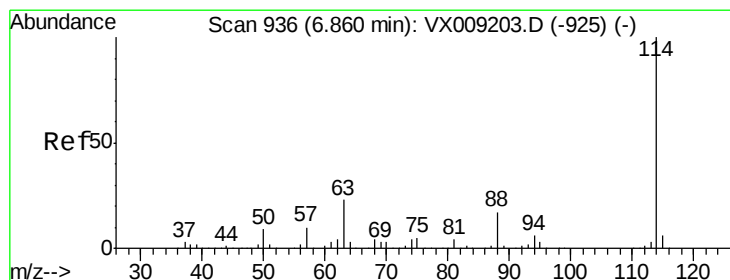
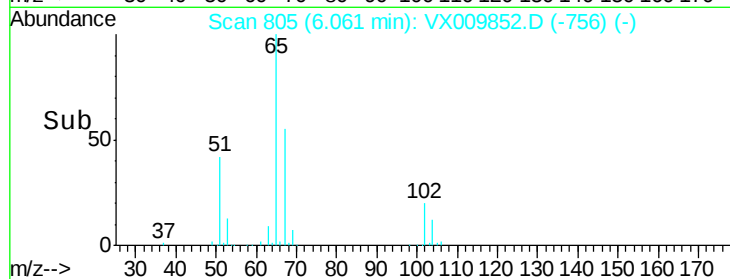
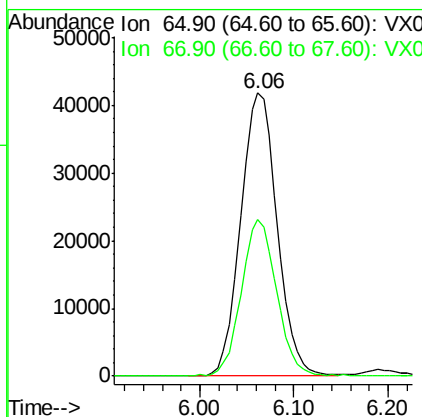
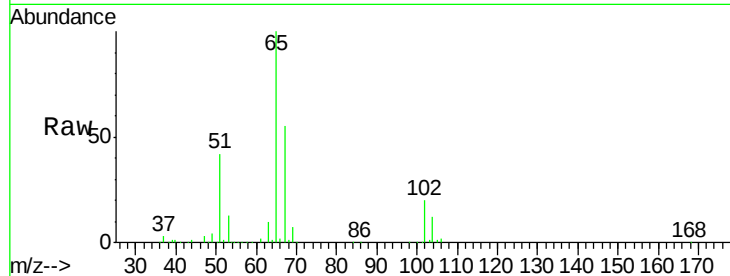
#33
 1,2-Dichloroethane-d4
 Concen: 46.355 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009852.D
 Acq: 23 May 2019 12:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0523WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	106.6

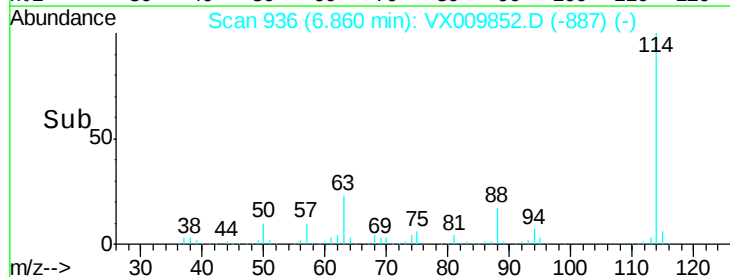
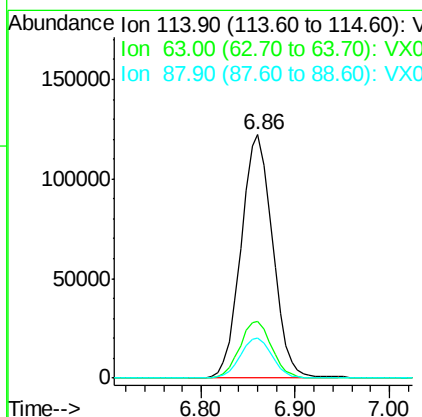
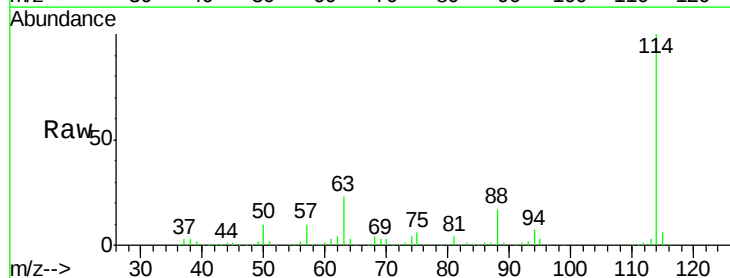
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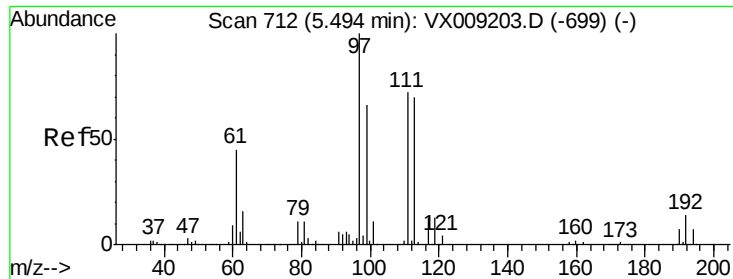
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009852.D
 Acq: 23 May 2019 12:47

Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.2	0.0	45.6
88	16.5	0.0	33.2





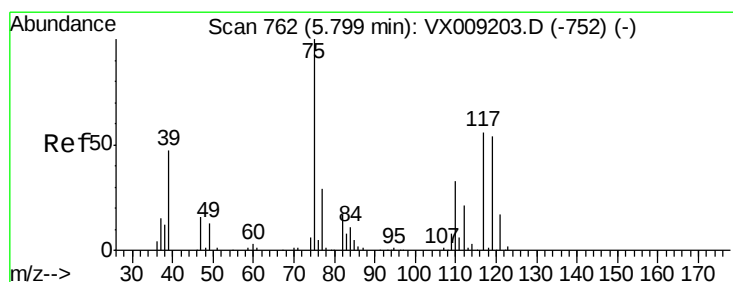
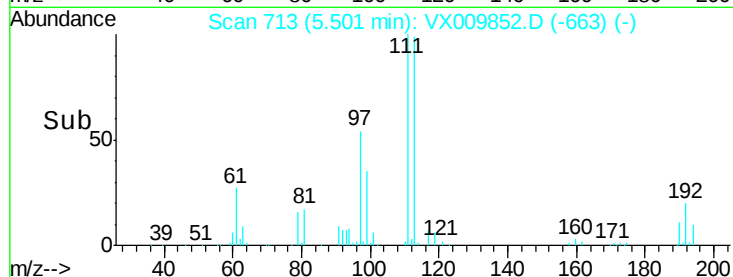
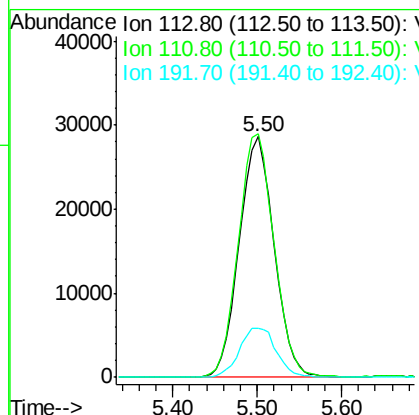
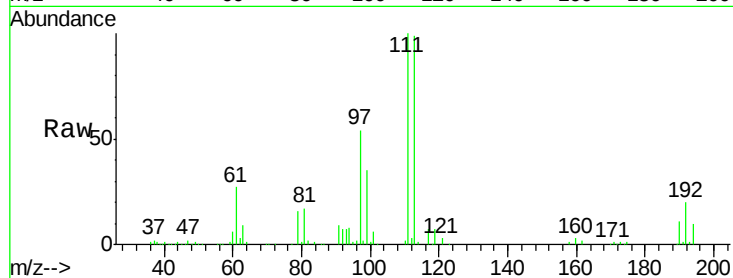
#35
Dibromofluoromethane
Concen: 44.628 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX009852.D
Acq: 23 May 2019 12:47

Instrument :
MSVOA_X
ClientSampleId :
VX0523WBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.8	124.2
192	21.6	17.0	25.6

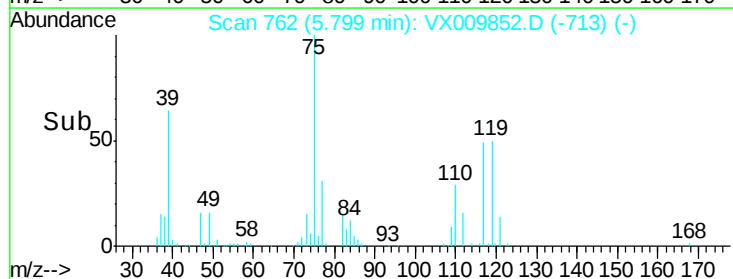
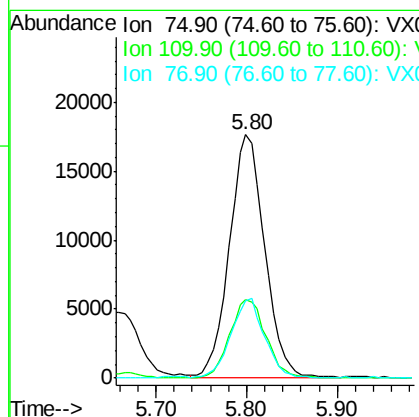
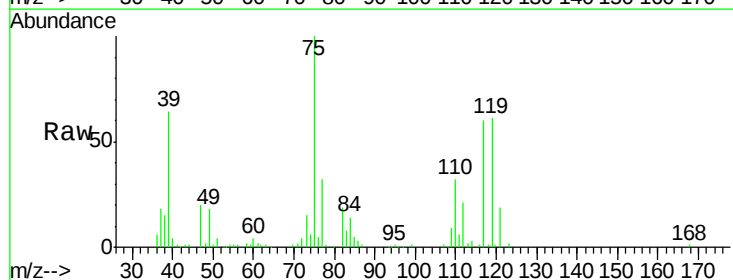
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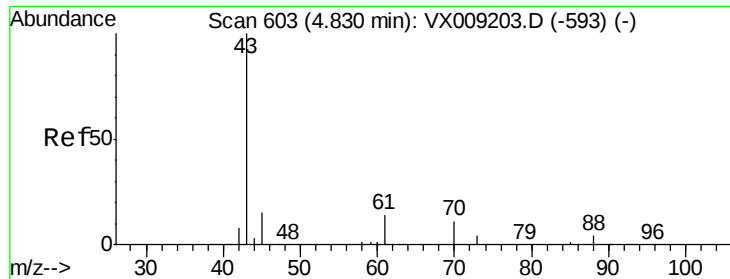
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#36
1,1-Dichloropropene
Concen: 17.726 ug/l
RT: 5.80 min Scan# 762
Delta R.T. -0.00 min
Lab File: VX009852.D
Acq: 23 May 2019 12:47

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.5	16.9	50.6
77	31.7	24.8	37.2





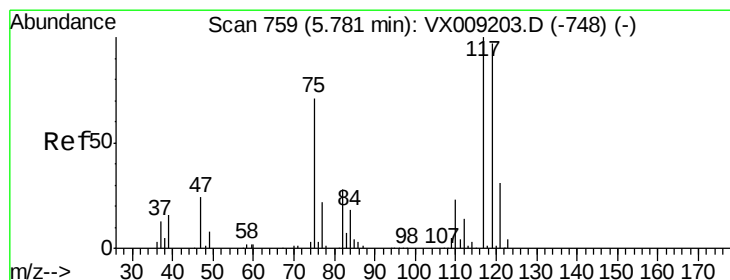
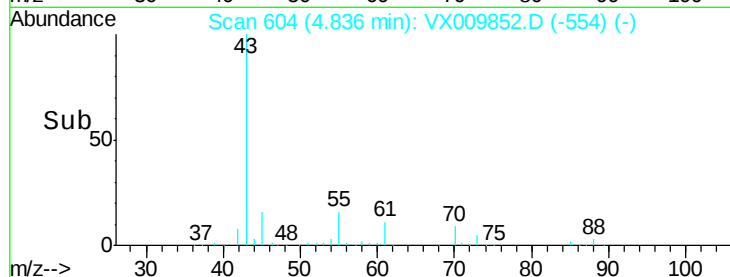
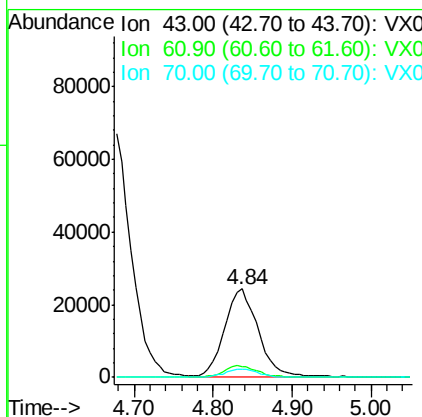
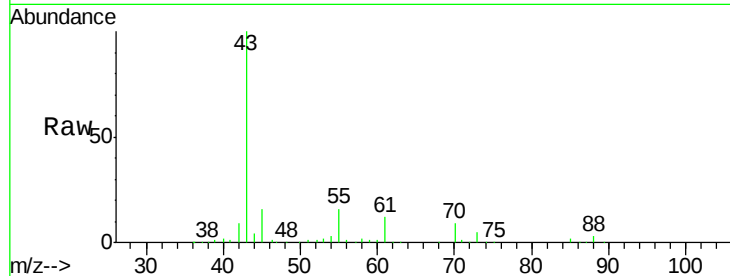
#37
Ethyl Acetate
Concen: 19.185 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX009852.D
Acq: 23 May 2019 12:47

Instrument :
MSVOA_X
ClientSampleId :
VX0523WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.2	10.5	15.7
70	9.3	7.9	11.9

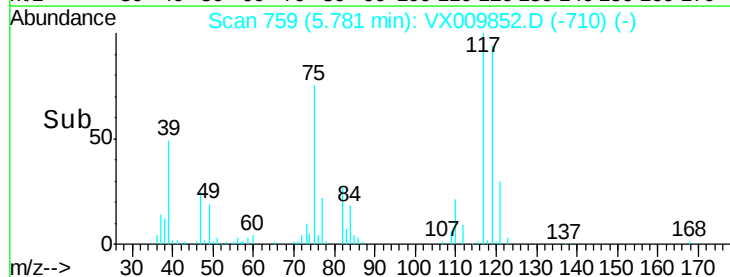
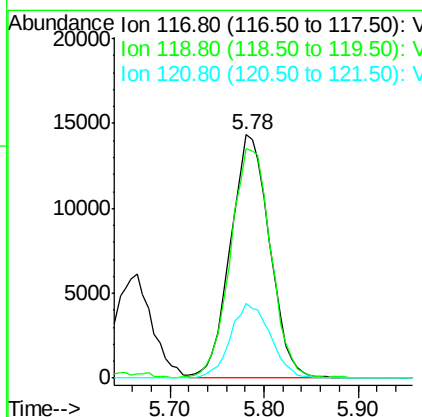
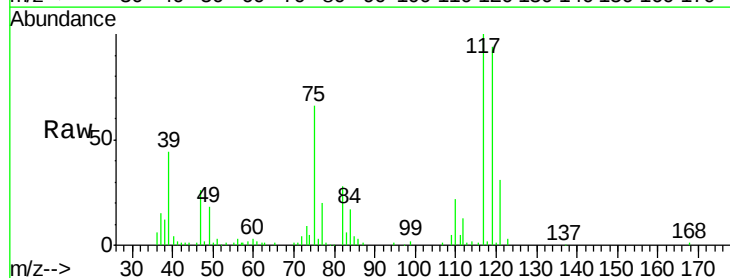
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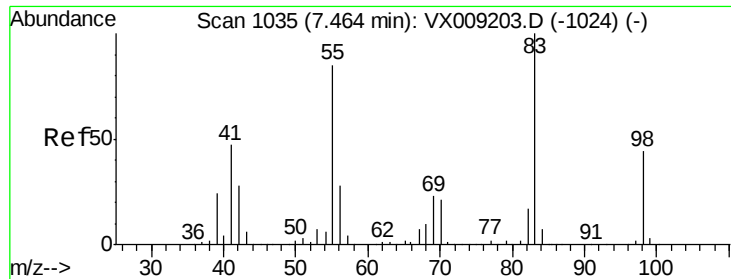
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#38
Carbon Tetrachloride
Concen: 17.161 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX009852.D
Acq: 23 May 2019 12:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.6	77.5	116.3
121	30.6	24.7	37.1





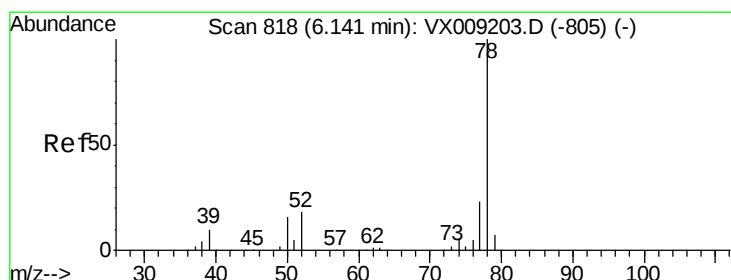
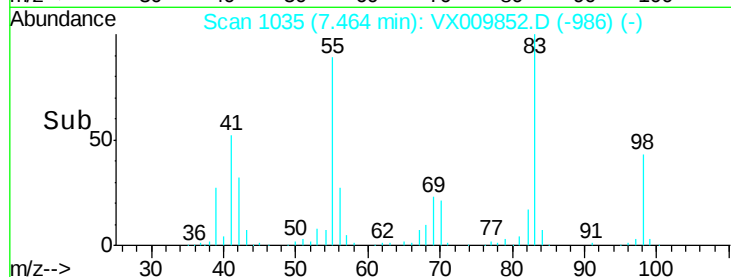
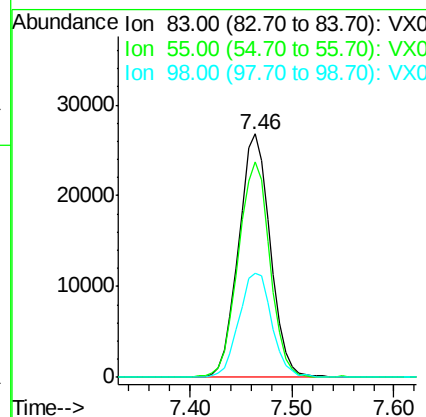
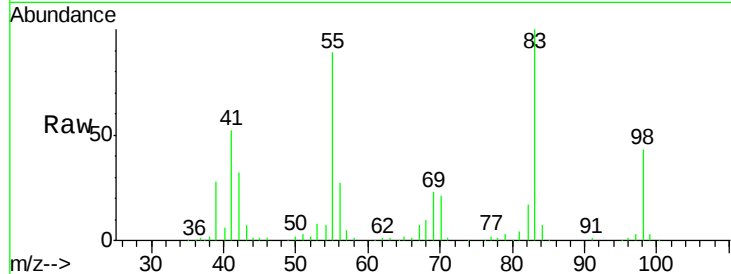
#39
Methvlcvclohexane
Concen: 17.649 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX009852.D
Acq: 23 May 2019 12:47

Instrument :
MSVOA_X
ClientSampleId :
VX0523WBS01

Tot Ion	83.00	Resp	57633
Ion Ratio	Lower	Upper	
83	100		
55	88.8	67.7	101.5
98	42.9	35.5	53.3

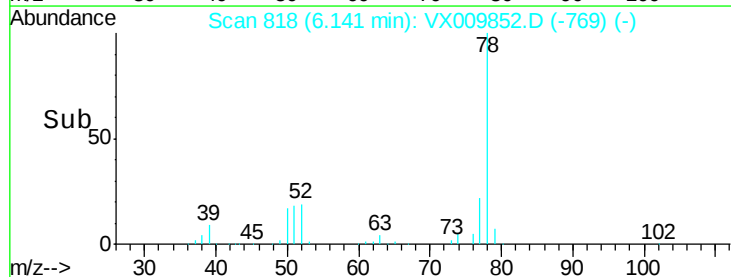
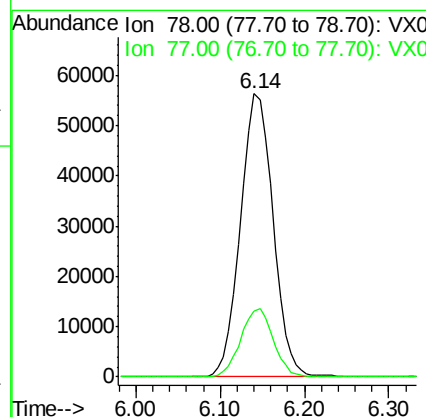
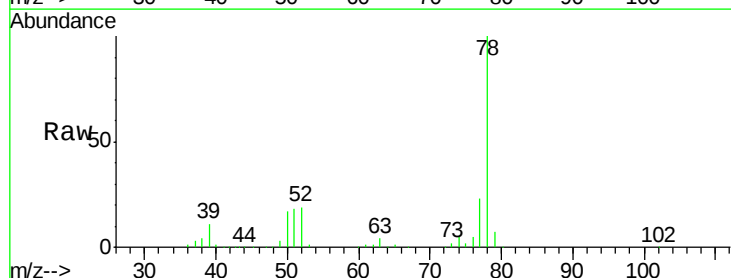
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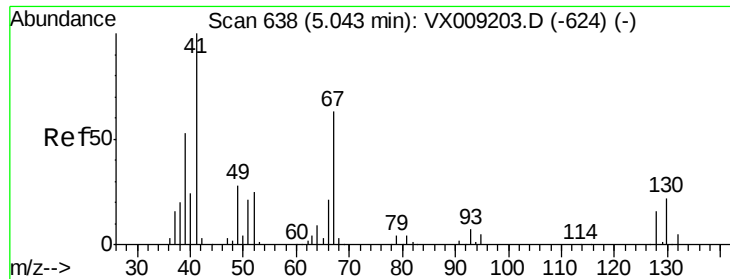
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#40
Benzene
Concen: 17.955 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX009852.D
Acq: 23 May 2019 12:47

Tgt Ion	78.00	Resp	147757
Ion Ratio	Lower	Upper	
78	100		
77	23.1	18.8	28.2





#41

Methacrylonitrile

Concen: 17.959 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX009852.D

Acq: 23 May 2019 12:47

Instrument :

MSVOA_X

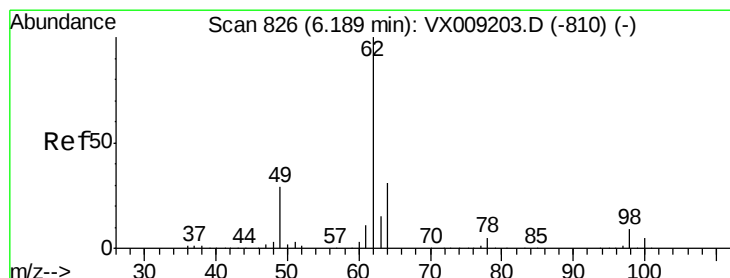
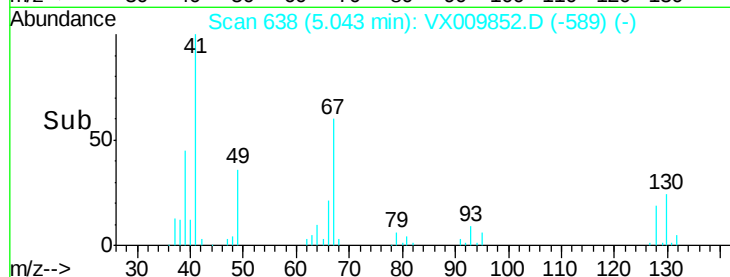
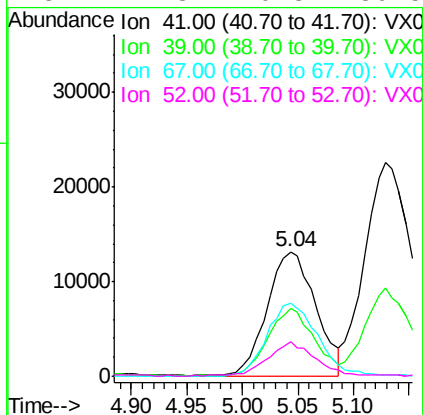
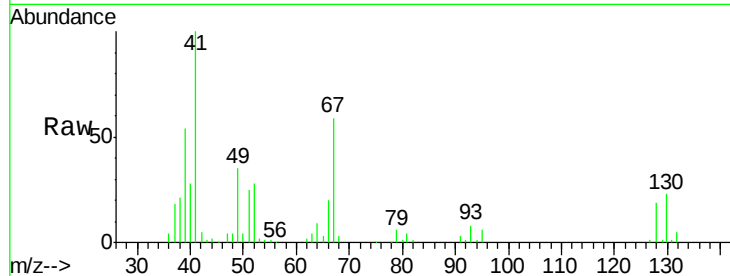
ClientSampleId :

VX0523WBS01

Tot Ion:	41	Resp:	39606
Ion	Ratio	Lower	Upper
41	100		
39	52.6	42.0	63.0
67	61.4	49.8	74.8
52	27.3	20.3	30.5

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 18.499 ug/l

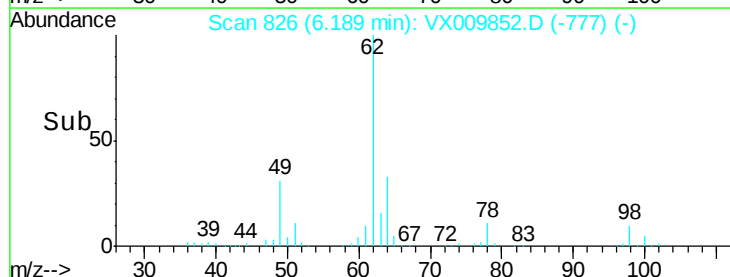
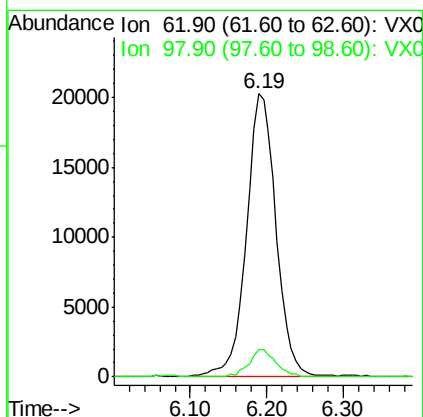
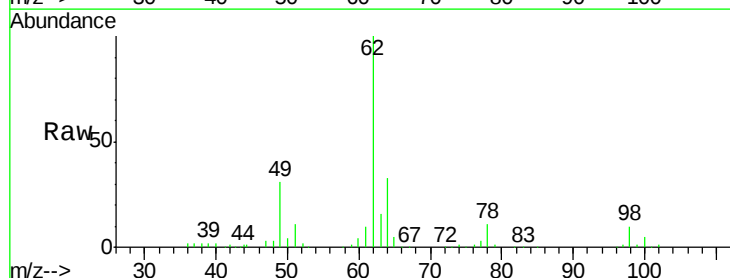
RT: 6.19 min Scan# 826

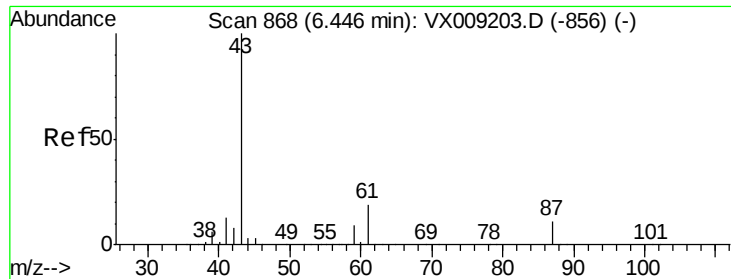
Delta R.T. -0.00 min

Lab File: VX009852.D

Acq: 23 May 2019 12:47

Tgt Ion:	62	Resp:	54608
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.2





#43

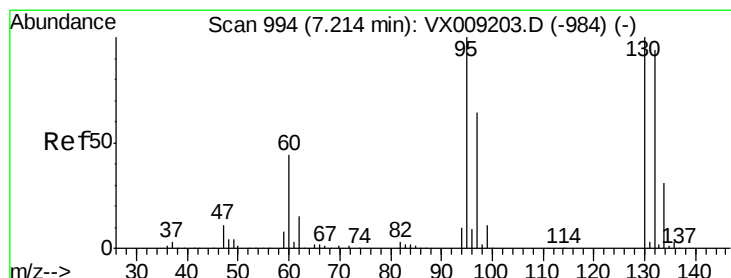
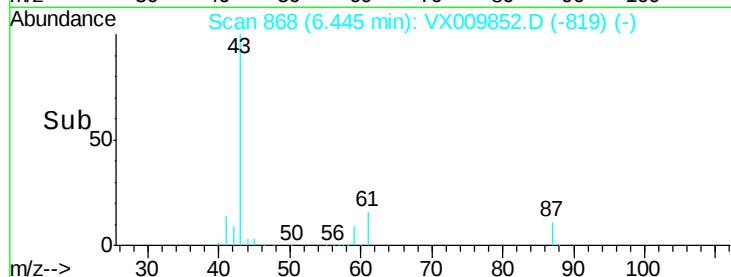
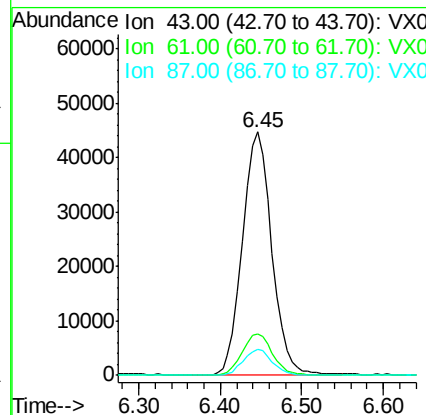
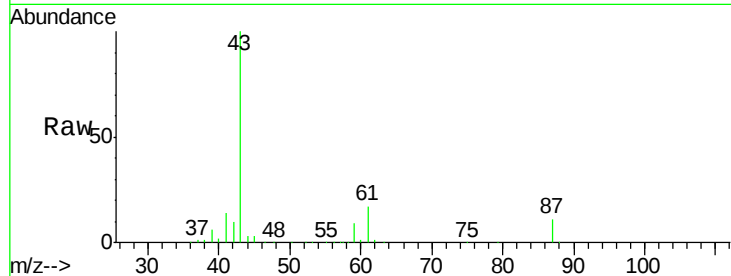
Isopropyl Acetate
 Concen: 18.736 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX009852.D
 Acq: 23 May 2019 12:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0523WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.8	15.1	22.7
87	10.8	9.0	13.6

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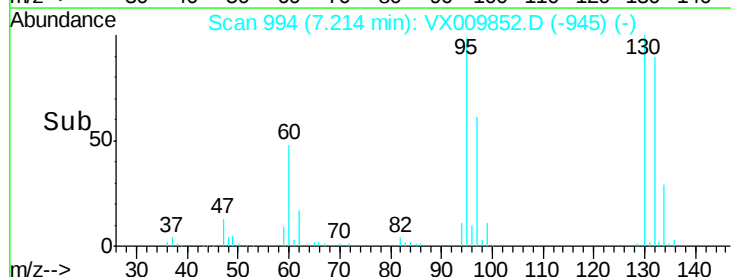
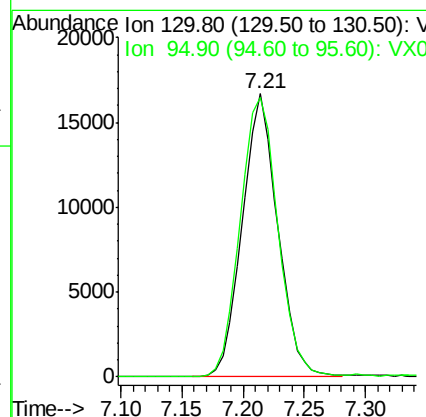
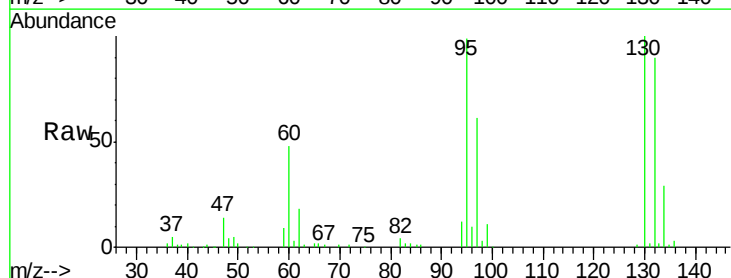
MMDadoda
 5/24/2019 9:01:51 AM

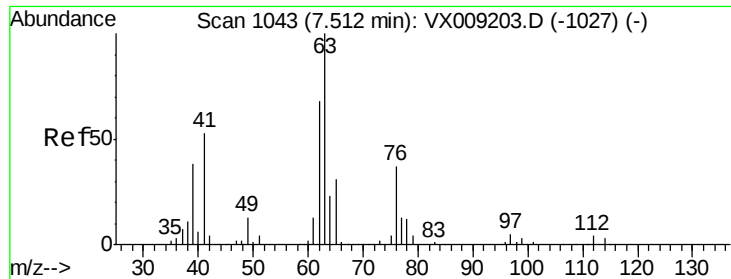


#44

Trichloroethene
 Concen: 16.911 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX009852.D
 Acq: 23 May 2019 12:47

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.7	0.0	199.2





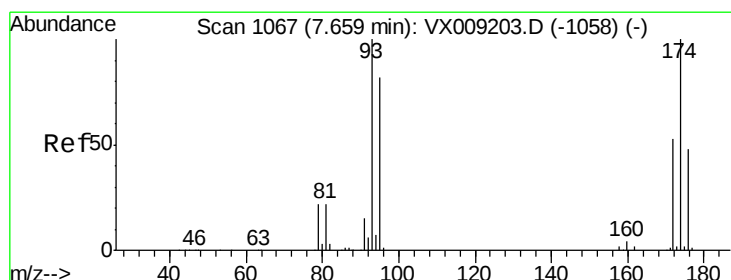
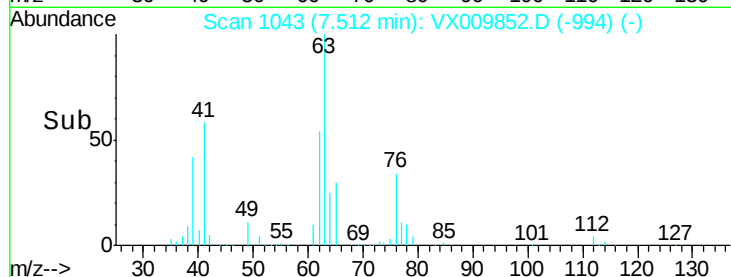
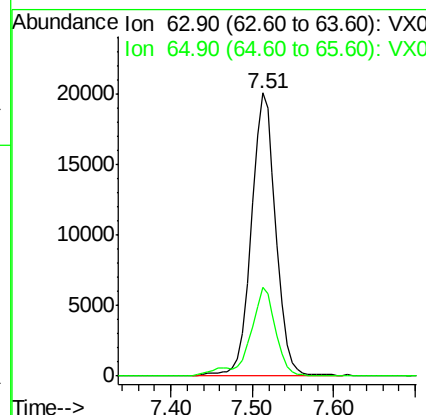
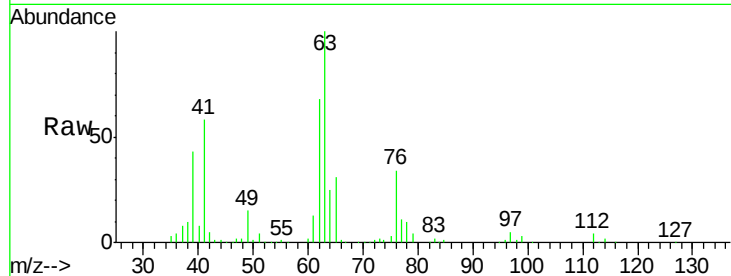
#45
 1,2-Dichloropropane
 Concen: 17.958 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX009852.D
 Acq: 23 May 2019 12:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0523WBS01

Tot Ion: 63 Resp: 41844
 Ion Ratio Lower Upper
 63 100
 65 31.2 25.0 37.6

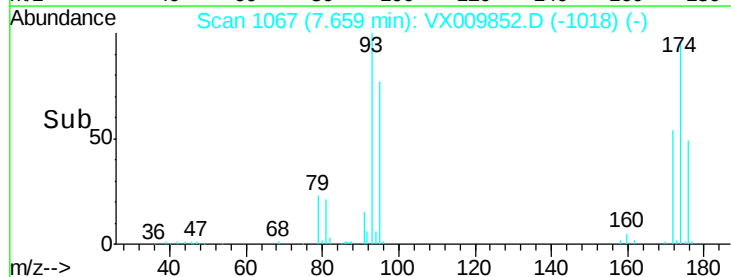
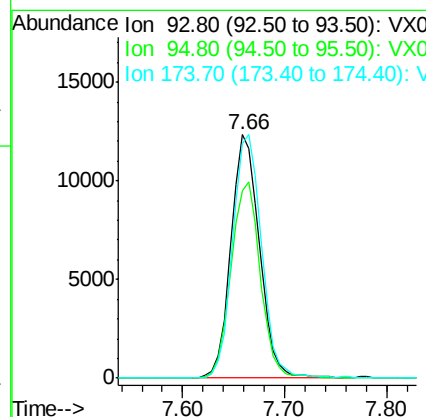
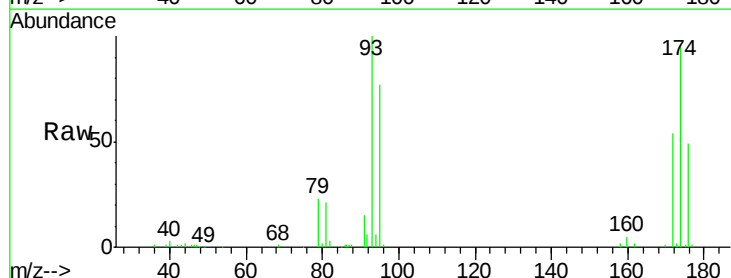
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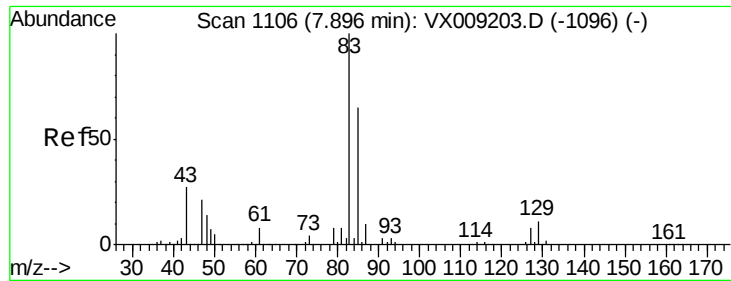
MMDadoda
 5/24/2019 9:01:51 AM



#46
 Dibromomethane
 Concen: 17.609 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX009852.D
 Acq: 23 May 2019 12:47

Tgt Ion: 93 Resp: 23827
 Ion Ratio Lower Upper
 93 100
 95 82.6 66.5 99.7
 174 101.1 82.1 123.1





#47

Bromodichloromethane

Concen: 17.206 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009852.D

Acq: 23 May 2019 12:47

Instrument :

MSVOA_X

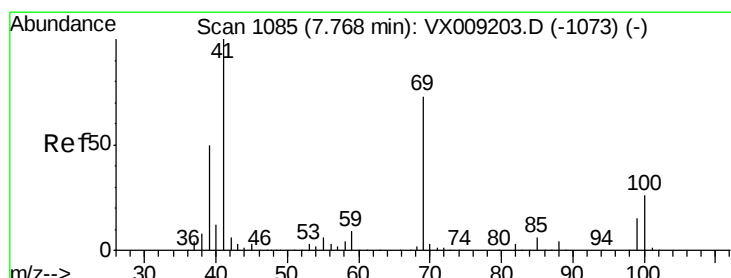
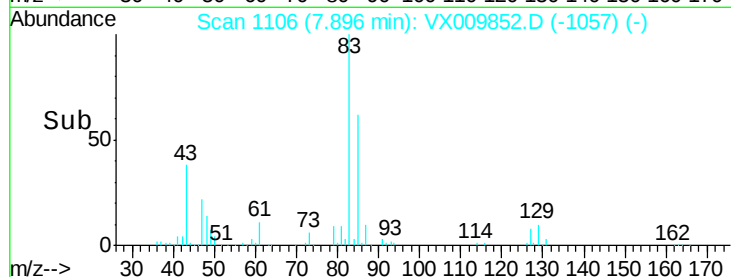
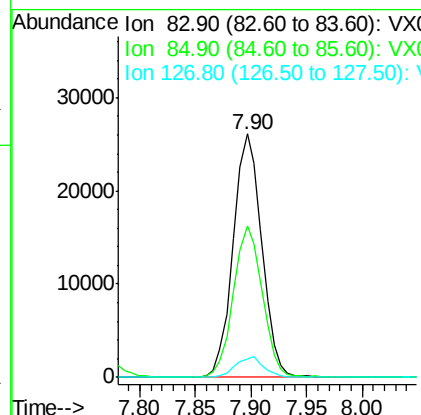
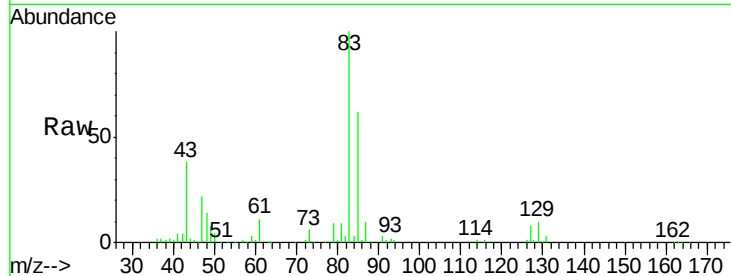
ClientSampleId :

VX0523WBS01

Tot Ion:	83	Resp:	46442
Ion	Ratio	Lower	Upper
83	100		
85	62.4	52.4	78.6
127	7.8	6.6	10.0

Manual Integrations
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5/24/2019 9:01:51 AM



#48

Methyl methacrylate

Concen: 18.981 ug/l

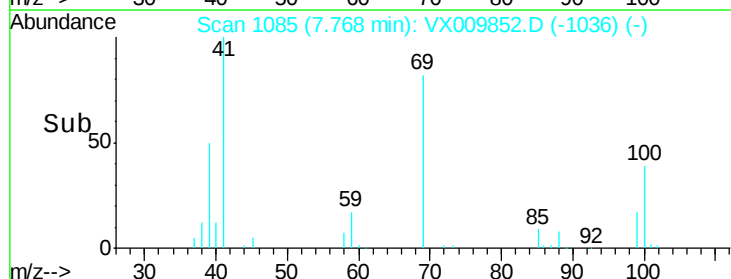
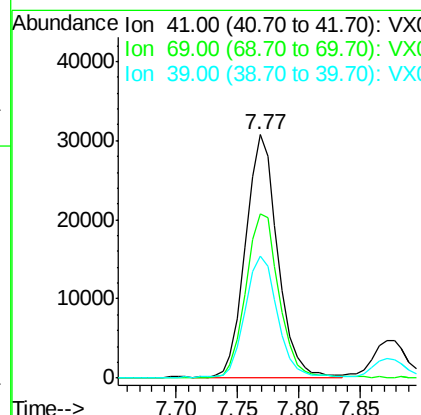
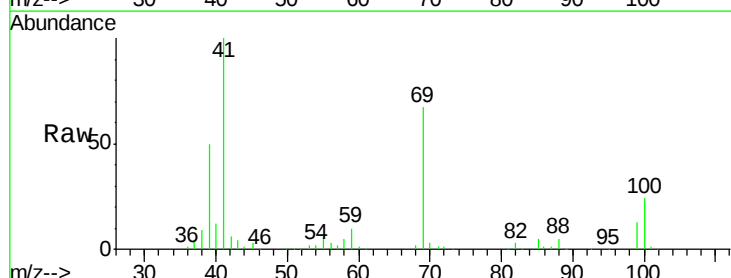
RT: 7.77 min Scan# 1085

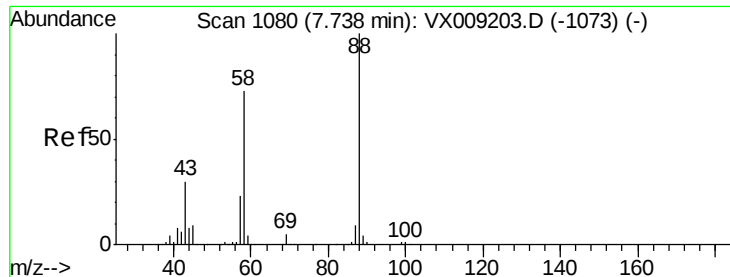
Delta R.T. -0.00 min

Lab File: VX009852.D

Acq: 23 May 2019 12:47

Tgt Ion:	41	Resp:	55806
Ion	Ratio	Lower	Upper
41	100		
69	70.7	59.1	88.7
39	51.0	40.4	60.6





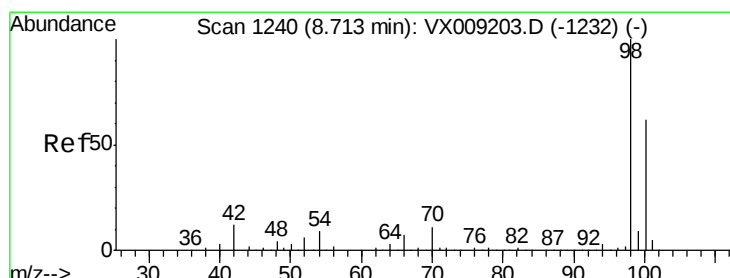
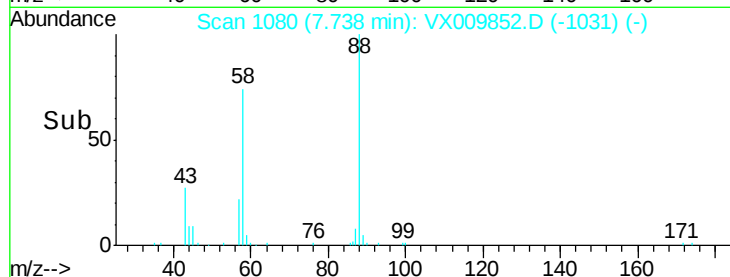
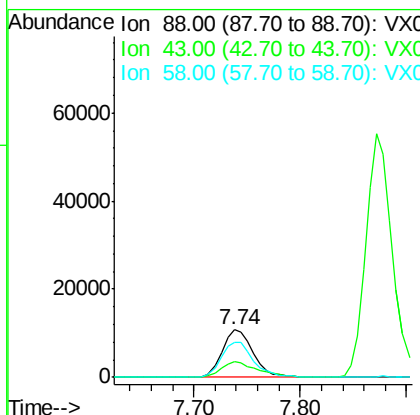
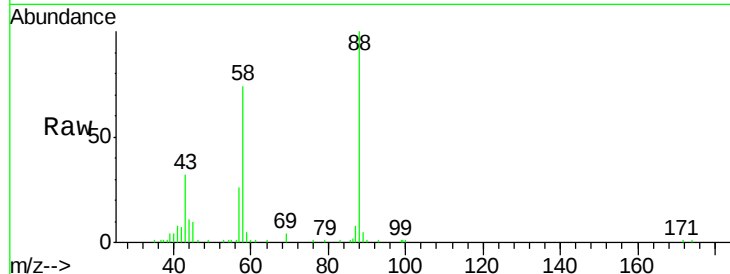
#49
1,4-Dioxane
Concen: 365.510 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX009852.D
Acq: 23 May 2019 12:47

Instrument :
MSVOA_X
ClientSampleId :
VX0523WBS01

Tot Ion	88	Resp	21793
Ion	Ratio	Lower	Upper
88	100		
43	36.4	28.6	42.8
58	78.9	61.7	92.5

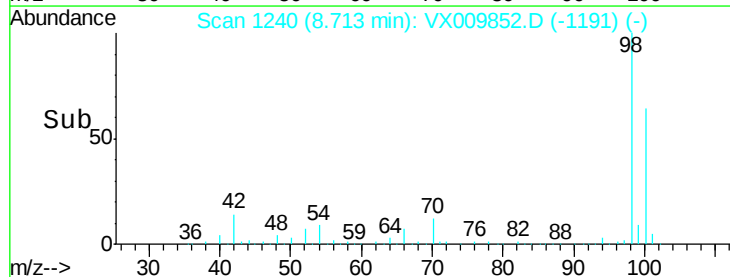
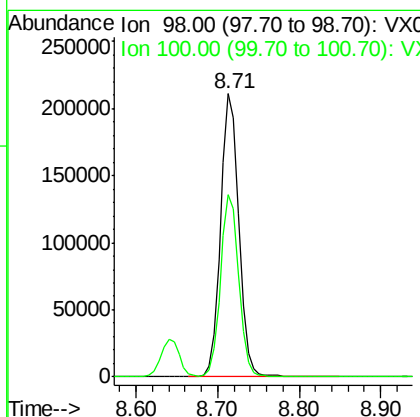
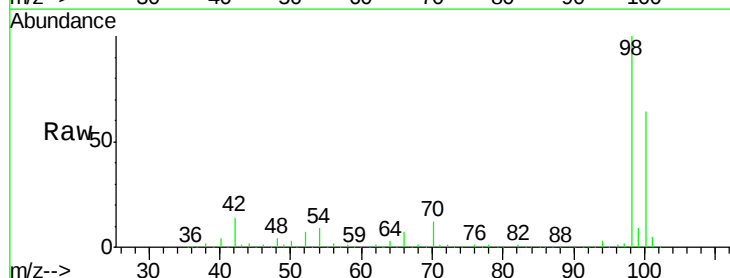
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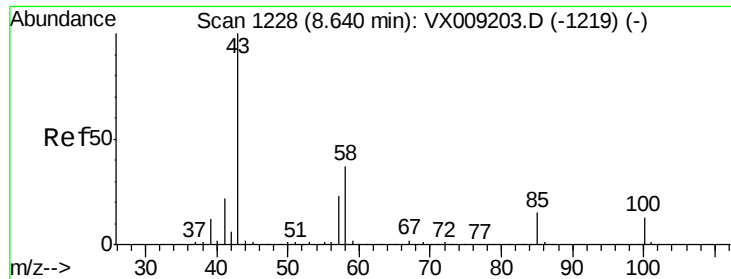
MMDadoda
5/24/2019 9:01:51 AM



#50
Toluene-d8
Concen: 45.596 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009852.D
Acq: 23 May 2019 12:47

Tgt Ion	98	Resp	331108
Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 95.014 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX009852.D

Acq: 23 May 2019 12:47

Instrument :

MSVOA_X

ClientSampled :

VX0523WBS01

Tot Ion: 43 Resp: 368024

Ion Ratio Lower Upper

43 100

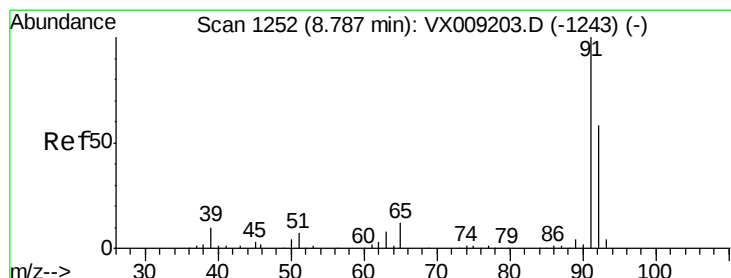
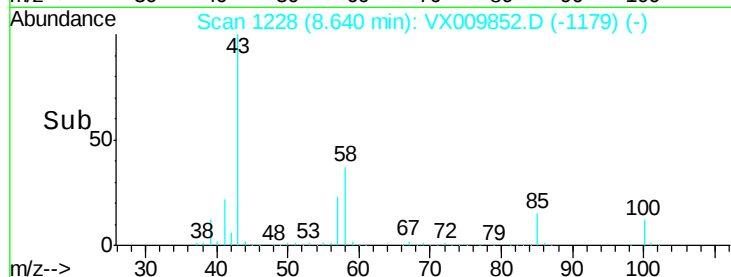
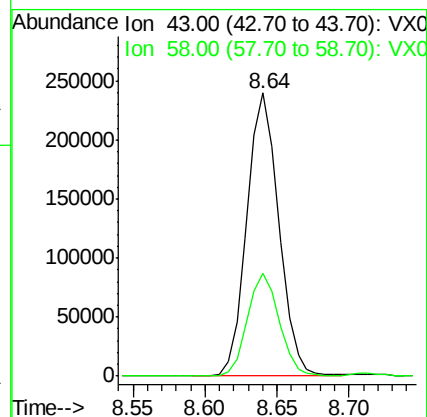
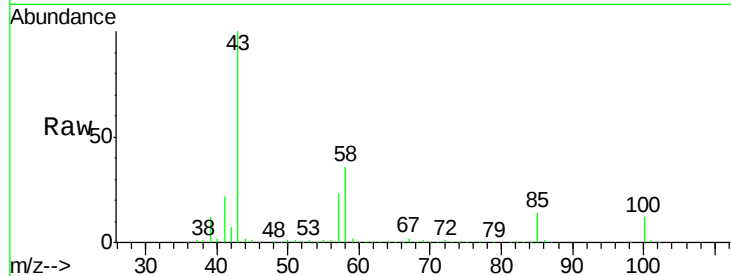
58 35.9 29.5 44.3

Manual Integrations

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MMDadoda

5/24/2019 9:01:51 AM



#52

Toluene

Concen: 17.612 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX009852.D

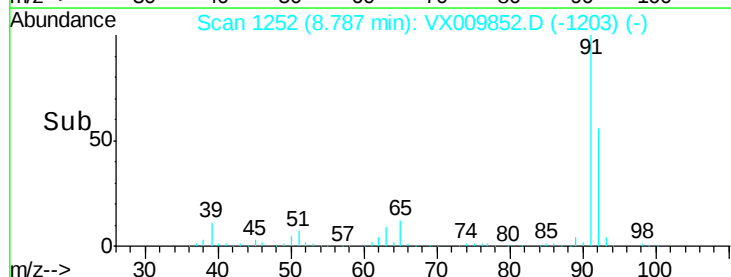
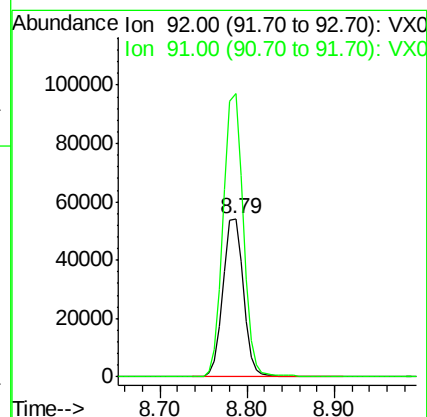
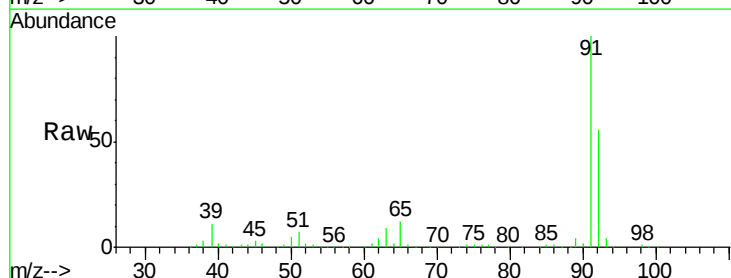
Acq: 23 May 2019 12:47

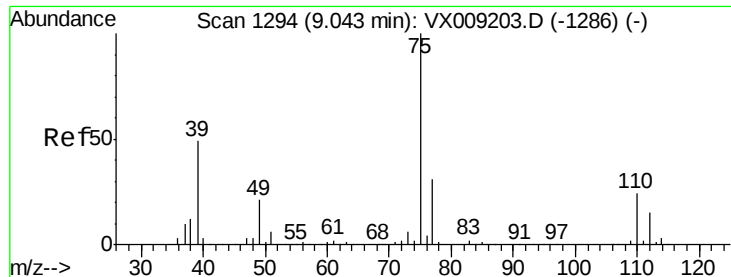
Tgt Ion: 92 Resp: 88102

Ion Ratio Lower Upper

92 100

91 176.0 138.8 208.2





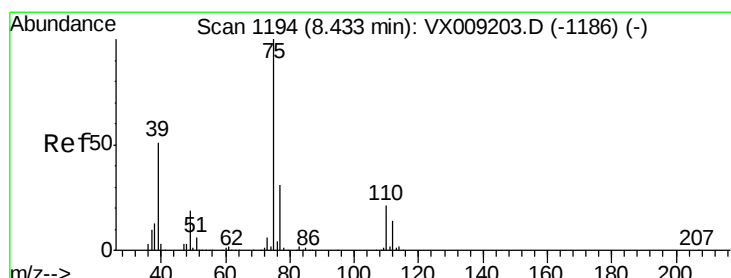
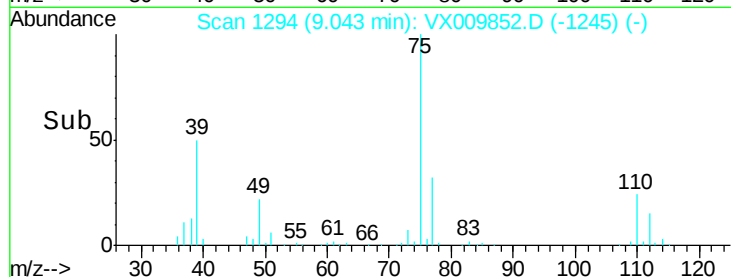
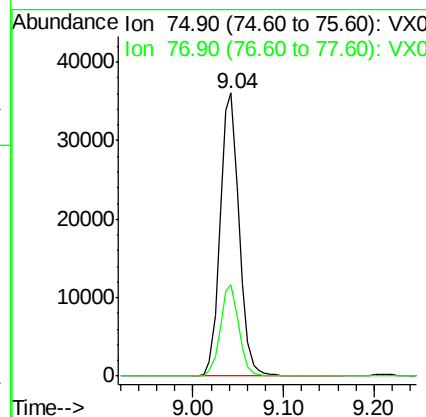
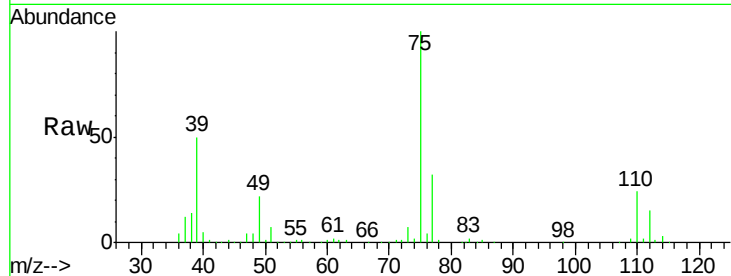
#53
t-1,3-Dichloropropene
Concen: 17.405 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX009852.D
Acq: 23 May 2019 12:47

Instrument :
MSVOA_X
ClientSampleId :
VX0523WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.0	37.6

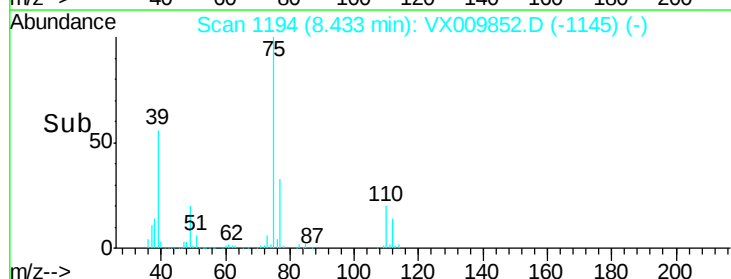
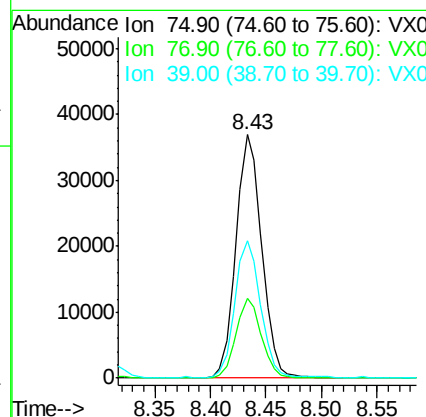
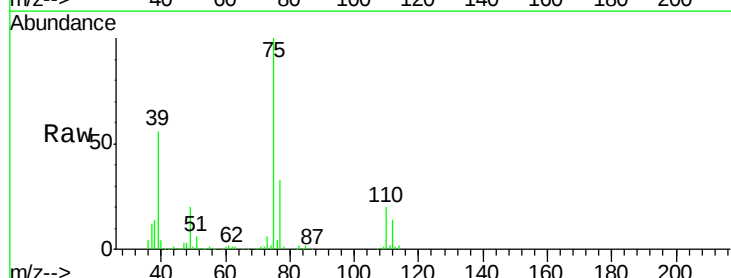
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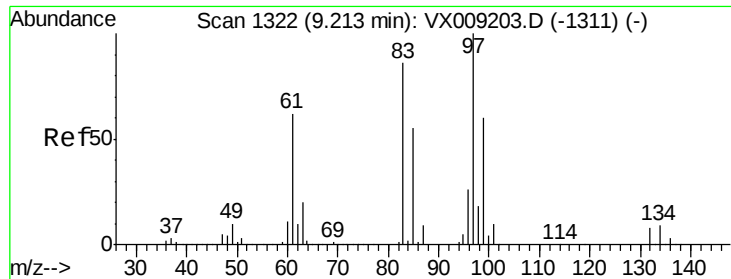
MMDadoda
5/24/2019 9:01:51 AM



#54
cis-1,3-Dichloropropene
Concen: 17.574 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX009852.D
Acq: 23 May 2019 12:47

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.5	24.6	36.8
39	56.0	40.6	60.8





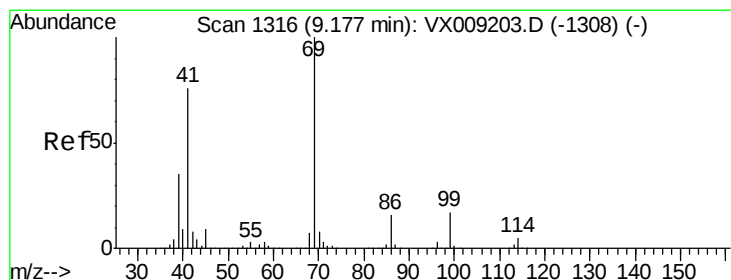
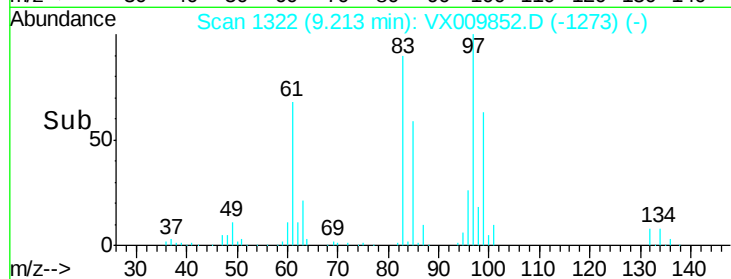
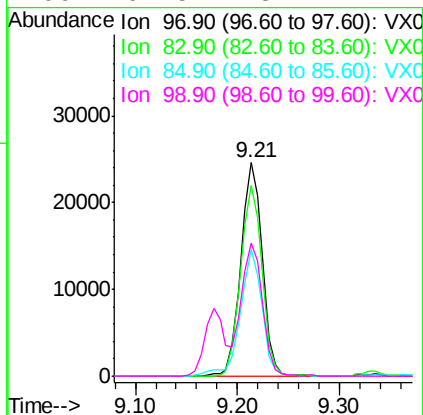
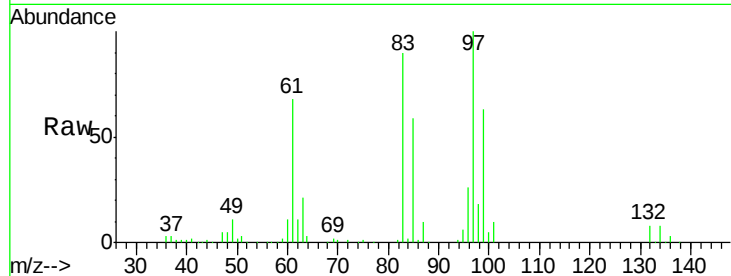
#55
 1,1,2-Trichloroethane
 Concen: 17.511 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX009852.D
 Acq: 23 May 2019 12:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0523WBS01

Tot Ion:	97	Resp:	35736
Ion	Ratio	Lower	Upper
97	100		
83	89.5	68.9	103.3
85	59.4	43.8	65.6
99	62.5	48.2	72.2

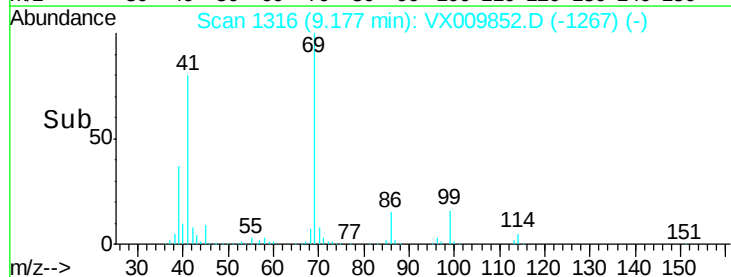
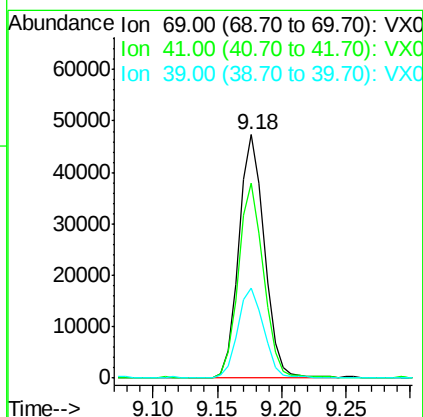
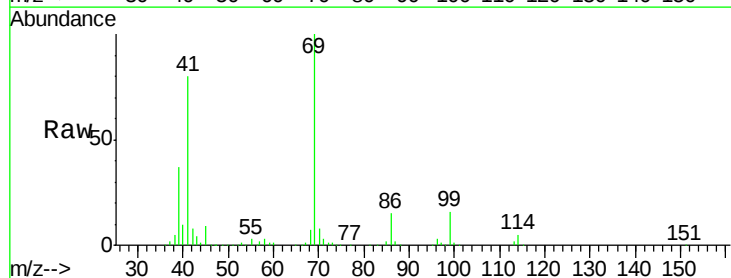
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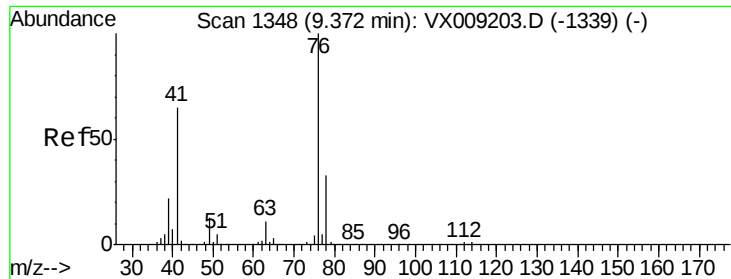
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 5/24/2019 9:01:51 AM



#56
 Ethyl methacrylate
 Concen: 17.939 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX009852.D
 Acq: 23 May 2019 12:47

Tgt Ion:	69	Resp:	65351
Ion	Ratio	Lower	Upper
69	100		
41	79.1	60.6	90.8
39	37.4	28.2	42.4





#57

1,3-Dichloropropane

Concen: 17.701 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX009852.D

Acq: 23 May 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

VX0523WBS01

Tot Ion: 76 Resp: 63569

Ion Ratio Lower Upper

76 100

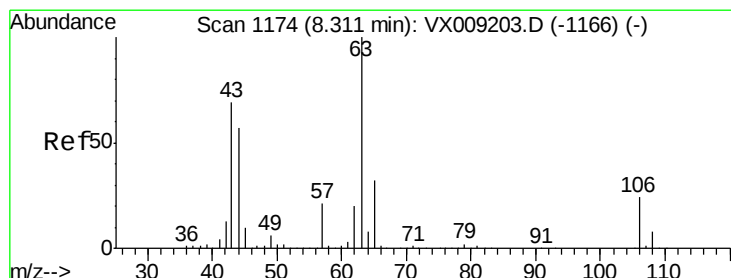
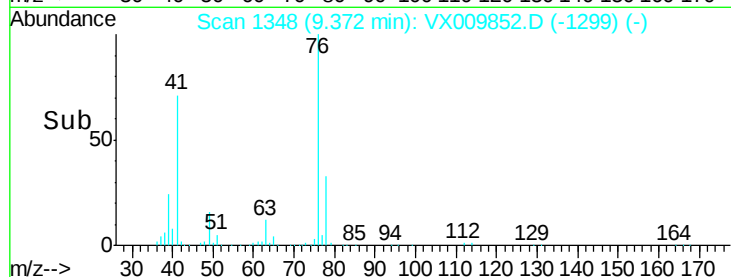
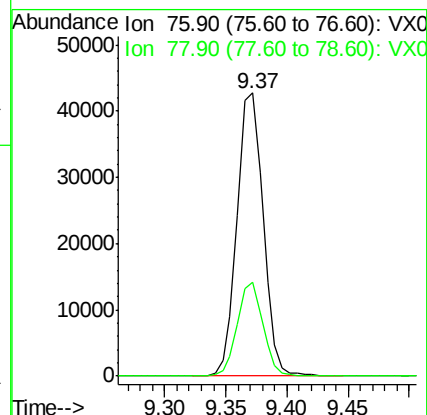
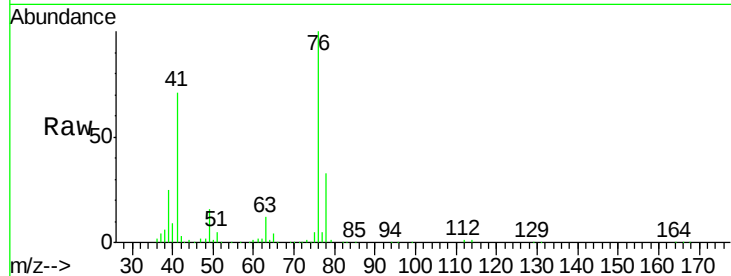
78 32.2 25.5 38.3

Manual Integrations

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MMDadoda

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#58

2-Chloroethyl Vinyl ether

Concen: 91.097 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX009852.D

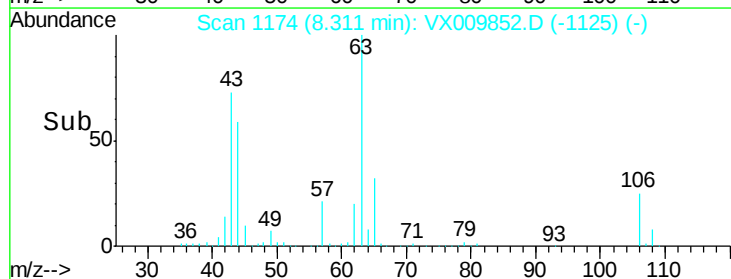
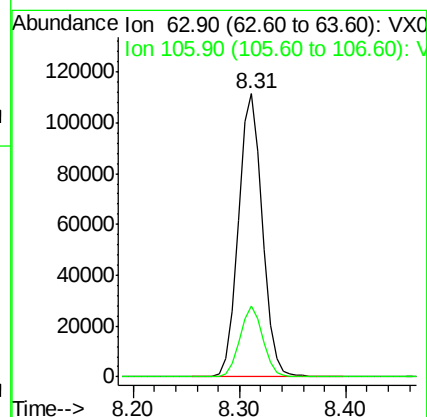
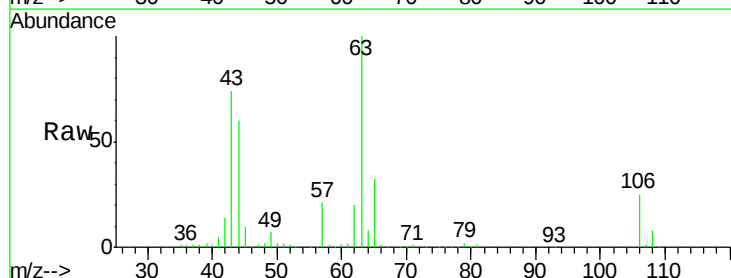
Acq: 23 May 2019 12:47

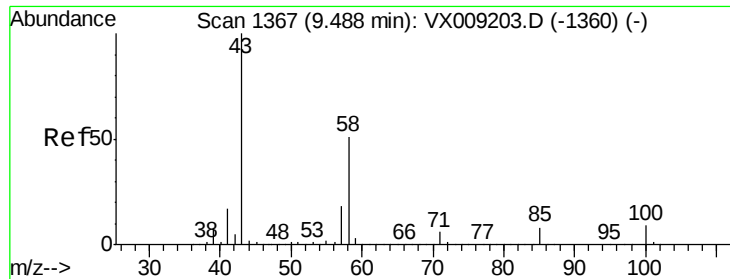
Tgt Ion: 63 Resp: 176050

Ion Ratio Lower Upper

63 100

106 24.2 19.7 29.5





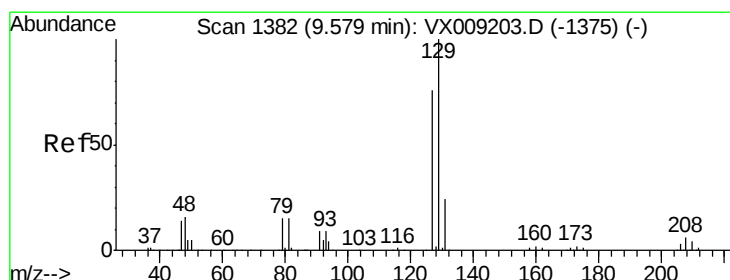
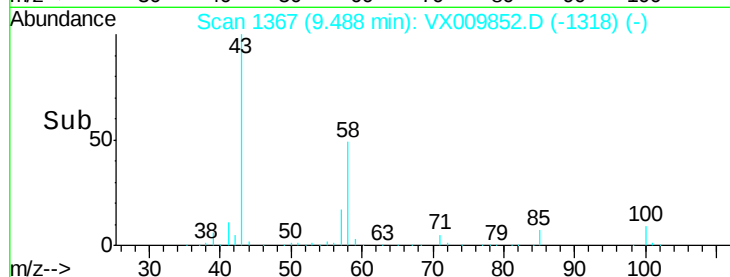
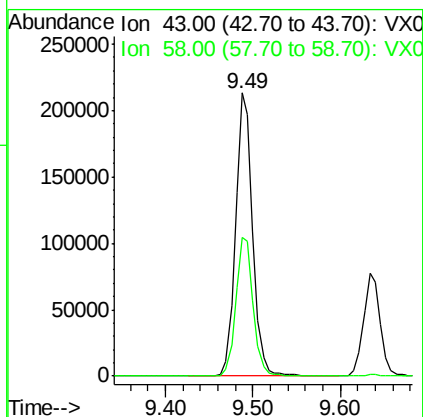
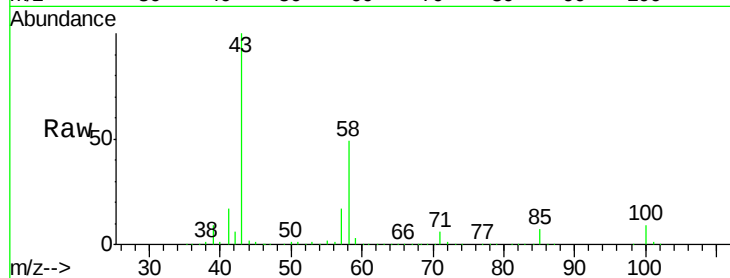
#59
2-Hexanone
Concen: 95.470 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX009852.D
Acq: 23 May 2019 12:47

Instrument :
MSVOA_X
ClientSampleId :
VX0523WBS01

Tot Ion: 43 Resp: 290428
Ion Ratio Lower Upper
43 100
58 50.0 25.9 77.7

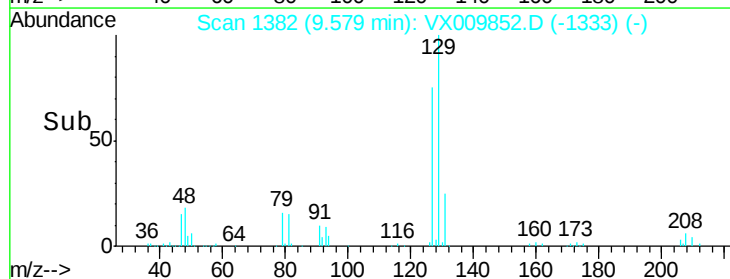
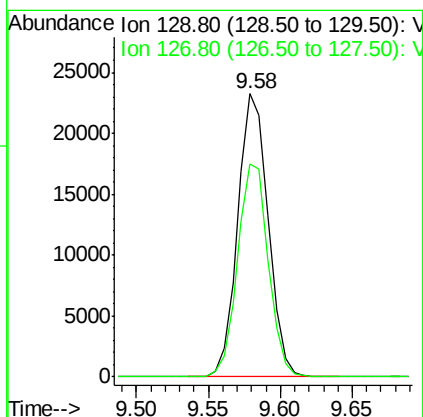
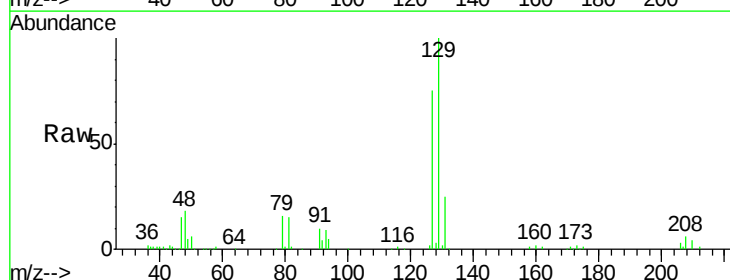
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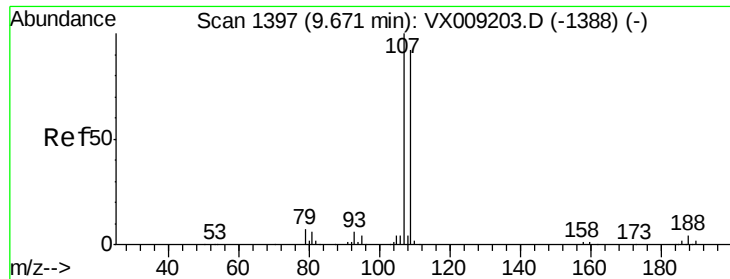
MMDadoda
5/24/2019 9:01:51 AM



#60
Dibromochloromethane
Concen: 17.082 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX009852.D
Acq: 23 May 2019 12:47

Tgt Ion: 129 Resp: 34048
Ion Ratio Lower Upper
129 100
127 76.0 38.4 115.1





#61

1,2-Dibromoethane

Concen: 17.788 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009852.D

Acq: 23 May 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

VX0523WBS01

Tot Ion:107 Resp: 36643

Ion Ratio Lower Upper

107 100

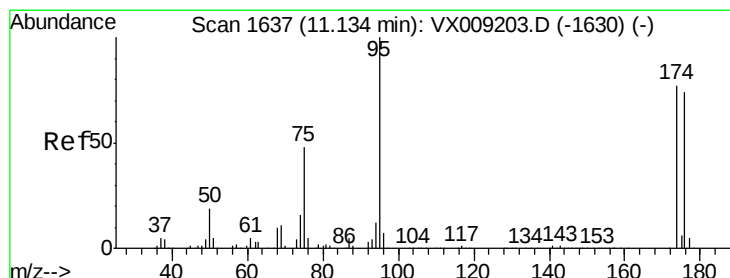
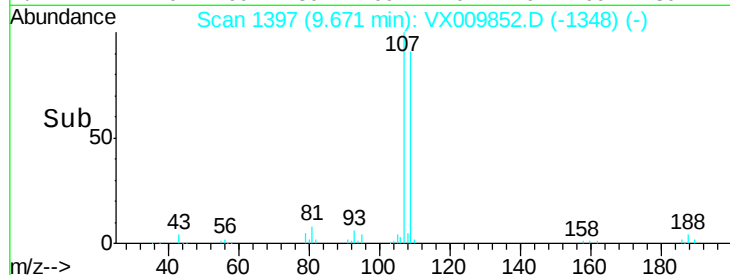
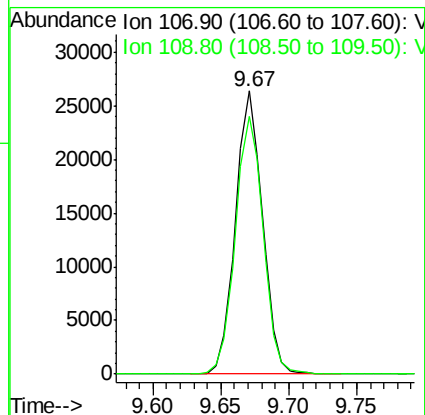
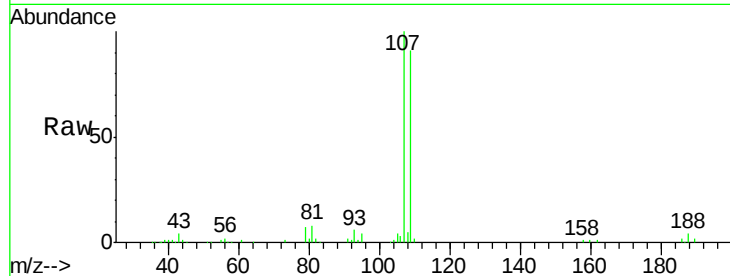
109 93.4 75.2 112.8

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#62

4-Bromofluorobenzene

Concen: 44.865 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009852.D

Acq: 23 May 2019 12:47

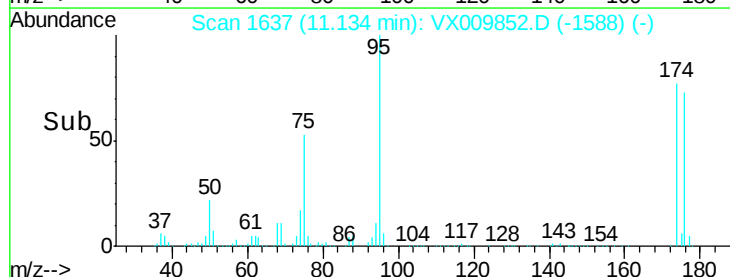
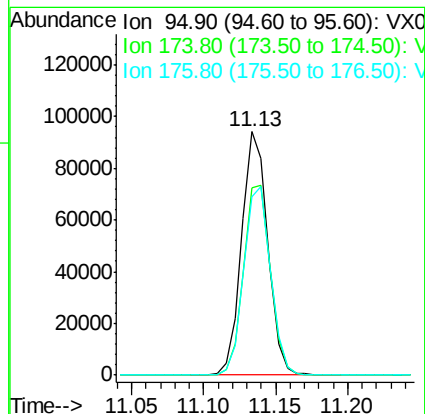
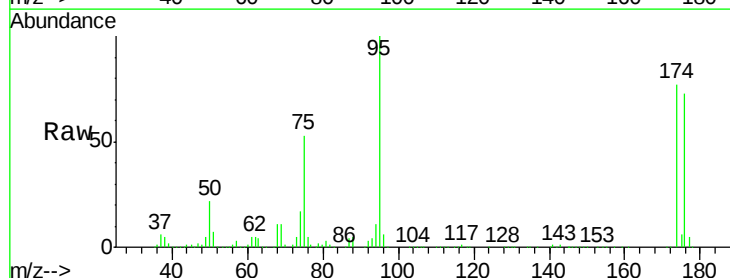
Tgt Ion: 95 Resp: 118384

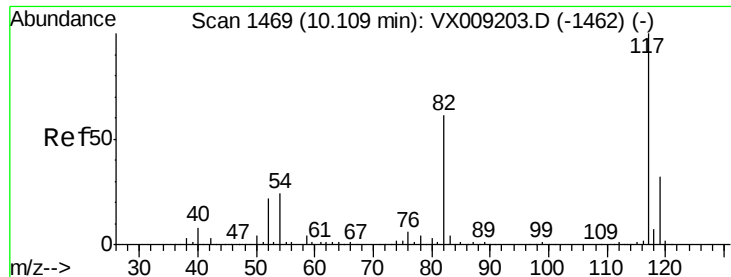
Ion Ratio Lower Upper

95 100

174 80.3 0.0 161.6

176 79.4 0.0 159.2





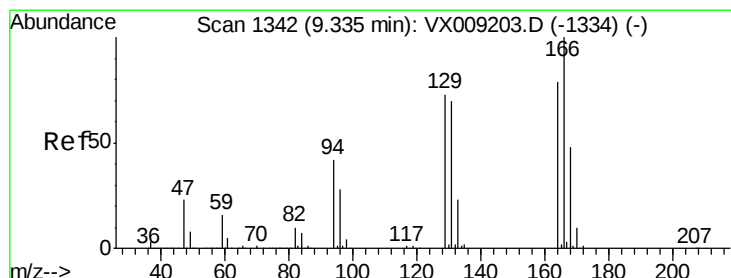
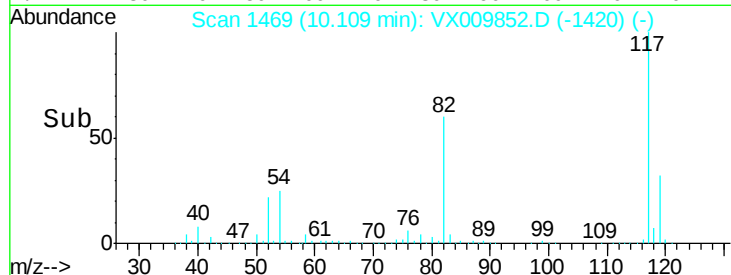
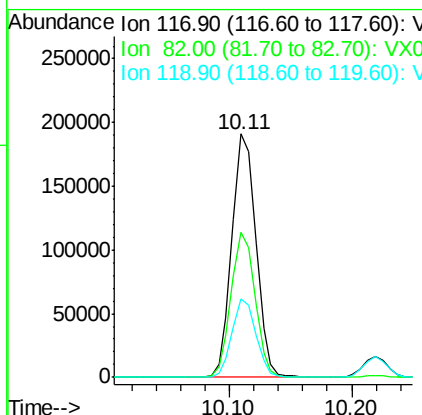
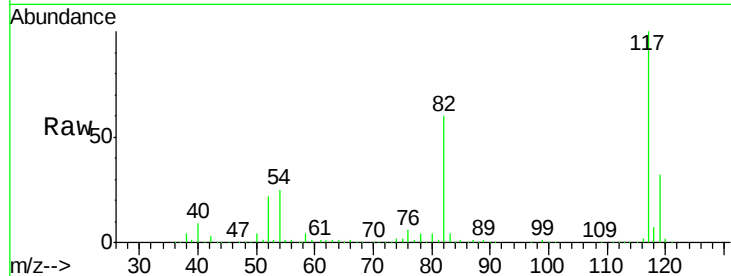
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009852.D
Acq: 23 May 2019 12:47

Instrument :
MSVOA_X
ClientSampleId :
VX0523WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.7	48.8	73.2
119	32.3	25.8	38.6

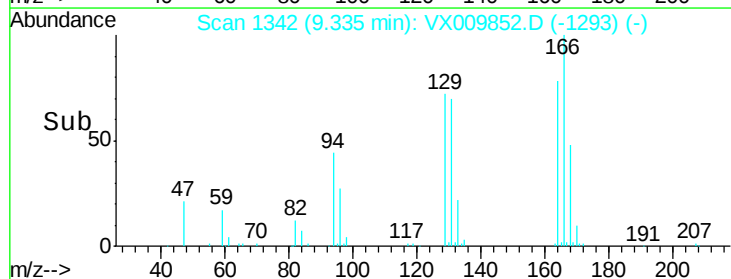
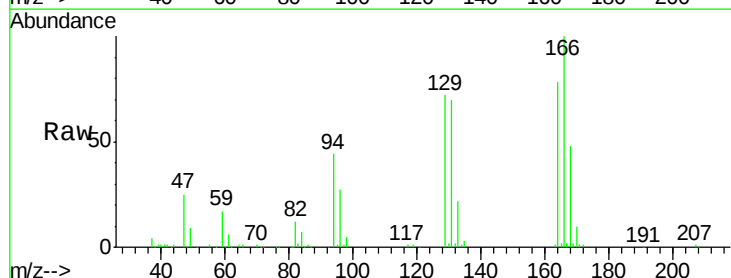
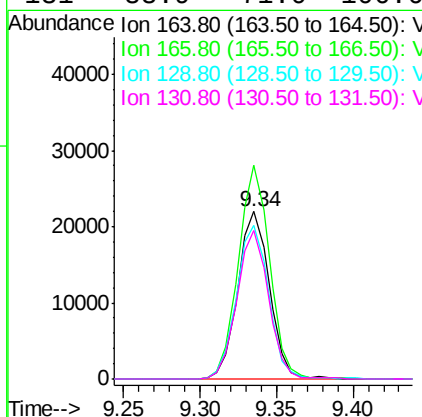
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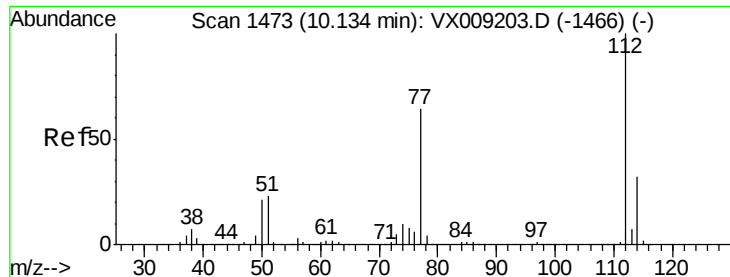
MMDadoda
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#64
Tetrachloroethene
Concen: 17.651 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009852.D
Acq: 23 May 2019 12:47

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.8	101.2	151.8
129	91.9	74.3	111.5
131	88.9	71.0	106.6





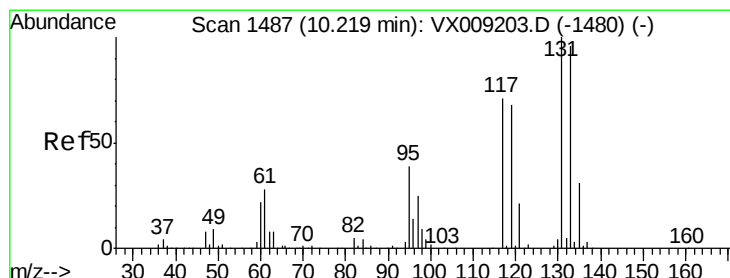
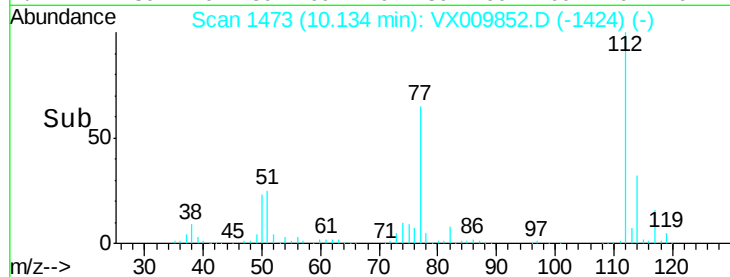
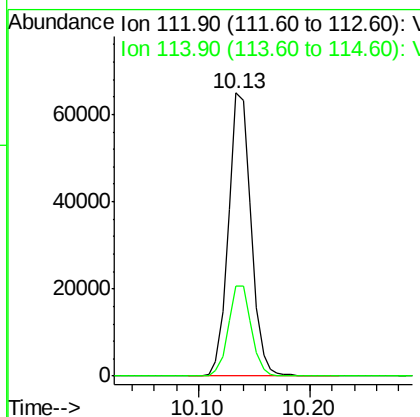
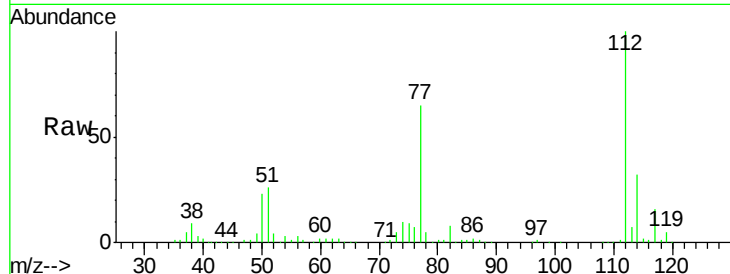
#65
Chlorobenzene
Concen: 17.494 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX009852.D
Acq: 23 May 2019 12:47

Instrument :
MSVOA_X
ClientSampleId :
VX0523WBS01

Tot Ion:112 Resp: 91204
Ion Ratio Lower Upper
112 100
114 31.8 25.5 38.3

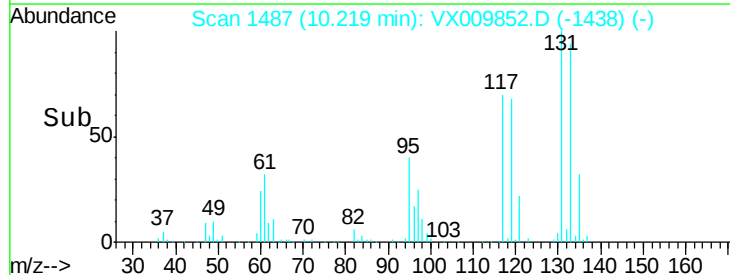
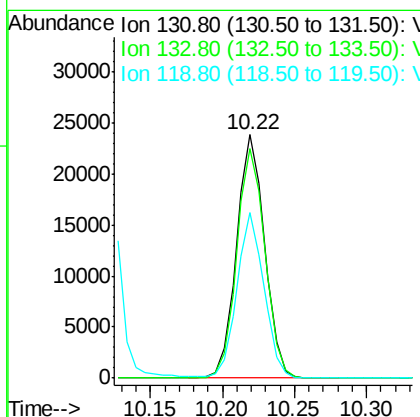
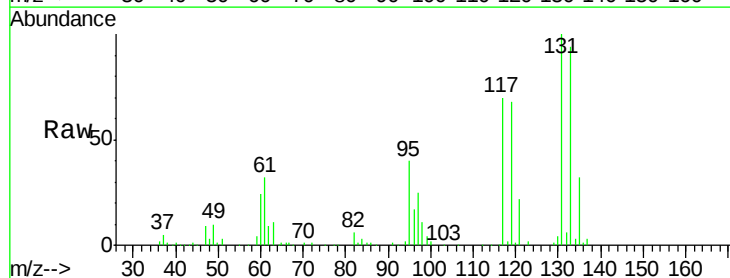
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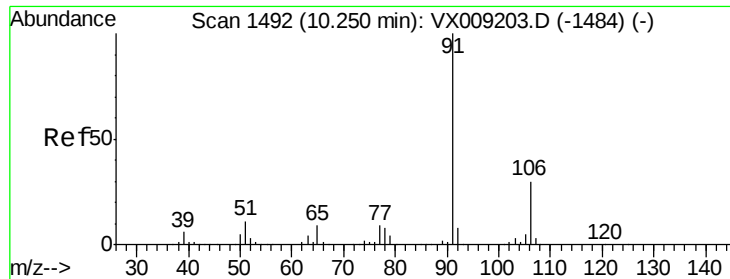
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#66
1,1,1,2-Tetrachloroethane
Concen: 17.035 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX009852.D
Acq: 23 May 2019 12:47

Tgt Ion:131 Resp: 32198
Ion Ratio Lower Upper
131 100
133 95.1 47.7 143.1
119 65.9 33.5 100.4





#67

Ethyl Benzene

Concen: 17.668 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX009852.D

Acq: 23 May 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

VX0523WBS01

Tot Ion: 91 Resp: 169516

Ion Ratio Lower Upper

91 100

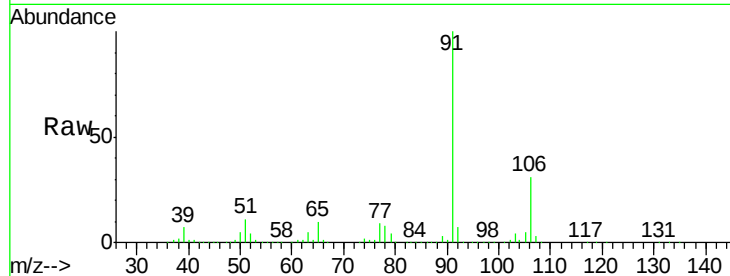
106 30.5 24.0 36.0

Manual Integrations

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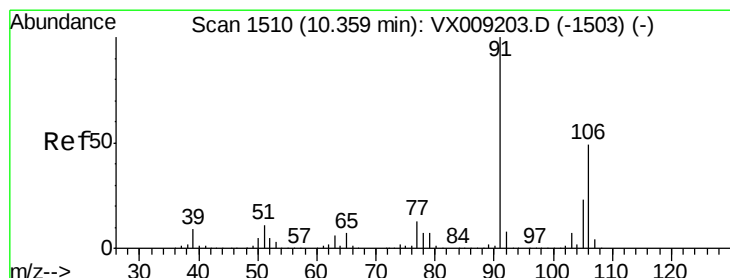
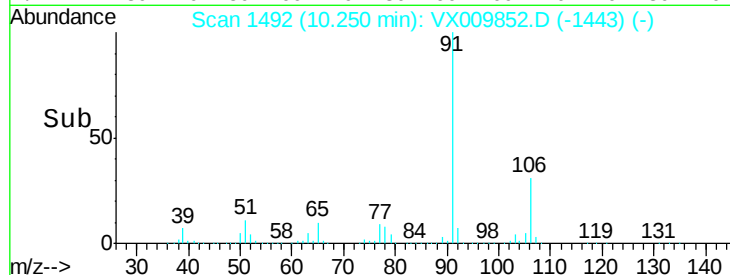
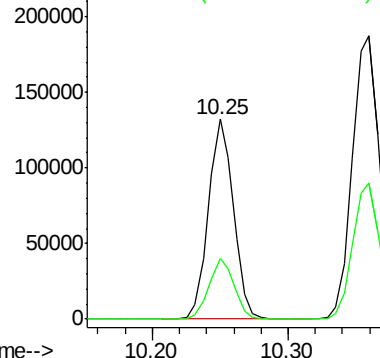
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 35.225 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX009852.D

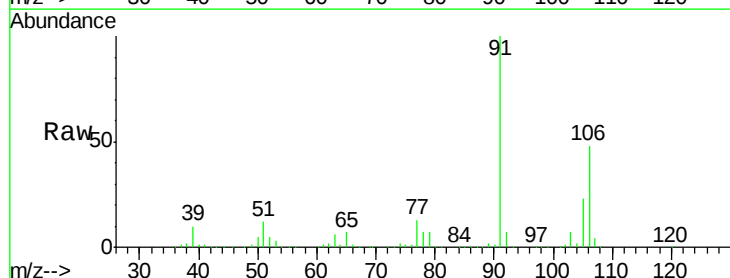
Acq: 23 May 2019 12:47

Tgt Ion: 106 Resp: 123504

Ion Ratio Lower Upper

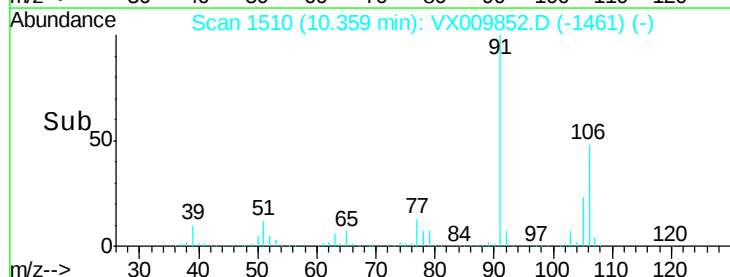
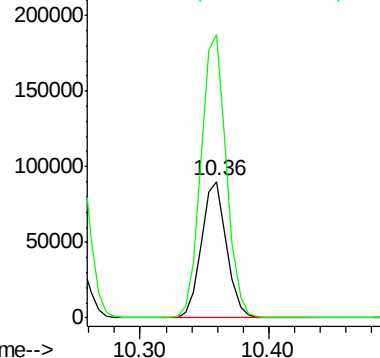
106 100

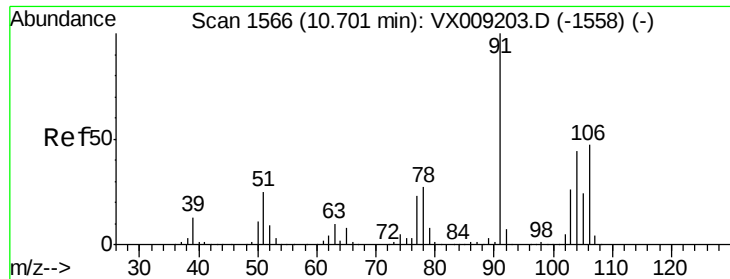
91 209.9 164.0 246.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





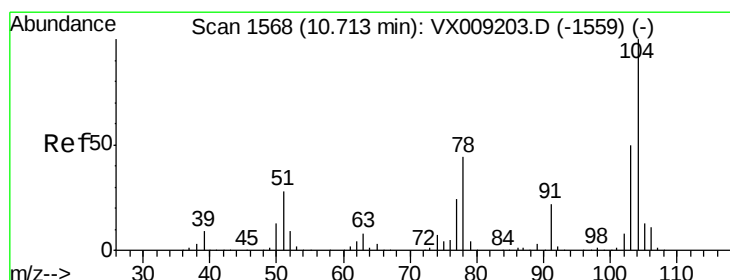
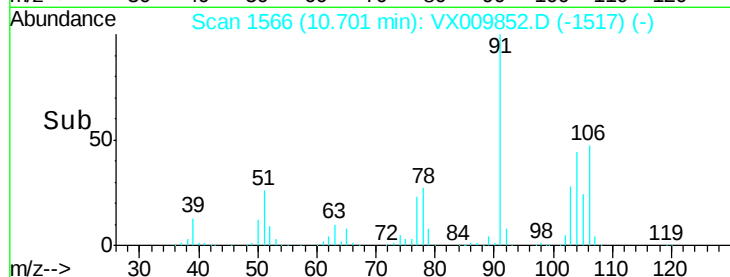
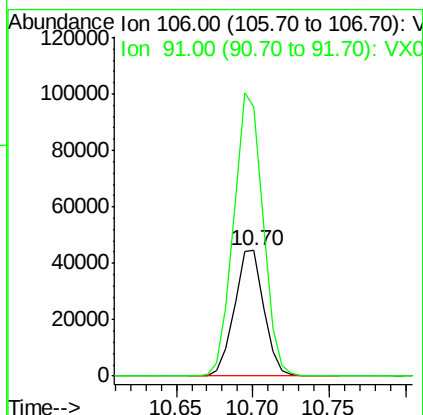
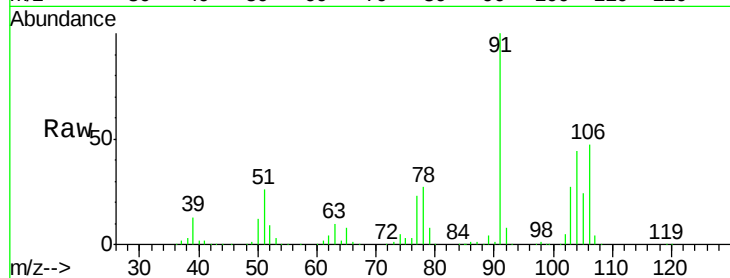
#69
o-Xylene
Concen: 17.150 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX009852.D
Acq: 23 May 2019 12:47

Instrument :
MSVOA_X
ClientSampleId :
VX0523WBS01

Tot Ion:106 Resp: 59327
Ion Ratio Lower Upper
106 100
91 225.0 109.5 328.4

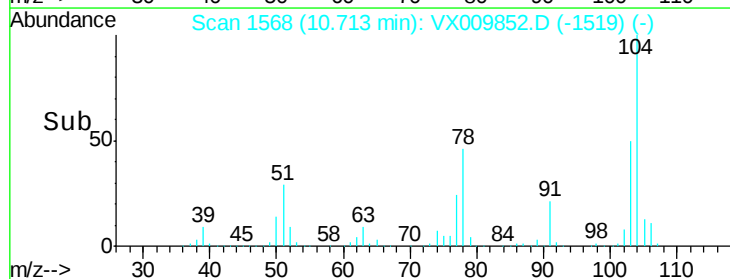
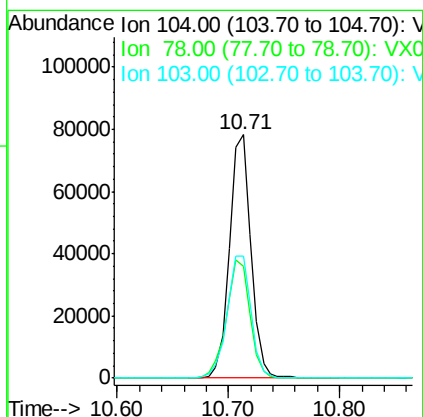
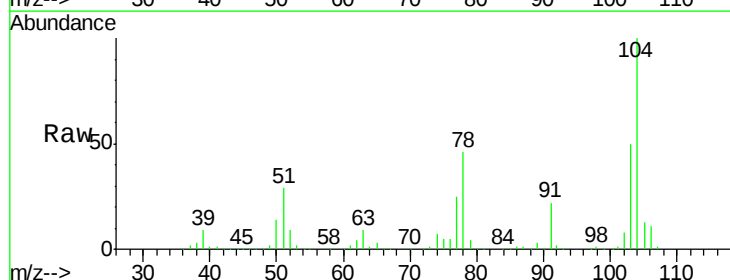
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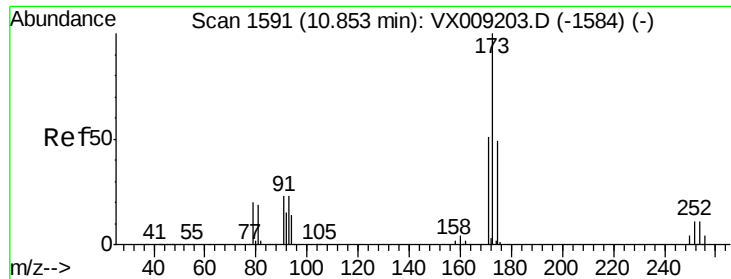
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#70
Styrene
Concen: 17.374 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX009852.D
Acq: 23 May 2019 12:47

Tgt Ion:104 Resp: 104464
Ion Ratio Lower Upper
104 100
78 53.2 41.0 61.4
103 56.0 43.8 65.6





#71

Bromoform

Concen: 16.390 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX009852.D

Acq: 23 May 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

VX0523WBS01

Tot Ion:173 Resp: 25174

Ion Ratio Lower Upper

173 100

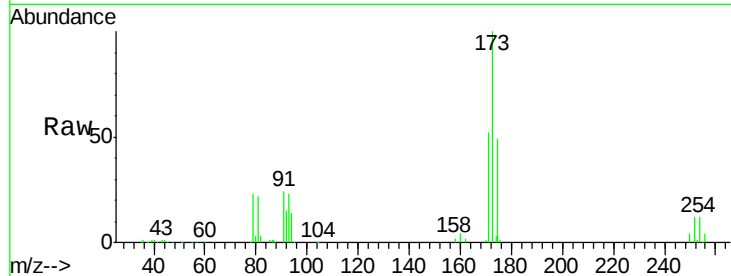
175 48.9 24.5 73.5

254 0.2 0.1 0.1#

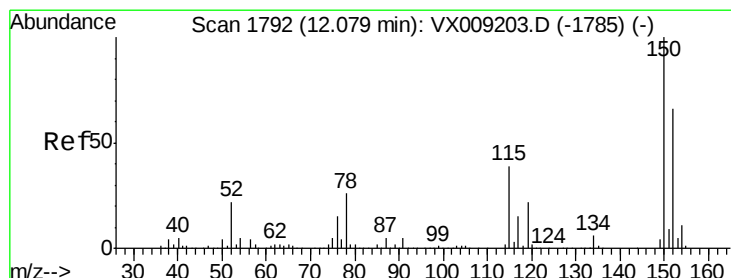
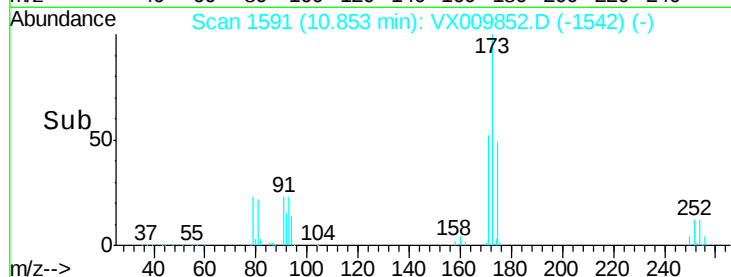
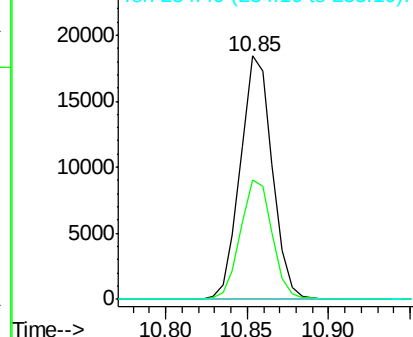
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009852.D

Acq: 23 May 2019 12:47

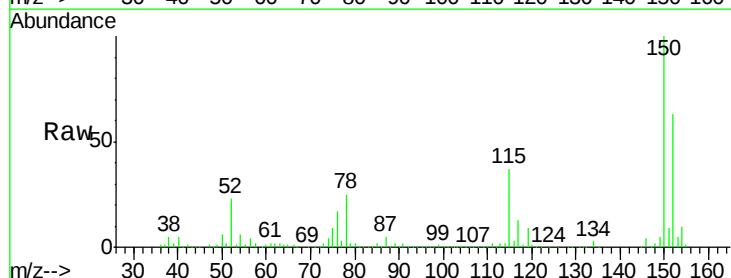
Tgt Ion:152 Resp: 125490

Ion Ratio Lower Upper

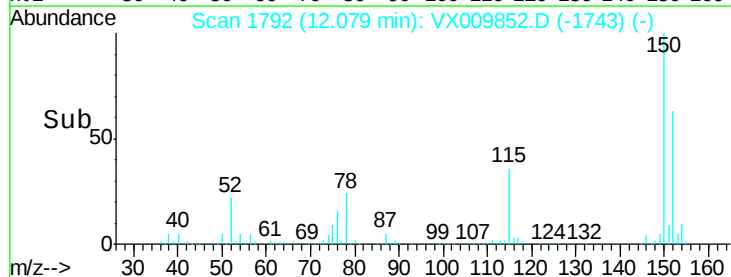
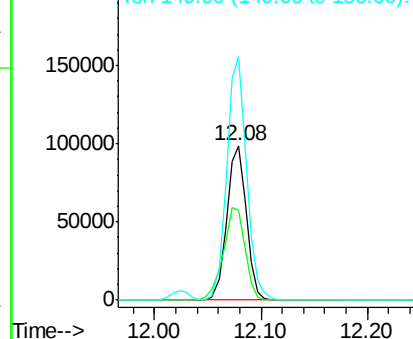
152 100

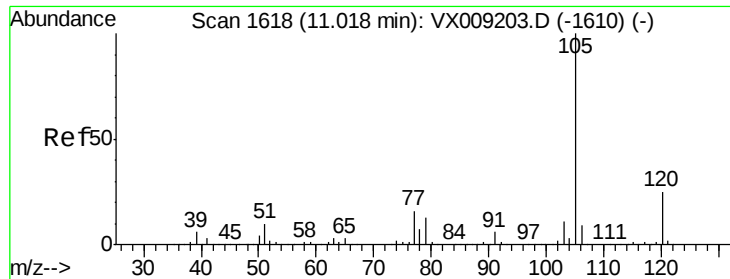
115 66.8 41.2 123.6

150 161.4 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 17.821 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009852.D

Acq: 23 May 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

VX0523WBS01

Tot Ion: 105 Resp: 162628

Ion Ratio Lower Upper

105 100

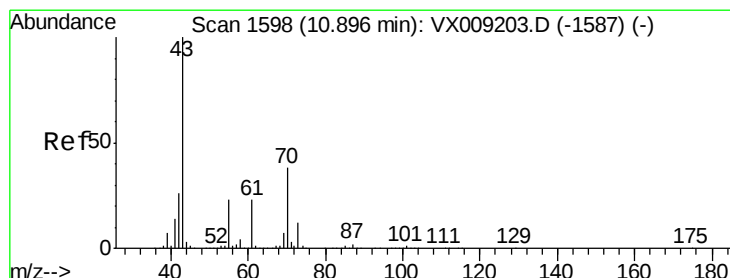
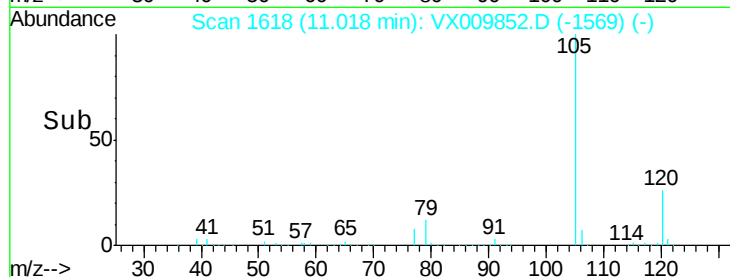
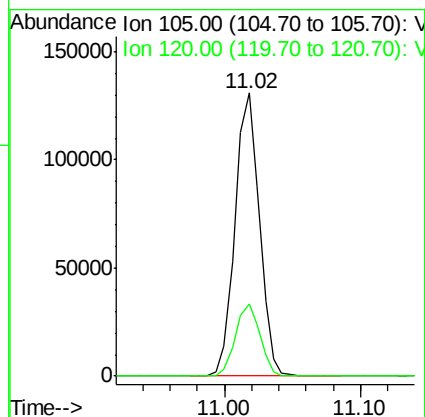
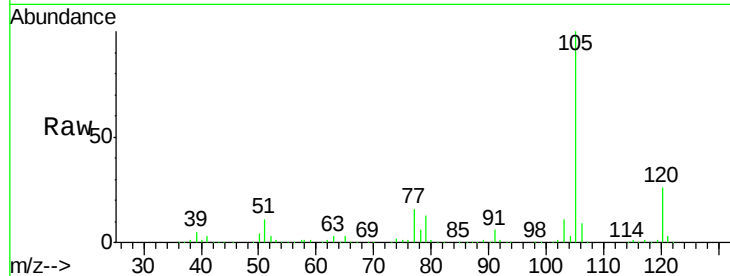
120 25.7 12.8 38.3

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#74

N-ethyl acetate

Concen: 18.351 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009852.D

Acq: 23 May 2019 12:47

Tgt Ion: 43 Resp: 97633

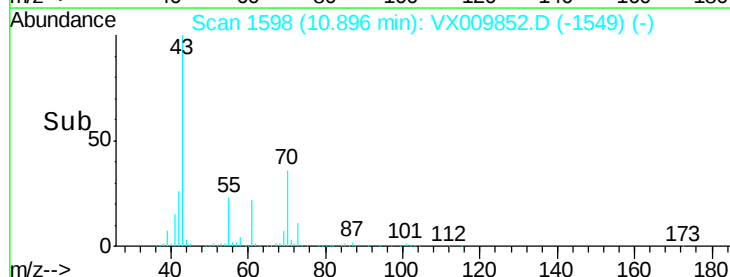
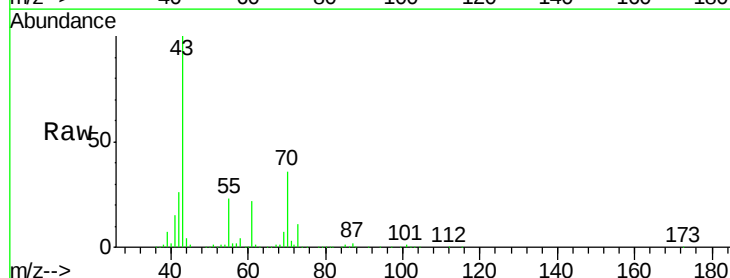
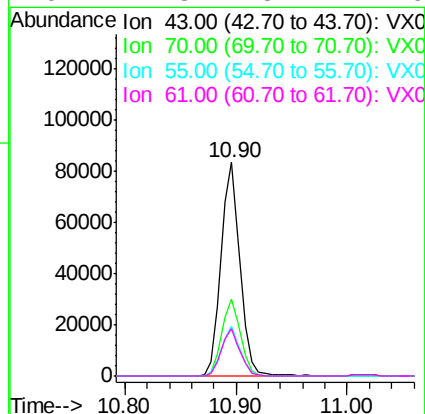
Ion Ratio Lower Upper

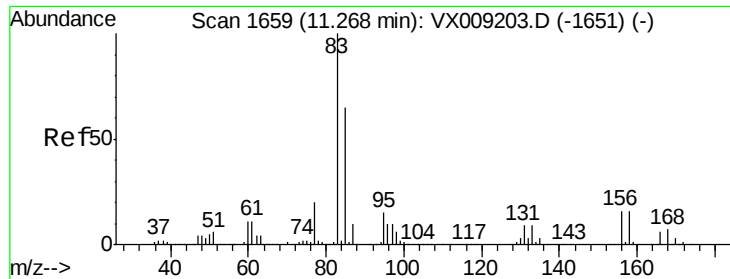
43 100

70 36.3 30.0 45.0

55 22.9 17.9 26.9

61 21.8 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 17.814 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX009852.D

Acq: 23 May 2019 12:47

Instrument :

MSVOA_X

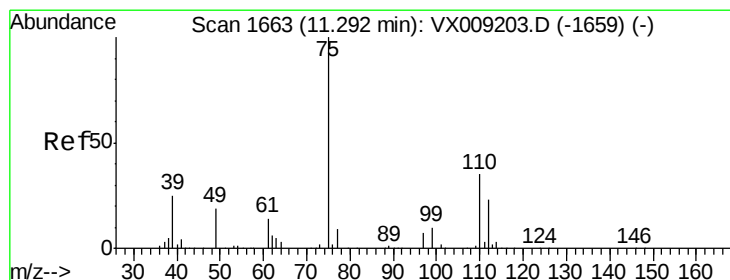
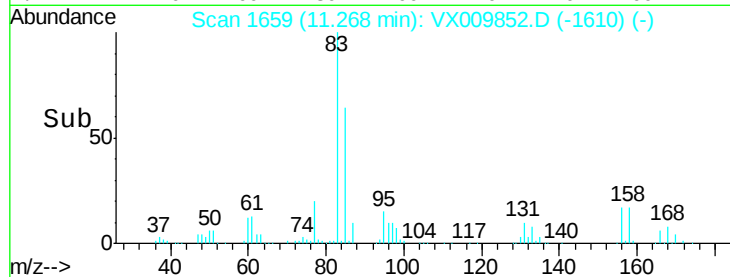
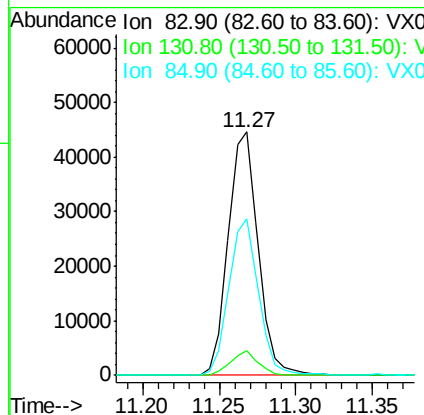
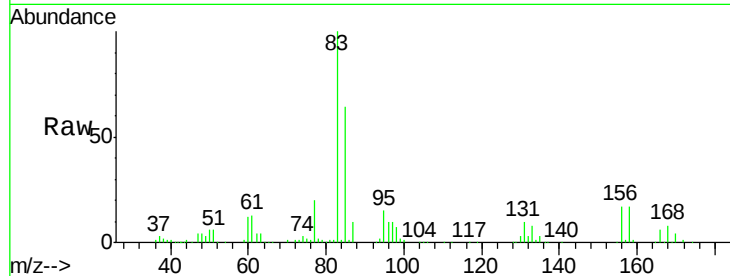
ClientSampleId :

VX0523WBS01

Tot Ion:	83	Resp:	60600
Ion Ratio	Lower	Upper	
83	100		
131	9.3	4.6	13.8
85	63.7	32.0	96.2

Manual Integrations
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5/24/2019 9:01:51 AM



#76

1,2,3-Trichloropropane

Concen: 17.951 ug/l m

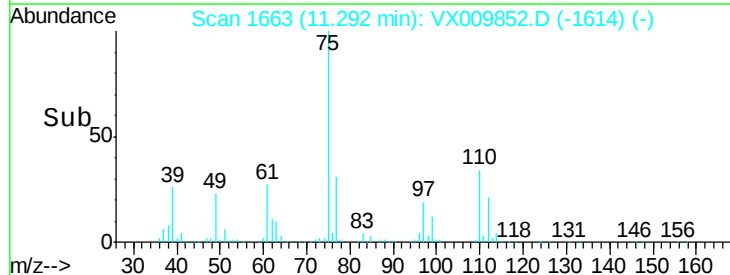
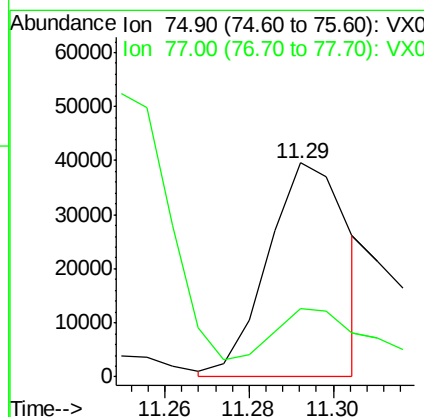
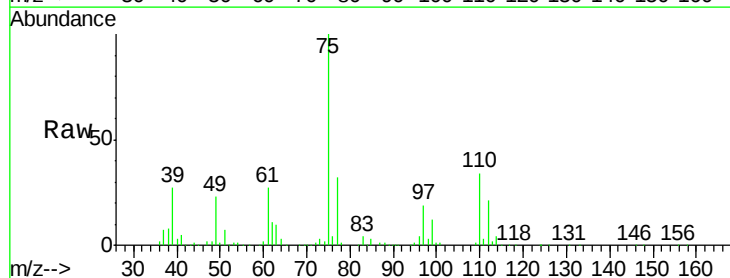
RT: 11.29 min Scan# 1663

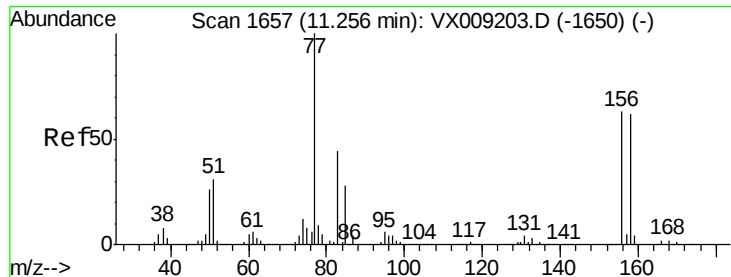
Delta R.T. -0.00 min

Lab File: VX009852.D

Acq: 23 May 2019 12:47

Tgt Ion:	75	Resp:	52255
Ion Ratio	Lower	Upper	
75	100		
77	42.8	22.1	66.1





#77

Bromobenzene

Concen: 17.831 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX009852.D

Acq: 23 May 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

VX0523WBS01

Tot Ion:156 Resp: 40388

Ion Ratio Lower Upper

156 100

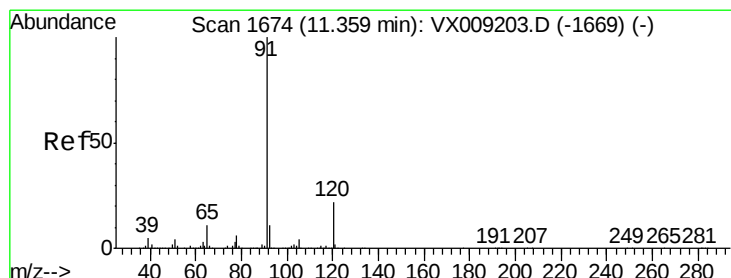
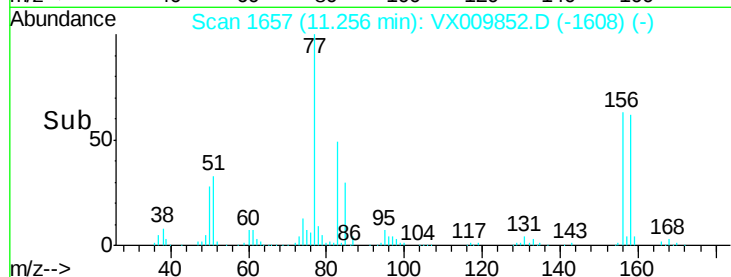
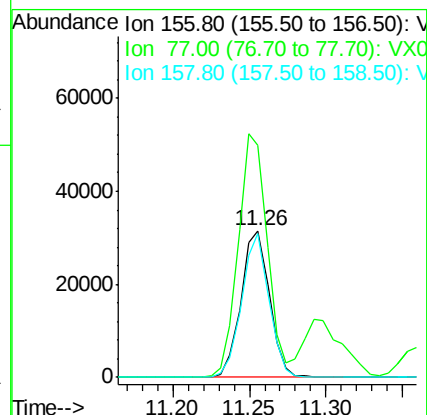
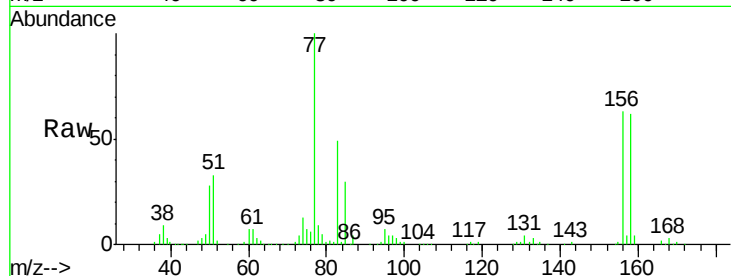
77 170.2 84.8 254.3

158 94.8 49.1 147.3

Manual Integrations
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#78

n-propylbenzene

Concen: 17.936 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009852.D

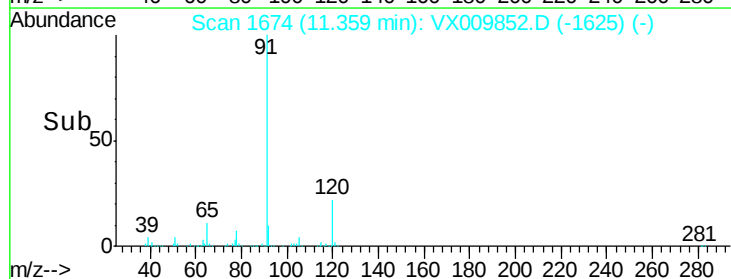
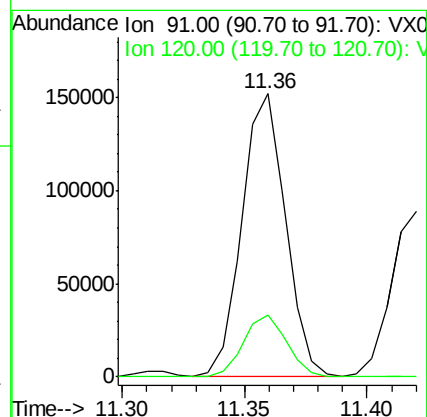
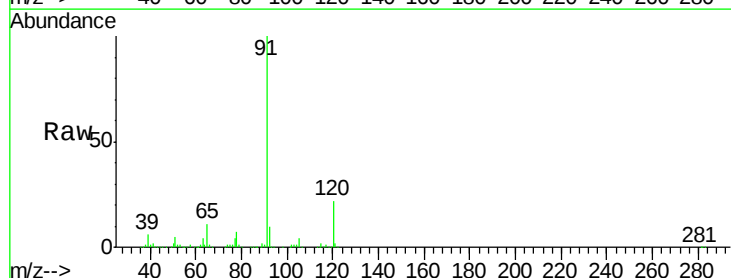
Acq: 23 May 2019 12:47

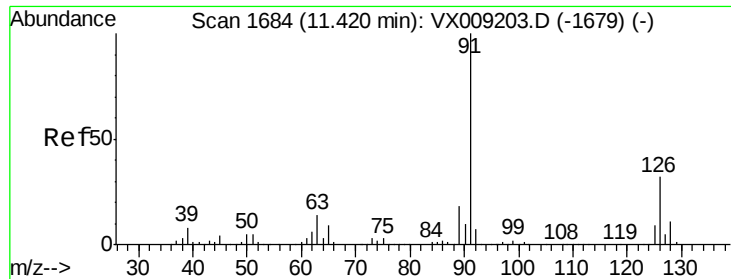
Tgt Ion: 91 Resp: 186923

Ion Ratio Lower Upper

91 100

120 21.9 11.0 33.0





#79

2-Chlorotoluene

Concen: 17.309 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX009852.D

Acq: 23 May 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

VX0523WBS01

Tot Ion: 91 Resp: 111294

Ion Ratio Lower Upper

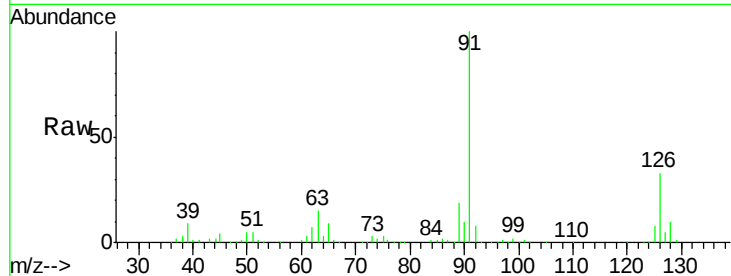
91 100

126 32.7 16.3 48.9

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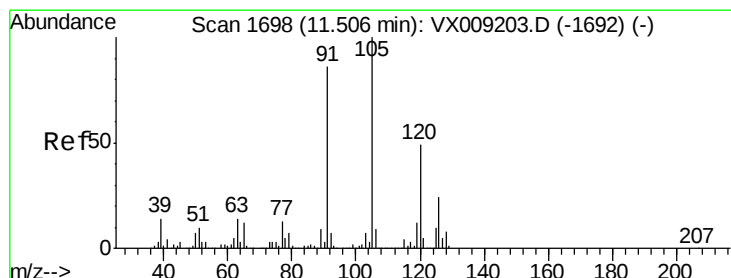
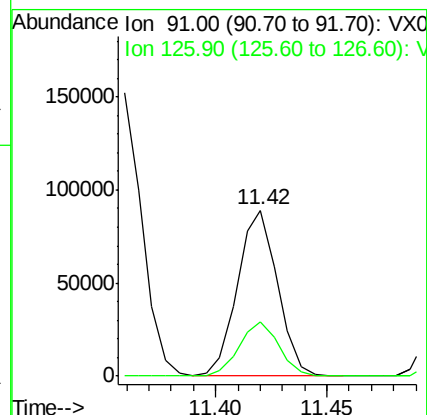
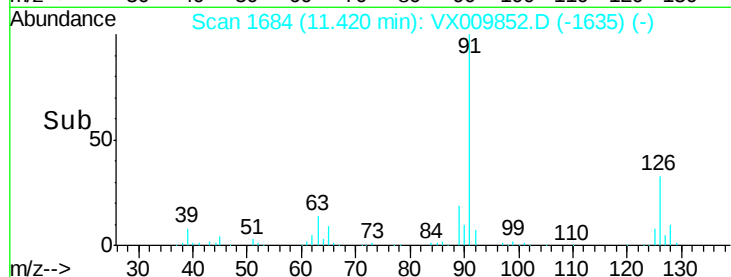
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Abundance Ion 91.00 (90.70 to 91.70): VX009852.D (-1635) (-)

Ion 125.90 (125.60 to 126.60): VX009852.D (-1635) (-)



#80

1,3,5-Trimethylbenzene

Concen: 17.768 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009852.D

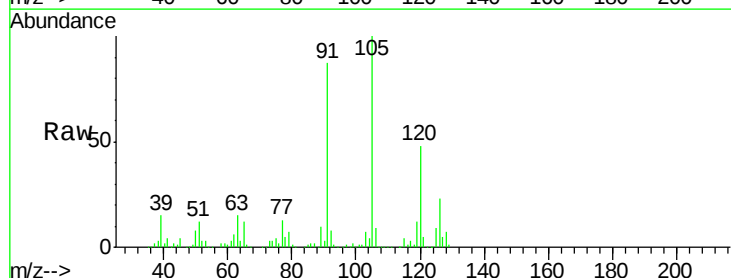
Acq: 23 May 2019 12:47

Tgt Ion: 105 Resp: 136522

Ion Ratio Lower Upper

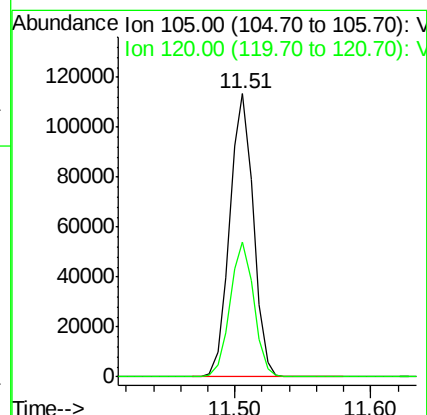
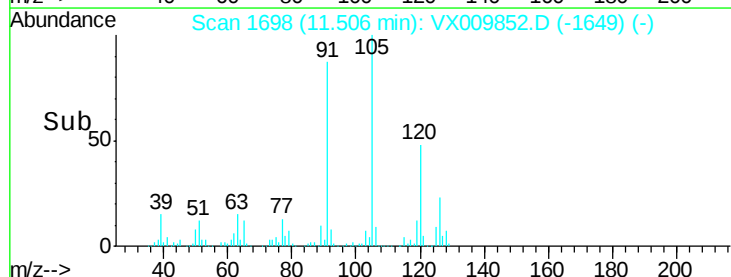
105 100

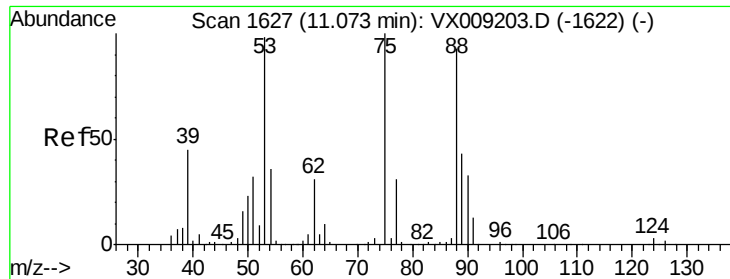
120 48.0 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): VX009852.D (-1649) (-)

Ion 120.00 (119.70 to 120.70): VX009852.D (-1649) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 16.156 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX009852.D

Acq: 23 May 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

VX0523WBS01

Tot Ion: 75 Resp: 18380

Ion Ratio Lower Upper

75 100

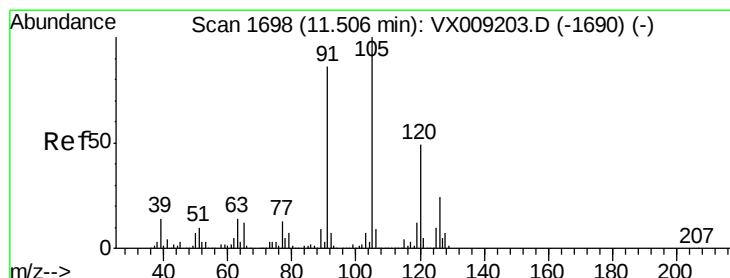
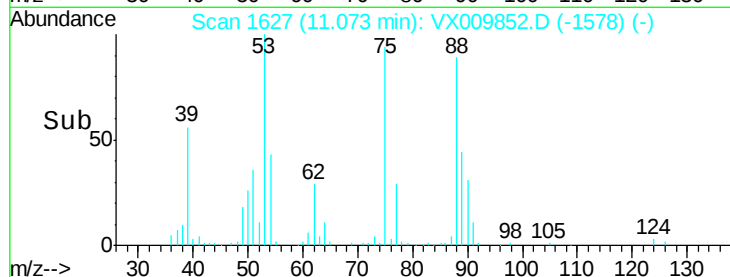
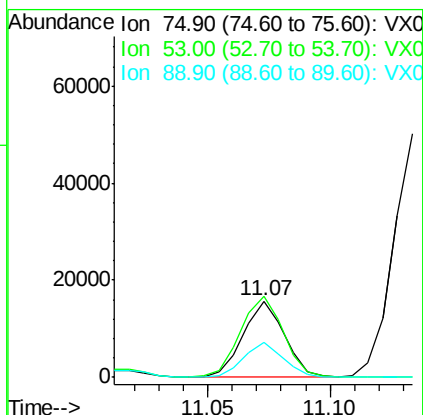
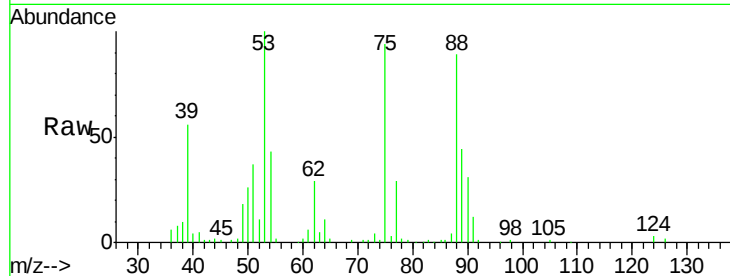
53 113.5 79.0 118.6

89 45.6 34.7 52.1

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#82

4-Chlorotoluene

Concen: 17.688 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009852.D

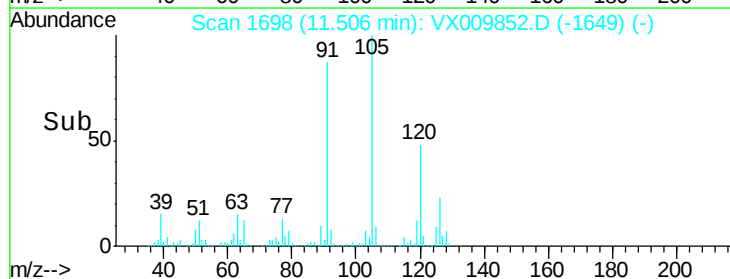
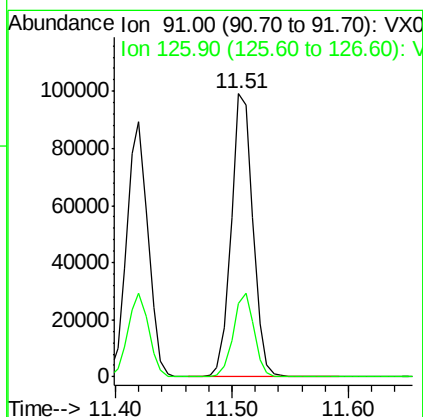
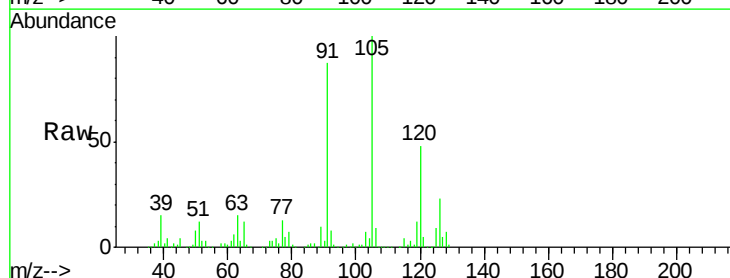
Acq: 23 May 2019 12:47

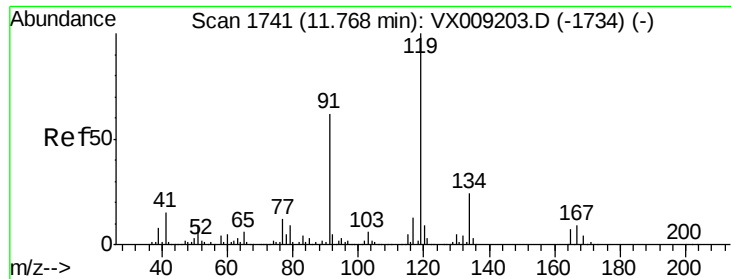
Tgt Ion: 91 Resp: 128483

Ion Ratio Lower Upper

91 100

126 28.6 14.5 43.6





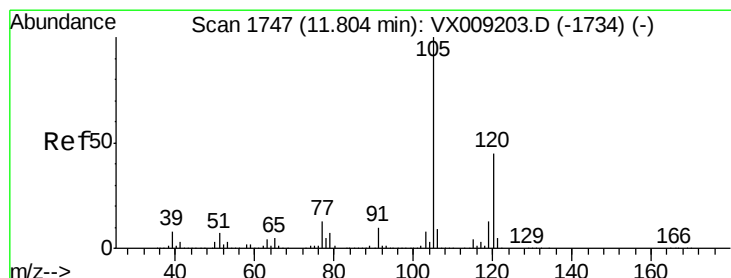
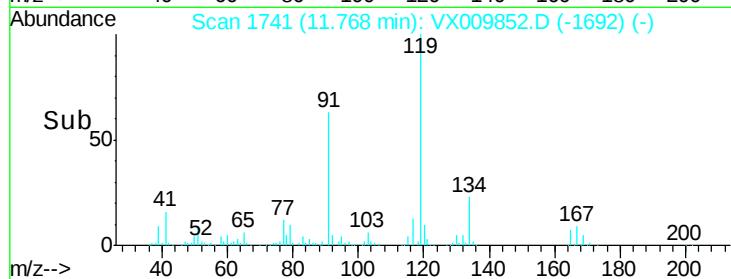
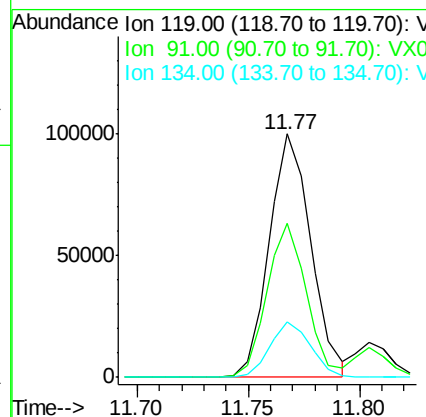
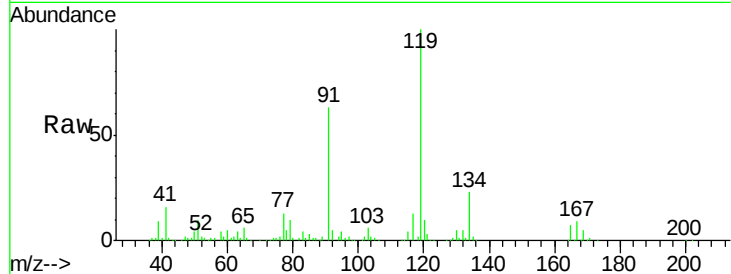
#83
tert-Butylbenzene
Concen: 17.326 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX009852.D
Acq: 23 May 2019 12:47

Instrument :
MSVOA_X
ClientSampled :
VX0523WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	129509		
91	60.4	29.5	88.5	
134	22.4	11.4	34.1	

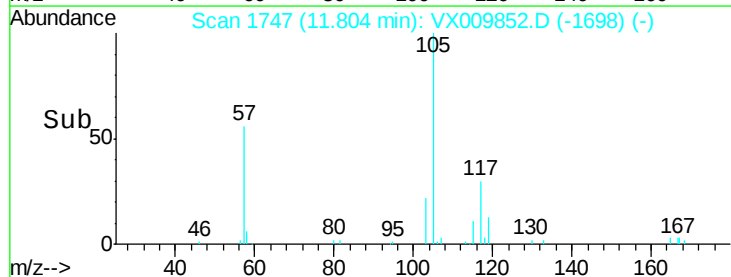
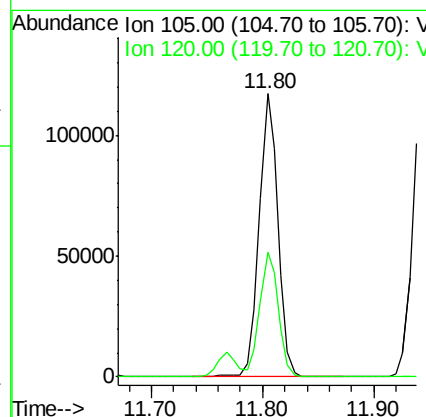
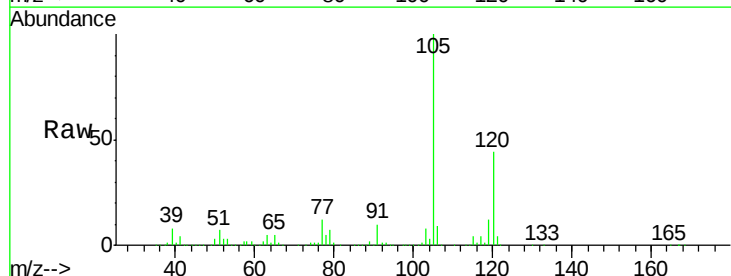
Manual Integrations
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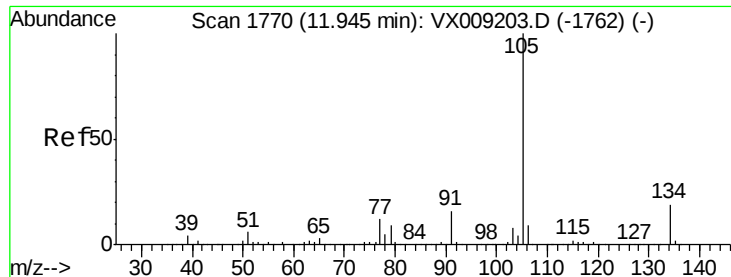
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 17.900 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX009852.D
Acq: 23 May 2019 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	138052		
120	43.5	22.0	66.0	





#85

sec-Butylbenzene

Concen: 17.689 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009852.D

Acq: 23 May 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

VX0523WBS01

Tot Ion:105 Resp: 156758

Ion Ratio Lower Upper

105 100

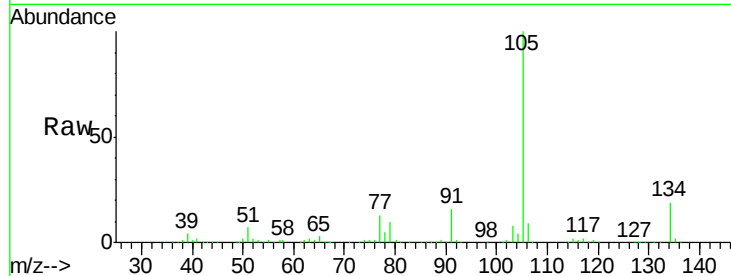
134 19.1 9.7 28.9

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

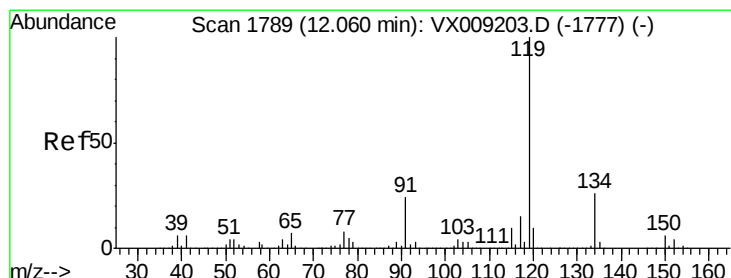
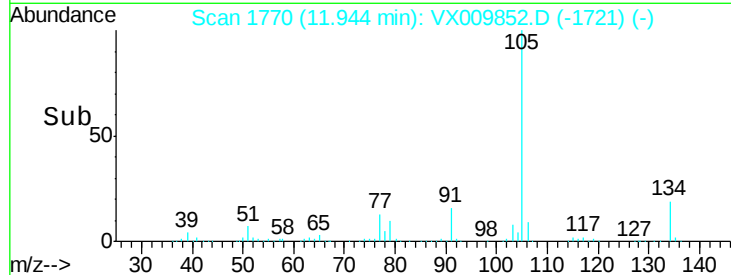
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 17.620 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009852.D

Acq: 23 May 2019 12:47

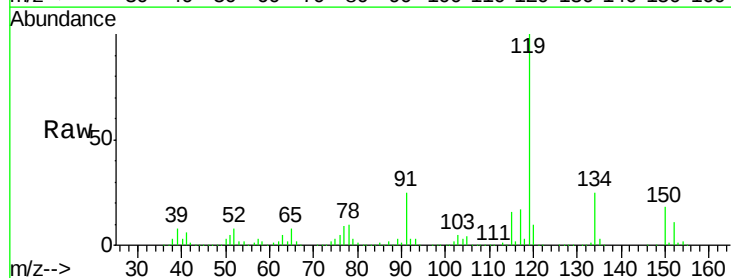
Tgt Ion:119 Resp: 140374

Ion Ratio Lower Upper

119 100

134 25.2 12.9 38.7

91 24.8 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.06

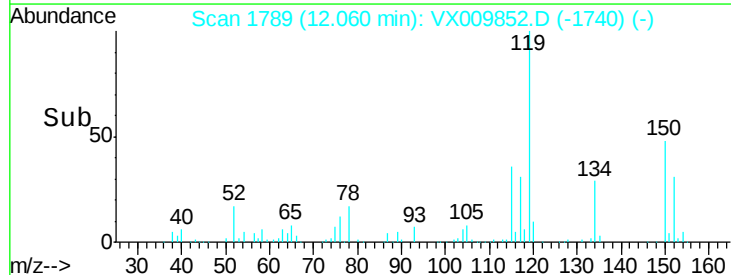
150000

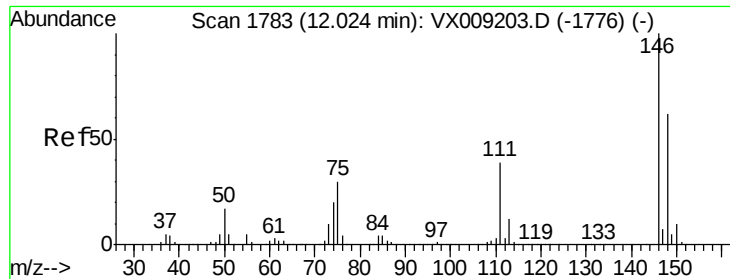
100000

50000

0

Time-->





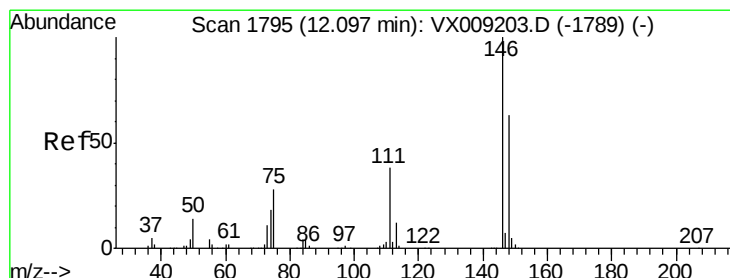
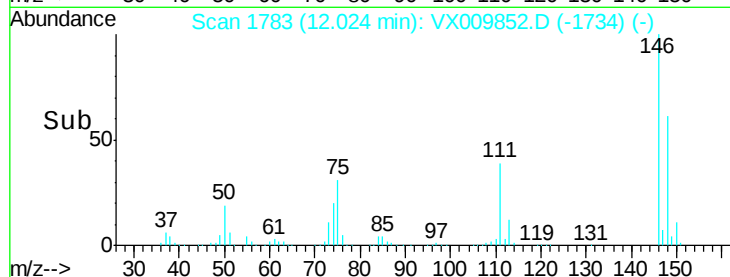
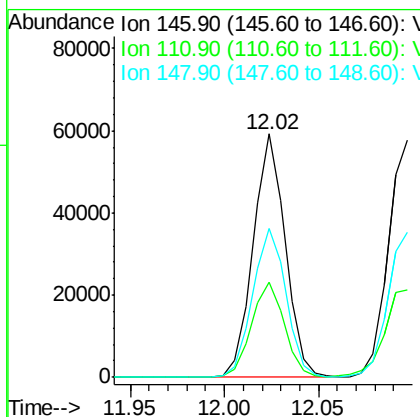
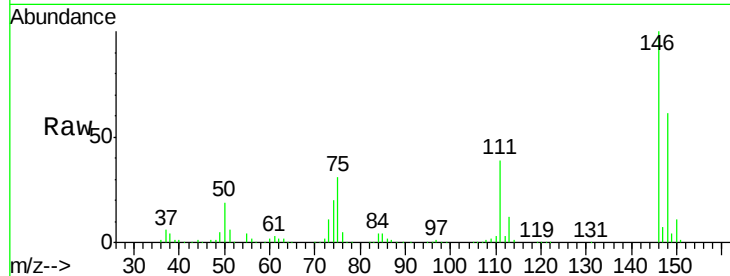
#87
 1,3-Dichlorobenzene
 Concen: 17.304 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009852.D
 Acq: 23 May 2019 12:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0523WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.0	59.9
148	63.6	31.8	95.3

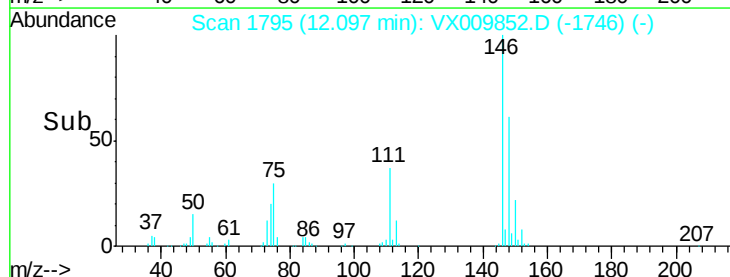
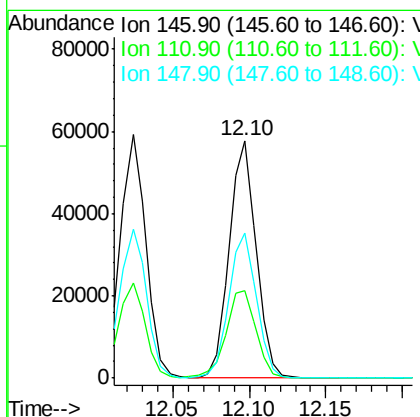
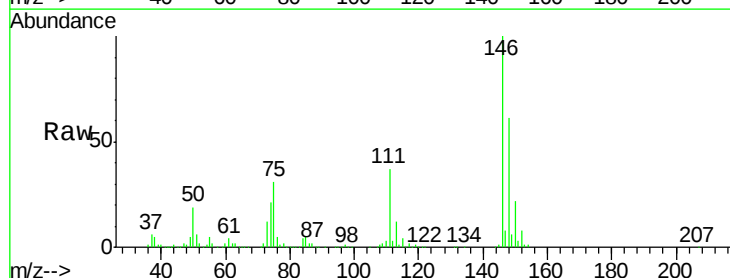
Manual Integrations
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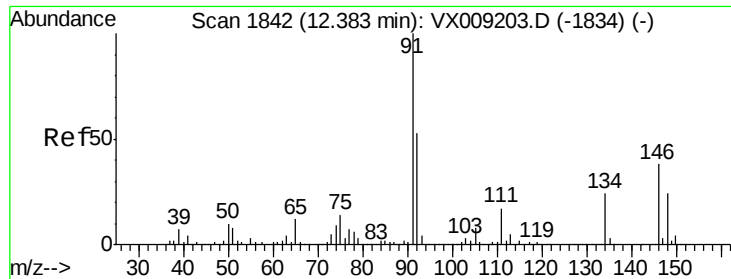
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#88
 1,4-Dichlorobenzene
 Concen: 17.312 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009852.D
 Acq: 23 May 2019 12:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.0	19.6	58.8
148	62.8	31.8	95.3





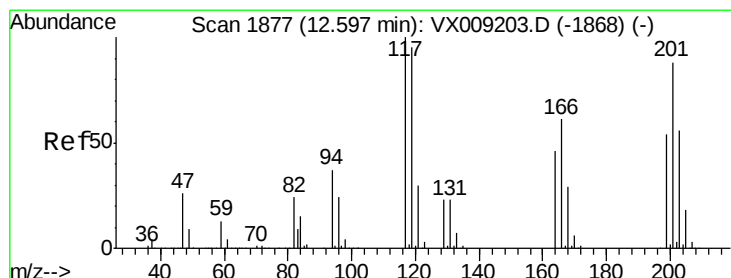
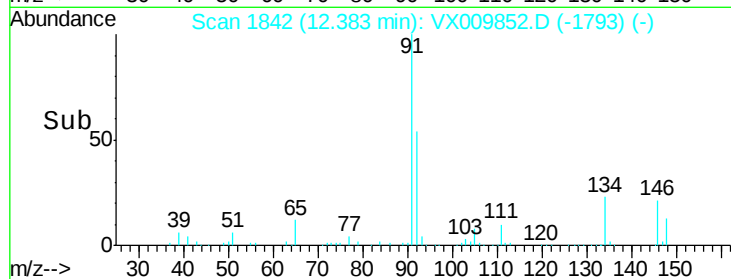
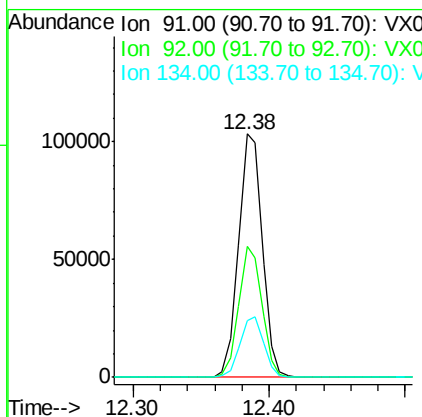
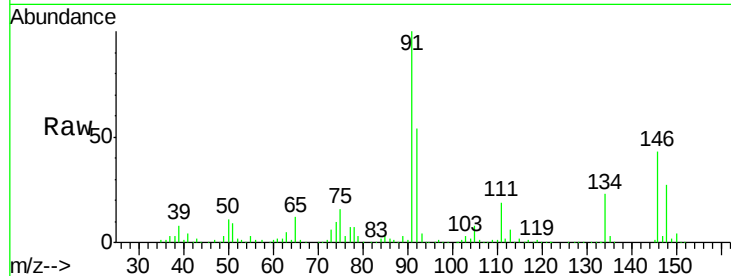
#89
n-Butylbenzene
Concen: 17.458 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX009852.D
Acq: 23 May 2019 12:47

Instrument :
MSVOA_X
ClientSampleId :
VX0523WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	52.5	26.5	79.5	
134	24.8	12.4	37.2	

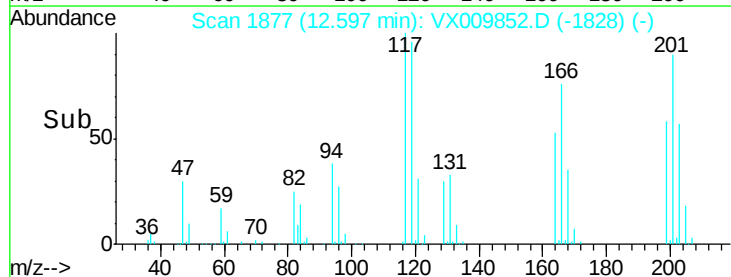
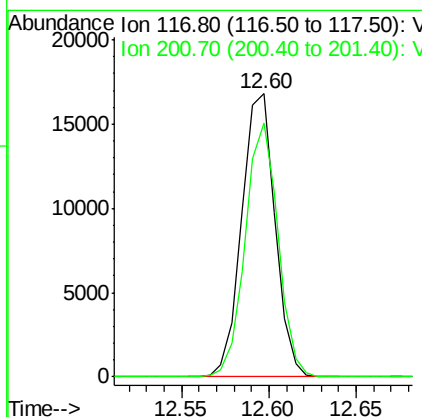
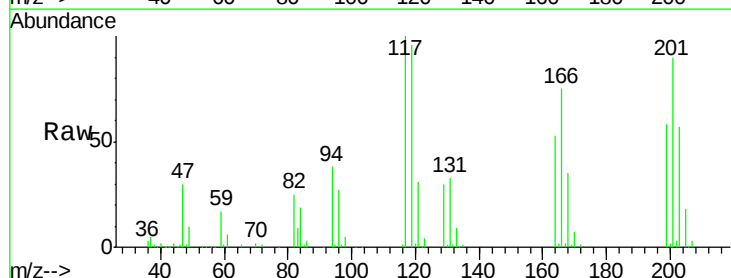
Manual Integrations
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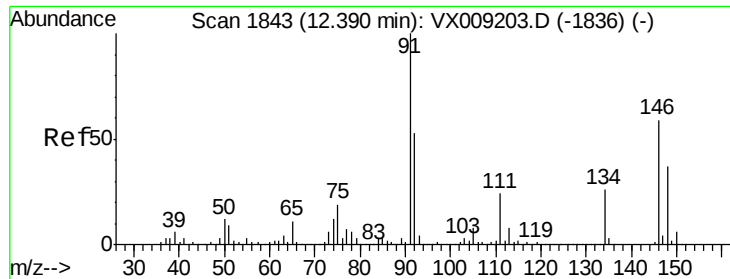
MMDadoda
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#90
Hexachloroethane
Concen: 16.419 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX009852.D
Acq: 23 May 2019 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	87.8	42.3	126.9	





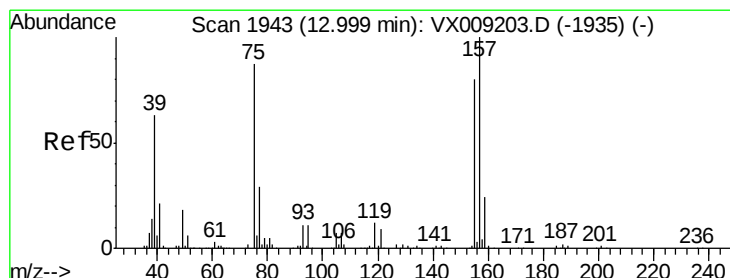
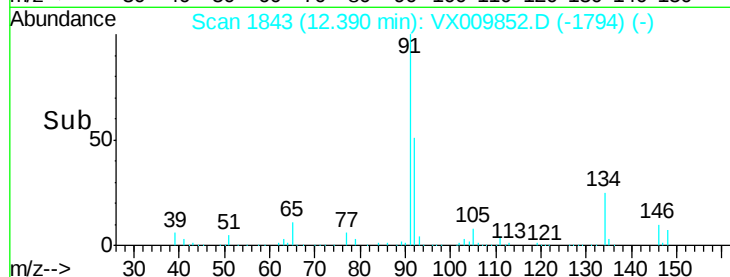
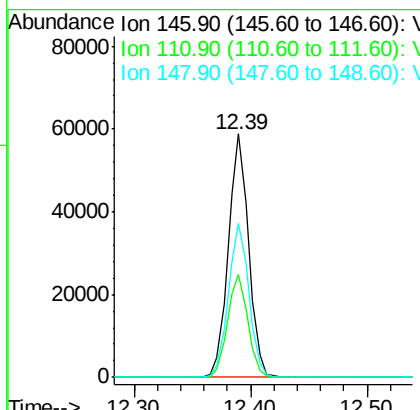
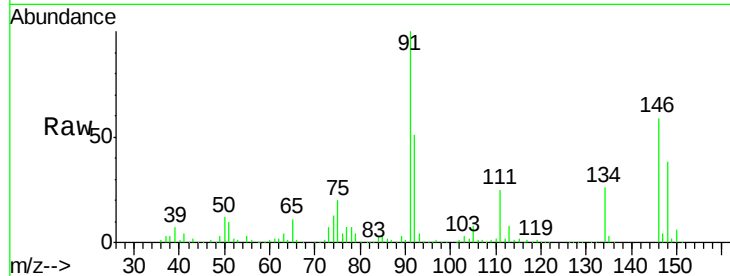
#91
 1,2-Dichlorobenzene
 Concen: 17.260 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX009852.D
 Acq: 23 May 2019 12:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0523WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	20.8	62.4
148	64.2	31.9	95.9

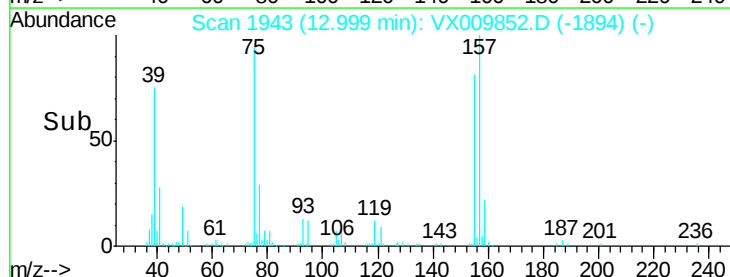
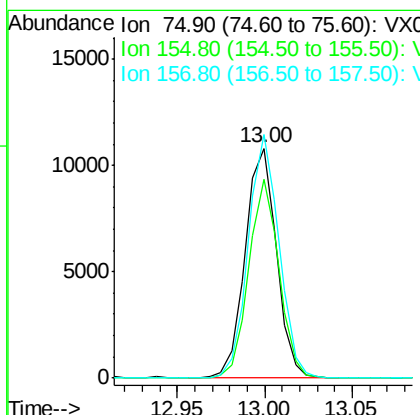
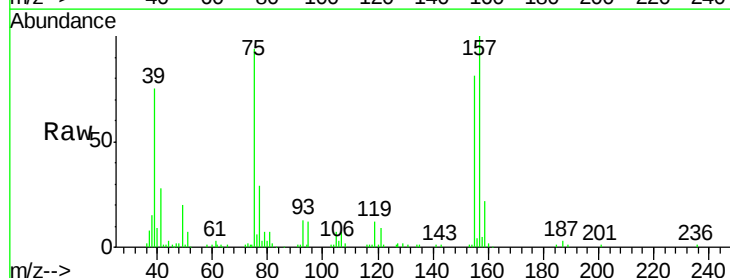
Manual Integrations
 APPROVED

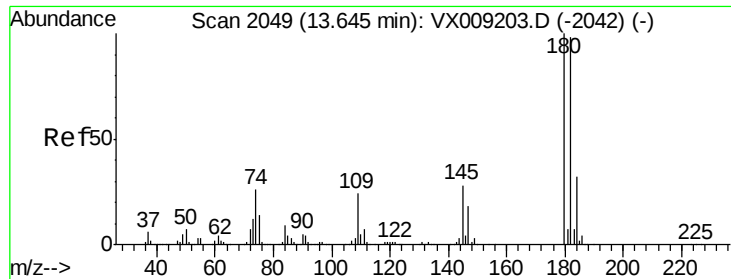
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.627 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX009852.D
 Acq: 23 May 2019 12:47

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.0	42.0	126.0
157	104.1	53.2	159.6





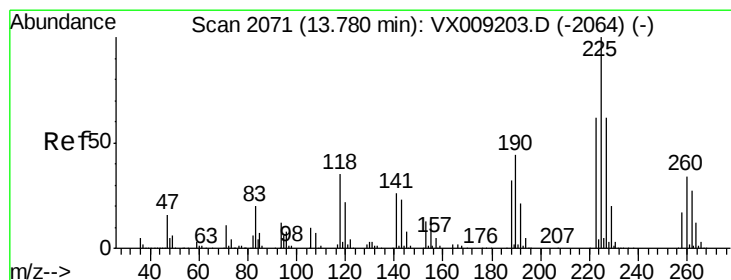
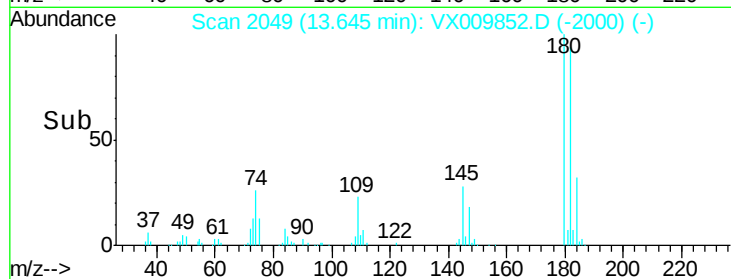
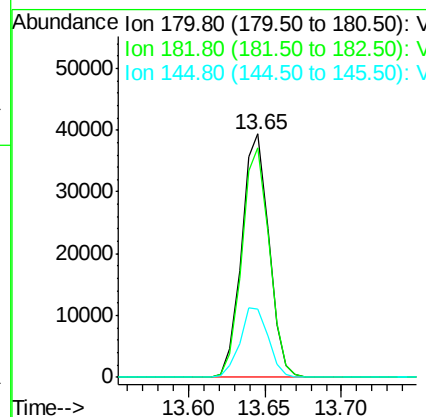
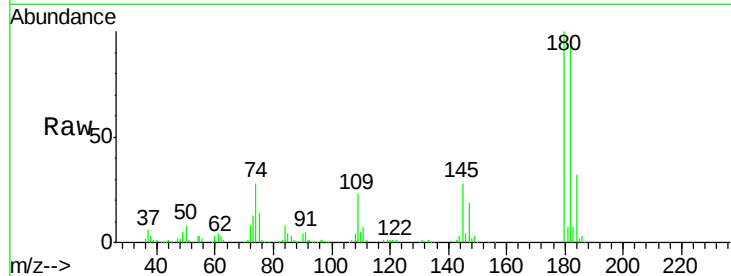
#93
 1,2,4-Trichlorobenzene
 Concen: 17.288 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009852.D
 Acq: 23 May 2019 12:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0523WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	48620		
182	94.7		48.4	145.2
145	29.5		14.6	43.8

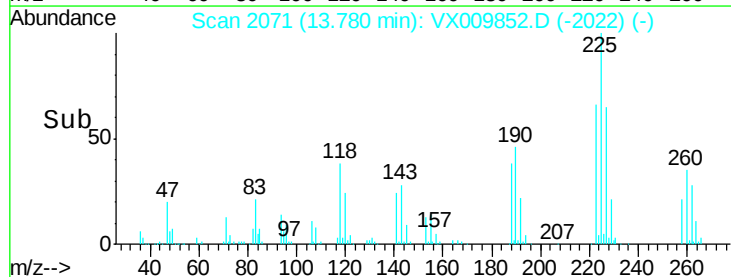
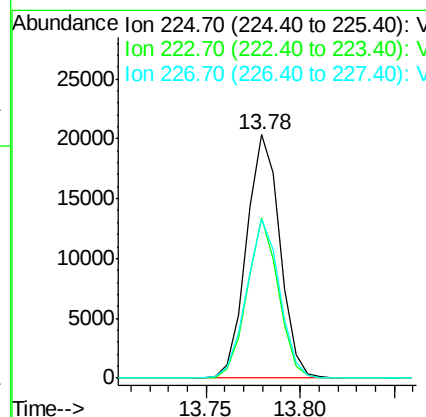
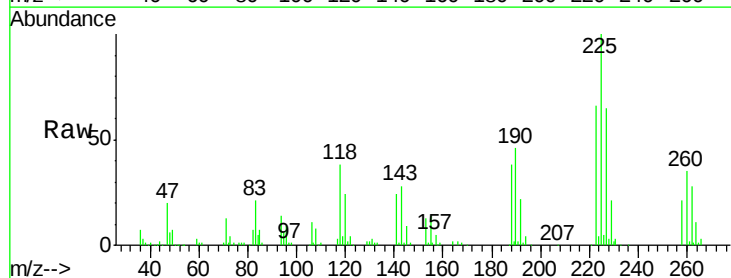
Manual Integrations
 APPROVED

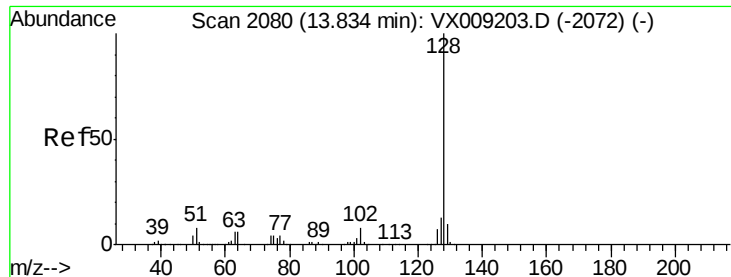
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#94
 Hexachlorobutadiene
 Concen: 17.378 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009852.D
 Acq: 23 May 2019 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	24958		
223	61.7		31.3	93.8
227	64.7		31.8	95.3





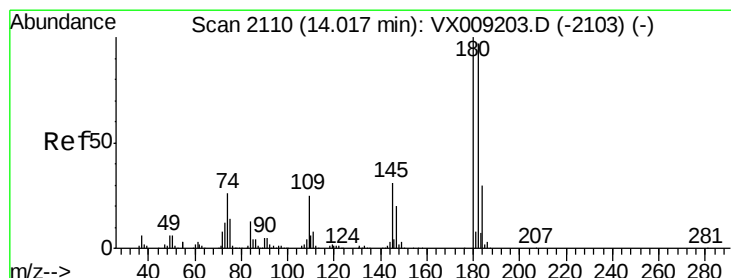
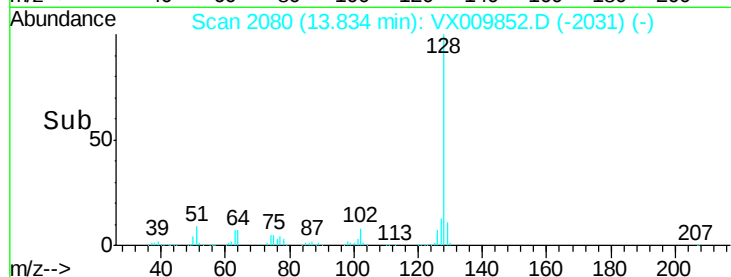
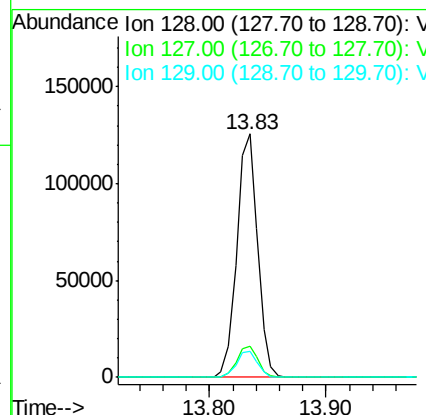
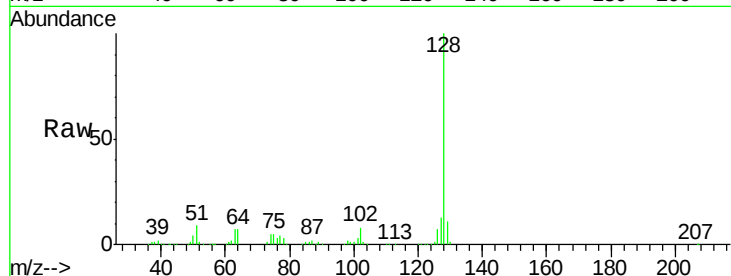
#95
Naphthalene
Concen: 17.062 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX009852.D
Acq: 23 May 2019 12:47

Instrument :
MSVOA_X
ClientSampleId :
VX0523WBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	156117		
127	13.2		10.4	15.6
129	10.9		8.6	13.0

Manual Integrations
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5/24/2019 9:01:51 AM



#96
1,2,3-Trichlorobenzene
Concen: 17.497 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX009852.D
Acq: 23 May 2019 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	49879		
182	94.4		47.8	143.4
145	30.7		15.4	46.4

