

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042619\
 Data File : VX009181.D
 Acq On : 26 Apr 2019 11:52
 Operator : JC/SP
 Sample : VX0426WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0426WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/29/2019 11:25:05 AM

Quant Time: Apr 27 04:23:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	202438	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	321206	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	289234	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	140181	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	123002	43.11	ug/l	0.00
Spiked Amount 50.000			Recovery =	86.22%		
35) Dibromofluoromethane	5.49	113	90938	44.11	ug/l	0.00
Spiked Amount 50.000			Recovery =	88.22%		
50) Toluene-d8	8.71	98	367409	44.69	ug/l	0.00
Spiked Amount 50.000			Recovery =	89.38%		
62) 4-Bromofluorobenzene	11.13	95	134376	46.30	ug/l	0.00
Spiked Amount 50.000			Recovery =	92.60%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	41893	17.967	ug/l	100
3) Chloromethane	1.32	50	52643	18.390	ug/l	98
4) Vinyl Chloride	1.40	62	48554	17.427	ug/l	97
5) Bromomethane	1.64	94	29229	19.312	ug/l	98
6) Chloroethane	1.72	64	29588	18.060	ug/l	97
7) Trichlorofluoromethane	1.93	101	57814	17.773	ug/l	100
8) Diethyl Ether	2.18	74	25966	17.454	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	36473	17.536	ug/l	99
10) Methyl Iodide	2.51	142	36537	19.063	ug/l	99
11) Tert butyl alcohol	3.05	59	60131	94.953	ug/l	99
12) 1,1-Dichloroethene	2.37	96	35992	16.579	ug/l	97
13) Acrolein	2.29	56	62037	113.377	ug/l	99
14) Allyl chloride	2.73	41	85430	18.037	ug/l	99
15) Acrylonitrile	3.14	53	144539	89.912	ug/l	99
16) Acetone	2.45	43	136219	92.073	ug/l	99
17) Carbon Disulfide	2.57	76	101105	16.704	ug/l	100
18) Methyl Acetate	2.77	43	68236	18.480	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	135656	17.537	ug/l	99
20) Methylene Chloride	2.85	84	43531	17.206	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	37861	16.351	ug/l	96
22) Diisopropyl ether	3.85	45	165857	18.021	ug/l	97
23) Vinyl Acetate	3.81	43	734502	90.790	ug/l	98
24) 1,1-Dichloroethane	3.70	63	80689	17.465	ug/l	99
25) 2-Butanone	4.67	43	218228	92.281	ug/l	99
26) 2,2-Dichloropropane	4.58	77	58865	16.998	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	45039	17.132	ug/l	99
28) Bromochloromethane	5.02	49	33304	16.045	ug/l	99
29) Tetrahydrofuran	5.13	42	142628	90.110	ug/l	99
30) Chloroform	5.21	83	73836	17.860	ug/l	98
31) Cyclohexane	5.57	56	80377	17.689	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	59851	17.467	ug/l	99
36) 1,1-Dichloropropene	5.80	75	56626	17.046	ug/l	99
37) Ethyl Acetate	4.84	43	79857	18.682	ug/l	99
38) Carbon Tetrachloride	5.78	117	50417	17.902	ug/l	94

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	71649	17.715	ug/l	99
40) Benzene	6.14	78	173949	17.750	ug/l	98
41) Methacrylonitrile	5.04	41	45460	18.530	ug/l	99
42) 1,2-Dichloroethane	6.19	62	62456	17.991	ug/l	99
43) Isopropyl Acetate	6.45	43	123506	17.929	ug/l	100
44) Trichloroethene	7.21	130	41400	17.241	ug/l	98
45) 1,2-Dichloropropane	7.51	63	49097	18.058	ug/l	98
46) Dibromomethane	7.66	93	27756	17.542	ug/l	99
47) Bromodichloromethane	7.90	83	55208	17.790	ug/l	98
48) Methyl methacrylate	7.77	41	63106	18.540	ug/l	99
49) 1,4-Dioxane	7.74	88	25384	398.451	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	419496	95.589	ug/l	98
52) Toluene	8.78	92	105710	17.998	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	61632	17.256	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	69889	17.476	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	42677	18.334	ug/l	97
56) Ethyl methacrylate	9.18	69	76154	18.245	ug/l	98
57) 1,3-Dichloropropane	9.37	76	75062	18.111	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	184179	81.943	ug/l	99
59) 2-Hexanone	9.49	43	326869	96.608	ug/l	99
60) Dibromochloromethane	9.58	129	40180	18.010	ug/l	99
61) 1,2-Dibromoethane	9.67	107	43846	18.250	ug/l	99
64) Tetrachloroethene	9.34	164	37039	16.857	ug/l	97
65) Chlorobenzene	10.13	112	107345	17.583	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	38202	17.763	ug/l	99
67) Ethyl Benzene	10.25	91	200691	17.983	ug/l	100
68) m/p-Xylenes	10.36	106	147537	36.376	ug/l	100
69) o-Xylene	10.69	106	71460	18.108	ug/l	98
70) Styrene	10.71	104	124529	18.209	ug/l	100
71) Bromoform	10.85	173	29575	17.261	ug/l #	99
73) Isopropylbenzene	11.02	105	194057	18.263	ug/l	100
74) N-amyl acetate	10.90	43	110218	18.066	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	69620	17.932	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	60898m	17.791	ug/l	
77) Bromobenzene	11.26	156	47062	17.555	ug/l	99
78) n-propylbenzene	11.36	91	223974	18.365	ug/l	100
79) 2-Chlorotoluene	11.42	91	132065	17.970	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	163522	18.339	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	21871	16.404	ug/l	92
82) 4-Chlorotoluene	11.51	91	152131	17.824	ug/l	100
83) tert-Butylbenzene	11.77	119	157129	18.355	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	165932	18.282	ug/l	99
85) sec-Butylbenzene	11.94	105	188926	18.504	ug/l	100
86) p-Isopropyltoluene	12.06	119	171366	18.256	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	82679	17.621	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	83101	17.471	ug/l	99
89) n-Butylbenzene	12.38	91	154074	17.624	ug/l	99
90) Hexachloroethane	12.60	117	27262	17.607	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	84446	18.226	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16555	18.728	ug/l	96

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Instrument :
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ClientSampleId :
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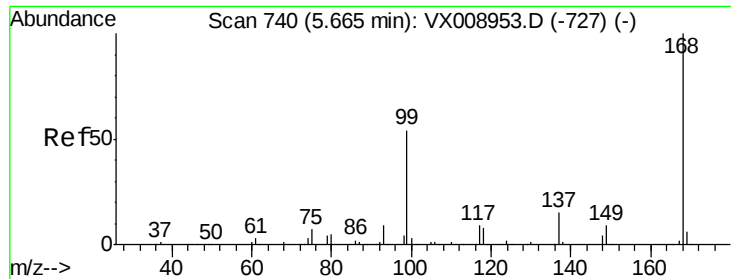
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	58664	17.539	ug/l	99
94) Hexachlorobutadiene	13.78	225	30301	18.164	ug/l	100
95) Naphthalene	13.83	128	198744	18.547	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	62190	18.845	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009181.D

Acq: 26 Apr 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0426WBS01

Tot Ion:168 Resp: 202438

Ion Ratio Lower Upper

168 100

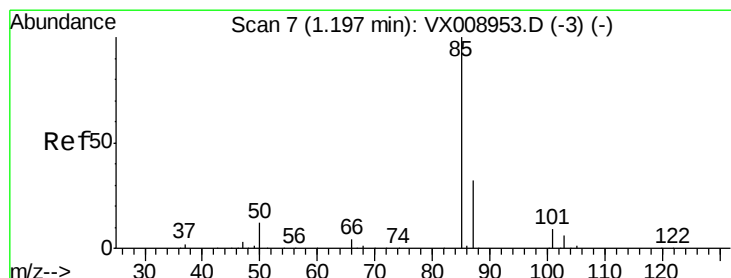
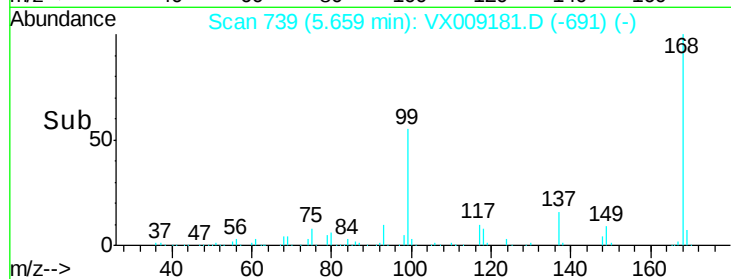
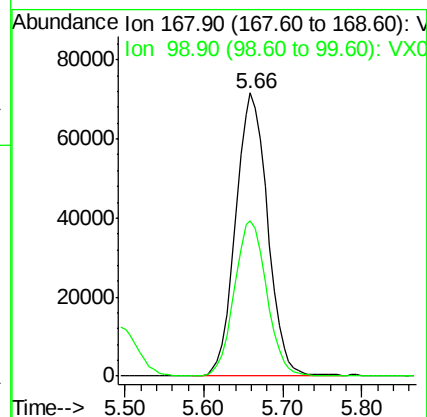
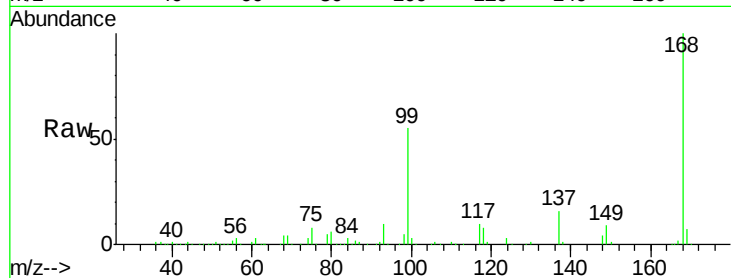
99 54.8 43.0 64.6

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 17.967 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009181.D

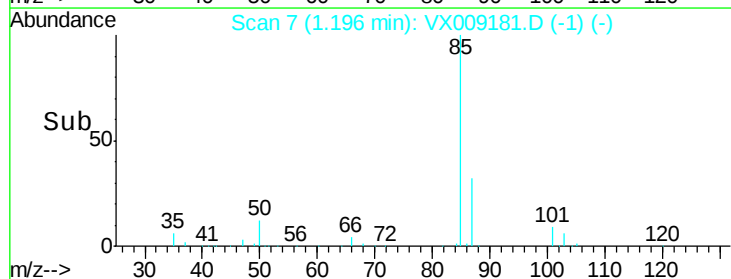
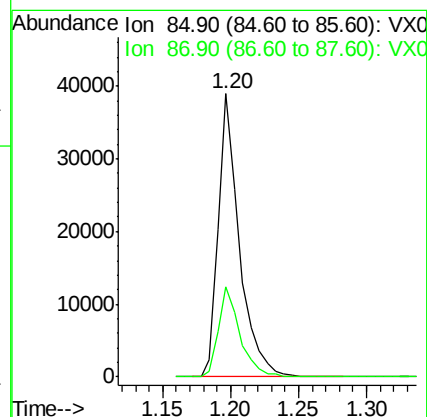
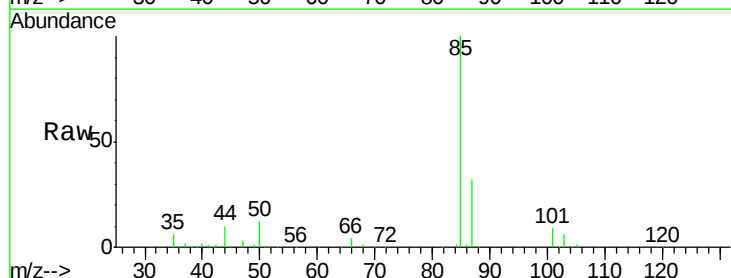
Acq: 26 Apr 2019 11:52

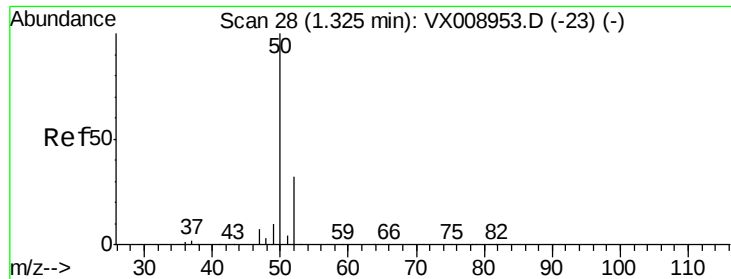
Tgt Ion: 85 Resp: 41893

Ion Ratio Lower Upper

85 100

87 31.8 16.0 47.9





#3

Chloromethane

Concen: 18.390 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009181.D

Acq: 26 Apr 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0426WBS01

Tot Ion: 50 Resp: 52643

Ion Ratio Lower Upper

50 100

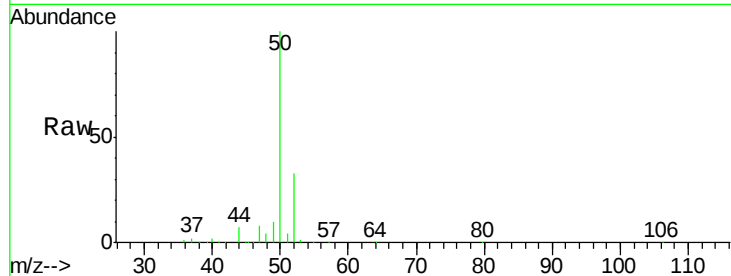
52 32.8 25.5 38.3

Manual Integrations

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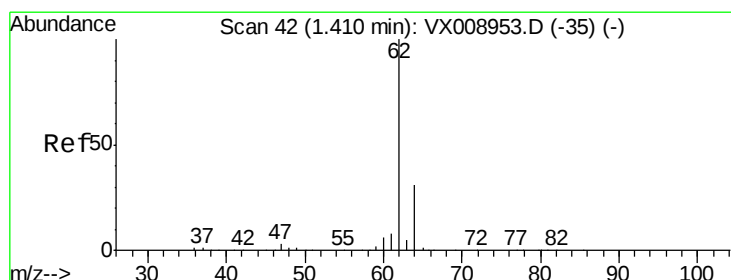
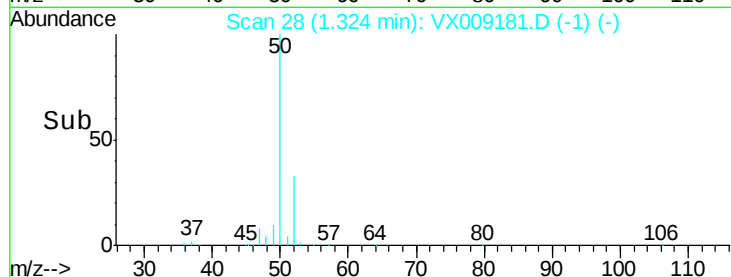
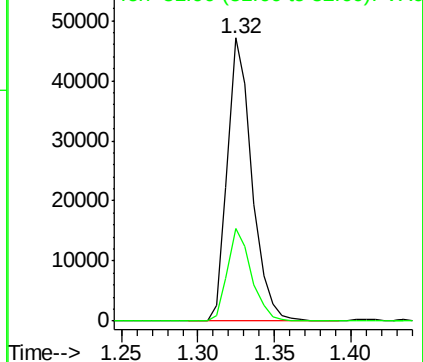
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 17.427 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX009181.D

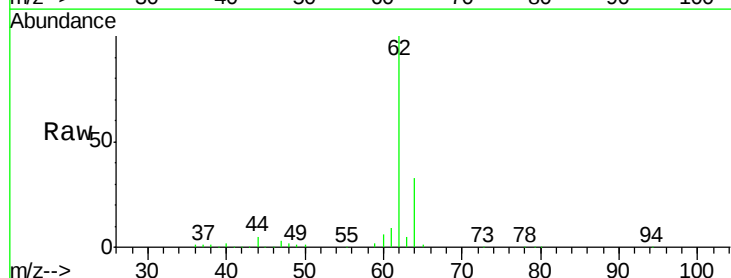
Acq: 26 Apr 2019 11:52

Tgt Ion: 62 Resp: 48554

Ion Ratio Lower Upper

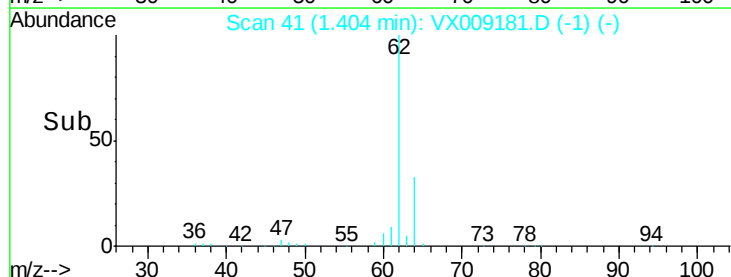
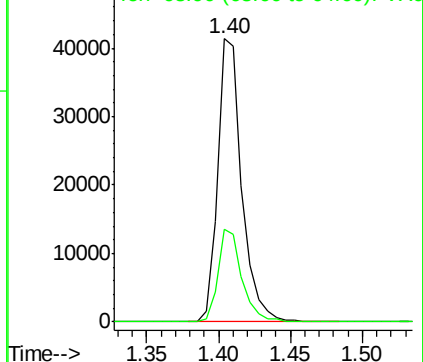
62 100

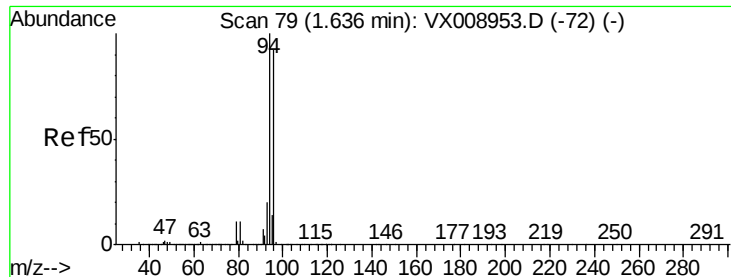
64 32.9 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 19.312 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009181.D

Acq: 26 Apr 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0426WBS01

Tot Ion: 94 Resp: 29229

Ion Ratio Lower Upper

94 100

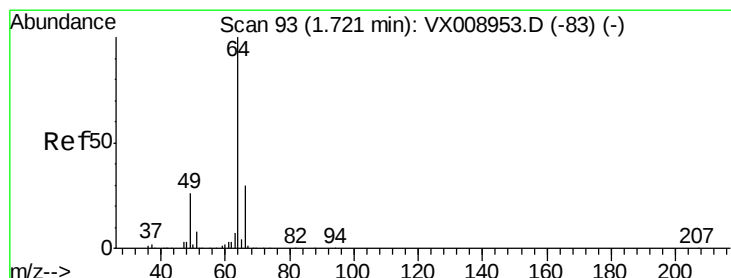
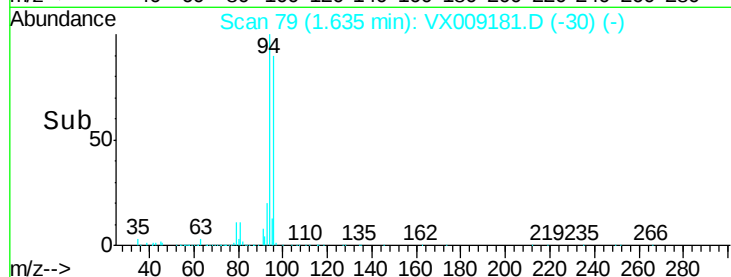
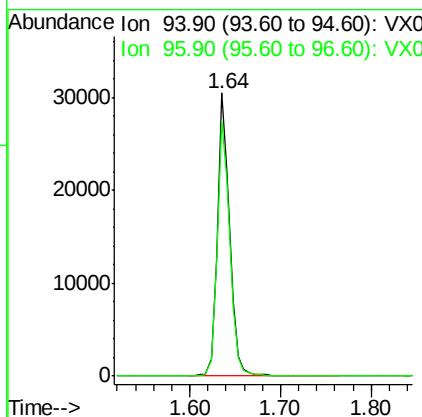
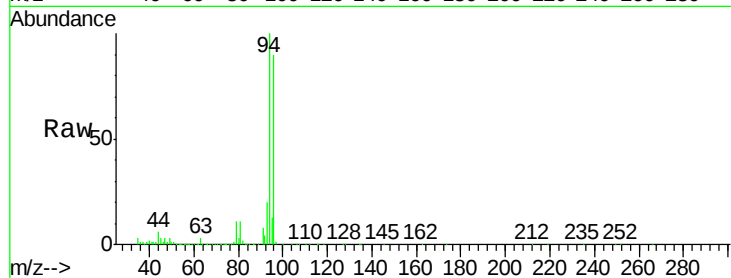
96 90.2 73.9 110.9

Manual Integrations

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#6

Chloroethane

Concen: 18.060 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX009181.D

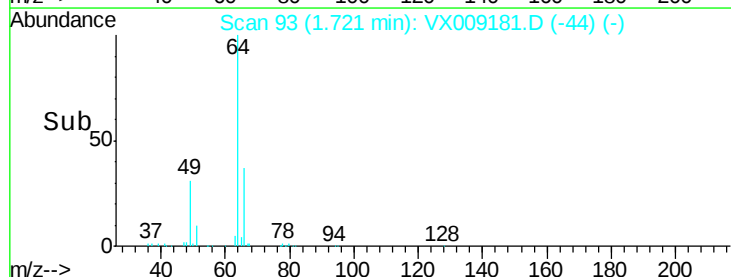
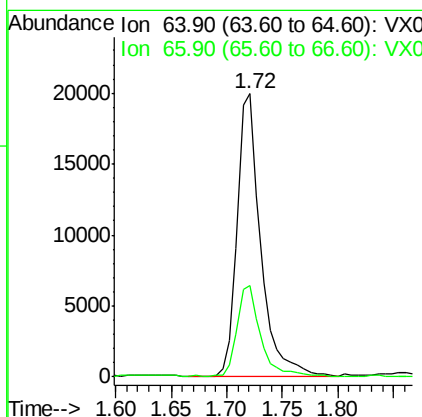
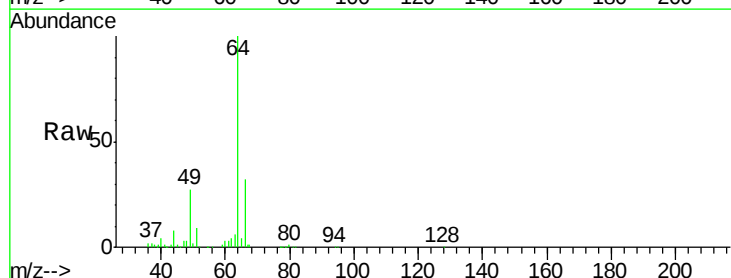
Acq: 26 Apr 2019 11:52

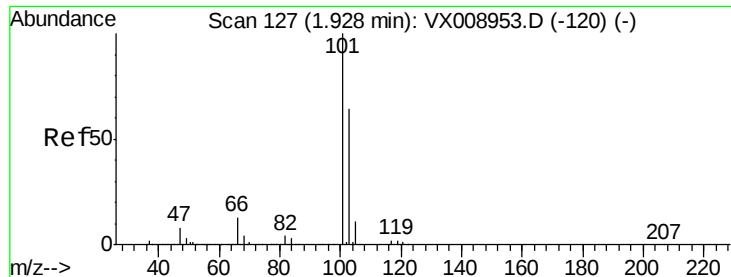
Tgt Ion: 64 Resp: 29588

Ion Ratio Lower Upper

64 100

66 31.8 24.2 36.2





#7

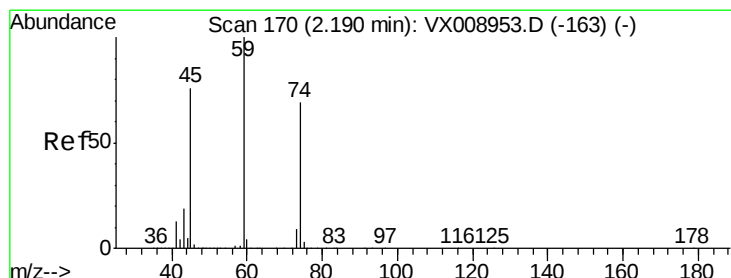
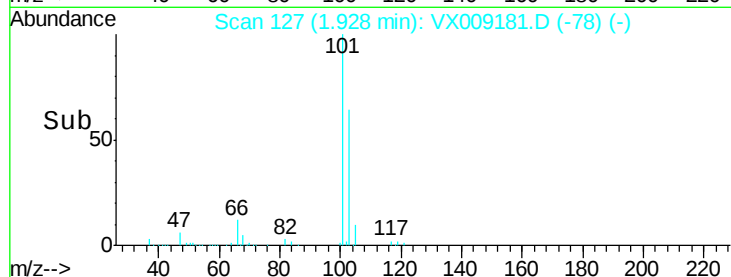
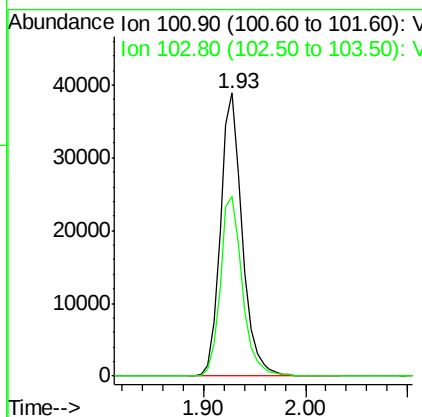
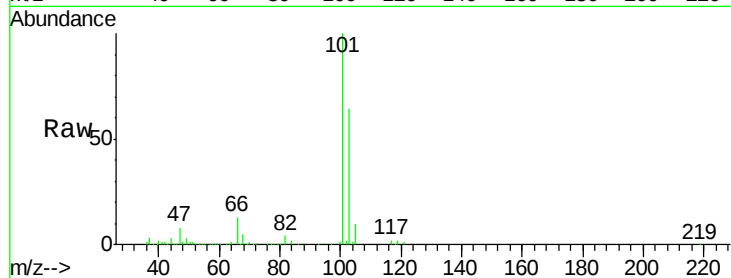
Trichlorofluoromethane
Concen: 17.773 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX009181.D
Acq: 26 Apr 2019 11:52

Instrument :
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ClientSampleId :
VX0426WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.5	51.0	76.6

Manual Integrations
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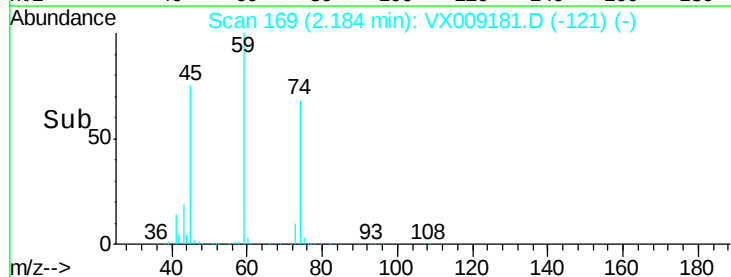
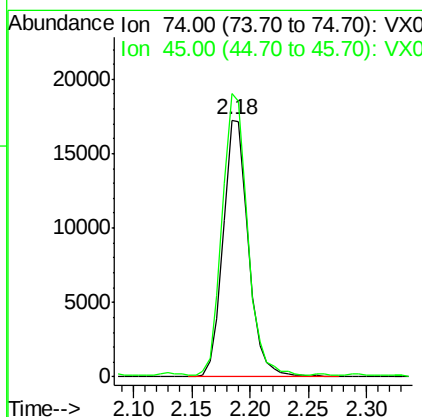
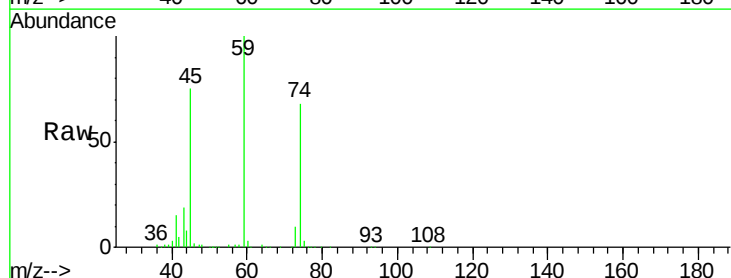
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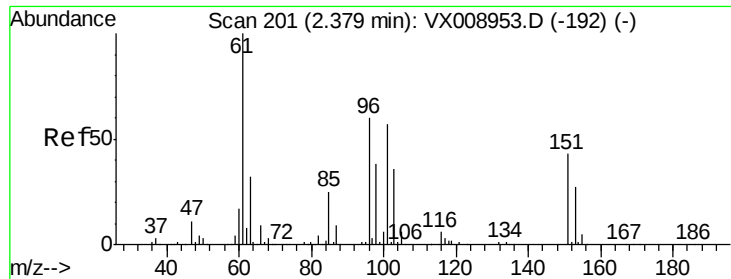


#8

Diethyl Ether
Concen: 17.454 ug/l
RT: 2.18 min Scan# 169
Delta R.T. -0.01 min
Lab File: VX009181.D
Acq: 26 Apr 2019 11:52

Tgt Ion	Ratio	Lower	Upper
74	100		
45	109.4	54.9	164.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.536 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX009181.D

Acq: 26 Apr 2019 11:52

Instrument :

MSVOA_X

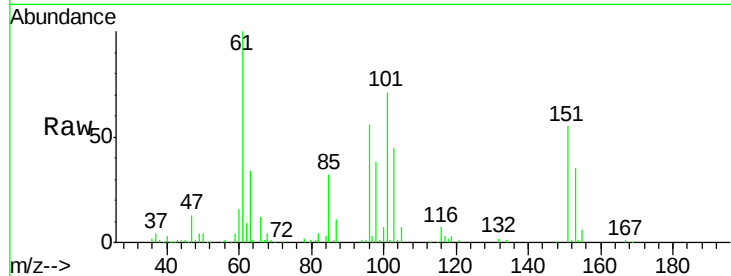
ClientSampleId :

VX0426WBS01

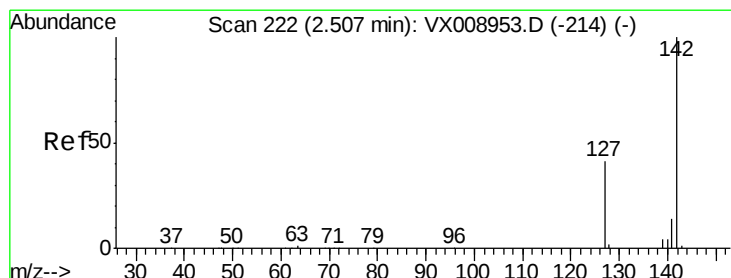
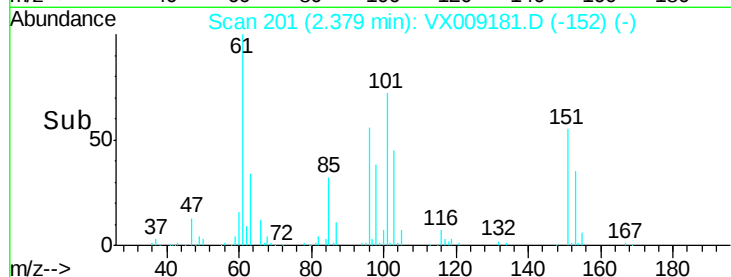
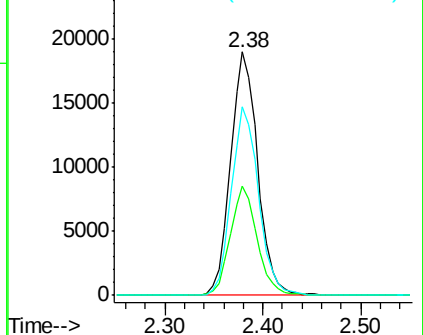
Tot Ion:	101	Resp:	36473
Ion Ratio	Lower	Upper	
101	100		
85	44.3	35.7	53.5
151	77.9	62.7	94.1

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.063 ug/l

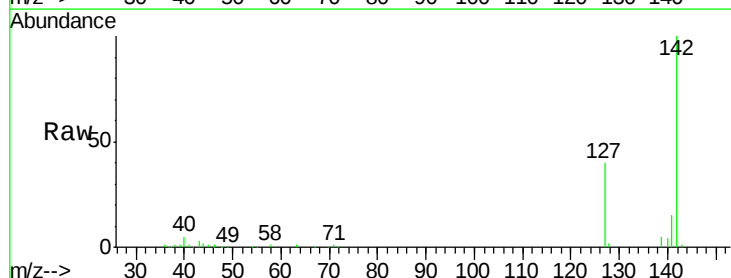
RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

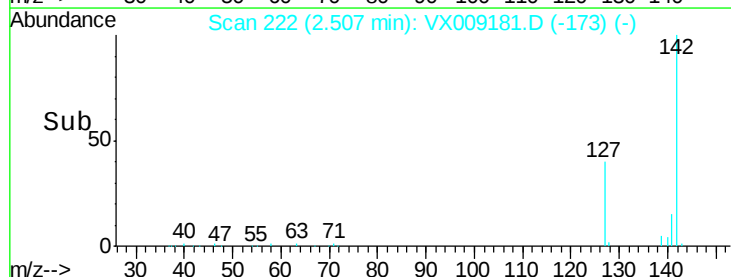
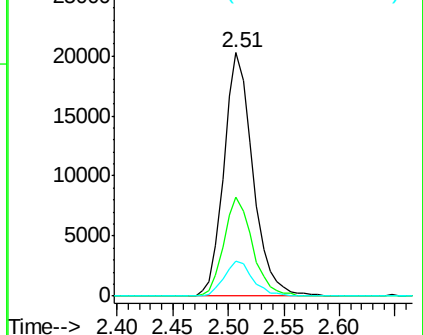
Lab File: VX009181.D

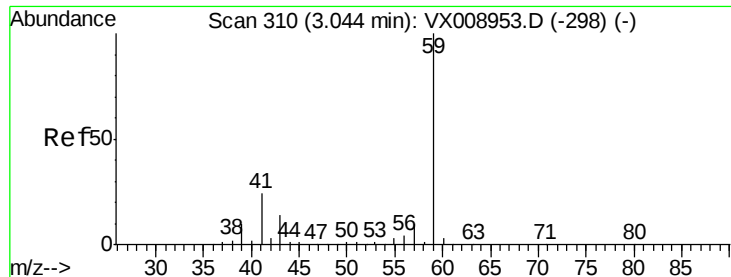
Acq: 26 Apr 2019 11:52

Tgt Ion:	142	Resp:	36537
Ion Ratio	Lower	Upper	
142	100		
127	40.1	32.8	49.2
141	14.4	11.4	17.2



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





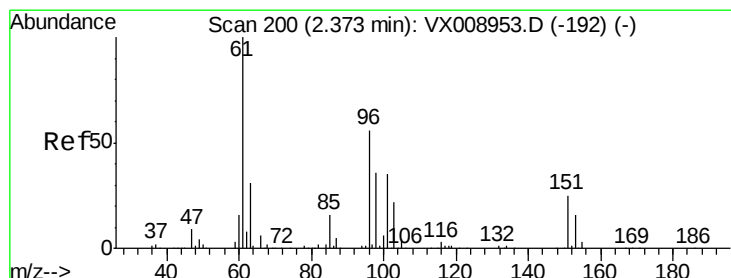
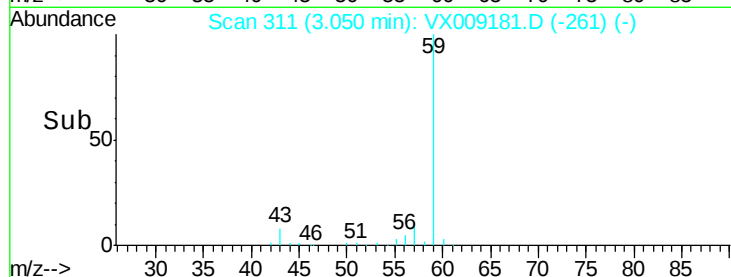
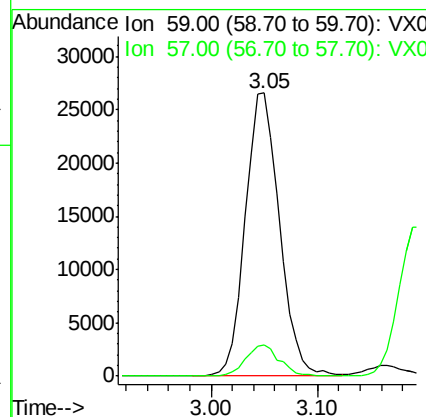
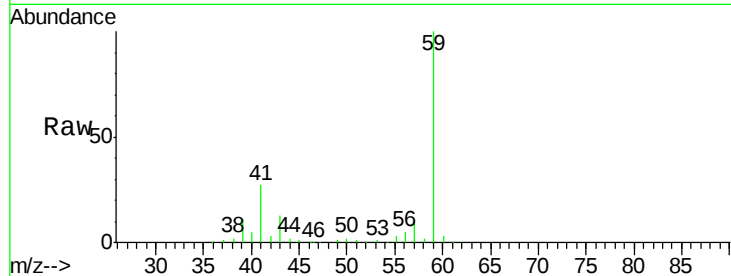
#11
Tert butyl alcohol
Concen: 94.953 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.01 min
Lab File: VX009181.D
Acq: 26 Apr 2019 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0426WBS01

Tot Ion: 59 Resp: 60131
Ion Ratio Lower Upper
59 100
57 10.9 8.4 12.6

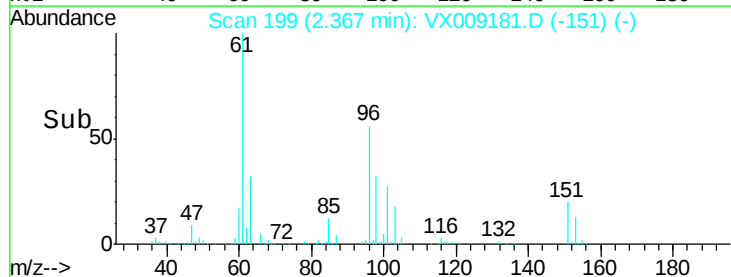
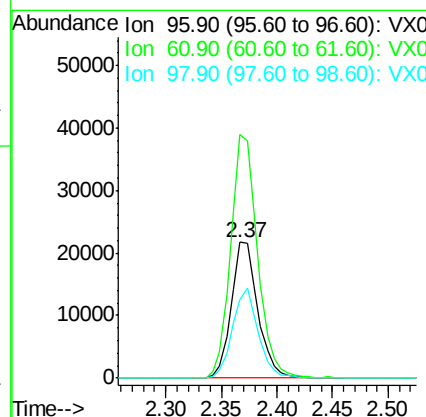
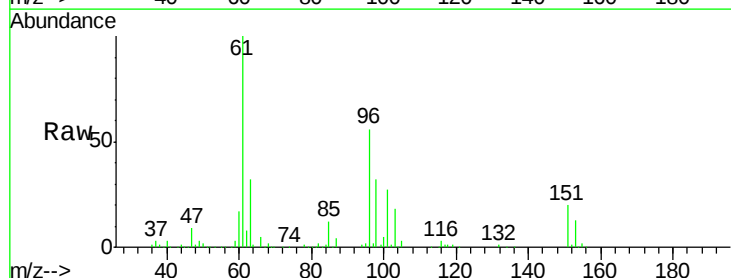
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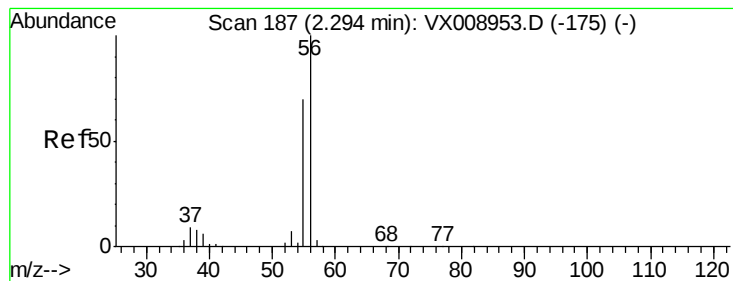
MMDadoda
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#12
1,1-Dichloroethene
Concen: 16.579 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX009181.D
Acq: 26 Apr 2019 11:52

Tgt Ion: 96 Resp: 35992
Ion Ratio Lower Upper
96 100
61 179.2 142.2 213.2
98 57.4 50.9 76.3





#13

Acrolein

Concen: 113.377 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009181.D

Acq: 26 Apr 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0426WBS01

Tot Ion: 56 Resp: 62037

Ion Ratio Lower Upper

56 100

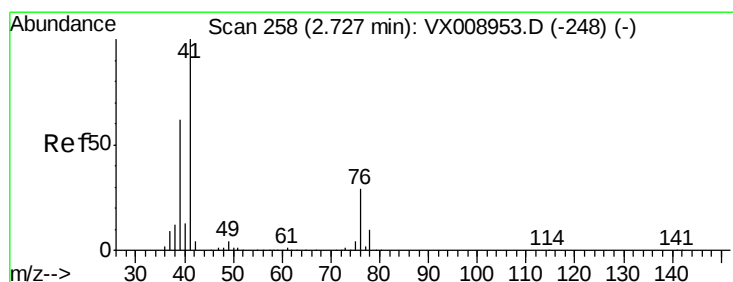
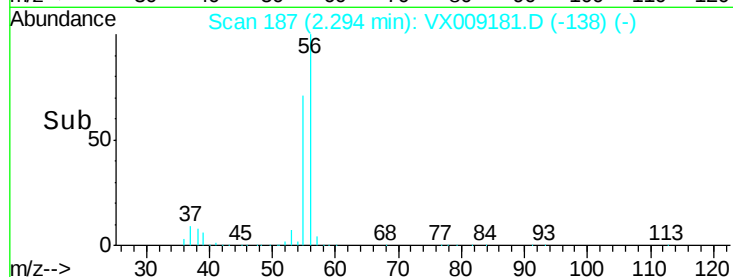
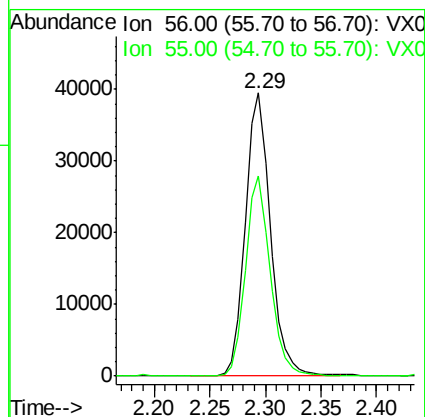
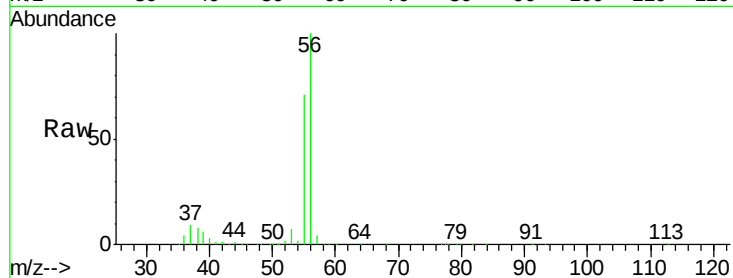
55 69.9 56.6 84.8

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#14

Allyl chloride

Concen: 18.037 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX009181.D

Acq: 26 Apr 2019 11:52

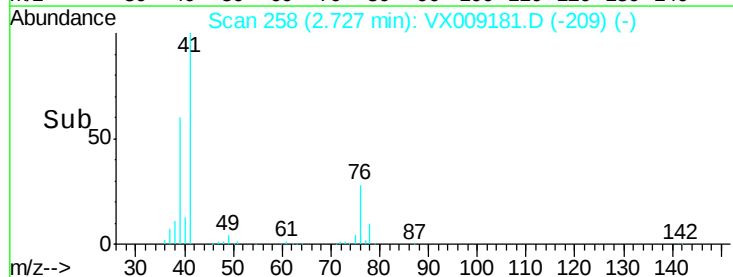
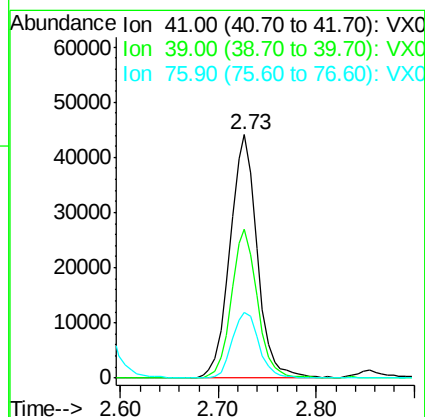
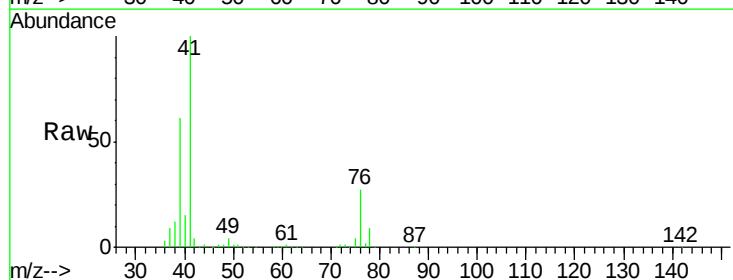
Tgt Ion: 41 Resp: 85430

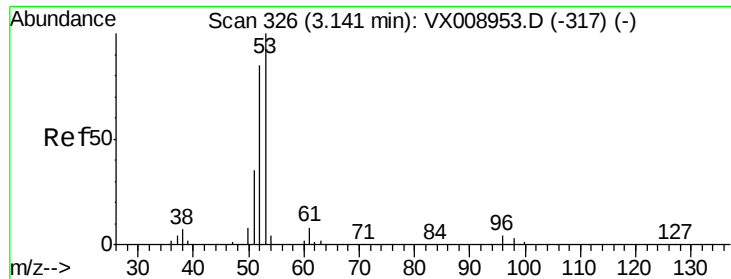
Ion Ratio Lower Upper

41 100

39 58.2 46.7 70.1

76 26.3 22.0 33.0





#15

Acrylonitrile

Concen: 89.912 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX009181.D

Acq: 26 Apr 2019 11:52

Instrument :

MSVOA_X

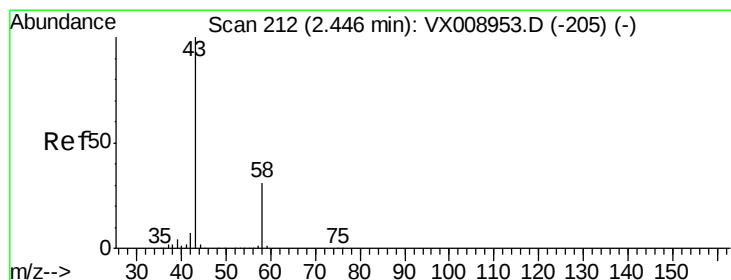
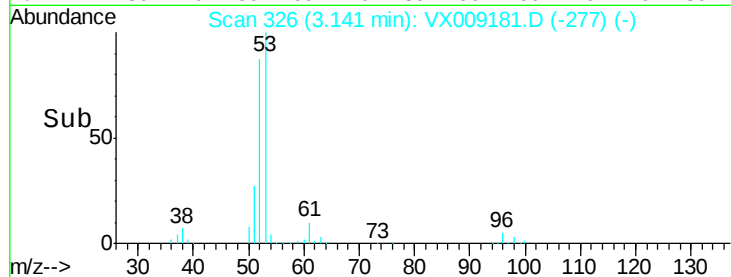
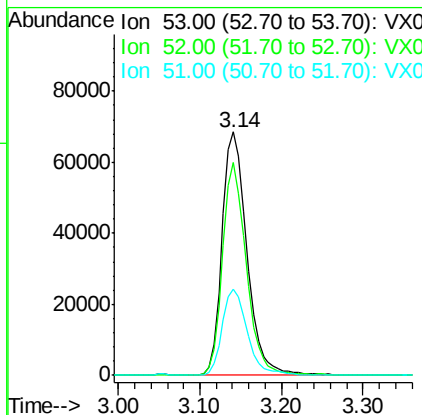
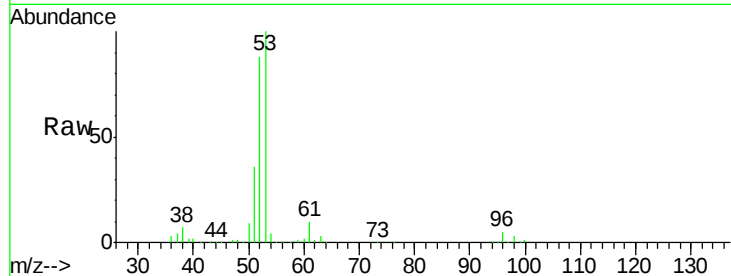
ClientSampleId :

VX0426WBS01

Tot Ion:	53	Resp:	144539
Ion	Ratio	Lower	Upper
53	100		
52	84.2	66.6	100.0
51	35.9	28.3	42.5

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#16

Acetone

Concen: 92.073 ug/l

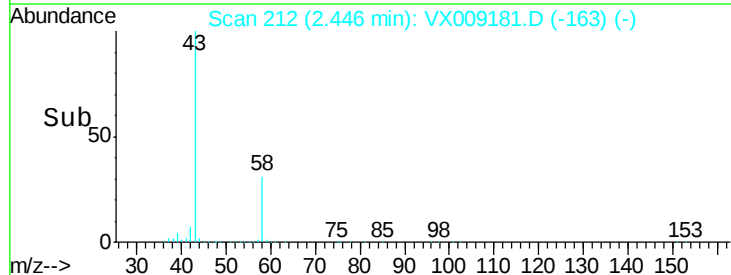
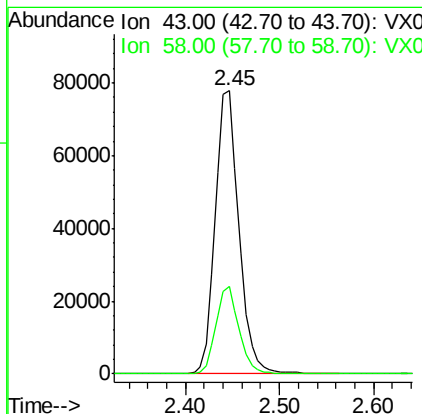
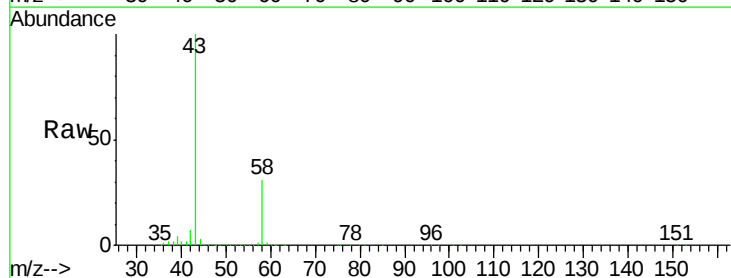
RT: 2.45 min Scan# 212

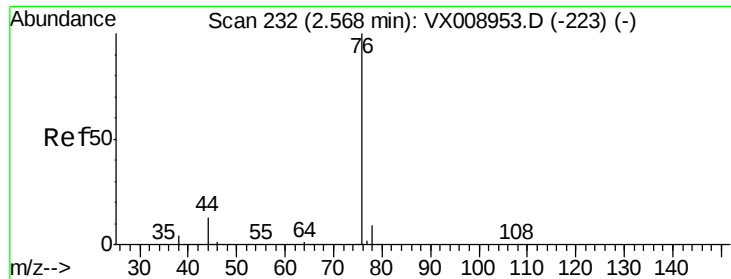
Delta R.T. -0.00 min

Lab File: VX009181.D

Acq: 26 Apr 2019 11:52

Tgt Ion:	43	Resp:	136219
Ion	Ratio	Lower	Upper
43	100		
58	30.6	24.8	37.2





#17

Carbon Disulfide

Concen: 16.704 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX009181.D

Acq: 26 Apr 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0426WBS01

Tot Ion: 76 Resp: 101105

Ion Ratio Lower Upper

76 100

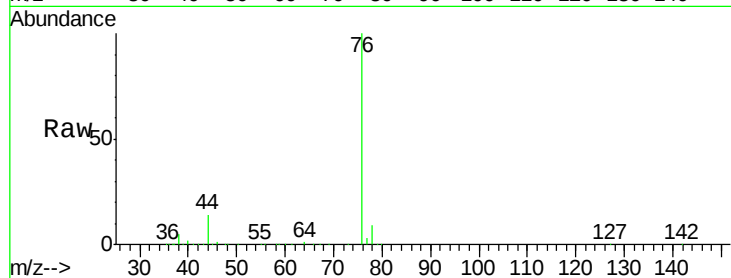
78 8.9 7.2 10.8

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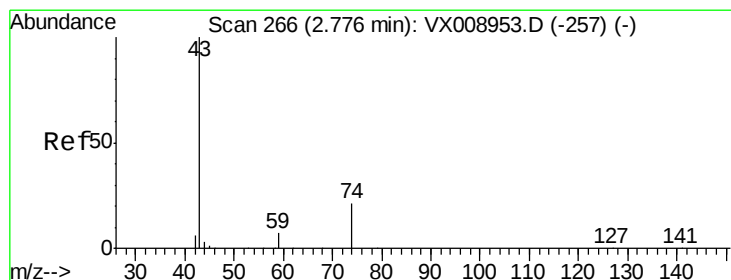
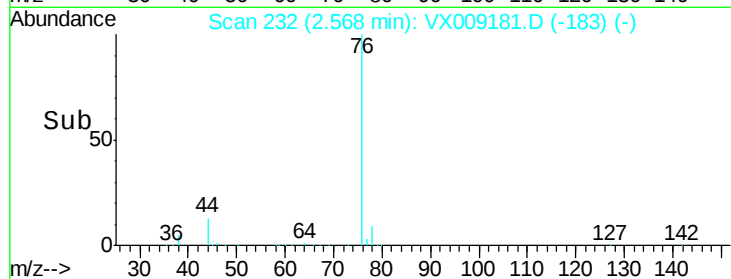
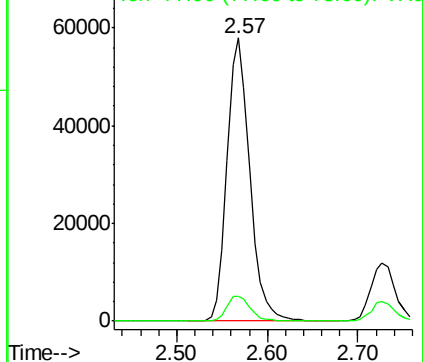
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 18.480 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX009181.D

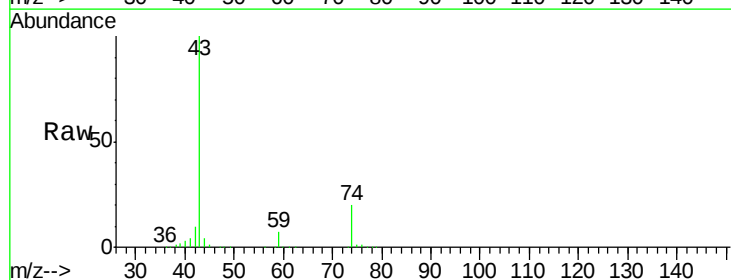
Acq: 26 Apr 2019 11:52

Tgt Ion: 43 Resp: 68236

Ion Ratio Lower Upper

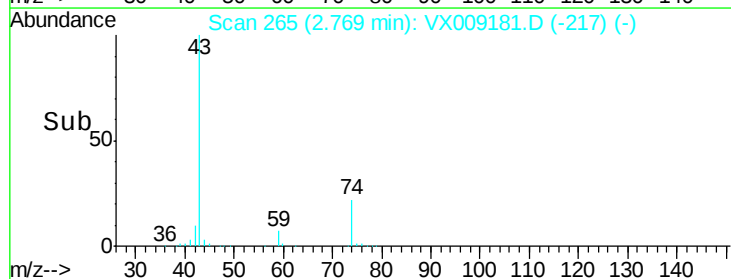
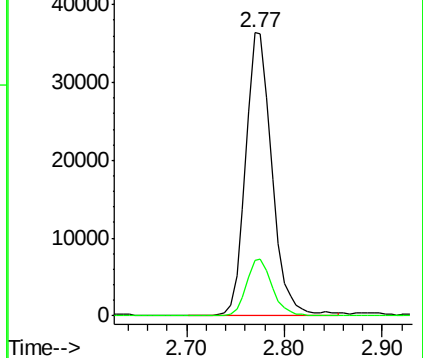
43 100

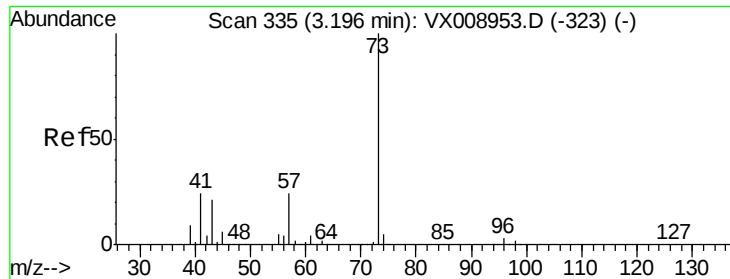
74 19.9 16.6 25.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





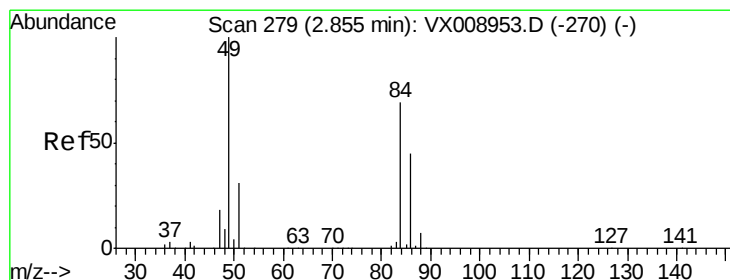
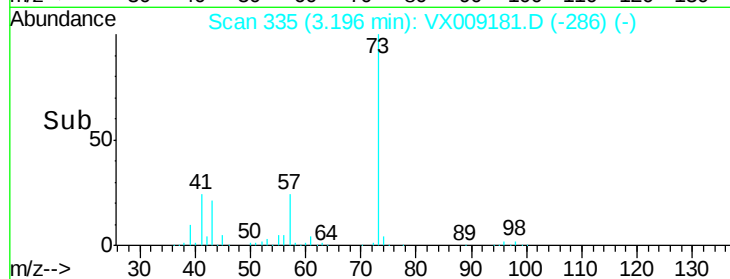
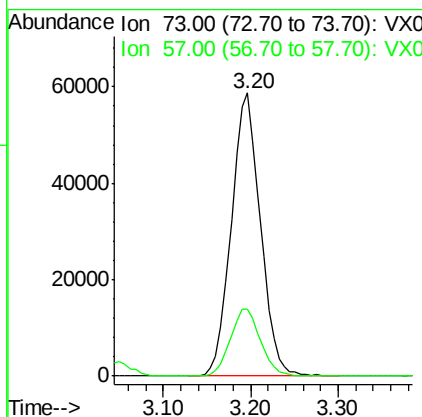
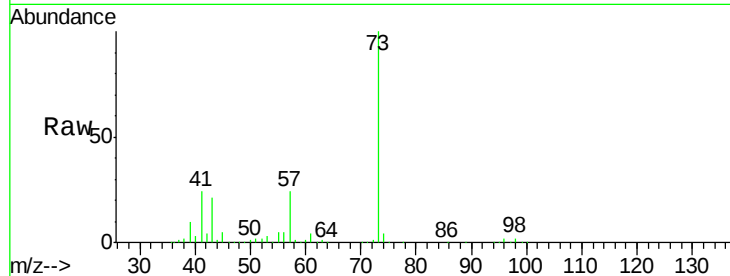
#19
Methvl tert-butvl Ether
Concen: 17.537 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX009181.D
Acq: 26 Apr 2019 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0426WBS01

Tot Ion: 73 Resp: 135656
Ion Ratio Lower Upper
73 100
57 23.7 19.2 28.8

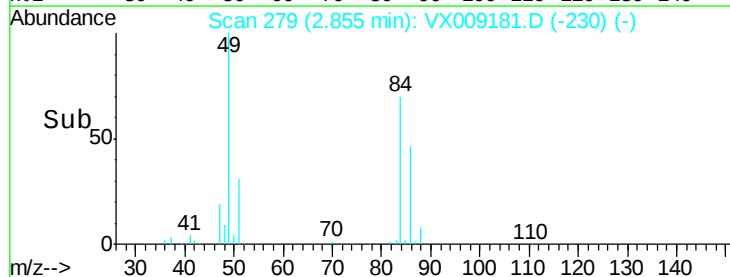
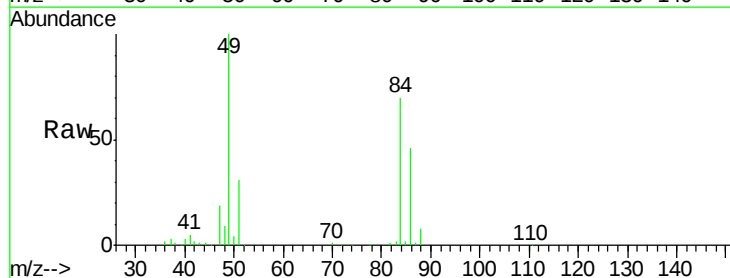
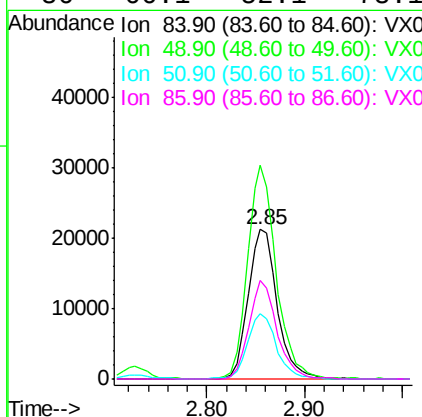
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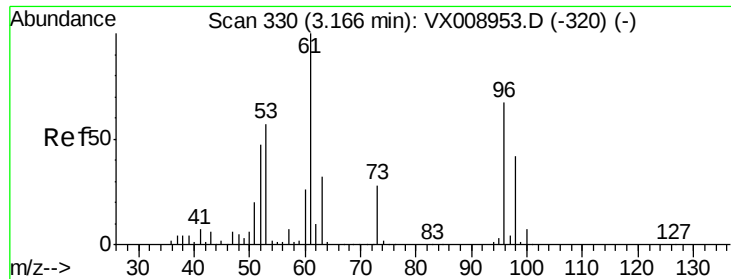
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#20
Methylene Chloride
Concen: 17.206 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009181.D
Acq: 26 Apr 2019 11:52

Tgt Ion: 84 Resp: 43531
Ion Ratio Lower Upper
84 100
49 142.8 115.4 173.0
51 43.6 35.8 53.6
86 66.1 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 16.351 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX009181.D

Acq: 26 Apr 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0426WBS01

Tot Ion: 96 Resp: 37861

Ion Ratio Lower Upper

96 100

61 156.7 120.3 180.5

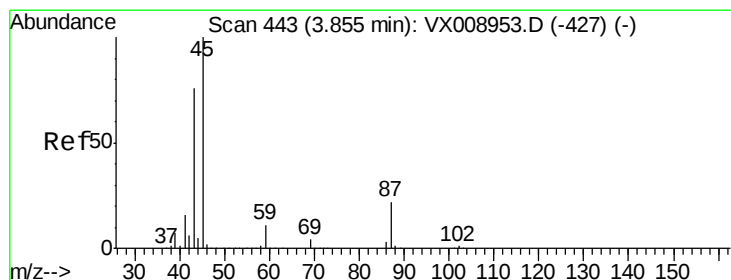
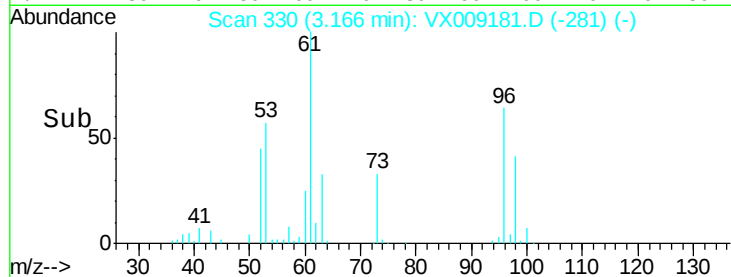
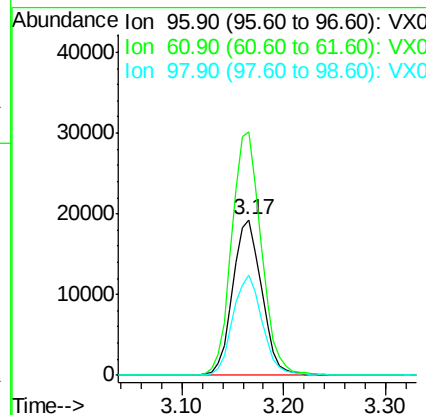
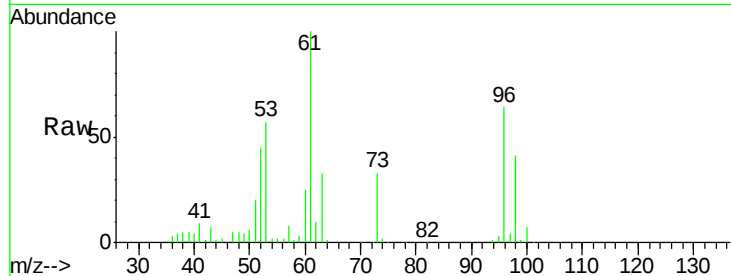
98 64.5 50.2 75.2

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#22

Diisopropyl ether

Concen: 18.021 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX009181.D

Acq: 26 Apr 2019 11:52

Tgt Ion: 45 Resp: 165857

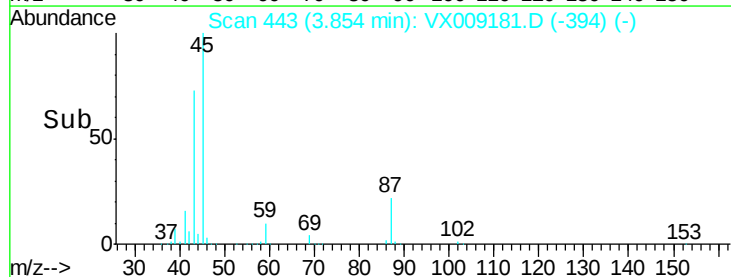
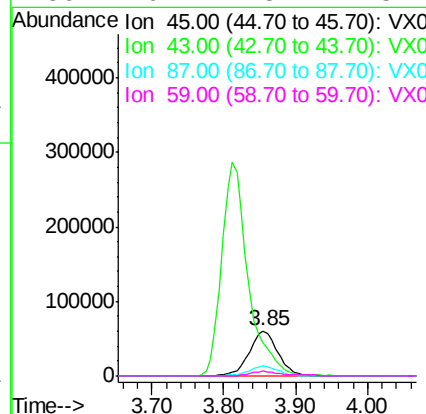
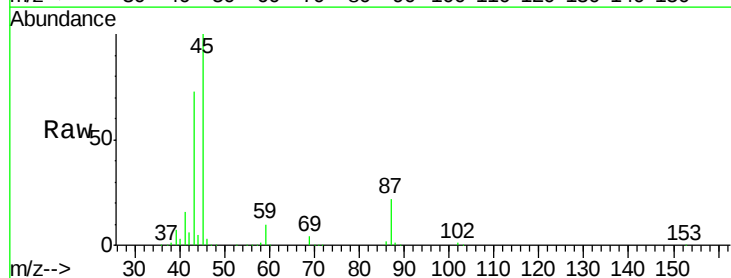
Ion Ratio Lower Upper

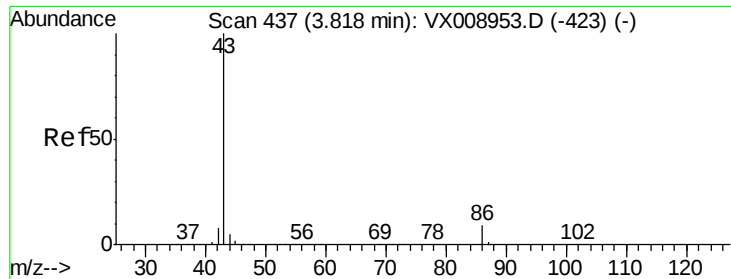
45 100

43 72.7 60.6 91.0

87 21.8 17.8 26.8

59 10.2 8.7 13.1





#23

Vinyl Acetate

Concen: 90.790 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX009181.D

Acq: 26 Apr 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0426WBS01

Tot Ion: 43 Resp: 734502

Ion Ratio Lower Upper

43 100

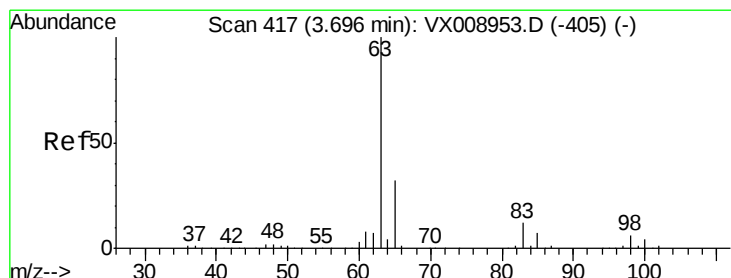
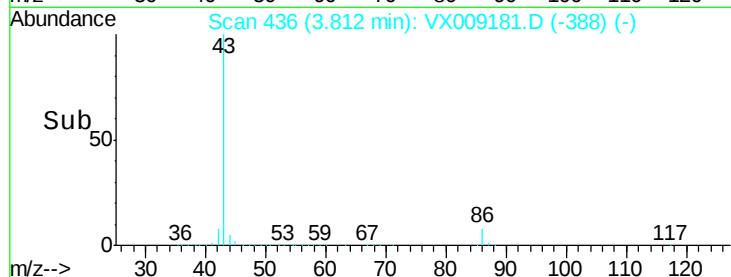
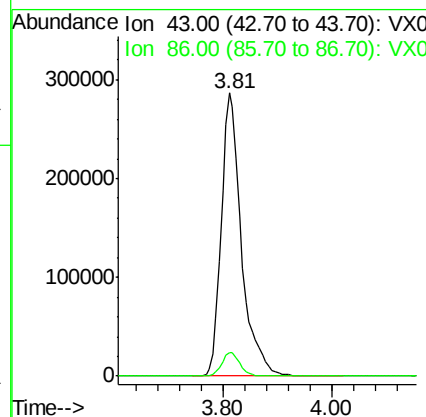
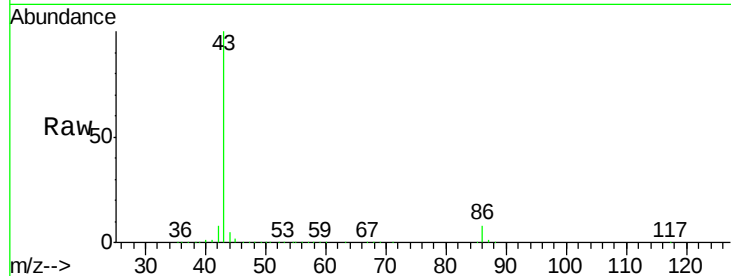
86 8.1 7.1 10.7

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#24

1,1-Dichloroethane

Concen: 17.465 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009181.D

Acq: 26 Apr 2019 11:52

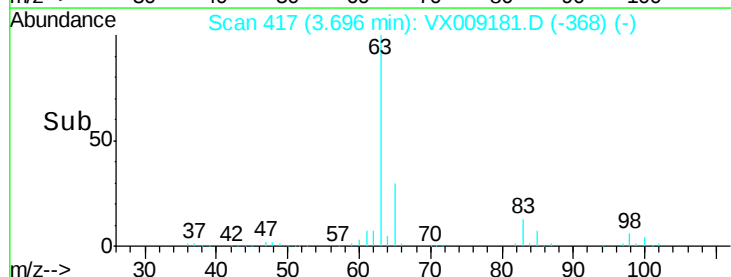
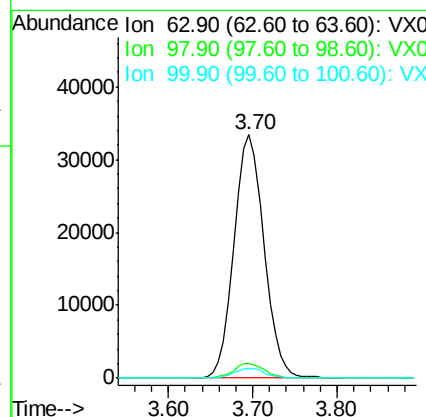
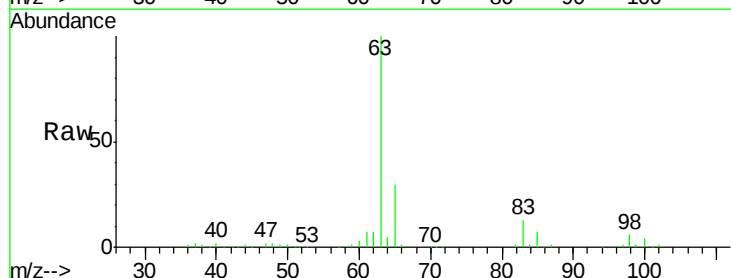
Tgt Ion: 63 Resp: 80689

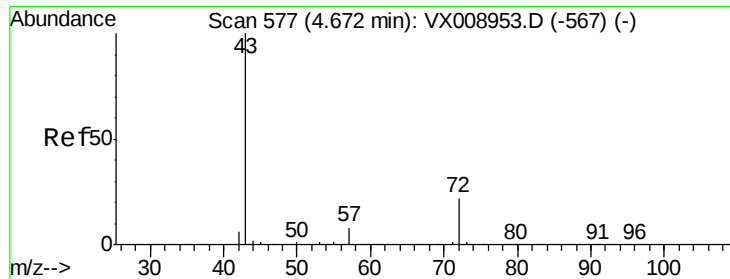
Ion Ratio Lower Upper

63 100

98 5.7 3.1 9.3

100 4.0 1.9 5.7





#25

2-Butanone

Concen: 92.281 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX009181.D

Acq: 26 Apr 2019 11:52

Tot Ion: 43 Resp: 218228

Ion Ratio Lower Upper

43 100

72 22.2 17.5 26.3

Instrument :

MSVOA_X

ClientSampleId :

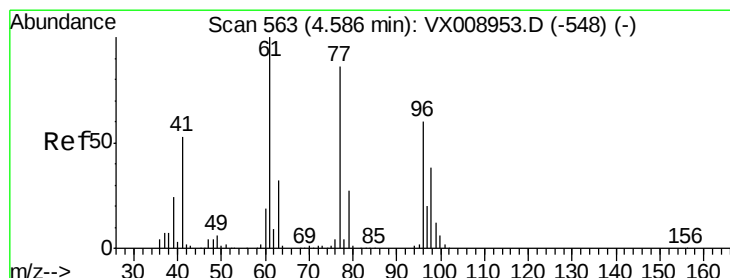
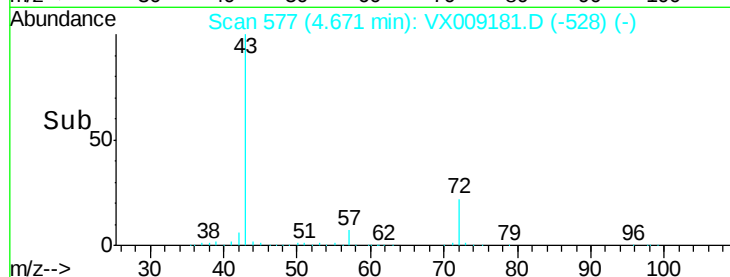
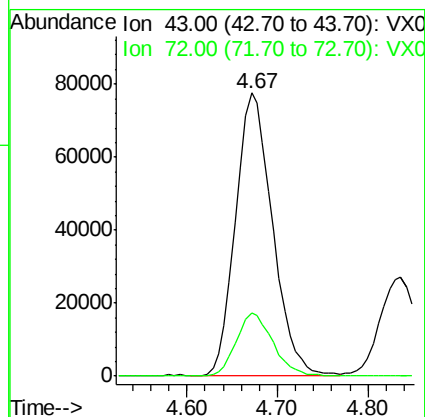
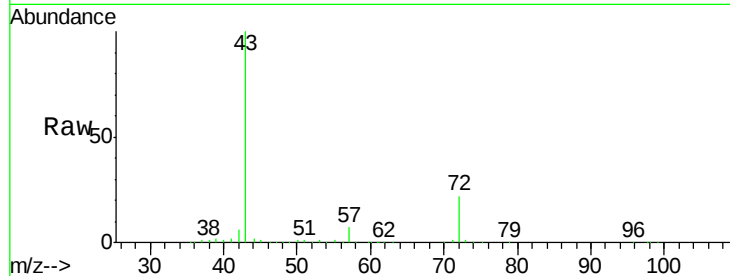
VX0426WBS01

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#26

2,2-Dichloropropane

Concen: 16.998 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX009181.D

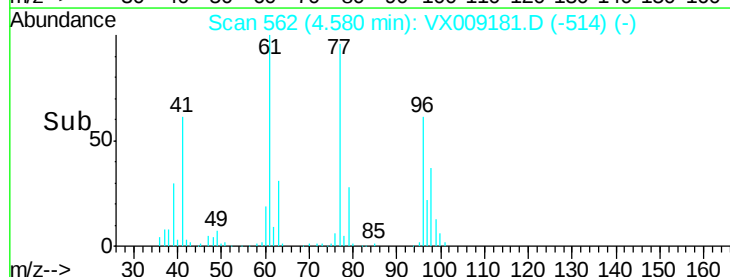
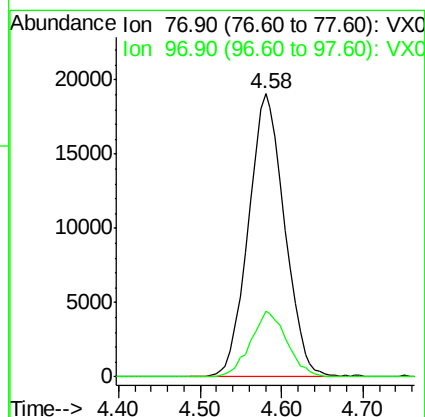
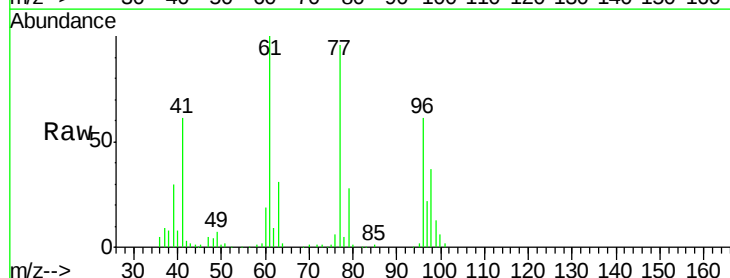
Acq: 26 Apr 2019 11:52

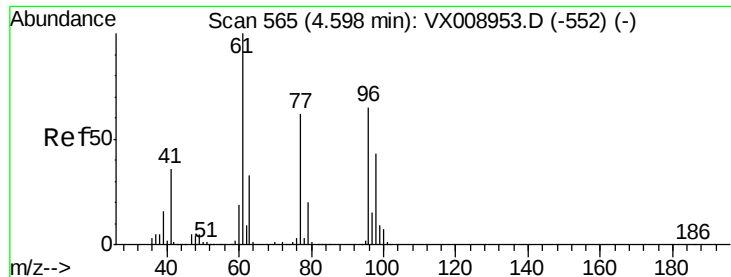
Tgt Ion: 77 Resp: 58865

Ion Ratio Lower Upper

77 100

97 23.2 11.7 35.0





#27

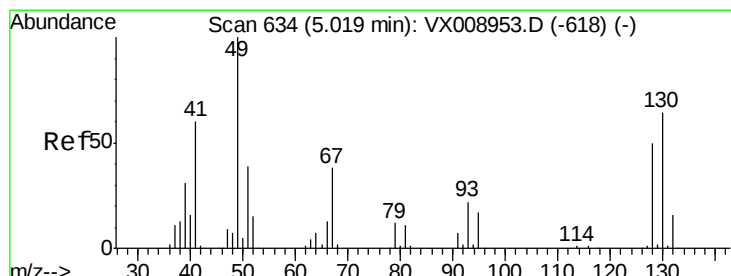
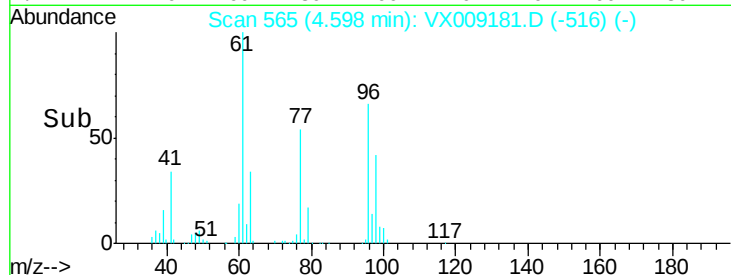
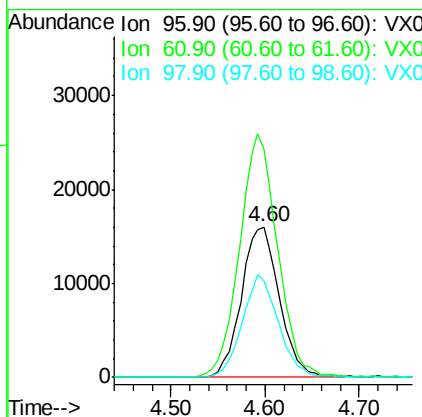
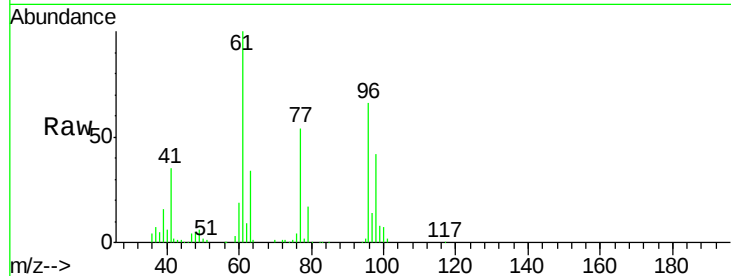
cis-1,2-Dichloroethene
Concen: 17.132 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX009181.D
Acq: 26 Apr 2019 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0426WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	162.6	0.0	322.0
98	65.2	0.0	128.4

Manual Integrations
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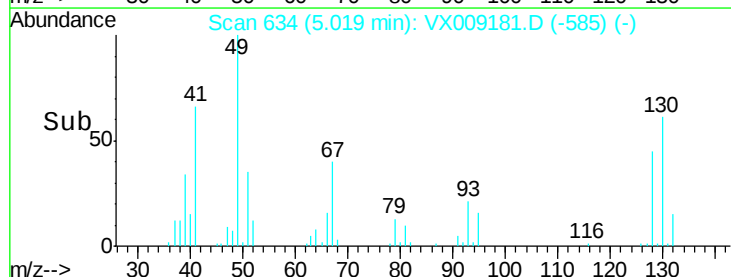
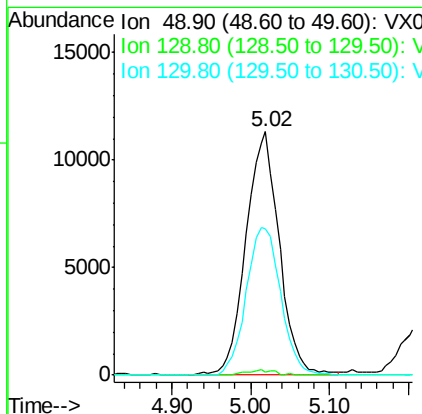
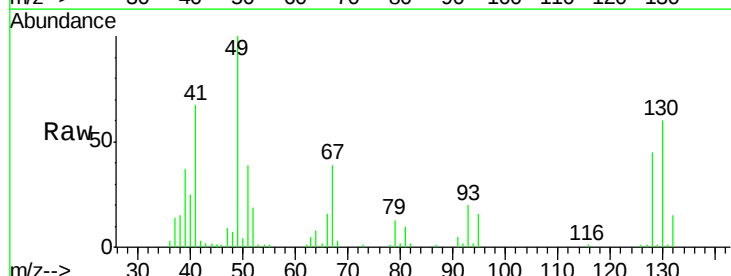
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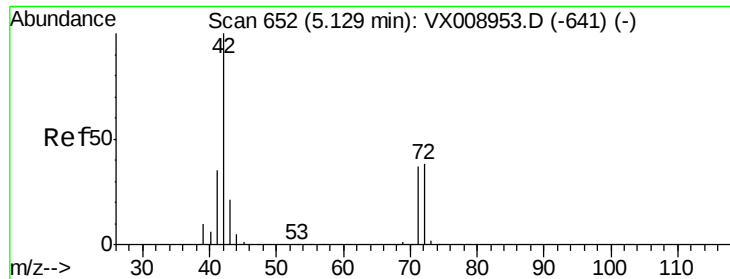


#28

Bromochloromethane
Concen: 16.045 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX009181.D
Acq: 26 Apr 2019 11:52

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.6
130	62.5	50.4	75.6





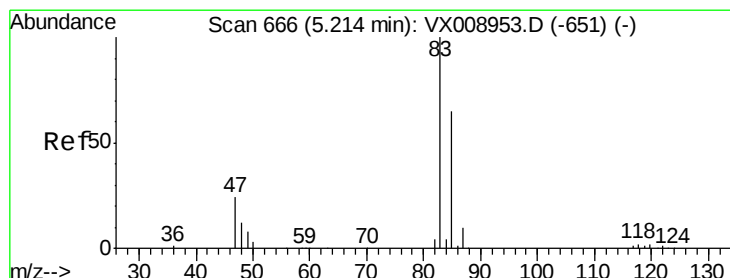
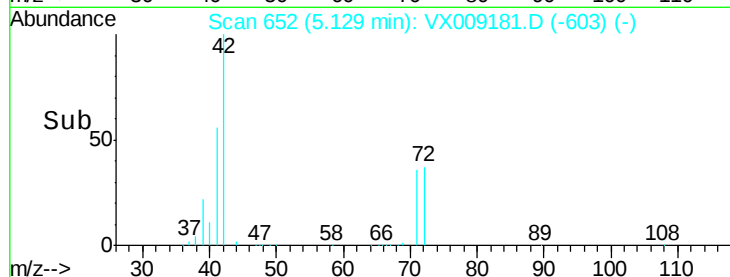
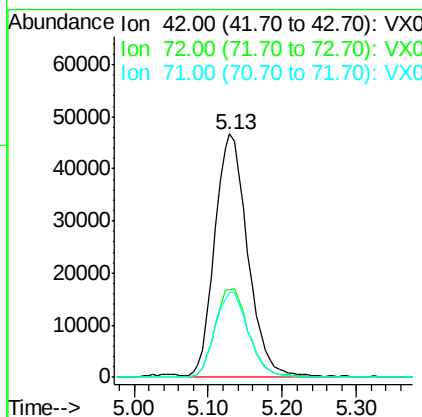
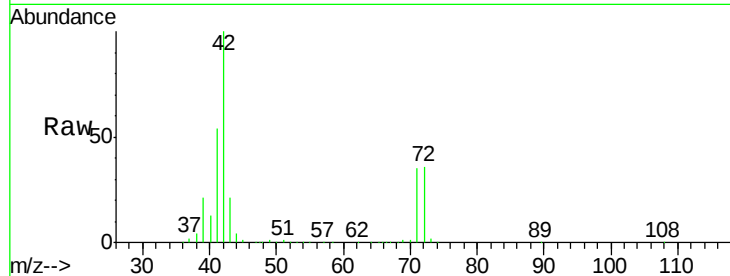
#29
Tetrahydrofuran
Concen: 90.110 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX009181.D
Acq: 26 Apr 2019 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0426WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.9	30.6	45.8
71	35.6	28.8	43.2

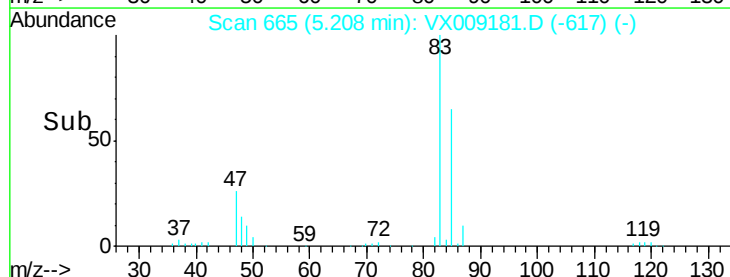
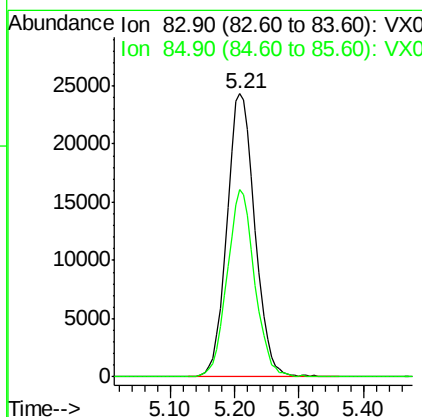
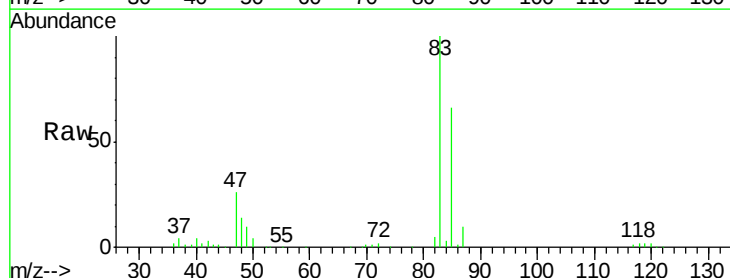
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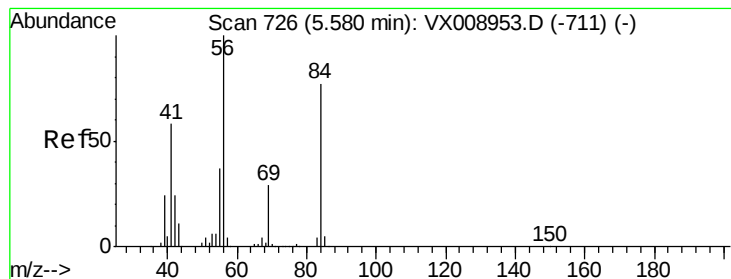
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#30
Chloroform
Concen: 17.860 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX009181.D
Acq: 26 Apr 2019 11:52

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.1	51.9	77.9





#31

Cyclohexane

Concen: 17.689 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX009181.D

Acq: 26 Apr 2019 11:52

Instrument :

MSVOA_X

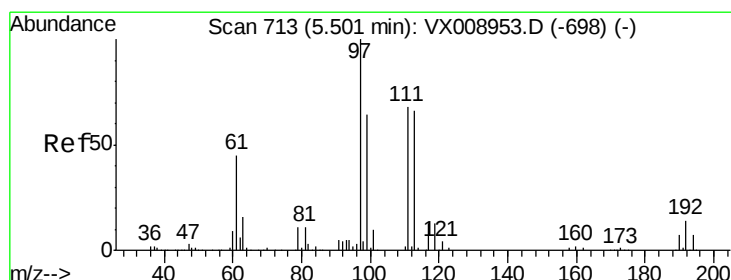
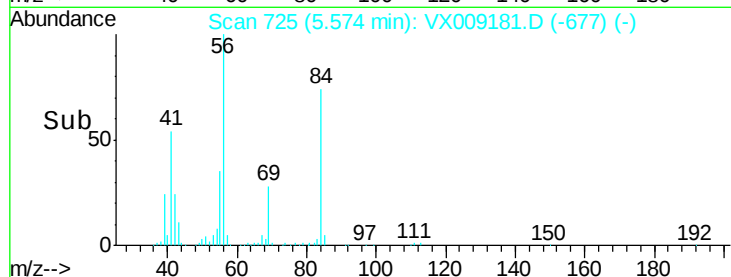
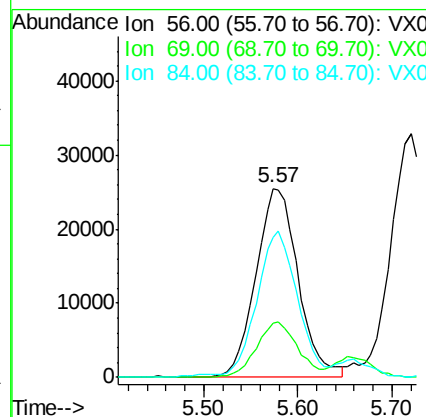
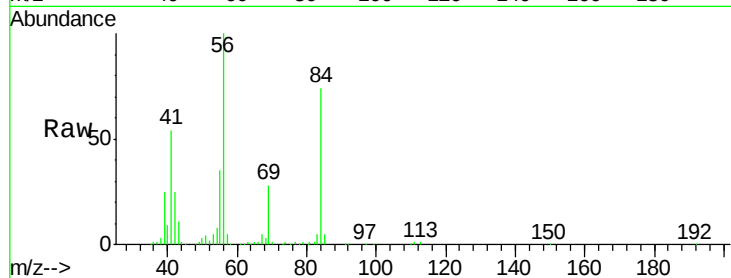
ClientSampleId :

VX0426WBS01

Tot Ion:	56	Resp:	80377
Ion	Ratio	Lower	Upper
56	100		
69	28.2	23.3	34.9
84	72.8	61.7	92.5

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 17.467 ug/l

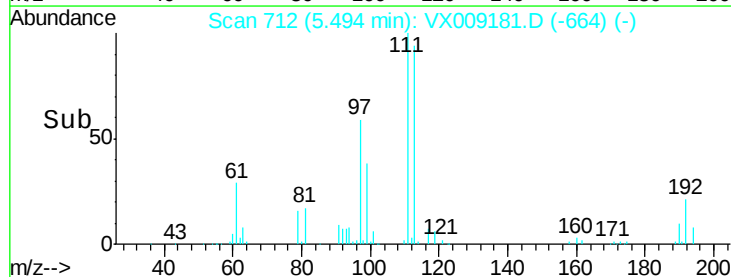
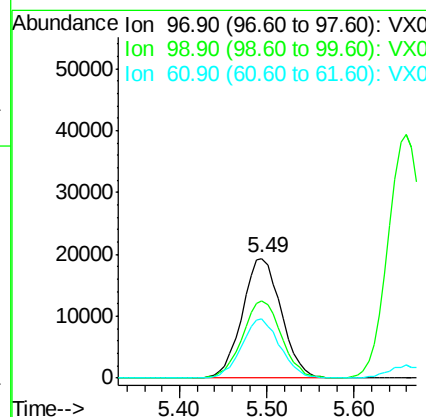
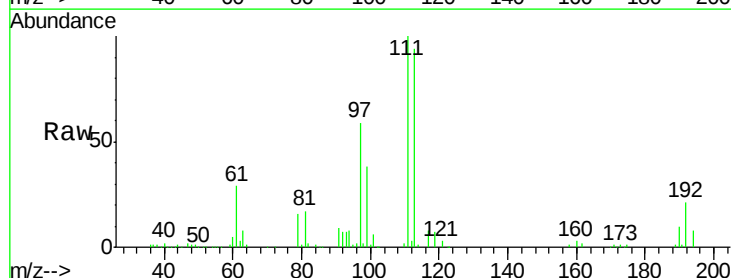
RT: 5.49 min Scan# 712

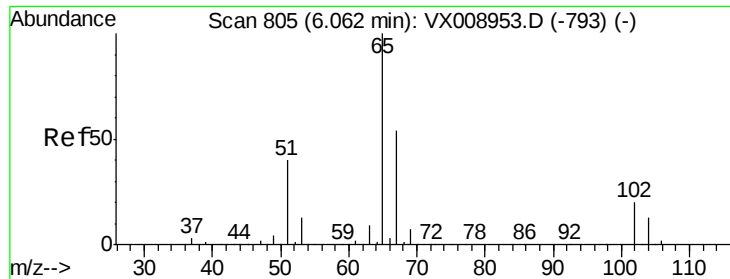
Delta R.T. -0.01 min

Lab File: VX009181.D

Acq: 26 Apr 2019 11:52

Tgt Ion:	97	Resp:	59851
Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.6	77.4
61	48.7	37.9	56.9





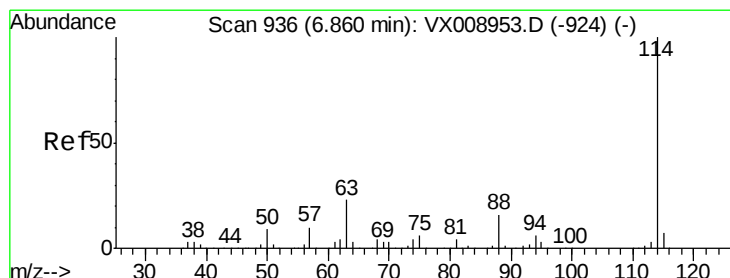
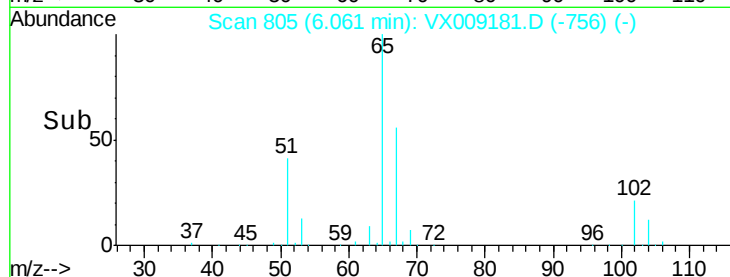
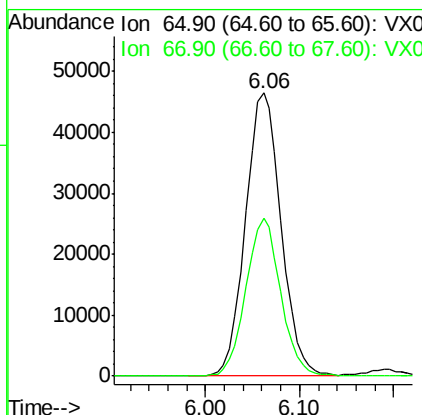
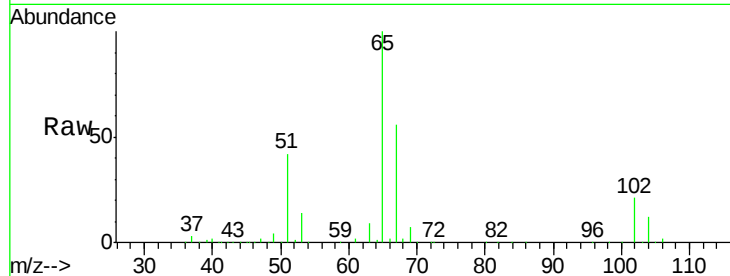
#33
 1,2-Dichloroethane-d4
 Concen: 43.114 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009181.D
 Acq: 26 Apr 2019 11:52

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0426WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.6	0.0	108.6

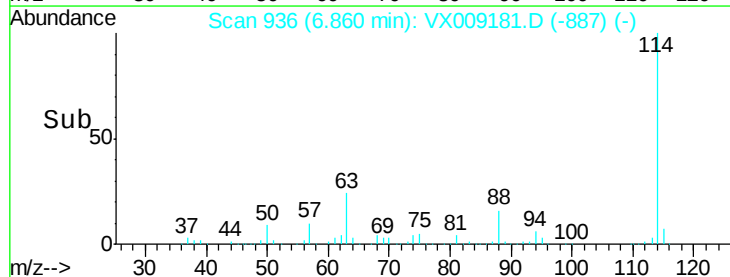
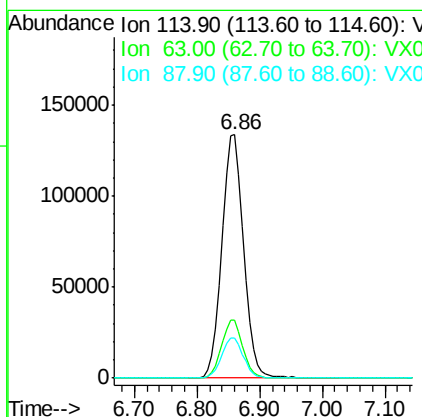
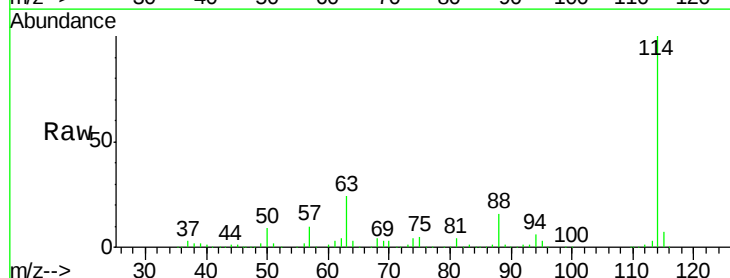
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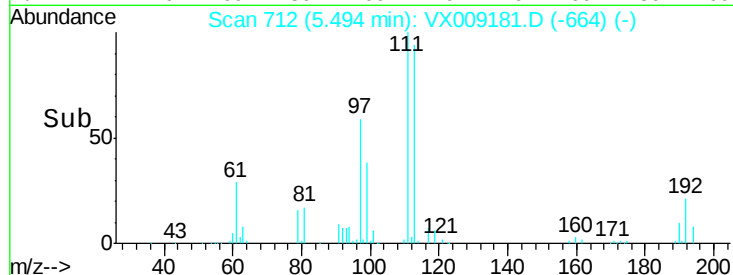
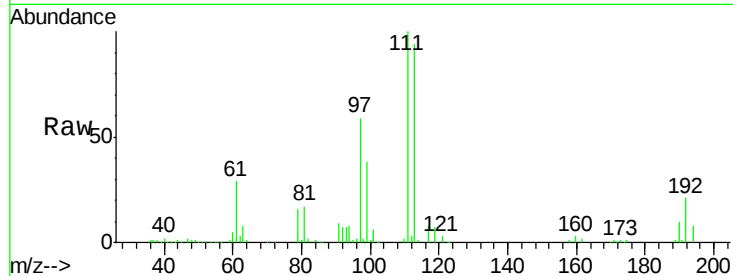
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009181.D
 Acq: 26 Apr 2019 11:52

Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.7	0.0	46.0
88	16.5	0.0	32.6





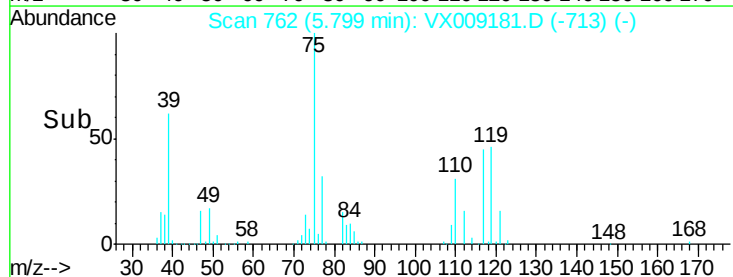
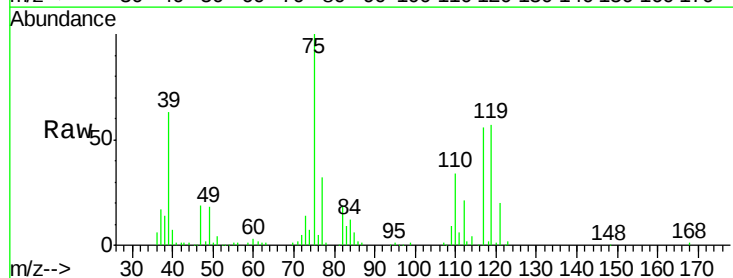
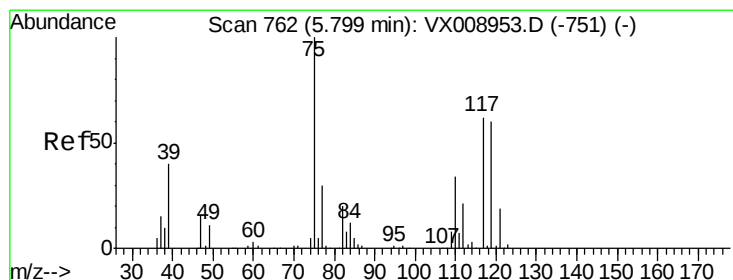
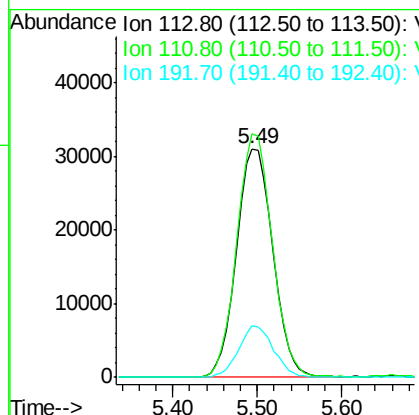
#35
Dibromofluoromethane
Concen: 44.114 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX009181.D
Acq: 26 Apr 2019 11:52

Tot Ion	Ratio	Resp	Lower	Upper
113	100	90938		
111	104.0	82.9	124.3	
192	21.7	17.4	26.0	

Instrument :
MSVOA_X
ClientSampleId :
VX0426WBS01

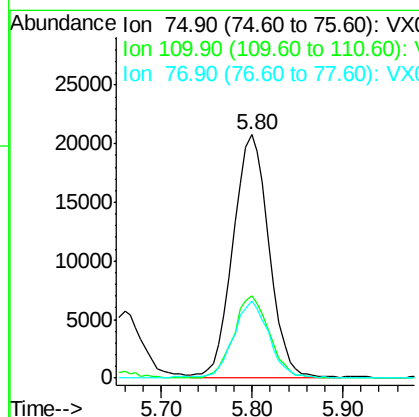
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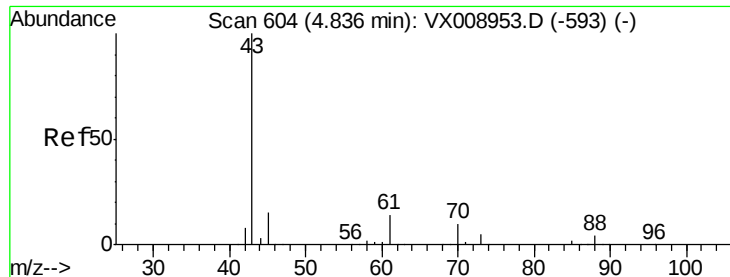
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#36
1,1-Dichloropropene
Concen: 17.046 ug/l
RT: 5.80 min Scan# 762
Delta R.T. -0.00 min
Lab File: VX009181.D
Acq: 26 Apr 2019 11:52

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	56626		
110	33.9	16.9	50.7	
77	32.1	25.0	37.4	





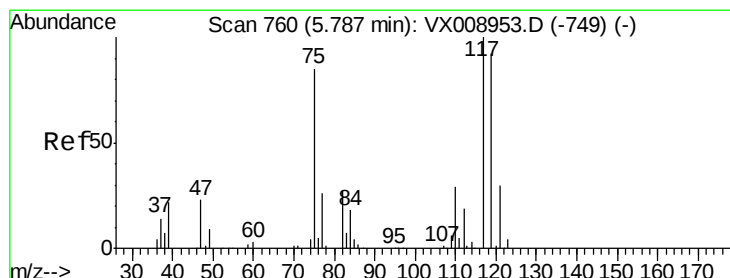
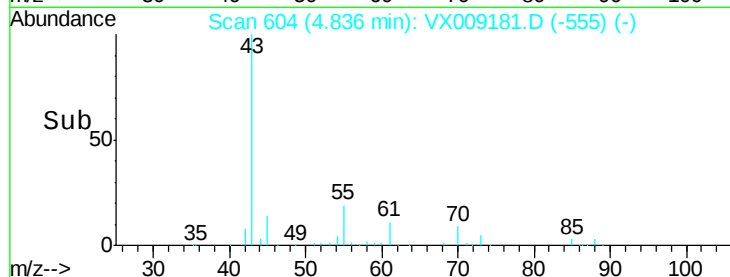
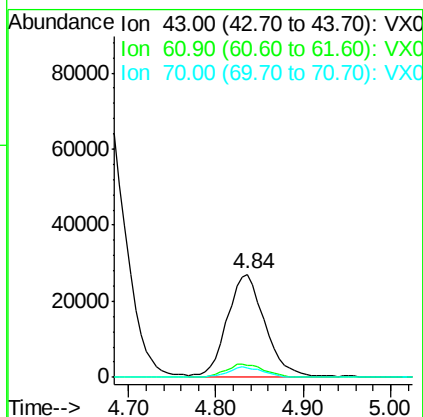
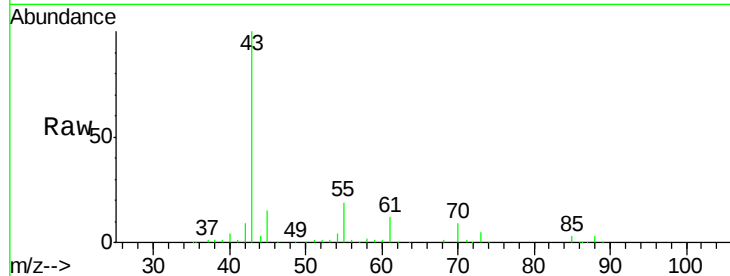
#37
Ethyl Acetate
Concen: 18.682 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX009181.D
Acq: 26 Apr 2019 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0426WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.6	15.8
70	9.7	7.7	11.5

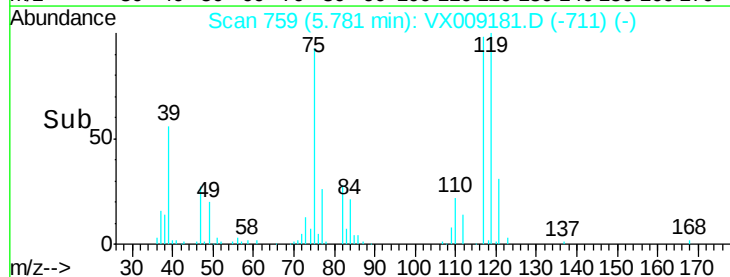
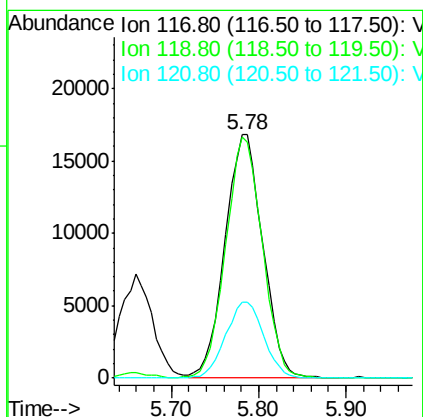
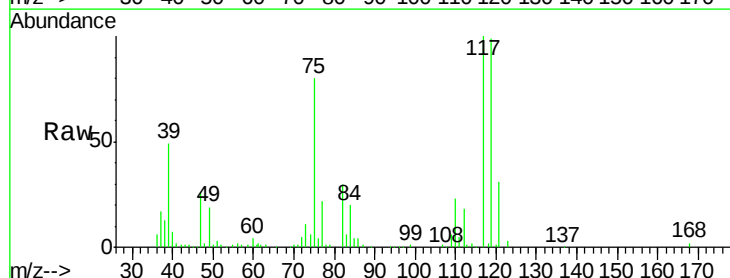
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#38
Carbon Tetrachloride
Concen: 17.902 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX009181.D
Acq: 26 Apr 2019 11:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.8	73.8	110.8
121	31.2	23.6	35.4





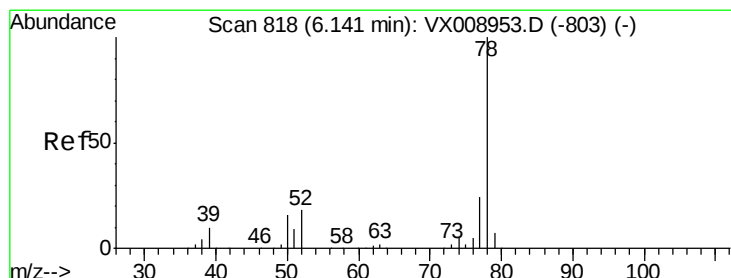
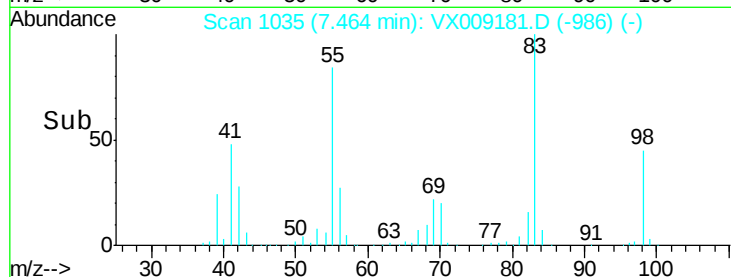
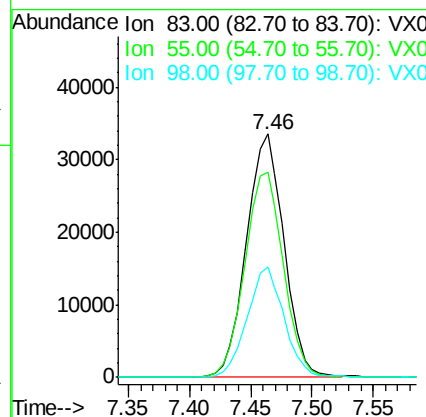
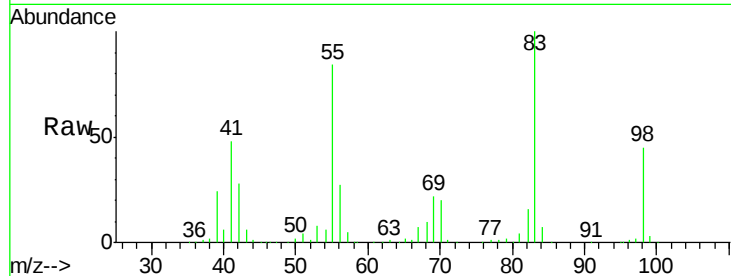
#39
Methylvlcyclohexane
Concen: 17.715 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX009181.D
Acq: 26 Apr 2019 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0426WBS01

Tot Ion	83.00	Resp:	71649
Ion	Ratio	Lower	Upper
83	100		
55	83.8	67.1	100.7
98	45.3	35.1	52.7

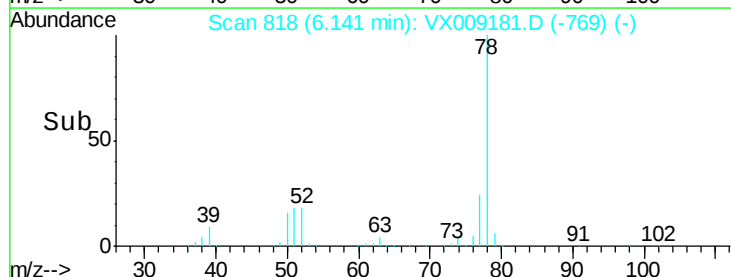
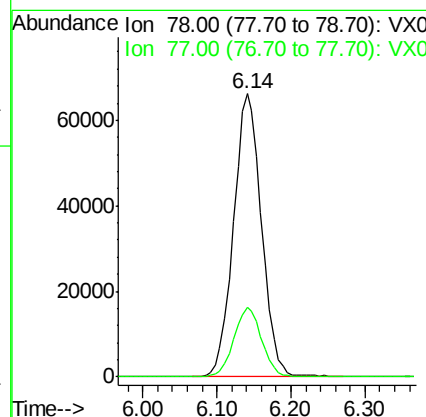
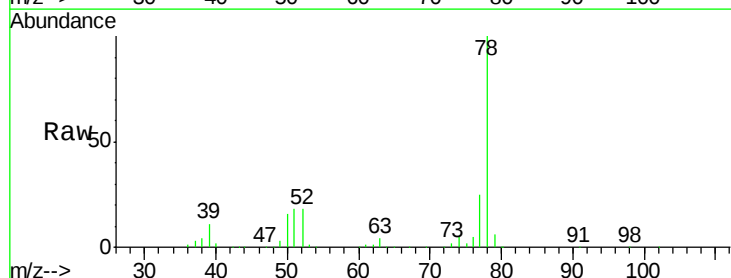
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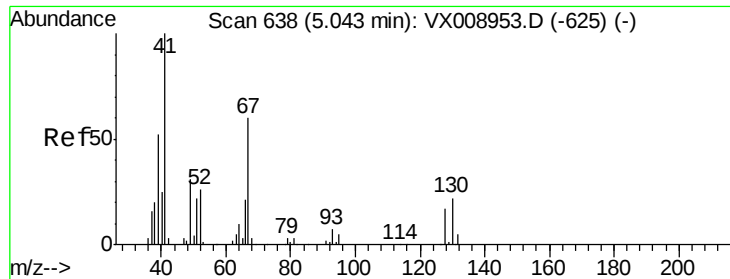
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#40
Benzene
Concen: 17.750 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX009181.D
Acq: 26 Apr 2019 11:52

Tgt Ion	78	Resp:	173949
Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.0	28.6





#41

Methacrylonitrile

Concen: 18.530 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX009181.D

Acq: 26 Apr 2019 11:52

Instrument :

MSVOA_X

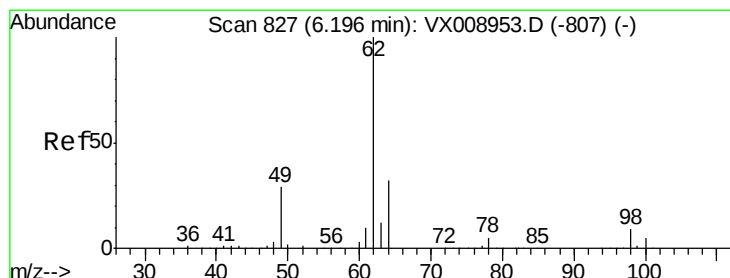
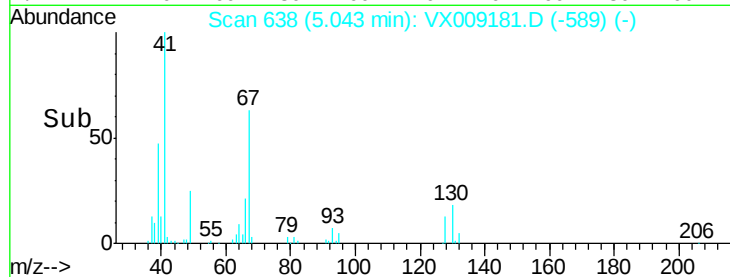
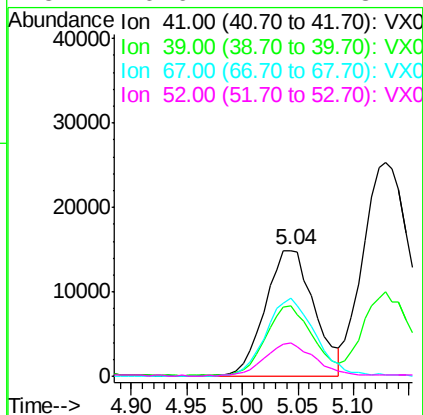
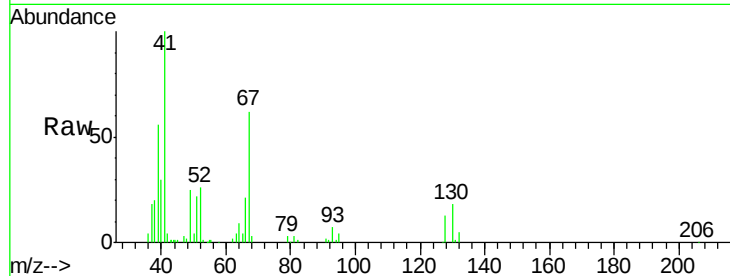
ClientSampleId :

VX0426WBS01

Tot Ion:	41	Resp:	45460
Ion	Ratio	Lower	Upper
41	100		
39	53.9	41.8	62.6
67	63.1	50.2	75.4
52	26.6	21.1	31.7

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 17.991 ug/l

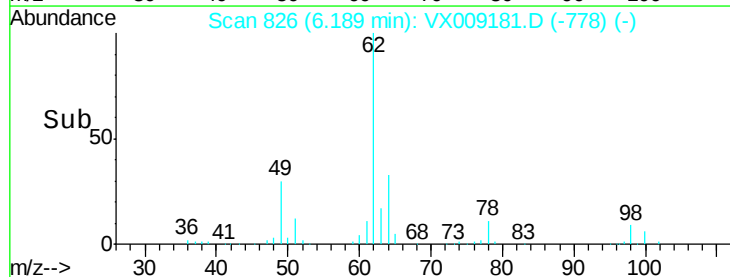
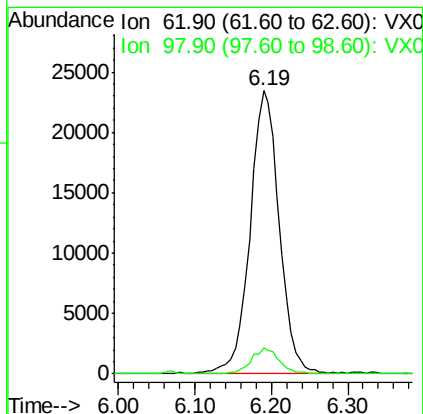
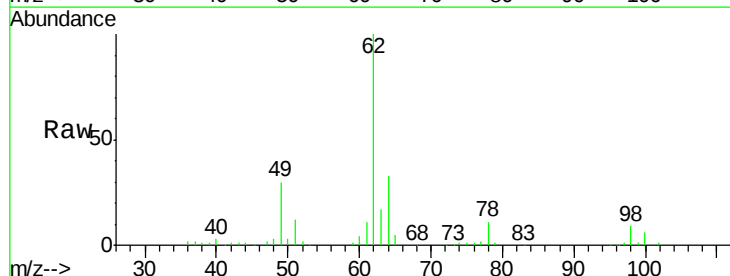
RT: 6.19 min Scan# 826

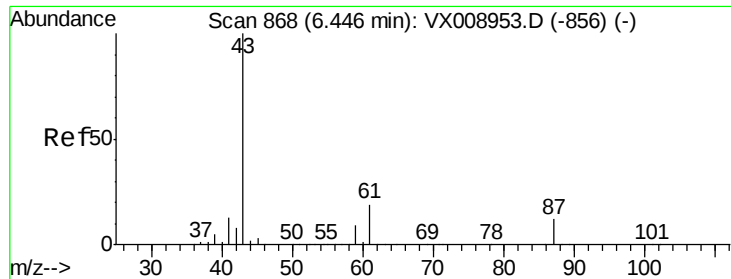
Delta R.T. -0.01 min

Lab File: VX009181.D

Acq: 26 Apr 2019 11:52

Tgt Ion:	62	Resp:	62456
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	18.4





#43

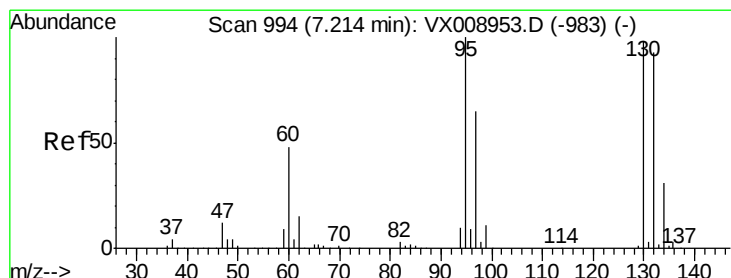
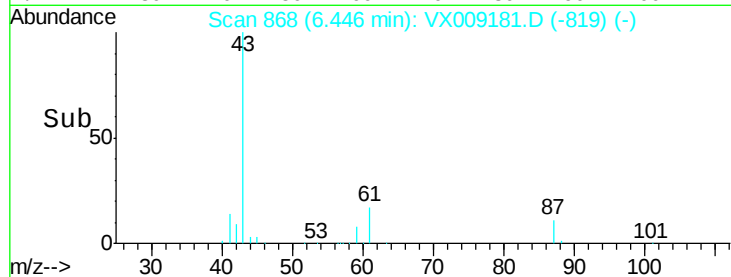
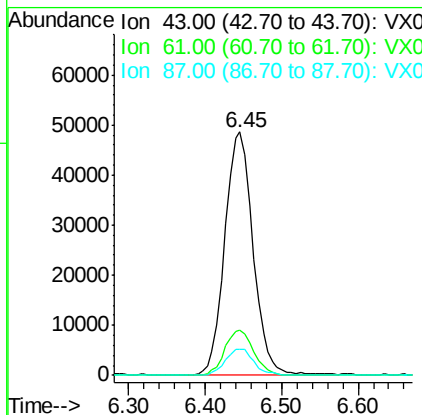
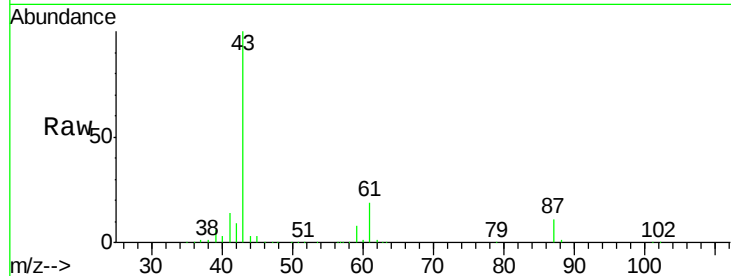
Isopropyl Acetate
 Concen: 17.929 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX009181.D
 Acq: 26 Apr 2019 11:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0426WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.1	15.4	23.0
87	11.2	9.0	13.4

Manual Integrations
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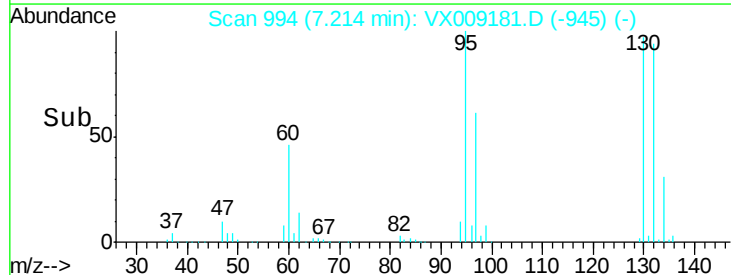
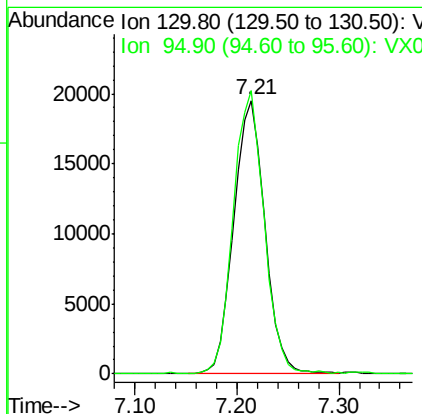
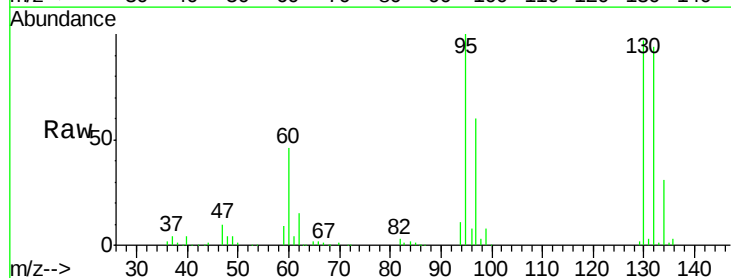
MMDadoda
 4/29/2019 11:25:05 AM

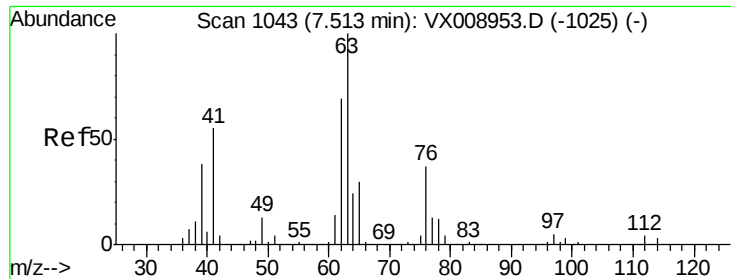


#44

Trichloroethene
 Concen: 17.241 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX009181.D
 Acq: 26 Apr 2019 11:52

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.4	0.0	203.2





#45

1,2-Dichloropropane

Concen: 18.058 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX009181.D

Acq: 26 Apr 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0426WBS01

Tot Ion: 63 Resp: 49097

Ion Ratio Lower Upper

63 100

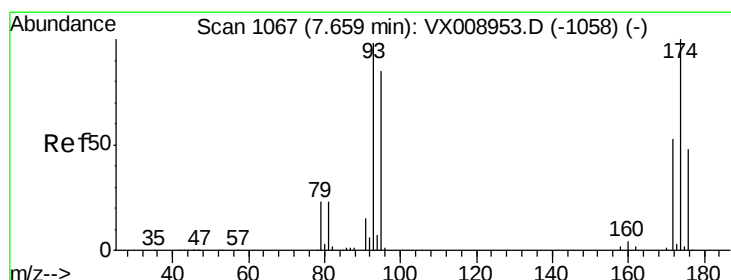
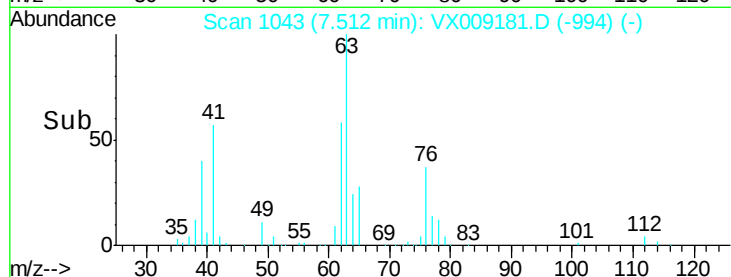
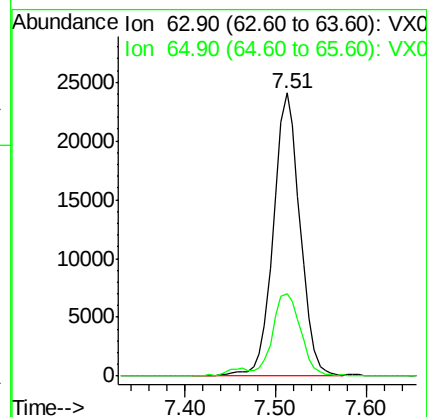
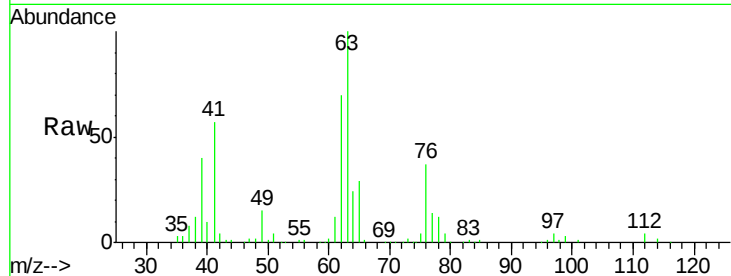
65 29.2 24.1 36.1

Manual Integrations

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4/29/2019 11:25:05 AM



#46

Dibromomethane

Concen: 17.542 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX009181.D

Acq: 26 Apr 2019 11:52

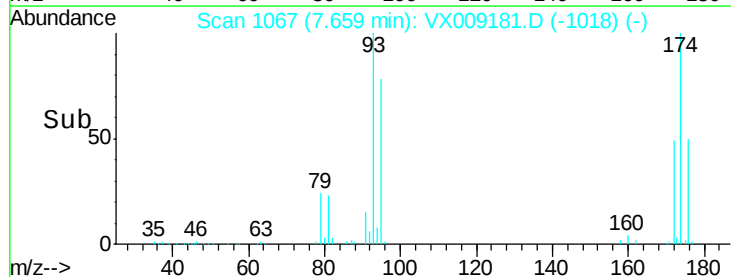
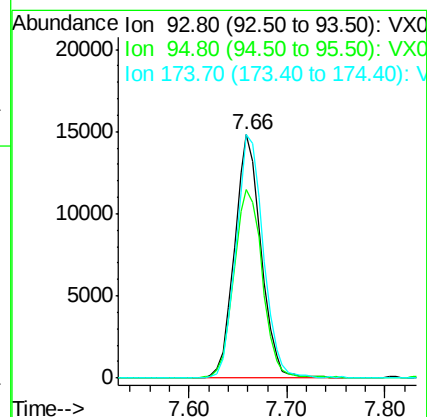
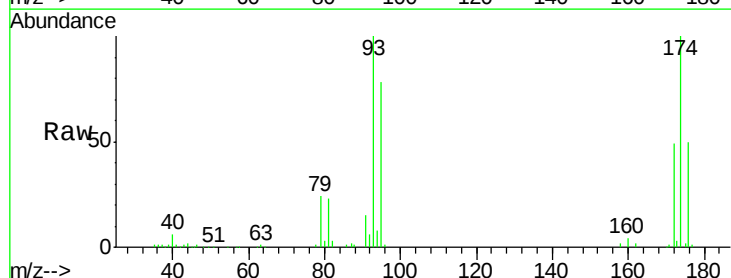
Tgt Ion: 93 Resp: 27756

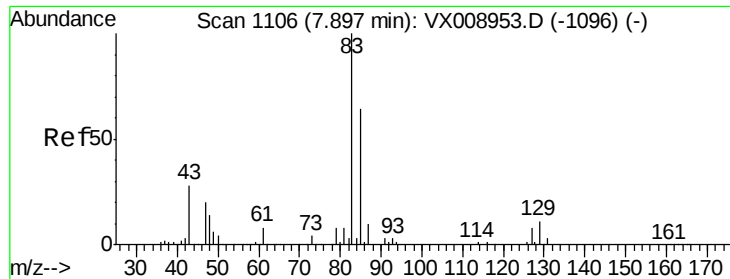
Ion Ratio Lower Upper

93 100

95 83.2 67.0 100.4

174 103.1 81.6 122.4





#47

Bromodichloromethane

Concen: 17.790 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009181.D

Acq: 26 Apr 2019 11:52

Instrument :

MSVOA_X

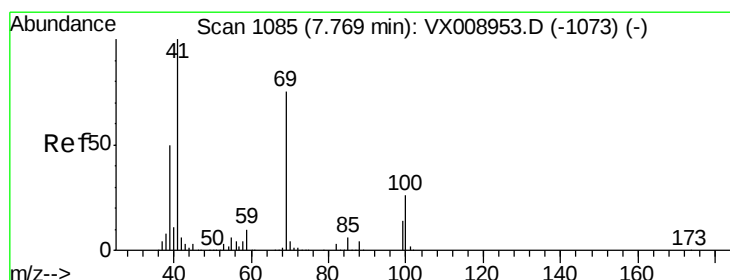
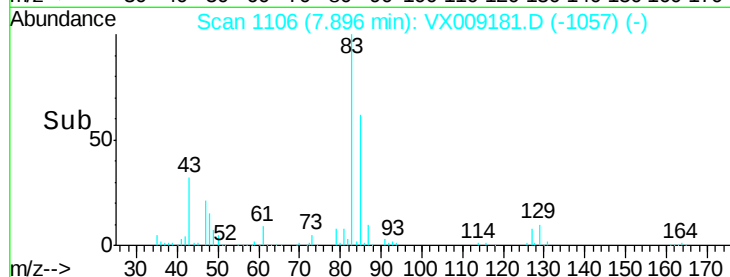
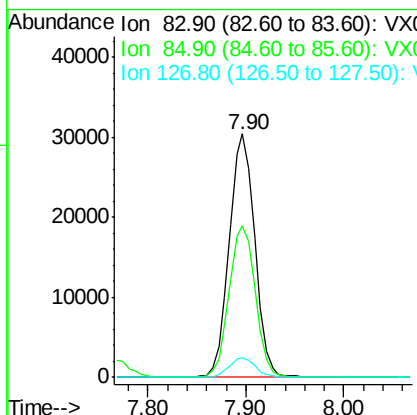
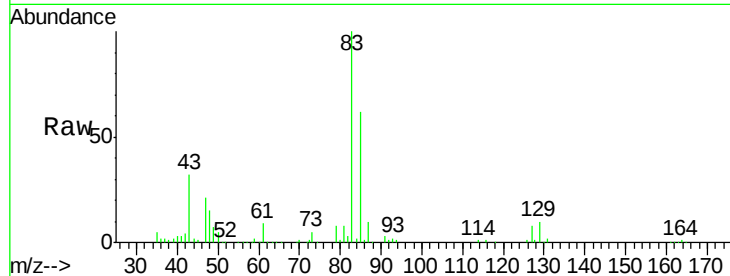
ClientSampleId :

VX0426WBS01

Tot Ion:	83	Resp:	55208
Ion	Ratio	Lower	Upper
83	100		
85	62.0	50.8	76.2
127	7.9	6.4	9.6

Manual Integrations
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4/29/2019 11:25:05 AM



#48

Methyl methacrylate

Concen: 18.540 ug/l

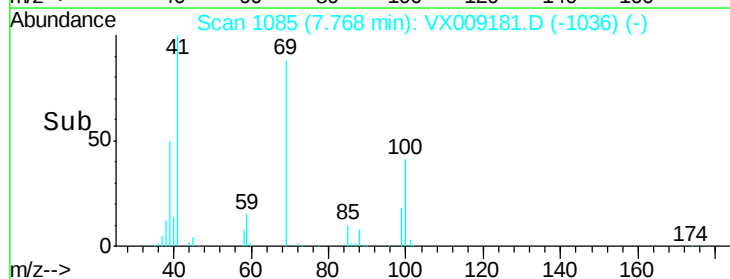
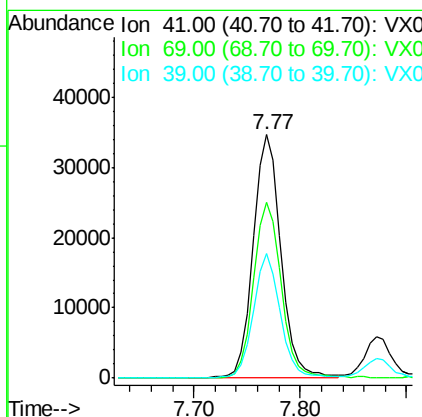
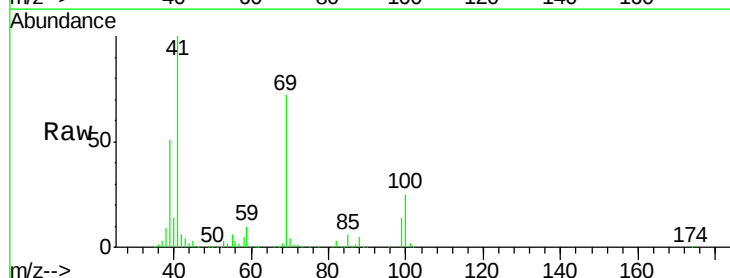
RT: 7.77 min Scan# 1085

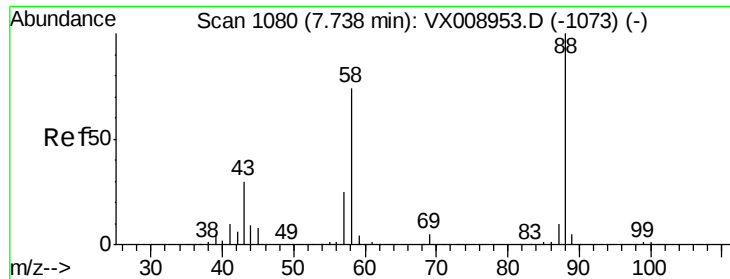
Delta R.T. -0.00 min

Lab File: VX009181.D

Acq: 26 Apr 2019 11:52

Tgt Ion:	41	Resp:	63106
Ion	Ratio	Lower	Upper
41	100		
69	73.0	59.4	89.2
39	50.5	39.8	59.6





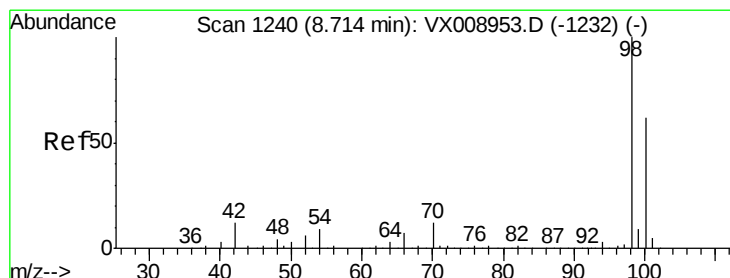
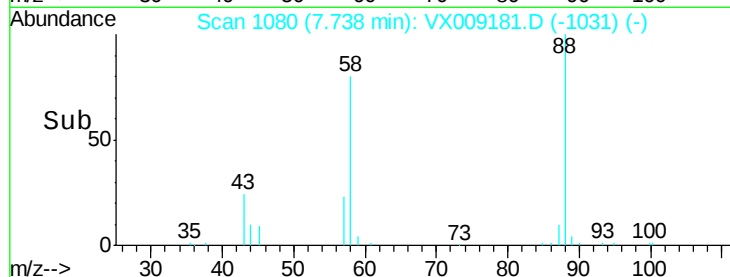
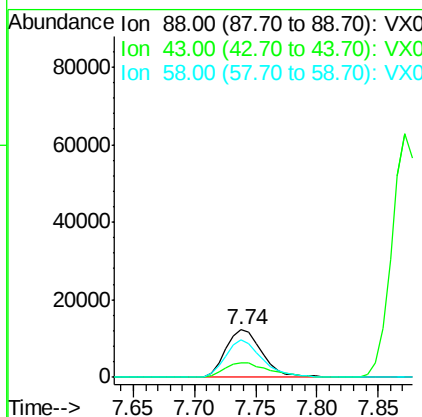
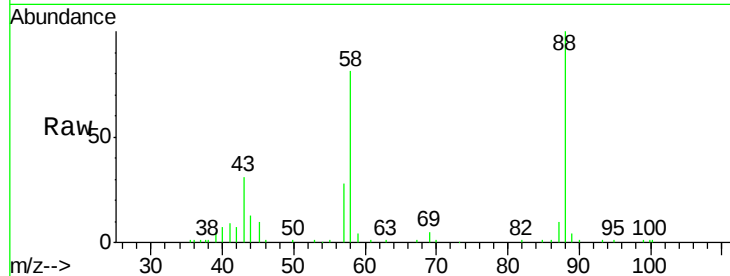
#49
1,4-Dioxane
Concen: 398.451 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX009181.D
Acq: 26 Apr 2019 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0426WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.4	29.3	43.9
58	79.8	62.6	93.8

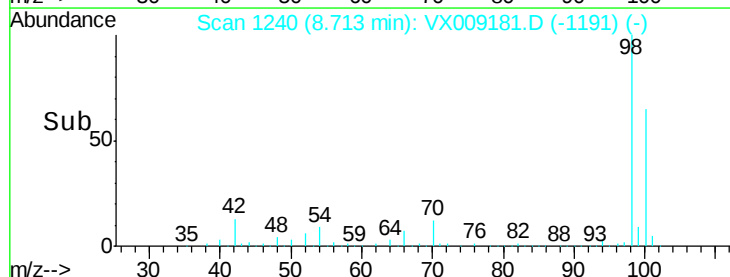
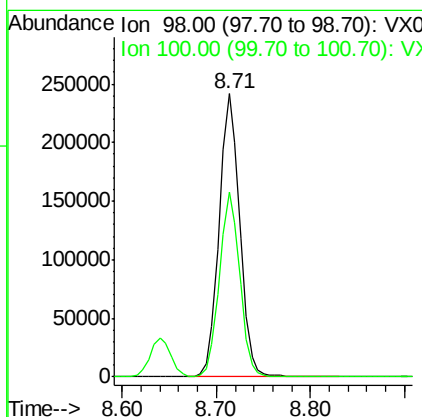
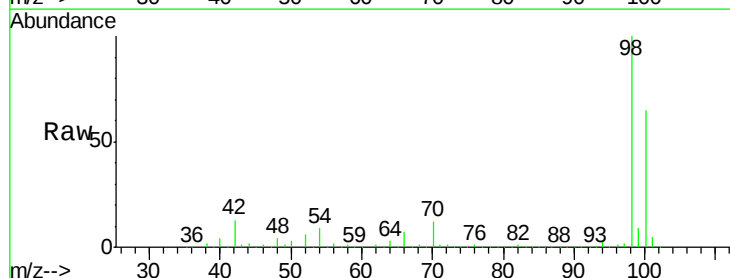
Manual Integrations
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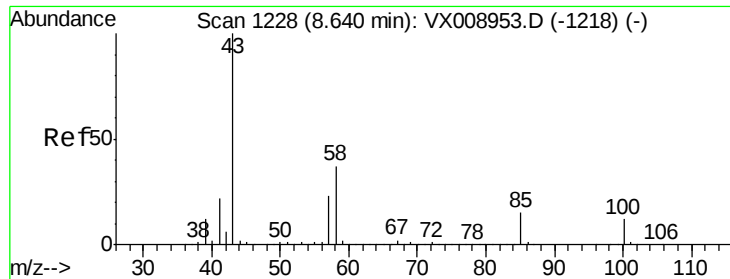
MMDadoda
4/29/2019 11:25:05 AM



#50
Toluene-d8
Concen: 44.691 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009181.D
Acq: 26 Apr 2019 11:52

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.4	77.2





#51

4-Methyl-2-Pentanone

Concen: 95.589 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX009181.D

Acq: 26 Apr 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0426WBS01

Tot Ion: 43 Resp: 419496

Ion Ratio Lower Upper

43 100

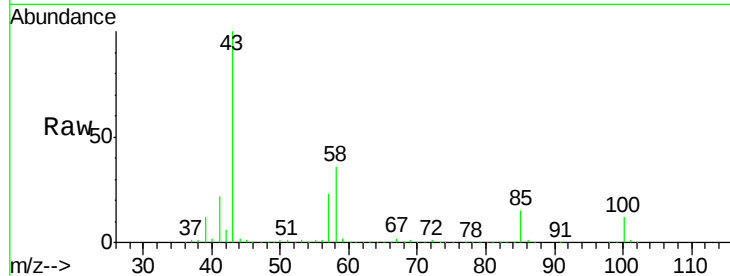
58 36.3 29.8 44.6

Manual Integrations

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4/29/2019 11:25:05 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

300000

250000

200000

150000

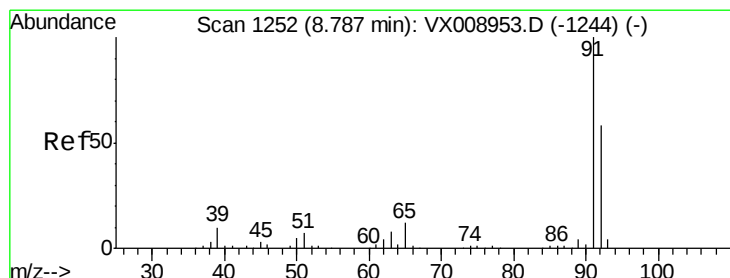
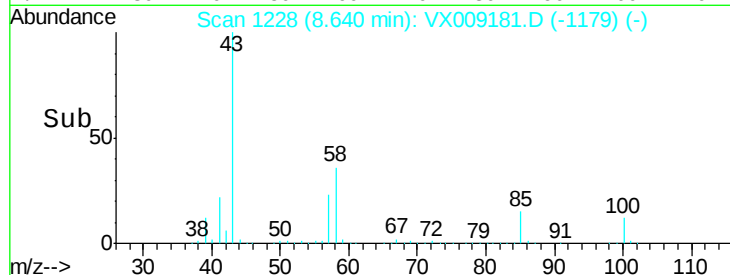
100000

50000

0

8.55 8.60 8.65 8.70

Time-->



#52

Toluene

Concen: 17.998 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX009181.D

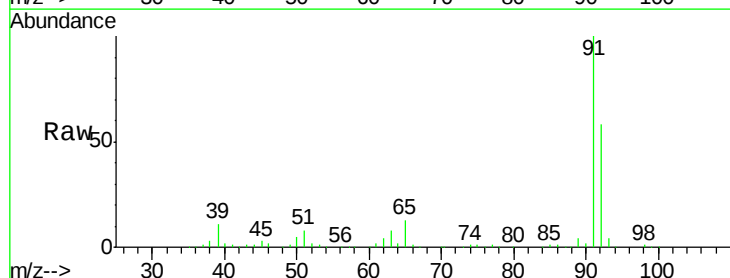
Acq: 26 Apr 2019 11:52

Tgt Ion: 92 Resp: 105710

Ion Ratio Lower Upper

92 100

91 172.3 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

120000

100000

80000

60000

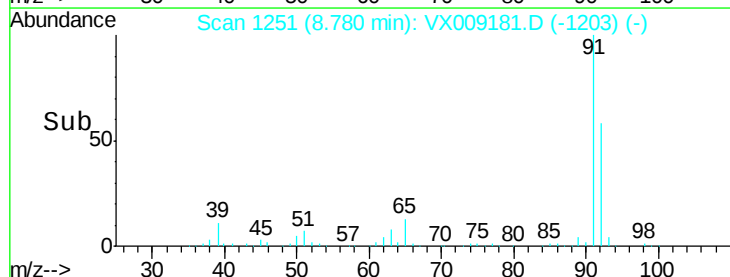
40000

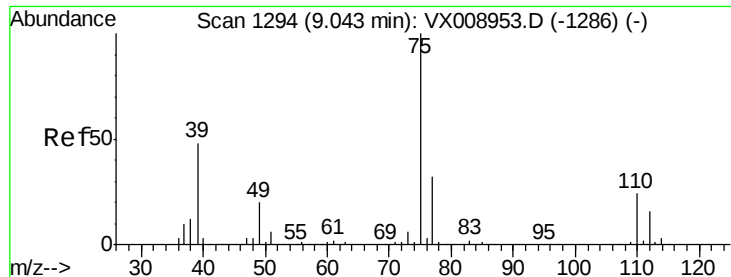
20000

0

8.70 8.75 8.80 8.85 8.90

Time-->





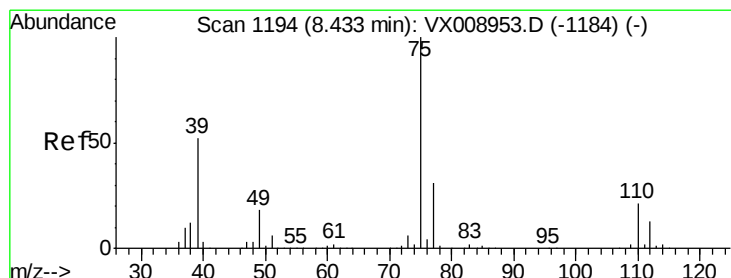
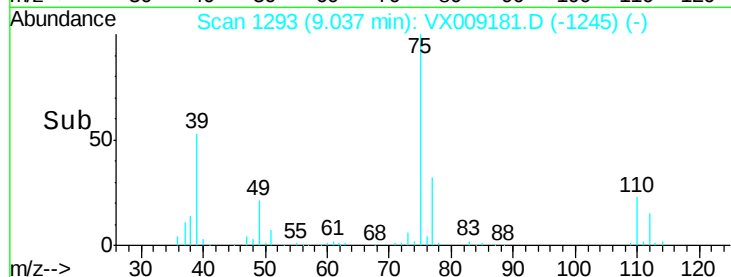
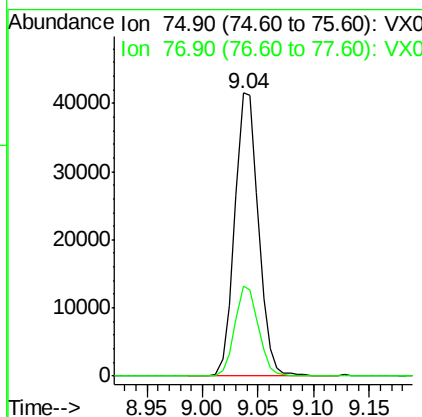
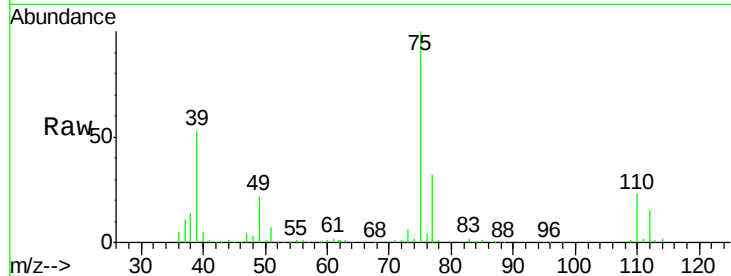
#53
 t-1,3-Dichloropropene
 Concen: 17.256 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: VX009181.D
 Acq: 26 Apr 2019 11:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0426WBS01

Tot Ion: 75 Resp: 61632
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.2

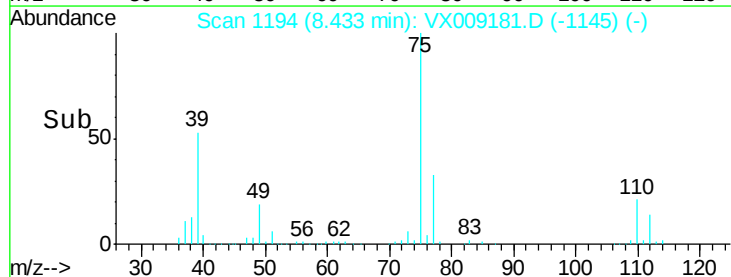
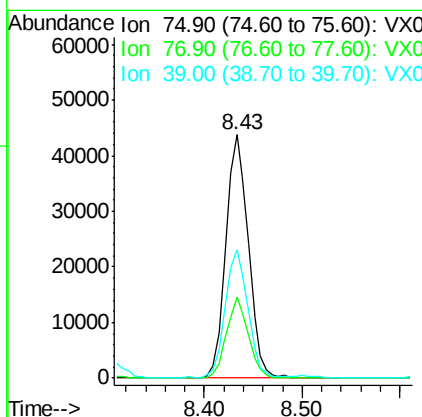
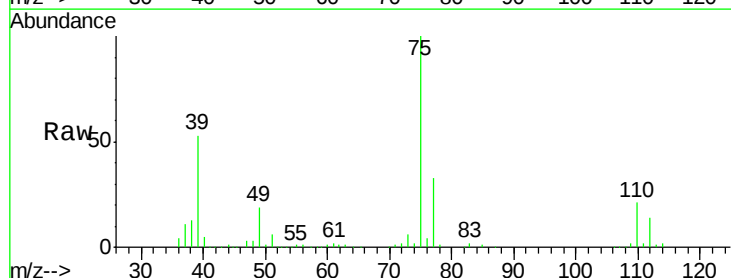
Manual Integrations
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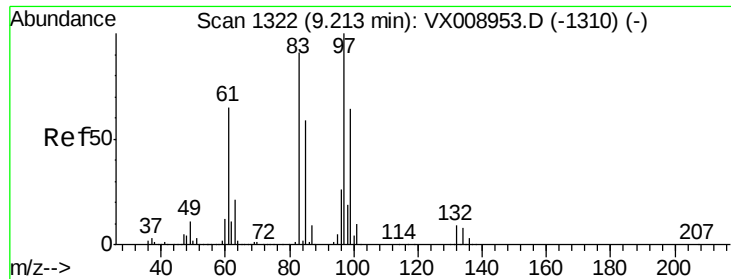
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#54
 cis-1,3-Dichloropropene
 Concen: 17.476 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX009181.D
 Acq: 26 Apr 2019 11:52

Tgt Ion: 75 Resp: 69889
 Ion Ratio Lower Upper
 75 100
 77 33.2 24.8 37.2
 39 52.7 41.8 62.6





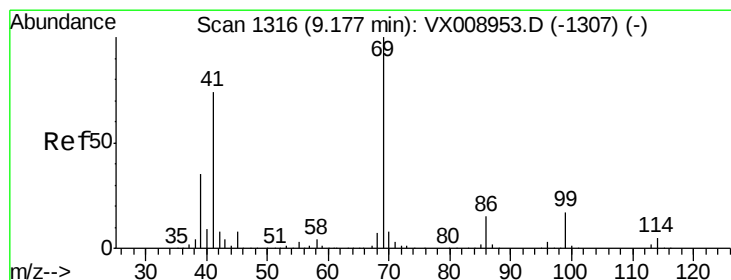
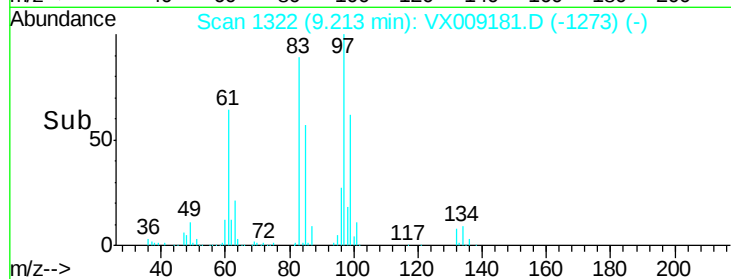
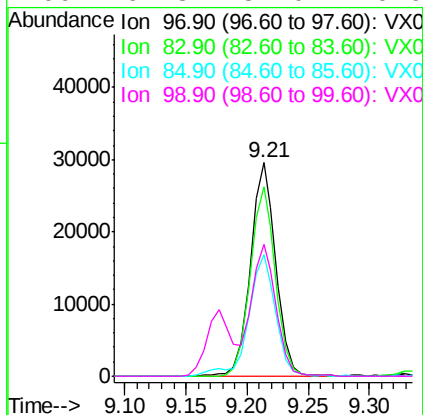
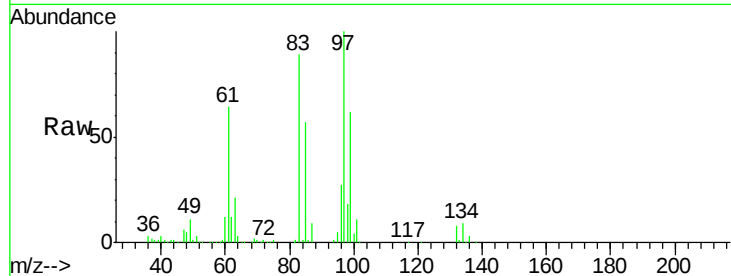
#55
 1,1,2-Trichloroethane
 Concen: 18.334 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX009181.D
 Acq: 26 Apr 2019 11:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0426WBS01

Tot Ion:	97	Resp:	42677
Ion	Ratio	Lower	Upper
97	100		
83	88.5	72.6	108.8
85	57.1	46.9	70.3
99	61.3	51.0	76.6

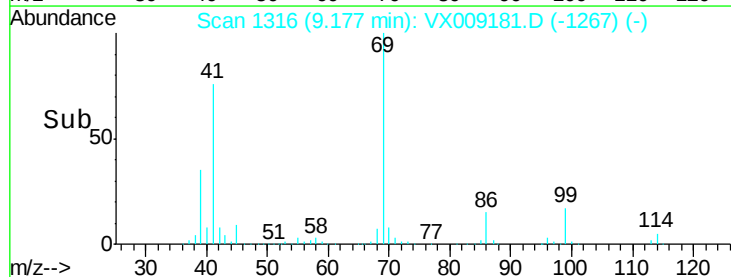
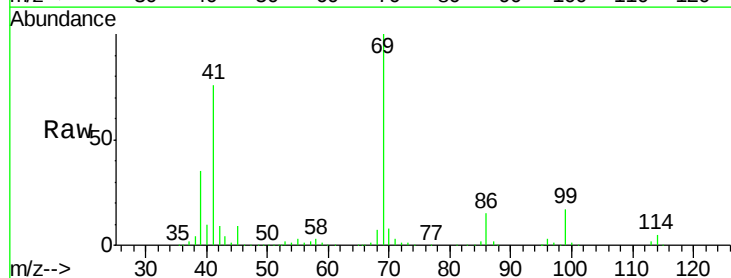
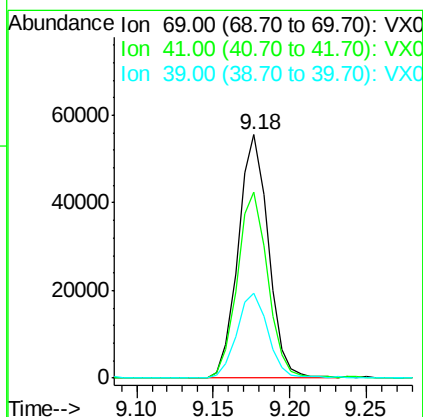
Manual Integrations
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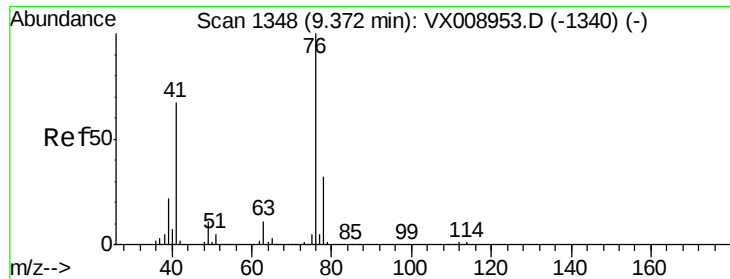
MMDadoda
 4/29/2019 11:25:05 AM



#56
 Ethyl methacrylate
 Concen: 18.245 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX009181.D
 Acq: 26 Apr 2019 11:52

Tgt Ion:	69	Resp:	76154
Ion	Ratio	Lower	Upper
69	100		
41	77.4	60.2	90.2
39	36.2	27.9	41.9





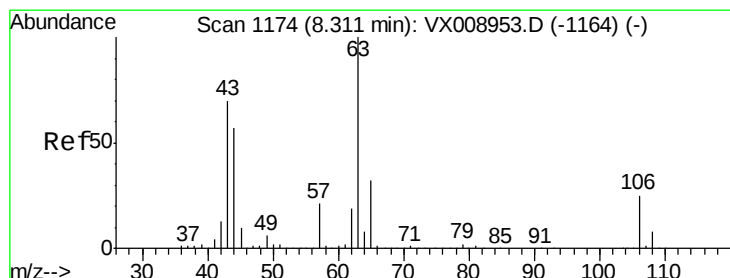
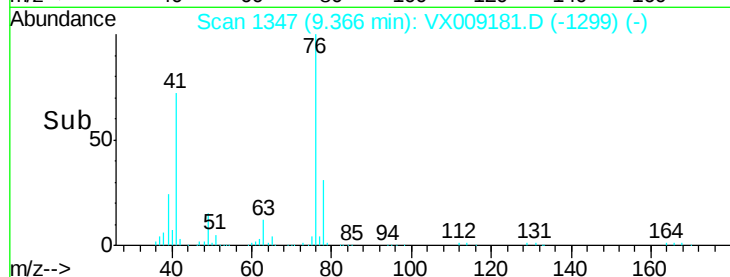
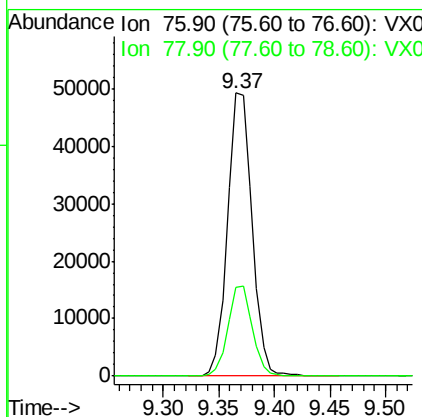
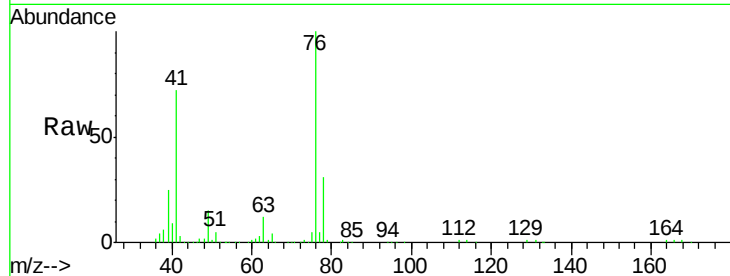
#57
 1,3-Dichloropropane
 Concen: 18.111 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. -0.01 min
 Lab File: VX009181.D
 Acq: 26 Apr 2019 11:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0426WBS01

Tot Ion: 76 Resp: 75062
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.7 38.5

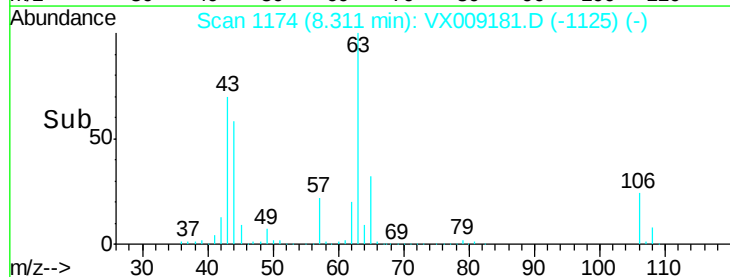
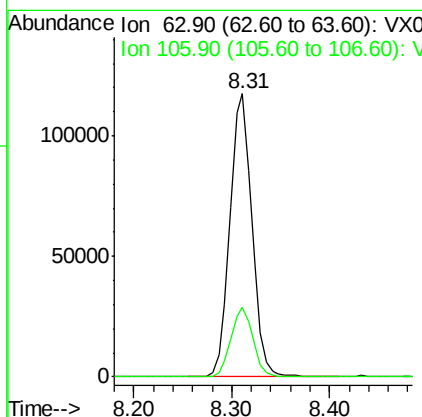
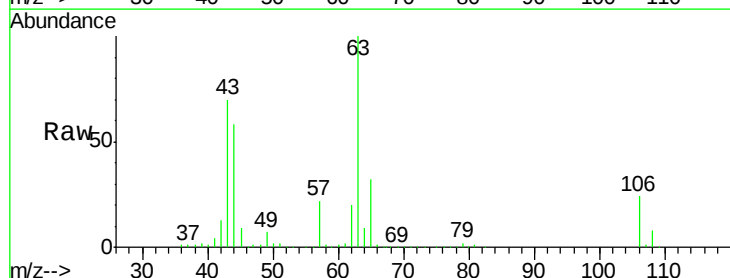
Manual Integrations
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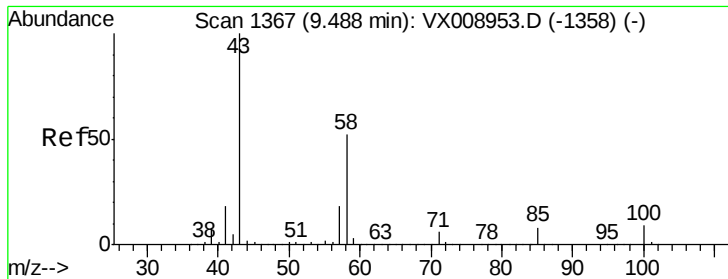
MMDadoda
 4/29/2019 11:25:05 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 81.943 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX009181.D
 Acq: 26 Apr 2019 11:52

Tgt Ion: 63 Resp: 184179
 Ion Ratio Lower Upper
 63 100
 106 24.3 19.8 29.6





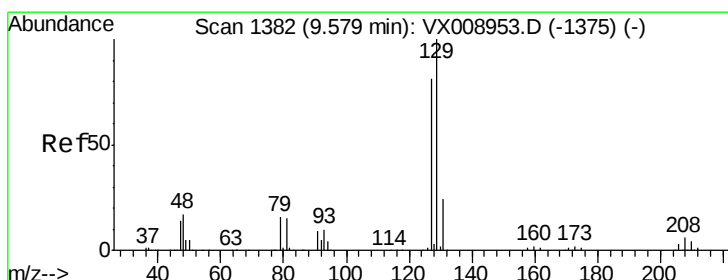
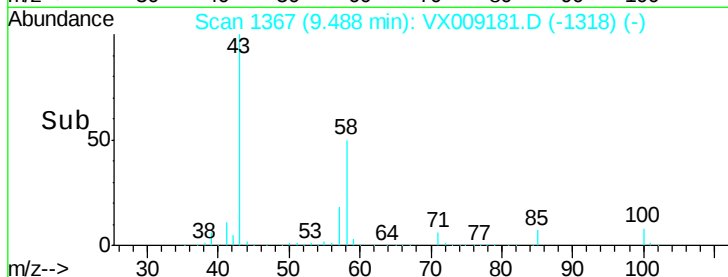
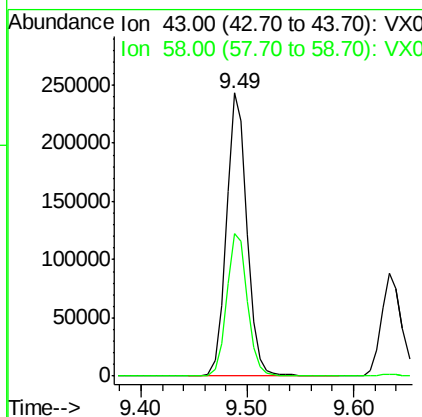
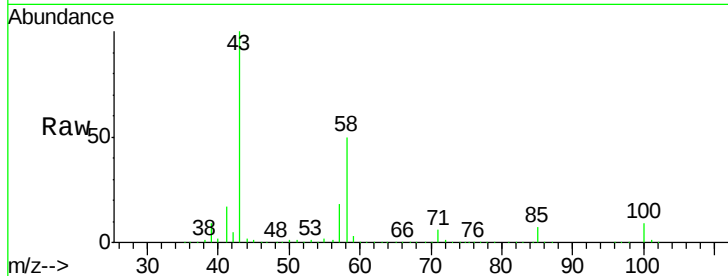
#59
2-Hexanone
Concen: 96.608 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX009181.D
Acq: 26 Apr 2019 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0426WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	51.4	25.9	77.8

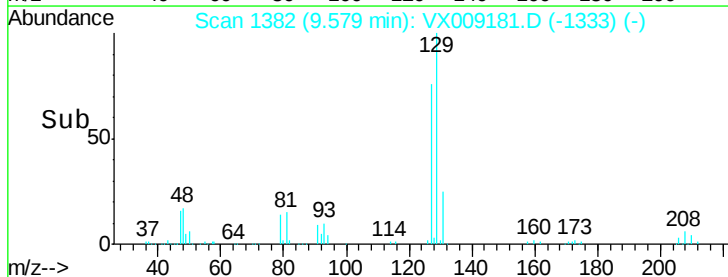
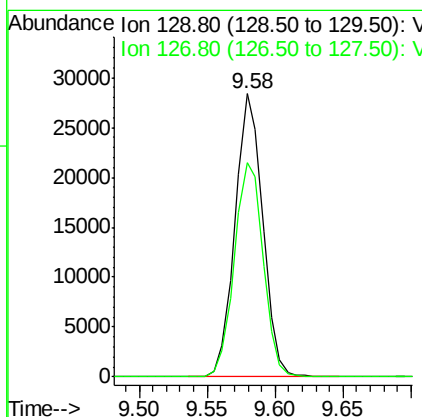
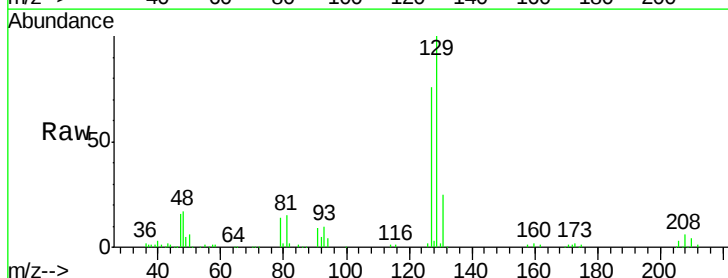
Manual Integrations
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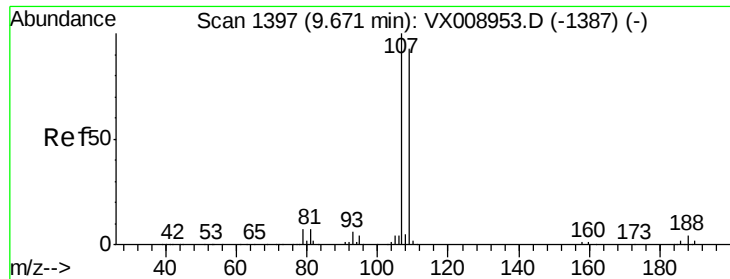
MMDadoda
4/29/2019 11:25:05 AM



#60
Dibromochloromethane
Concen: 18.010 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX009181.D
Acq: 26 Apr 2019 11:52

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.9	39.1	117.2





#61

1,2-Dibromoethane

Concen: 18.250 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009181.D

Acq: 26 Apr 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0426WBS01

Tot Ion:107 Resp: 43846

Ion Ratio Lower Upper

107 100

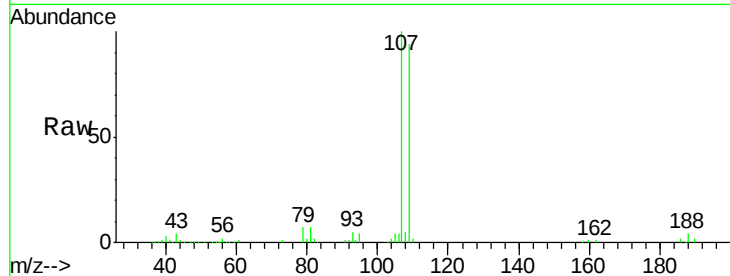
109 91.8 74.4 111.6

Manual Integrations

APPROVED

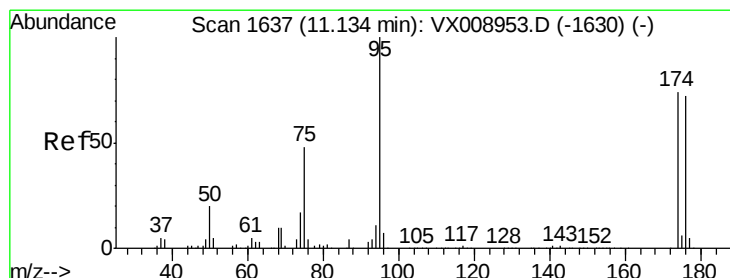
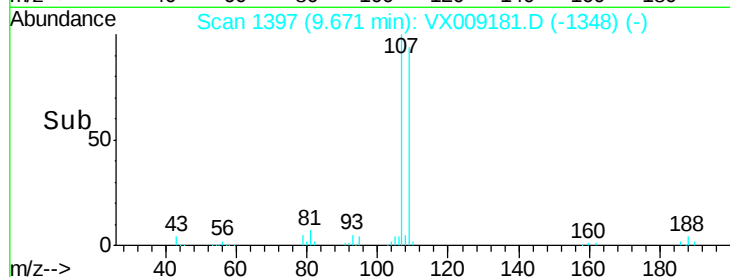
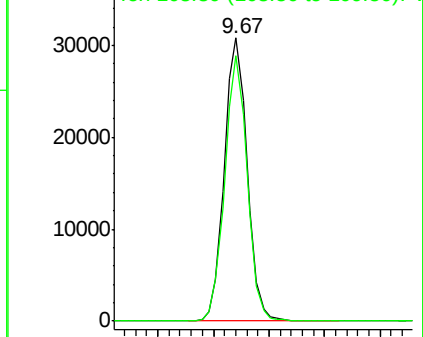
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.304 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009181.D

Acq: 26 Apr 2019 11:52

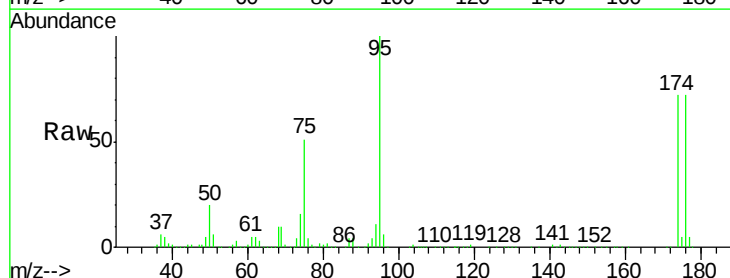
Tgt Ion: 95 Resp: 134376

Ion Ratio Lower Upper

95 100

174 79.6 0.0 159.6

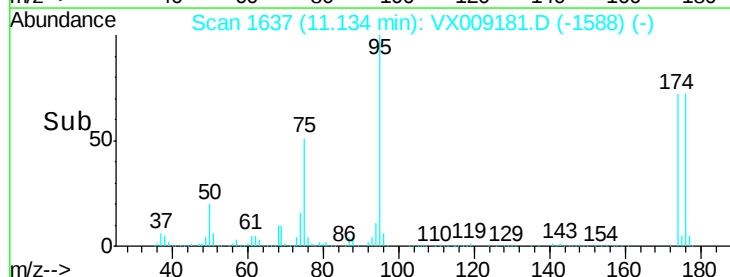
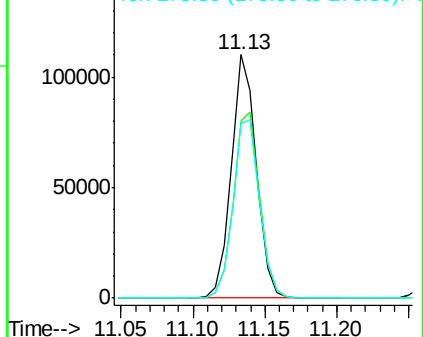
176 77.4 0.0 154.8

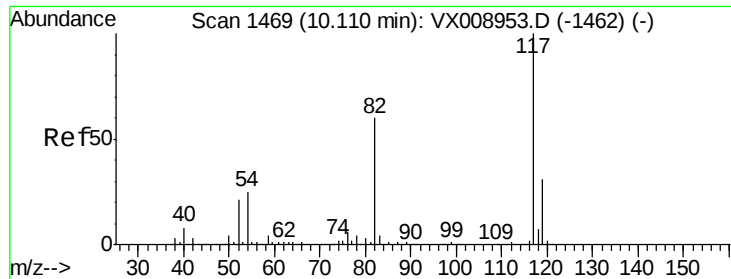


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





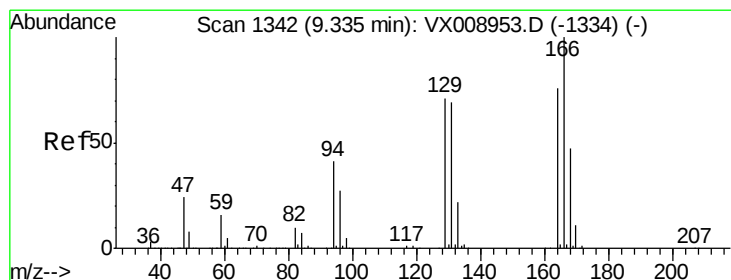
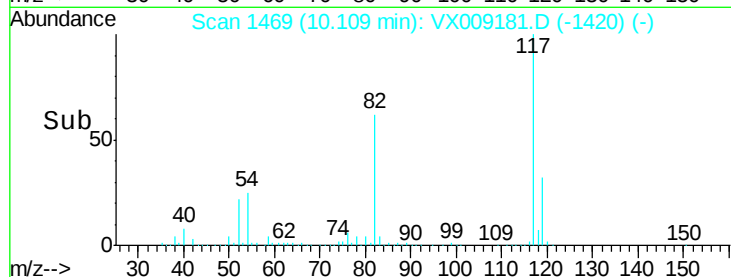
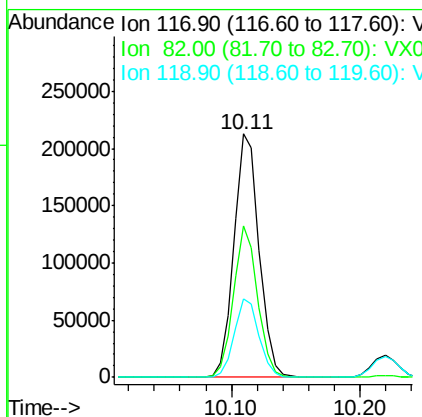
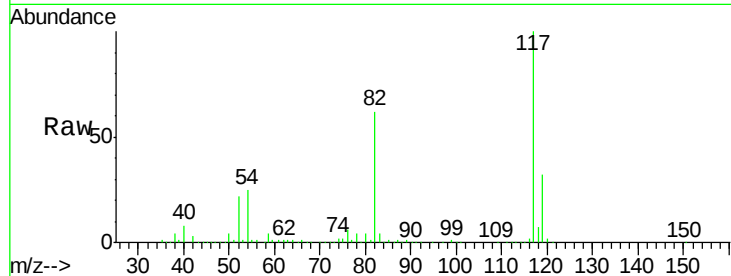
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009181.D
Acq: 26 Apr 2019 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0426WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	62.5	48.2	72.4
119	32.4	25.0	37.6

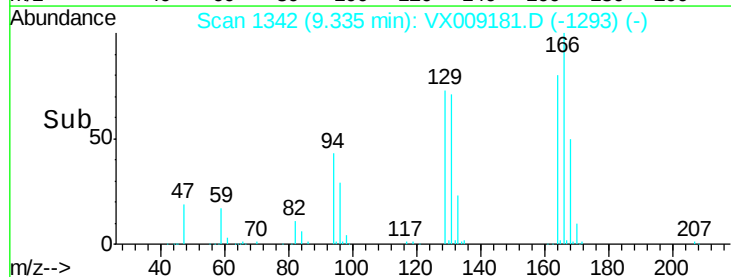
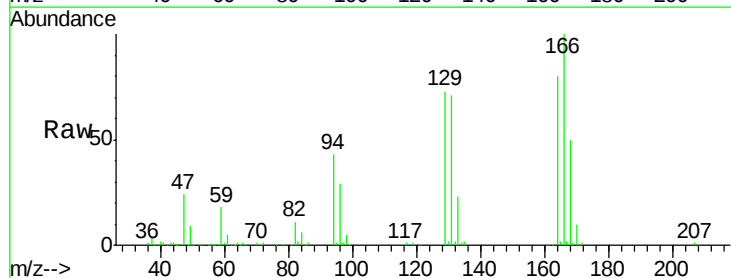
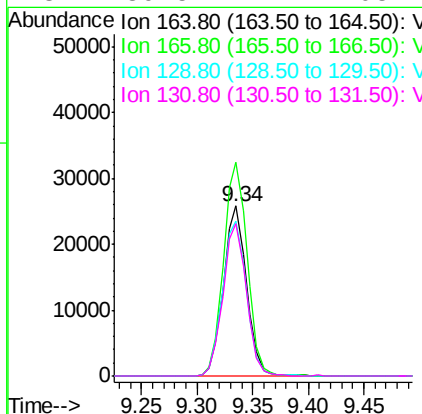
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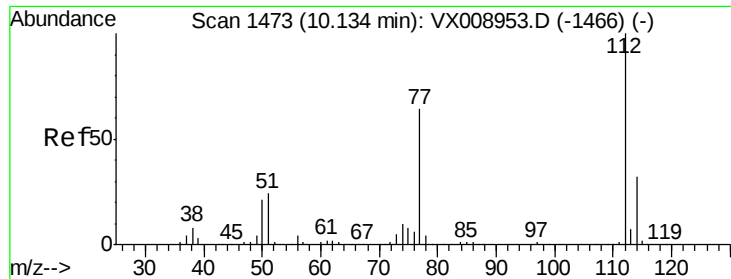
MMDadoda
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#64
Tetrachloroethene
Concen: 16.857 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009181.D
Acq: 26 Apr 2019 11:52

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.7	105.0	157.4
129	91.3	74.2	111.4
131	89.5	72.2	108.2





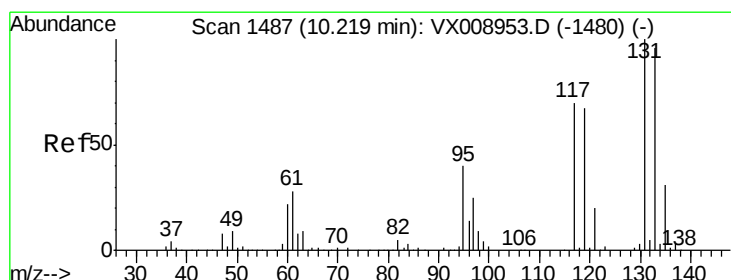
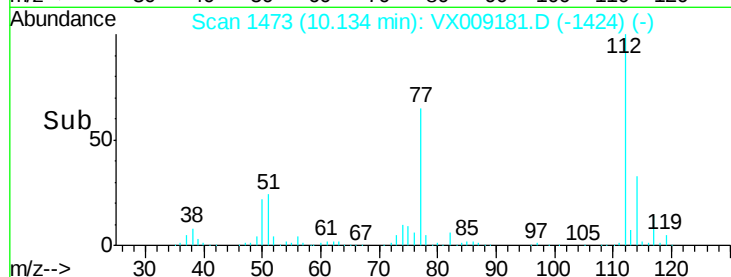
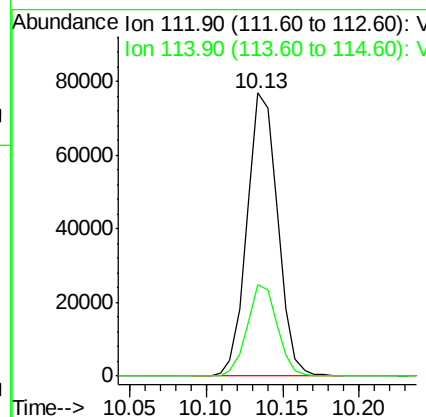
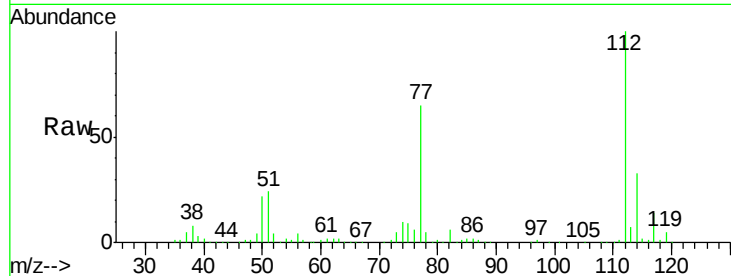
#65
Chlorobenzene
Concen: 17.583 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX009181.D
Acq: 26 Apr 2019 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0426WBS01

Tot Ion:112 Resp: 107345
Ion Ratio Lower Upper
112 100
114 32.5 25.4 38.0

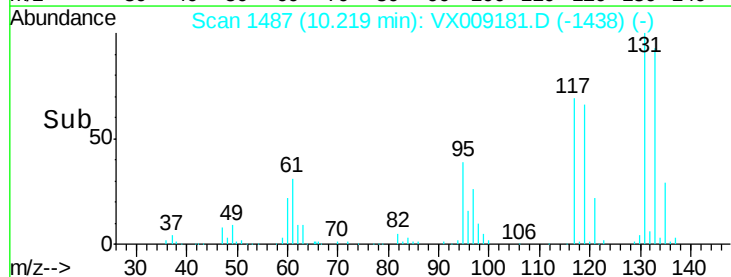
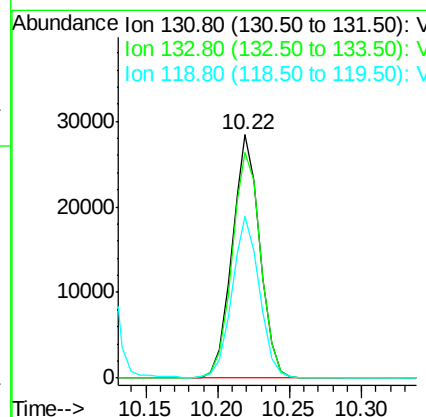
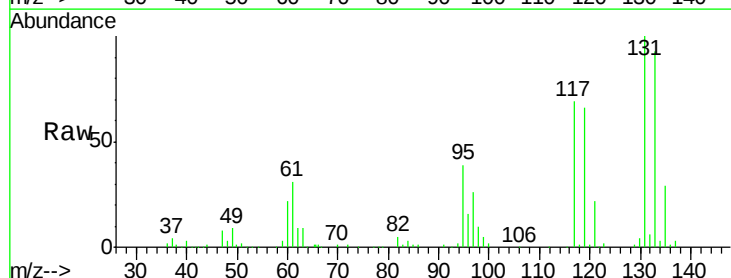
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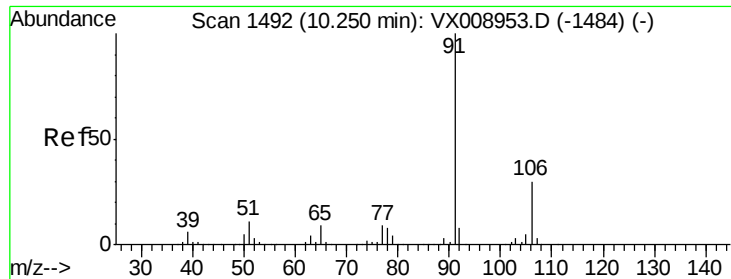
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#66
1,1,1,2-Tetrachloroethane
Concen: 17.763 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX009181.D
Acq: 26 Apr 2019 11:52

Tgt Ion:131 Resp: 38202
Ion Ratio Lower Upper
131 100
133 96.2 48.0 144.2
119 66.3 33.7 101.1





#67

Ethyl Benzene

Concen: 17.983 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX009181.D

Acq: 26 Apr 2019 11:52

Instrument :

MSVOA_X

ClientSampled :

VX0426WBS01

Tot Ion: 91 Resp: 200691

Ion Ratio Lower Upper

91 100

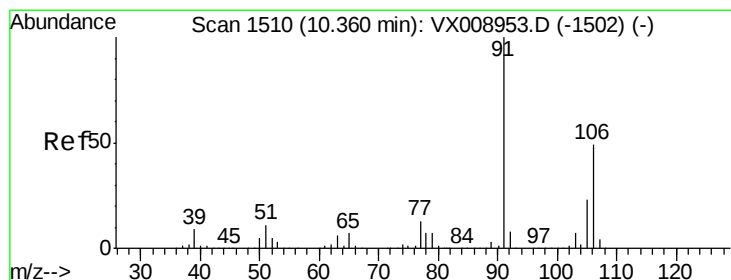
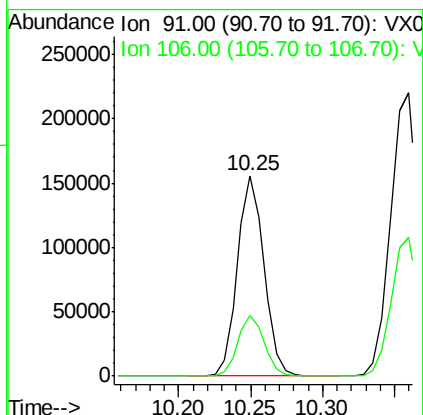
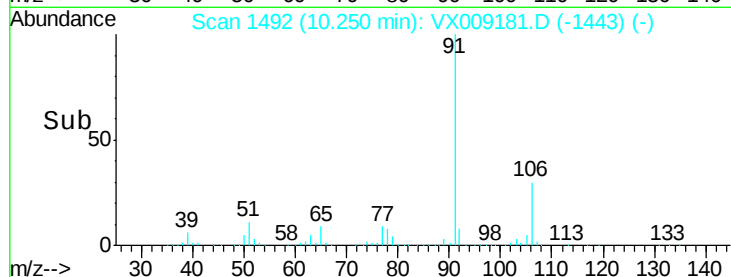
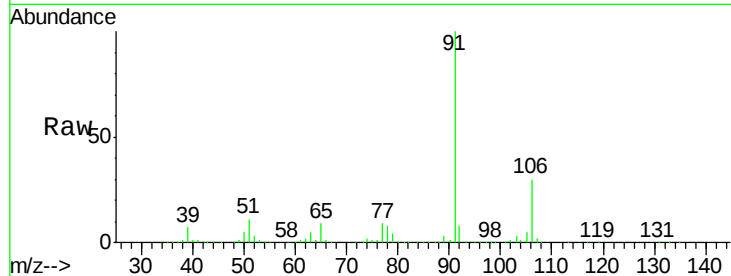
106 30.3 24.3 36.5

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#68

m/p-Xylenes

Concen: 36.376 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX009181.D

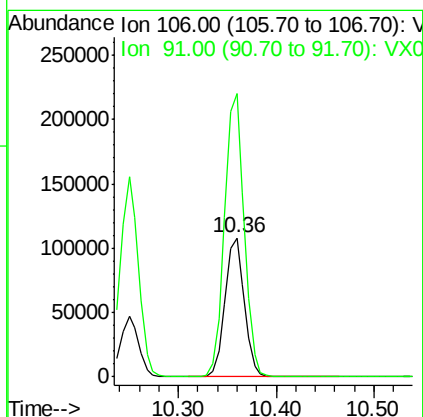
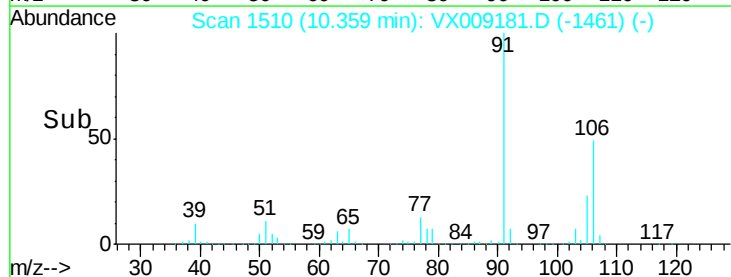
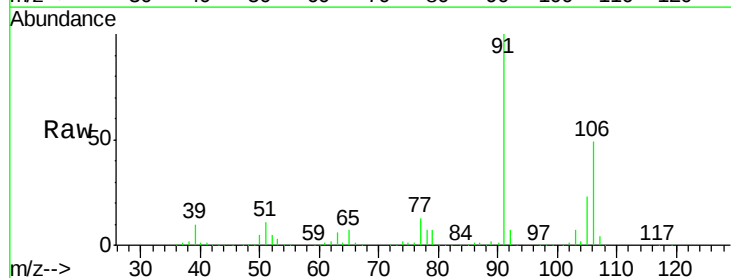
Acq: 26 Apr 2019 11:52

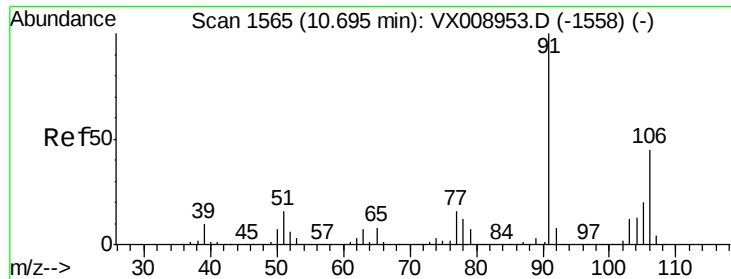
Tgt Ion: 106 Resp: 147537

Ion Ratio Lower Upper

106 100

91 207.3 165.4 248.2





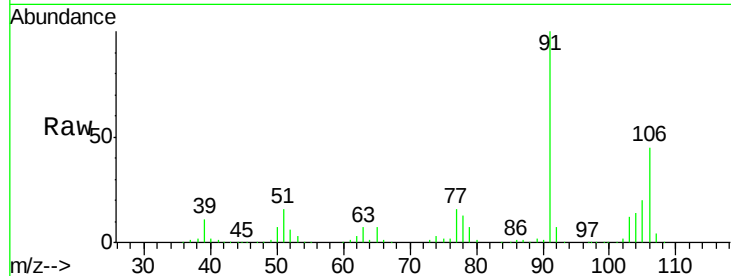
#69
o-Xylene
Concen: 18.108 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX009181.D
Acq: 26 Apr 2019 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0426WBS01

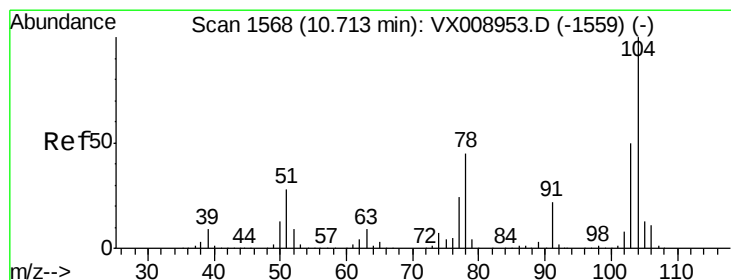
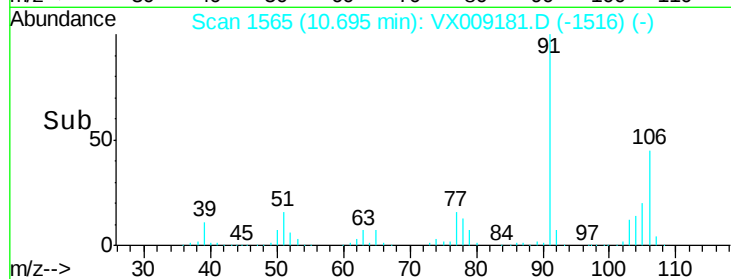
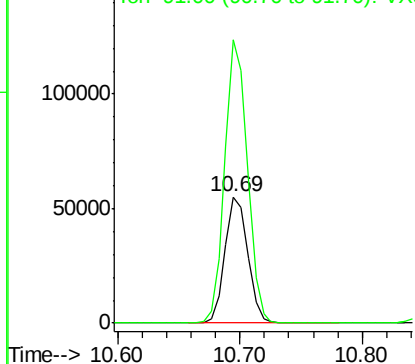
Tot Ion:106 Resp: 71460
Ion Ratio Lower Upper
106 100
91 221.8 108.9 326.7

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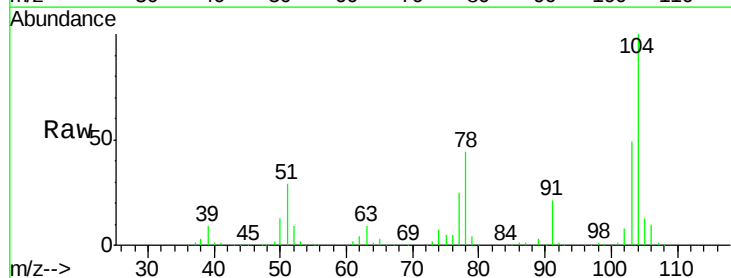


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

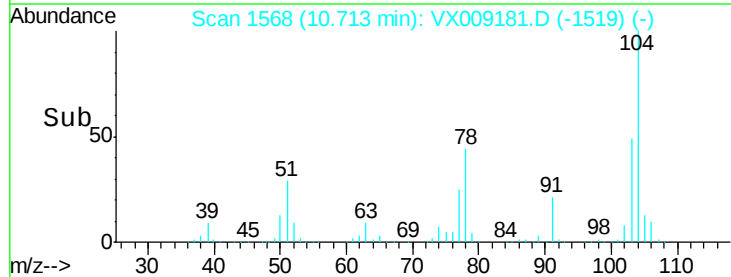
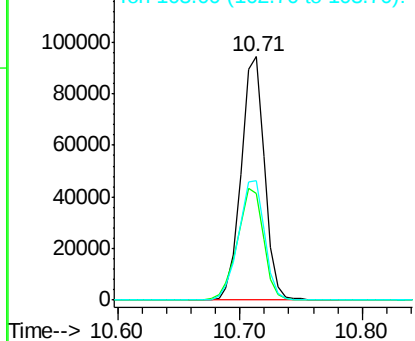


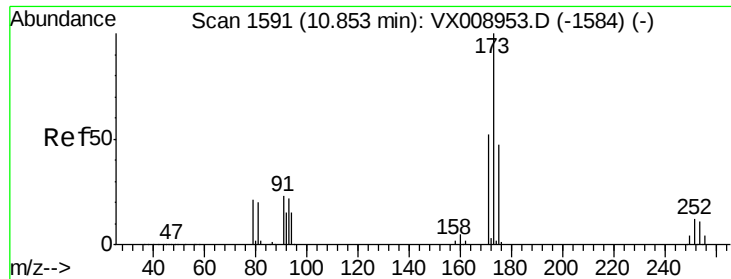
#70
Styrene
Concen: 18.209 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX009181.D
Acq: 26 Apr 2019 11:52

Tgt Ion:104 Resp: 124529
Ion Ratio Lower Upper
104 100
78 51.4 41.2 61.8
103 55.1 43.9 65.9



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 17.261 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX009181.D

Acq: 26 Apr 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0426WBS01

Tot Ion:173 Resp: 29575

Ion Ratio Lower Upper

173 100

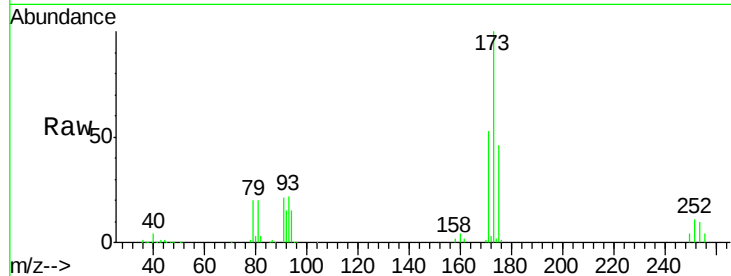
175 48.9 23.9 71.8

254 0.0 0.2 0.4#

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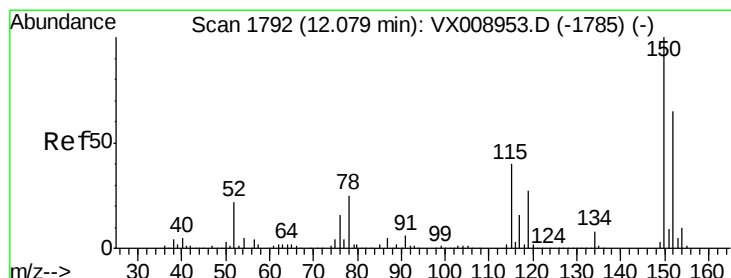
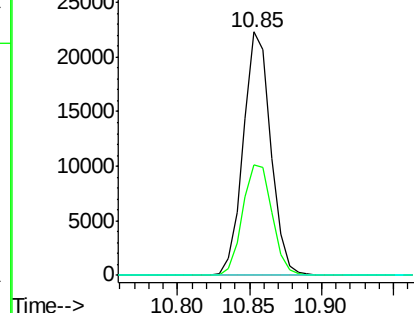
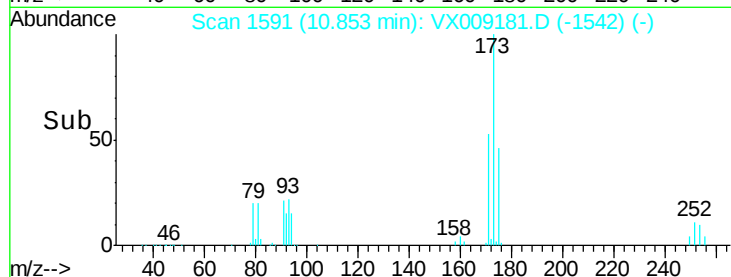
4/29/2019 11:25:05 AM



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: VX009181.D

Acq: 26 Apr 2019 11:52

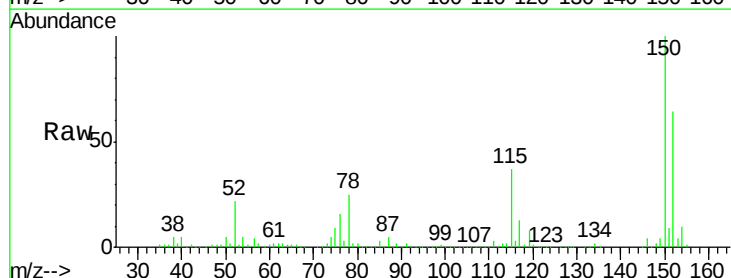
Tgt Ion:152 Resp: 140181

Ion Ratio Lower Upper

152 100

115 67.9 41.4 124.2

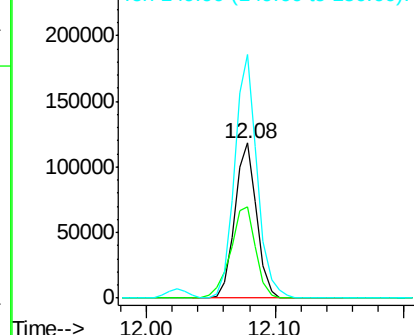
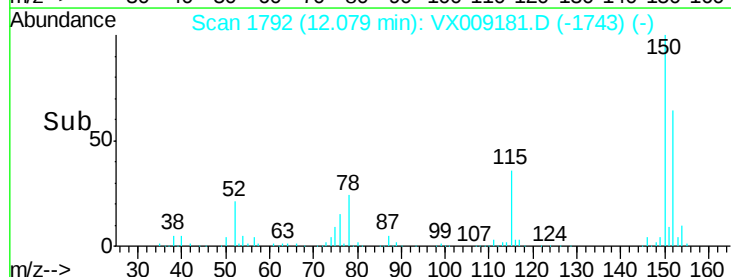
150 161.7 0.0 349.8

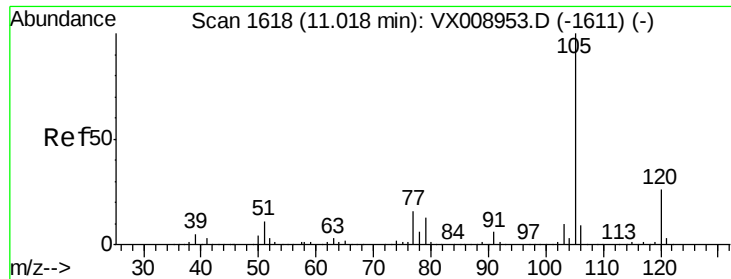


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.263 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009181.D

Acq: 26 Apr 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0426WBS01

Tot Ion: 105 Resp: 194057

Ion Ratio Lower Upper

105 100

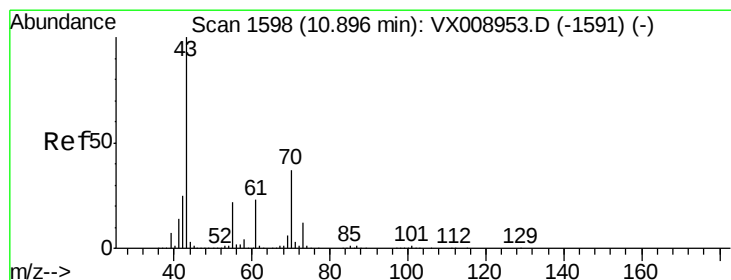
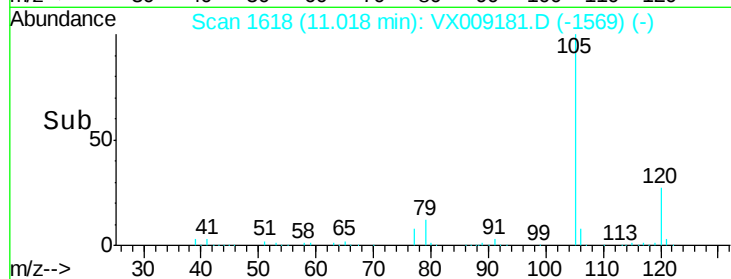
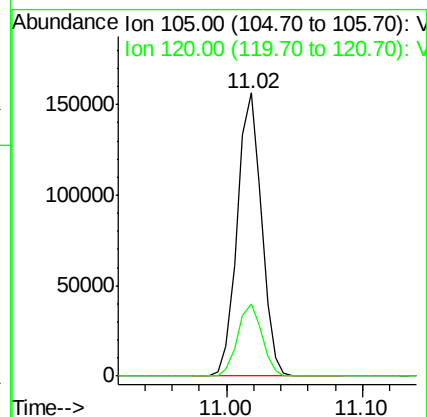
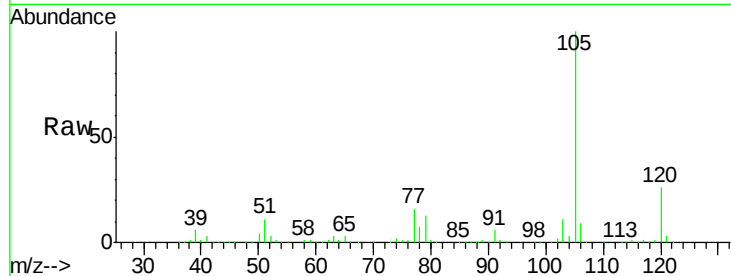
120 25.6 12.9 38.7

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#74

N-ethyl acetate

Concen: 18.066 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009181.D

Acq: 26 Apr 2019 11:52

Tgt Ion: 43 Resp: 110218

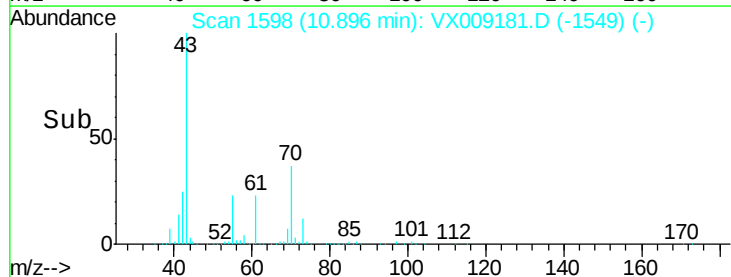
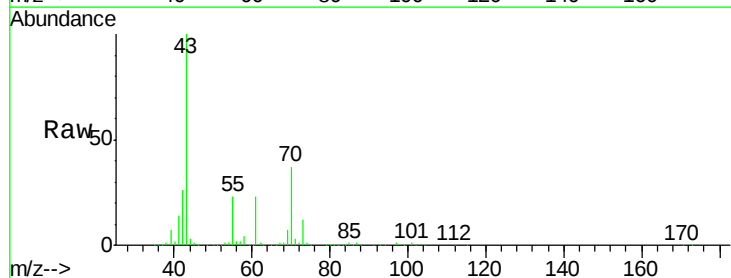
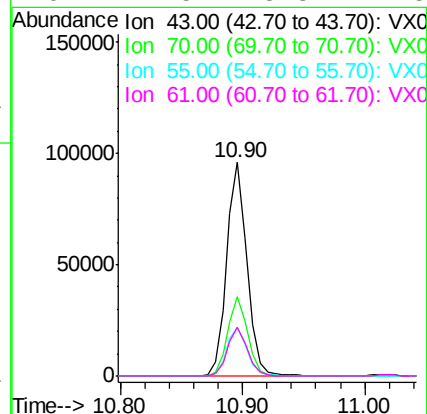
Ion Ratio Lower Upper

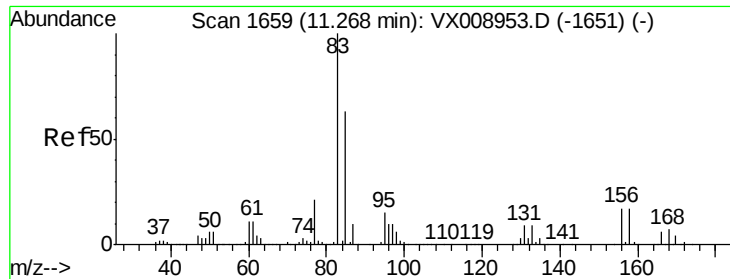
43 100

70 37.0 29.9 44.9

55 23.0 17.8 26.8

61 22.5 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 17.932 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX009181.D

Acq: 26 Apr 2019 11:52

Instrument :

MSVOA_X

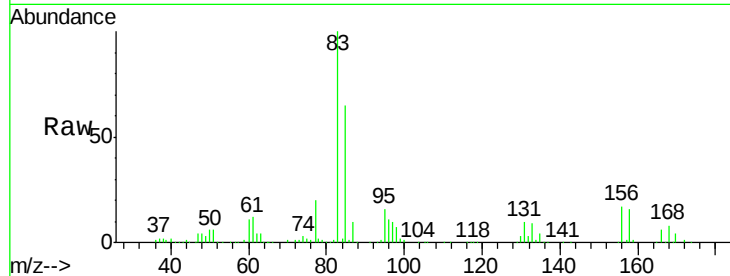
ClientSampleId :

VX0426WBS01

Tot Ion:	83	Resp:	69620
Ion Ratio	Lower	Upper	
83	100		
131	9.4	4.7	14.0
85	63.6	31.9	95.9

Manual Integrations
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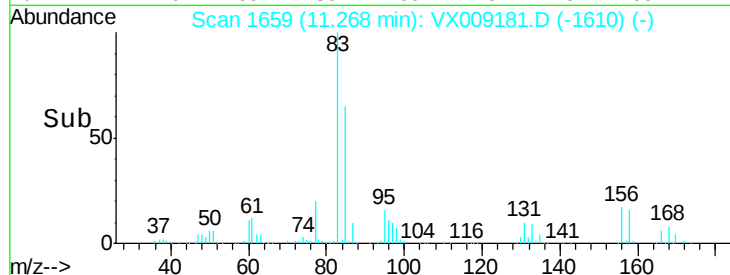


Abundance Ion 82.90 (82.60 to 83.60): VX0

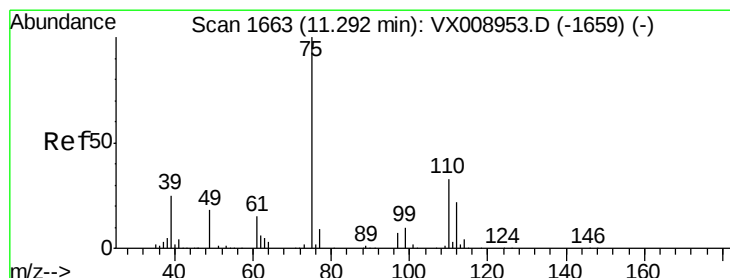
Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0

Time-->



Time-->



#76

1,2,3-Trichloropropane

Concen: 17.791 ug/l m

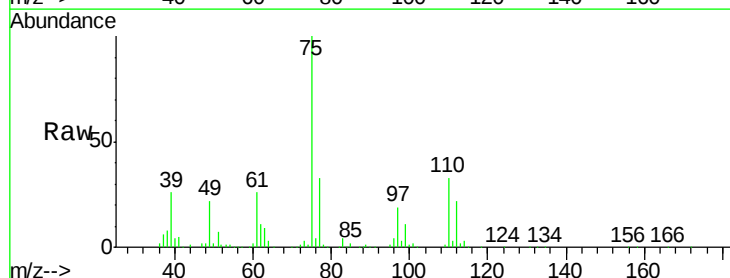
RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX009181.D

Acq: 26 Apr 2019 11:52

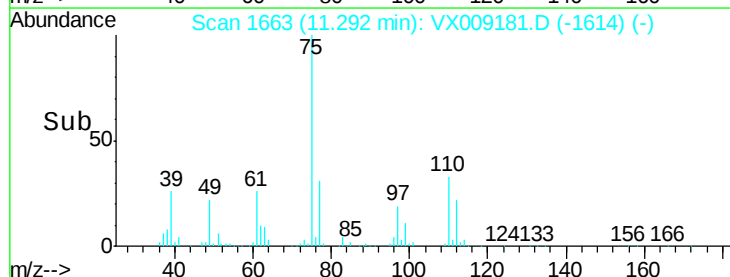
Tgt Ion:	75	Resp:	60898
Ion Ratio	Lower	Upper	
75	100		
77	43.4	22.7	68.0



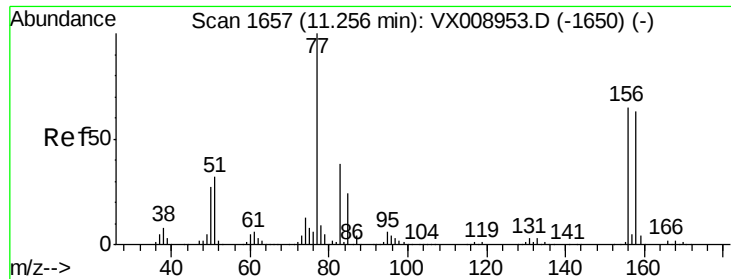
Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

Time-->



Time-->



#77

Bromobenzene

Concen: 17.555 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX009181.D

Acq: 26 Apr 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0426WBS01

Tot Ion:156 Resp: 47062

Ion Ratio Lower Upper

156 100

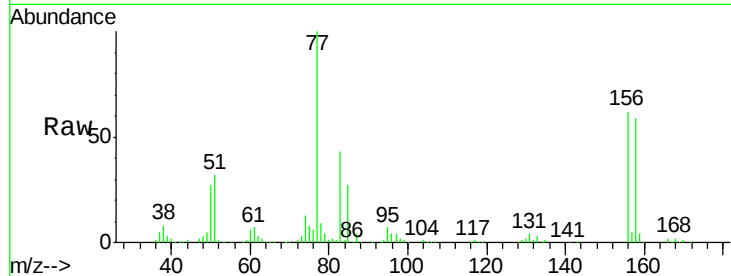
77 171.5 85.4 256.1

158 95.8 48.8 146.4

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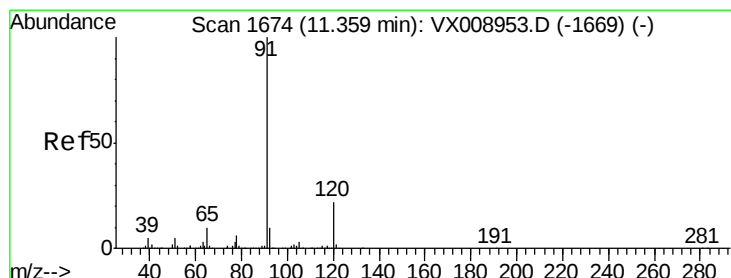
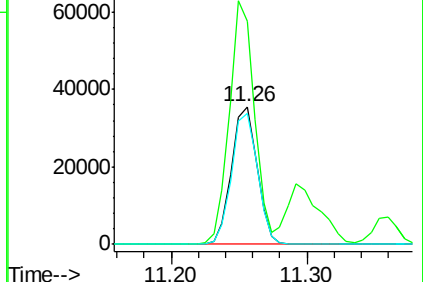
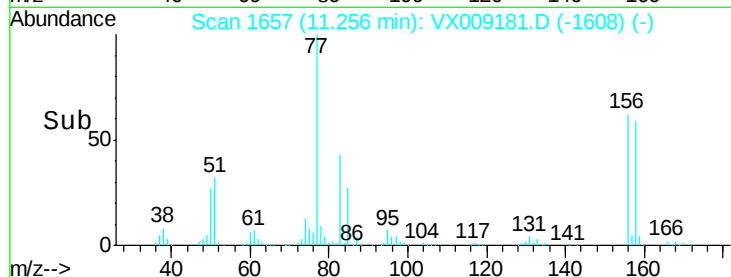
4/29/2019 11:25:05 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.365 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009181.D

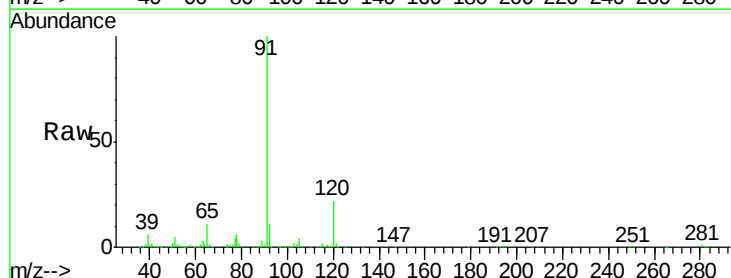
Acq: 26 Apr 2019 11:52

Tgt Ion: 91 Resp: 223974

Ion Ratio Lower Upper

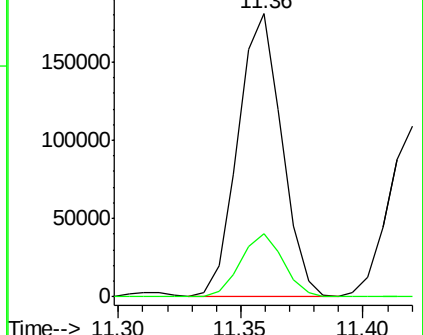
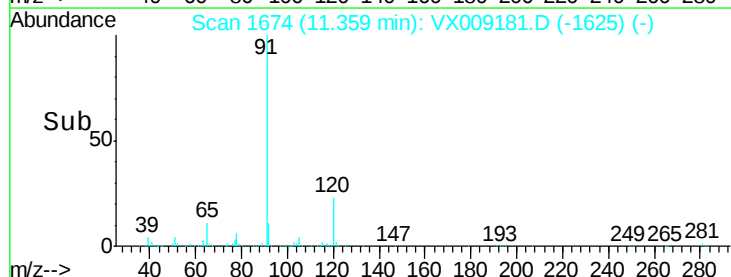
91 100

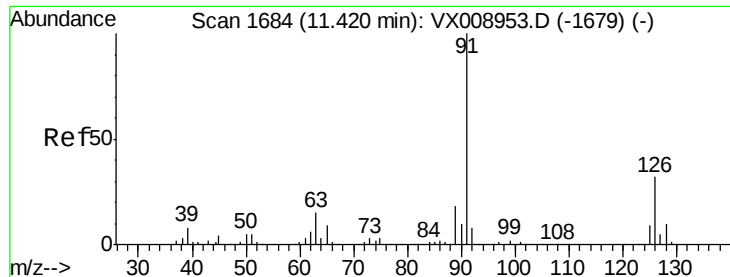
120 22.0 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





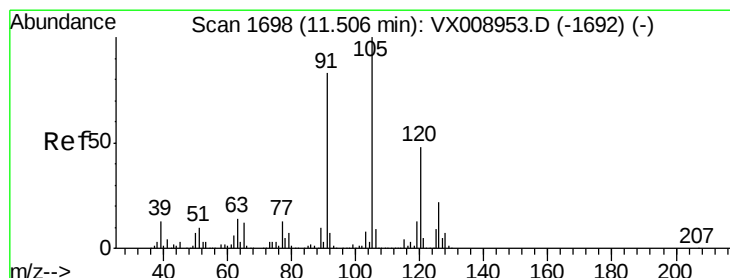
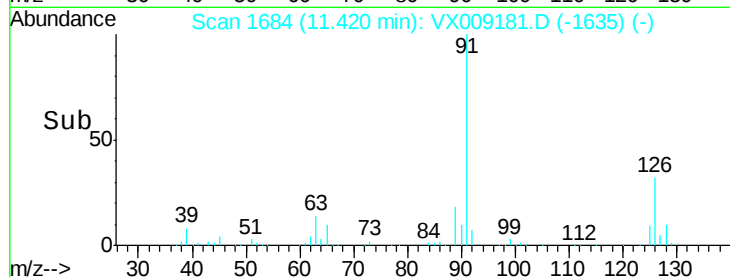
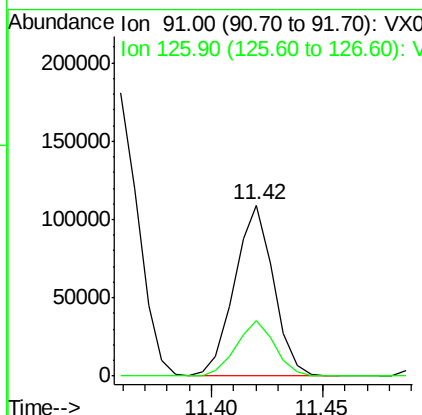
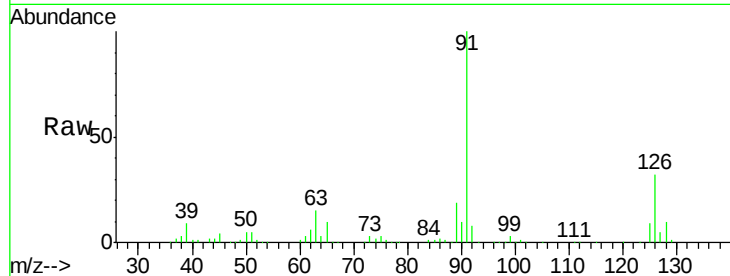
#79
 2-Chlorotoluene
 Concen: 17.970 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX009181.D
 Acq: 26 Apr 2019 11:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0426WBS01

Tot Ion: 91 Resp: 132065
 Ion Ratio Lower Upper
 91 100
 126 32.4 16.3 48.9

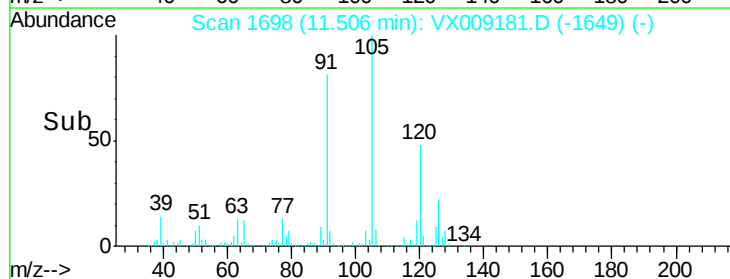
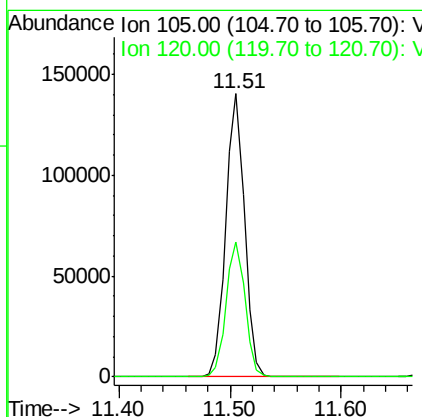
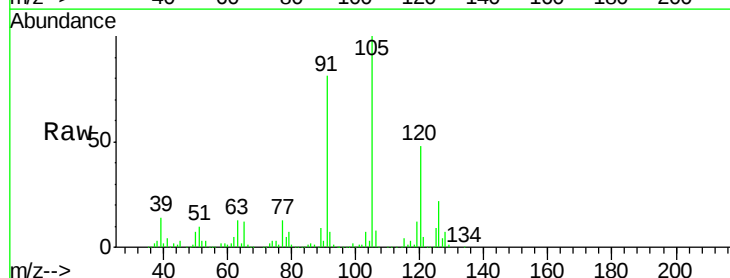
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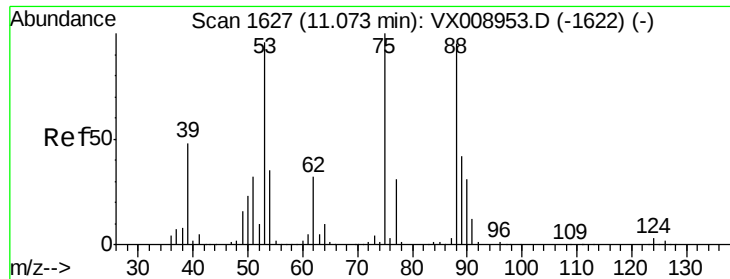
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 18.339 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX009181.D
 Acq: 26 Apr 2019 11:52

Tgt Ion: 105 Resp: 163522
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 16.404 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX009181.D

Acq: 26 Apr 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0426WBS01

Tot Ion: 75 Resp: 21871

Ion Ratio Lower Upper

75 100

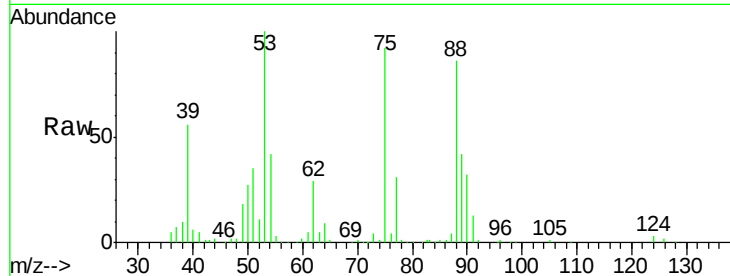
53 109.3 78.2 117.4

89 44.3 36.0 54.0

Manual Integrations
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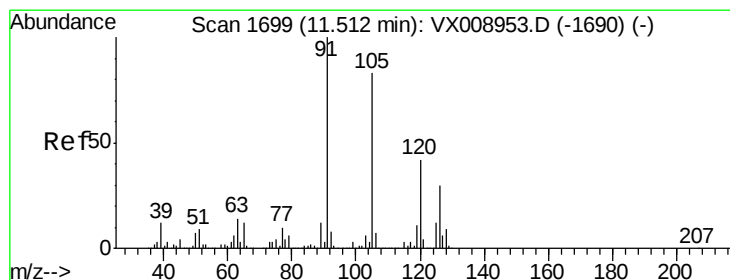
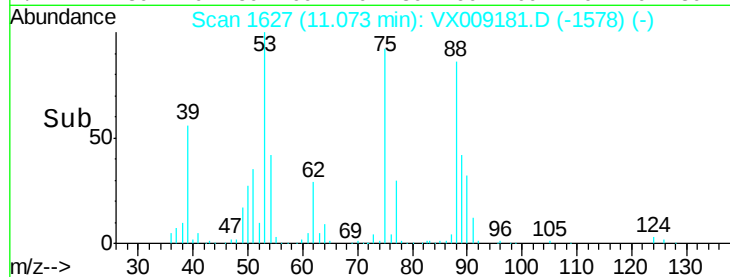
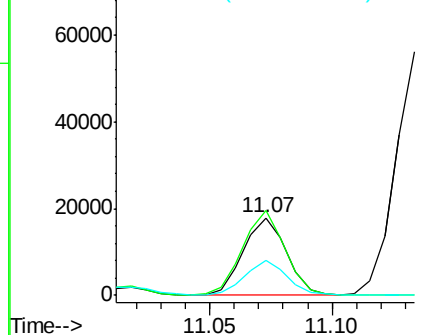
4/29/2019 11:25:05 AM



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 17.824 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX009181.D

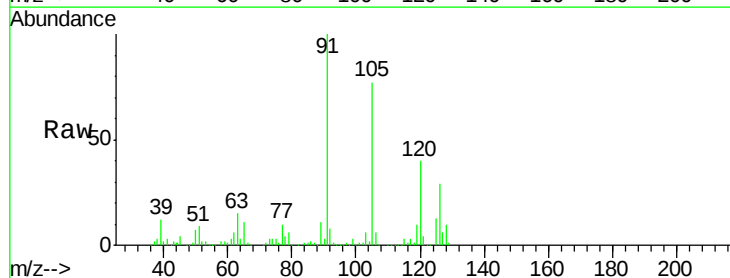
Acq: 26 Apr 2019 11:52

Tgt Ion: 91 Resp: 152131

Ion Ratio Lower Upper

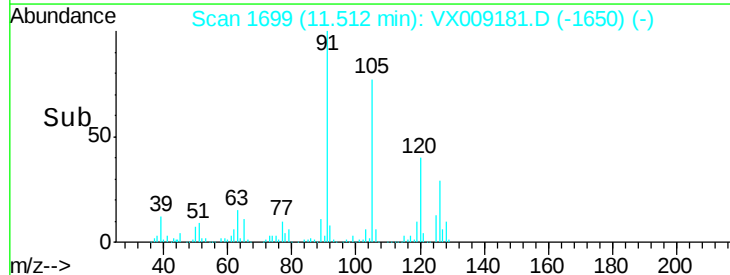
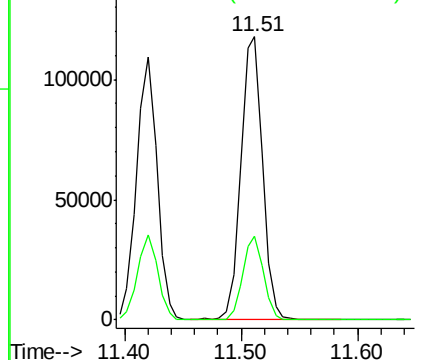
91 100

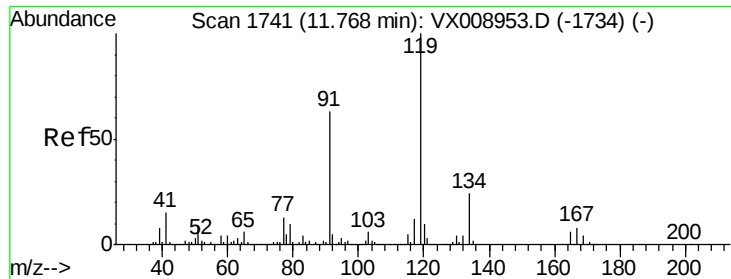
126 28.5 14.3 42.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





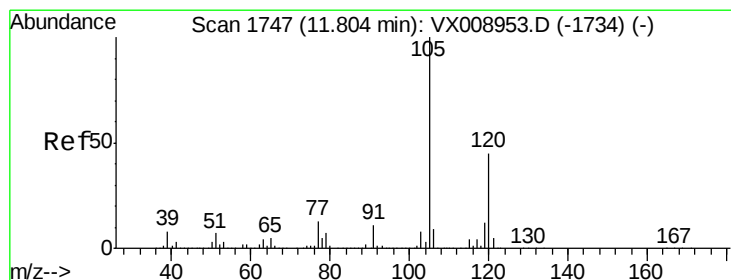
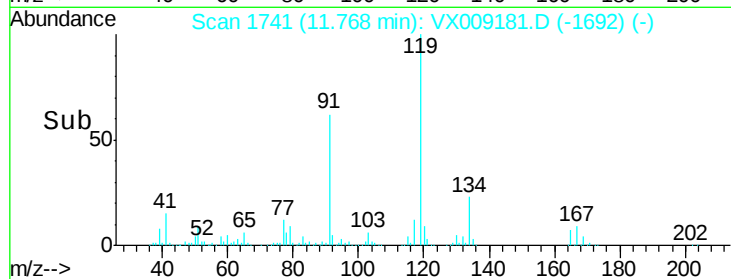
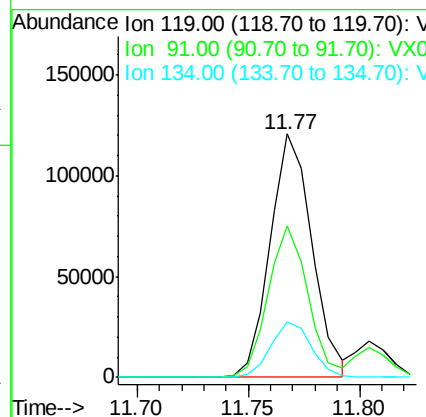
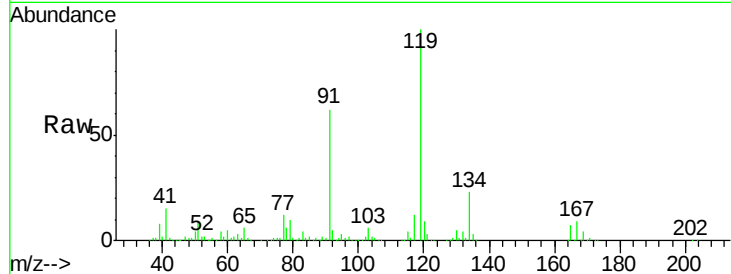
#83
tert-Butylbenzene
Concen: 18.355 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX009181.D
Acq: 26 Apr 2019 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0426WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	157129		
91	59.3	29.7	89.1	
134	22.4	11.2	33.5	

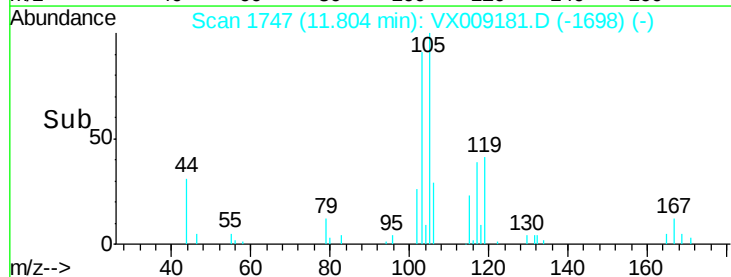
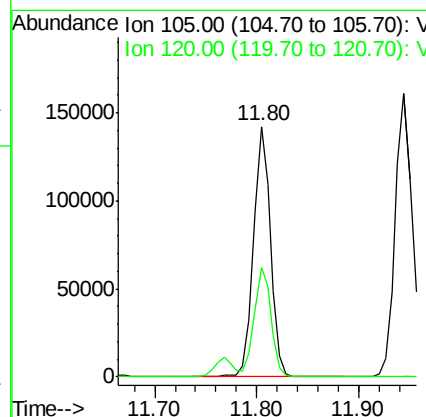
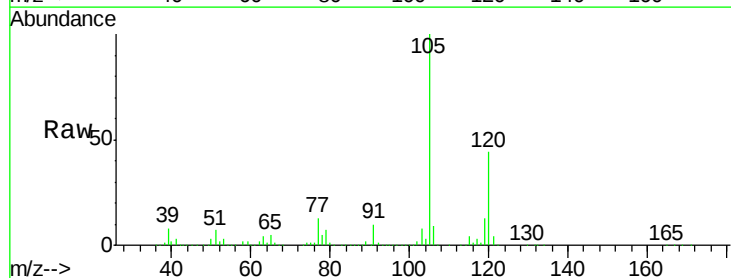
Manual Integrations
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#84
1,2,4-Trimethylbenzene
Concen: 18.282 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX009181.D
Acq: 26 Apr 2019 11:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	165932		
120	43.3	21.9	65.8	





#85

sec-Butylbenzene

Concen: 18.504 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009181.D

Acq: 26 Apr 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0426WBS01

Tot Ion:105 Resp: 188926

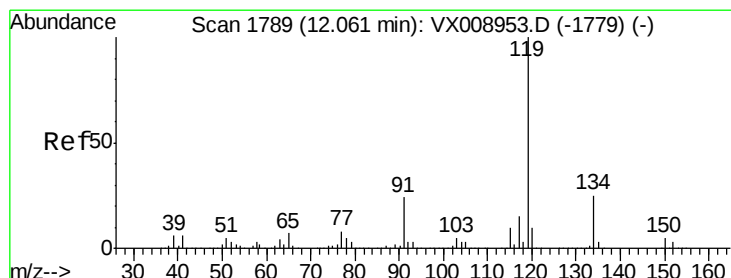
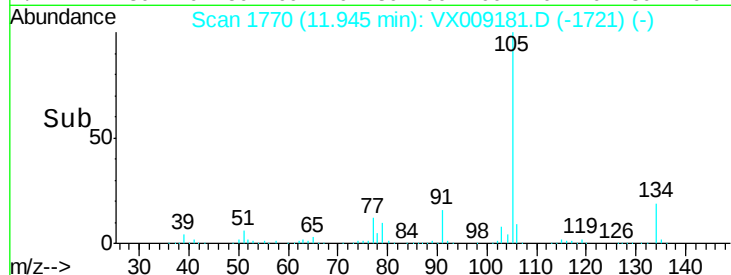
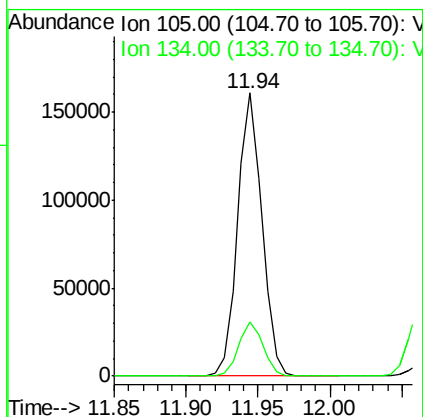
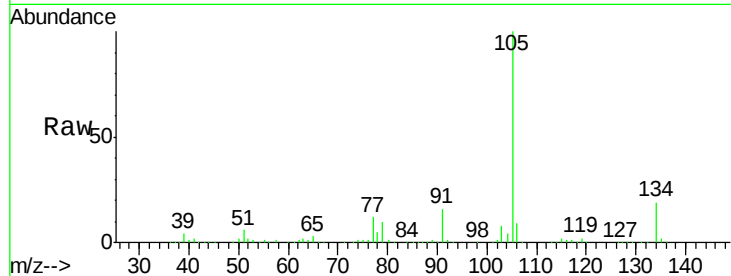
Ion Ratio Lower Upper

105 100

134 19.2 9.6 28.6

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 18.256 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009181.D

Acq: 26 Apr 2019 11:52

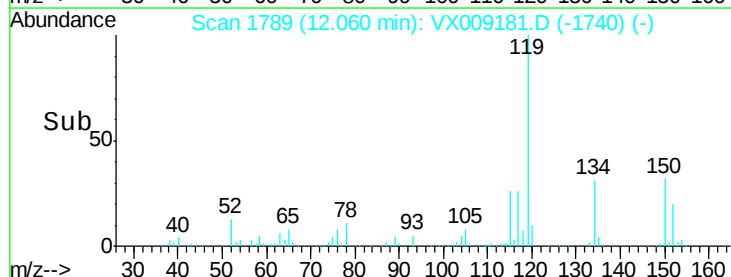
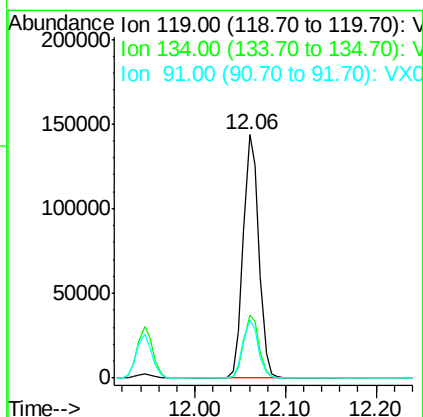
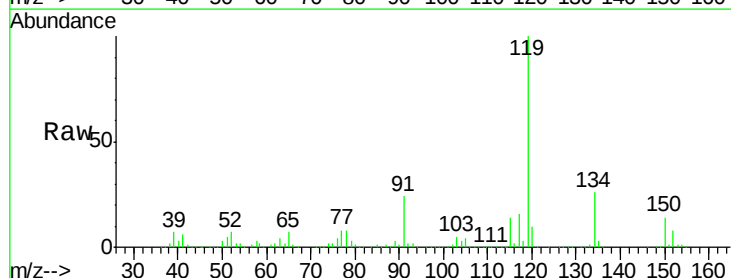
Tgt Ion:119 Resp: 171366

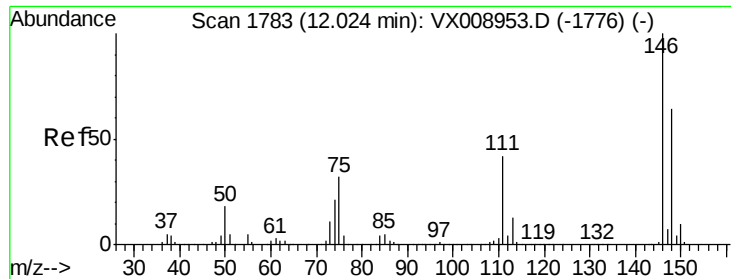
Ion Ratio Lower Upper

119 100

134 25.7 12.9 38.6

91 24.0 11.9 35.5





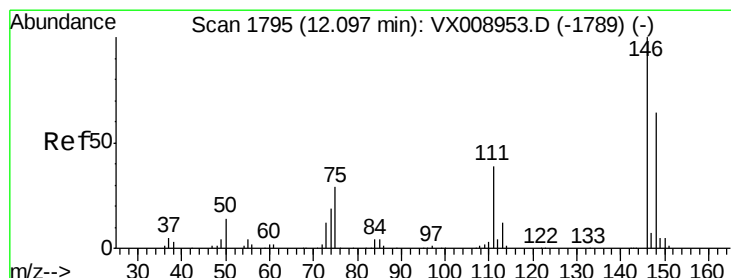
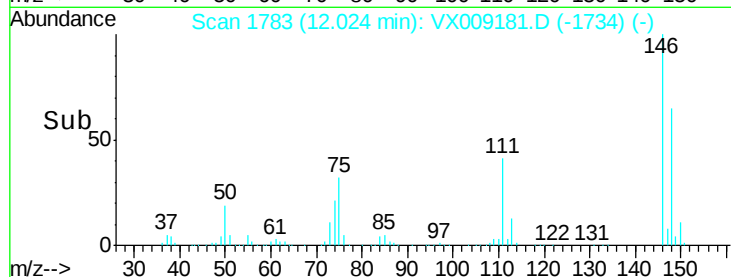
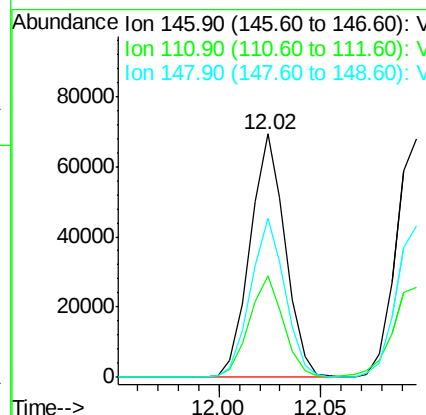
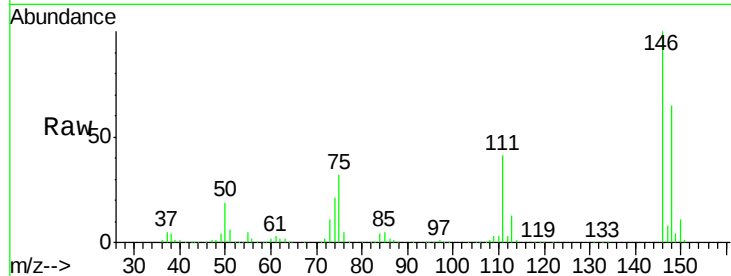
#87
 1,3-Dichlorobenzene
 Concen: 17.621 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009181.D
 Acq: 26 Apr 2019 11:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0426WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.5	61.6
148	64.2	32.2	96.6

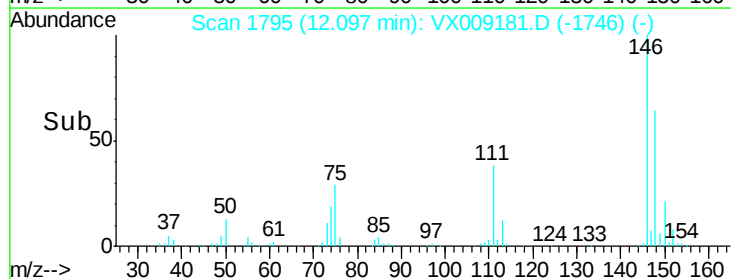
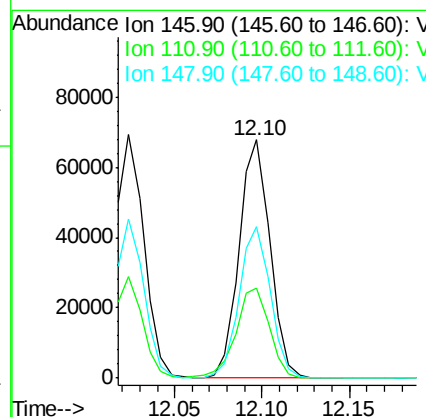
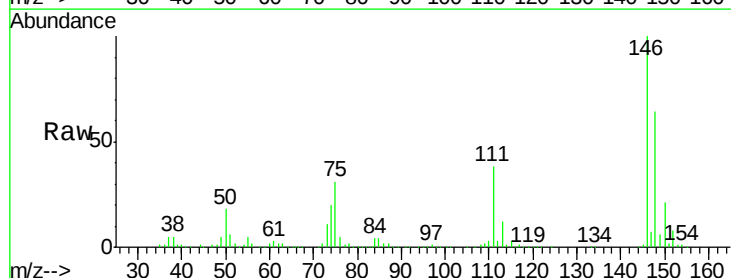
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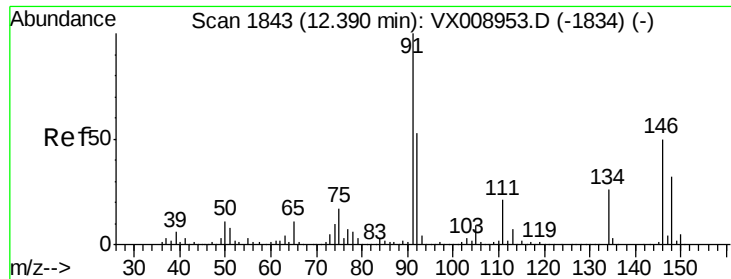
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#88
 1,4-Dichlorobenzene
 Concen: 17.471 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009181.D
 Acq: 26 Apr 2019 11:52

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.0	59.9
148	64.5	32.2	96.6





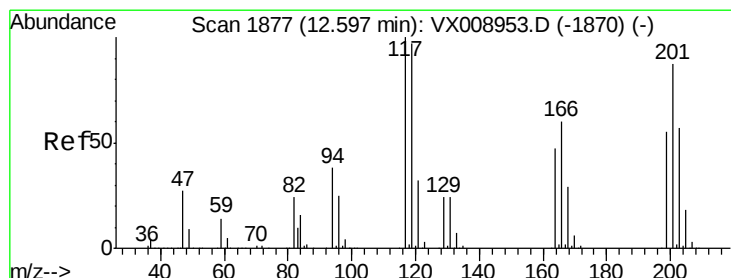
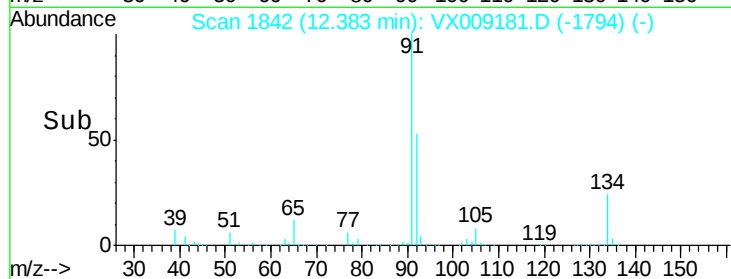
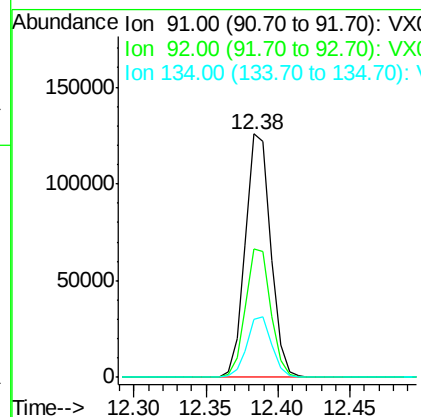
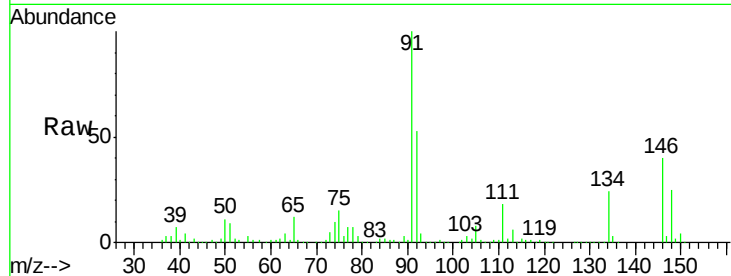
#89
n-Butylbenzene
Concen: 17.624 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX009181.D
Acq: 26 Apr 2019 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0426WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.6	79.8
134	24.4	12.4	37.2

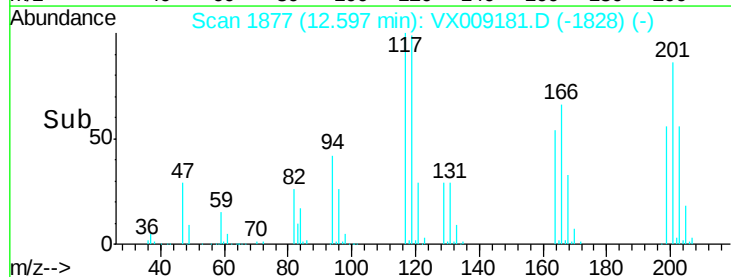
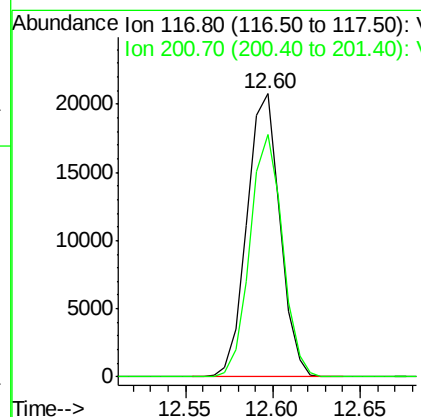
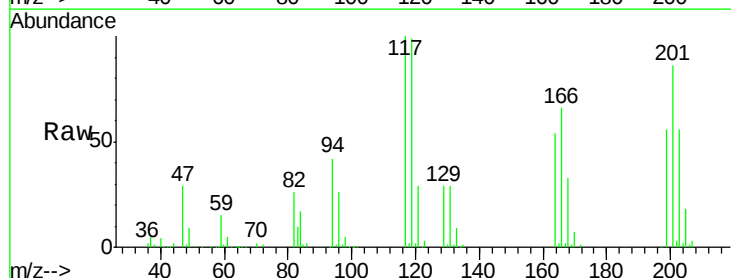
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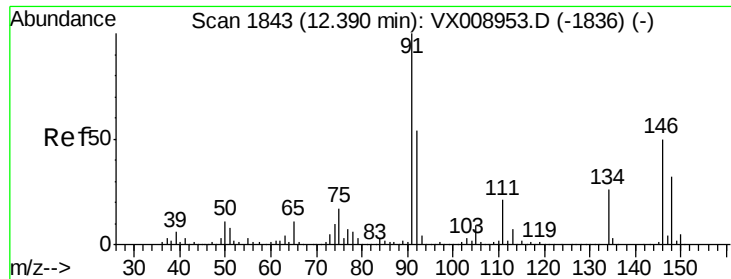
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#90
Hexachloroethane
Concen: 17.607 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX009181.D
Acq: 26 Apr 2019 11:52

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.2	43.0	129.0





#91

1,2-Dichlorobenzene

Concen: 18.226 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX009181.D

Acq: 26 Apr 2019 11:52

Instrument :

MSVOA_X

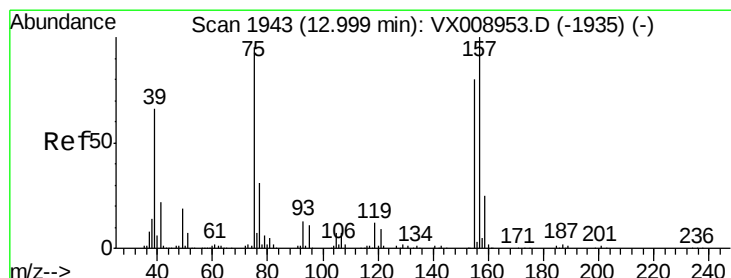
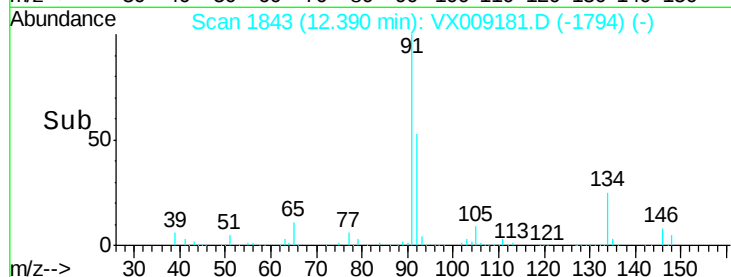
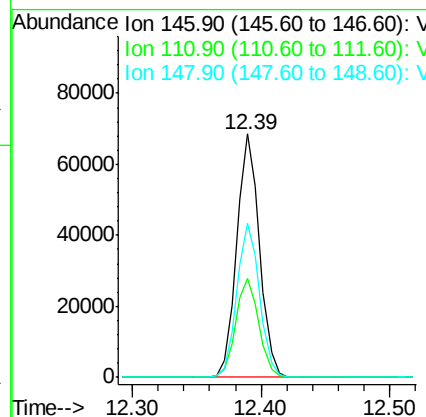
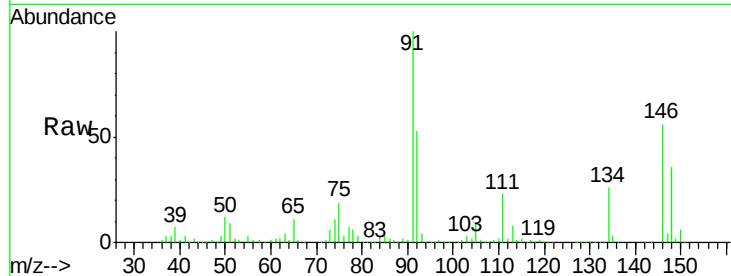
ClientSampleId :

VX0426WBS01

Tot Ion:	146	Resp:	84446
Ion Ratio	Lower	Upper	
146	100		
111	41.3	20.6	61.9
148	63.3	32.0	96.2

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 18.728 ug/l

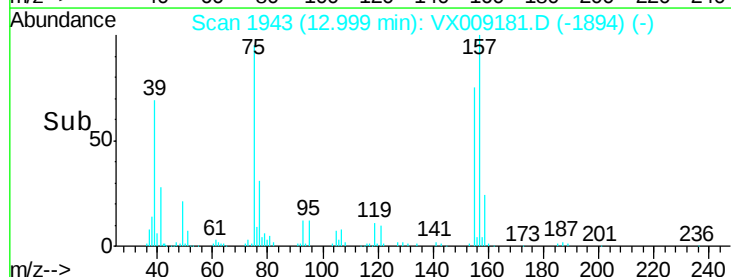
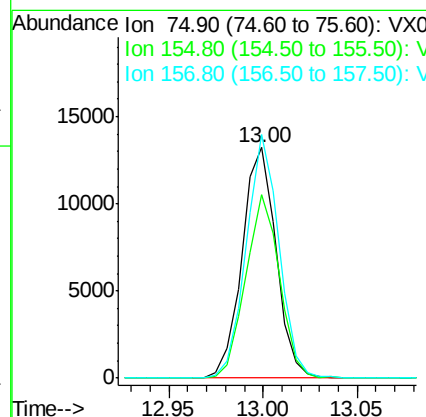
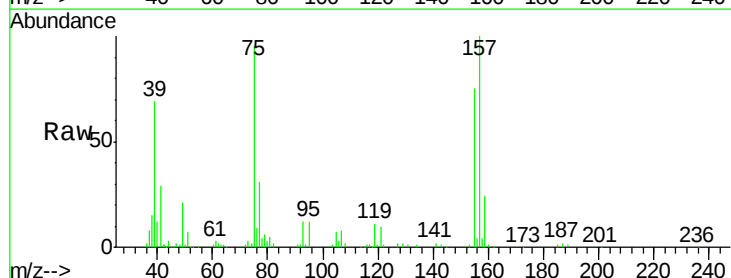
RT: 13.00 min Scan# 1943

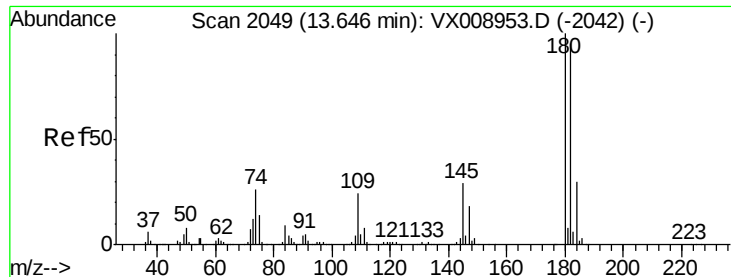
Delta R.T. -0.00 min

Lab File: VX009181.D

Acq: 26 Apr 2019 11:52

Tgt Ion:	75	Resp:	16555
Ion Ratio	Lower	Upper	
75	100		
155	79.0	41.2	123.6
157	101.4	52.5	157.6





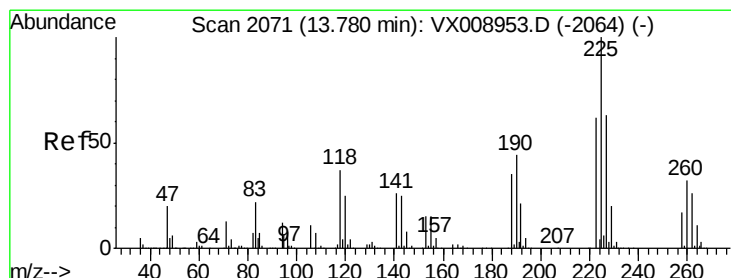
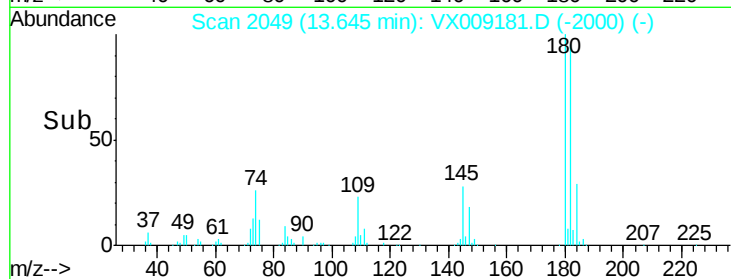
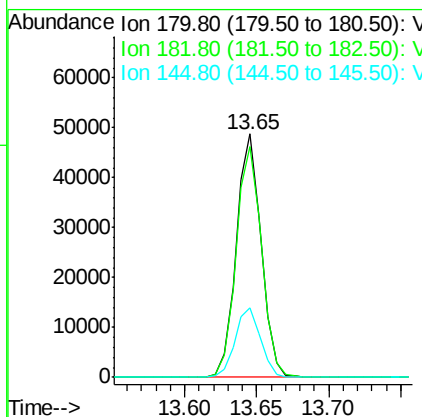
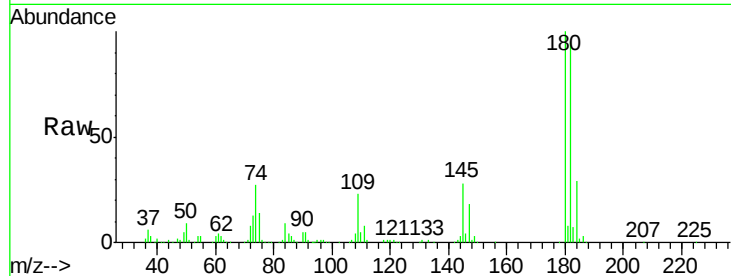
#93
 1,2,4-Trichlorobenzene
 Concen: 17.539 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009181.D
 Acq: 26 Apr 2019 11:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0426WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.8	47.6	142.9
145	29.5	14.8	44.4

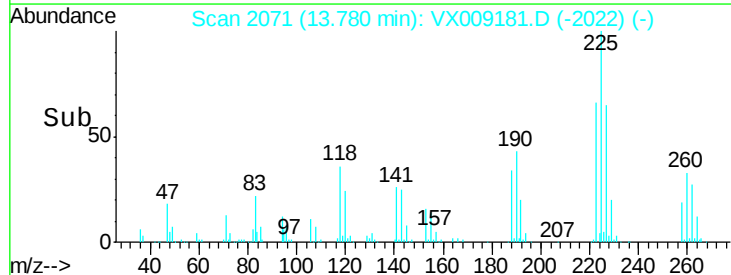
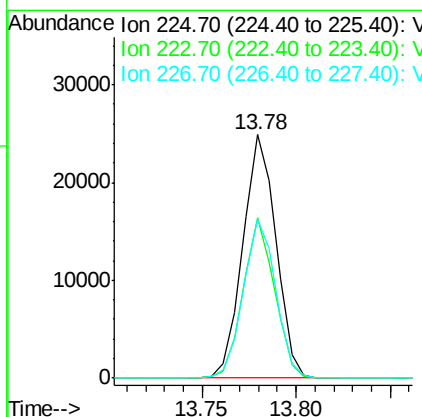
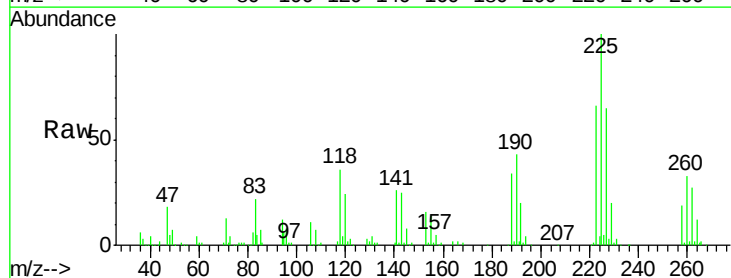
Manual Integrations
 APPROVED

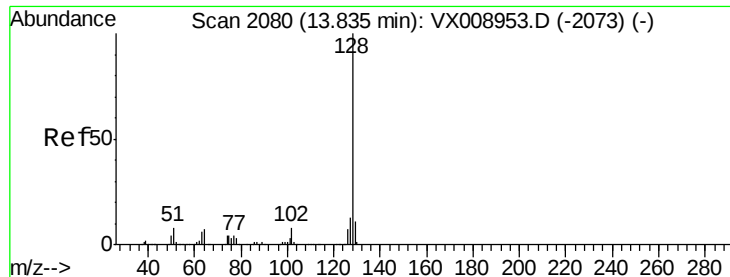
MMDadoda
 4/29/2019 11:25:05 AM



#94
 Hexachlorobutadiene
 Concen: 18.164 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009181.D
 Acq: 26 Apr 2019 11:52

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	31.1	93.2
227	63.8	32.0	96.2





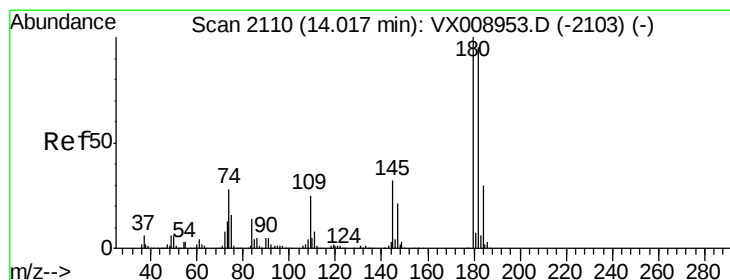
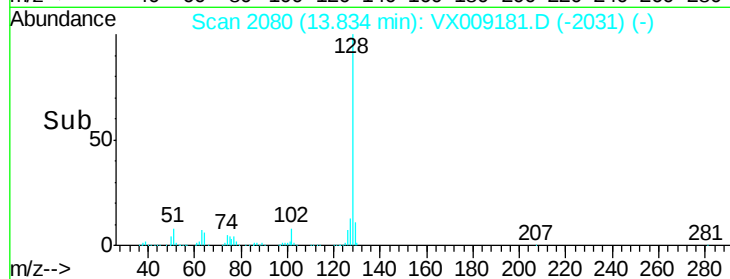
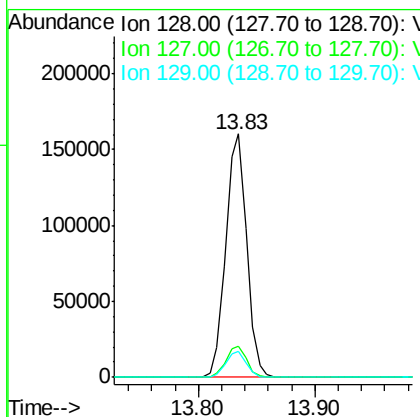
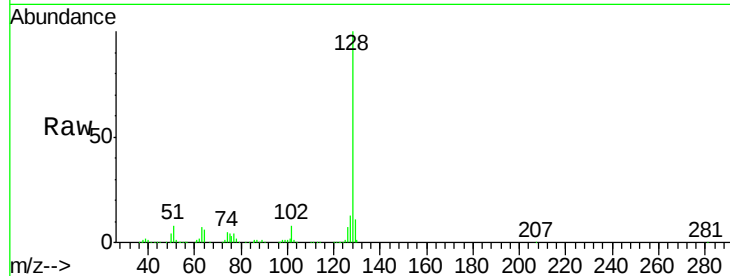
#95
Naphthalene
Concen: 18.547 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX009181.D
Acq: 26 Apr 2019 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0426WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.6	16.0
129	10.6	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
4/29/2019 11:25:05 AM



#96
1,2,3-Trichlorobenzene
Concen: 18.845 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX009181.D
Acq: 26 Apr 2019 11:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.3	47.8	143.4
145	29.9	15.8	47.3

