

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052419\
 Data File : VX009881.D
 Acq On : 24 May 2019 13:03
 Operator : JC/SP
 Sample : VX0524WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0524WBS01

Quant Time: May 25 00:12:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	182816	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	296553	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	268236	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	130097	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	117490	47.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.16%	
35) Dibromofluoromethane	5.50	113	83263	44.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.32%	
50) Toluene-d8	8.71	98	343779	45.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.36%	
62) 4-Bromofluorobenzene	11.13	95	123348	45.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.20%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	27006	16.030	ug/l 100
3) Chloromethane	1.32	50	43671	18.987	ug/l 99
4) Vinyl Chloride	1.41	62	40745	18.167	ug/l 98
5) Bromomethane	1.64	94	26219	19.477	ug/l 93
6) Chloroethane	1.72	64	25434	17.663	ug/l 98
7) Trichlorofluoromethane	1.93	101	48831	17.911	ug/l 98
8) Diethyl Ether	2.19	74	22904	17.736	ug/l 90
9) 1,1,2-Trichlorotrifluoroet	2.39	101	30127	17.598	ug/l 100
10) Methyl Iodide	2.51	142	34329	20.266	ug/l 99
11) Tert butyl alcohol	3.05	59	59266	102.593	ug/l 100
12) 1,1-Dichloroethene	2.37	96	29899	17.430	ug/l 98
13) Acrolein	2.29	56	42103	80.477	ug/l 98
14) Allyl chloride	2.73	41	76079	18.199	ug/l 98
15) Acrylonitrile	3.14	53	131880	93.368	ug/l 98
16) Acetone	2.45	43	130477	97.366	ug/l 98
17) Carbon Disulfide	2.57	76	84004	17.443	ug/l 99
18) Methyl Acetate	2.78	43	58110	18.234	ug/l 98
19) Methyl tert-butyl Ether	3.20	73	119937	18.006	ug/l 100
20) Methylene Chloride	2.85	84	38075	17.548	ug/l 99
21) trans-1,2-Dichloroethene	3.17	96	33334	17.919	ug/l 98
22) Diisopropyl ether	3.86	45	152082	18.918	ug/l 96
23) Vinyl Acetate	3.82	43	676015	98.200	ug/l 98
24) 1,1-Dichloroethane	3.70	63	71288	17.976	ug/l 99
25) 2-Butanone	4.68	43	205269	98.572	ug/l 98
26) 2,2-Dichloropropane	4.58	77	51472	17.437	ug/l 100
27) cis-1,2-Dichloroethene	4.60	96	38943	17.538	ug/l 96
28) Bromochloromethane	5.01	49	33753	19.469	ug/l 95
29) Tetrahydrofuran	5.13	42	131796	98.353	ug/l 97
30) Chloroform	5.21	83	64654	18.025	ug/l 95
31) Cyclohexane	5.58	56	68256	18.499	ug/l 92
32) 1,1,1-Trichloroethane	5.49	97	52752	17.667	ug/l 98
36) 1,1-Dichloropropene	5.80	75	48922	17.752	ug/l 99
37) Ethyl Acetate	4.84	43	74889	19.503	ug/l 98
38) Carbon Tetrachloride	5.79	117	43437	17.348	ug/l 96

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	60748	17.949	ug/l	95
40) Benzene	6.14	78	152247	17.850	ug/l	99
41) Methacrylonitrile	5.04	41	41806	18.290	ug/l	98
42) 1,2-Dichloroethane	6.19	62	56809	18.568	ug/l	98
43) Isopropyl Acetate	6.45	43	117303	19.099	ug/l	98
44) Trichloroethene	7.21	130	35541	17.237	ug/l	99
45) 1,2-Dichloropropane	7.51	63	44422	18.394	ug/l	100
46) Dibromomethane	7.66	93	24818	17.696	ug/l	98
47) Bromodichloromethane	7.90	83	48501	17.337	ug/l	95
48) Methyl methacrylate	7.77	41	58861	19.317	ug/l	97
49) 1,4-Dioxane	7.74	88	21673	350.717	ug/l	95
51) 4-Methyl-2-Pentanone	8.64	43	396450	98.754	ug/l	98
52) Toluene	8.79	92	92985	17.935	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	56172	17.785	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	62283	17.816	ug/l	93
55) 1,1,2-Trichloroethane	9.21	97	37028	17.506	ug/l	94
56) Ethyl methacrylate	9.18	69	68926	18.255	ug/l	96
57) 1,3-Dichloropropane	9.37	76	67273	18.074	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	176542	88.139	ug/l	99
59) 2-Hexanone	9.49	43	310756	98.560	ug/l	97
60) Dibromochloromethane	9.58	129	35495	17.182	ug/l	99
61) 1,2-Dibromoethane	9.67	107	38086	17.838	ug/l	99
64) Tetrachloroethene	9.34	164	33249	18.070	ug/l	98
65) Chlorobenzene	10.14	112	95436	17.786	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	33443	17.191	ug/l	99
67) Ethyl Benzene	10.25	91	176337	17.856	ug/l	99
68) m/p-Xylenes	10.36	106	127702	35.387	ug/l	95
69) o-Xylene	10.69	106	63557	17.850	ug/l	99
70) Styrene	10.71	104	108746	17.572	ug/l	98
71) Bromoform	10.85	173	26276	16.621	ug/l #	98
73) Isopropylbenzene	11.02	105	167983	17.756	ug/l	99
74) N-amyl acetate	10.90	43	103695	18.800	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	63821	18.096	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	73189	24.253	ug/l	83
77) Bromobenzene	11.26	156	41789	17.797	ug/l	97
78) n-propylbenzene	11.36	91	194540	18.006	ug/l	100
79) 2-Chlorotoluene	11.42	91	117061	17.562	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	143370	17.998	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	19511	16.542	ug/l	90
82) 4-Chlorotoluene	11.51	91	134418	17.850	ug/l	99
83) tert-Butylbenzene	11.77	119	135562	17.494	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	143458	17.942	ug/l	99
85) sec-Butylbenzene	11.94	105	163360	17.781	ug/l	100
86) p-Isopropyltoluene	12.06	119	148417	17.970	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	73528	17.565	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	73099	17.321	ug/l	97
89) n-Butylbenzene	12.38	91	135204	18.112	ug/l	99
90) Hexachloroethane	12.59	117	23435	16.655	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	73286	17.189	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14220	17.974	ug/l	95

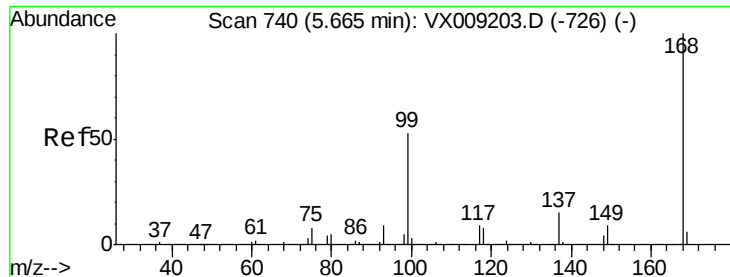
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Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	52743	18.090	ug/l	99
94) Hexachlorobutadiene	13.78	225	26927	18.085	ug/l	98
95) Naphthalene	13.83	128	168314	17.744	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	52513	17.768	ug/l	99

(#) = 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: VX009881.D

Acq: 24 May 2019 13:03

Instrument :

MSVOA_X

ClientSampleId :

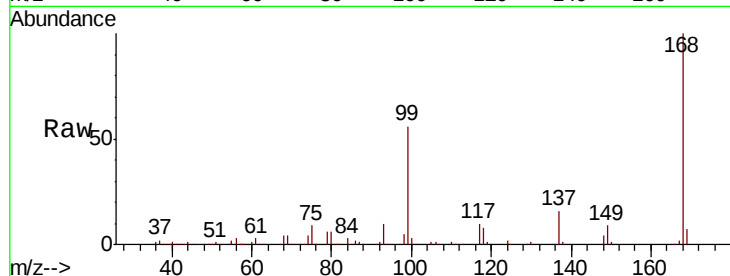
VX0524WBS01

Tot Ion:168 Resp: 182816

Ion Ratio Lower Upper

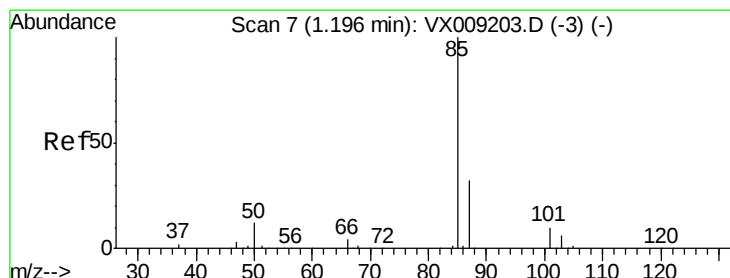
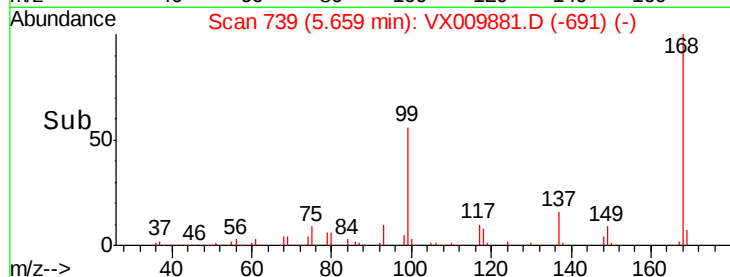
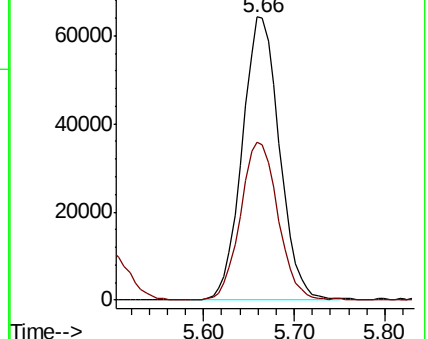
168 100

99 55.5 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 16.030 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009881.D

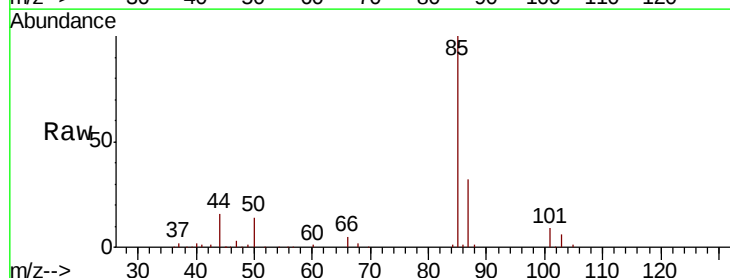
Acq: 24 May 2019 13:03

Tgt Ion: 85 Resp: 27006

Ion Ratio Lower Upper

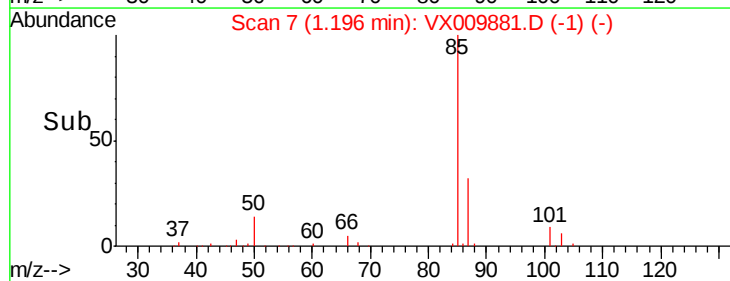
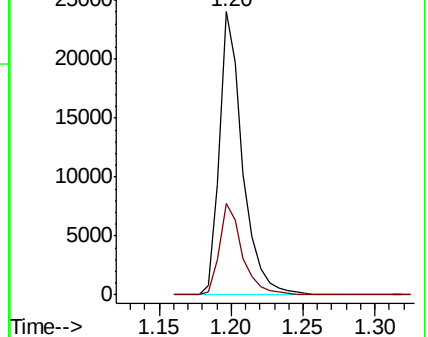
85 100

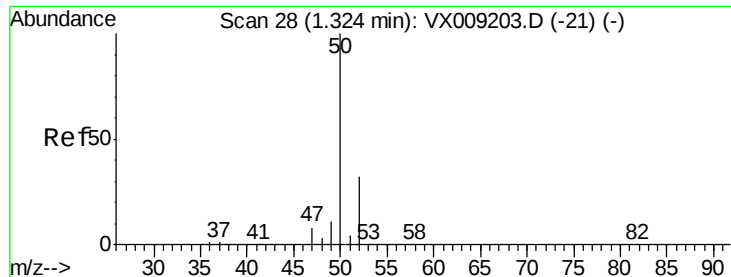
87 32.4 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.987 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009881.D

Acq: 24 May 2019 13:03

Instrument :

MSVOA_X

ClientSampleId :

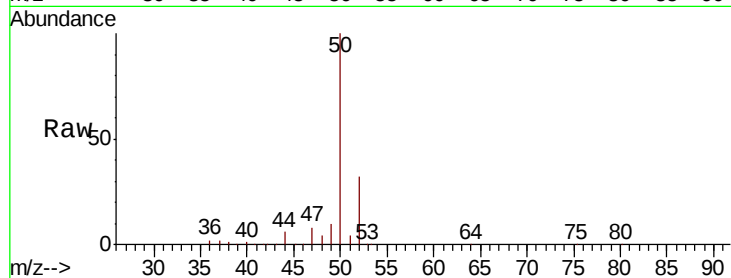
VX0524WBS01

Tot Ion: 50 Resp: 43671

Ion Ratio Lower Upper

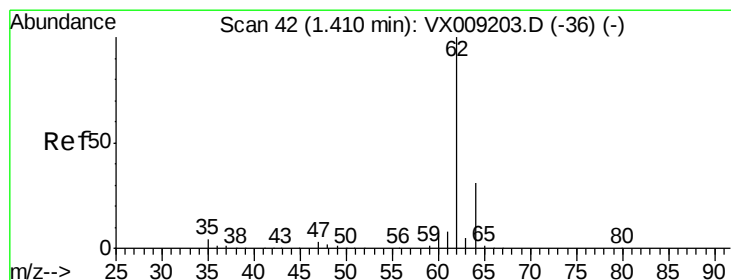
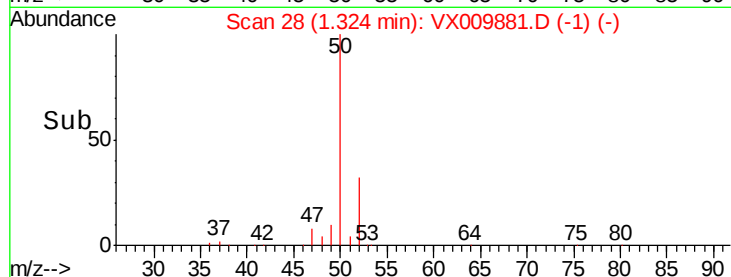
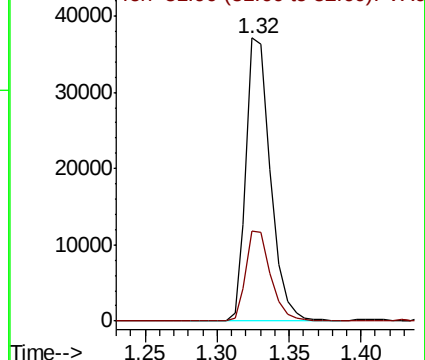
50 100

52 31.7 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 18.167 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009881.D

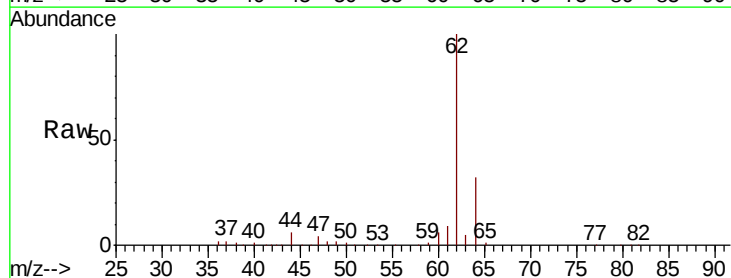
Acq: 24 May 2019 13:03

Tgt Ion: 62 Resp: 40745

Ion Ratio Lower Upper

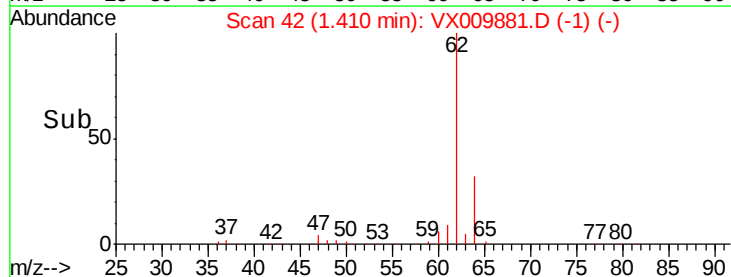
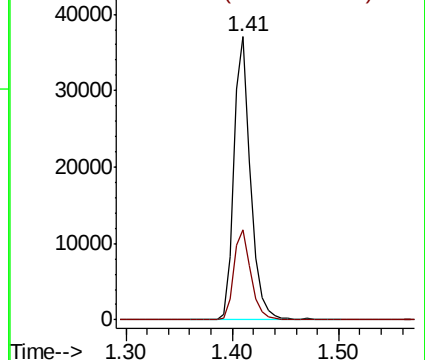
62 100

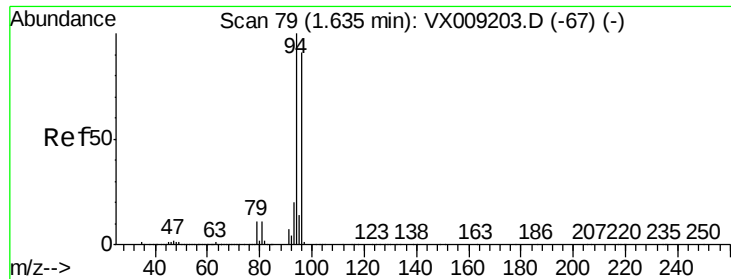
64 31.5 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 19.477 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX009881.D

Acq: 24 May 2019 13:03

Instrument :

MSVOA_X

ClientSampleId :

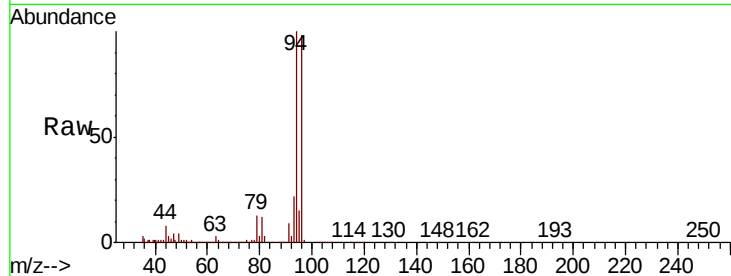
VX0524WBS01

Tot Ion: 94 Resp: 26219

Ion Ratio Lower Upper

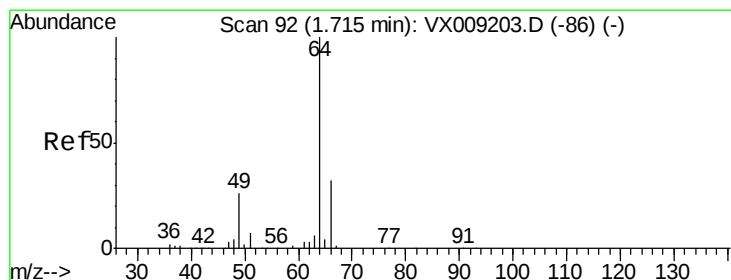
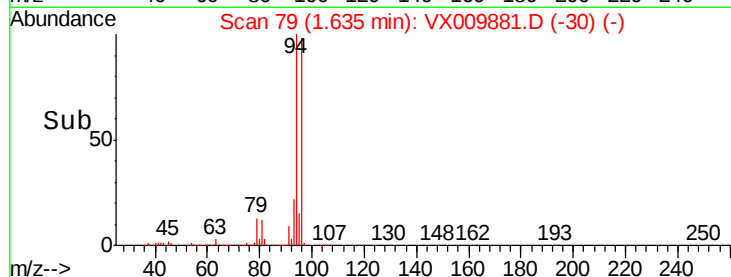
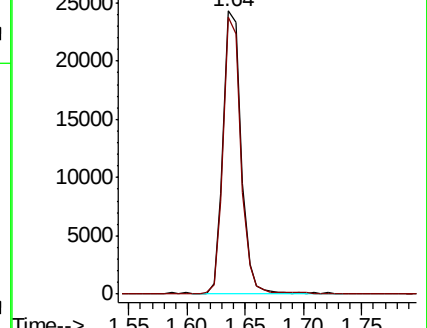
94 100

96 97.8 73.0 109.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 17.663 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX009881.D

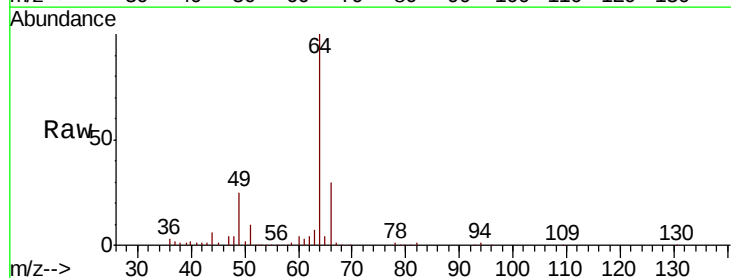
Acq: 24 May 2019 13:03

Tgt Ion: 64 Resp: 25434

Ion Ratio Lower Upper

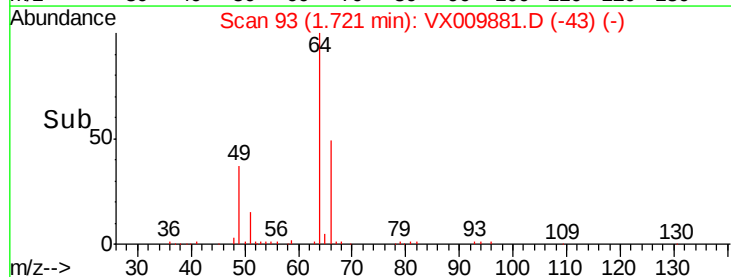
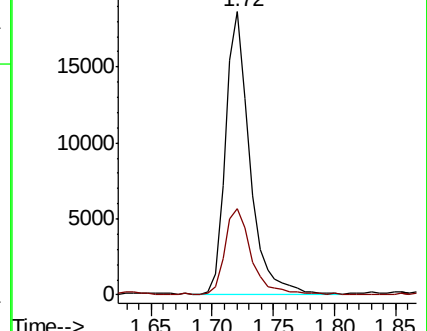
64 100

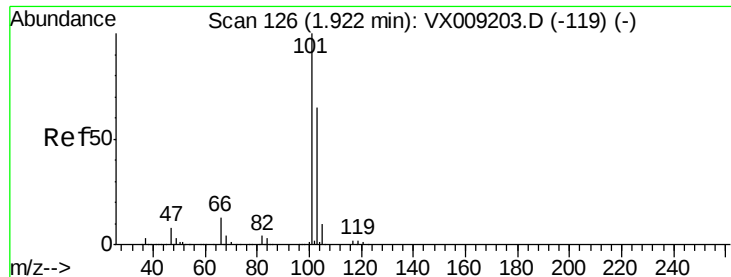
66 30.6 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



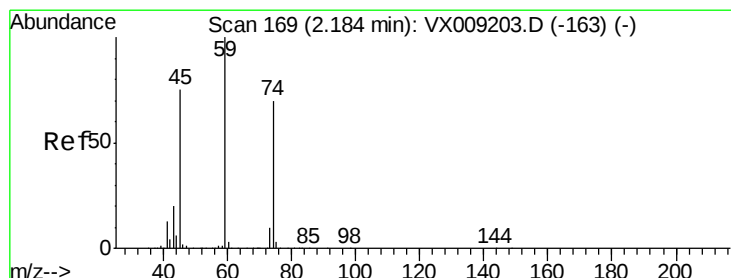
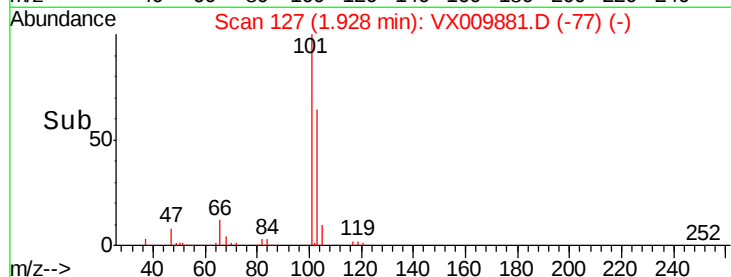
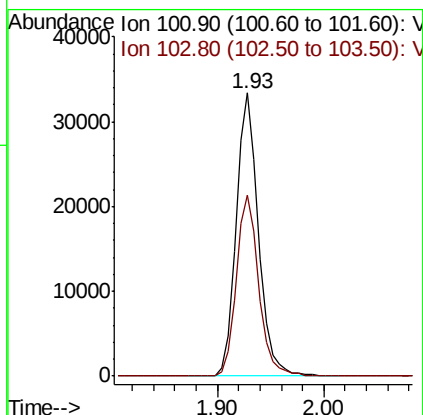
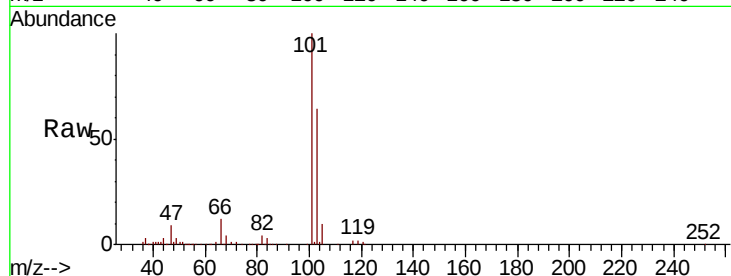


#7

Trichlorofluoromethane
 Concen: 17.911 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX009881.D
 Acq: 24 May 2019 13:03

Instrument :
 MSVOA_X
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 VX0524WBS01

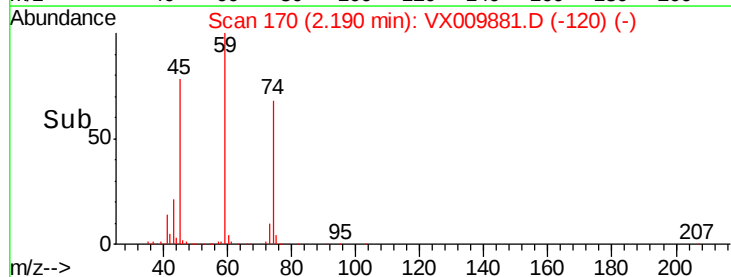
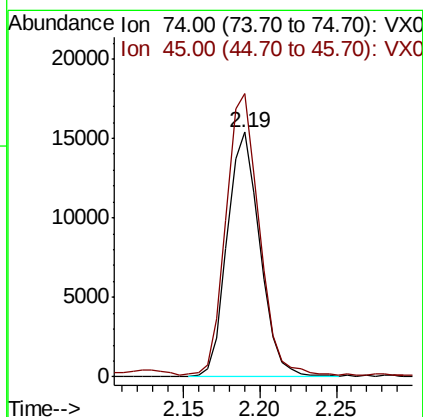
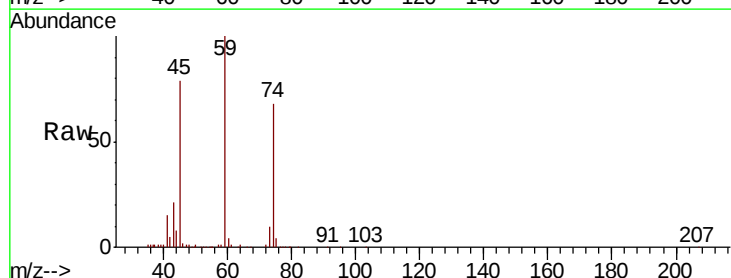
Tot Ion:101 Resp: 48831
 Ion Ratio Lower Upper
 101 100
 103 64.1 52.4 78.6

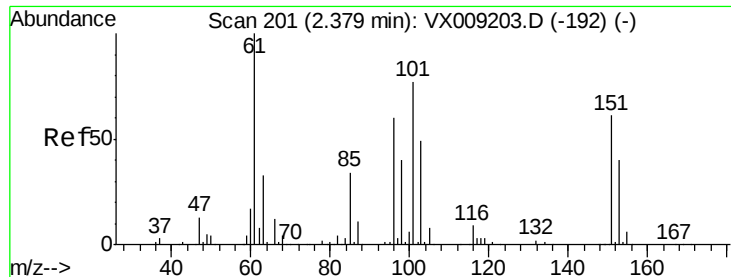


#8

Diethyl Ether
 Concen: 17.736 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX009881.D
 Acq: 24 May 2019 13:03

Tgt Ion: 74 Resp: 22904
 Ion Ratio Lower Upper
 74 100
 45 116.7 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.598 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX009881.D

Acq: 24 May 2019 13:03

Instrument :

MSVOA_X

ClientSampleId :

VX0524WBS01

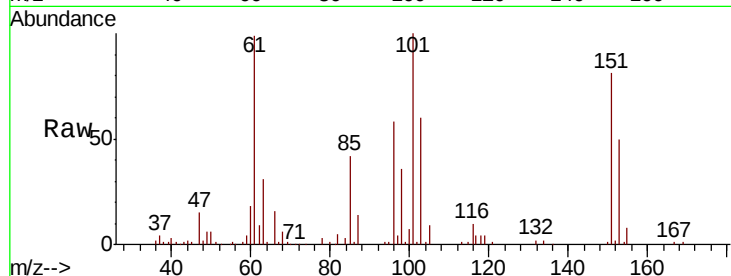
Tot Ion:101 Resp: 30127

Ion Ratio Lower Upper

101 100

85 44.7 35.7 53.5

151 77.6 62.2 93.2

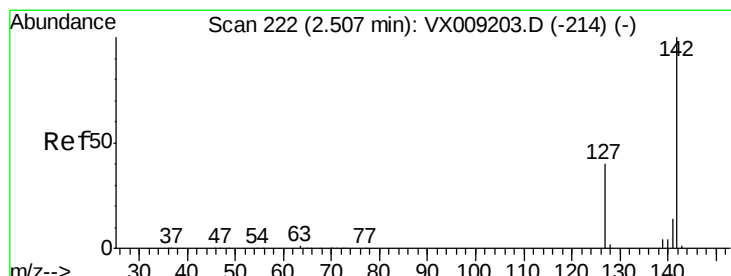
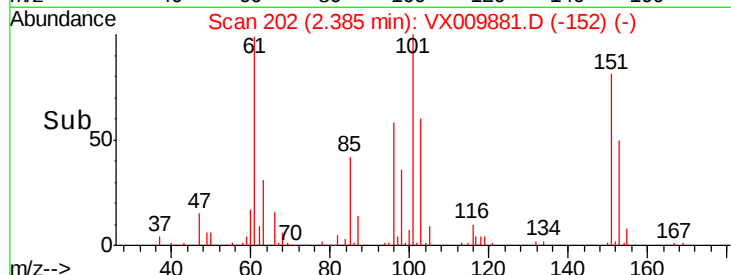
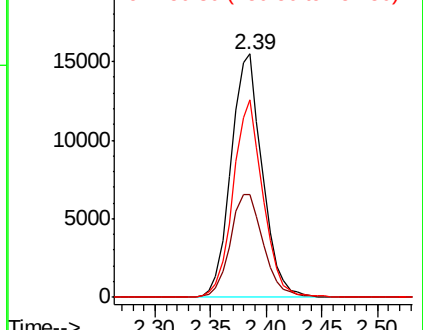


Abundance

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: 20.266 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009881.D

Acq: 24 May 2019 13:03

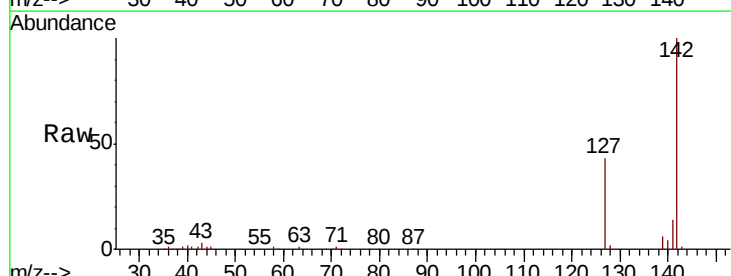
Tgt Ion:142 Resp: 34329

Ion Ratio Lower Upper

142 100

127 42.0 32.7 49.1

141 14.3 11.5 17.3

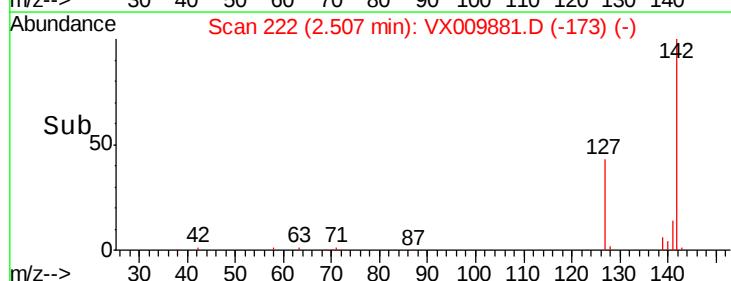
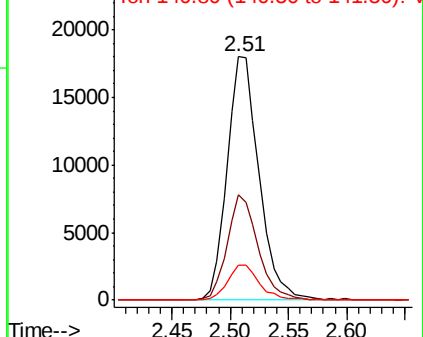


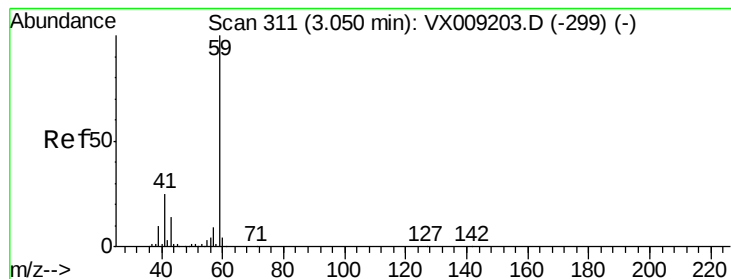
Abundance

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



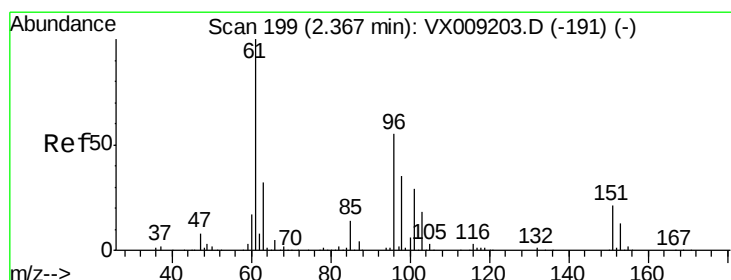
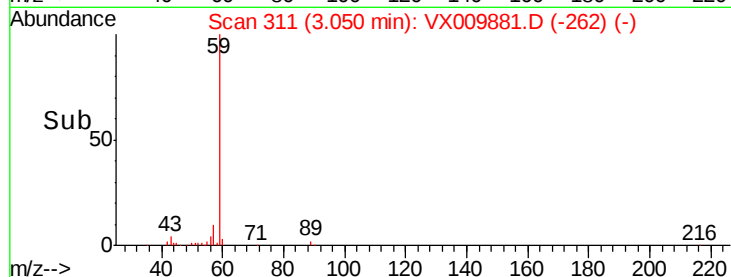
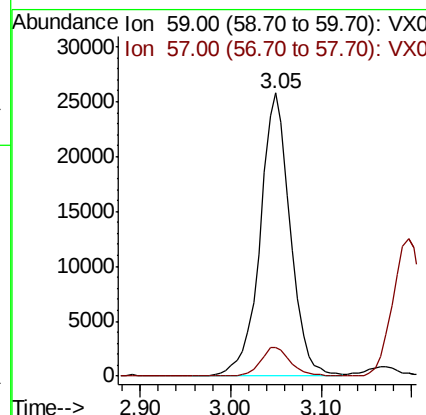
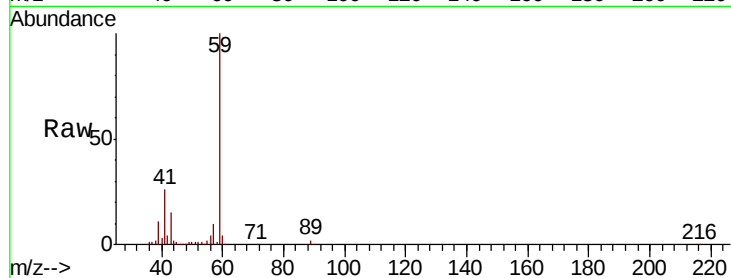


#11

Tert butyl alcohol
 Concen: 102.593 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. -0.00 min
 Lab File: VX009881.D
 Acq: 24 May 2019 13:03

Instrument :
 MSVOA_X
 ClientSampled :
 VX0524WBS01

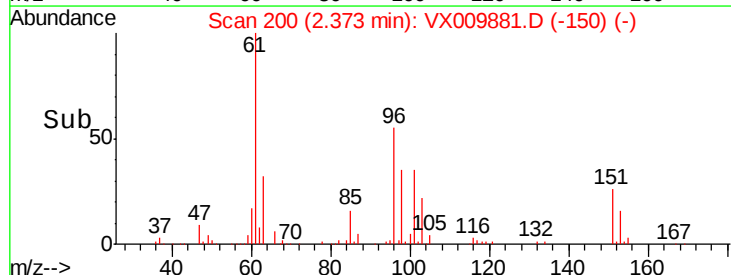
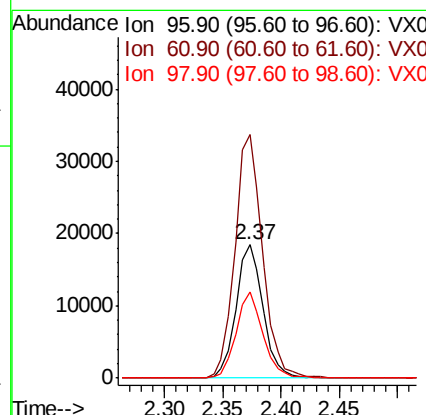
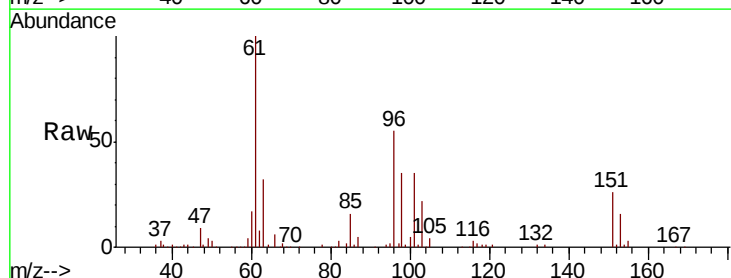
Tot Ion: 59 Resp: 59266
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.2 12.2

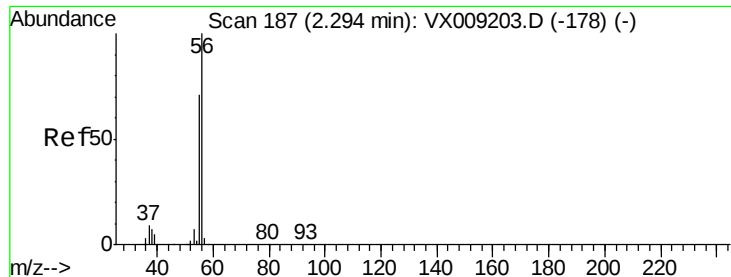


#12

1,1-Dichloroethene
 Concen: 17.430 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.01 min
 Lab File: VX009881.D
 Acq: 24 May 2019 13:03

Tgt Ion: 96 Resp: 29899
 Ion Ratio Lower Upper
 96 100
 61 182.9 144.3 216.5
 98 64.3 50.3 75.5





#13

Acrolein

Concen: 80.477 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009881.D

Acq: 24 May 2019 13:03

Instrument :

MSVOA_X

ClientSampleId :

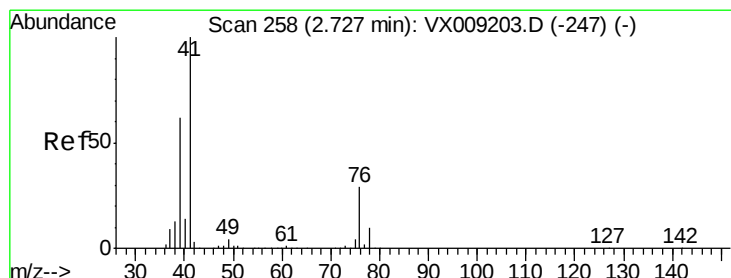
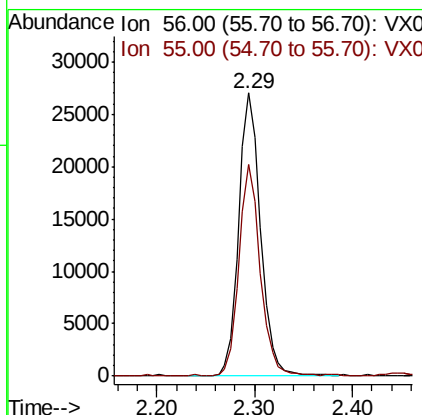
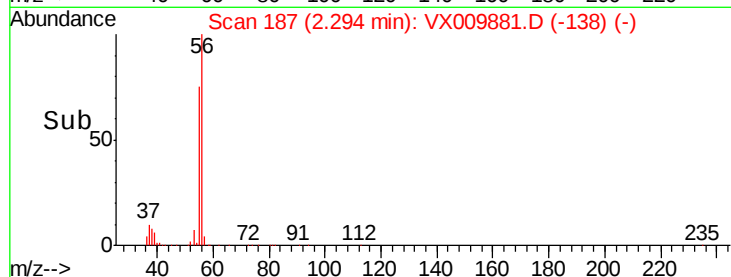
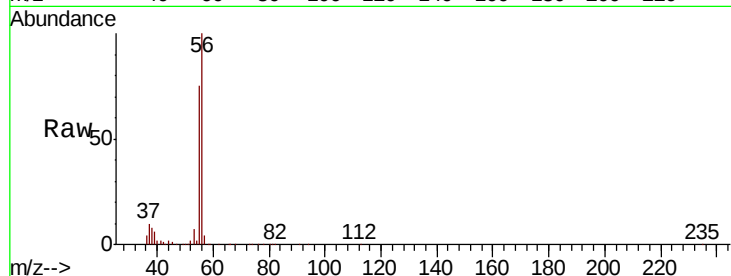
VX0524WBS01

Tot Ion: 56 Resp: 42103

Ion Ratio Lower Upper

56 100

55 72.2 56.6 85.0



#14

Allyl chloride

Concen: 18.199 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX009881.D

Acq: 24 May 2019 13:03

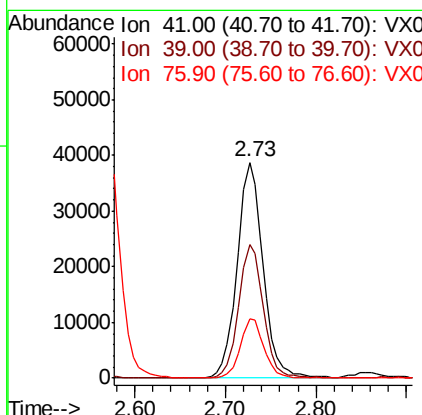
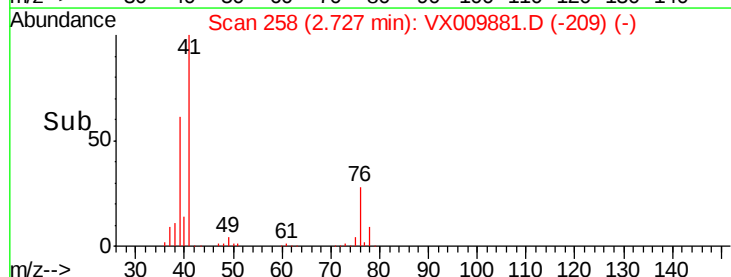
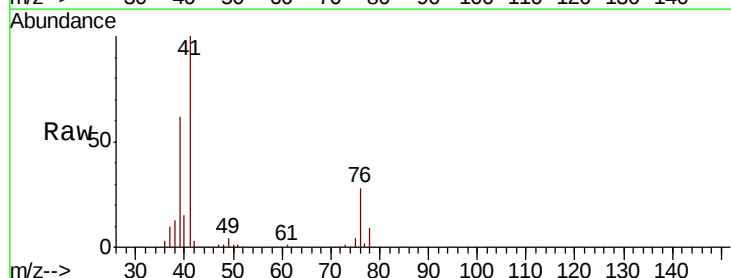
Tgt Ion: 41 Resp: 76079

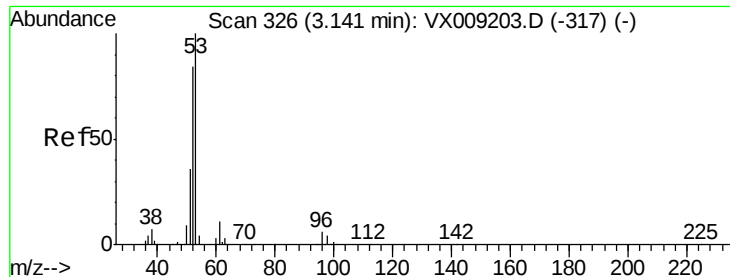
Ion Ratio Lower Upper

41 100

39 59.9 46.7 70.1

76 25.6 21.8 32.8





#15

Acrylonitrile

Concen: 93.368 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX009881.D

Acq: 24 May 2019 13:03

Instrument :

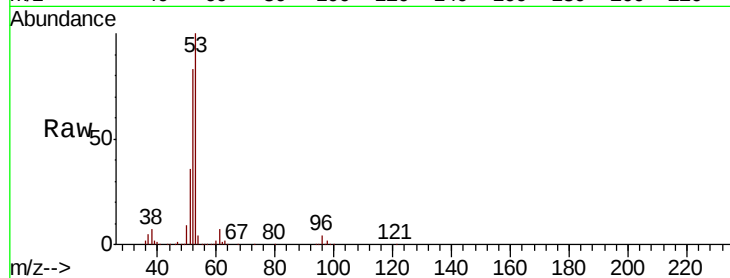
MSVOA_X

ClientSampleId :

VX0524WBS01

Tot Ion: 53 Resp: 131880

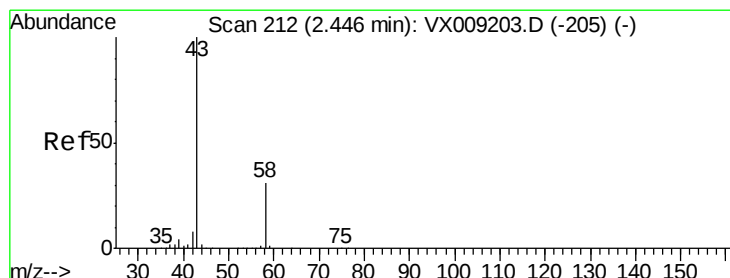
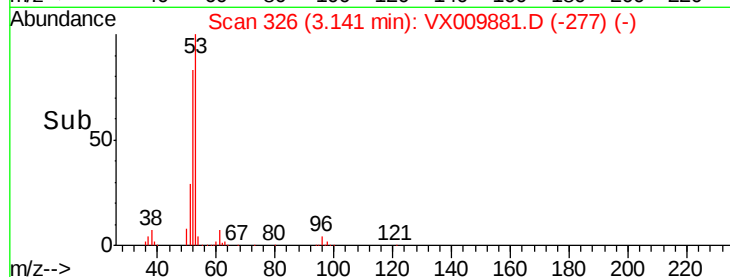
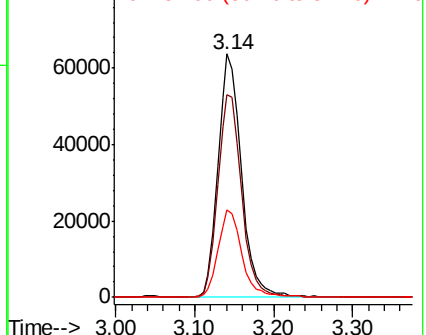
Ion	Ratio	Lower	Upper
53	100		
52	84.8	66.9	100.3
51	36.7	28.2	42.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 97.366 ug/l

RT: 2.45 min Scan# 212

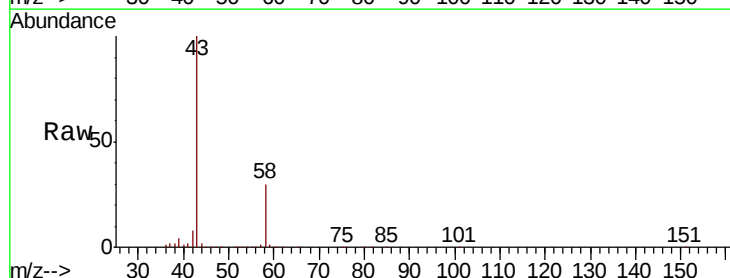
Delta R.T. -0.00 min

Lab File: VX009881.D

Acq: 24 May 2019 13:03

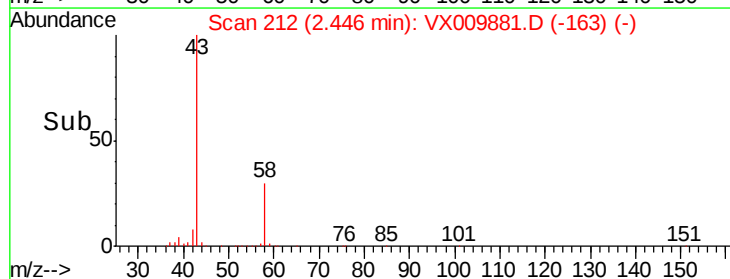
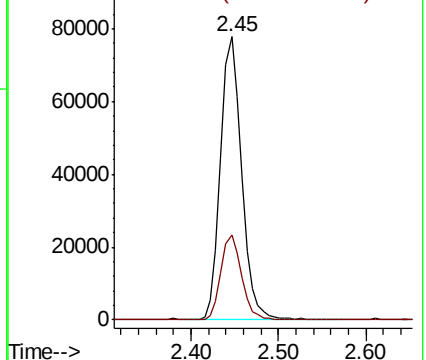
Tgt Ion: 43 Resp: 130477

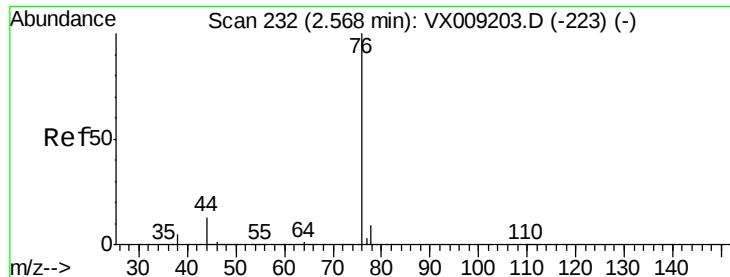
Ion	Ratio	Lower	Upper
43	100		
58	29.8	24.9	37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

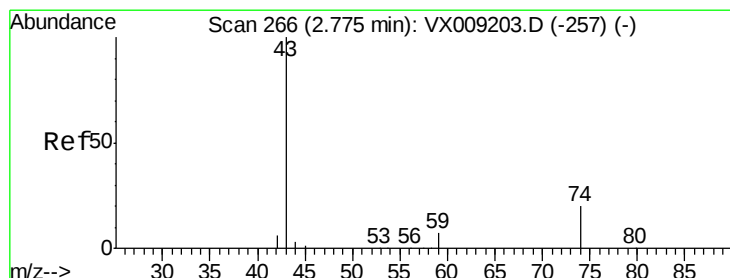
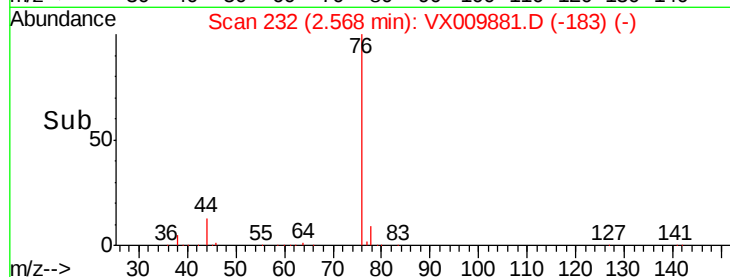
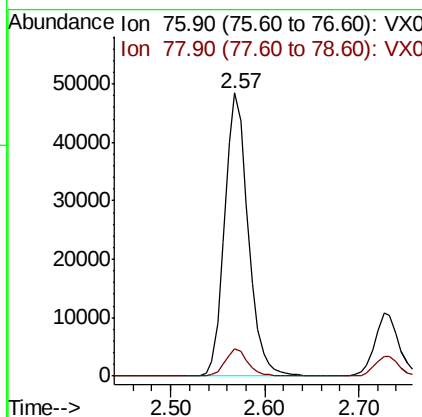
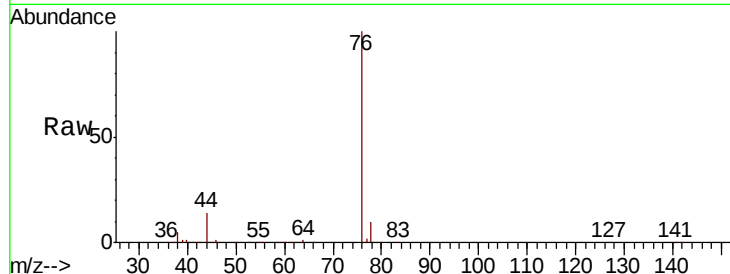




#17
Carbon Disulfide
Concen: 17.443 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX009881.D
Acq: 24 May 2019 13:03

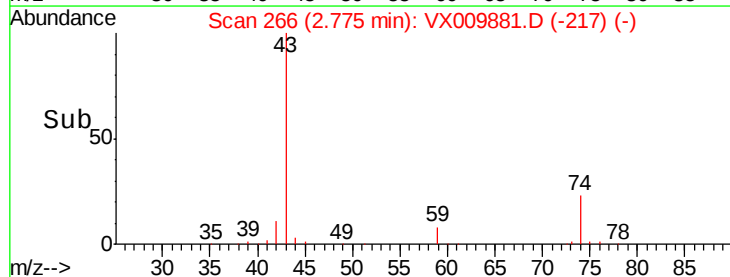
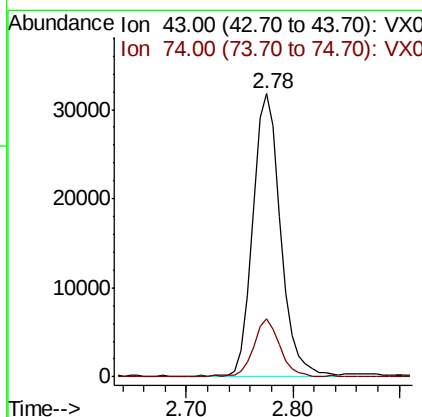
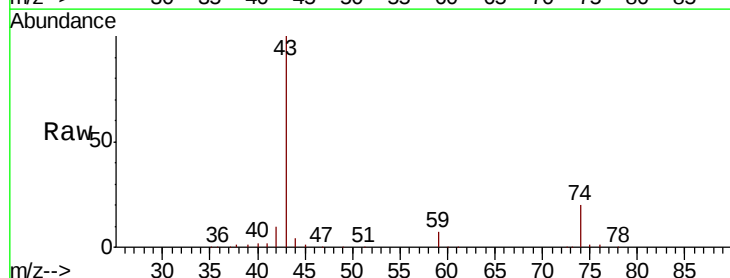
Instrument :
MSVOA_X
ClientSampleId :
VX0524WBS01

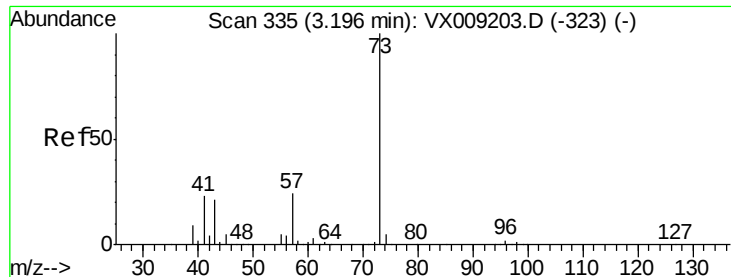
Tot Ion: 76 Resp: 84004
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0



#18
Methyl Acetate
Concen: 18.234 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX009881.D
Acq: 24 May 2019 13:03

Tgt Ion: 43 Resp: 58110
Ion Ratio Lower Upper
43 100
74 19.5 16.2 24.4

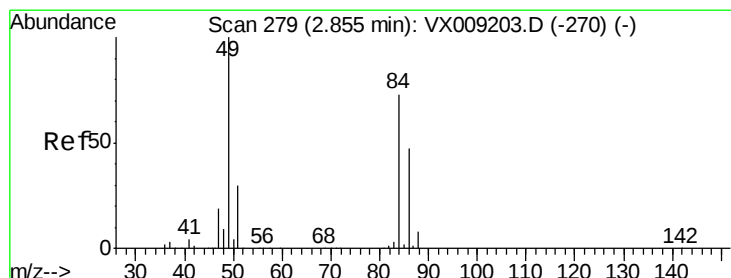
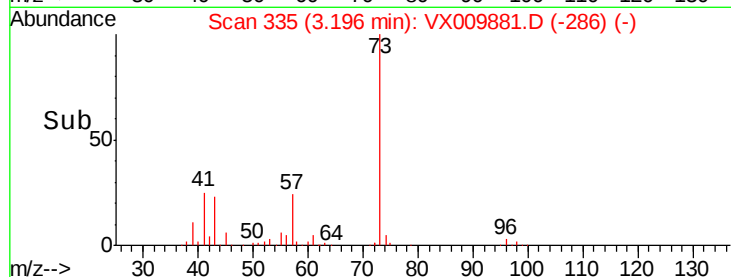
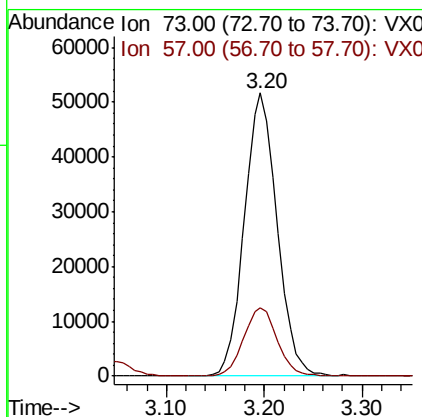
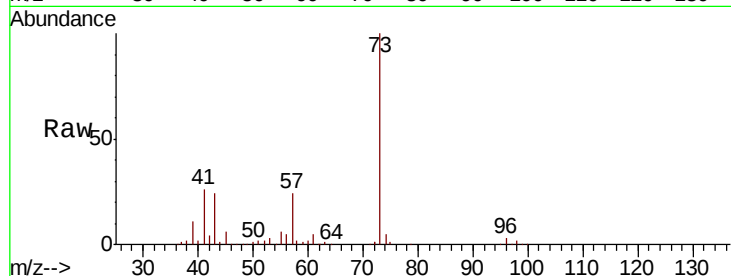




#19
Methvl tert-butvl Ether
Concen: 18.006 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX009881.D
Acq: 24 May 2019 13:03

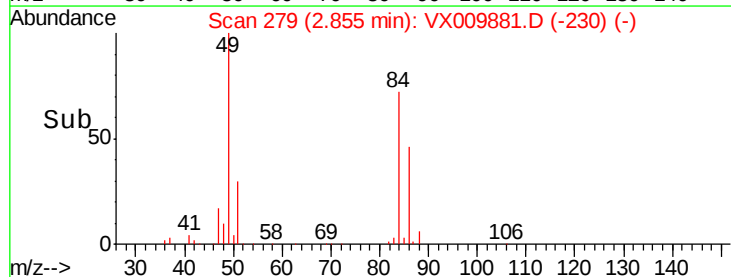
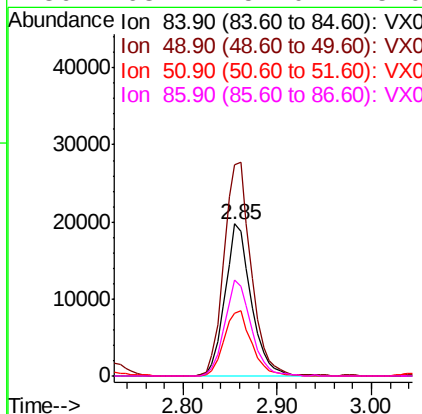
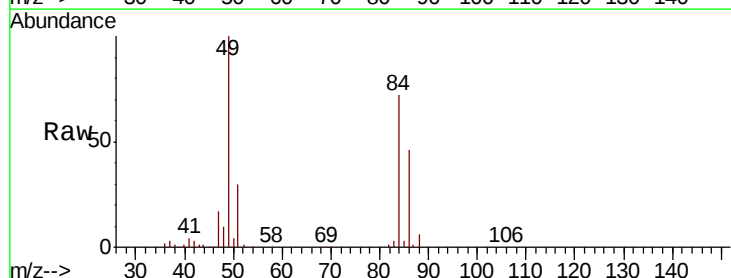
Instrument :
MSVOA_X
ClientSampleId :
VX0524WBS01

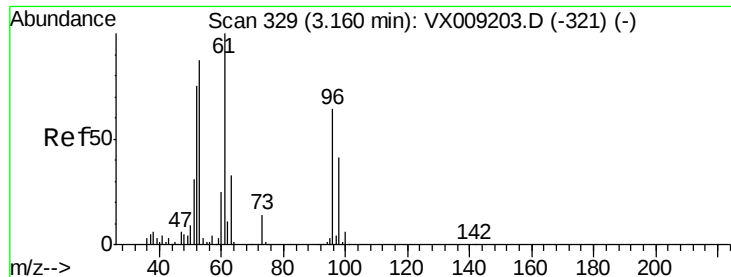
Tot Ion: 73 Resp: 119937
Ion Ratio Lower Upper
73 100
57 24.3 19.3 28.9



#20
Methylene Chloride
Concen: 17.548 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009881.D
Acq: 24 May 2019 13:03

Tgt Ion: 84 Resp: 38075
Ion Ratio Lower Upper
84 100
49 138.7 109.9 164.9
51 41.5 32.7 49.1
86 63.4 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 17.919 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009881.D

Acq: 24 May 2019 13:03

Instrument :

MSVOA_X

ClientSampleId :

VX0524WBS01

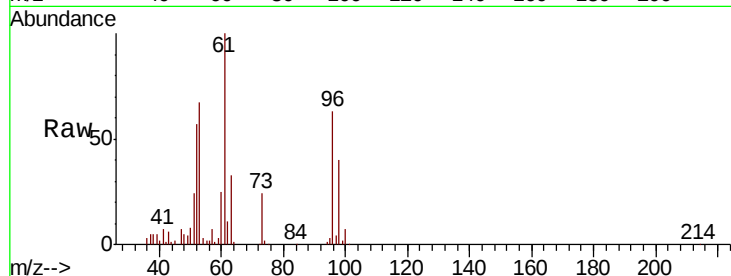
Tot Ion: 96 Resp: 33334

Ion Ratio Lower Upper

96 100

61 159.0 124.5 186.7

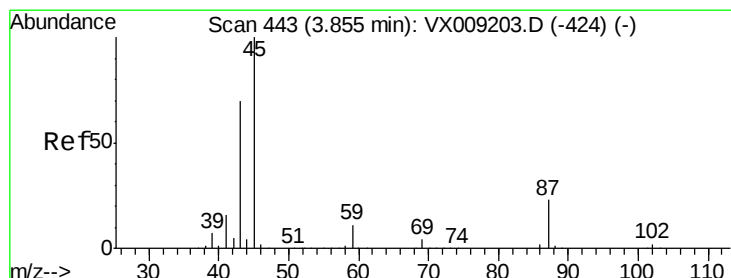
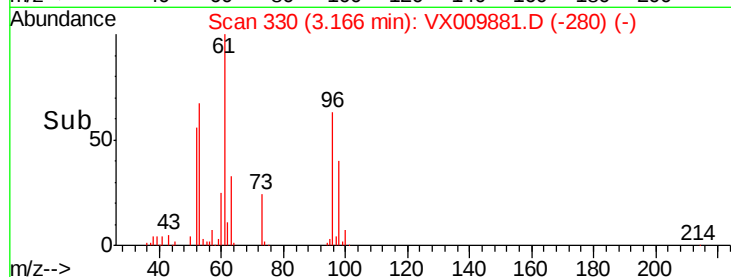
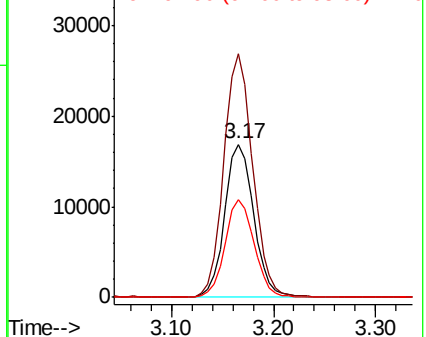
98 64.1 50.4 75.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 18.918 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX009881.D

Acq: 24 May 2019 13:03

Tgt Ion: 45 Resp: 152082

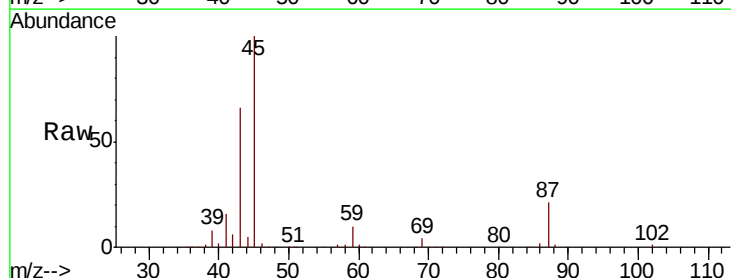
Ion Ratio Lower Upper

45 100

43 65.7 56.1 84.1

87 21.4 18.1 27.1

59 10.4 8.5 12.7

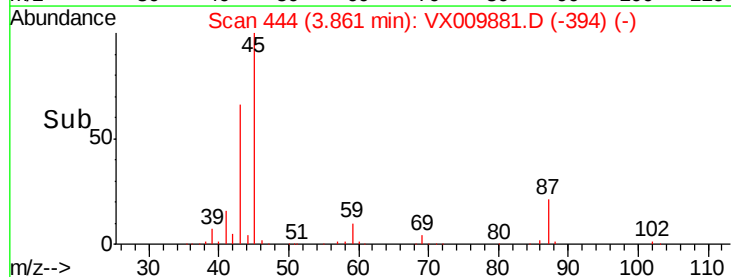
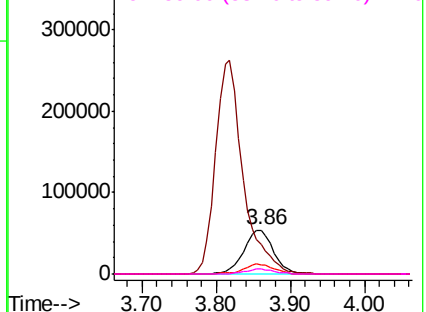


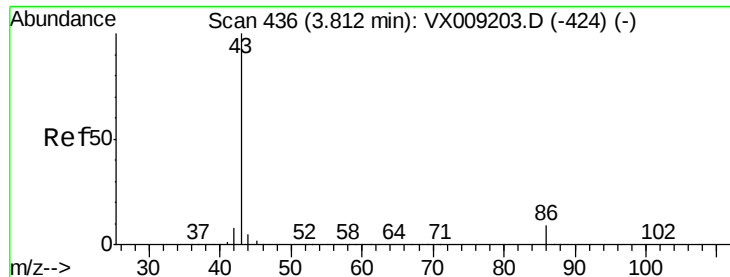
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 98.200 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.01 min

Lab File: VX009881.D

Acq: 24 May 2019 13:03

Instrument :

MSVOA_X

ClientSampled :

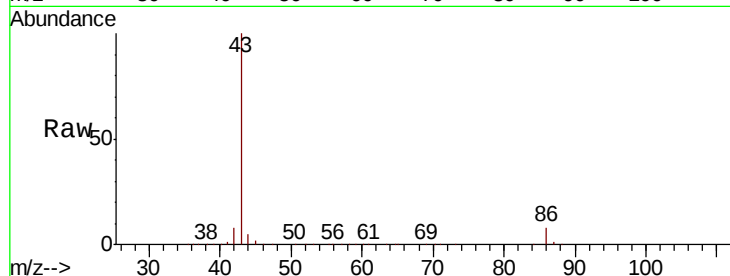
VX0524WBS01

Tot Ion: 43 Resp: 676015

Ion Ratio Lower Upper

43 100

86 8.0 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

250000

200000

150000

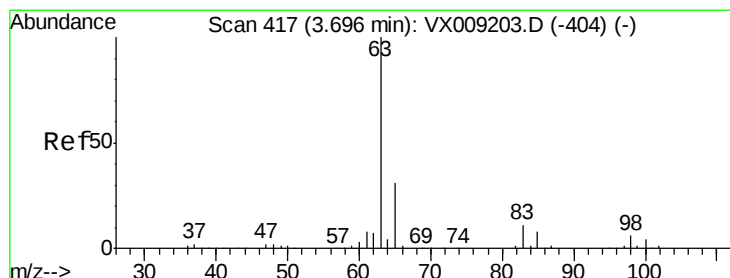
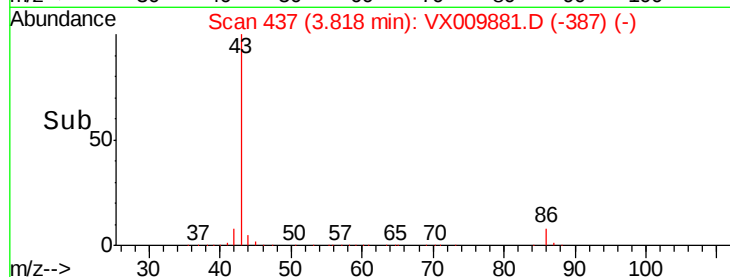
100000

50000

0

3.80 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 17.976 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009881.D

Acq: 24 May 2019 13:03

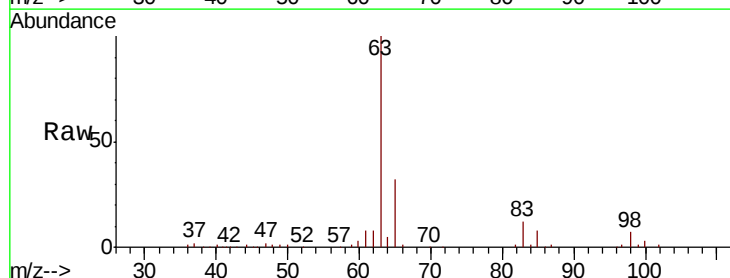
Tgt Ion: 63 Resp: 71288

Ion Ratio Lower Upper

63 100

98 6.5 3.0 9.2

100 3.5 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

40000

30000

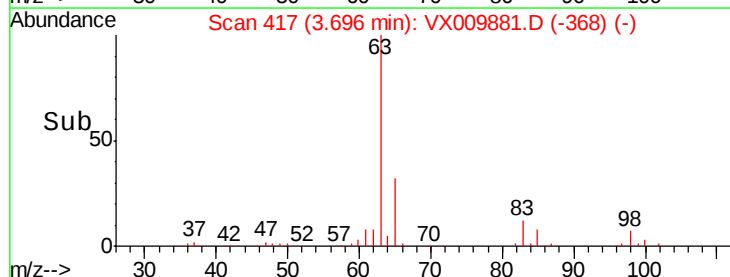
20000

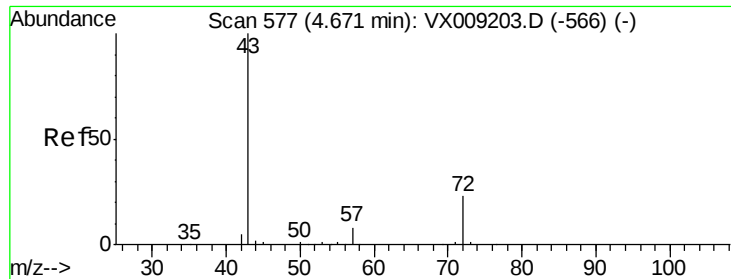
10000

0

3.60 3.80

Time-->





#25

2-Butanone

Concen: 98.572 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX009881.D

Acq: 24 May 2019 13:03

Instrument :

MSVOA_X

ClientSampleId :

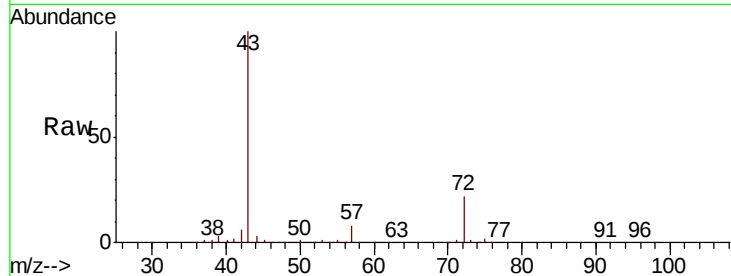
VX0524WBS01

Tot Ion: 43 Resp: 205269

Ion Ratio Lower Upper

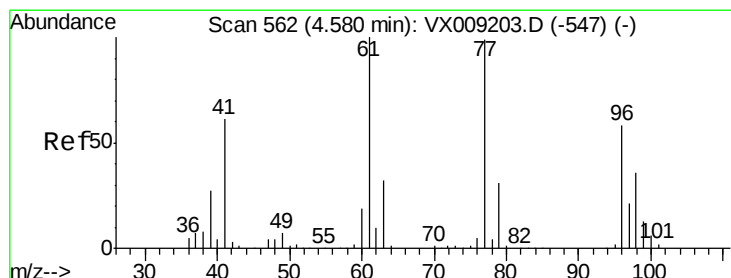
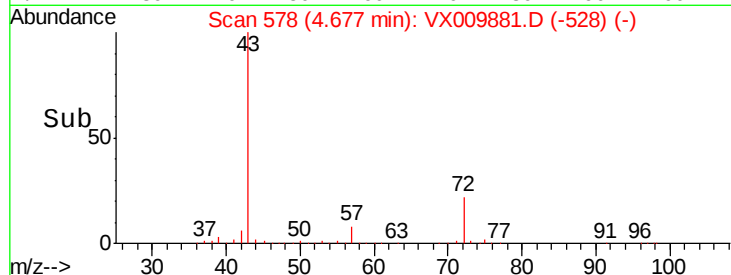
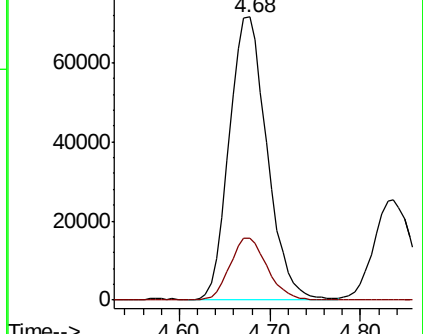
43 100

72 21.7 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 17.437 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX009881.D

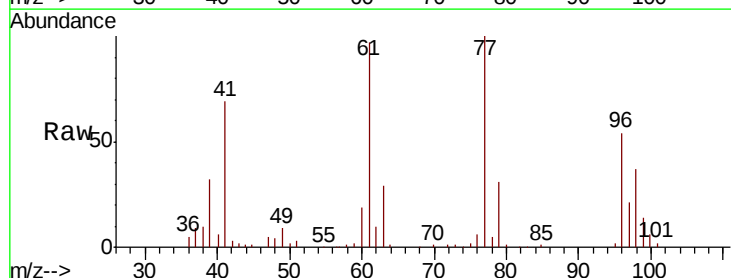
Acq: 24 May 2019 13:03

Tgt Ion: 77 Resp: 51472

Ion Ratio Lower Upper

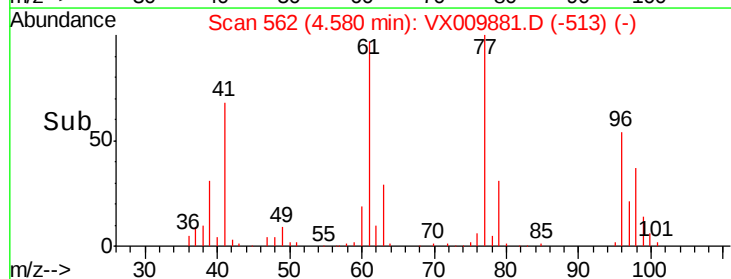
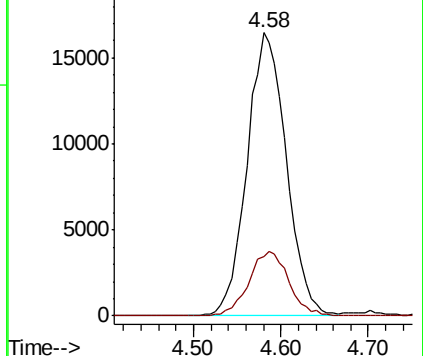
77 100

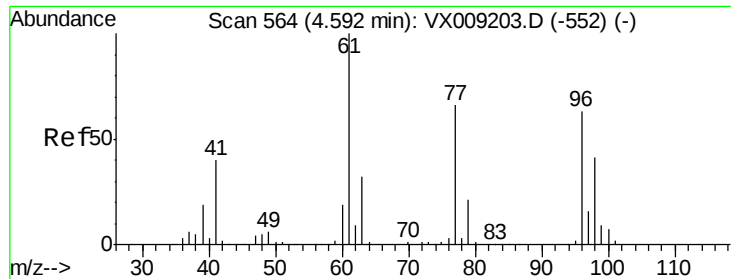
97 22.9 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



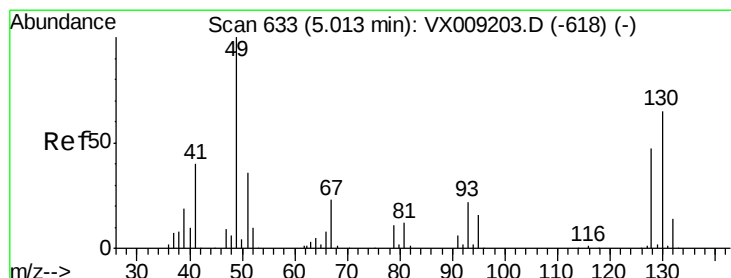
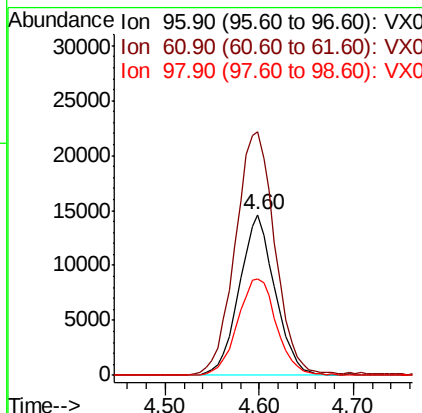
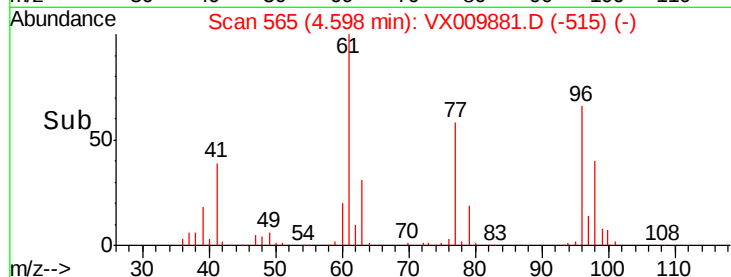
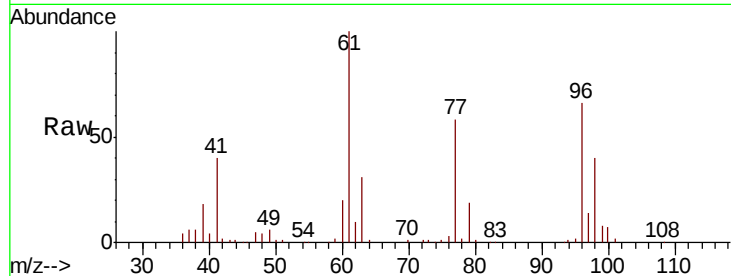


#27

cis-1,2-Dichloroethene
Concen: 17.538 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX009881.D
Acq: 24 May 2019 13:03

Instrument :
MSVOA_X
ClientSampleId :
VX0524WBS01

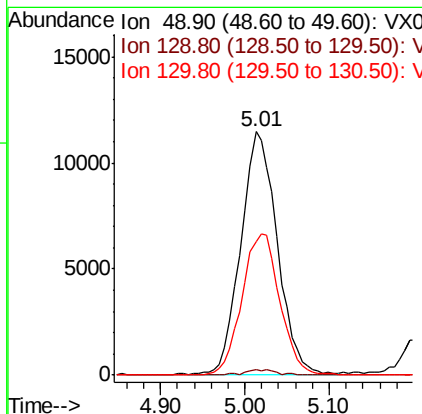
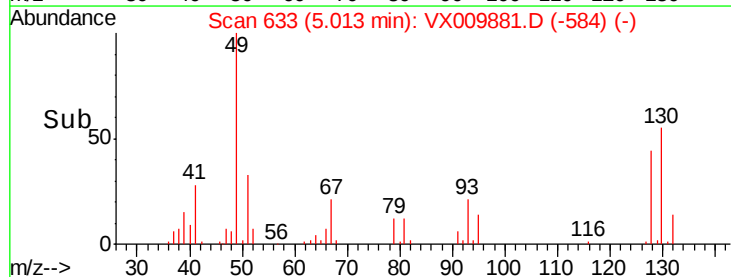
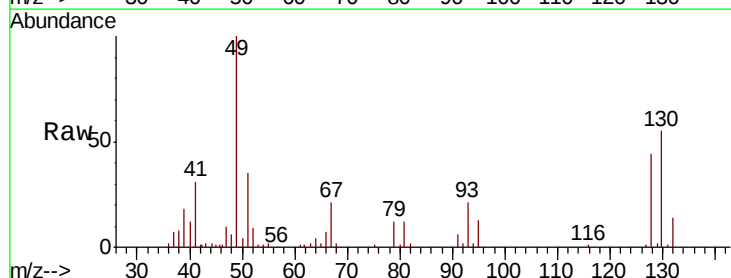
Tot Ion: 96 Resp: 38943
Ion Ratio Lower Upper
96 100
61 168.5 0.0 324.0
98 65.6 0.0 130.4

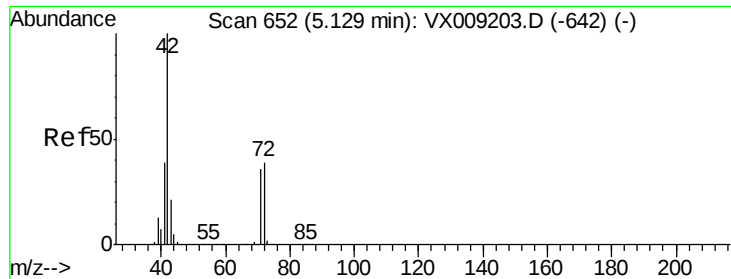


#28

Bromochloromethane
Concen: 19.469 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX009881.D
Acq: 24 May 2019 13:03

Tgt Ion: 49 Resp: 33753
Ion Ratio Lower Upper
49 100
129 1.7 0.0 3.8
130 60.0 51.2 76.8

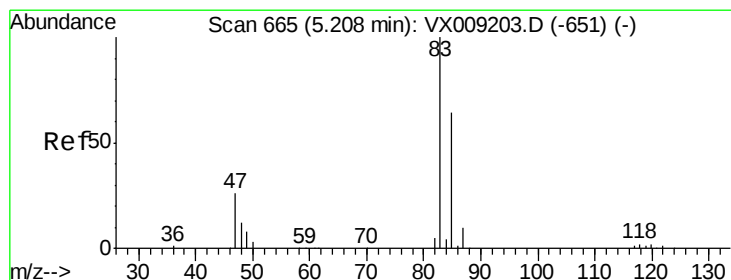
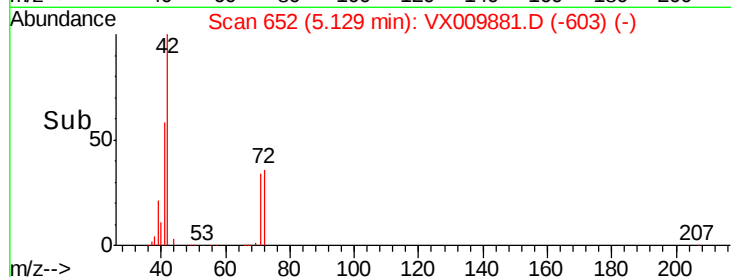
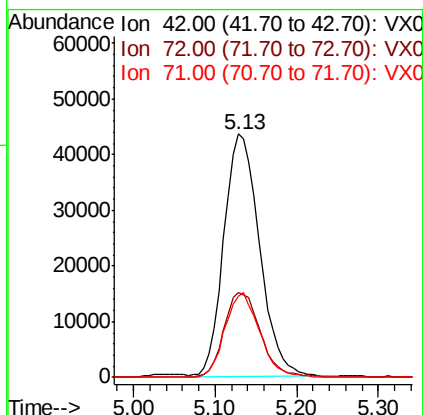
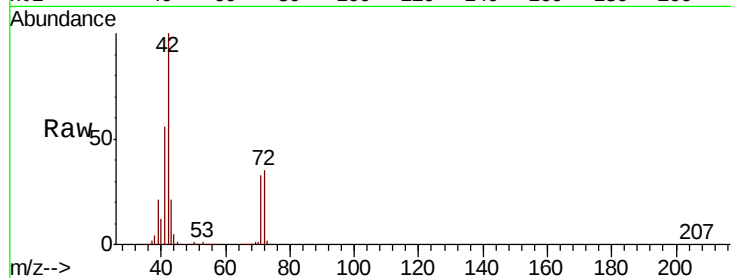




#29
Tetrahydrofuran
Concen: 98.353 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX009881.D
Acq: 24 May 2019 13:03

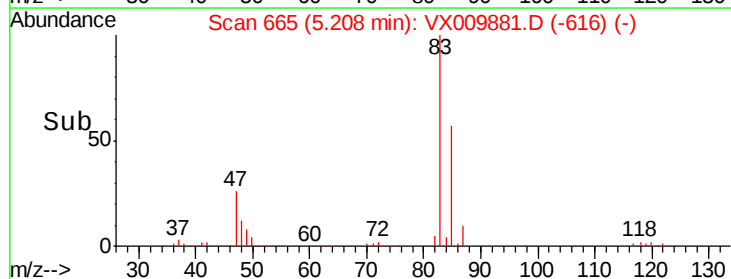
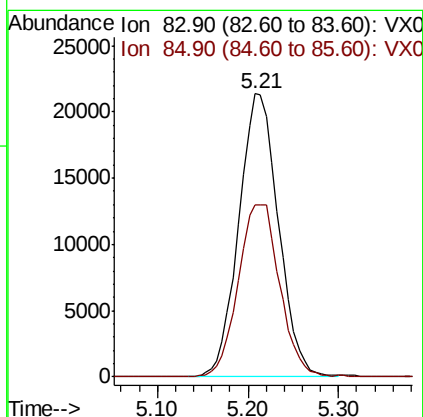
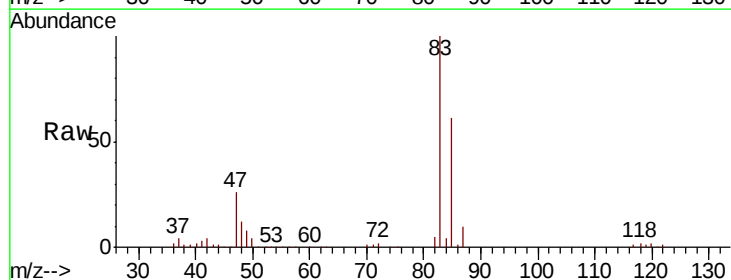
Instrument :
MSVOA_X
ClientSampleId :
VX0524WBS01

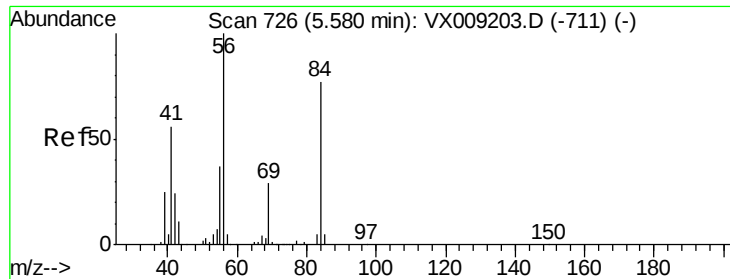
Tot Ion: 42 Resp: 131796
Ion Ratio Lower Upper
42 100
72 36.3 30.4 45.6
71 34.0 28.6 43.0



#30
Chloroform
Concen: 18.025 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.00 min
Lab File: VX009881.D
Acq: 24 May 2019 13:03

Tgt Ion: 83 Resp: 64654
Ion Ratio Lower Upper
83 100
85 60.8 51.5 77.3

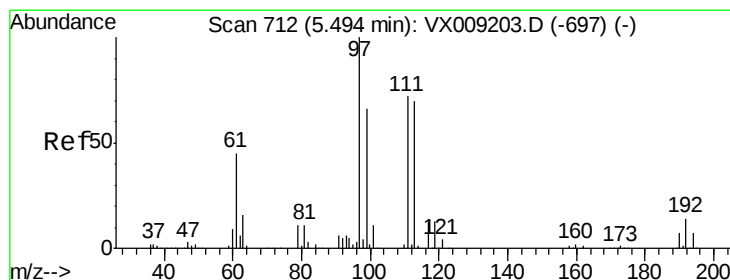
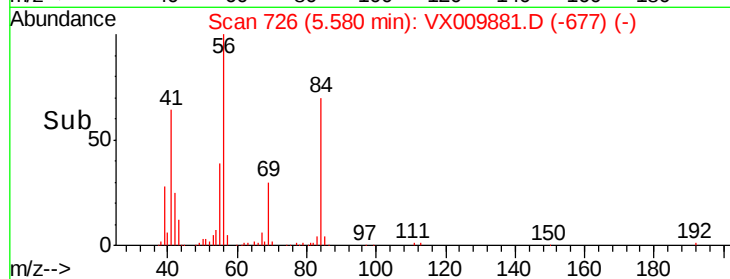
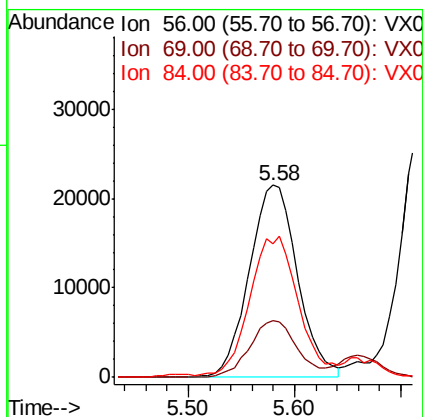
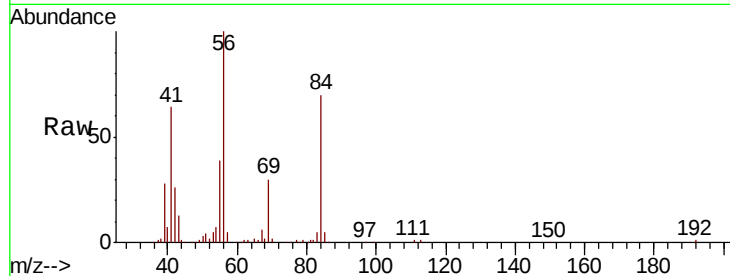




#31
Cyclohexane
Concen: 18.499 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX009881.D
Acq: 24 May 2019 13:03

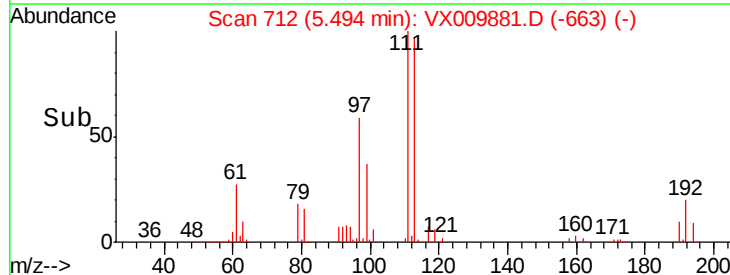
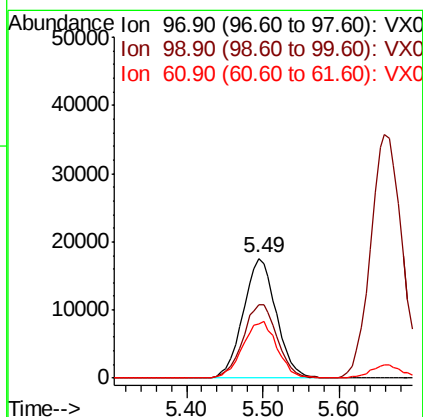
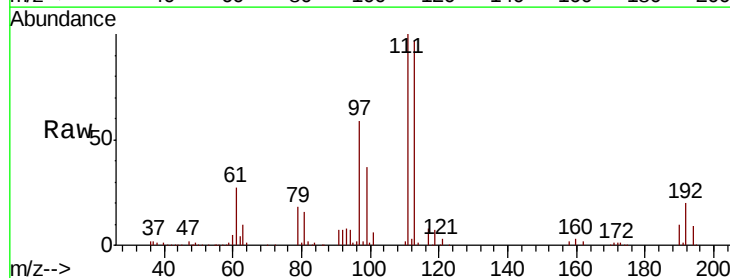
Instrument :
MSVOA_X
ClientSampleId :
VX0524WBS01

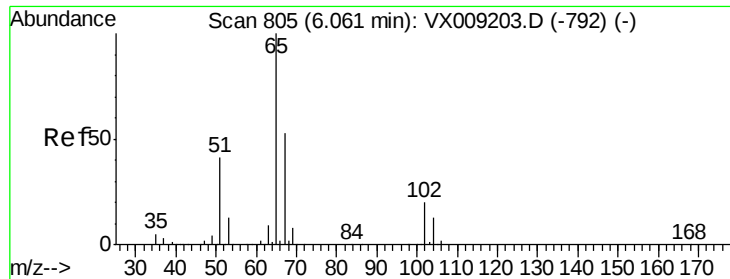
Tot Ion	56	Resp	68256
Ion	Ratio	Lower	Upper
56	100		
69	28.7	23.4	35.0
84	68.2	61.9	92.9



#32
1,1,1-Trichloroethane
Concen: 17.667 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX009881.D
Acq: 24 May 2019 13:03

Tgt Ion	97	Resp	52752
Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.8	77.8
61	49.6	37.8	56.8

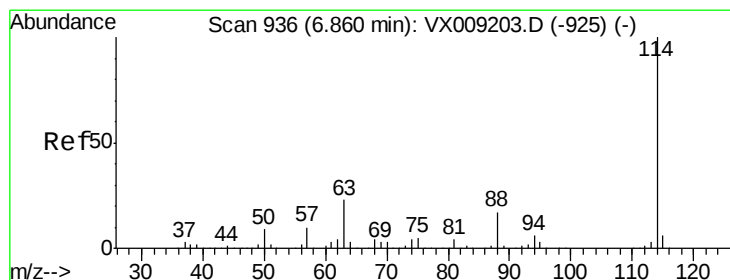
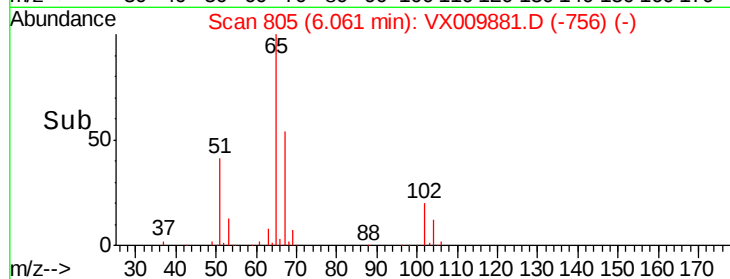
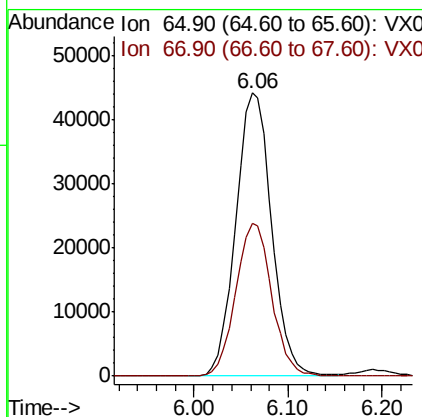
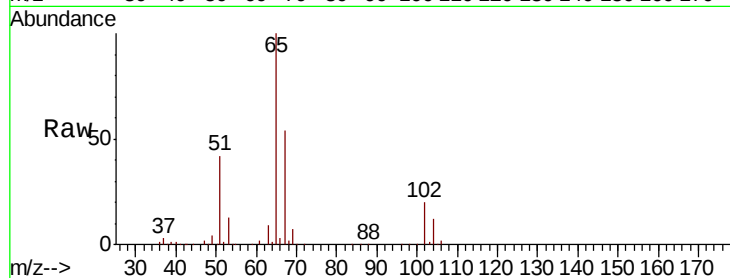




#33
 1,2-Dichloroethane-d4
 Concen: 47.078 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009881.D
 Acq: 24 May 2019 13:03

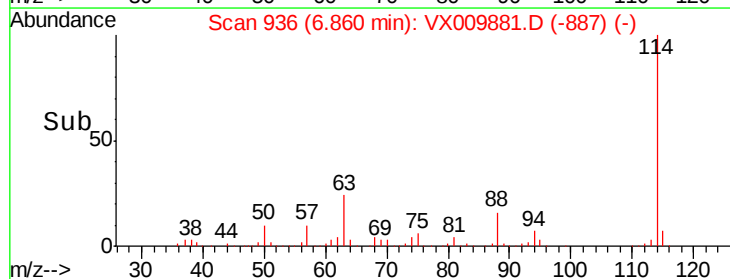
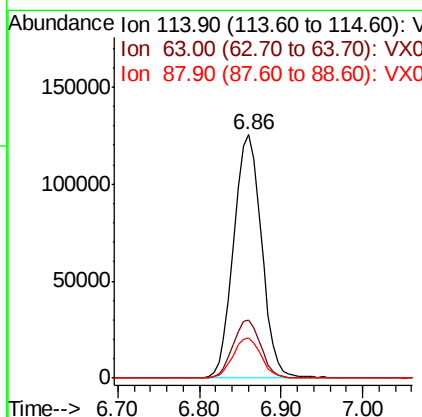
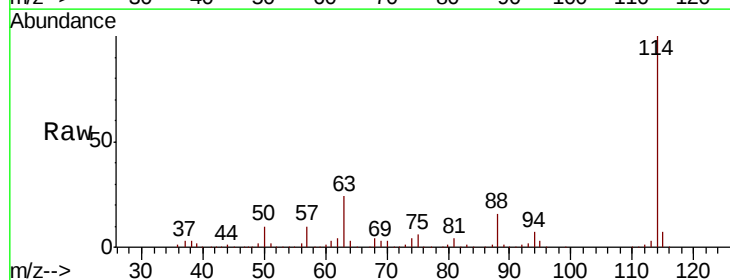
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0524WBS01

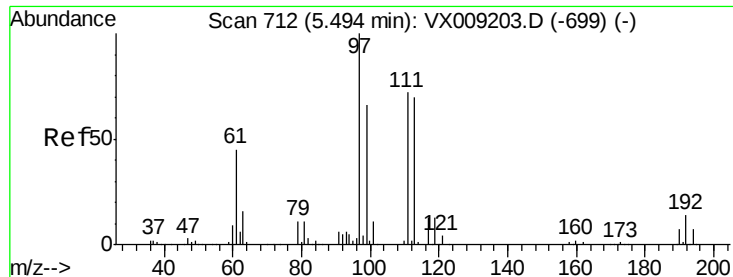
Tot Ion: 65 Resp: 117490
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009881.D
 Acq: 24 May 2019 13:03

Tgt Ion: 114 Resp: 296553
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 45.6
 88 16.4 0.0 33.2

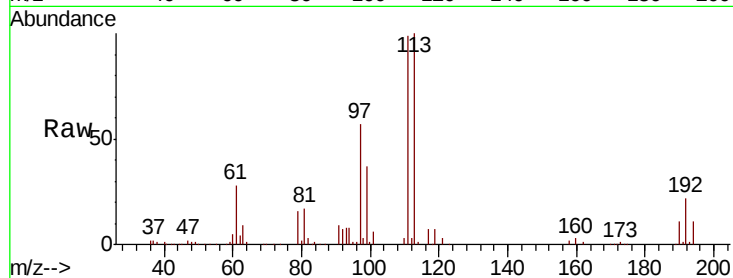




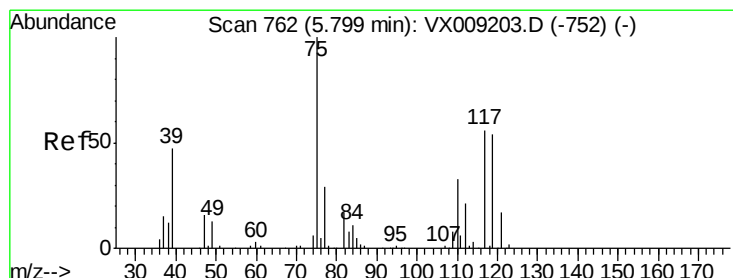
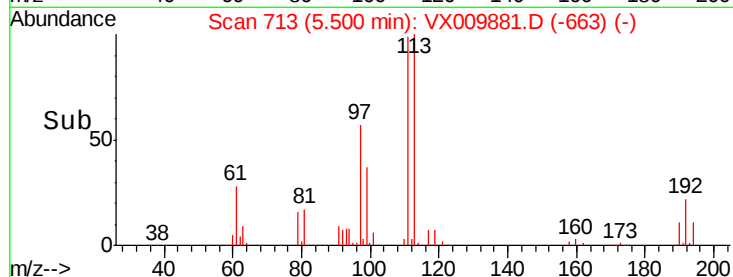
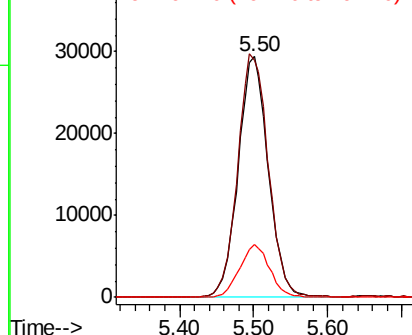
#35
 Dibromofluoromethane
 Concen: 44.663 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009881.D
 Acq: 24 May 2019 13:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0524WBS01

Tot Ion:113 Resp: 83263
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.8 124.2
 192 21.8 17.0 25.6

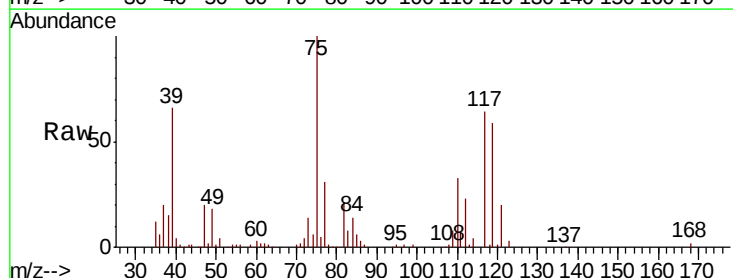


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

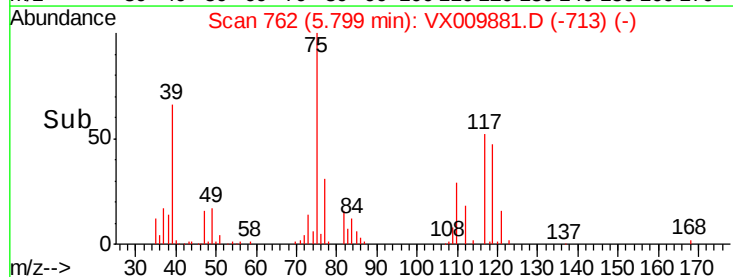
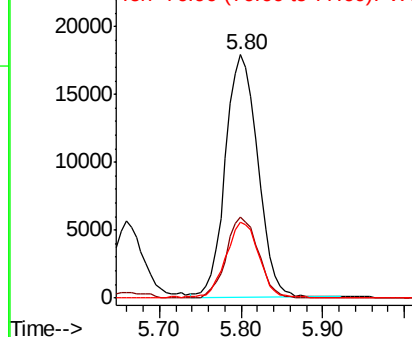


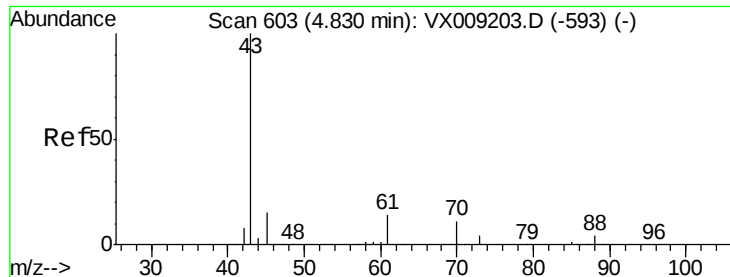
#36
 1,1-Dichloropropene
 Concen: 17.752 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX009881.D
 Acq: 24 May 2019 13:03

Tgt Ion: 75 Resp: 48922
 Ion Ratio Lower Upper
 75 100
 110 33.3 16.9 50.6
 77 32.2 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 19.503 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.01 min

Lab File: VX009881.D

Acq: 24 May 2019 13:03

Instrument :

MSVOA_X

ClientSampled :

VX0524WBS01

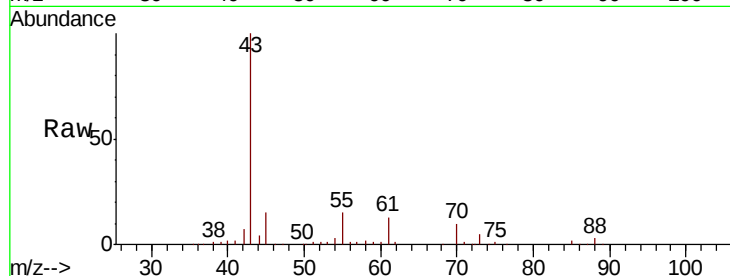
Tot Ion: 43 Resp: 74889

Ion Ratio Lower Upper

43 100

61 13.6 10.5 15.7

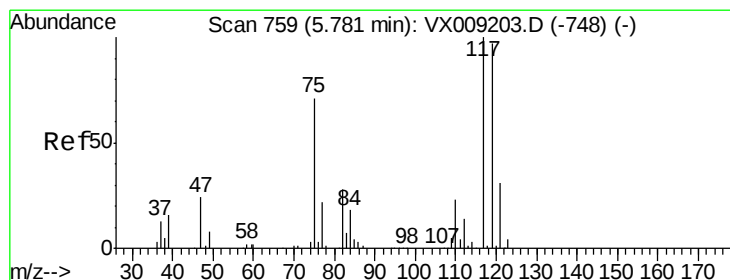
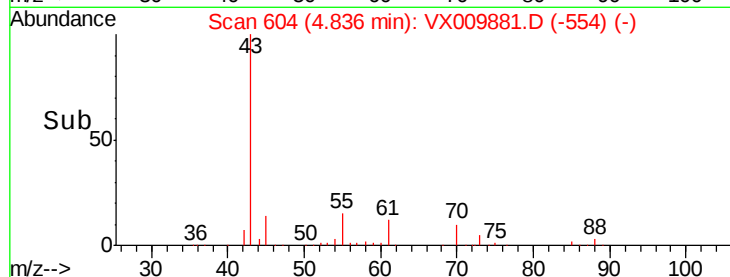
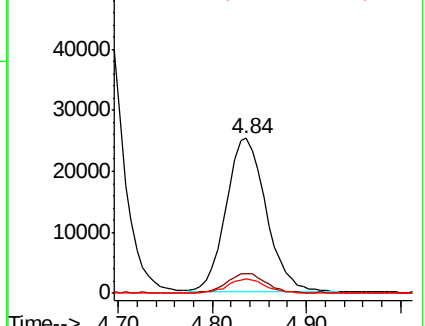
70 9.1 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 17.348 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.01 min

Lab File: VX009881.D

Acq: 24 May 2019 13:03

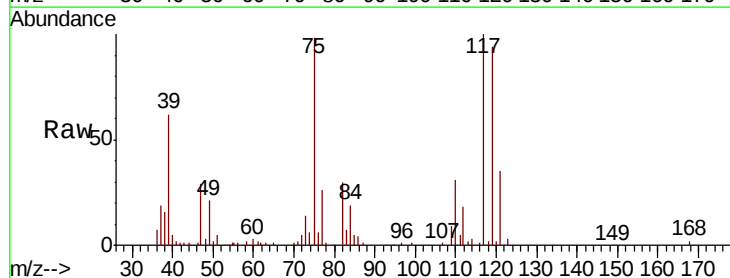
Tgt Ion: 117 Resp: 43437

Ion Ratio Lower Upper

117 100

119 93.7 77.5 116.3

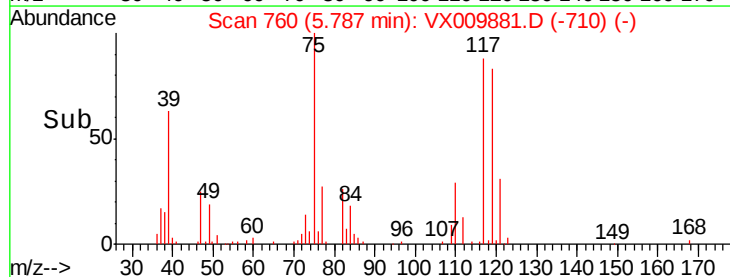
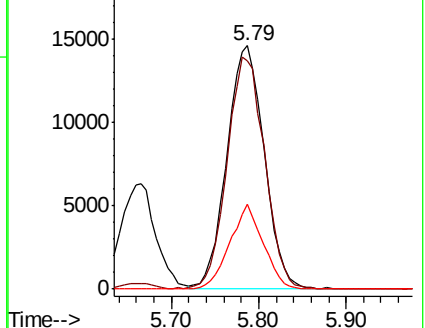
121 35.1 24.7 37.1

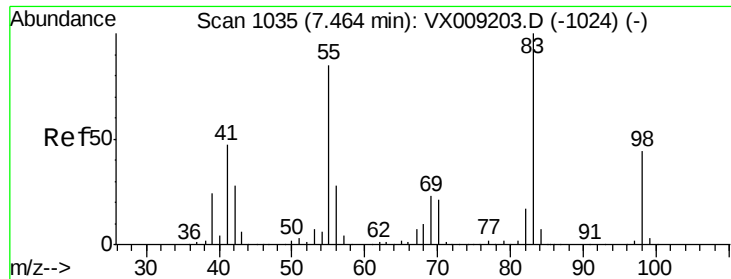


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

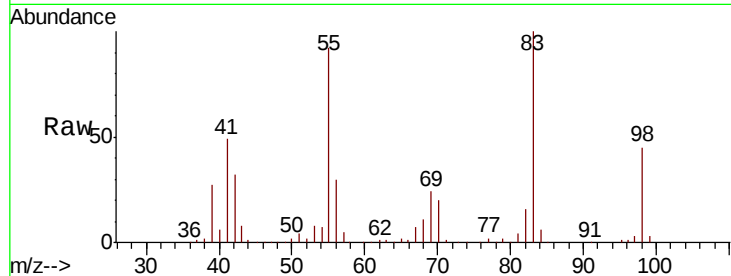




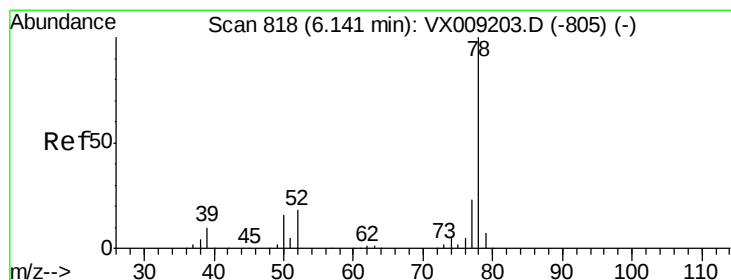
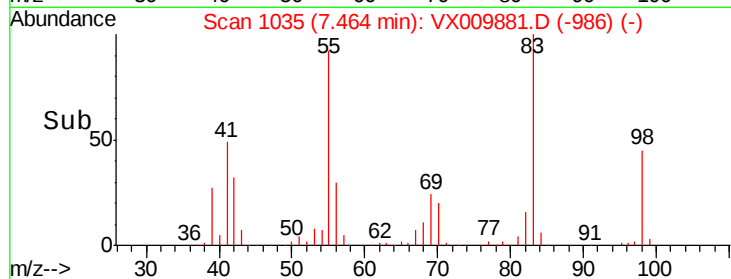
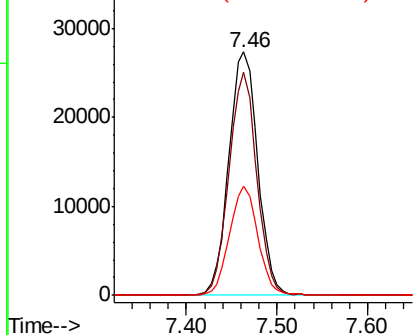
#39
Methvlcvclohexane
Concen: 17.949 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX009881.D
Acq: 24 May 2019 13:03

Instrument :
MSVOA_X
ClientSampleId :
VX0524WBS01

Tot Ion: 83 Resp: 60748
Ion Ratio Lower Upper
83 100
55 91.7 67.7 101.5
98 45.1 35.5 53.3

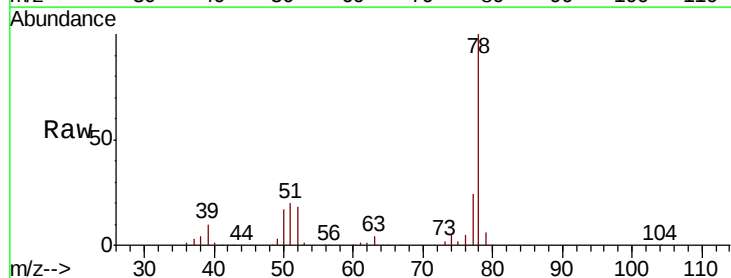


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

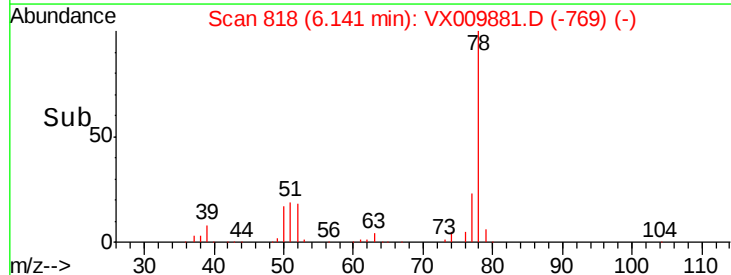
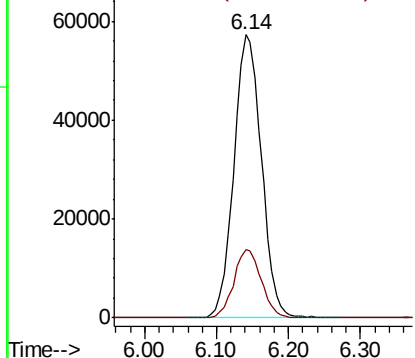


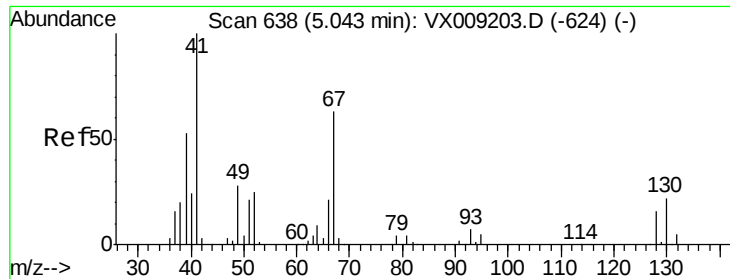
#40
Benzene
Concen: 17.850 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX009881.D
Acq: 24 May 2019 13:03

Tgt Ion: 78 Resp: 152247
Ion Ratio Lower Upper
78 100
77 24.1 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 18.290 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX009881.D

Acq: 24 May 2019 13:03

Instrument :

MSVOA_X

ClientSampled :

VX0524WBS01

Tot Ion: 41 Resp: 41806

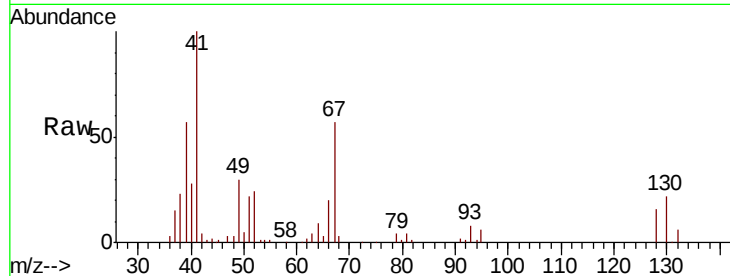
Ion Ratio Lower Upper

41 100

39 53.9 42.0 63.0

67 61.3 49.8 74.8

52 27.9 20.3 30.5

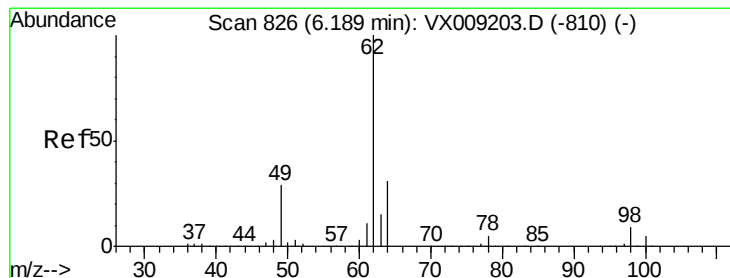
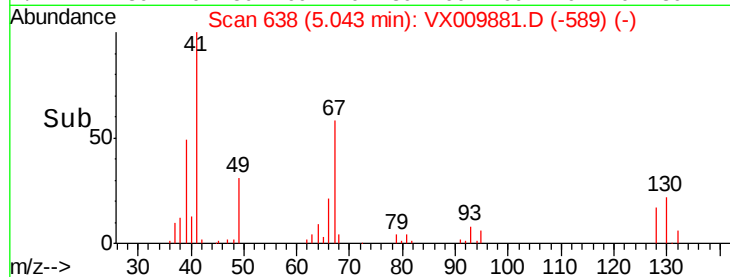
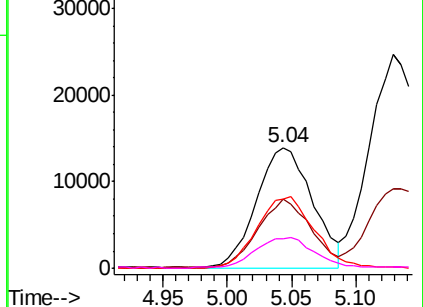


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 18.568 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.00 min

Lab File: VX009881.D

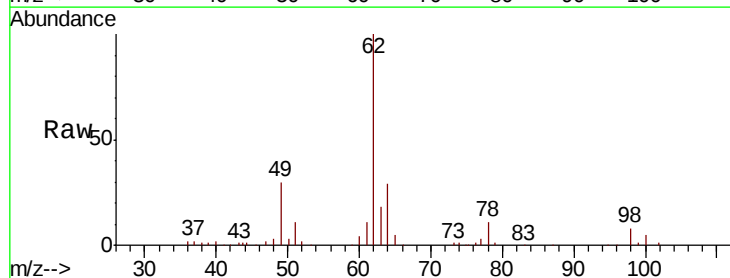
Acq: 24 May 2019 13:03

Tgt Ion: 62 Resp: 56809

Ion Ratio Lower Upper

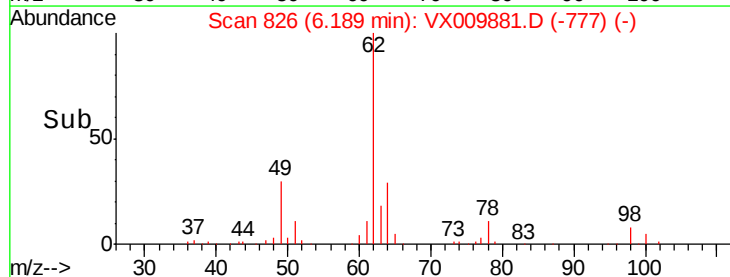
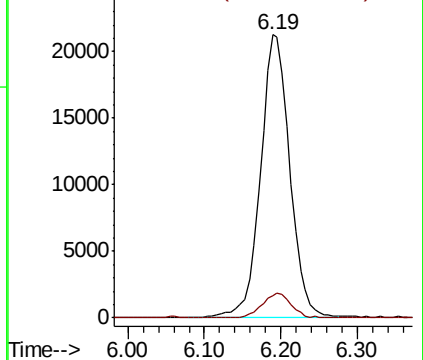
62 100

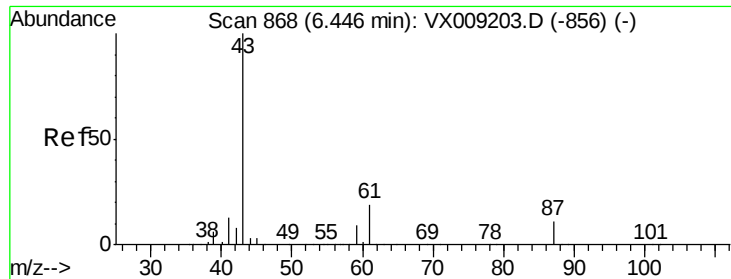
98 8.5 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



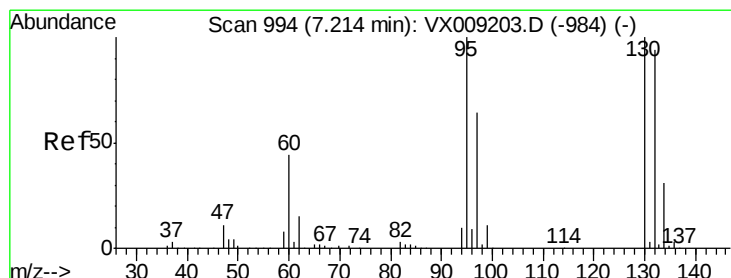
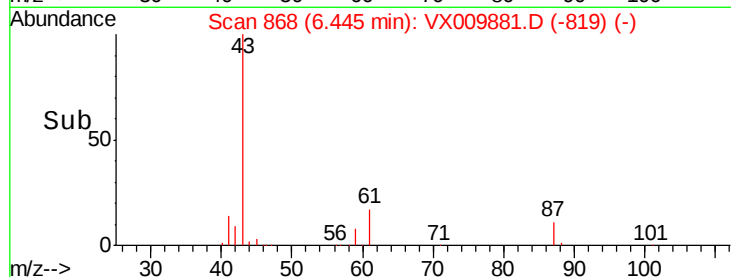
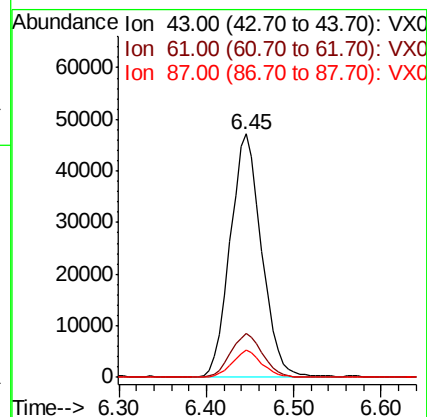
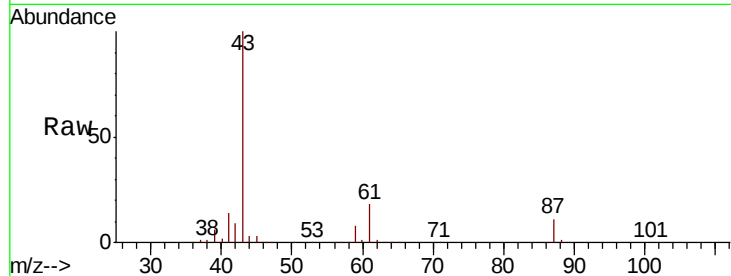


#43

Isopropyl Acetate
 Concen: 19.099 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX009881.D
 Acq: 24 May 2019 13:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0524WBS01

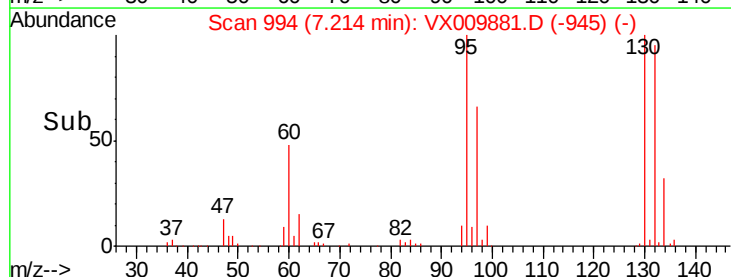
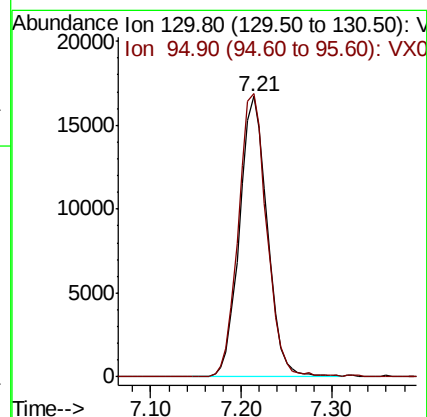
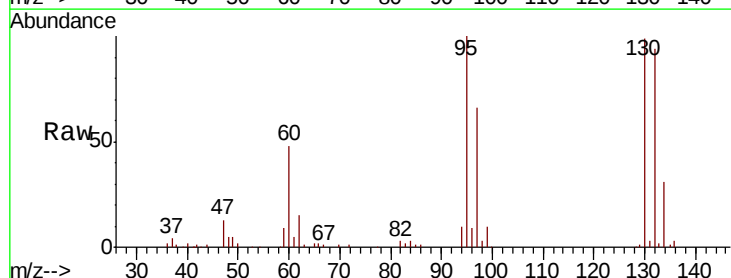
Tot Ion: 43 Resp: 117303
 Ion Ratio Lower Upper
 43 100
 61 18.2 15.1 22.7
 87 10.5 9.0 13.6

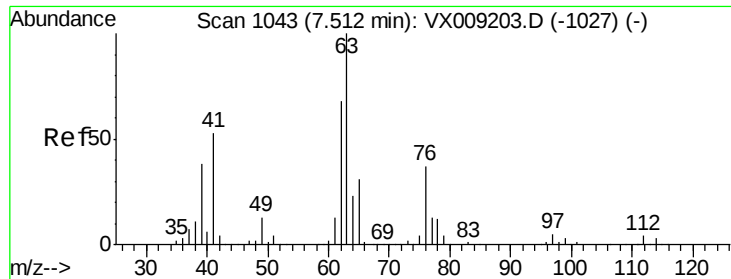


#44

Trichloroethene
 Concen: 17.237 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX009881.D
 Acq: 24 May 2019 13:03

Tgt Ion:130 Resp: 35541
 Ion Ratio Lower Upper
 130 100
 95 100.8 0.0 199.2





#45

1,2-Dichloropropane

Concen: 18.394 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX009881.D

Acq: 24 May 2019 13:03

Instrument :

MSVOA_X

ClientSampleId :

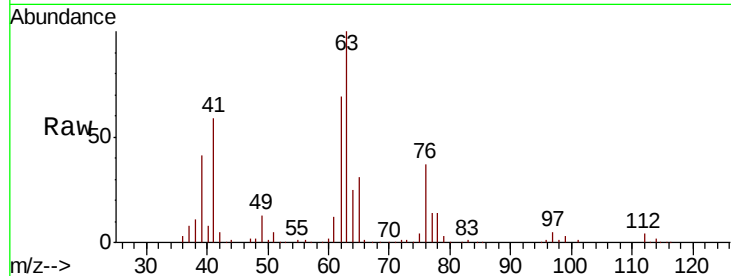
VX0524WBS01

Tot Ion: 63 Resp: 44422

Ion Ratio Lower Upper

63 100

65 31.3 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

25000

20000

15000

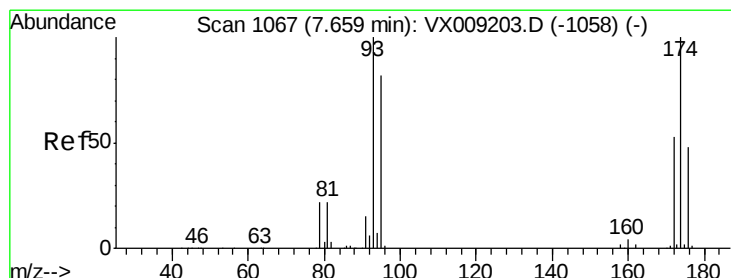
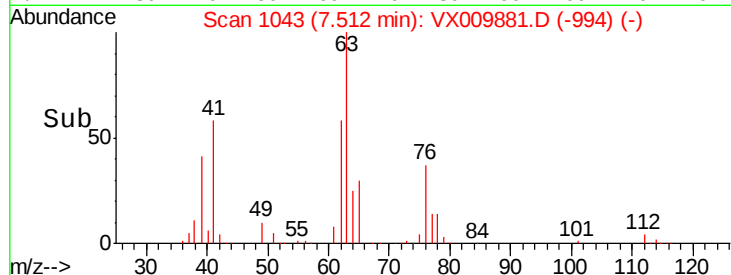
10000

5000

0

7.40 7.50 7.60

Time-->



#46

Dibromomethane

Concen: 17.696 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX009881.D

Acq: 24 May 2019 13:03

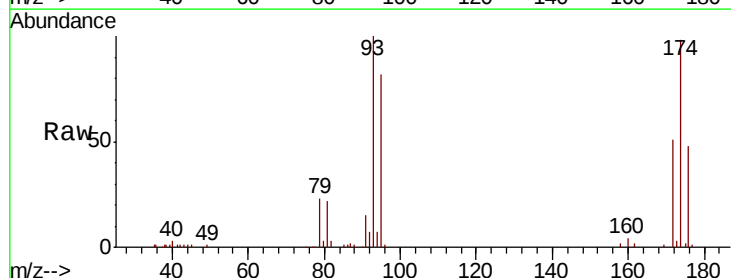
Tgt Ion: 93 Resp: 24818

Ion Ratio Lower Upper

93 100

95 81.5 66.5 99.7

174 100.5 82.1 123.1



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

15000

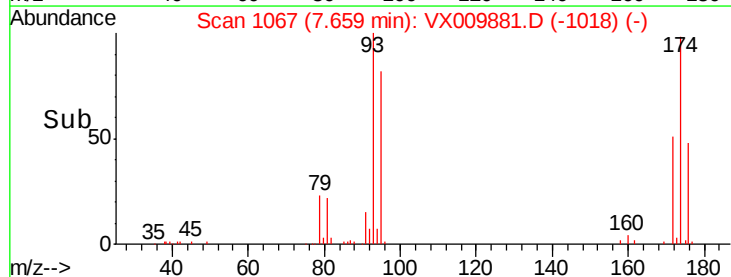
10000

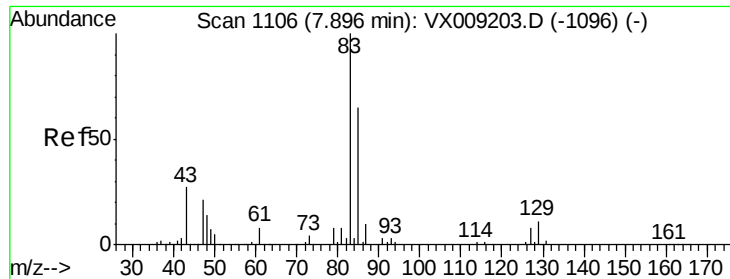
5000

0

7.60 7.70 7.80

Time-->





#47

Bromodichloromethane

Concen: 17.337 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009881.D

Acq: 24 May 2019 13:03

Instrument :

MSVOA_X

ClientSampleId :

VX0524WBS01

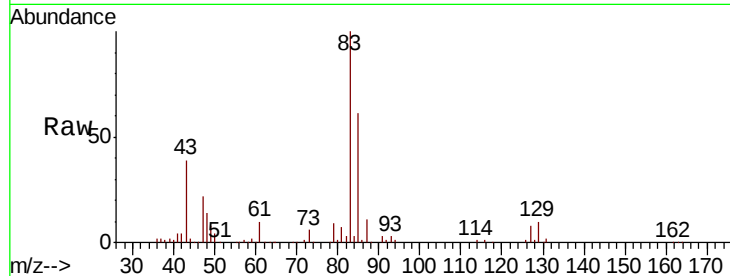
Tot Ion: 83 Resp: 48501

Ion Ratio Lower Upper

83 100

85 61.4 52.4 78.6

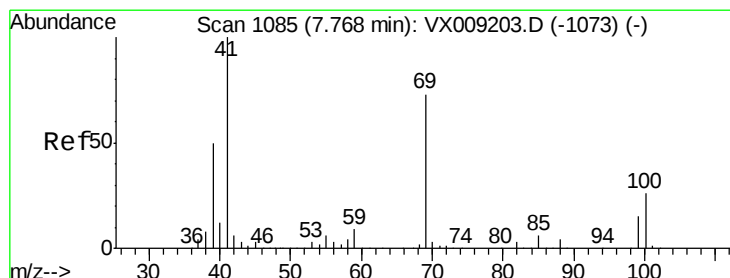
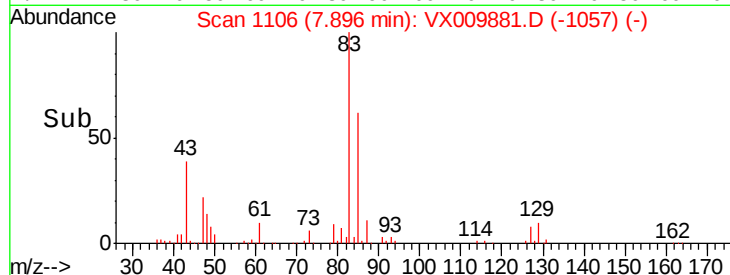
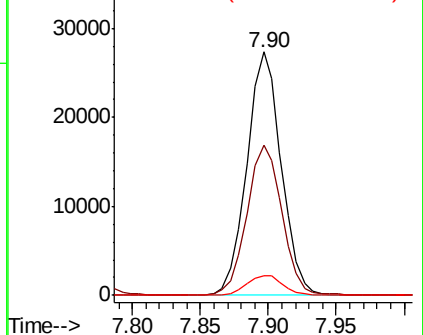
127 8.1 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.317 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX009881.D

Acq: 24 May 2019 13:03

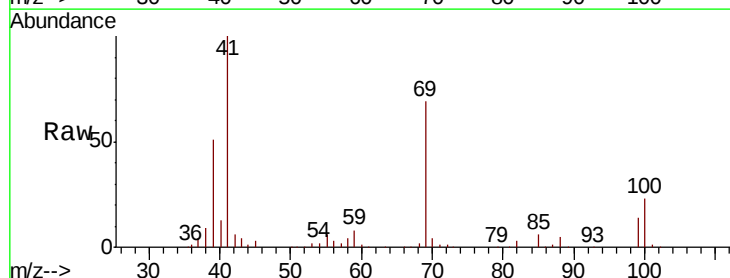
Tgt Ion: 41 Resp: 58861

Ion Ratio Lower Upper

41 100

69 70.3 59.1 88.7

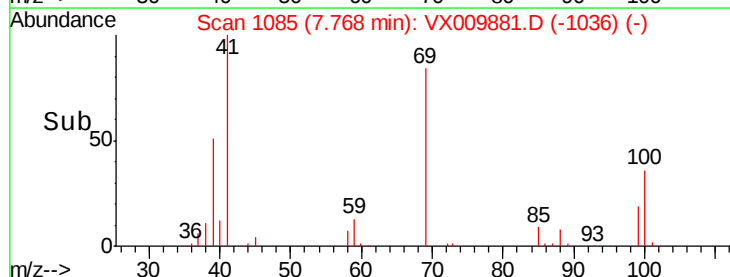
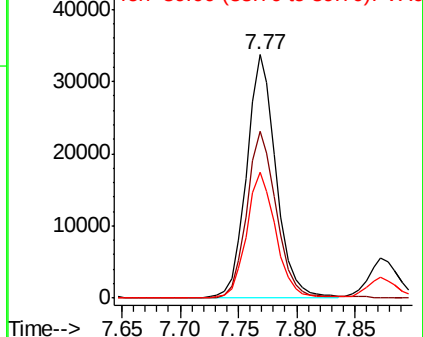
39 51.4 40.4 60.6

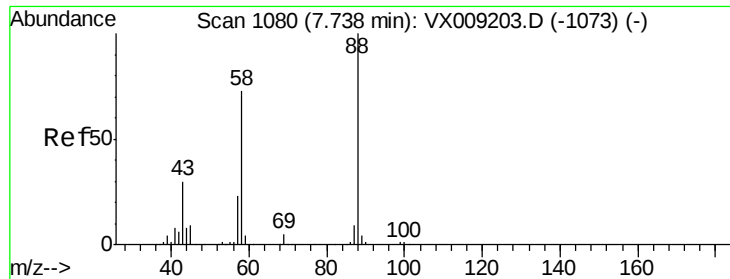


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 350.717 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX009881.D

Acq: 24 May 2019 13:03

Instrument :

MSVOA_X

ClientSampleId :

VX0524WBS01

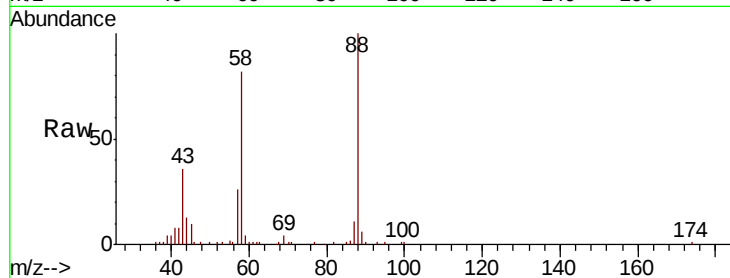
Tot Ion: 88 Resp: 21673

Ion Ratio Lower Upper

88 100

43 38.2 28.6 42.8

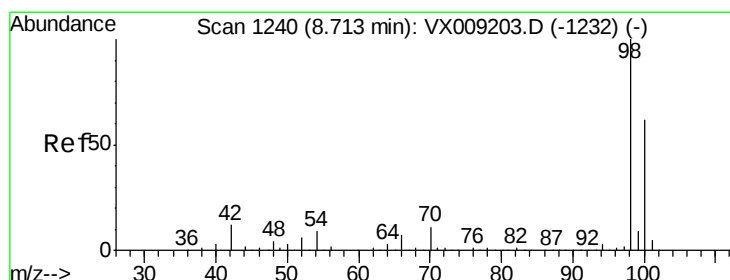
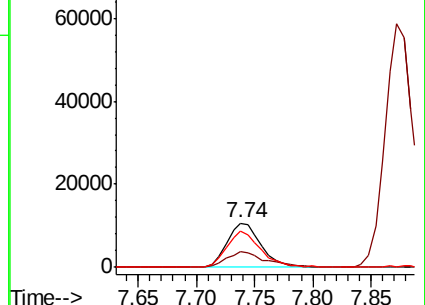
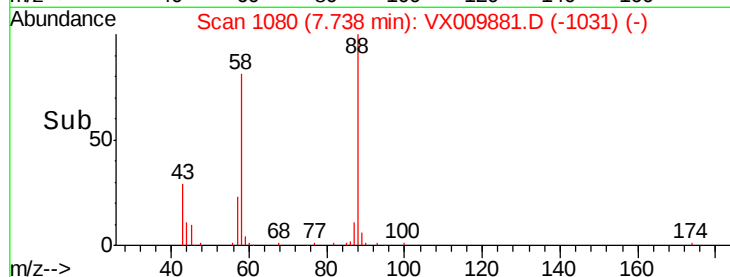
58 82.2 61.7 92.5



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 45.676 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009881.D

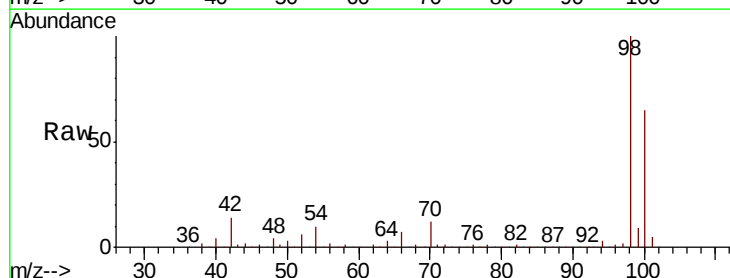
Acq: 24 May 2019 13:03

Tgt Ion: 98 Resp: 343779

Ion Ratio Lower Upper

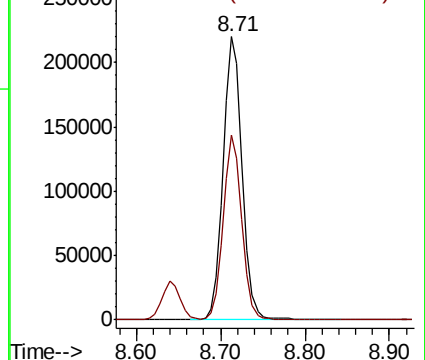
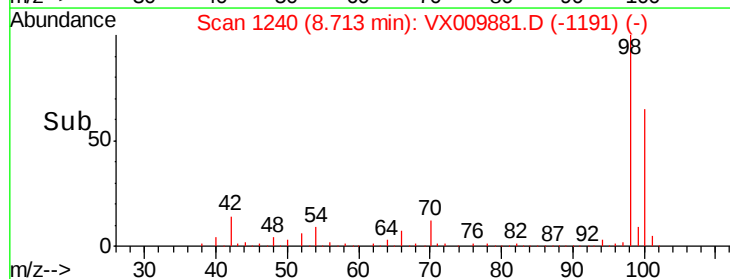
98 100

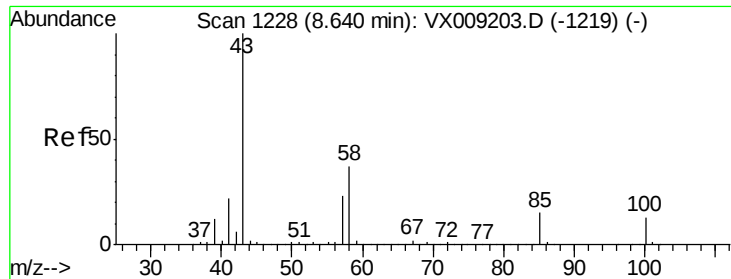
100 64.3 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 98.754 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX009881.D

Acq: 24 May 2019 13:03

Instrument :

MSVOA_X

ClientSampleId :

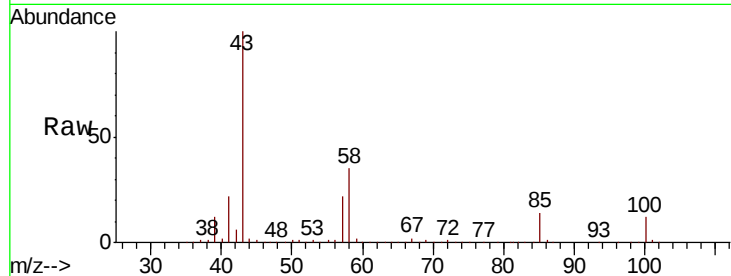
VX0524WBS01

Tot Ion: 43 Resp: 396450

Ion Ratio Lower Upper

43 100

58 35.5 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

250000

200000

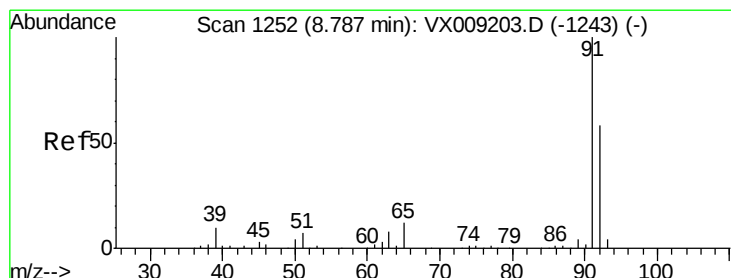
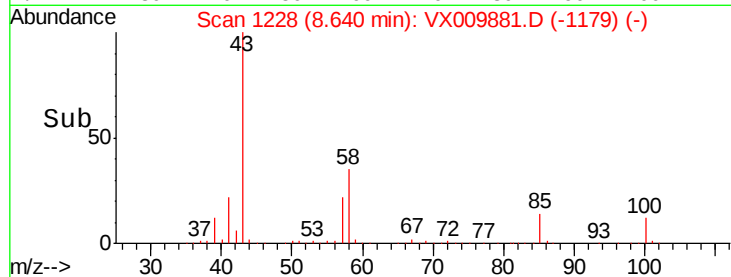
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 17.935 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX009881.D

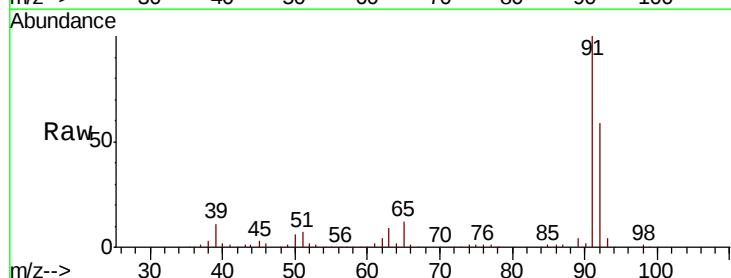
Acq: 24 May 2019 13:03

Tgt Ion: 92 Resp: 92985

Ion Ratio Lower Upper

92 100

91 174.1 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

120000

100000

80000

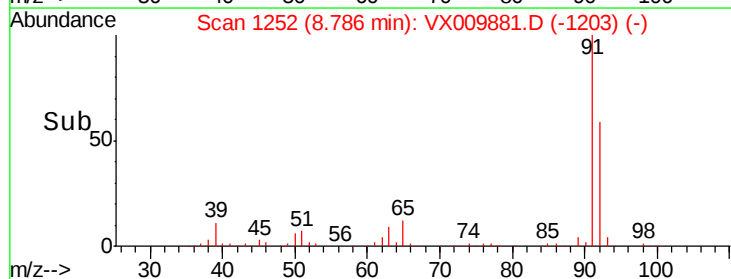
60000

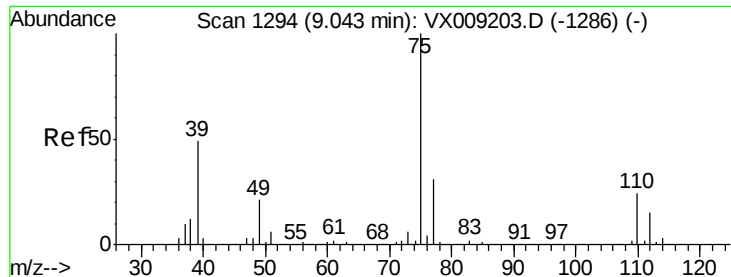
40000

20000

0

Time-->

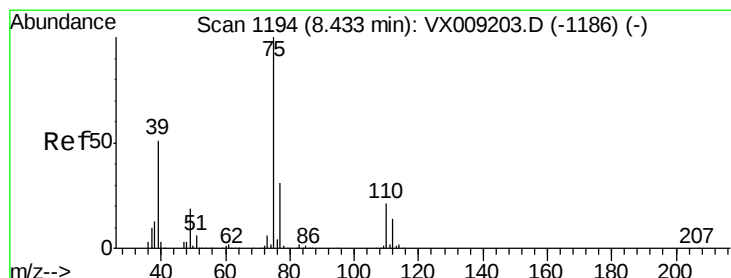
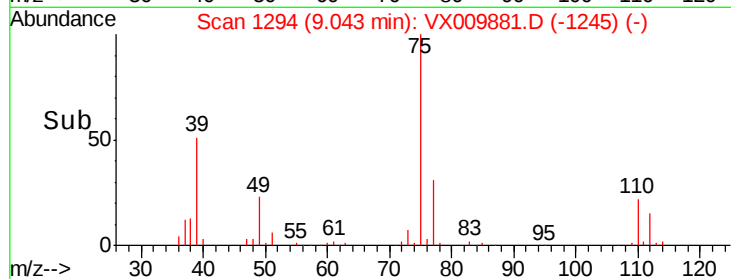
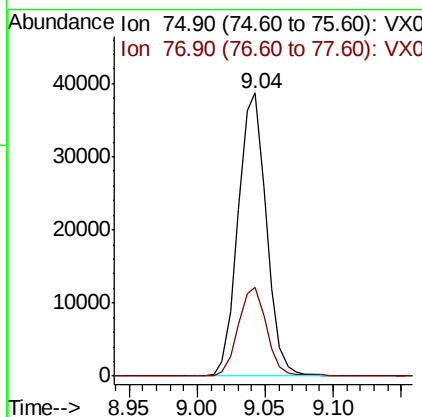
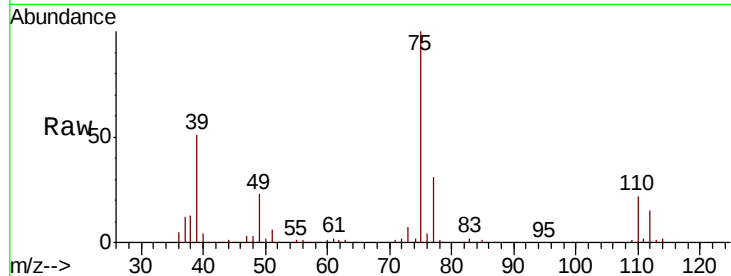




#53
t-1,3-Dichloropropene
Concen: 17.785 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX009881.D
Acq: 24 May 2019 13:03

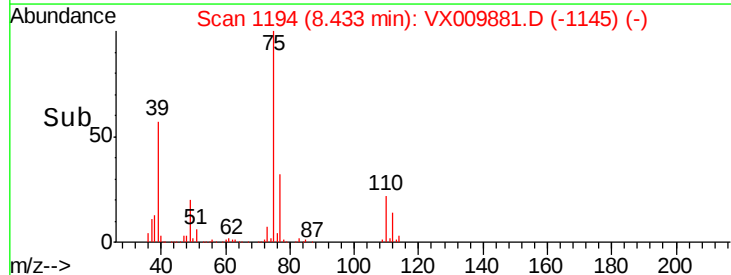
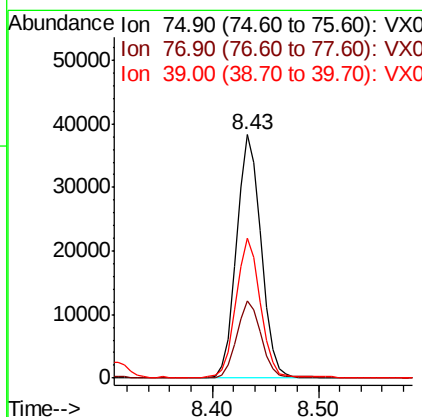
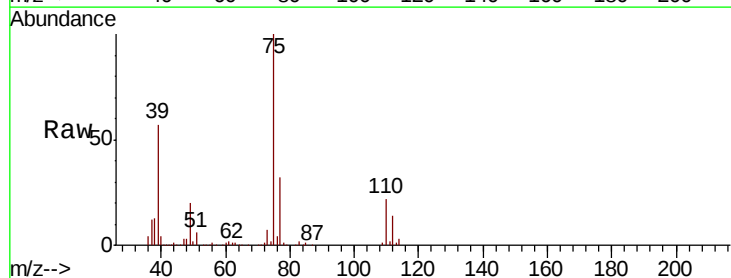
Instrument :
MSVOA_X
ClientSampleId :
VX0524WBS01

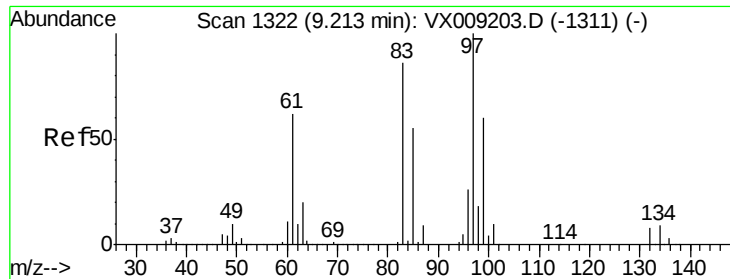
Tot Ion: 75 Resp: 56172
Ion Ratio Lower Upper
75 100
77 31.2 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 17.816 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX009881.D
Acq: 24 May 2019 13:03

Tgt Ion: 75 Resp: 62283
Ion Ratio Lower Upper
75 100
77 31.8 24.6 36.8
39 57.1 40.6 60.8

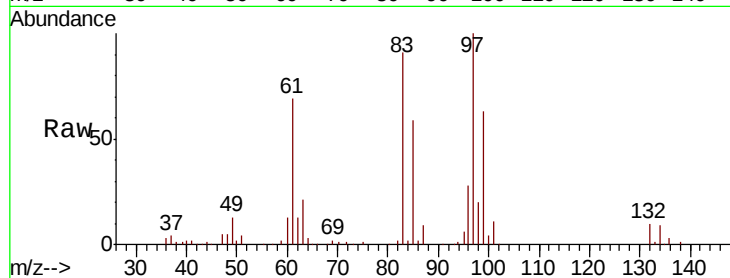




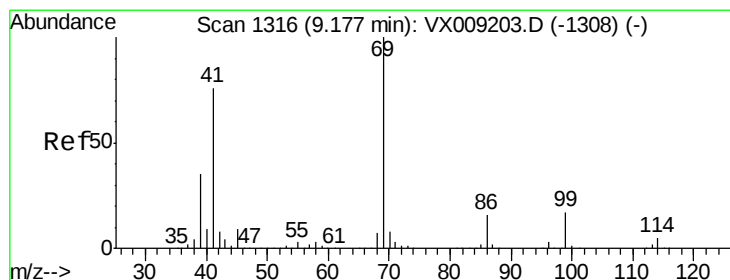
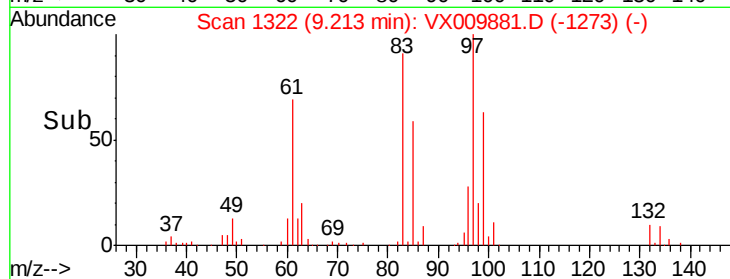
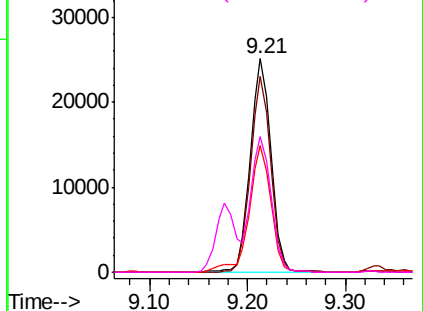
#55
 1,1,2-Trichloroethane
 Concen: 17.506 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX009881.D
 Acq: 24 May 2019 13:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0524WBS01

Tot Ion:	97	Resp:	37028
Ion	Ratio	Lower	Upper
97	100		
83	91.4	68.9	103.3
85	59.5	43.8	65.6
99	63.5	48.2	72.2

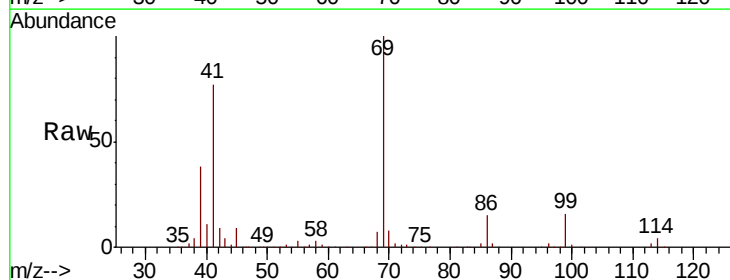


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

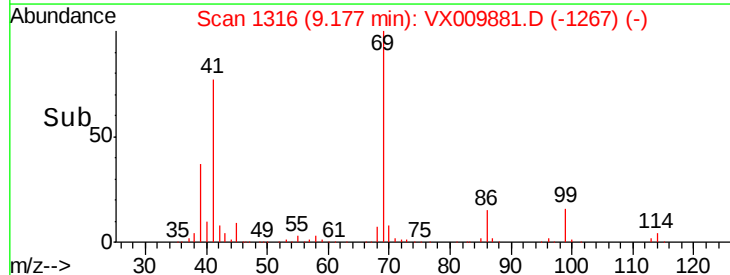
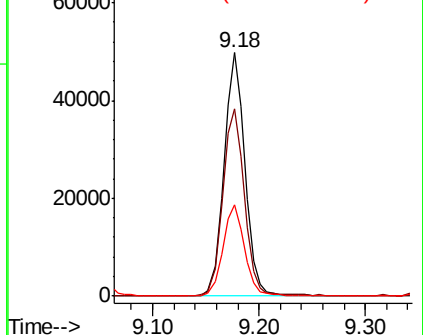


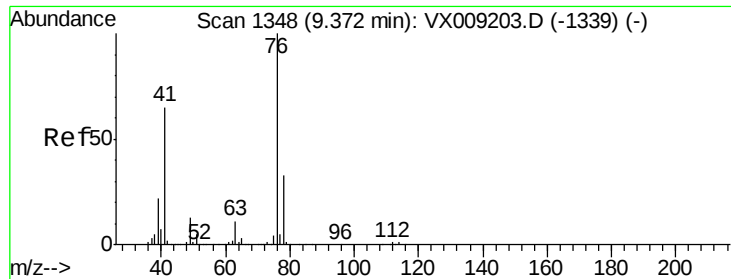
#56
 Ethyl methacrylate
 Concen: 18.255 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX009881.D
 Acq: 24 May 2019 13:03

Tgt Ion:	69	Resp:	68926
Ion	Ratio	Lower	Upper
69	100		
41	78.7	60.6	90.8
39	38.3	28.2	42.4



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0

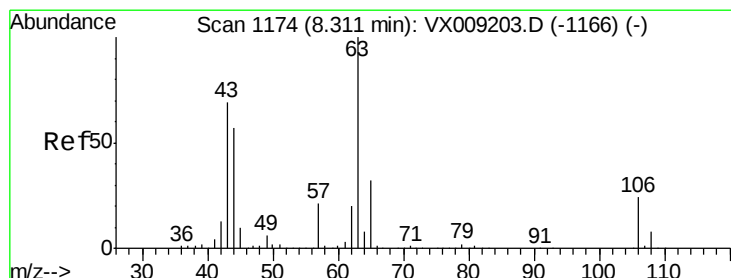
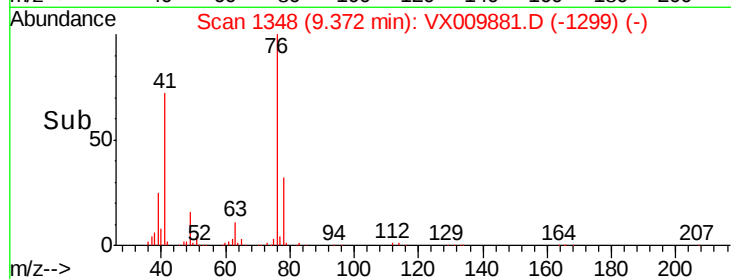
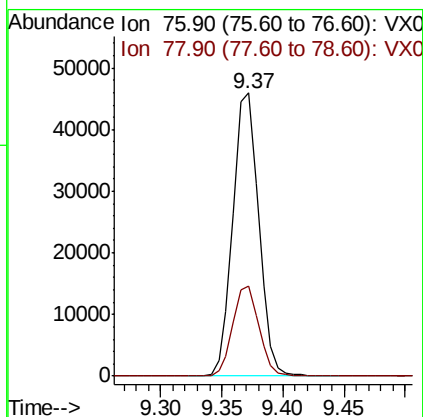
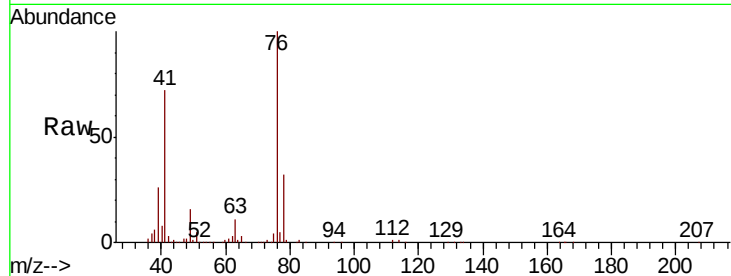




#57
 1,3-Dichloropropane
 Concen: 18.074 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX009881.D
 Acq: 24 May 2019 13:03

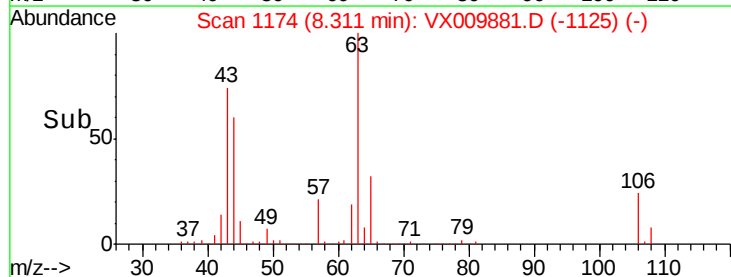
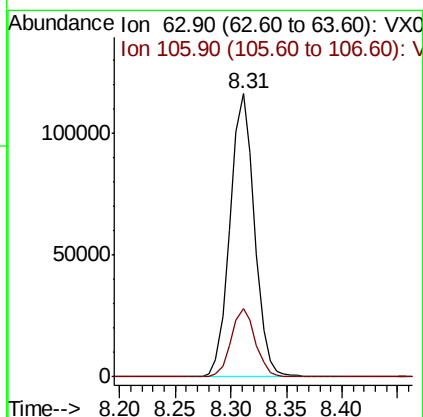
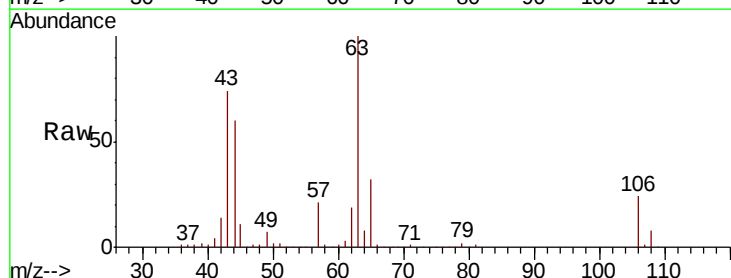
Instrument :
 MSVOA_X
 ClientSampled :
 VX0524WBS01

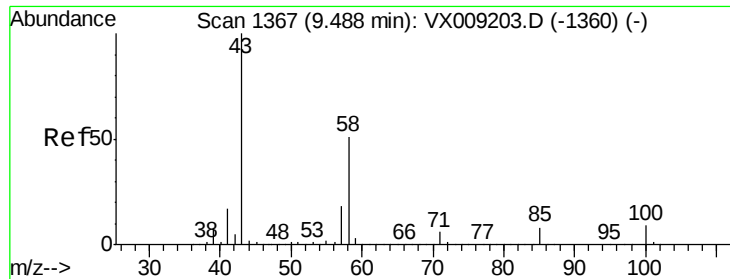
Tot Ion: 76 Resp: 67273
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 88.139 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX009881.D
 Acq: 24 May 2019 13:03

Tgt Ion: 63 Resp: 176542
 Ion Ratio Lower Upper
 63 100
 106 24.0 19.7 29.5

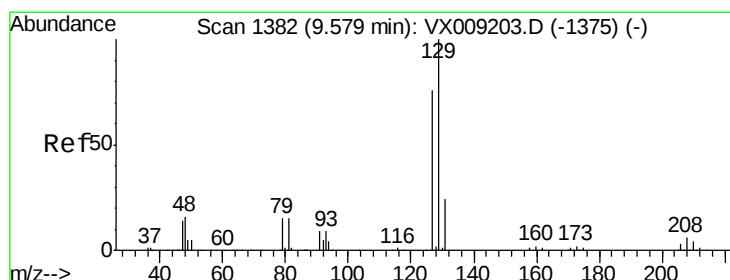
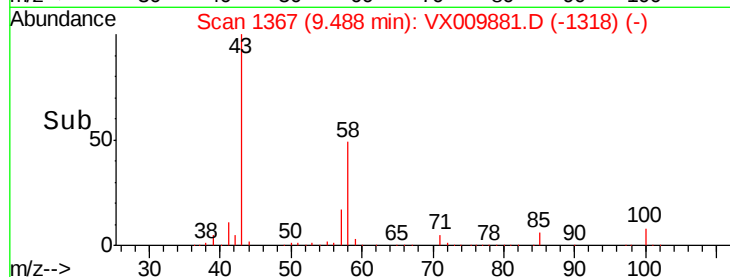
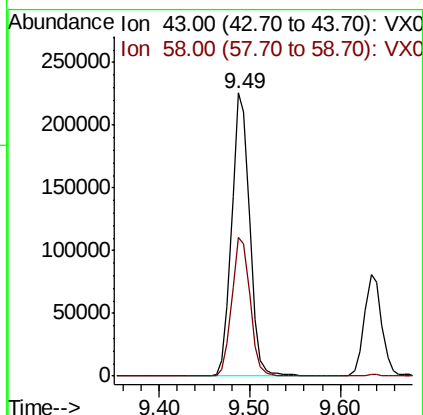
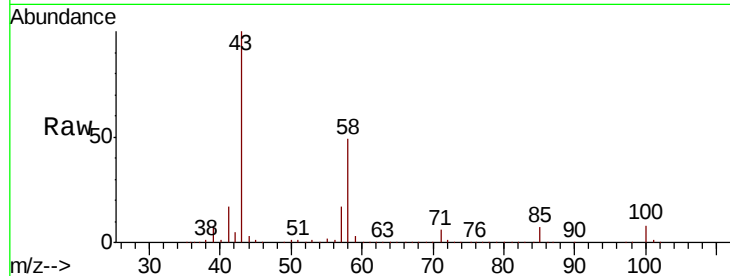




#59
2-Hexanone
Concen: 98.560 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX009881.D
Acq: 24 May 2019 13:03

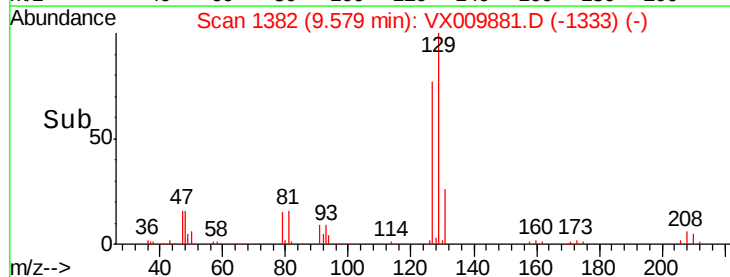
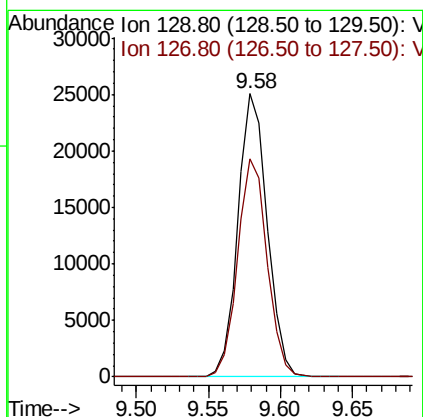
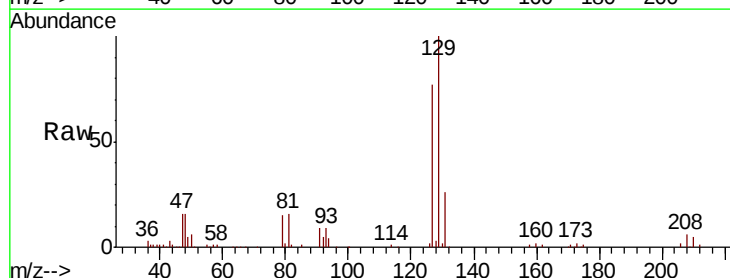
Instrument :
MSVOA_X
ClientSampleId :
VX0524WBS01

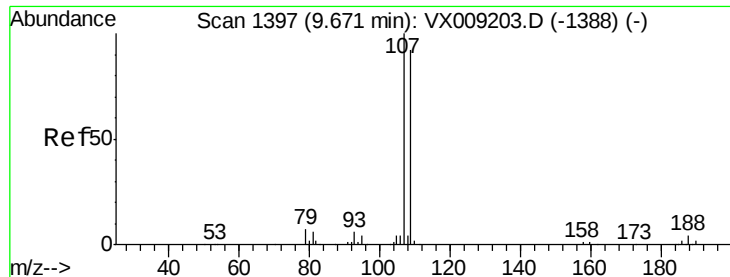
Tot Ion: 43 Resp: 310756
Ion Ratio Lower Upper
43 100
58 49.9 25.9 77.7



#60
Dibromochloromethane
Concen: 17.182 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX009881.D
Acq: 24 May 2019 13:03

Tgt Ion: 129 Resp: 35495
Ion Ratio Lower Upper
129 100
127 77.4 38.4 115.1





#61

1,2-Dibromoethane

Concen: 17.838 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009881.D

Acq: 24 May 2019 13:03

Instrument :

MSVOA_X

ClientSampleId :

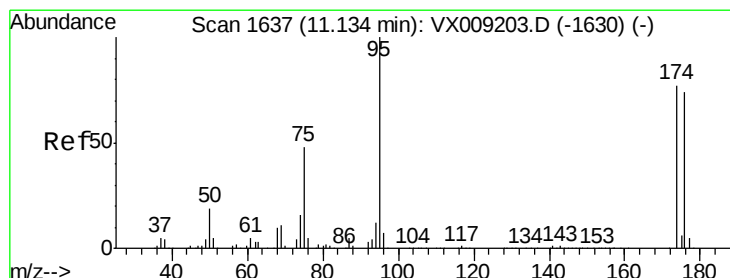
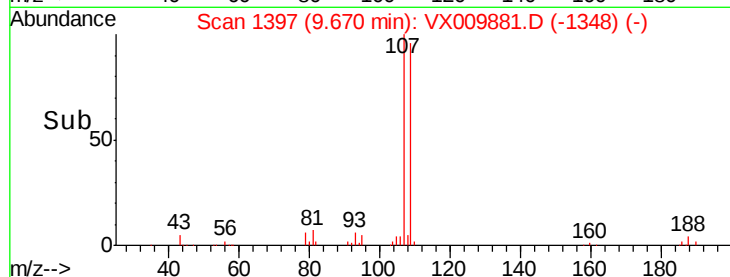
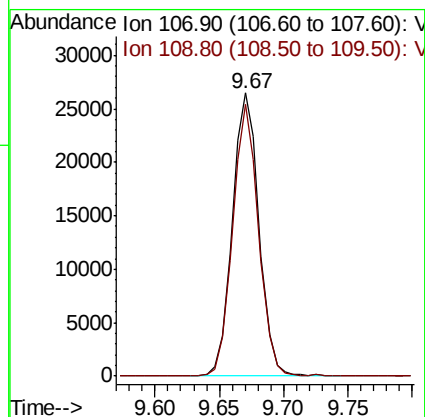
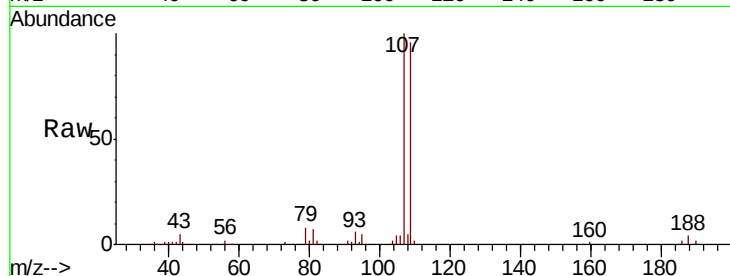
VX0524WBS01

Tot Ion:107 Resp: 38086

Ion Ratio Lower Upper

107 100

109 93.5 75.2 112.8



#62

4-Bromofluorobenzene

Concen: 45.103 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009881.D

Acq: 24 May 2019 13:03

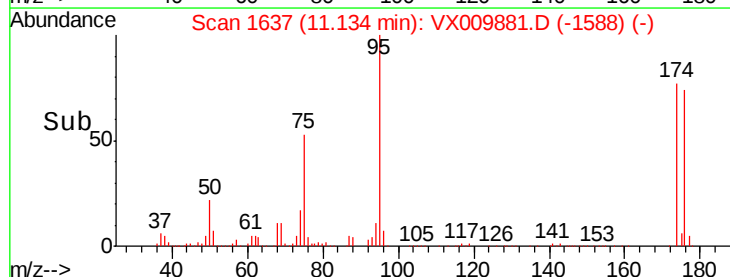
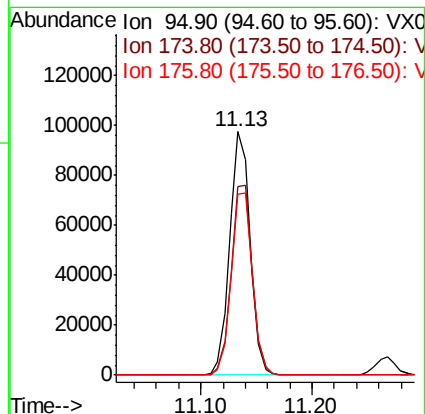
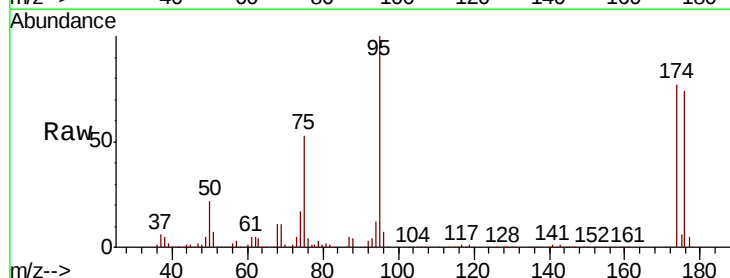
Tgt Ion: 95 Resp: 123348

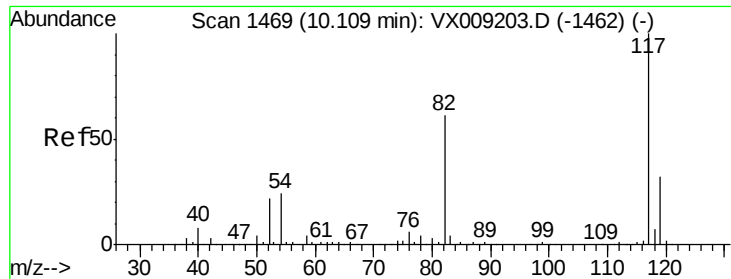
Ion Ratio Lower Upper

95 100

174 80.5 0.0 161.6

176 77.7 0.0 159.2

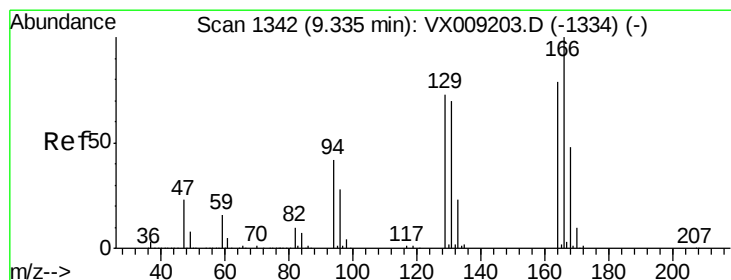
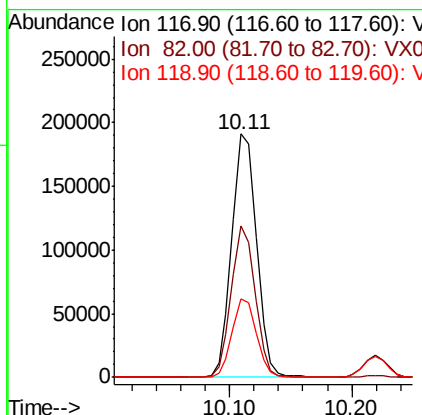
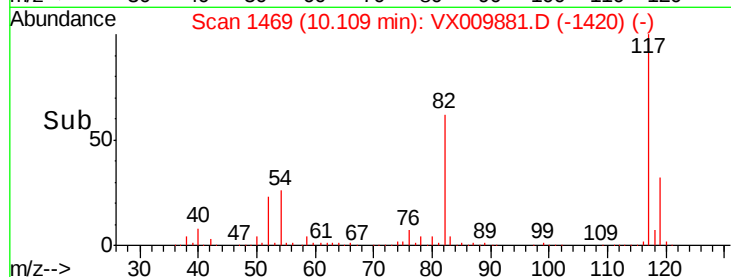
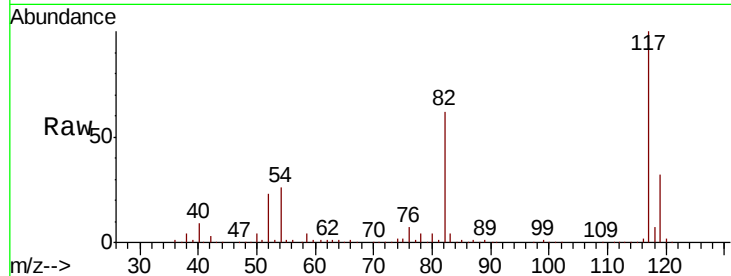




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009881.D
Acq: 24 May 2019 13:03

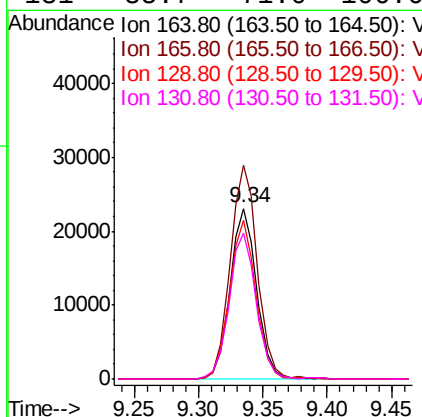
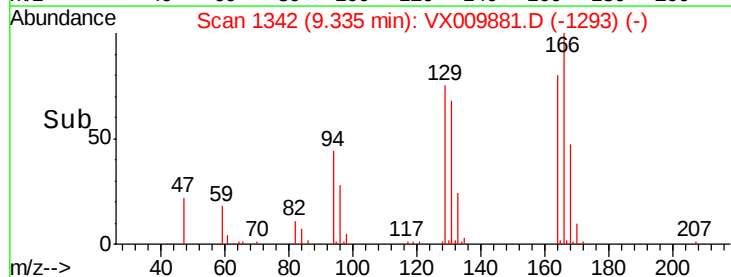
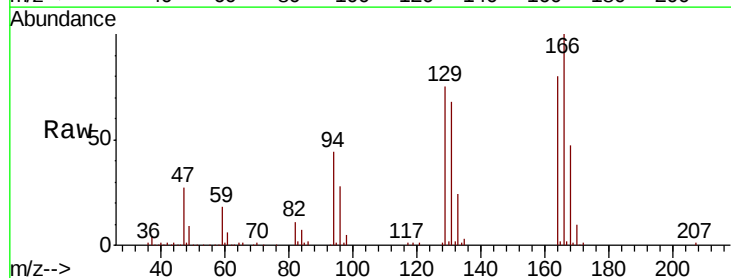
Instrument :
MSVOA_X
ClientSampleId :
VX0524WBS01

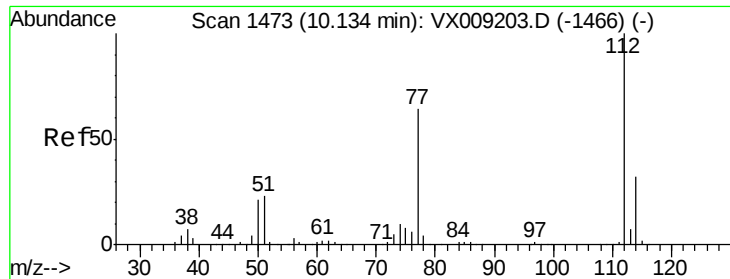
Tot Ion:117 Resp: 268236
Ion Ratio Lower Upper
117 100
82 62.0 48.8 73.2
119 32.2 25.8 38.6



#64
Tetrachloroethene
Concen: 18.070 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009881.D
Acq: 24 May 2019 13:03

Tgt Ion:164 Resp: 33249
Ion Ratio Lower Upper
164 100
166 125.2 101.2 151.8
129 93.4 74.3 111.5
131 85.7 71.0 106.6

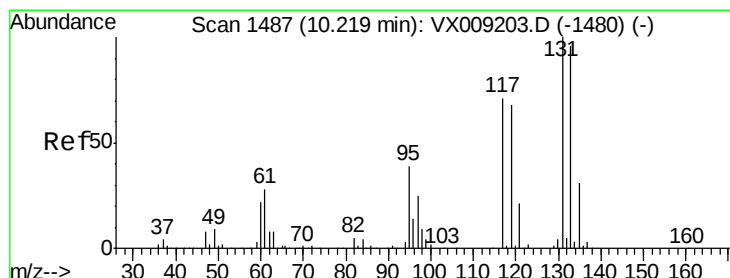
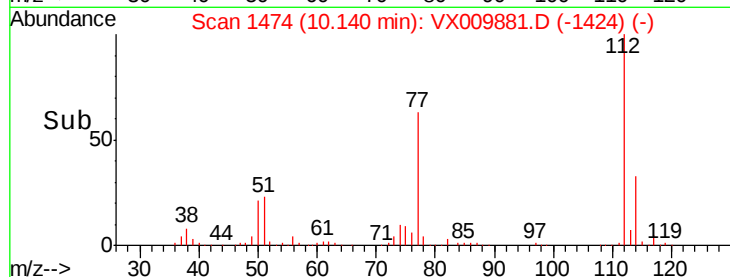
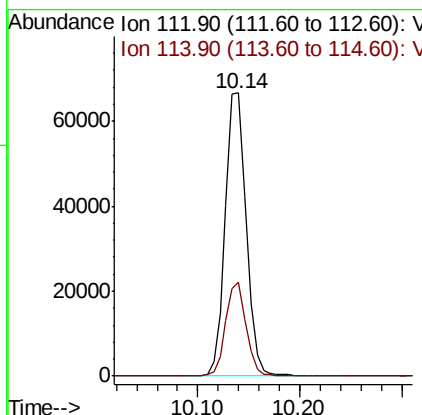
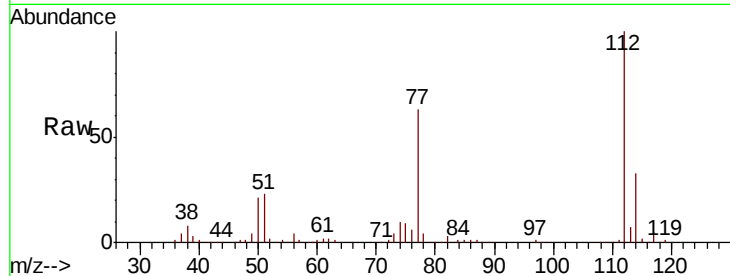




#65
Chlorobenzene
Concen: 17.786 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX009881.D
Acq: 24 May 2019 13:03

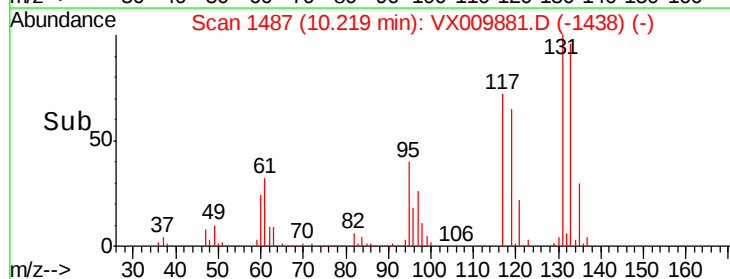
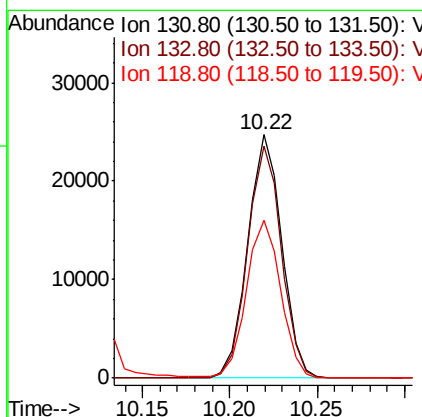
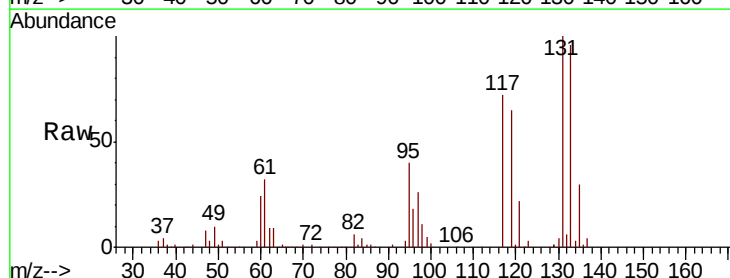
Instrument :
MSVOA_X
ClientSampleId :
VX0524WBS01

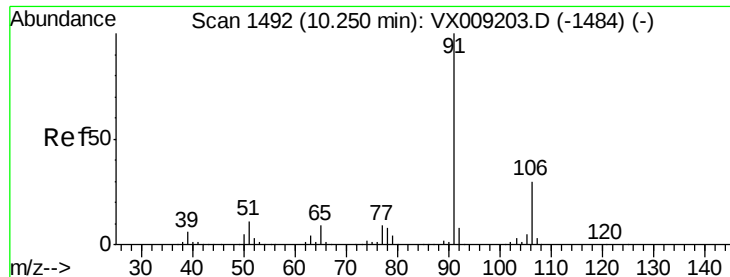
Tot Ion:112 Resp: 95436
Ion Ratio Lower Upper
112 100
114 33.2 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 17.191 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX009881.D
Acq: 24 May 2019 13:03

Tgt Ion:131 Resp: 33443
Ion Ratio Lower Upper
131 100
133 95.2 47.7 143.1
119 65.9 33.5 100.4





#67

Ethyl Benzene

Concen: 17.856 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX009881.D

Acq: 24 May 2019 13:03

Instrument :

MSVOA_X

ClientSampled :

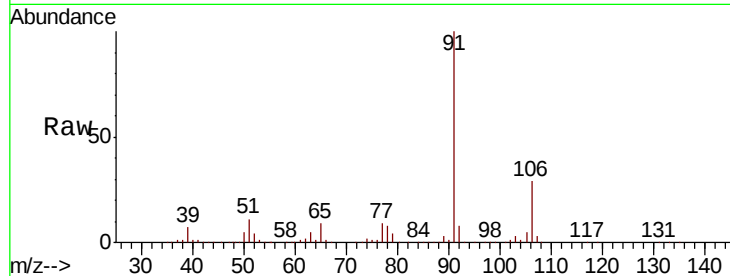
VX0524WBS01

Tot Ion: 91 Resp: 176337

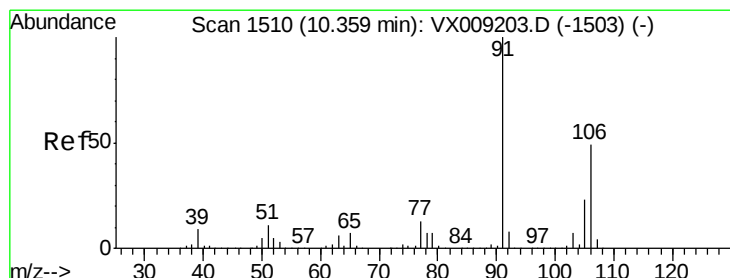
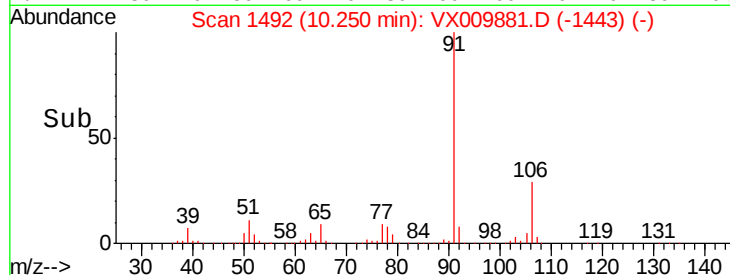
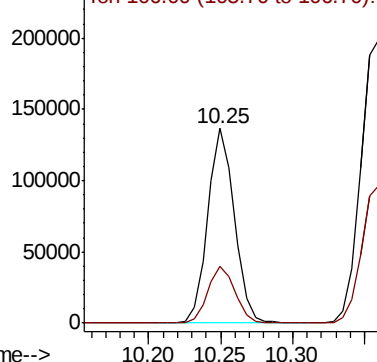
Ion Ratio Lower Upper

91 100

106 29.3 24.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX009203.D (-1484) (-)



#68

m/p-Xylenes

Concen: 35.387 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX009881.D

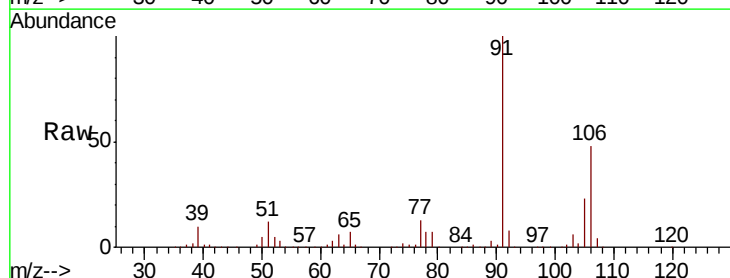
Acq: 24 May 2019 13:03

Tgt Ion: 106 Resp: 127702

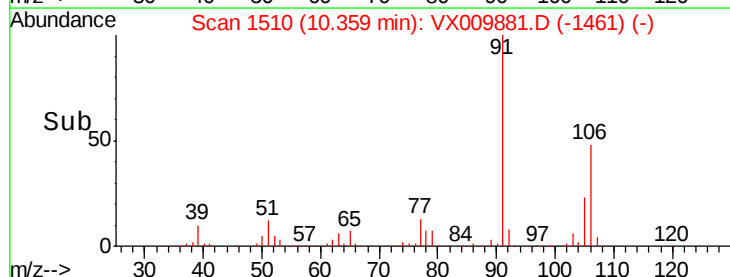
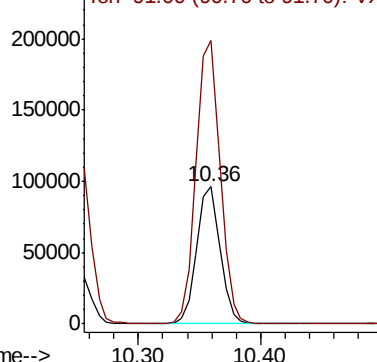
Ion Ratio Lower Upper

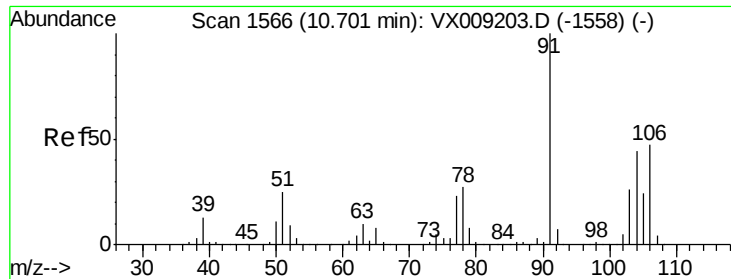
106 100

91 212.6 164.0 246.0



Abundance Ion 106.00 (105.70 to 106.70): VX009203.D (-1503) (-)

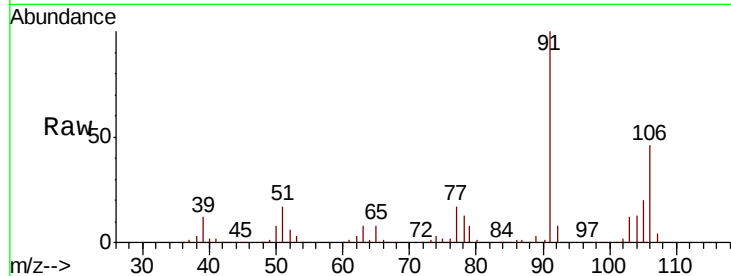




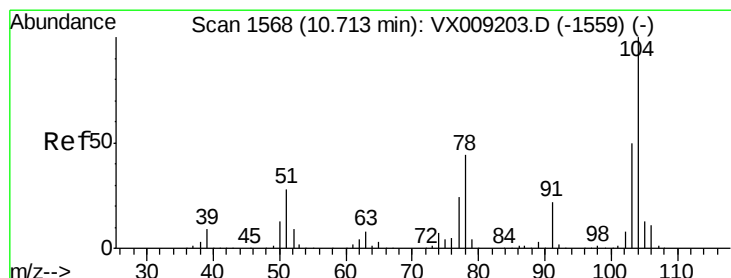
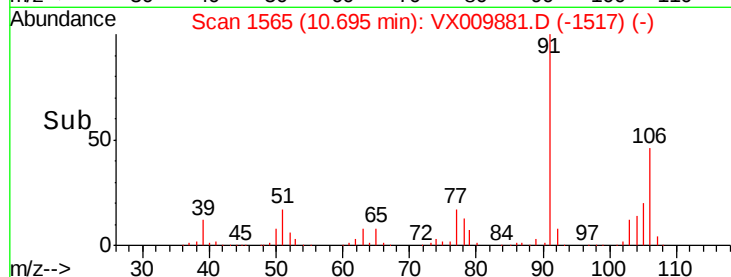
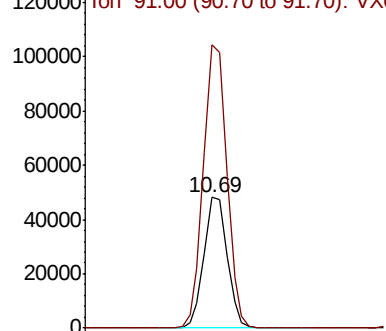
#69
o-Xylene
Concen: 17.850 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009881.D
Acq: 24 May 2019 13:03

Instrument :
MSVOA_X
ClientSampled :
VX0524WBS01

Tot Ion:106 Resp: 63557
Ion Ratio Lower Upper
106 100
91 217.7 109.5 328.4

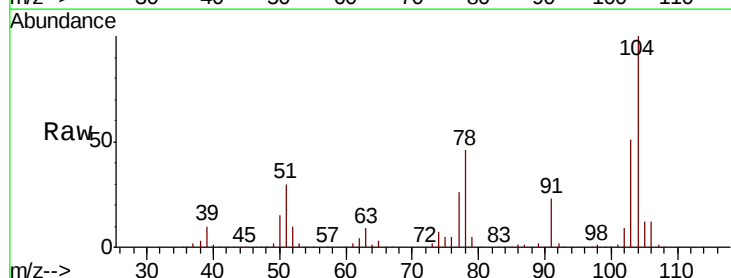


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

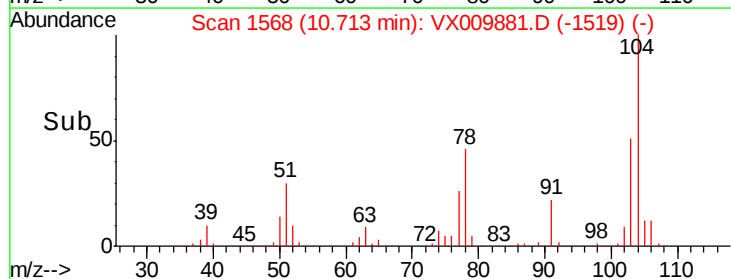
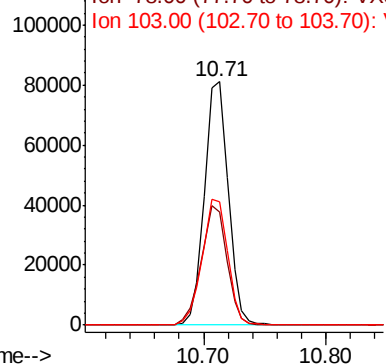


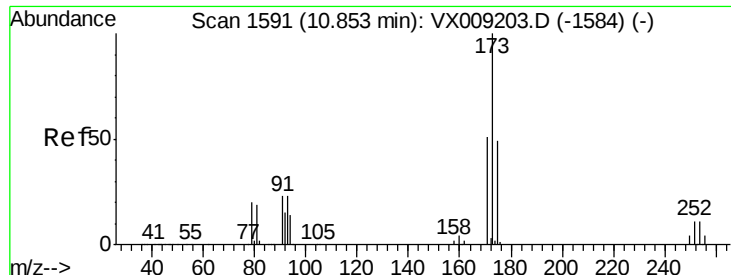
#70
Styrene
Concen: 17.572 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX009881.D
Acq: 24 May 2019 13:03

Tgt Ion:104 Resp: 108746
Ion Ratio Lower Upper
104 100
78 53.4 41.0 61.4
103 55.6 43.8 65.6



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: 16.621 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX009881.D

Acq: 24 May 2019 13:03

Instrument :

MSVOA_X

ClientSampled :

VX0524WBS01

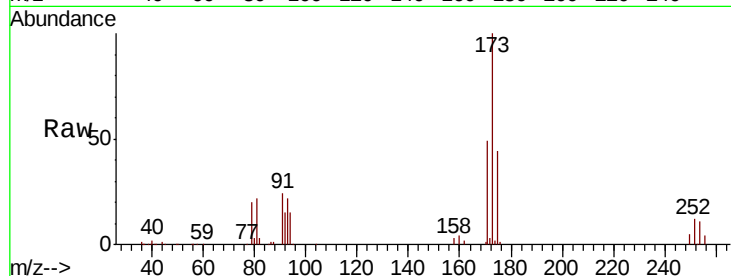
Tot Ion:173 Resp: 26276

Ion Ratio Lower Upper

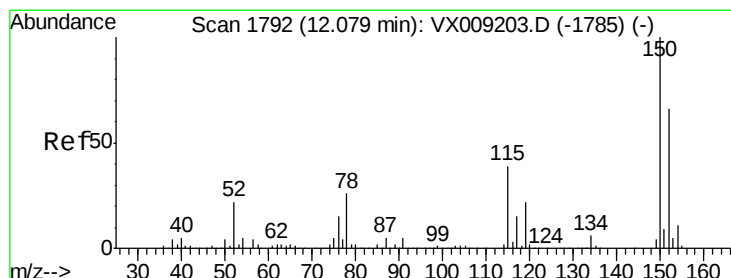
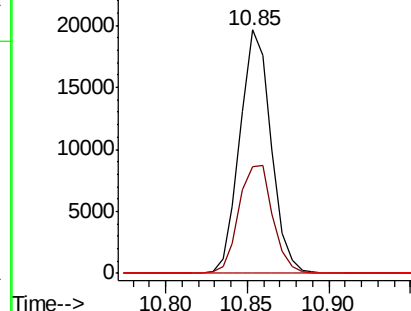
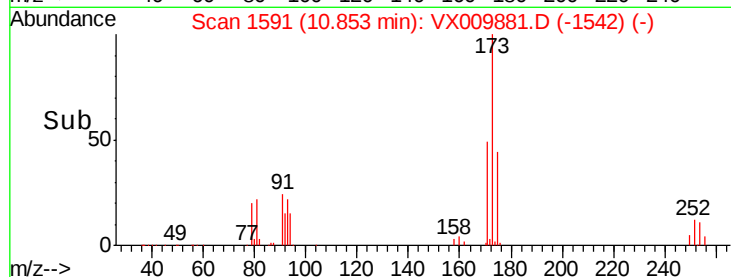
173 100

175 48.0 24.5 73.5

254 0.0 0.1 0.1#



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: VX009881.D

Acq: 24 May 2019 13:03

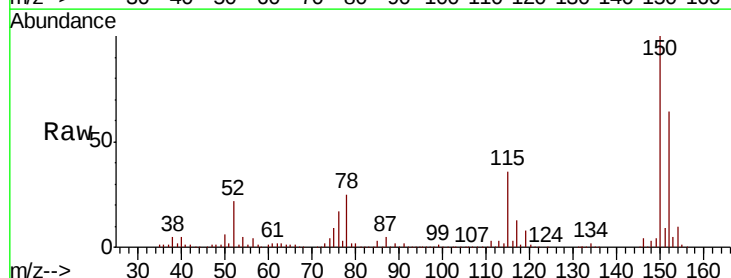
Tgt Ion:152 Resp: 130097

Ion Ratio Lower Upper

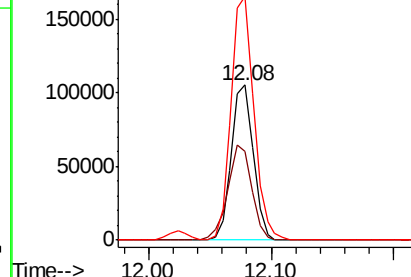
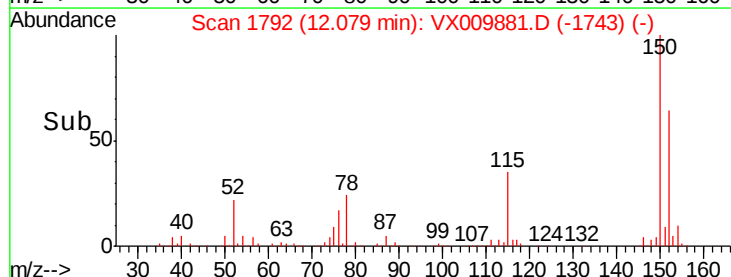
152 100

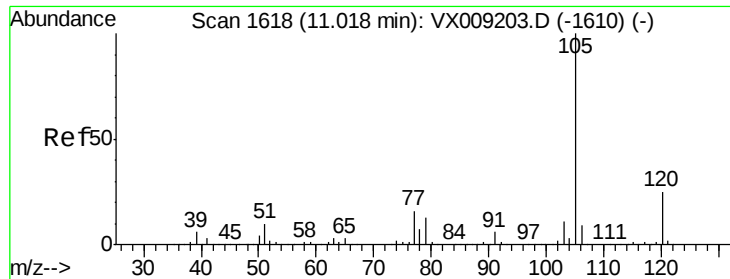
115 66.9 41.2 123.6

150 163.5 0.0 346.4



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





#73

Isopropylbenzene

Concen: 17.756 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009881.D

Acq: 24 May 2019 13:03

Instrument :

MSVOA_X

ClientSampleId :

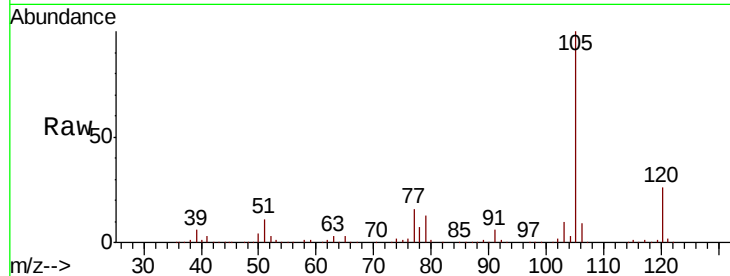
VX0524WBS01

Tot Ion:105 Resp: 167983

Ion Ratio Lower Upper

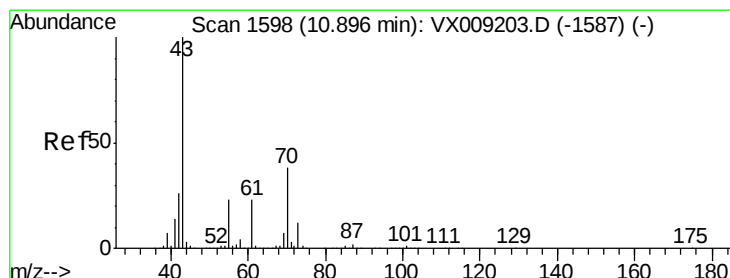
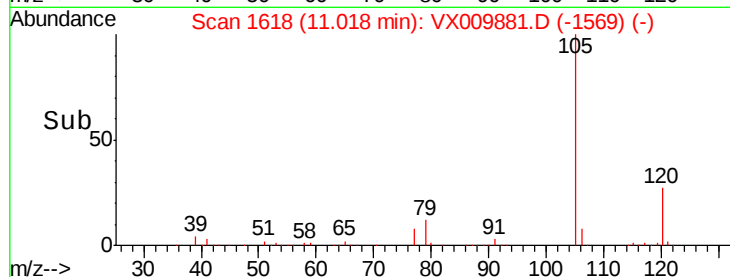
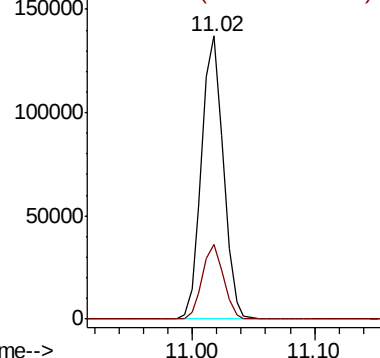
105 100

120 25.8 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.800 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009881.D

Acq: 24 May 2019 13:03

Tgt Ion: 43 Resp: 103695

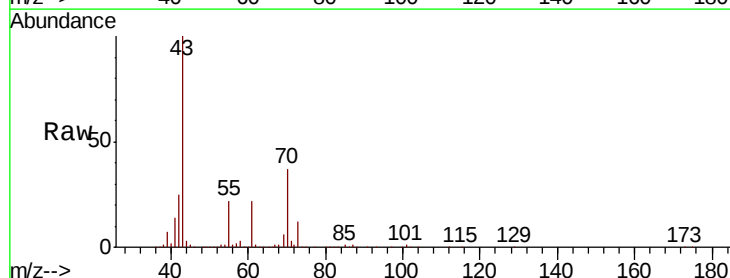
Ion Ratio Lower Upper

43 100

70 35.3 30.0 45.0

55 22.2 17.9 26.9

61 21.6 18.4 27.6

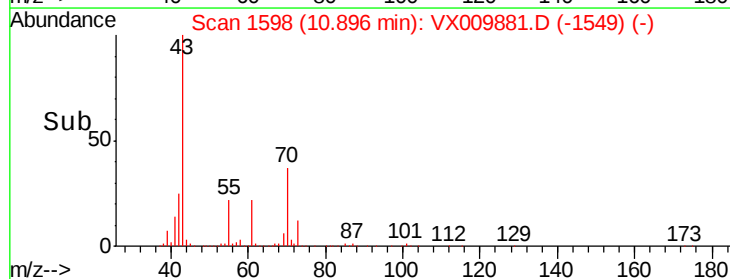
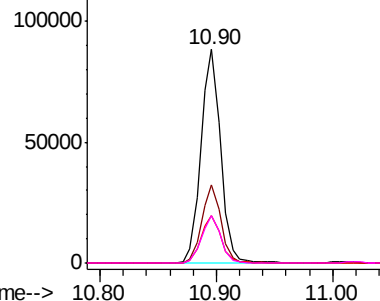


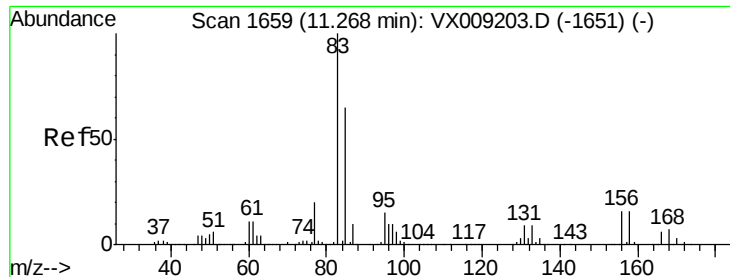
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.096 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX009881.D

Acq: 24 May 2019 13:03

Instrument :

MSVOA_X

ClientSampleId :

VX0524WBS01

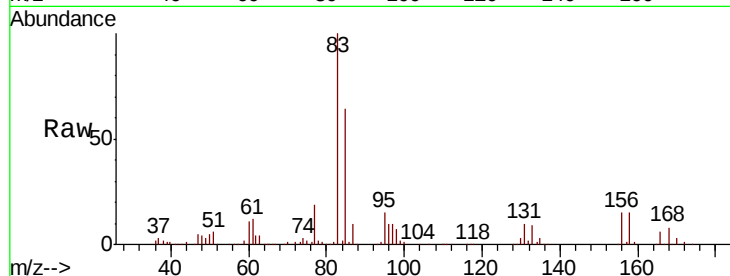
Tot Ion: 83 Resp: 63821

Ion Ratio Lower Upper

83 100

131 9.4 4.6 13.8

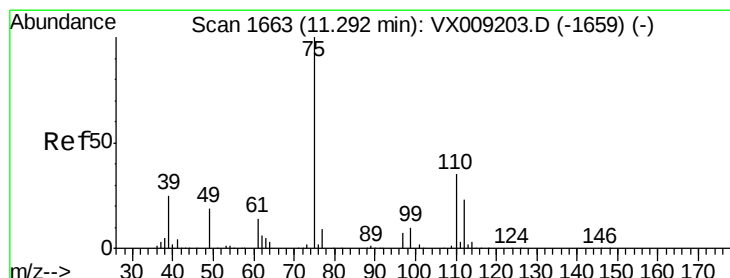
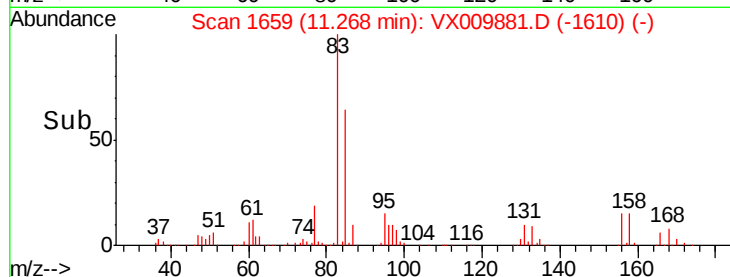
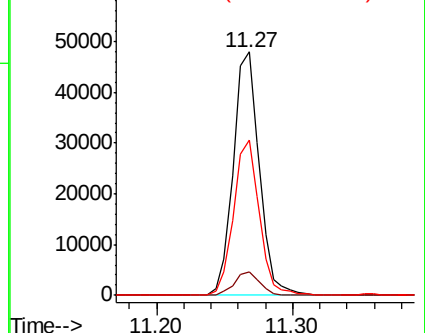
85 63.0 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.253 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX009881.D

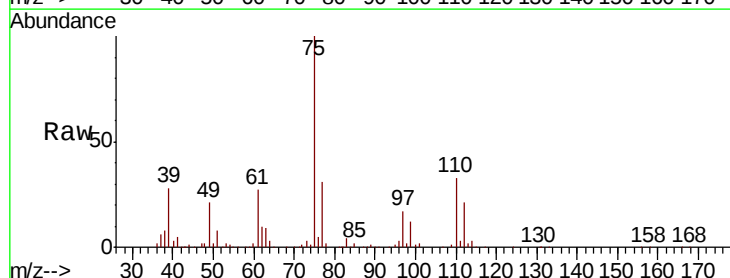
Acq: 24 May 2019 13:03

Tgt Ion: 75 Resp: 73189

Ion Ratio Lower Upper

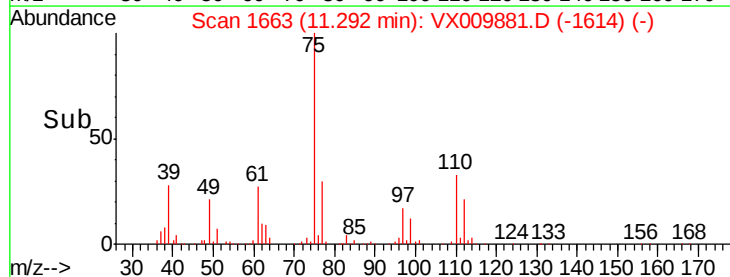
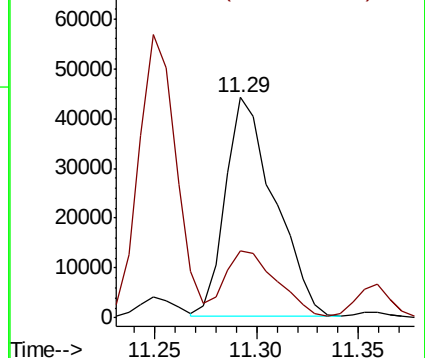
75 100

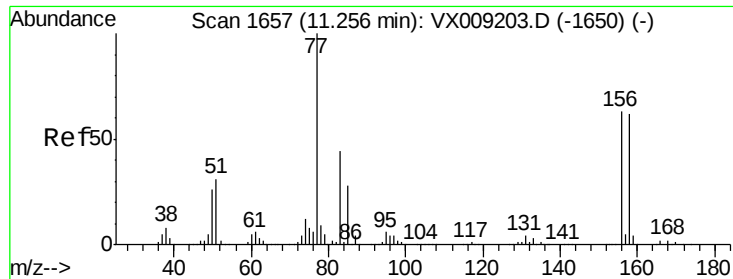
77 32.9 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 17.797 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX009881.D

Acq: 24 May 2019 13:03

Instrument :

MSVOA_X

ClientSampleId :

VX0524WBS01

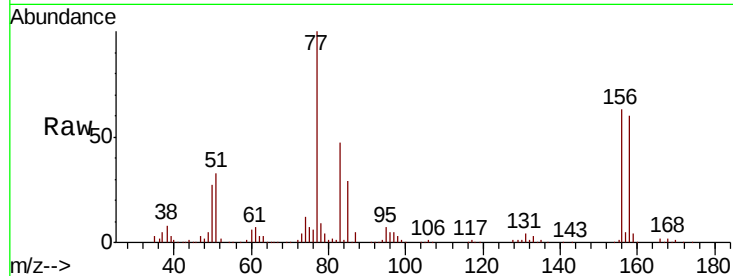
Tot Ion:156 Resp: 41789

Ion Ratio Lower Upper

156 100

77 173.7 84.8 254.3

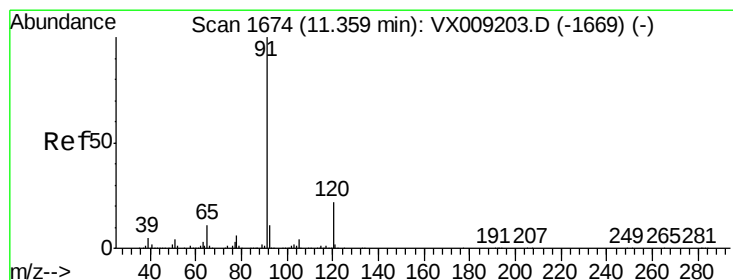
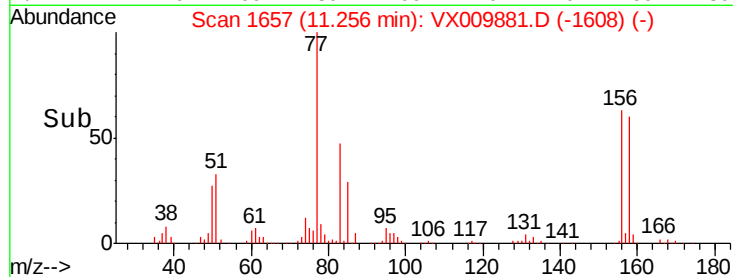
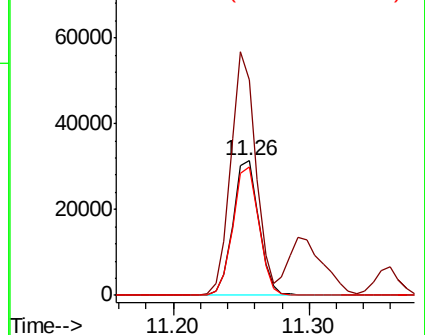
158 95.5 49.1 147.3



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: 18.006 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009881.D

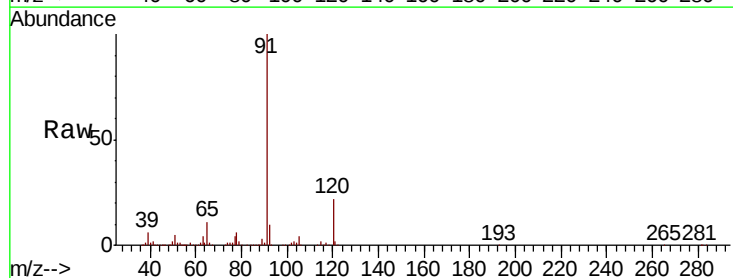
Acq: 24 May 2019 13:03

Tgt Ion: 91 Resp: 194540

Ion Ratio Lower Upper

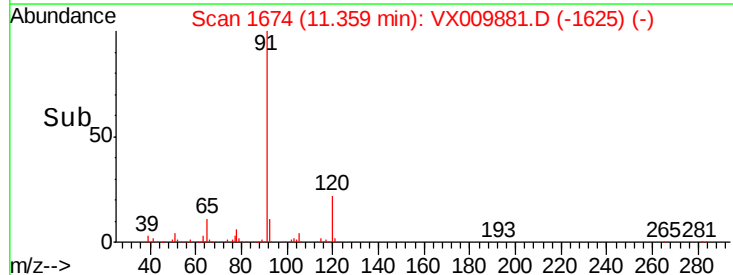
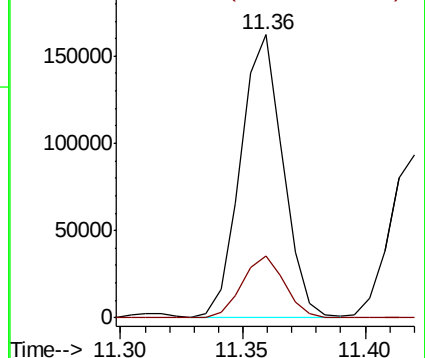
91 100

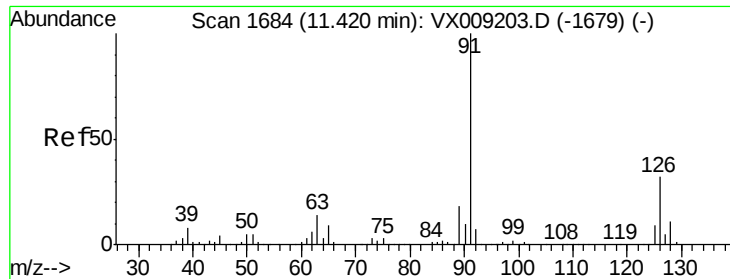
120 22.1 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.562 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX009881.D

Acq: 24 May 2019 13:03

Instrument :

MSVOA_X

ClientSampleId :

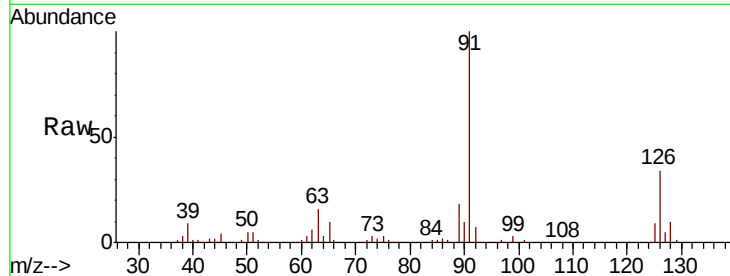
VX0524WBS01

Tot Ion: 91 Resp: 117061

Ion Ratio Lower Upper

91 100

126 32.6 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VX009203.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX009203.D (-1679) (-)

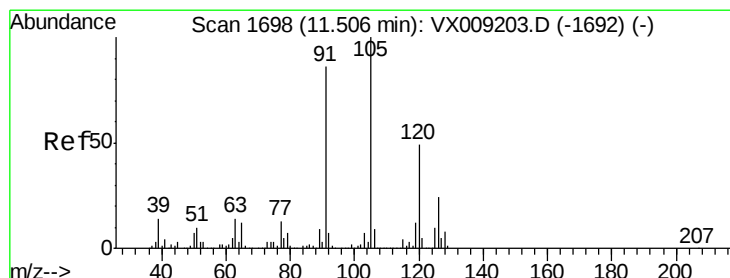
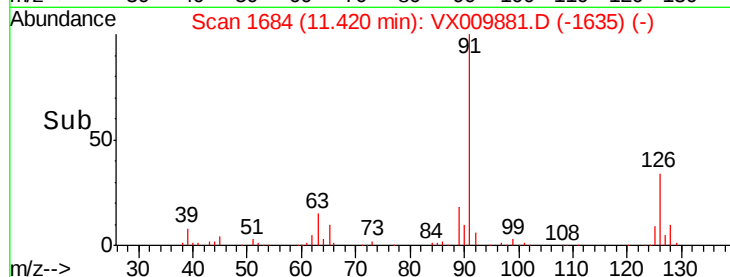
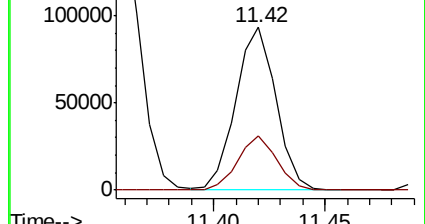
150000

100000

50000

0

11.40 11.42 11.45



#80

1,3,5-Trimethylbenzene

Concen: 17.998 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009881.D

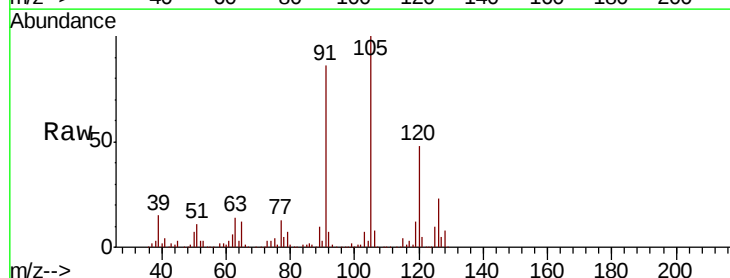
Acq: 24 May 2019 13:03

Tgt Ion:105 Resp: 143370

Ion Ratio Lower Upper

105 100

120 47.6 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): VX009203.D (-1692) (-)

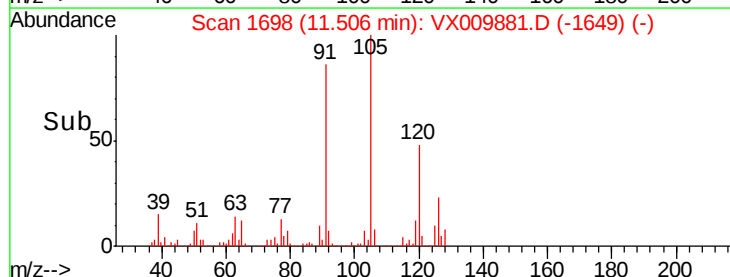
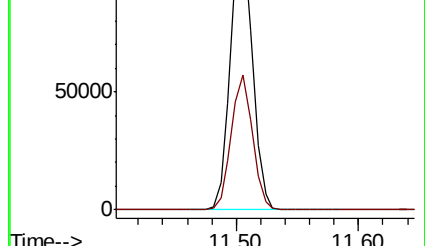
Ion 120.00 (119.70 to 120.70): VX009203.D (-1692) (-)

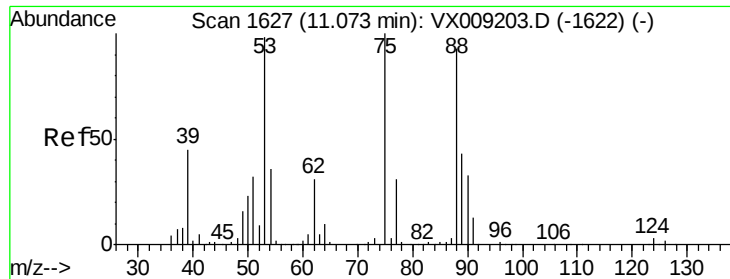
100000

50000

0

11.50 11.51 11.60





#81

trans-1,4-Dichloro-2-butene

Concen: 16.542 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX009881.D

Acq: 24 May 2019 13:03

Instrument :

MSVOA_X

ClientSampleId :

VX0524WBS01

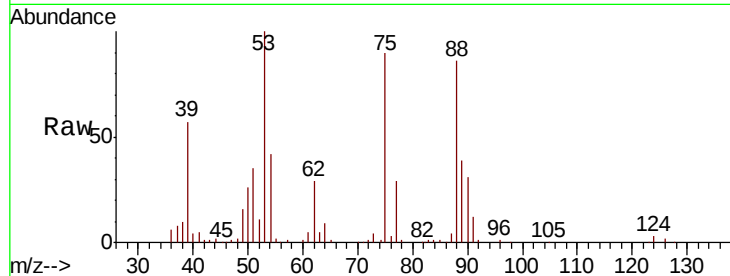
Tot Ion: 75 Resp: 19511

Ion Ratio Lower Upper

75 100

53 112.3 79.0 118.6

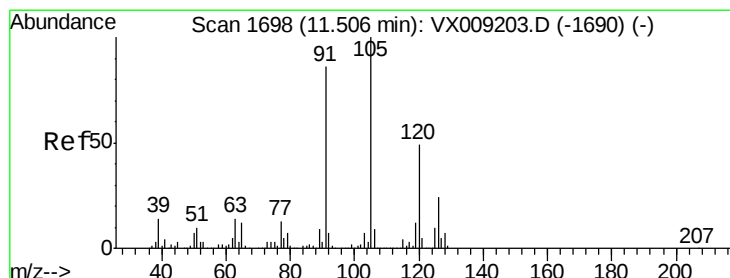
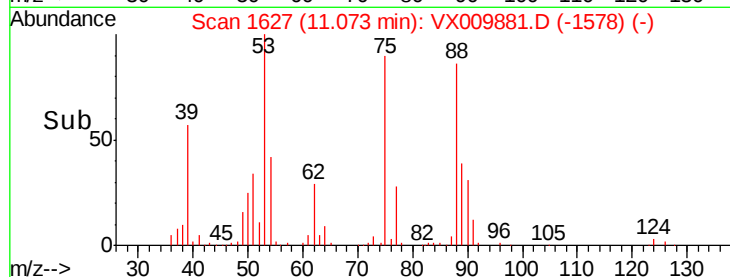
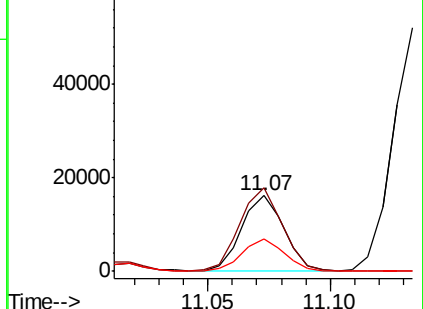
89 43.9 34.7 52.1



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: 17.850 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009881.D

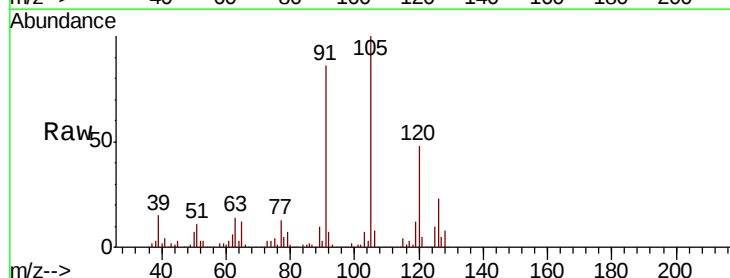
Acq: 24 May 2019 13:03

Tgt Ion: 91 Resp: 134418

Ion Ratio Lower Upper

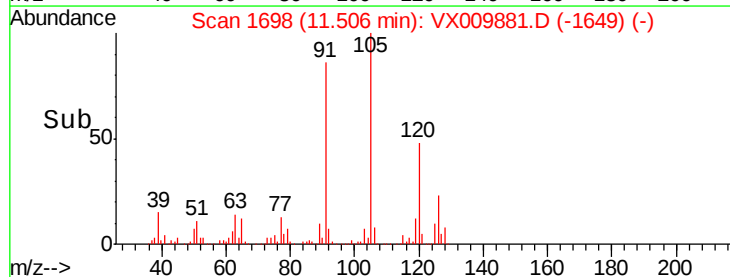
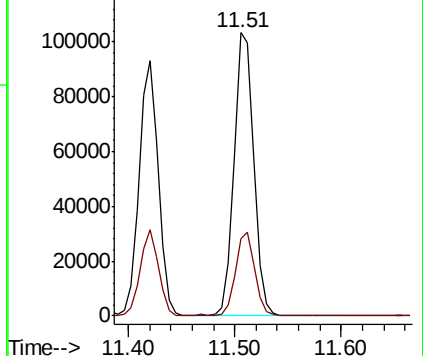
91 100

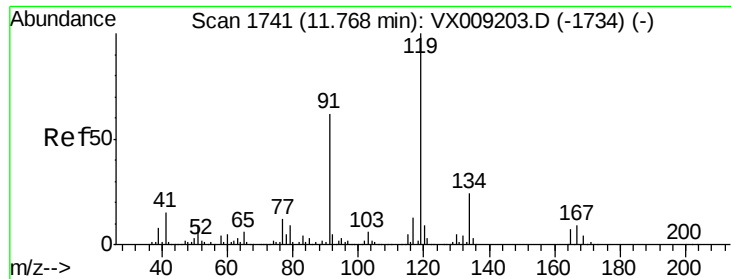
126 28.6 14.5 43.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

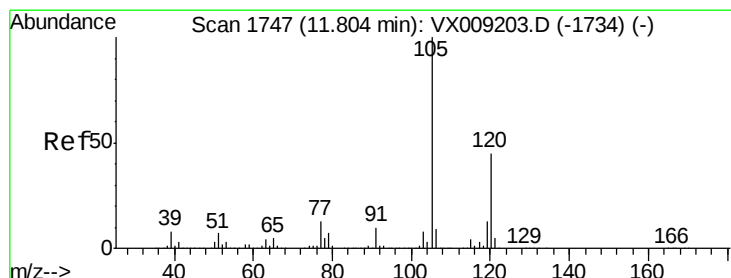
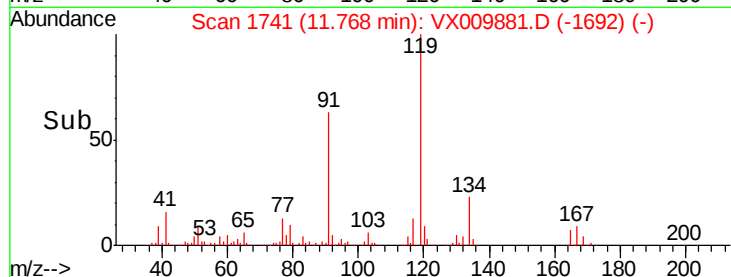
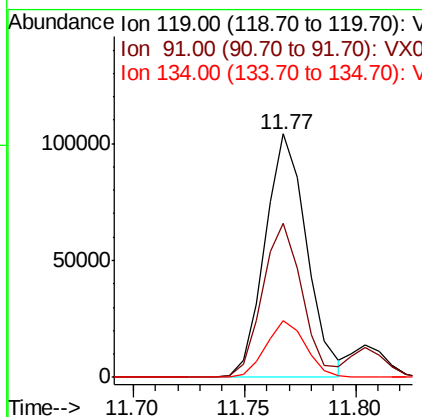
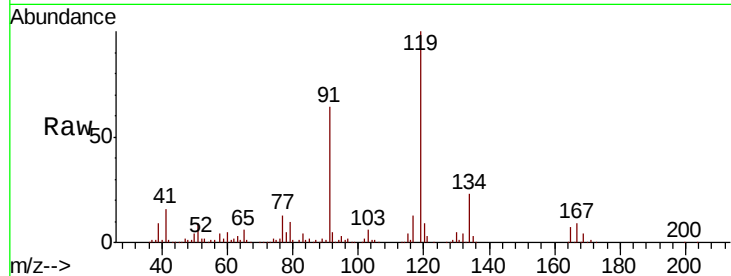




#83
tert-Butylbenzene
Concen: 17.494 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX009881.D
Acq: 24 May 2019 13:03

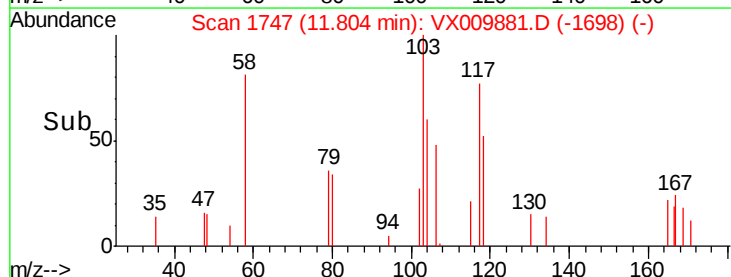
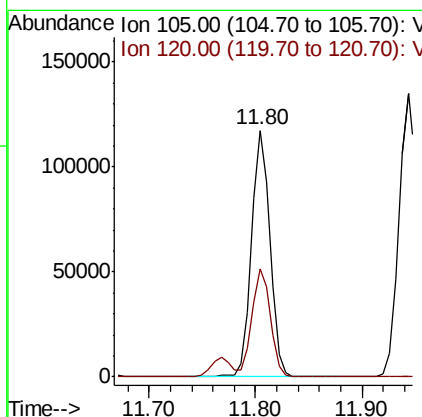
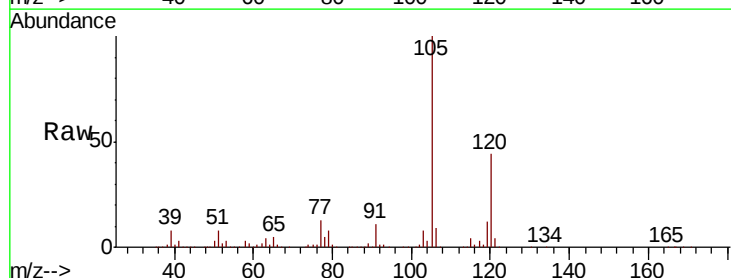
Instrument :
MSVOA_X
ClientSampled :
VX0524WBS01

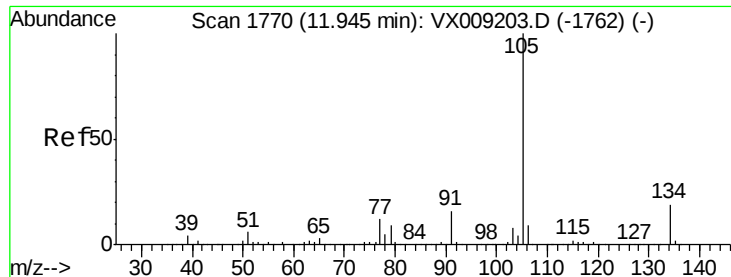
Tot Ion:119 Resp: 135562
Ion Ratio Lower Upper
119 100
91 60.9 29.5 88.5
134 22.4 11.4 34.1



#84
1,2,4-Trimethylbenzene
Concen: 17.942 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX009881.D
Acq: 24 May 2019 13:03

Tgt Ion:105 Resp: 143458
Ion Ratio Lower Upper
105 100
120 43.5 22.0 66.0





#85

sec-Butylbenzene

Concen: 17.781 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009881.D

Acq: 24 May 2019 13:03

Instrument :

MSVOA_X

ClientSampled :

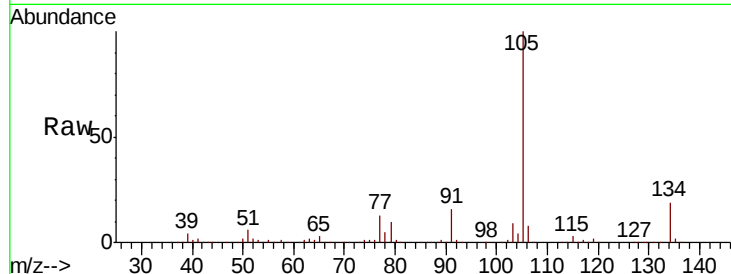
VX0524WBS01

Tot Ion:105 Resp: 163360

Ion Ratio Lower Upper

105 100

134 19.2 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

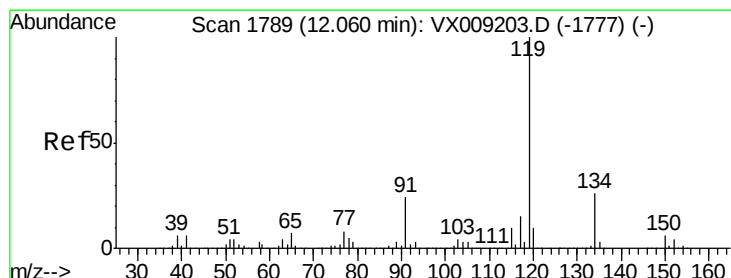
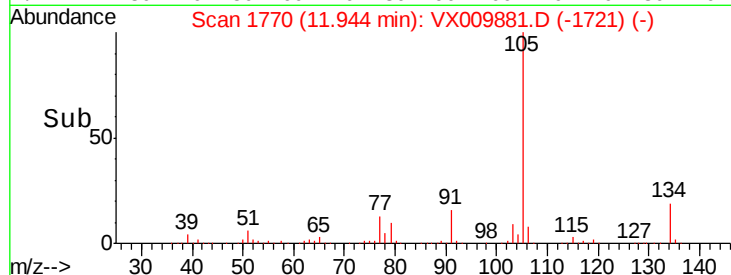
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 17.970 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009881.D

Acq: 24 May 2019 13:03

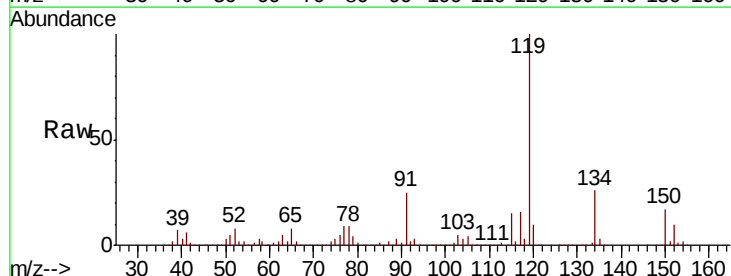
Tgt Ion:119 Resp: 148417

Ion Ratio Lower Upper

119 100

134 25.6 12.9 38.7

91 24.2 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

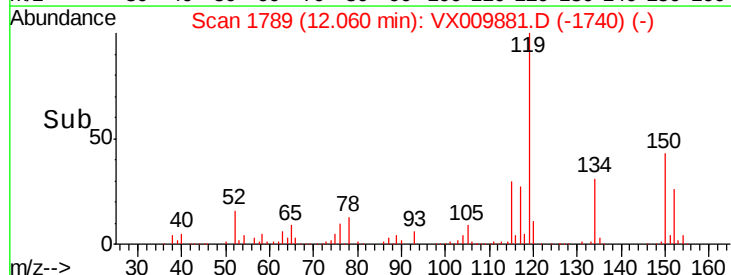
150000

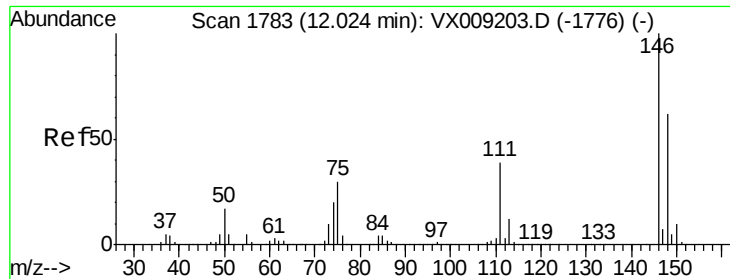
100000

50000

0

Time-->

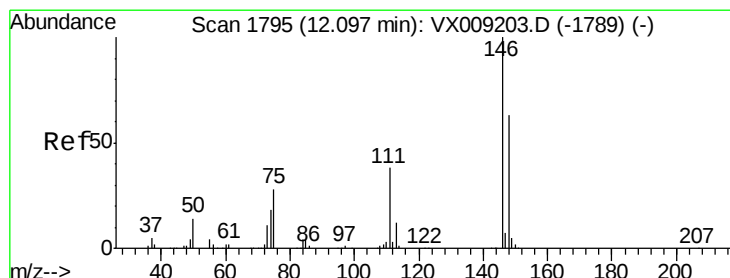
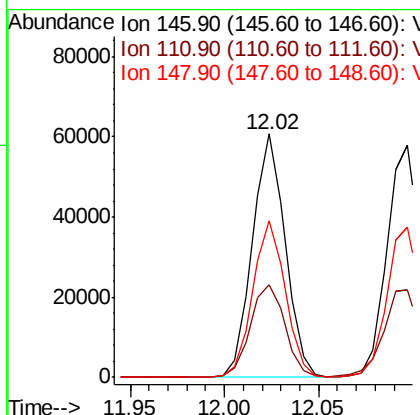
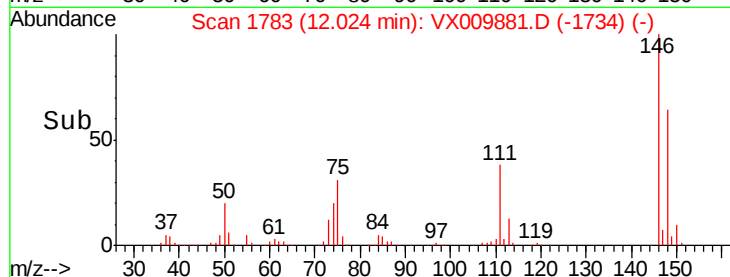
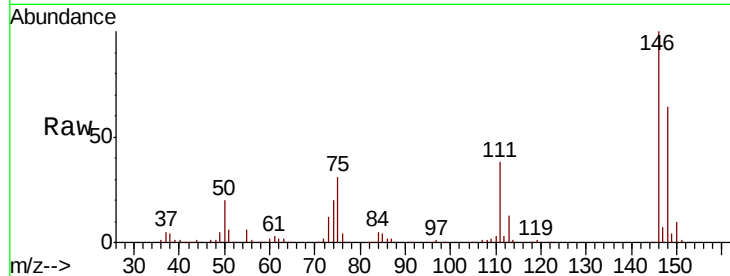




#87
 1,3-Dichlorobenzene
 Concen: 17.565 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009881.D
 Acq: 24 May 2019 13:03

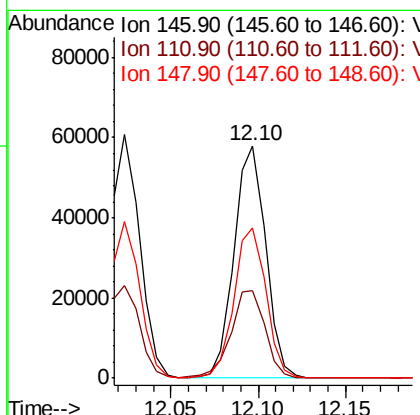
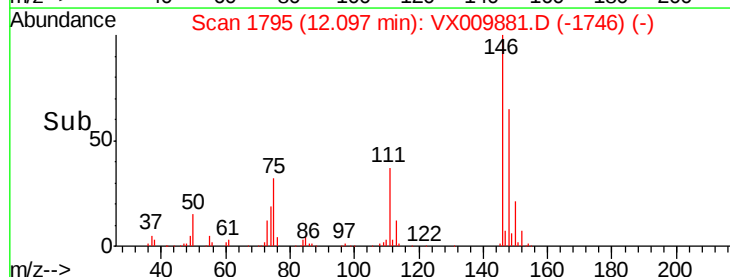
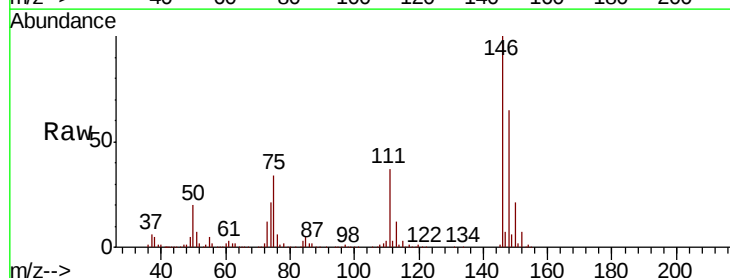
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0524WBS01

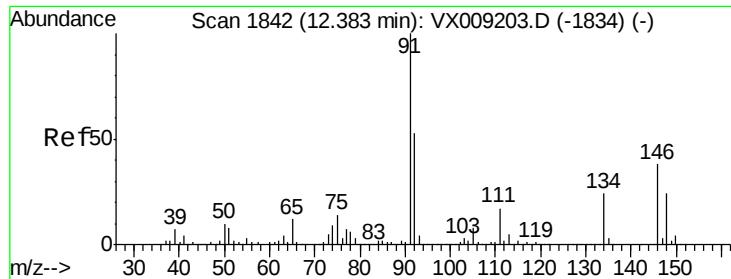
Tot Ion:146 Resp: 73528
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.0 59.9
 148 63.4 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 17.321 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009881.D
 Acq: 24 May 2019 13:03

Tgt Ion:146 Resp: 73099
 Ion Ratio Lower Upper
 146 100
 111 40.9 19.6 58.8
 148 65.3 31.8 95.3

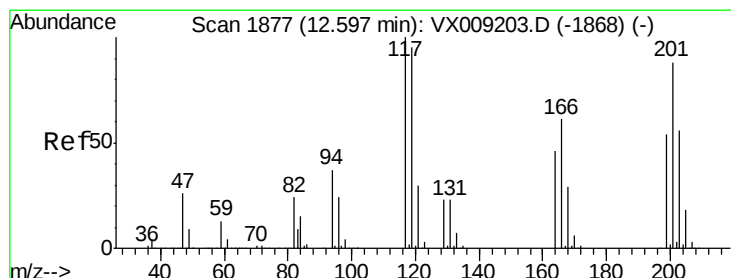
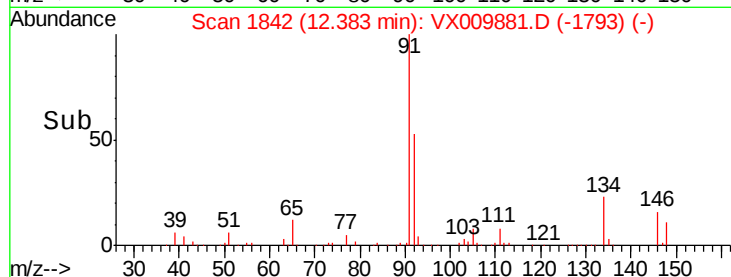
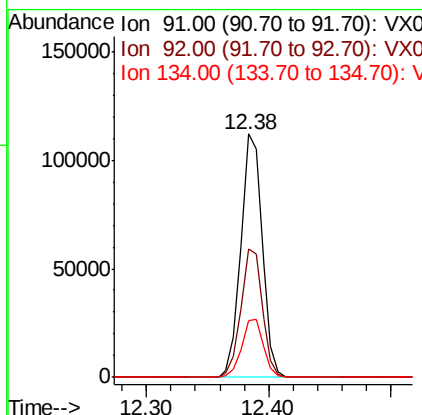
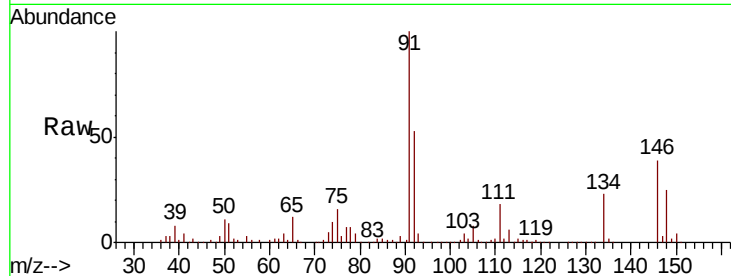




#89
n-Butylbenzene
Concen: 18.112 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX009881.D
Acq: 24 May 2019 13:03

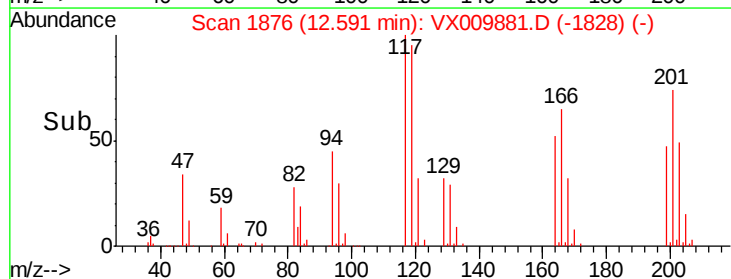
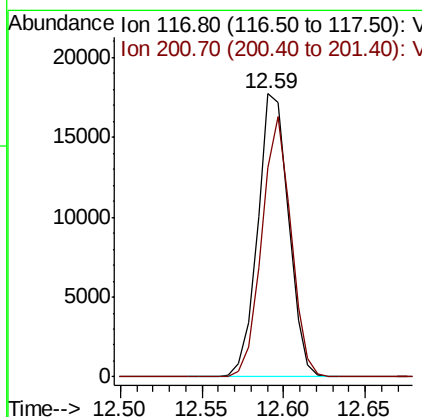
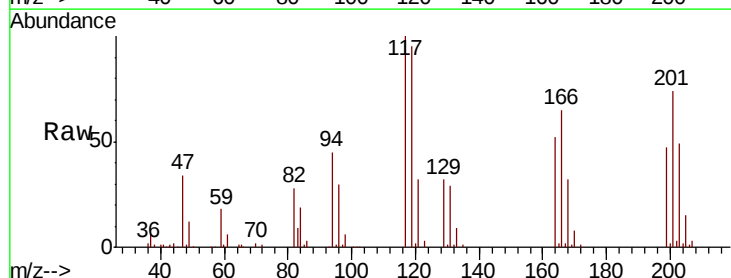
Instrument :
MSVOA_X
ClientSampled :
VX0524WBS01

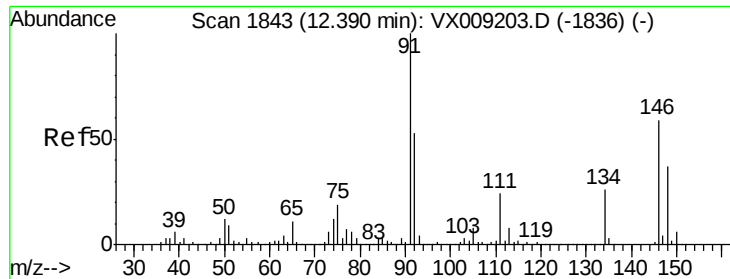
Tot Ion: 91 Resp: 135204
Ion Ratio Lower Upper
91 100
92 53.2 26.5 79.5
134 24.1 12.4 37.2



#90
Hexachloroethane
Concen: 16.655 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX009881.D
Acq: 24 May 2019 13:03

Tgt Ion: 117 Resp: 23435
Ion Ratio Lower Upper
117 100
201 86.0 42.3 126.9

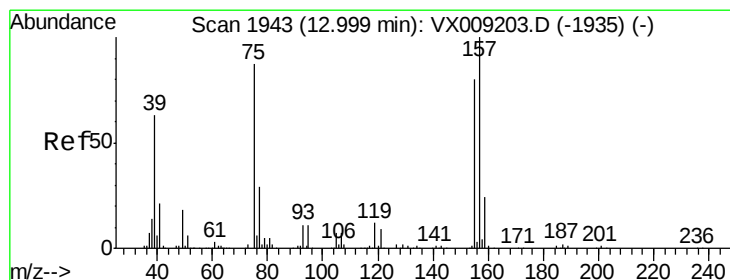
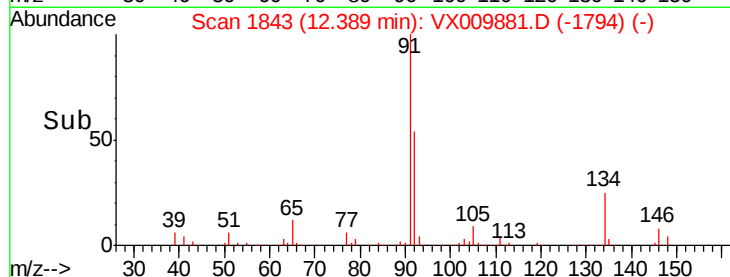
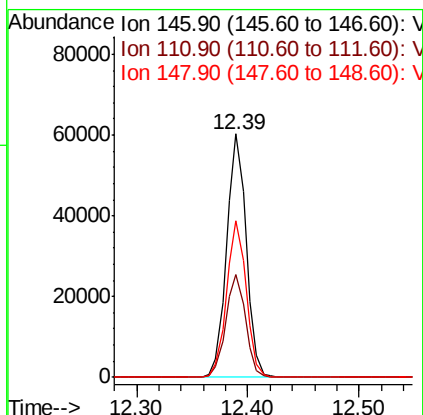
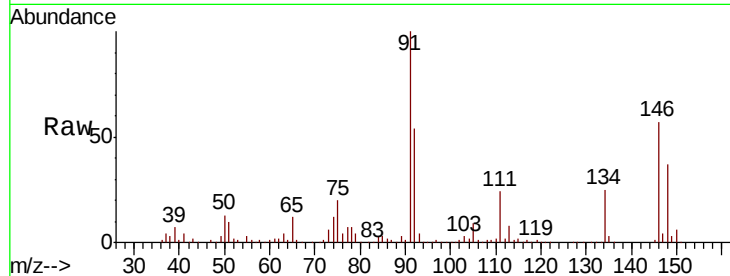




#91
 1,2-Dichlorobenzene
 Concen: 17.189 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX009881.D
 Acq: 24 May 2019 13:03

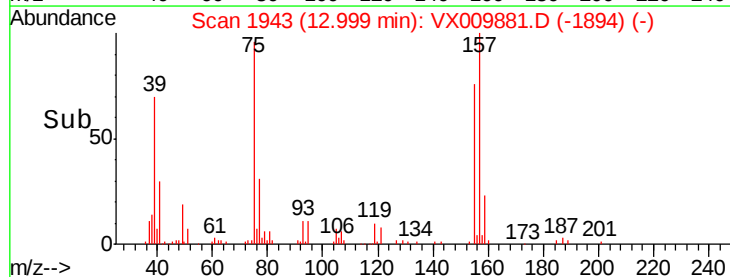
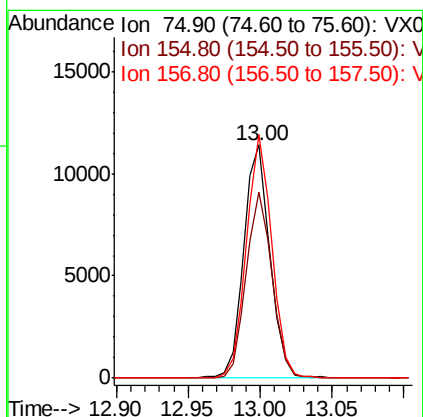
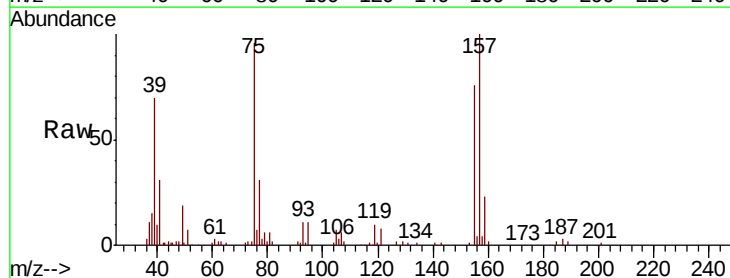
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0524WBS01

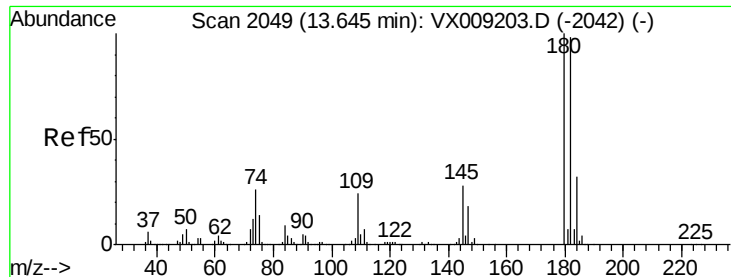
Tot Ion:146 Resp: 73286
 Ion Ratio Lower Upper
 146 100
 111 42.7 20.8 62.4
 148 64.5 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.974 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX009881.D
 Acq: 24 May 2019 13:03

Tgt Ion: 75 Resp: 14220
 Ion Ratio Lower Upper
 75 100
 155 79.4 42.0 126.0
 157 101.4 53.2 159.6

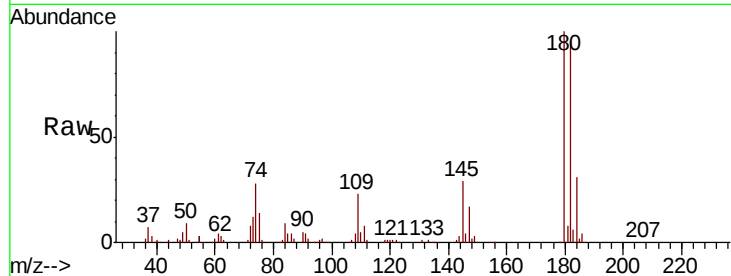




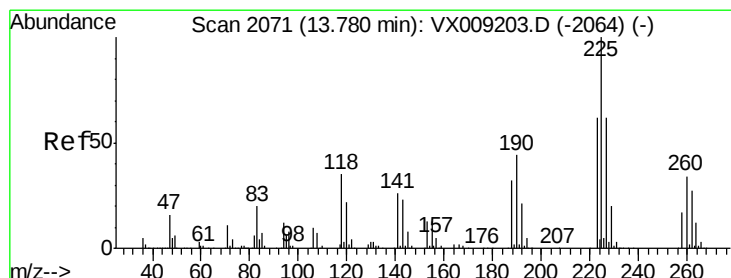
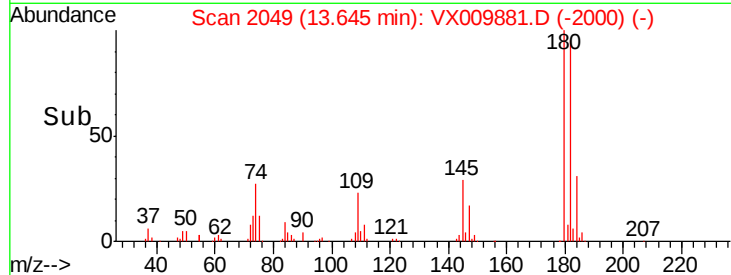
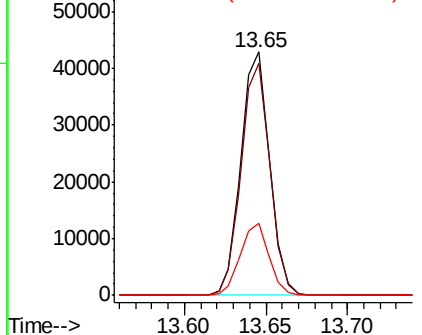
#93
 1,2,4-Trichlorobenzene
 Concen: 18.090 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009881.D
 Acq: 24 May 2019 13:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0524WBS01

Tot Ion:180 Resp: 52743
 Ion Ratio Lower Upper
 180 100
 182 95.8 48.4 145.2
 145 29.4 14.6 43.8

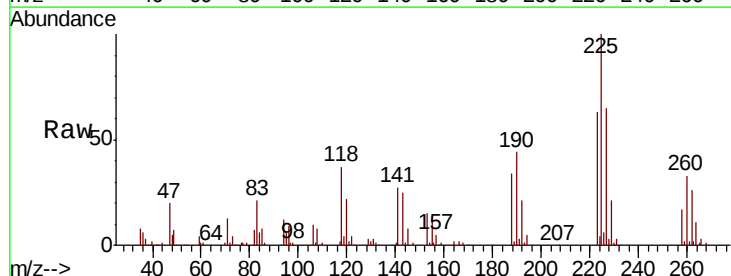


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

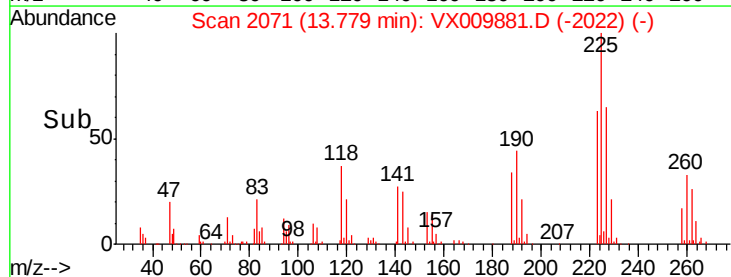
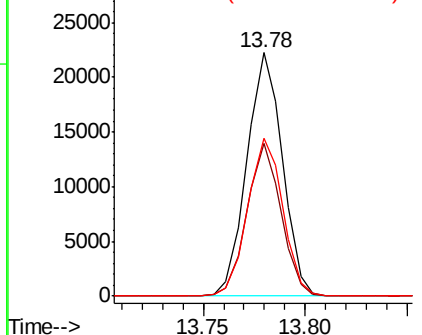


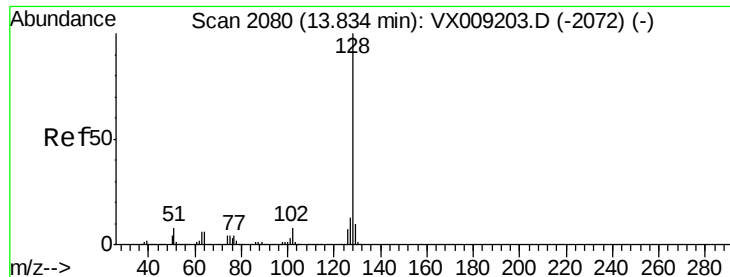
#94
 Hexachlorobutadiene
 Concen: 18.085 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009881.D
 Acq: 24 May 2019 13:03

Tgt Ion:225 Resp: 26927
 Ion Ratio Lower Upper
 225 100
 223 60.3 31.3 93.8
 227 64.4 31.8 95.3



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





#95

Naphthalene

Concen: 17.744 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX009881.D

Acq: 24 May 2019 13:03

Instrument :

MSVOA_X

ClientSampleId :

VX0524WBS01

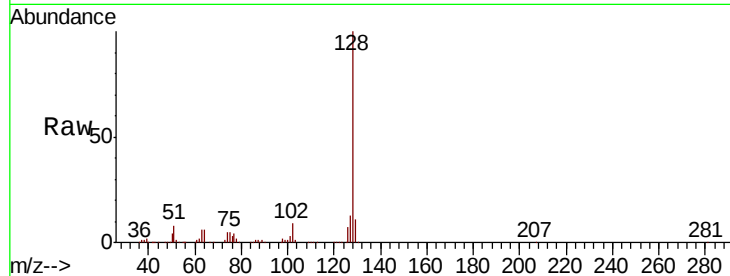
Tot Ion:128 Resp: 168314

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

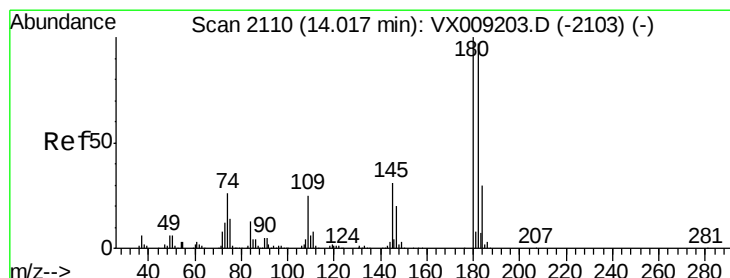
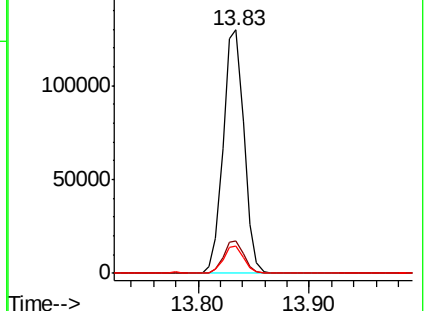
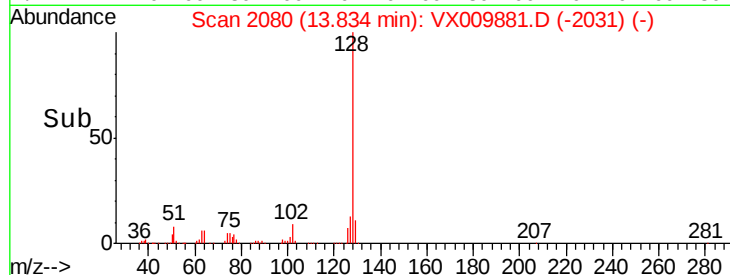
129 10.8 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 17.768 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX009881.D

Acq: 24 May 2019 13:03

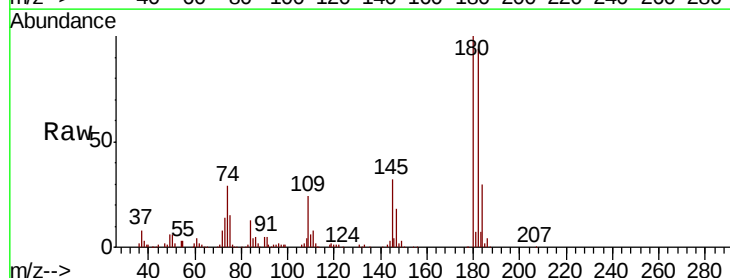
Tgt Ion:180 Resp: 52513

Ion Ratio Lower Upper

180 100

182 96.2 47.8 143.4

145 31.4 15.4 46.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

