

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052419\
 Data File : VX009880.D
 Acq On : 24 May 2019 12:40
 Operator : JC/SP
 Sample : VX0524MBS01
 Misc : 5.0µl/10mL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0524MBS01

Quant Time: May 25 00:11:54 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	182091	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	294620	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	264936	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	130329	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	118035	47.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.96%	
35) Dibromofluoromethane	5.50	113	82213	44.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.78%	
50) Toluene-d8	8.71	98	340870	45.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.18%	
62) 4-Bromofluorobenzene	11.13	95	123701	45.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	26416	15.743	ug/l	98
3) Chloromethane	1.32	50	42129	18.390	ug/l	100
4) Vinyl Chloride	1.41	62	39705	17.774	ug/l	98
5) Bromomethane	1.64	94	24864	18.544	ug/l	99
6) Chloroethane	1.72	64	24854	17.329	ug/l	97
7) Trichlorofluoromethane	1.93	101	47471	17.482	ug/l	97
8) Diethyl Ether	2.19	74	21942	17.059	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.39	101	29067	17.046	ug/l	99
10) Methyl Iodide	2.51	142	31414	18.993	ug/l	99
11) Tert butyl alcohol	3.05	59	54800	95.239	ug/l	100
12) 1,1-Dichloroethene	2.37	96	28655	16.772	ug/l	99
13) Acrolein	2.29	56	40849	78.391	ug/l	98
14) Allyl chloride	2.73	41	72867	17.500	ug/l	98
15) Acrylonitrile	3.14	53	123943	88.098	ug/l	99
16) Acetone	2.45	43	123374	92.432	ug/l	97
17) Carbon Disulfide	2.57	76	77560	16.169	ug/l	99
18) Methyl Acetate	2.78	43	55225	17.397	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	114493	17.257	ug/l	96
20) Methylene Chloride	2.85	84	36210	16.755	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	31857	17.193	ug/l	96
22) Diisopropyl ether	3.85	45	143902	17.971	ug/l	91
23) Vinyl Acetate	3.82	43	640743	93.447	ug/l	99
24) 1,1-Dichloroethane	3.70	63	68150	17.253	ug/l	99
25) 2-Butanone	4.68	43	193825	93.447	ug/l	97
26) 2,2-Dichloropropane	4.58	77	49400	16.801	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	37600	17.001	ug/l	95
28) Bromochloromethane	5.02	49	36995	21.715	ug/l	94
29) Tetrahydrofuran	5.13	42	124992	93.647	ug/l	97
30) Chloroform	5.21	83	61251	17.145	ug/l	97
31) Cyclohexane	5.58	56	65879	17.926	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	50366	16.935	ug/l	98
36) 1,1-Dichloropropene	5.80	75	47086	17.198	ug/l	99
37) Ethyl Acetate	4.84	43	71652	18.783	ug/l	98
38) Carbon Tetrachloride	5.79	117	40624	16.331	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	58941	17.529	ug/l	99
40) Benzene	6.14	78	145652	17.189	ug/l	99
41) Methacrylonitrile	5.04	41	39473	17.383	ug/l	98
42) 1,2-Dichloroethane	6.20	62	55140	18.141	ug/l	99
43) Isopropyl Acetate	6.45	43	110686	18.140	ug/l	99
44) Trichloroethene	7.21	130	34025	16.610	ug/l	93
45) 1,2-Dichloropropane	7.51	63	42138	17.562	ug/l	99
46) Dibromomethane	7.66	93	23479	16.851	ug/l	100
47) Bromodichloromethane	7.90	83	45485	16.366	ug/l	98
48) Methyl methacrylate	7.77	41	56182	18.558	ug/l	97
49) 1,4-Dioxane	7.74	88	20432	332.804	ug/l	92
51) 4-Methyl-2-Pentanone	8.64	43	370883	92.992	ug/l	98
52) Toluene	8.78	92	88981	17.275	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	52497	16.730	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	59461	17.120	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	35462	16.876	ug/l	97
56) Ethyl methacrylate	9.18	69	65196	17.381	ug/l	96
57) 1,3-Dichloropropane	9.37	76	64352	17.402	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	167440	84.144	ug/l	99
59) 2-Hexanone	9.49	43	290626	92.781	ug/l	97
60) Dibromochloromethane	9.58	129	32539	15.854	ug/l	99
61) 1,2-Dibromoethane	9.67	107	36232	17.081	ug/l	100
64) Tetrachloroethene	9.34	164	32065	17.644	ug/l	100
65) Chlorobenzene	10.13	112	90489	17.074	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	31270	16.274	ug/l	98
67) Ethyl Benzene	10.25	91	168388	17.264	ug/l	100
68) m/p-Xylenes	10.36	106	124343	34.885	ug/l	98
69) o-Xylene	10.69	106	61047	17.359	ug/l	100
70) Styrene	10.71	104	104846	17.153	ug/l	98
71) Bromoform	10.86	173	23967	15.349	ug/l #	100
73) Isopropylbenzene	11.02	105	163214	17.221	ug/l	100
74) N-amyl acetate	10.90	43	98732	17.869	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	59413	16.816	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	68872	22.781	ug/l	82
77) Bromobenzene	11.26	156	40320	17.140	ug/l	98
78) n-propylbenzene	11.36	91	188188	17.387	ug/l	99
79) 2-Chlorotoluene	11.42	91	112159	16.796	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	136147	17.061	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	17930	15.175	ug/l	88
82) 4-Chlorotoluene	11.51	91	129344	17.146	ug/l	98
83) tert-Butylbenzene	11.77	119	129562	16.690	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	137700	17.191	ug/l	99
85) sec-Butylbenzene	11.94	105	156647	17.020	ug/l	100
86) p-Isopropyltoluene	12.06	119	142378	17.208	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	70953	16.920	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	70717	16.727	ug/l	98
89) n-Butylbenzene	12.38	91	131454	17.578	ug/l	99
90) Hexachloroethane	12.60	117	22278	15.805	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	71374	16.711	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	13410	16.920	ug/l	93

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Instrument :
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ClientSampleId :
VX0524MBS01

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

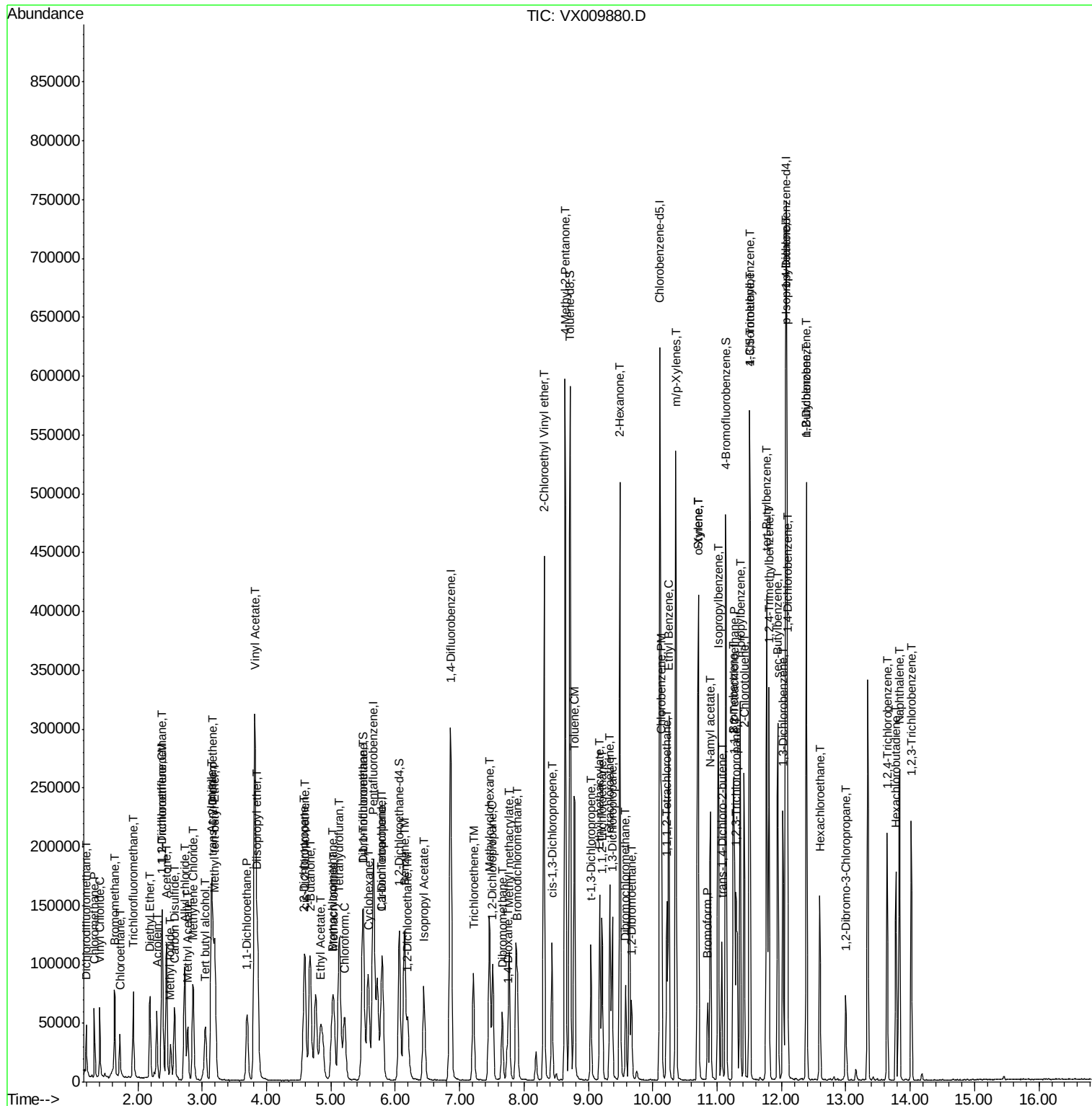
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	50225	17.196	ug/l	100
94) Hexachlorobutadiene	13.78	225	26222	17.581	ug/l	97
95) Naphthalene	13.83	128	160215	16.860	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	50678	17.117	ug/l	99

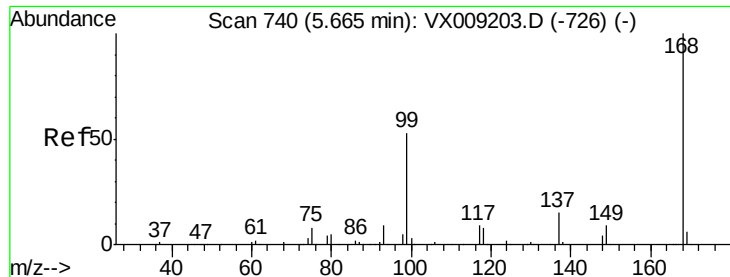
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\WX052419\
 Data File : VX009880.D
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 Operator : JC/SP
 Sample : VX0524MBS01
 Misc : 5.0µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 Client Sampled :
 VX0524MBS01

Quant Time: May 25 00:11:54 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009880.D

Acq: 24 May 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

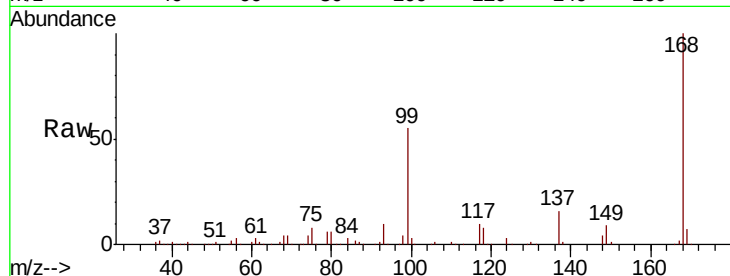
VX0524MBS01

Tot Ion:168 Resp: 182091

Ion Ratio Lower Upper

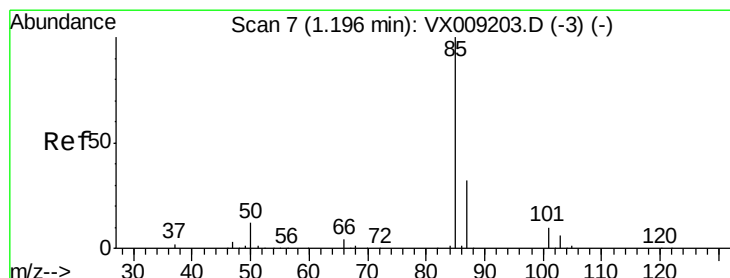
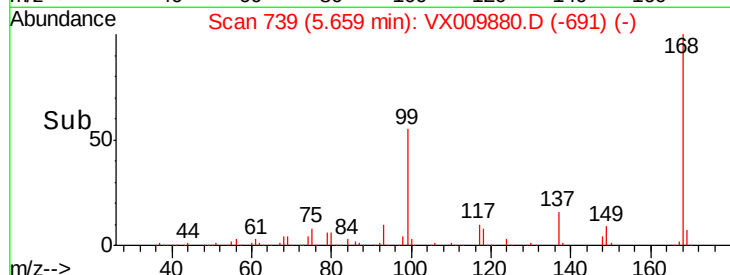
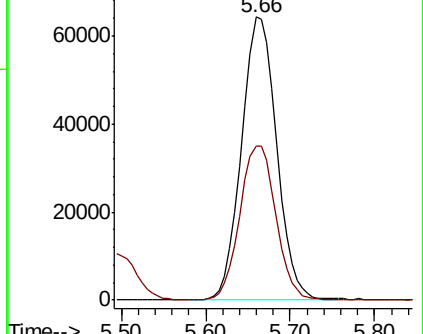
168 100

99 54.6 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: 15.743 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX009880.D

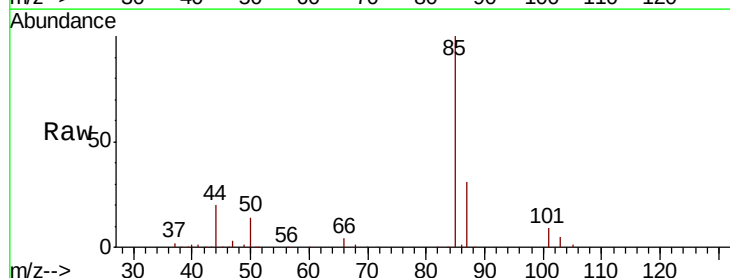
Acq: 24 May 2019 12:40

Tgt Ion: 85 Resp: 26416

Ion Ratio Lower Upper

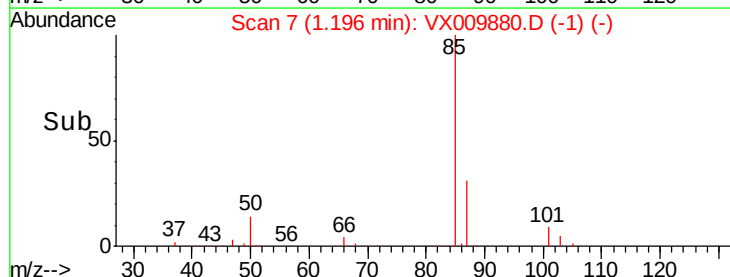
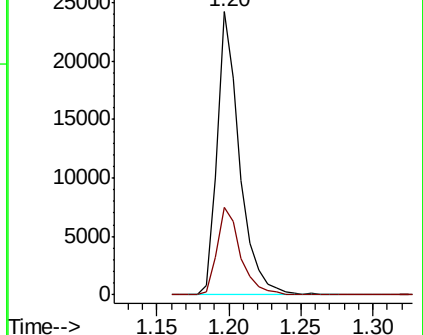
85 100

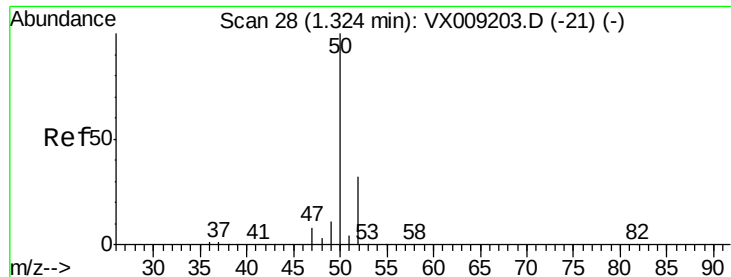
87 31.1 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.390 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX009880.D

Acq: 24 May 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

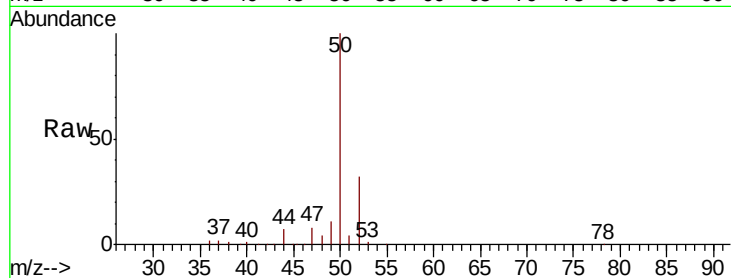
VX0524MBS01

Tot Ion: 50 Resp: 42129

Ion Ratio Lower Upper

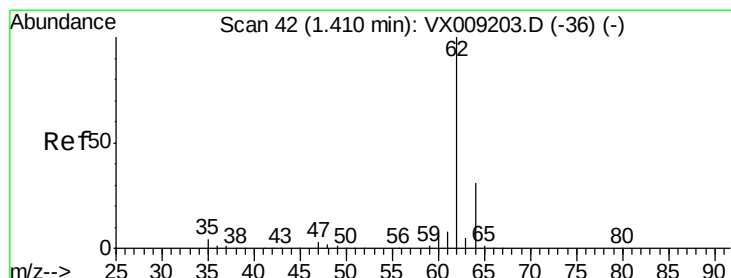
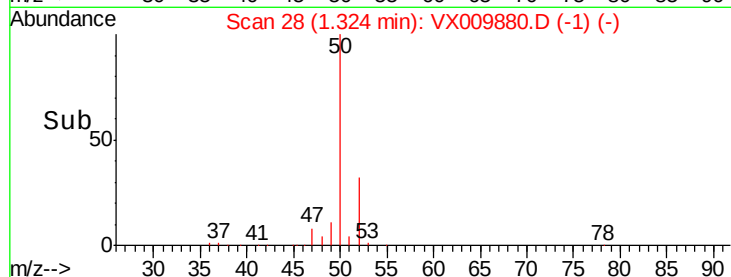
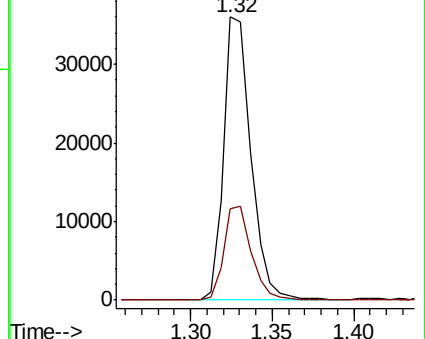
50 100

52 32.2 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: 17.774 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX009880.D

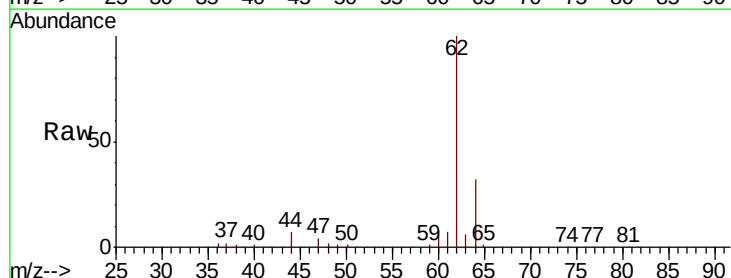
Acq: 24 May 2019 12:40

Tgt Ion: 62 Resp: 39705

Ion Ratio Lower Upper

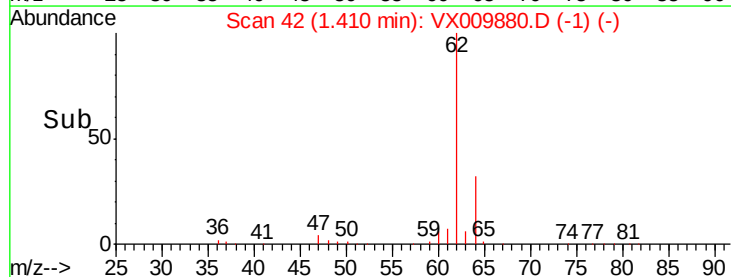
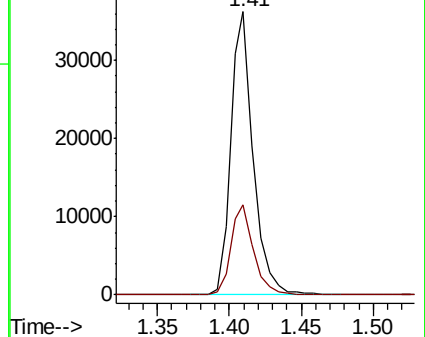
62 100

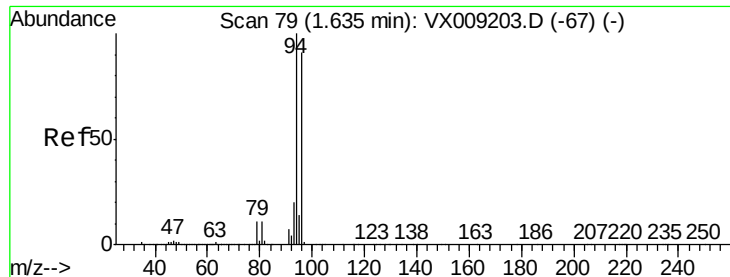
64 31.7 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 18.544 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009880.D

Acq: 24 May 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

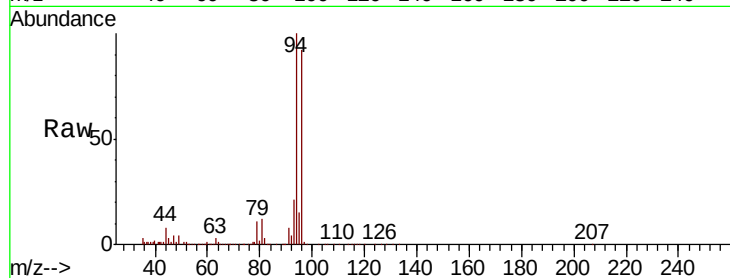
VX0524MBS01

Tot Ion: 94 Resp: 24864

Ion Ratio Lower Upper

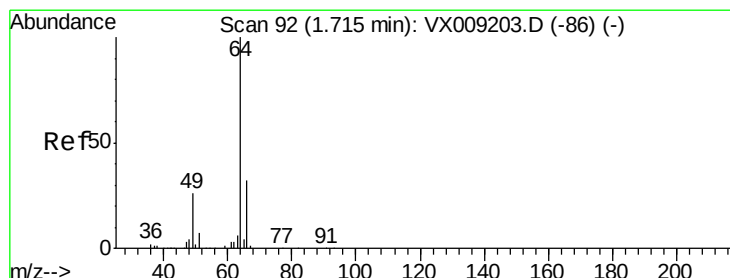
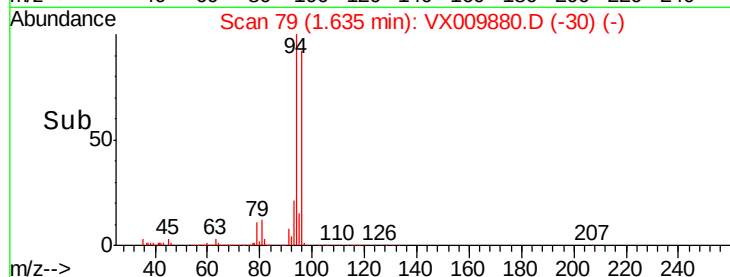
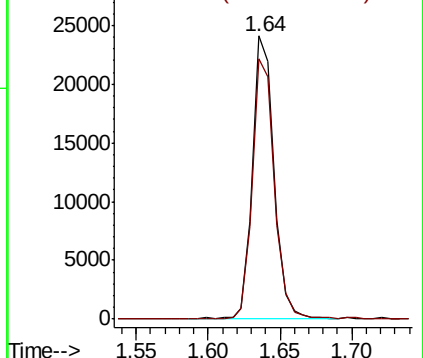
94 100

96 91.8 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: 17.329 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX009880.D

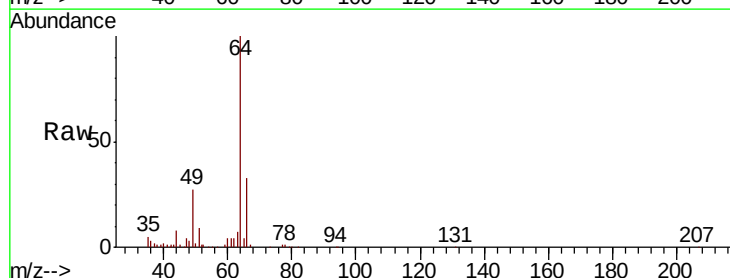
Acq: 24 May 2019 12:40

Tgt Ion: 64 Resp: 24854

Ion Ratio Lower Upper

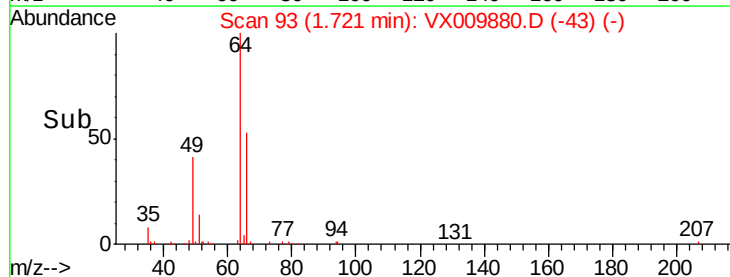
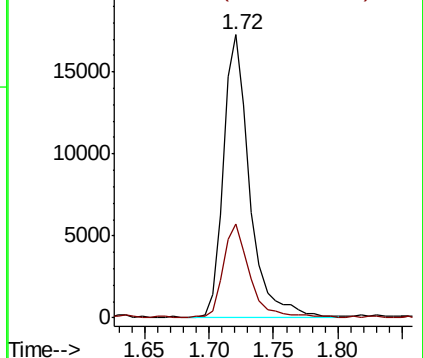
64 100

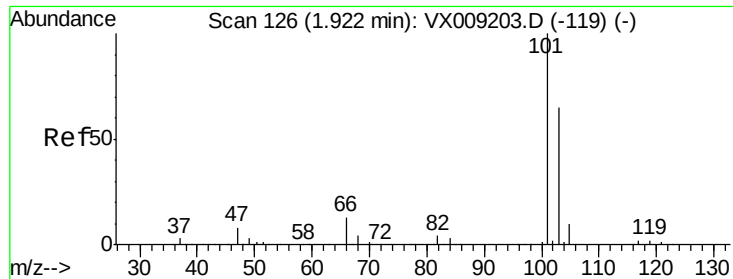
66 33.3 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



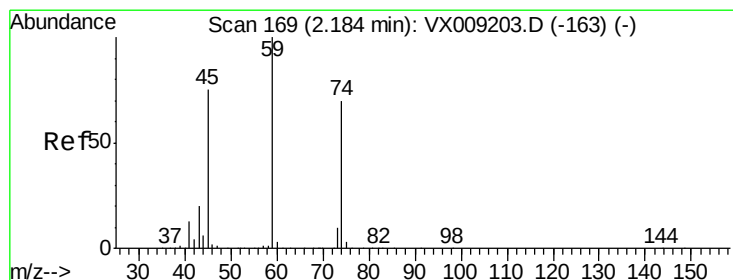
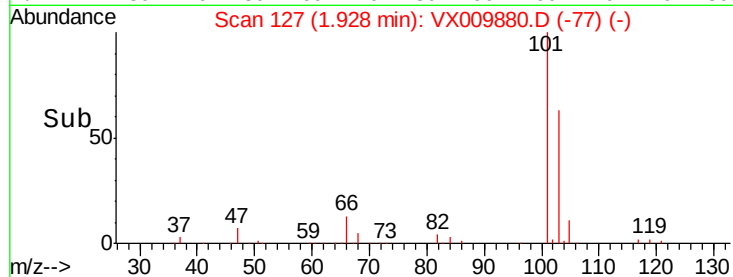
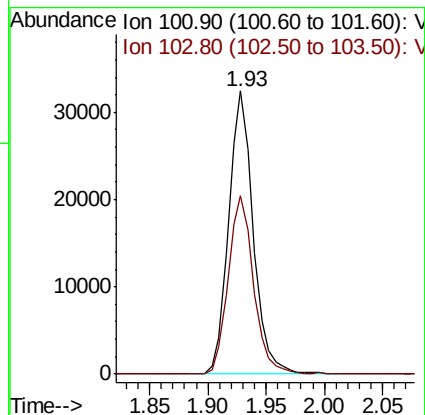
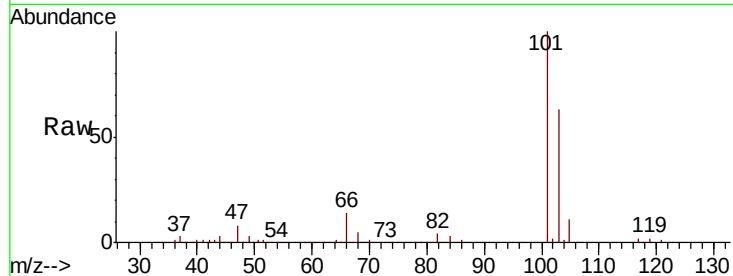


#7

Trichlorofluoromethane
 Concen: 17.482 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX009880.D
 Acq: 24 May 2019 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0524MBS01

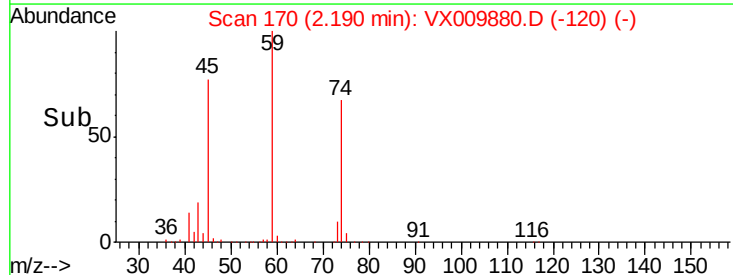
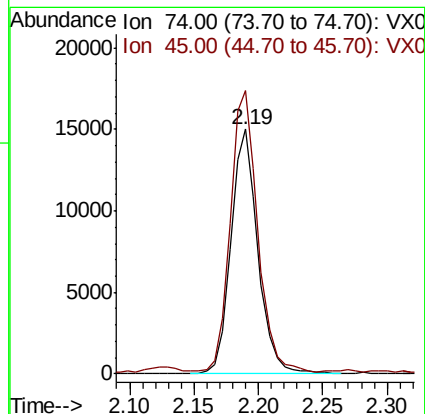
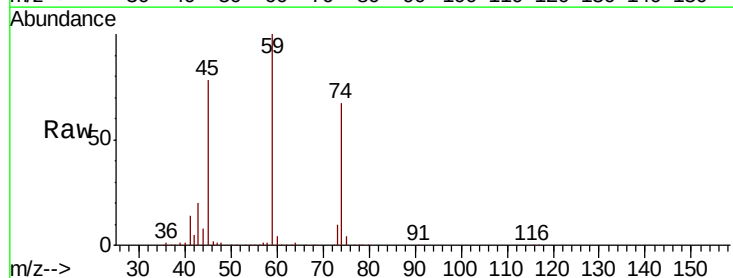
Tot Ion:101 Resp: 47471
 Ion Ratio Lower Upper
 101 100
 103 62.9 52.4 78.6

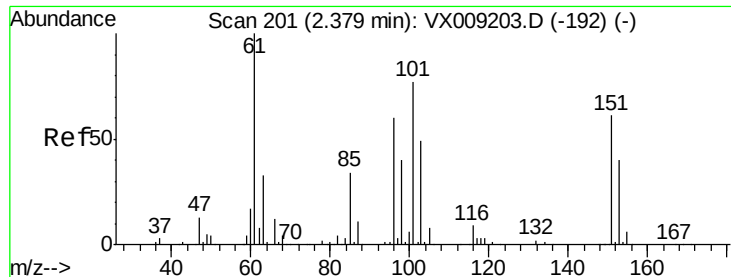


#8

Diethyl Ether
 Concen: 17.059 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX009880.D
 Acq: 24 May 2019 12:40

Tgt Ion: 74 Resp: 21942
 Ion Ratio Lower Upper
 74 100
 45 116.4 53.3 159.9

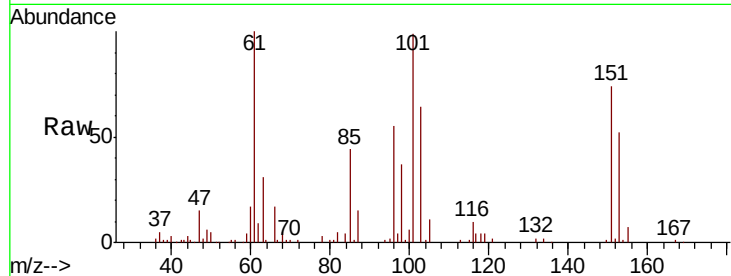




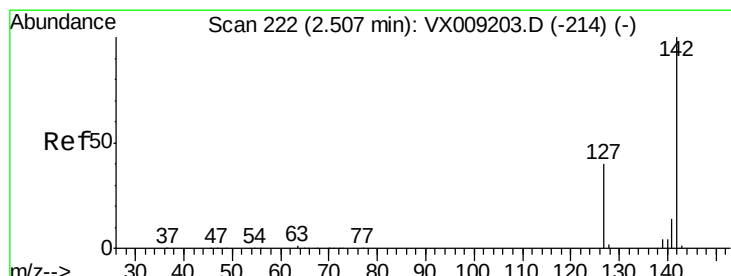
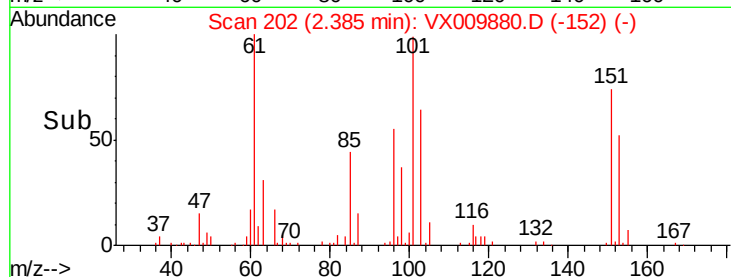
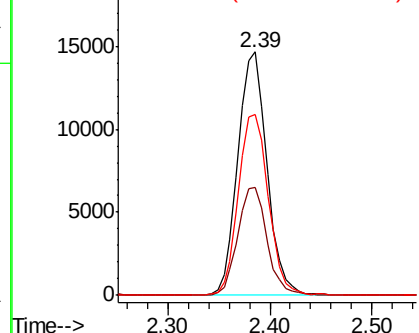
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 17.046 ug/l
 RT: 2.39 min Scan# 202
 Delta R.T. 0.01 min
 Lab File: VX009880.D
 Acq: 24 May 2019 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0524MBS01

Tot Ion:101 Resp: 29067
 Ion Ratio Lower Upper
 101 100
 85 44.2 35.7 53.5
 151 76.4 62.2 93.2

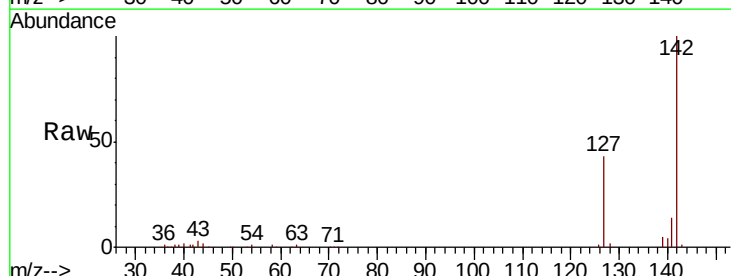


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 150.80 (150.50 to 151.50): V

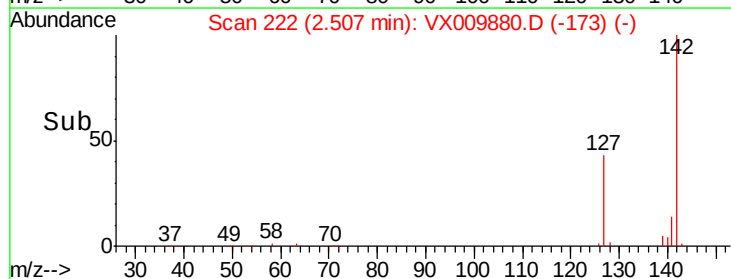
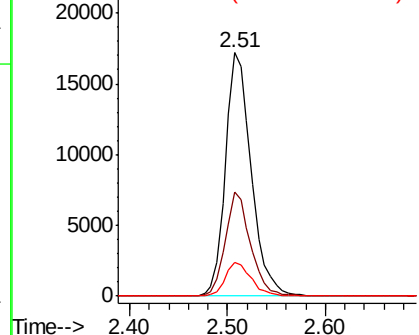


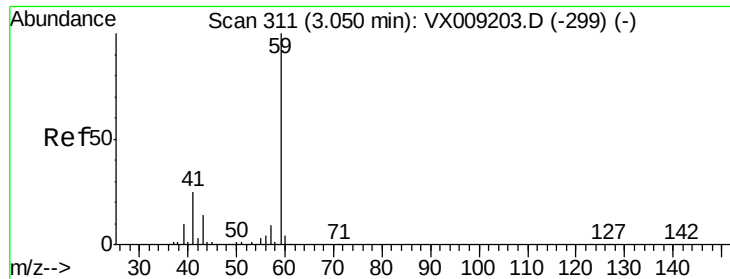
#10
 Methyl Iodide
 Concen: 18.993 ug/l
 RT: 2.51 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VX009880.D
 Acq: 24 May 2019 12:40

Tgt Ion:142 Resp: 31414
 Ion Ratio Lower Upper
 142 100
 127 41.5 32.7 49.1
 141 14.0 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

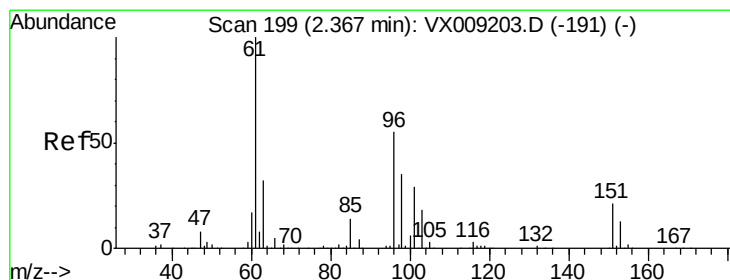
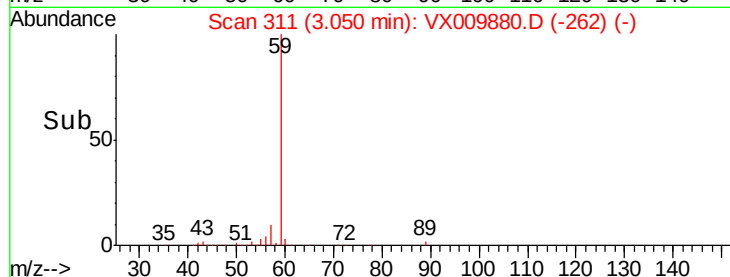
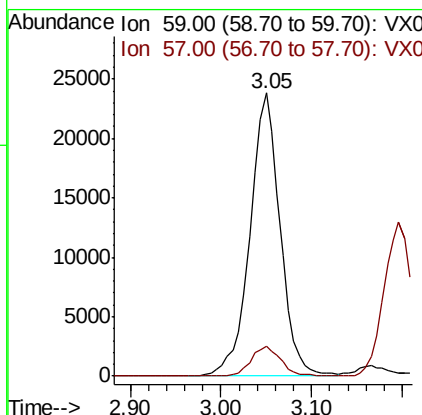
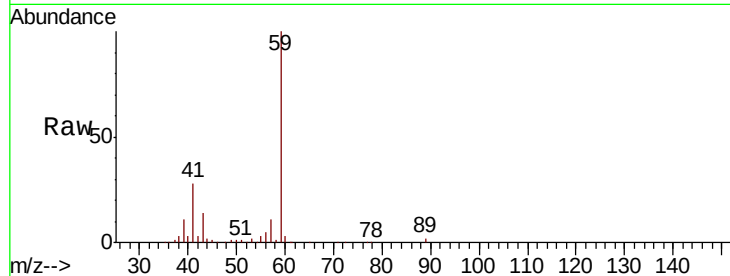




#11
Tert butyl alcohol
Concen: 95.239 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX009880.D
Acq: 24 May 2019 12:40

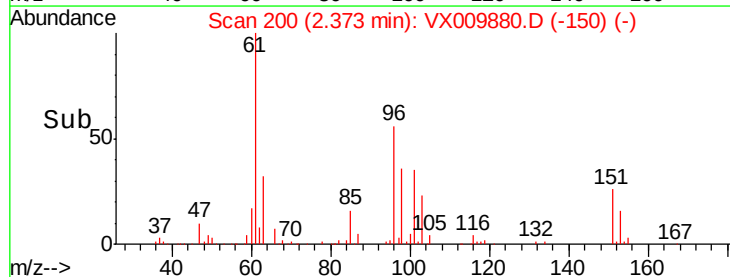
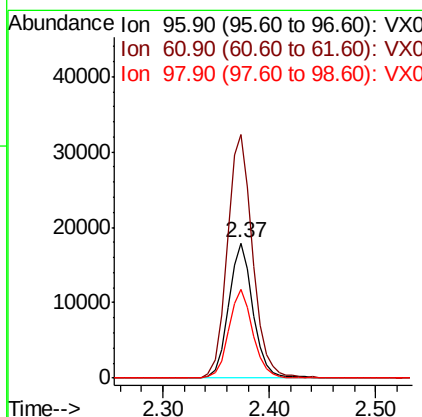
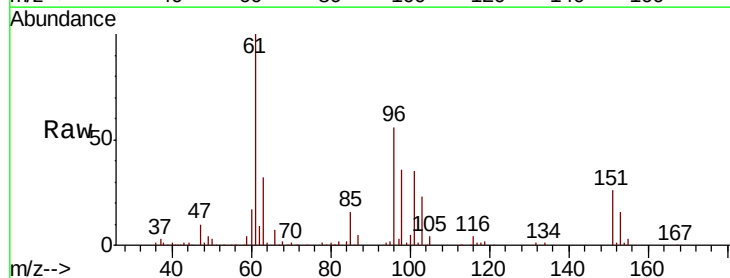
Instrument :
MSVOA_X
ClientSampleId :
VX0524MBS01

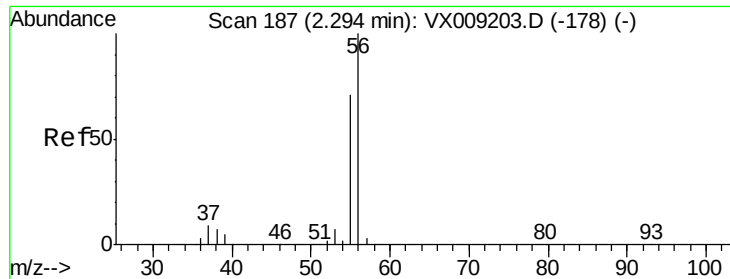
Tot Ion: 59 Resp: 54800
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.2



#12
1,1-Dichloroethene
Concen: 16.772 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX009880.D
Acq: 24 May 2019 12:40

Tgt Ion: 96 Resp: 28655
Ion Ratio Lower Upper
96 100
61 179.9 144.3 216.5
98 65.5 50.3 75.5





#13

Acrolein

Concen: 78.391 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX009880.D

Acq: 24 May 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

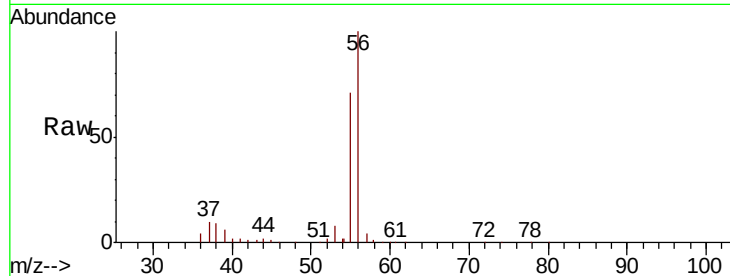
VX0524MBS01

Tot Ion: 56 Resp: 40849

Ion Ratio Lower Upper

56 100

55 72.4 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

25000

20000

15000

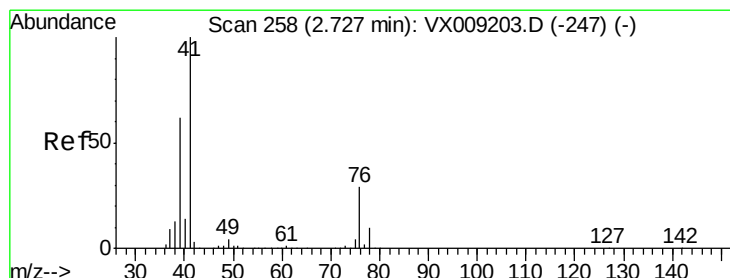
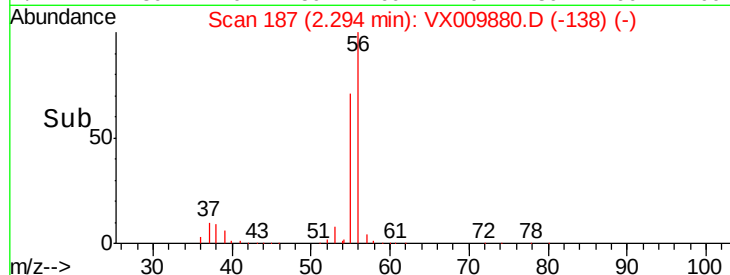
10000

5000

0

Time-->

2.20 2.25 2.30 2.35 2.40



#14

Allyl chloride

Concen: 17.500 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX009880.D

Acq: 24 May 2019 12:40

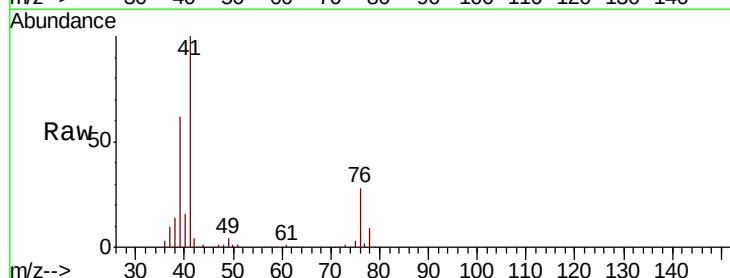
Tgt Ion: 41 Resp: 72867

Ion Ratio Lower Upper

41 100

39 58.2 46.7 70.1

76 24.6 21.8 32.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

50000

40000

30000

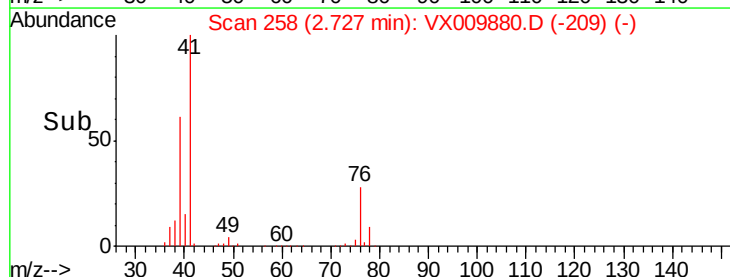
20000

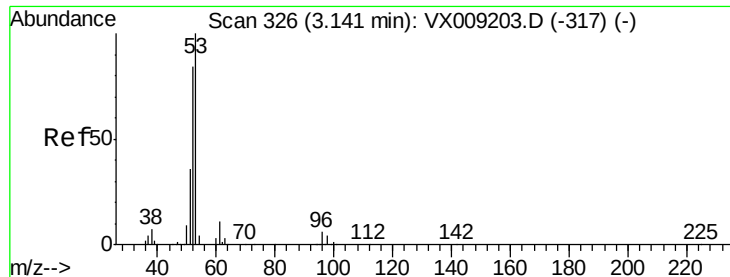
10000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 88.098 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX009880.D

Acq: 24 May 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

VX0524MBS01

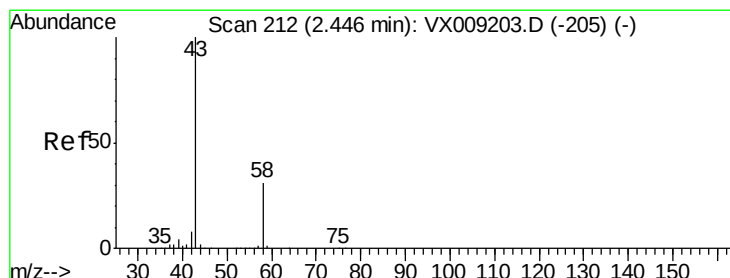
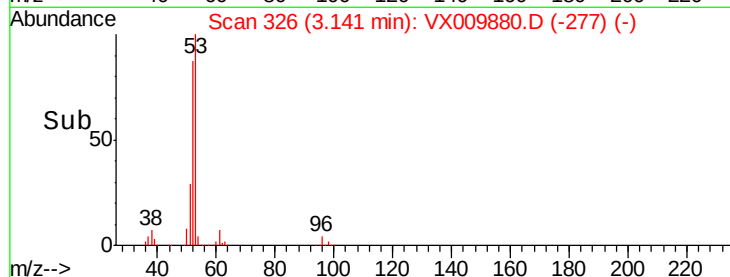
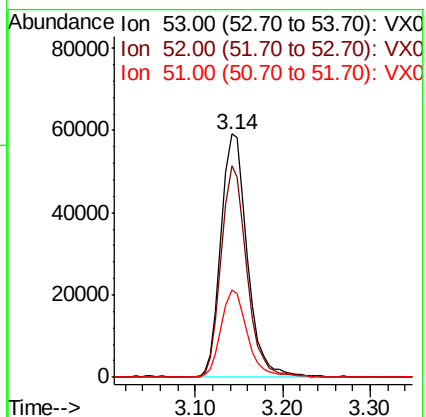
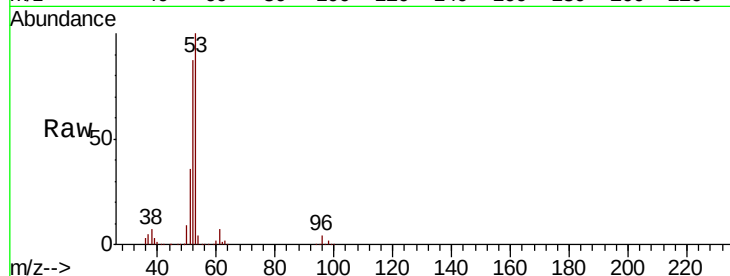
Tot Ion: 53 Resp: 123943

Ion Ratio Lower Upper

53 100

52 84.7 66.9 100.3

51 36.1 28.2 42.2



#16

Acetone

Concen: 92.432 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX009880.D

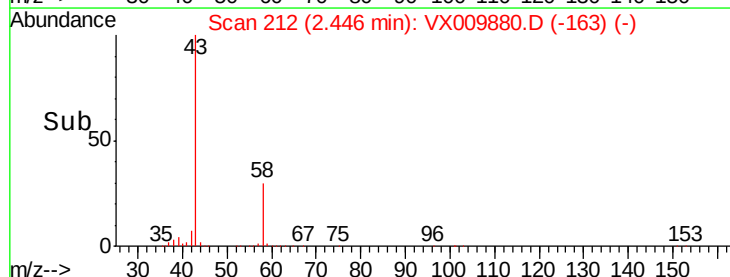
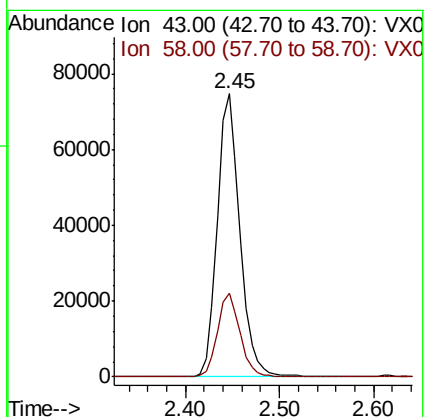
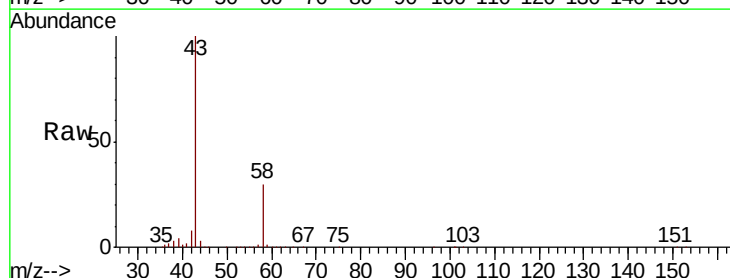
Acq: 24 May 2019 12:40

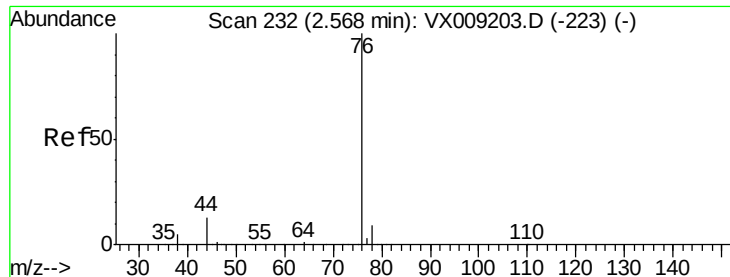
Tgt Ion: 43 Resp: 123374

Ion Ratio Lower Upper

43 100

58 29.5 24.9 37.3

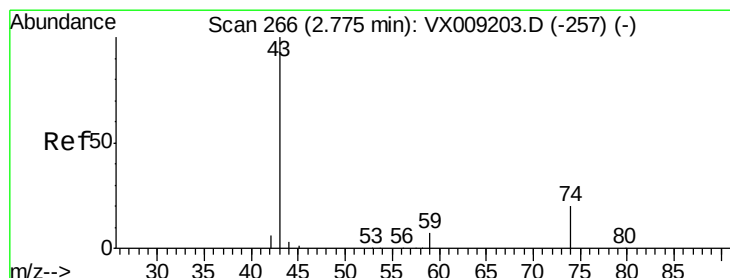
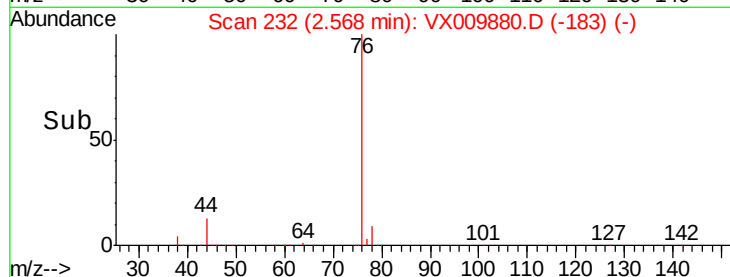
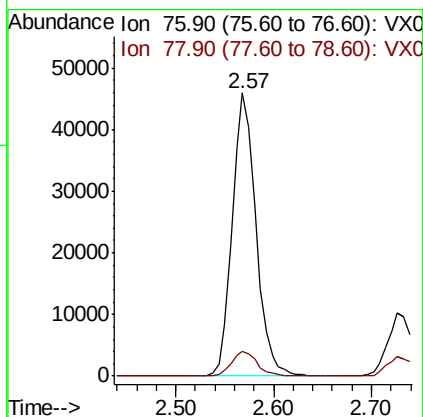
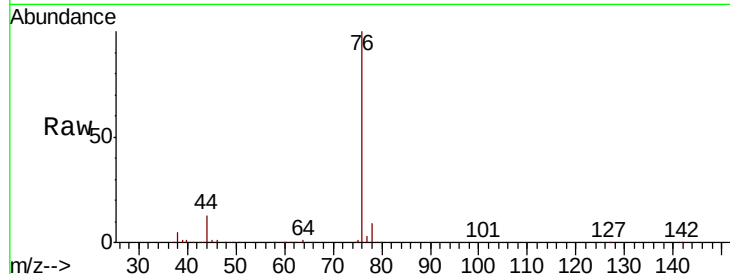




#17
Carbon Disulfide
Concen: 16.169 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX009880.D
Acq: 24 May 2019 12:40

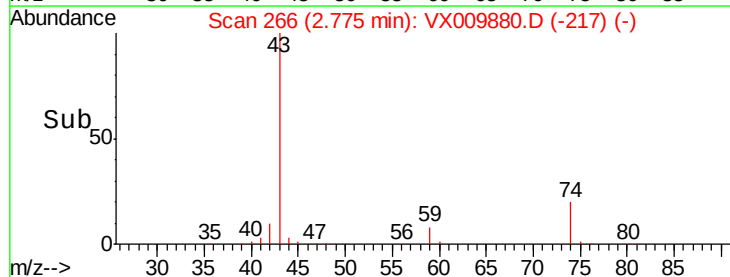
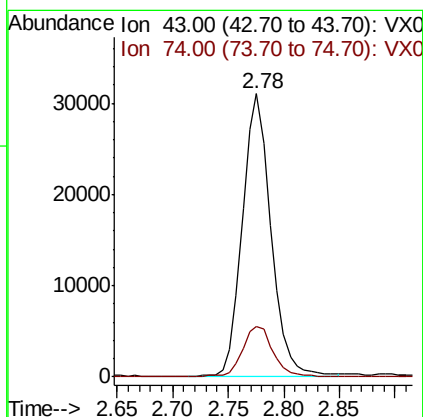
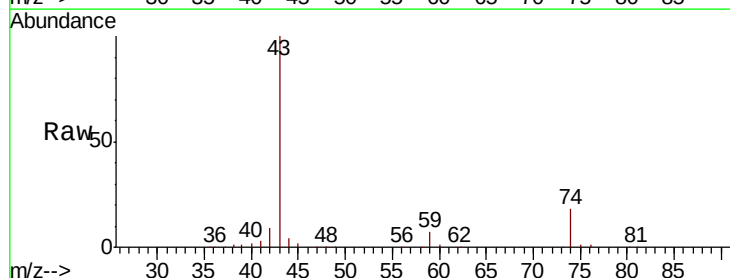
Instrument :
MSVOA_X
ClientSampleId :
VX0524MBS01

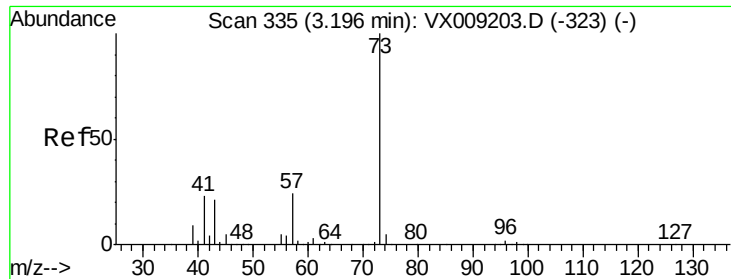
Tot Ion: 76 Resp: 77560
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



#18
Methyl Acetate
Concen: 17.397 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX009880.D
Acq: 24 May 2019 12:40

Tgt Ion: 43 Resp: 55225
Ion Ratio Lower Upper
43 100
74 19.5 16.2 24.4

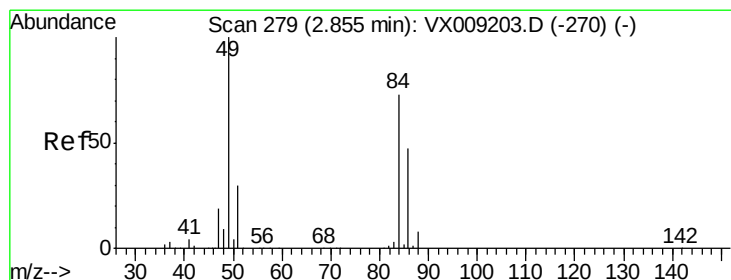
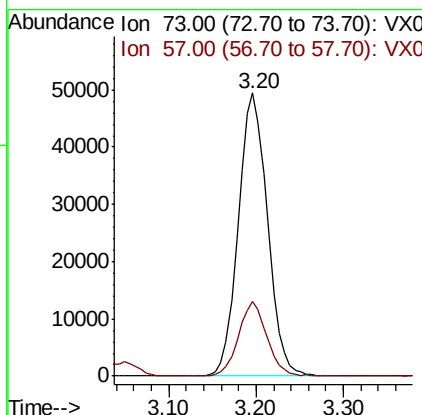
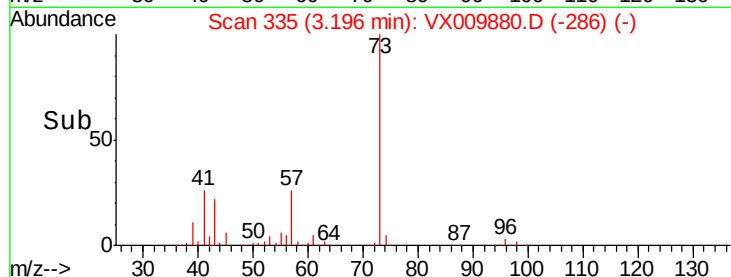
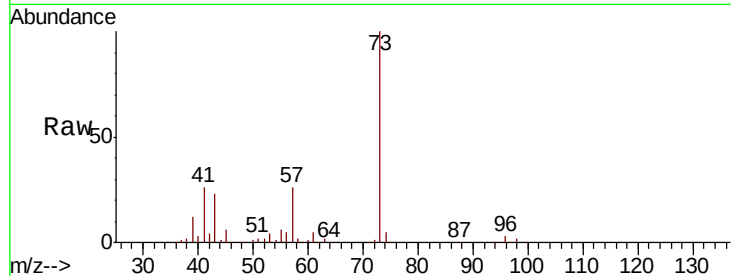




#19
Methyl tert-butyl Ether
Concen: 17.257 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX009880.D
Acq: 24 May 2019 12:40

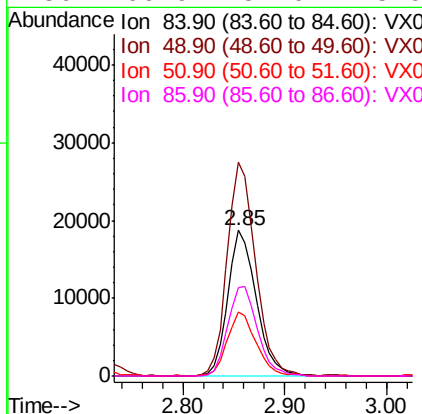
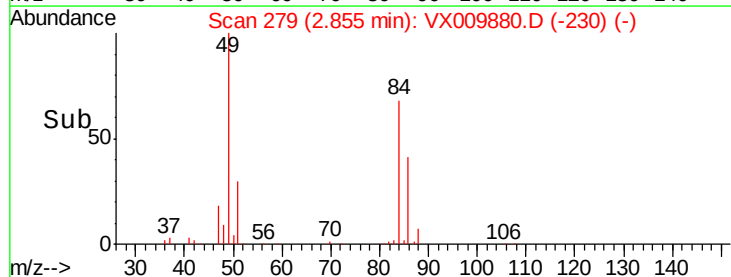
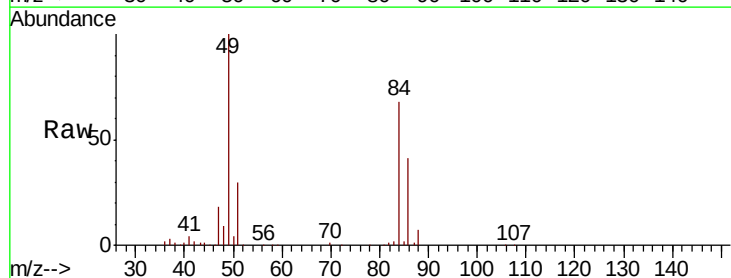
Instrument :
MSVOA_X
ClientSampleId :
VX0524MBS01

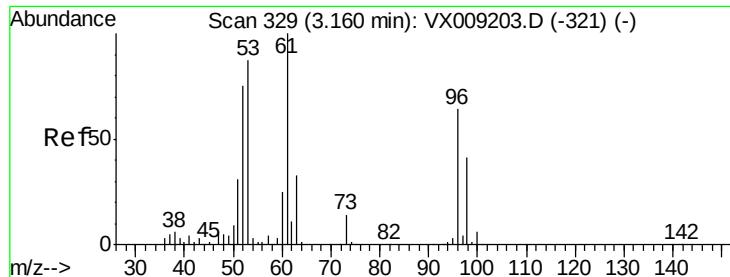
Tot Ion: 73 Resp: 114493
Ion Ratio Lower Upper
73 100
57 26.3 19.3 28.9



#20
Methylene Chloride
Concen: 16.755 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX009880.D
Acq: 24 May 2019 12:40

Tgt Ion: 84 Resp: 36210
Ion Ratio Lower Upper
84 100
49 146.7 109.9 164.9
51 44.4 32.7 49.1
86 60.9 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 17.193 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009880.D

Acq: 24 May 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

VX0524MBS01

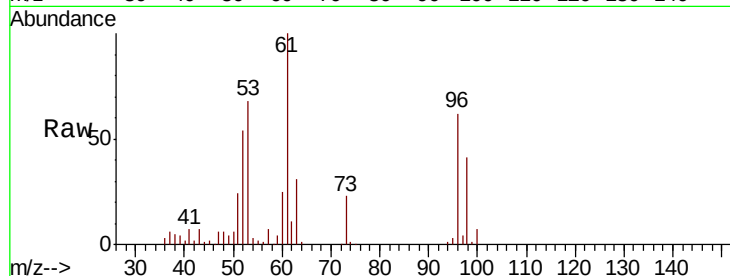
Tot Ion: 96 Resp: 31857

Ion Ratio Lower Upper

96 100

61 161.1 124.5 186.7

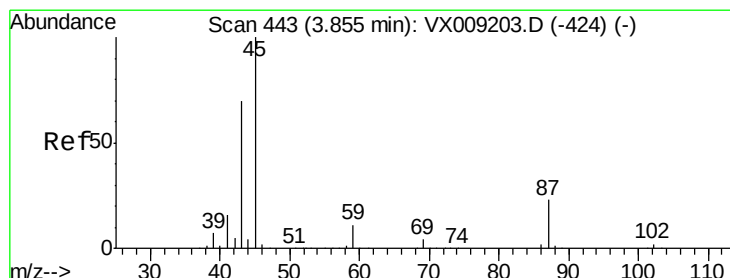
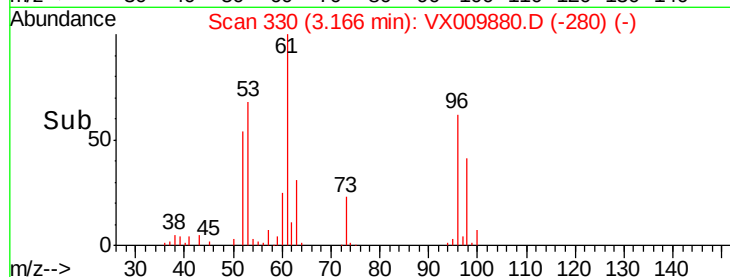
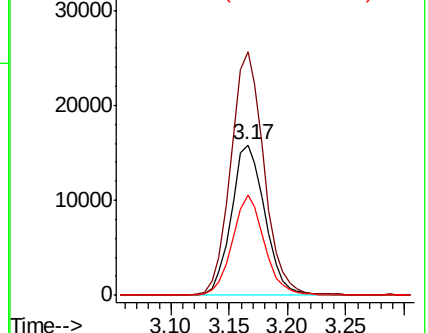
98 66.6 50.4 75.6



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: 17.971 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX009880.D

Acq: 24 May 2019 12:40

Tgt Ion: 45 Resp: 143902

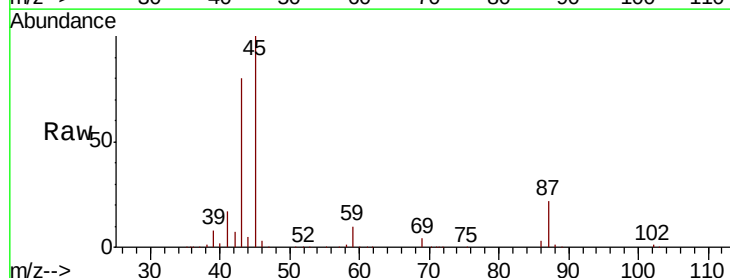
Ion Ratio Lower Upper

45 100

43 80.4 56.1 84.1

87 22.1 18.1 27.1

59 10.3 8.5 12.7

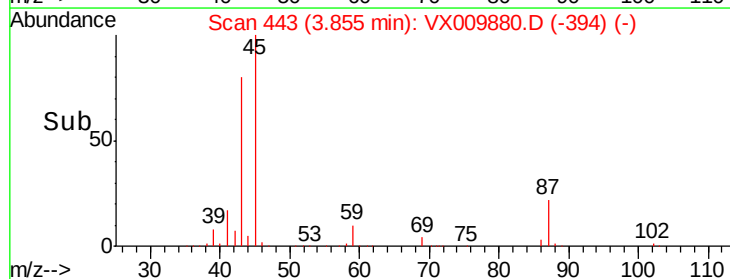
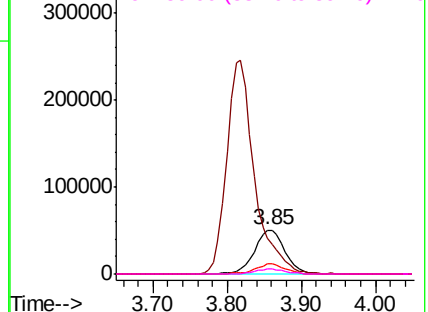


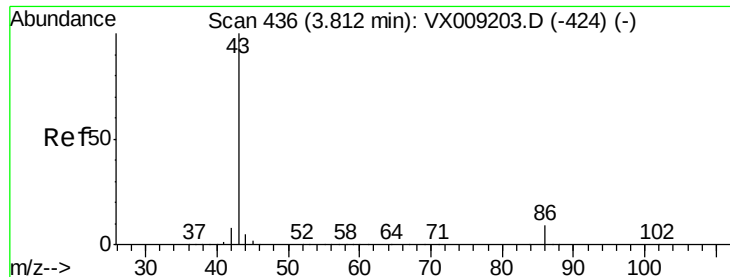
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 93.447 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.01 min

Lab File: VX009880.D

Acq: 24 May 2019 12:40

Instrument :

MSVOA_X

ClientSampled :

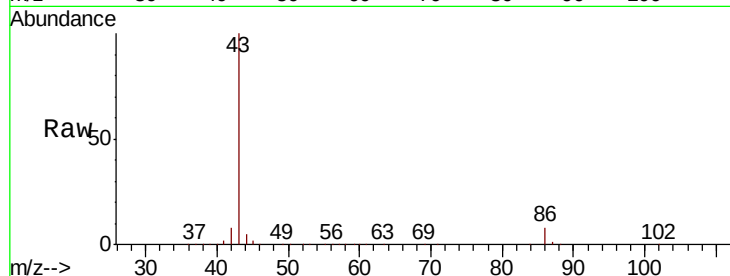
VX0524MBS01

Tot Ion: 43 Resp: 640743

Ion Ratio Lower Upper

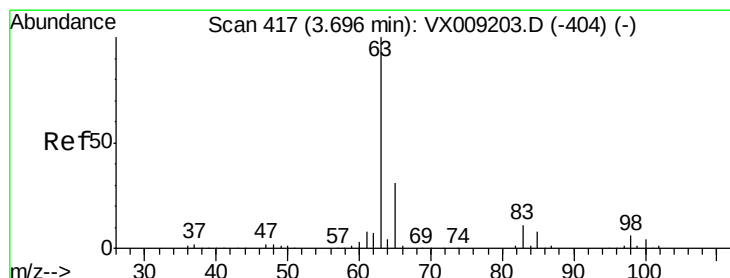
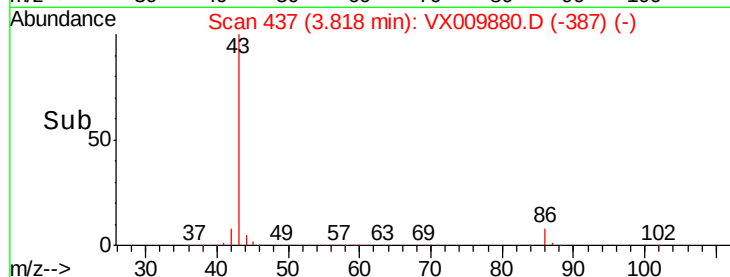
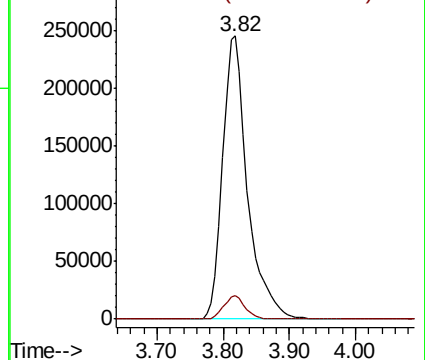
43 100

86 8.2 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 17.253 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX009880.D

Acq: 24 May 2019 12:40

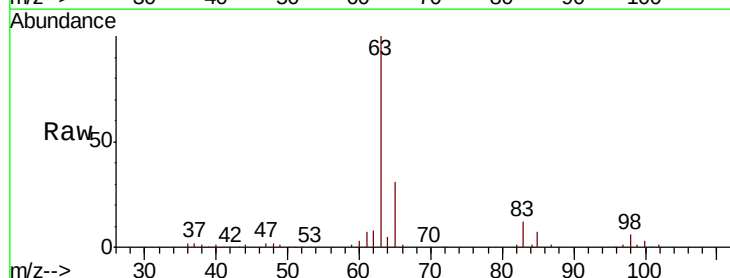
Tgt Ion: 63 Resp: 68150

Ion Ratio Lower Upper

63 100

98 6.2 3.0 9.2

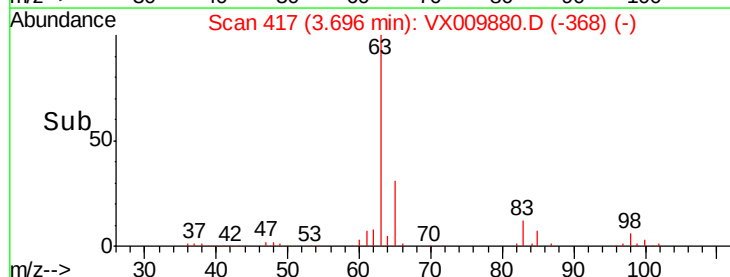
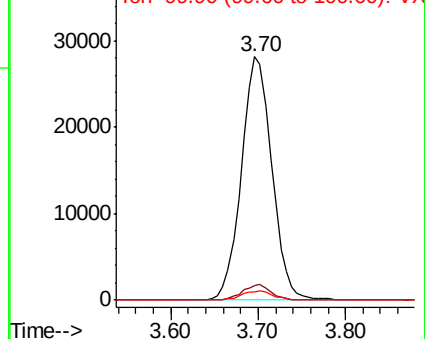
100 3.4 2.0 6.0

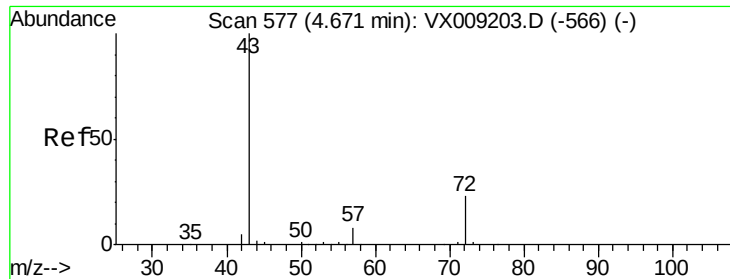


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 93.447 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX009880.D

Acq: 24 May 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

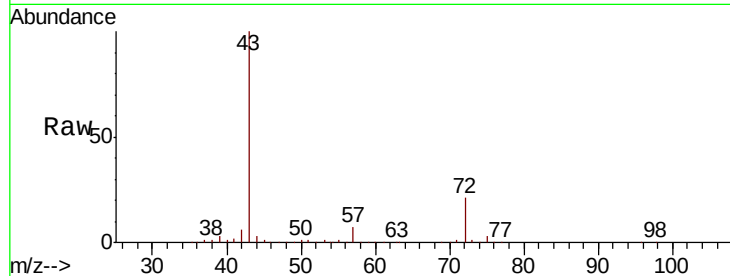
VX0524MBS01

Tot Ion: 43 Resp: 193825

Ion Ratio Lower Upper

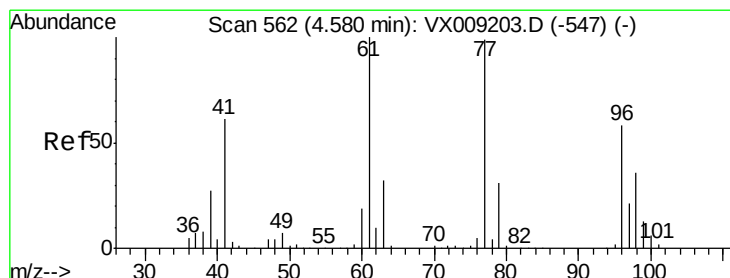
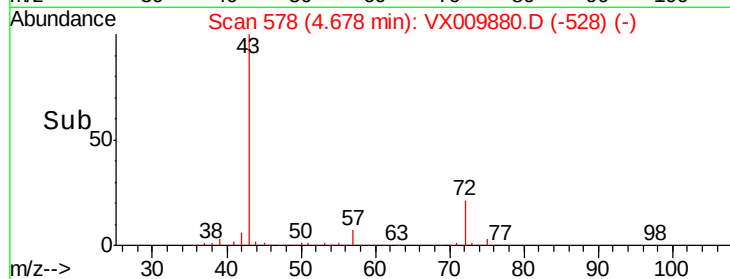
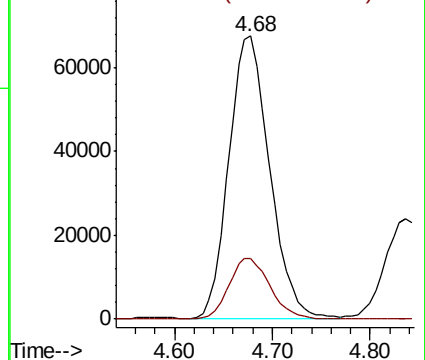
43 100

72 21.3 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: 16.801 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX009880.D

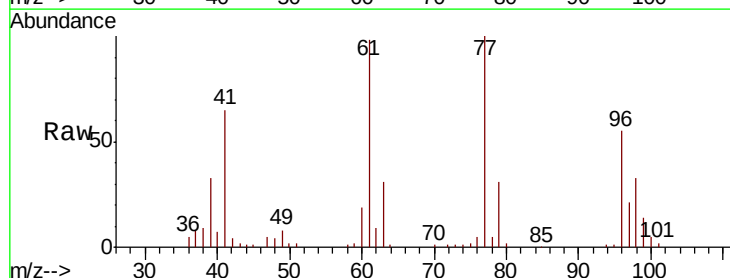
Acq: 24 May 2019 12:40

Tgt Ion: 77 Resp: 49400

Ion Ratio Lower Upper

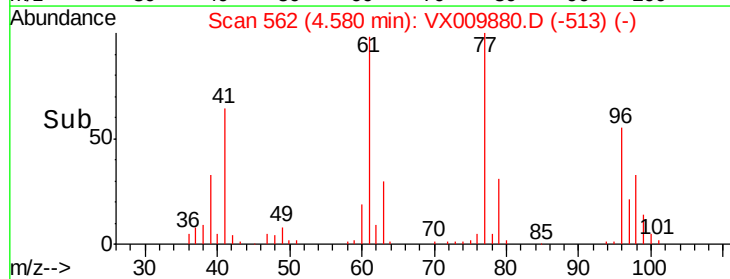
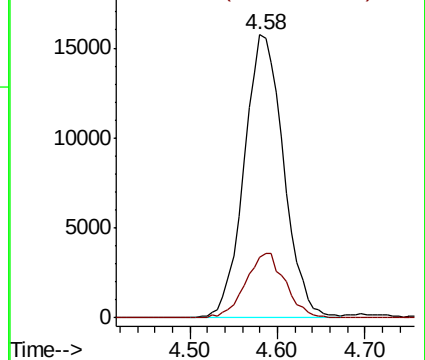
77 100

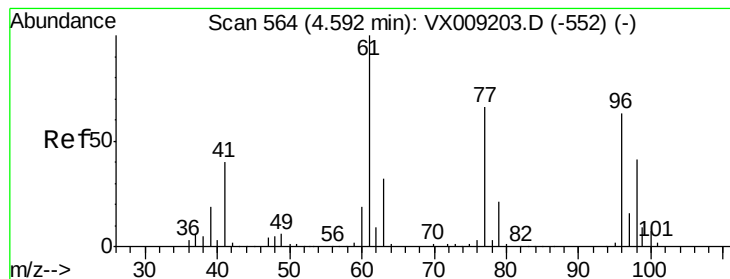
97 22.8 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



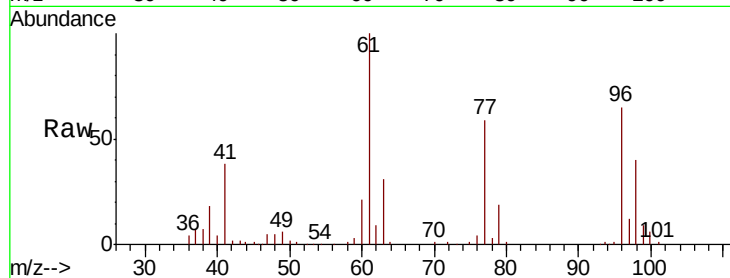


#27

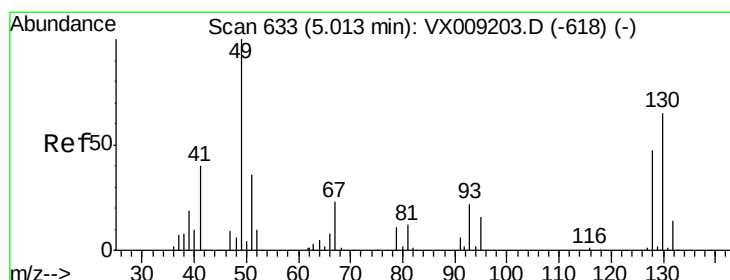
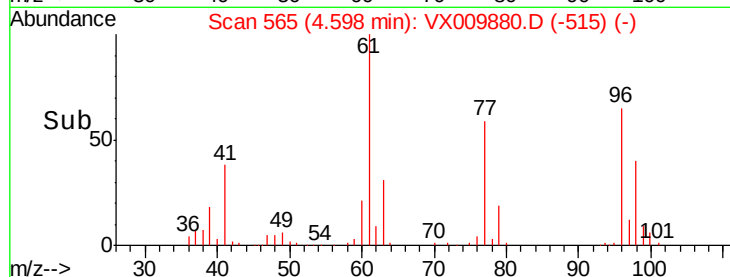
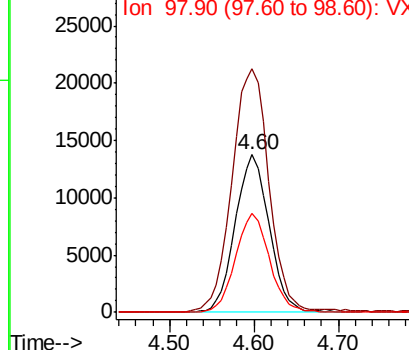
cis-1,2-Dichloroethene
 Concen: 17.001 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: VX009880.D
 Acq: 24 May 2019 12:40

Instrument :
 MSVOA_X
 ClientSampled :
 VX0524MBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	168.7	0.0	324.0
98	62.5	0.0	130.4



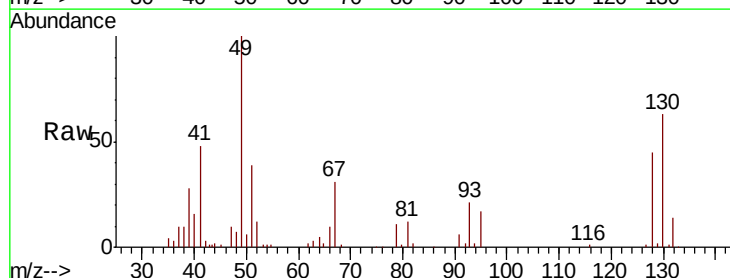
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



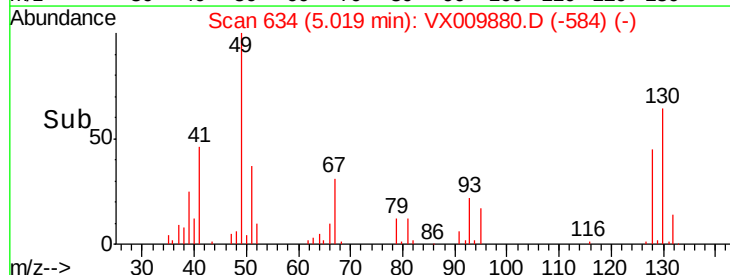
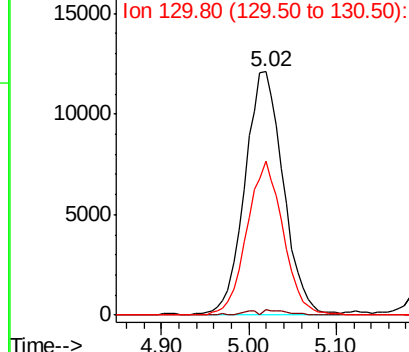
#28

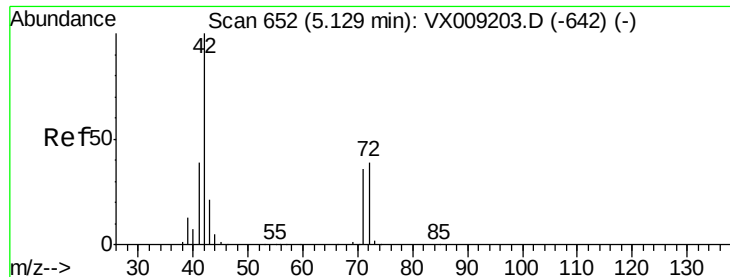
Bromochloromethane
 Concen: 21.715 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.01 min
 Lab File: VX009880.D
 Acq: 24 May 2019 12:40

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	3.8
130	59.6	51.2	76.8



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





#29

Tetrahydrofuran

Concen: 93.647 ug/l

RT: 5.13 min Scan# 653

Delta R.T. 0.01 min

Lab File: VX009880.D

Acq: 24 May 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

VX0524MBS01

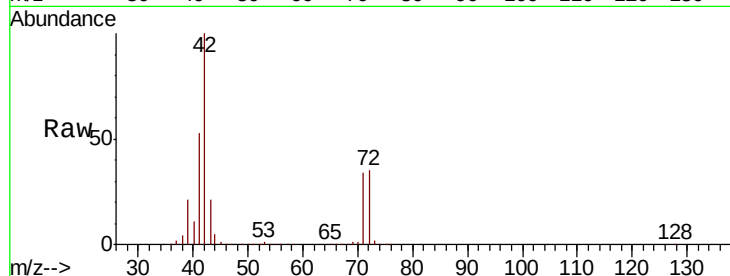
Tot Ion: 42 Resp: 124992

Ion Ratio Lower Upper

42 100

72 36.4 30.4 45.6

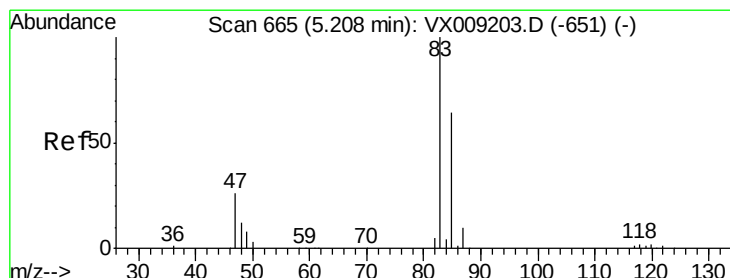
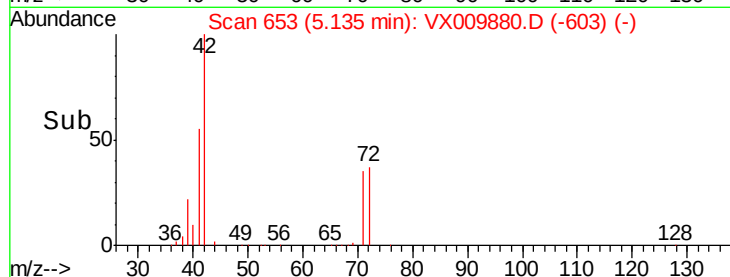
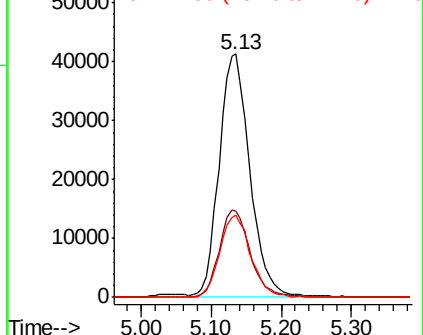
71 34.1 28.6 43.0



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 17.145 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.01 min

Lab File: VX009880.D

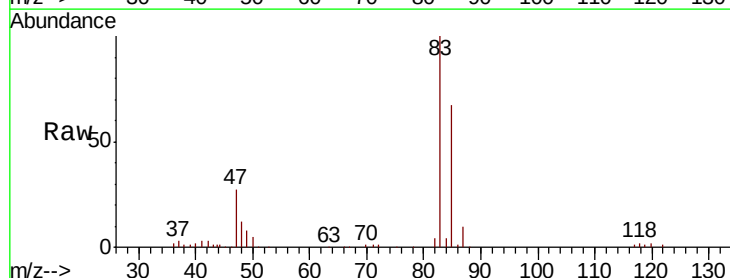
Acq: 24 May 2019 12:40

Tgt Ion: 83 Resp: 61251

Ion Ratio Lower Upper

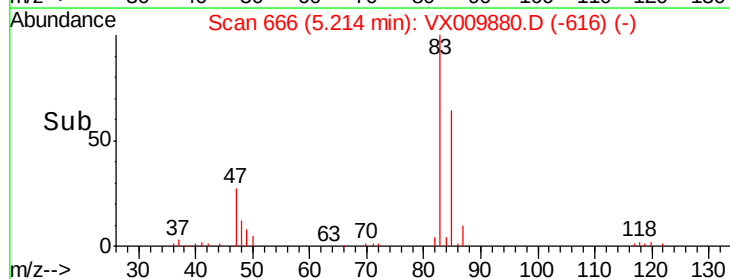
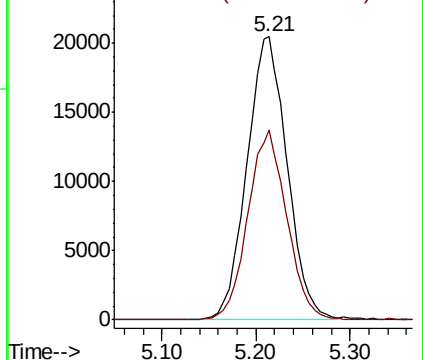
83 100

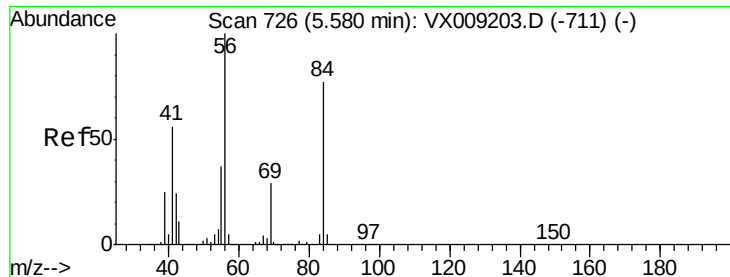
85 67.1 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

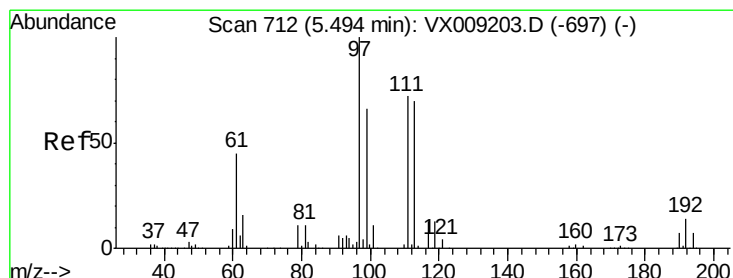
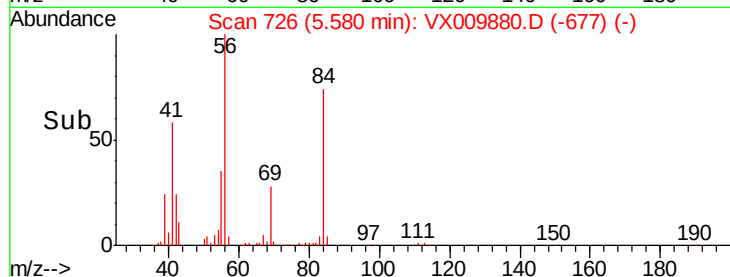
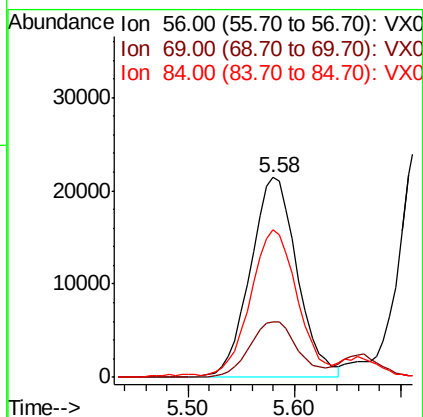
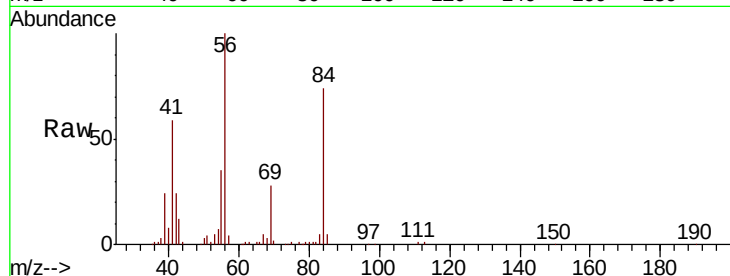




#31
Cyclohexane
Concen: 17.926 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX009880.D
Acq: 24 May 2019 12:40

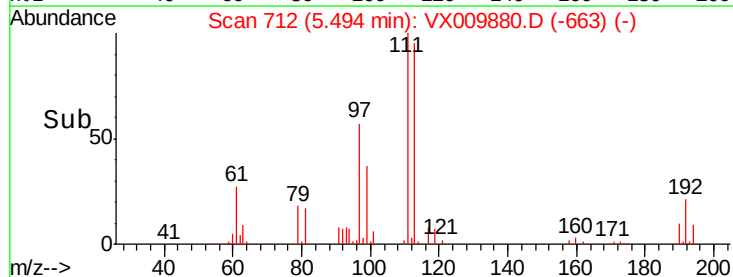
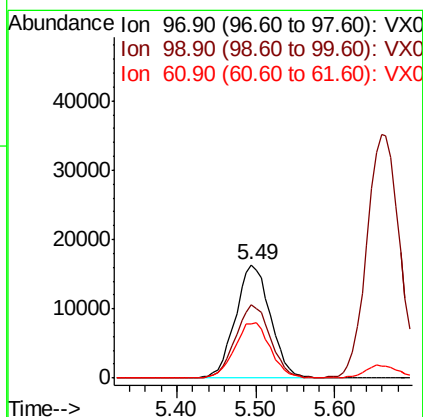
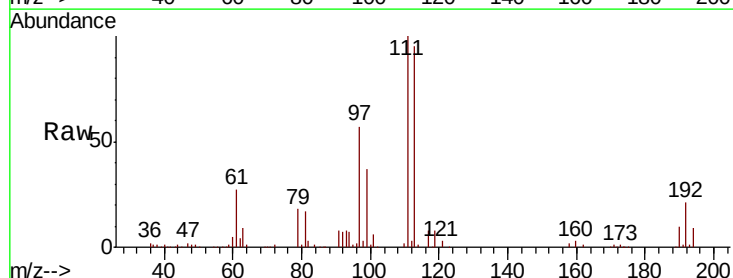
Instrument :
MSVOA_X
ClientSampleId :
VX0524MBS01

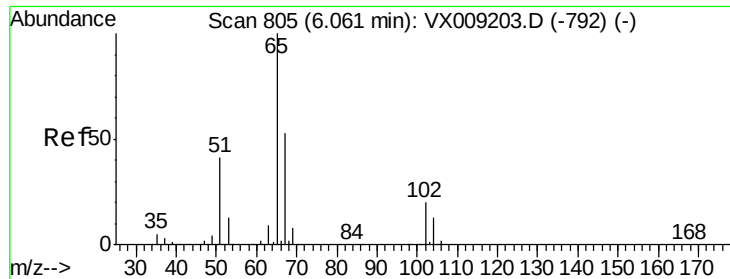
Tot Ion: 56 Resp: 65879
Ion Ratio Lower Upper
56 100
69 27.7 23.4 35.0
84 72.7 61.9 92.9



#32
1,1,1-Trichloroethane
Concen: 16.935 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX009880.D
Acq: 24 May 2019 12:40

Tgt Ion: 97 Resp: 50366
Ion Ratio Lower Upper
97 100
99 64.4 51.8 77.8
61 49.8 37.8 56.8

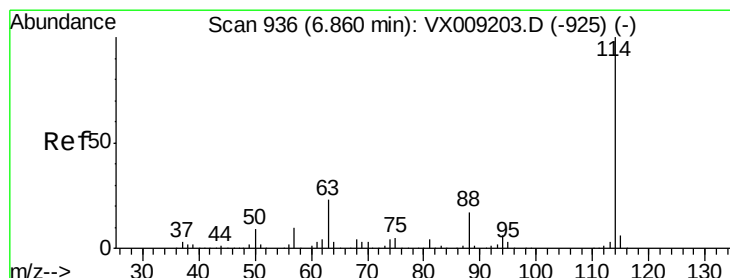
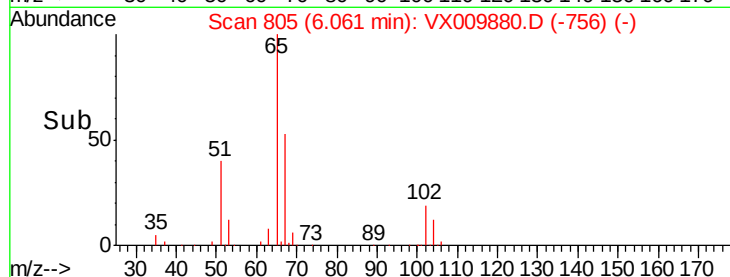
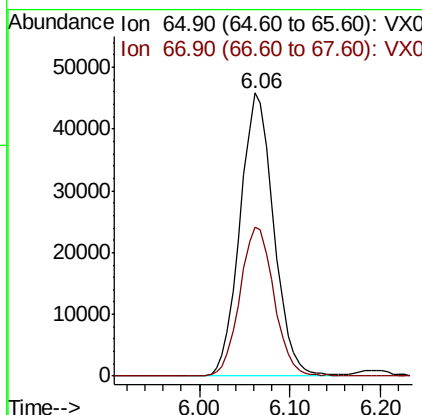
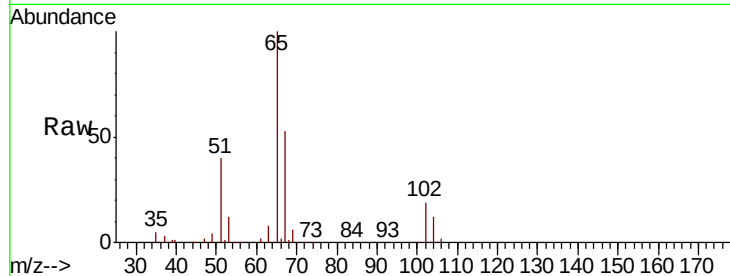




#33
 1,2-Dichloroethane-d4
 Concen: 47.485 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009880.D
 Acq: 24 May 2019 12:40

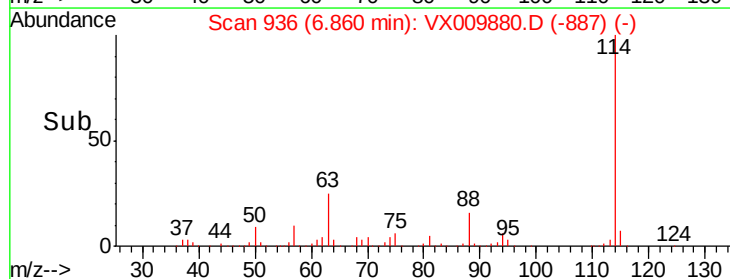
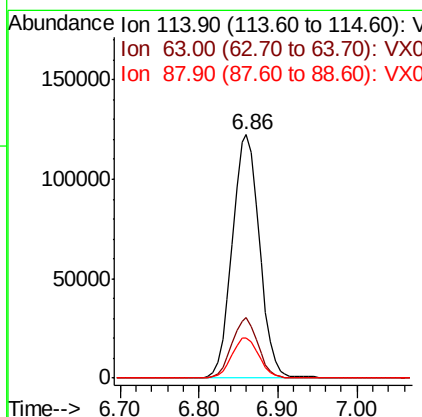
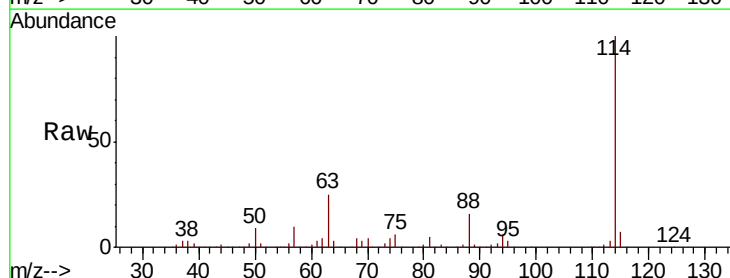
Instrument :
 MSVOA_X
 ClientSampled :
 VX0524MBS01

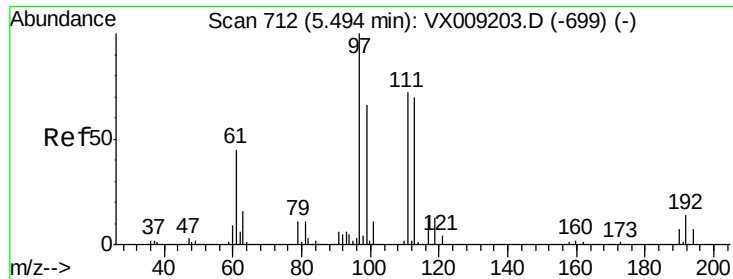
Tot Ion: 65 Resp: 118035
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009880.D
 Acq: 24 May 2019 12:40

Tgt Ion: 114 Resp: 294620
 Ion Ratio Lower Upper
 114 100
 63 24.7 0.0 45.6
 88 16.5 0.0 33.2

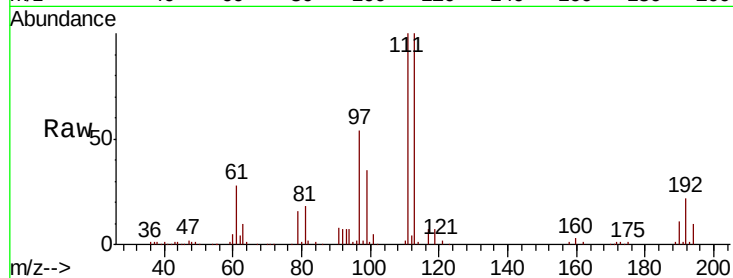




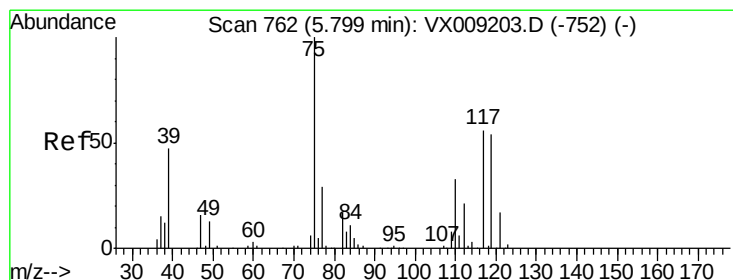
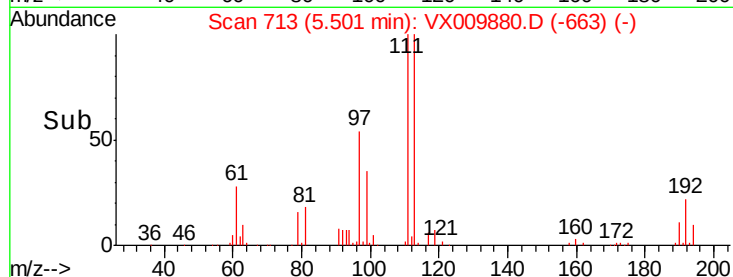
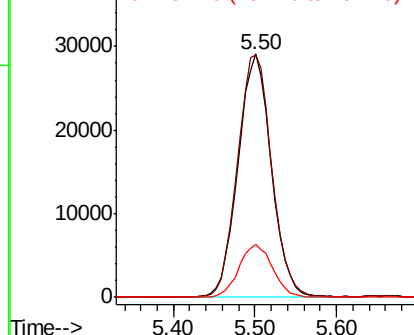
#35
 Dibromofluoromethane
 Concen: 44.389 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009880.D
 Acq: 24 May 2019 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0524MBS01

Tot Ion:113 Resp: 82213
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.8 124.2
 192 21.9 17.0 25.6

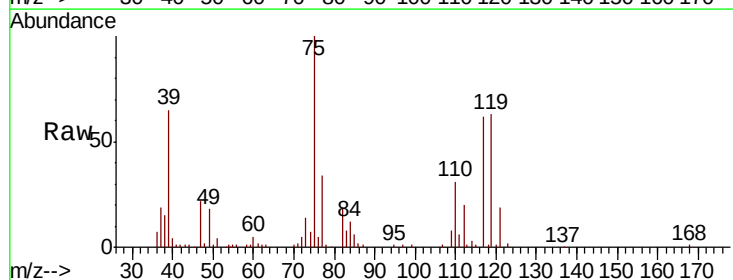


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

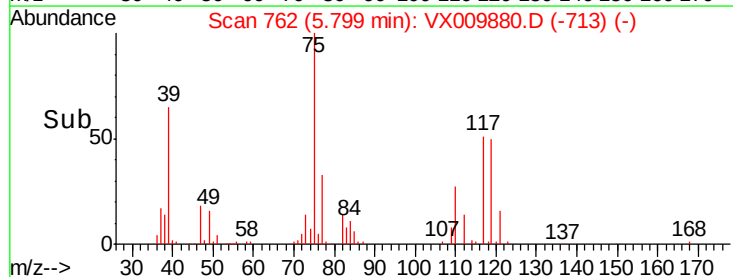
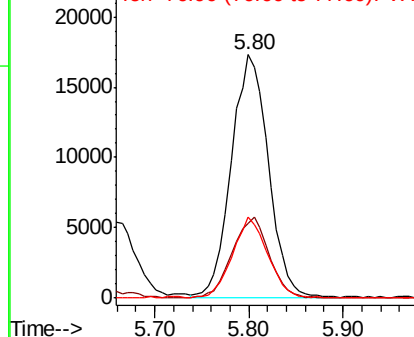


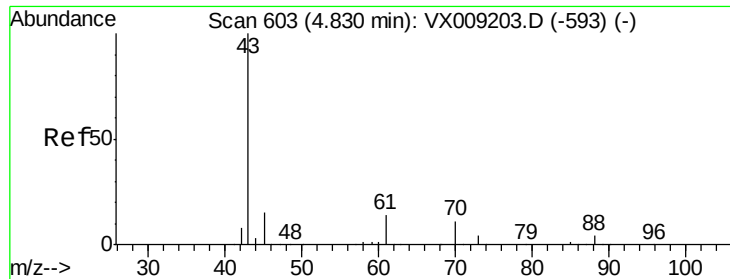
#36
 1,1-Dichloropropene
 Concen: 17.198 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX009880.D
 Acq: 24 May 2019 12:40

Tgt Ion: 75 Resp: 47086
 Ion Ratio Lower Upper
 75 100
 110 33.5 16.9 50.6
 77 31.8 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

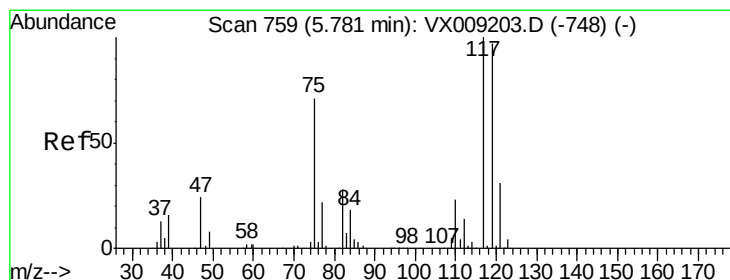
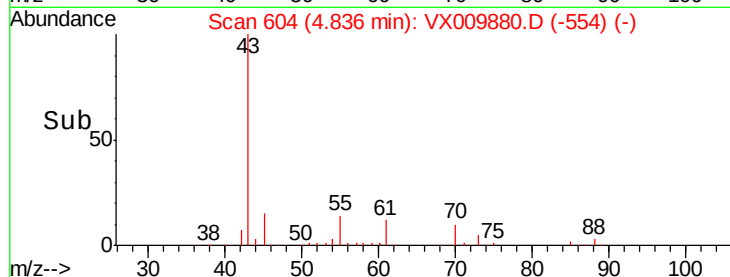
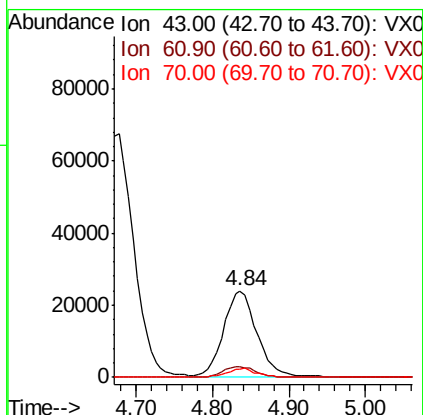
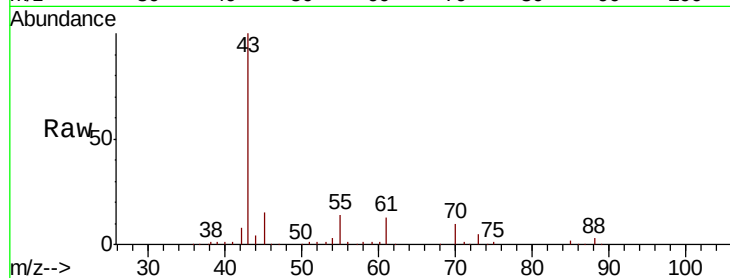




#37
Ethyl Acetate
Concen: 18.783 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX009880.D
Acq: 24 May 2019 12:40

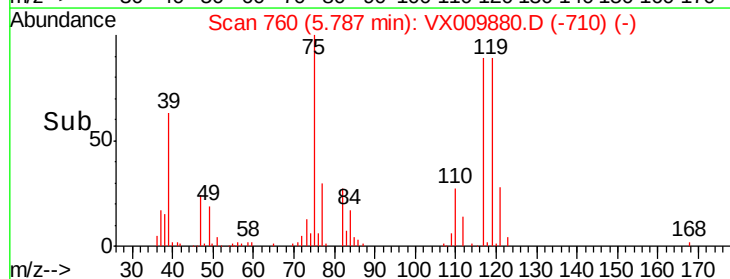
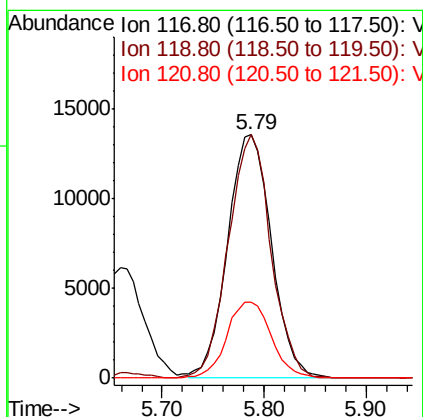
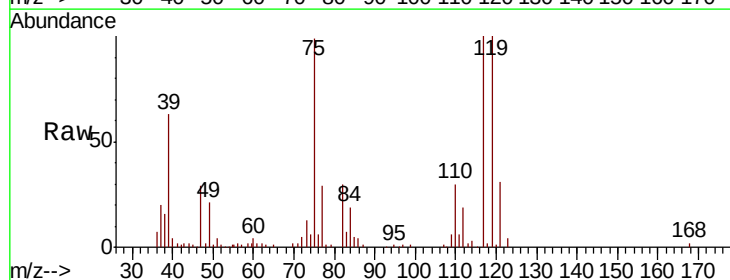
Instrument :
MSVOA_X
ClientSampleId :
VX0524MBS01

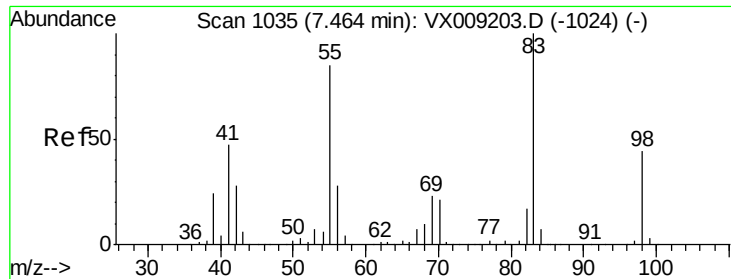
Tot Ion: 43 Resp: 71652
Ion Ratio Lower Upper
43 100
61 11.9 10.5 15.7
70 9.5 7.9 11.9



#38
Carbon Tetrachloride
Concen: 16.331 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX009880.D
Acq: 24 May 2019 12:40

Tgt Ion: 117 Resp: 40624
Ion Ratio Lower Upper
117 100
119 100.2 77.5 116.3
121 31.3 24.7 37.1

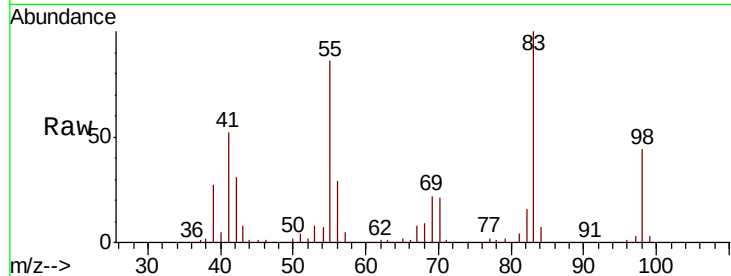




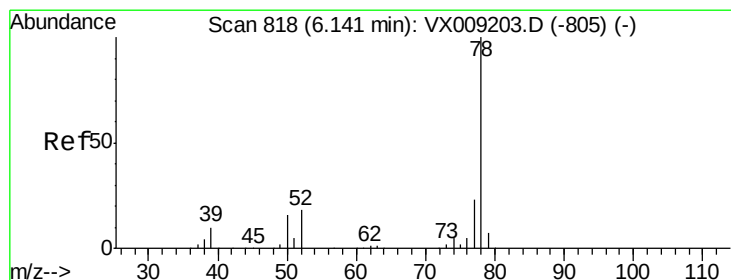
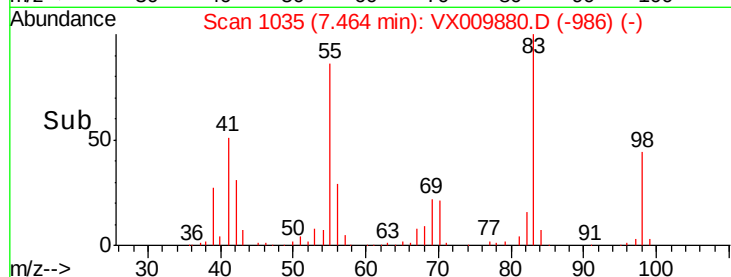
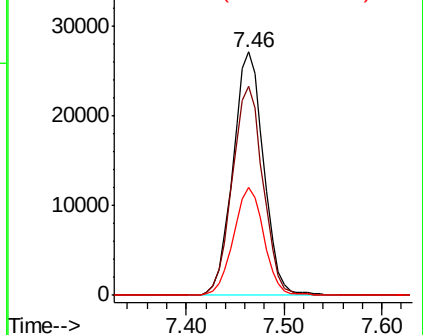
#39
Methylvlcyclohexane
Concen: 17.529 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX009880.D
Acq: 24 May 2019 12:40

Instrument :
MSVOA_X
ClientSampleId :
VX0524MBS01

Tot Ion: 83 Resp: 58941
Ion Ratio Lower Upper
83 100
55 85.6 67.7 101.5
98 44.2 35.5 53.3

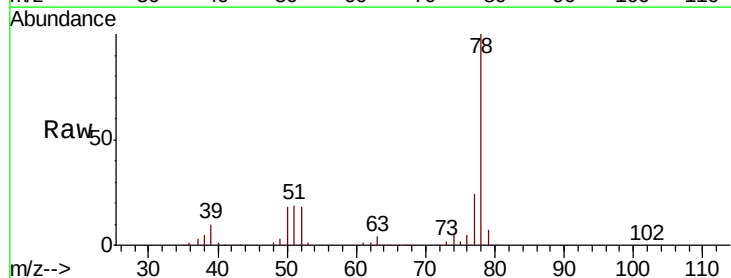


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

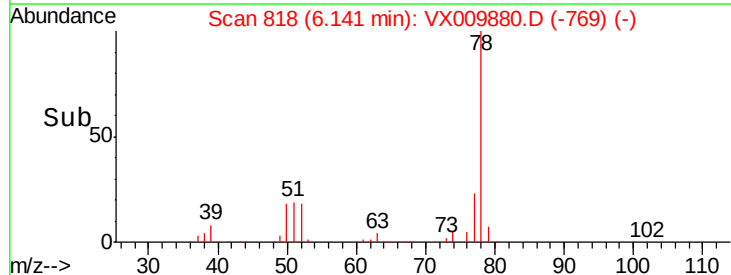
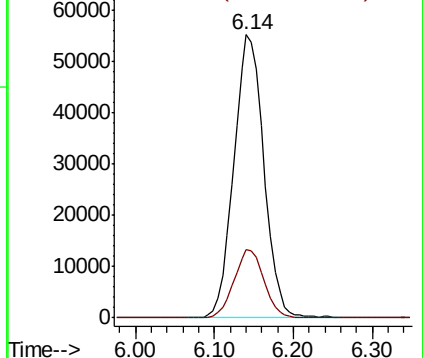


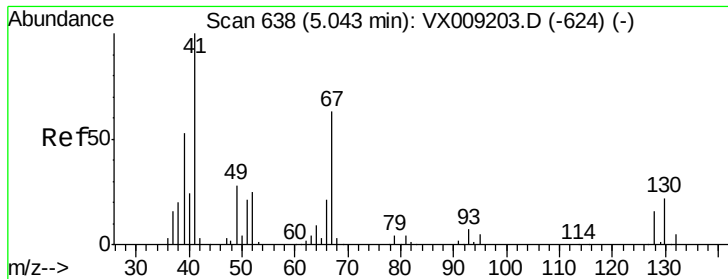
#40
Benzene
Concen: 17.189 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX009880.D
Acq: 24 May 2019 12:40

Tgt Ion: 78 Resp: 145652
Ion Ratio Lower Upper
78 100
77 24.0 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: 17.383 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX009880.D

Acq: 24 May 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

VX0524MBS01

Tot Ion: 41 Resp: 39473

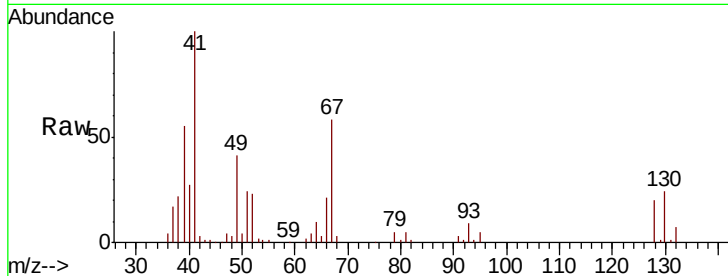
Ion Ratio Lower Upper

41 100

39 55.2 42.0 63.0

67 61.8 49.8 74.8

52 27.3 20.3 30.5

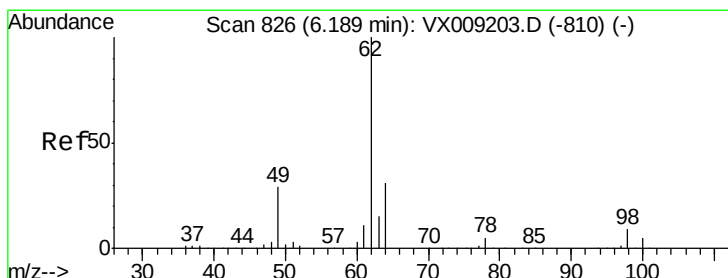
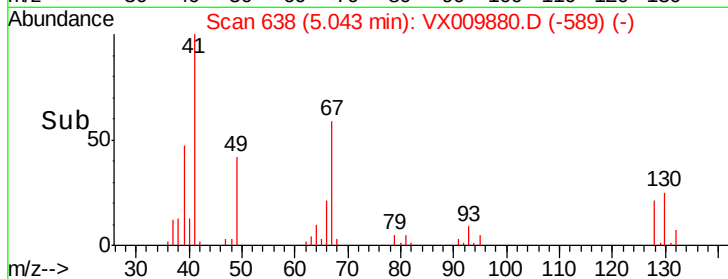
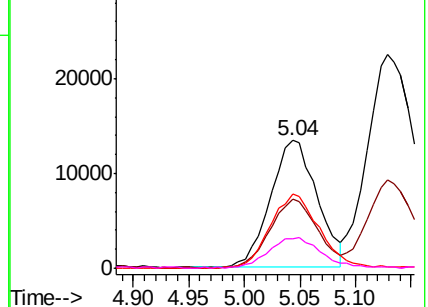


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 18.141 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.01 min

Lab File: VX009880.D

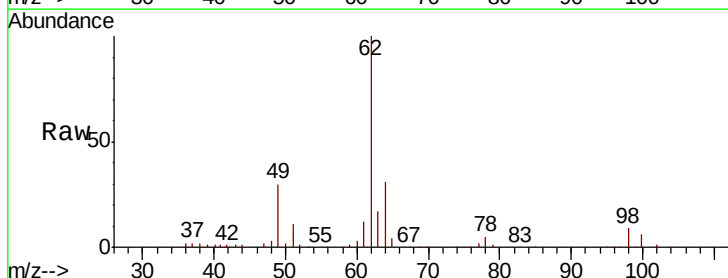
Acq: 24 May 2019 12:40

Tgt Ion: 62 Resp: 55140

Ion Ratio Lower Upper

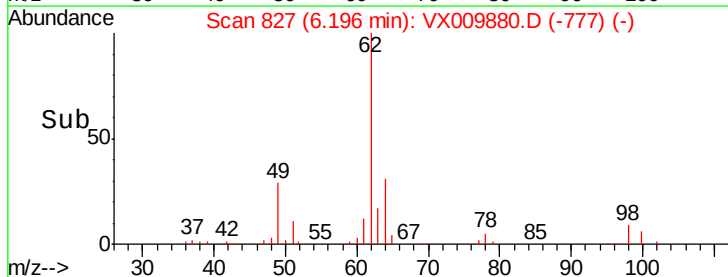
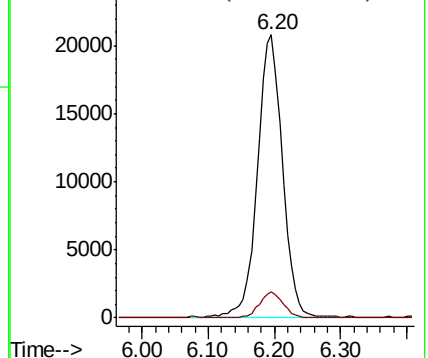
62 100

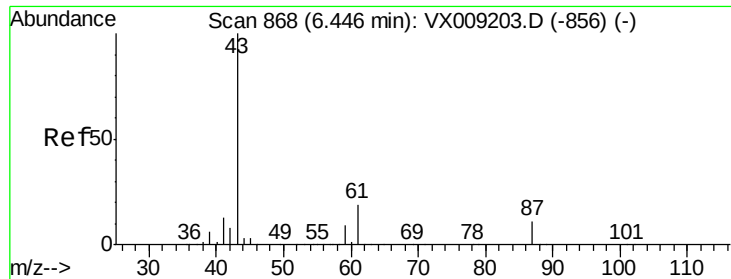
98 8.8 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 18.140 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX009880.D

Acq: 24 May 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

VX0524MBS01

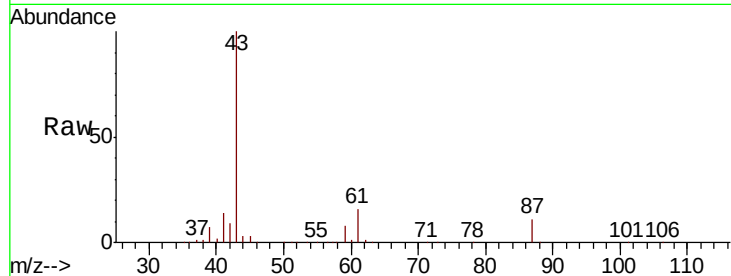
Tot Ion: 43 Resp: 110686

Ion Ratio Lower Upper

43 100

61 18.3 15.1 22.7

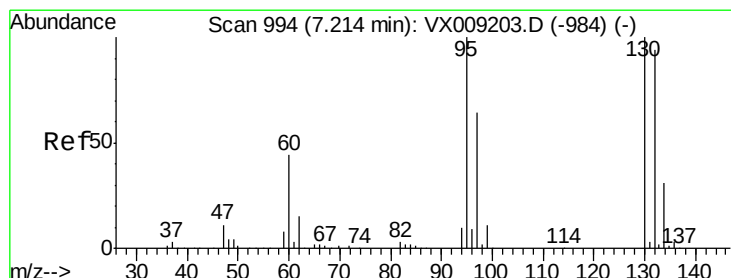
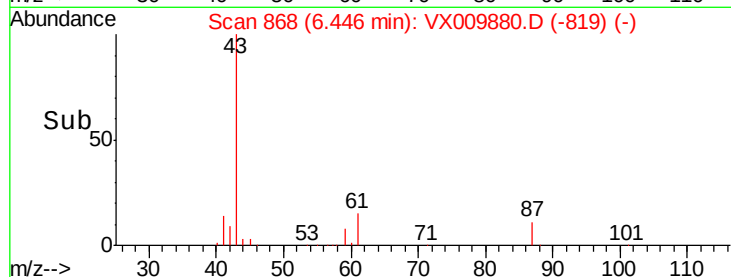
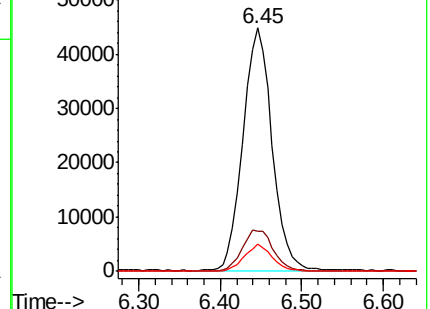
87 10.7 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 16.610 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX009880.D

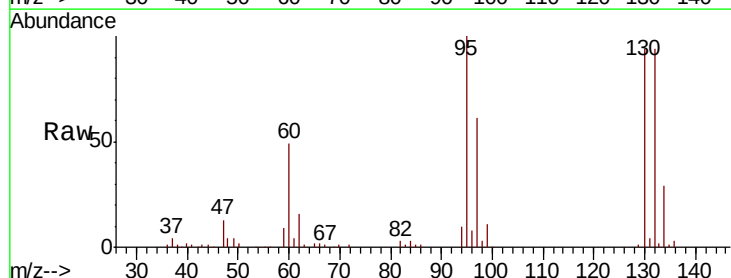
Acq: 24 May 2019 12:40

Tgt Ion:130 Resp: 34025

Ion Ratio Lower Upper

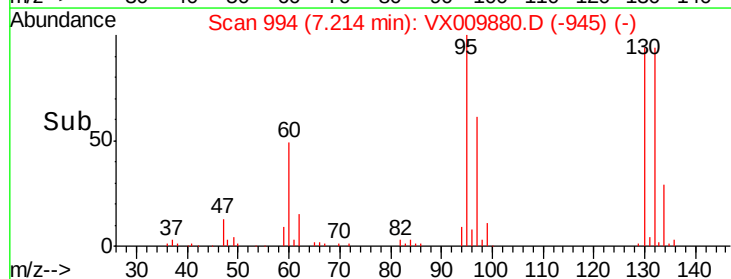
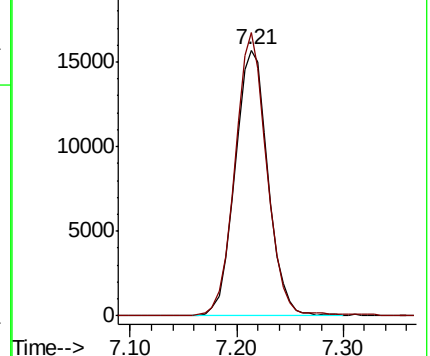
130 100

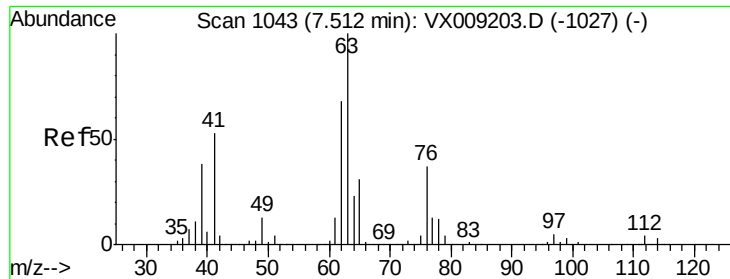
95 106.5 0.0 199.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

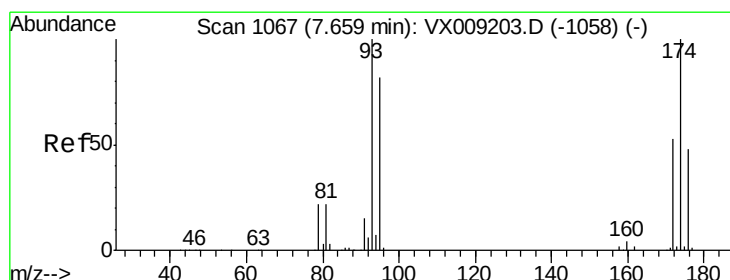
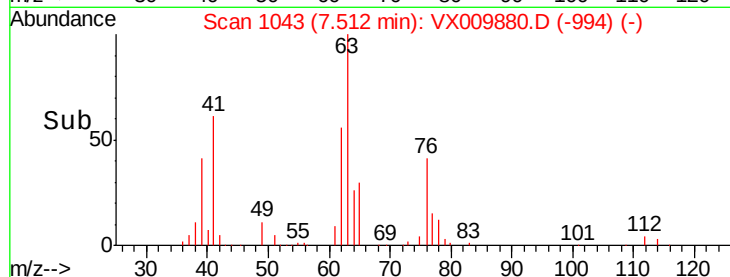
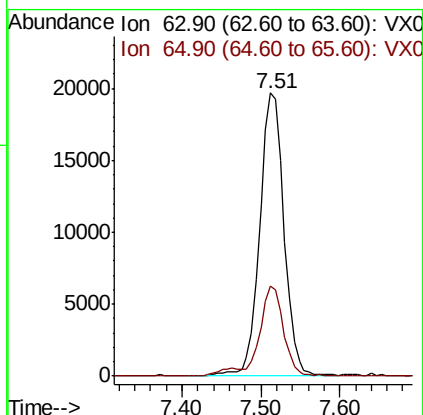
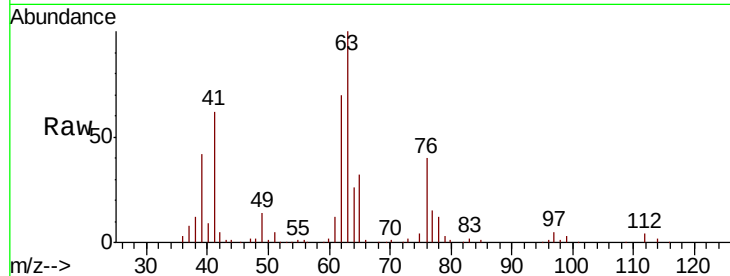




#45
 1,2-Dichloropropane
 Concen: 17.562 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX009880.D
 Acq: 24 May 2019 12:40

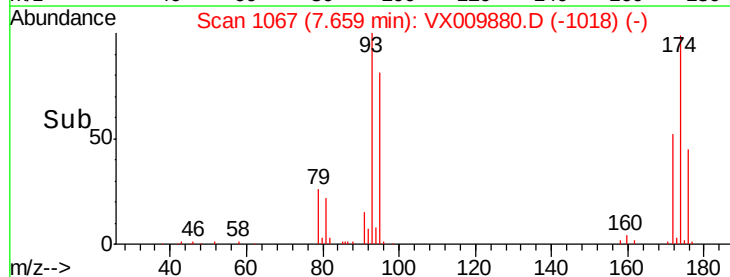
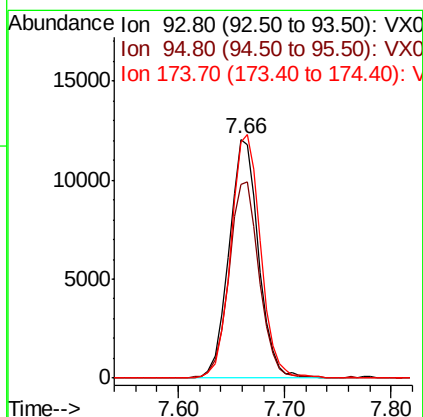
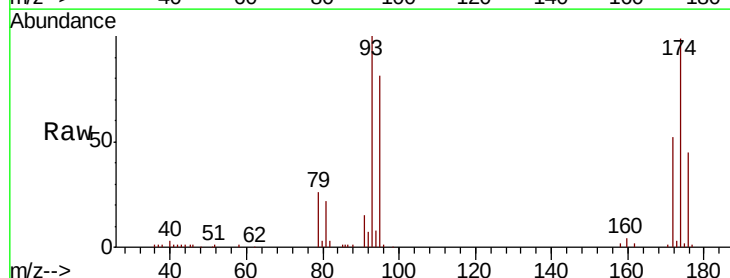
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0524MBS01

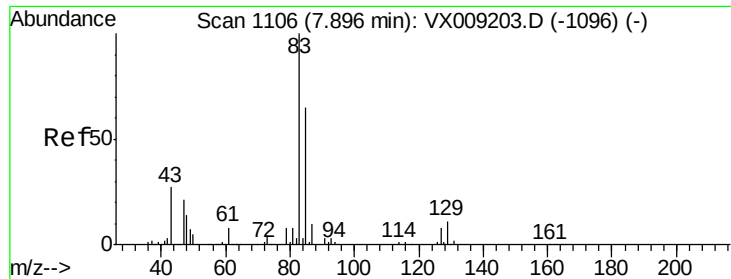
Tot Ion: 63 Resp: 42138
 Ion Ratio Lower Upper
 63 100
 65 31.9 25.0 37.6



#46
 Dibromomethane
 Concen: 16.851 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX009880.D
 Acq: 24 May 2019 12:40

Tgt Ion: 93 Resp: 23479
 Ion Ratio Lower Upper
 93 100
 95 83.9 66.5 99.7
 174 102.8 82.1 123.1

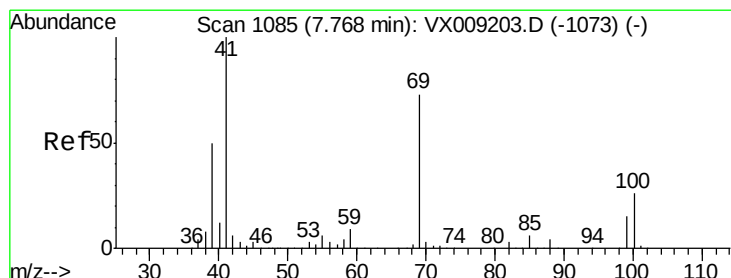
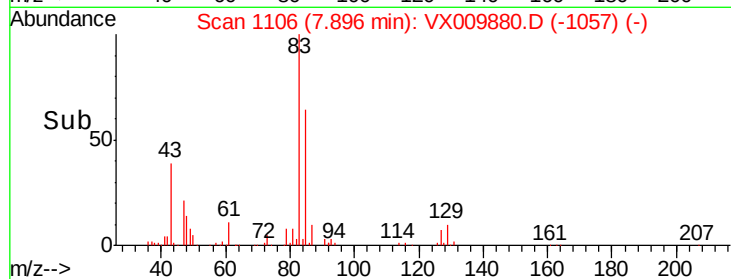
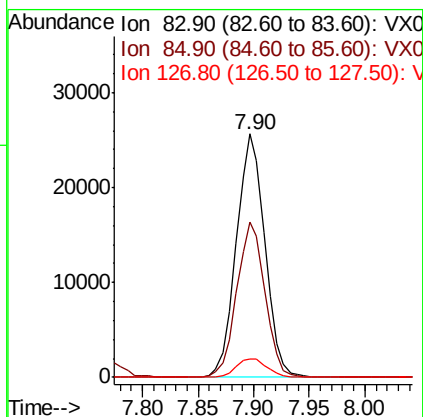
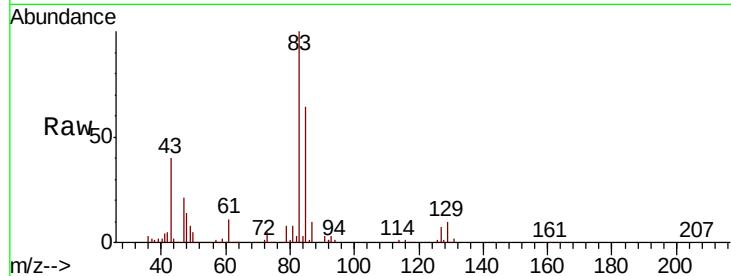




#47
 Bromodichloromethane
 Concen: 16.366 ug/l
 RT: 7.90 min Scan# 1106
 Delta R.T. 0.00 min
 Lab File: VX009880.D
 Acq: 24 May 2019 12:40

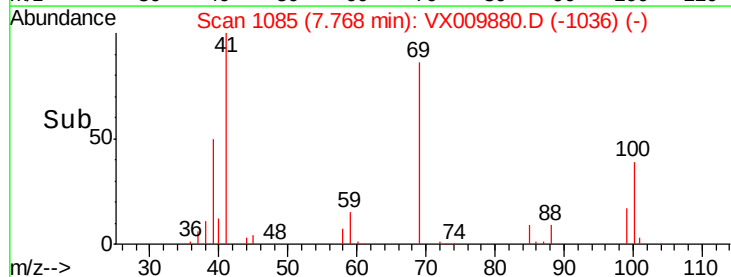
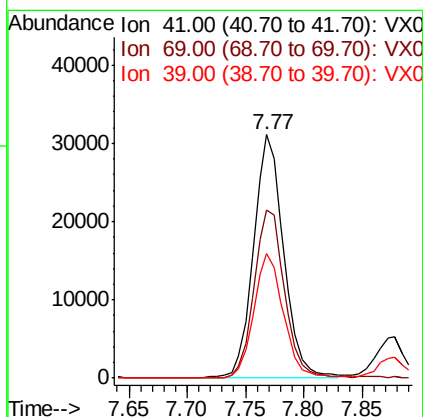
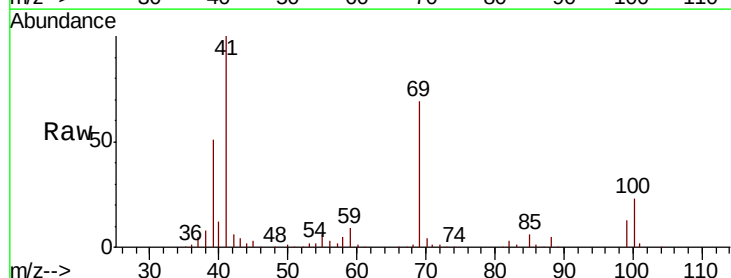
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0524MBS01

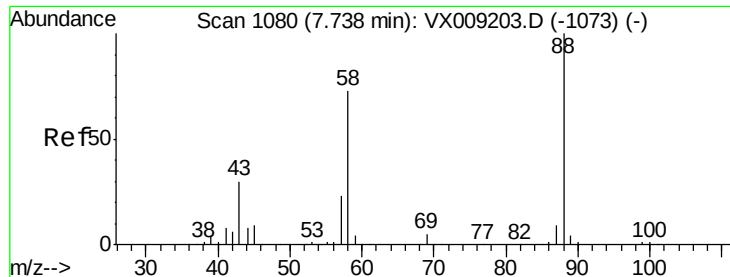
Tot Ion: 83 Resp: 45485
 Ion Ratio Lower Upper
 83 100
 85 63.6 52.4 78.6
 127 7.3 6.6 10.0



#48
 Methyl methacrylate
 Concen: 18.558 ug/l
 RT: 7.77 min Scan# 1085
 Delta R.T. 0.00 min
 Lab File: VX009880.D
 Acq: 24 May 2019 12:40

Tgt Ion: 41 Resp: 56182
 Ion Ratio Lower Upper
 41 100
 69 70.3 59.1 88.7
 39 50.1 40.4 60.6

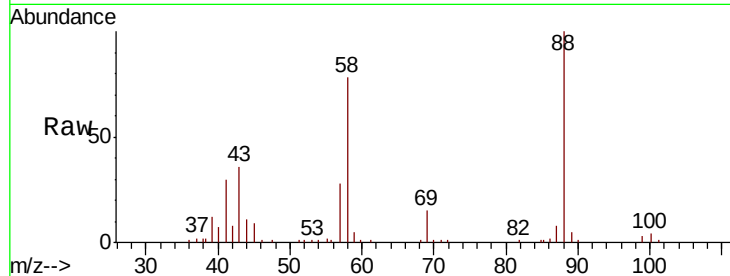




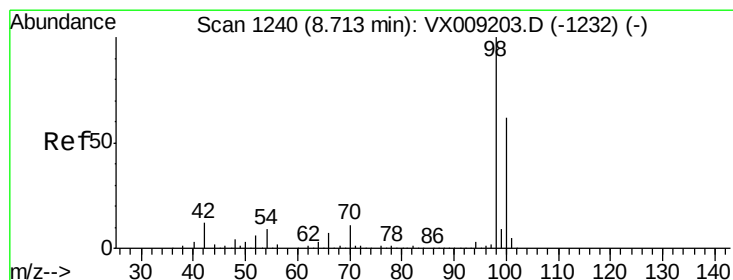
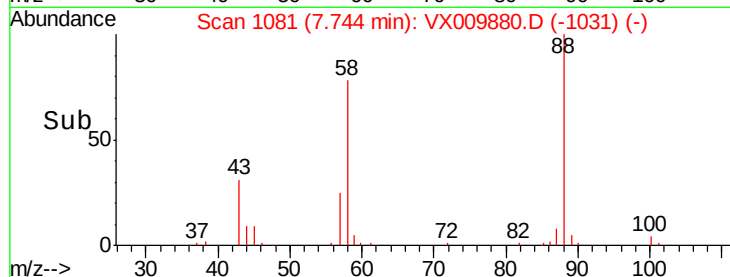
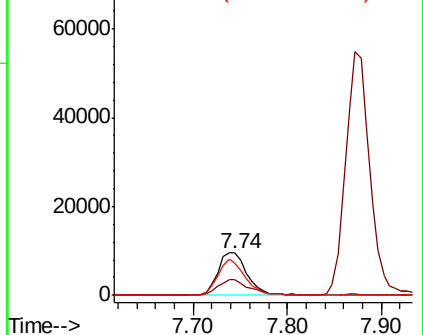
#49
1,4-Dioxane
Concen: 332.804 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX009880.D
Acq: 24 May 2019 12:40

Instrument :
MSVOA_X
ClientSampleId :
VX0524MBS01

Tot Ion: 88 Resp: 20432
Ion Ratio Lower Upper
88 100
43 42.8 28.6 42.8
58 81.9 61.7 92.5

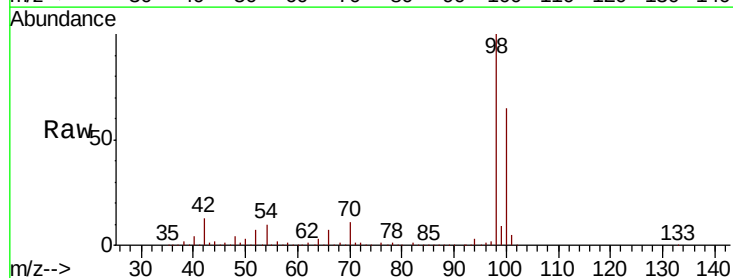


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

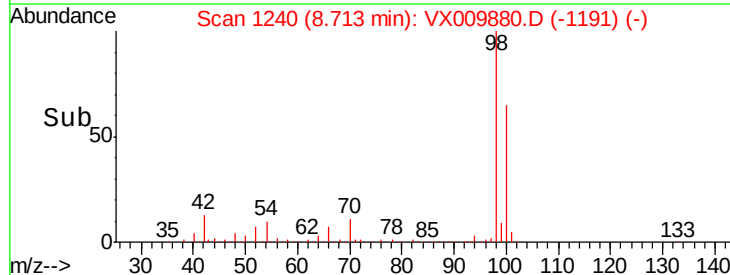
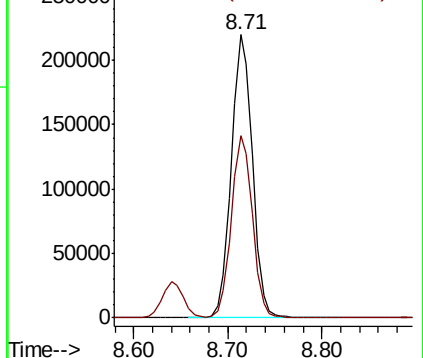


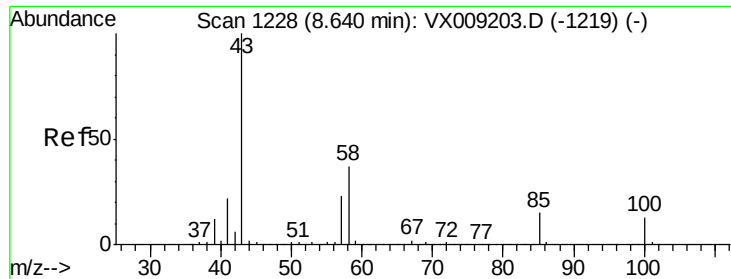
#50
Toluene-d8
Concen: 45.587 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009880.D
Acq: 24 May 2019 12:40

Tgt Ion: 98 Resp: 340870
Ion Ratio Lower Upper
98 100
100 64.4 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 92.992 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX009880.D

Acq: 24 May 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

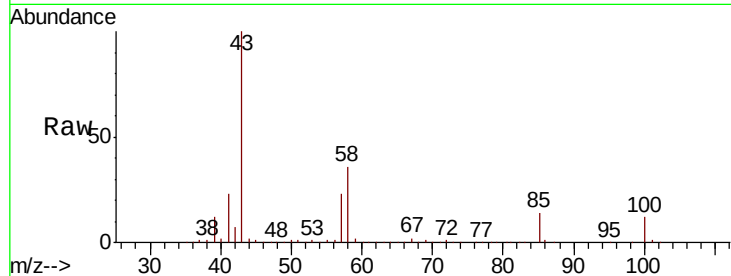
VX0524MBS01

Tot Ion: 43 Resp: 370883

Ion Ratio Lower Upper

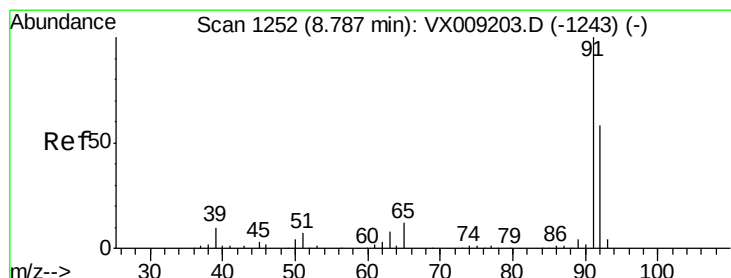
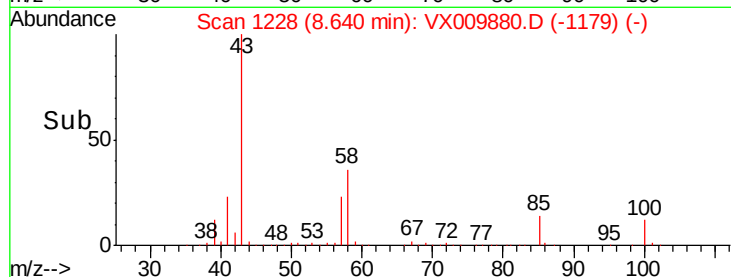
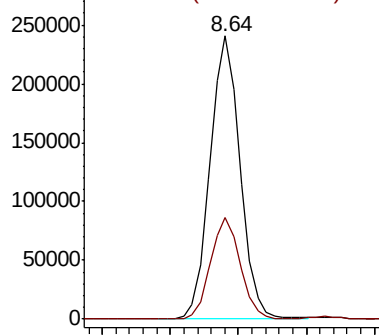
43 100

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



#52

Toluene

Concen: 17.275 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX009880.D

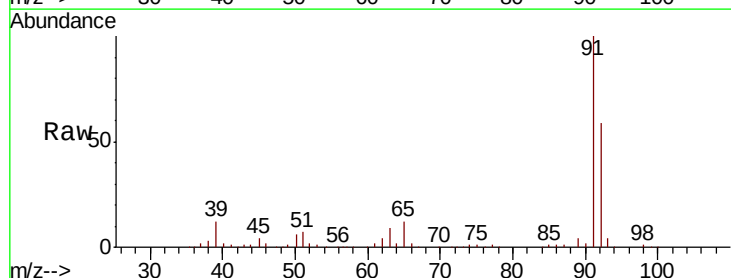
Acq: 24 May 2019 12:40

Tgt Ion: 92 Resp: 88981

Ion Ratio Lower Upper

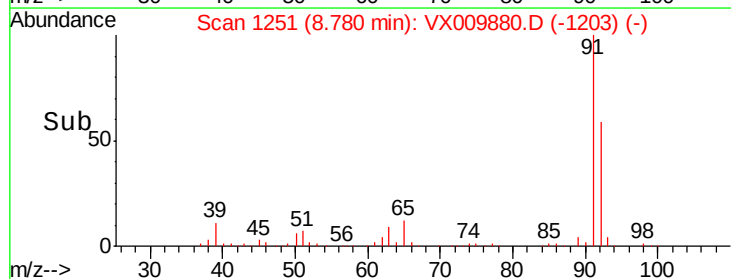
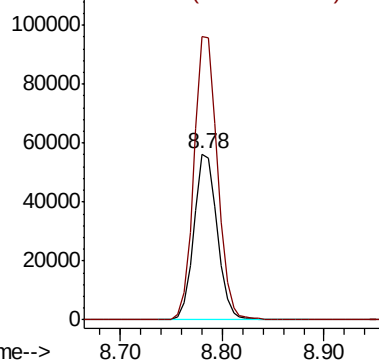
92 100

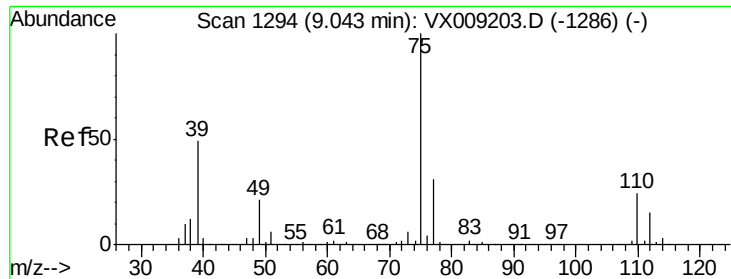
91 173.2 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

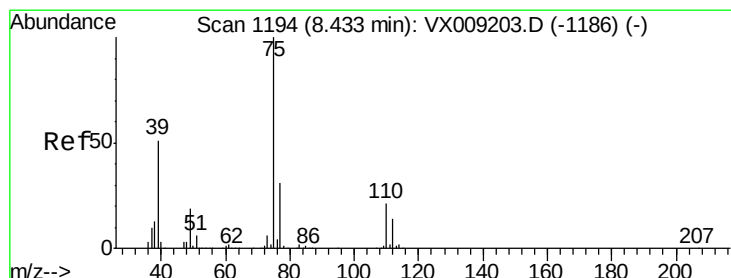
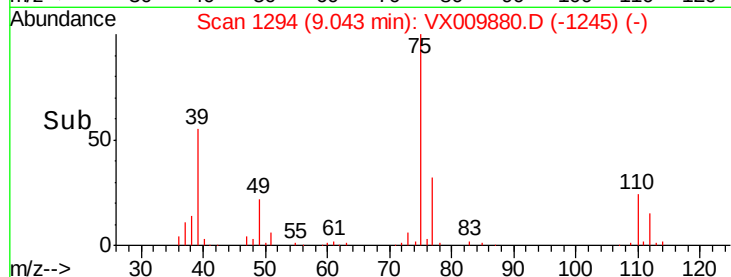
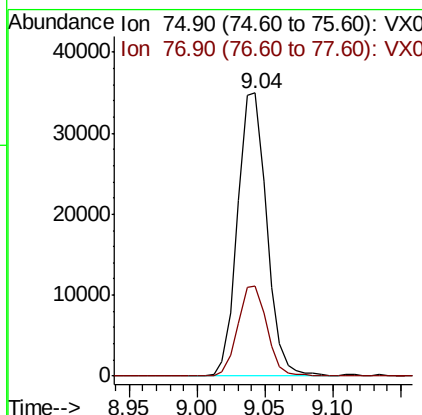
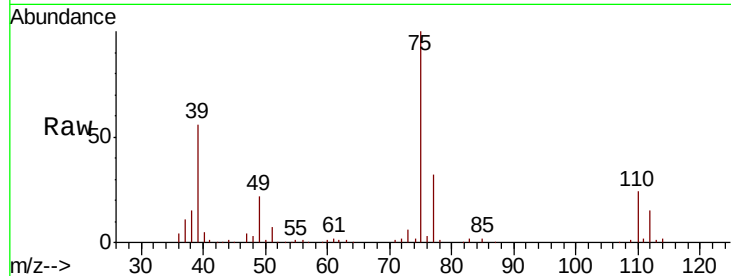




#53
t-1,3-Dichloropropene
Concen: 16.730 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX009880.D
Acq: 24 May 2019 12:40

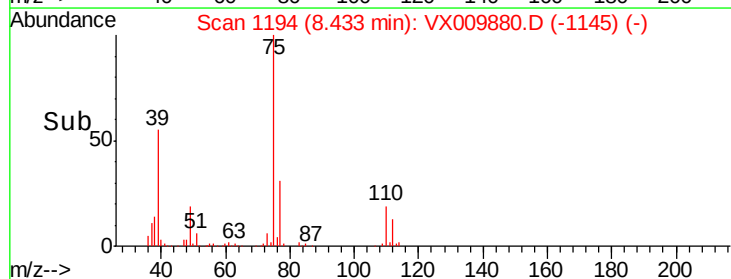
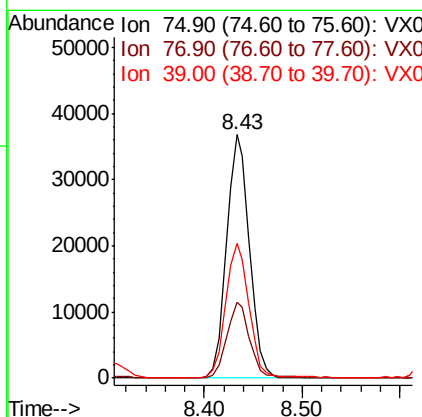
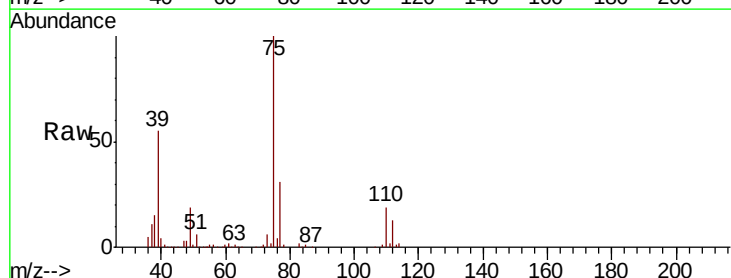
Instrument :
MSVOA_X
ClientSampleId :
VX0524MBS01

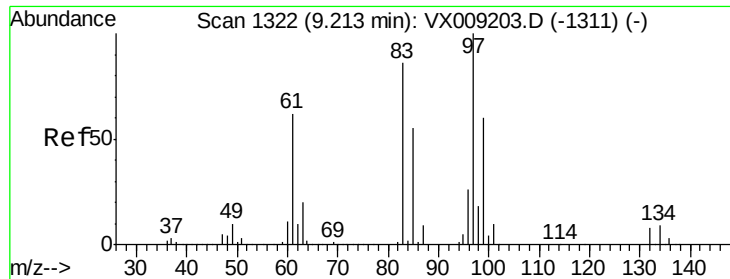
Tot Ion: 75 Resp: 52497
Ion Ratio Lower Upper
75 100
77 31.9 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 17.120 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX009880.D
Acq: 24 May 2019 12:40

Tgt Ion: 75 Resp: 59461
Ion Ratio Lower Upper
75 100
77 31.4 24.6 36.8
39 55.1 40.6 60.8

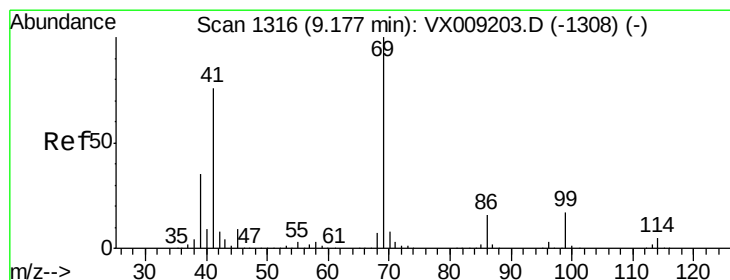
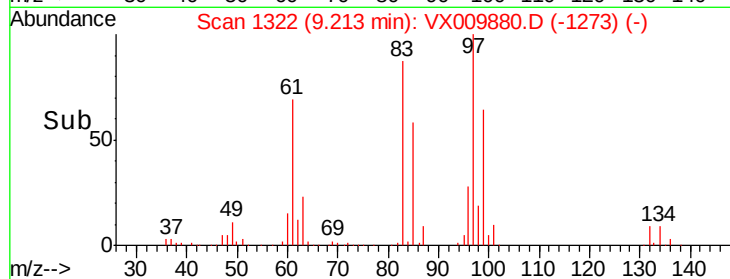
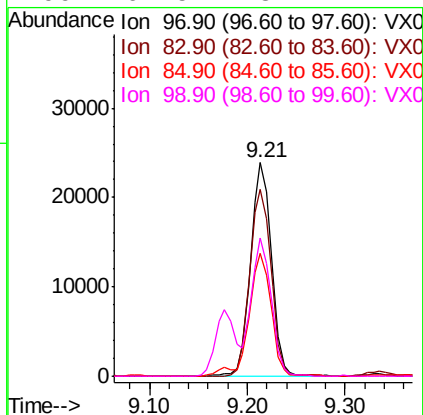
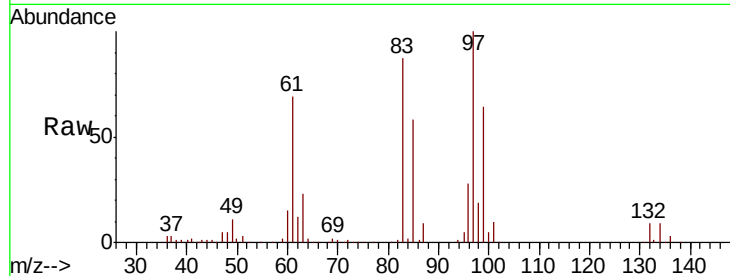




#55
 1,1,2-Trichloroethane
 Concen: 16.876 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX009880.D
 Acq: 24 May 2019 12:40

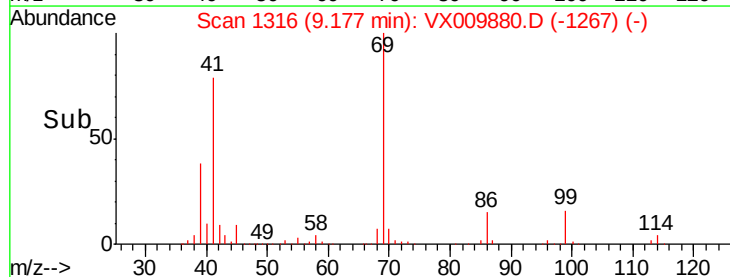
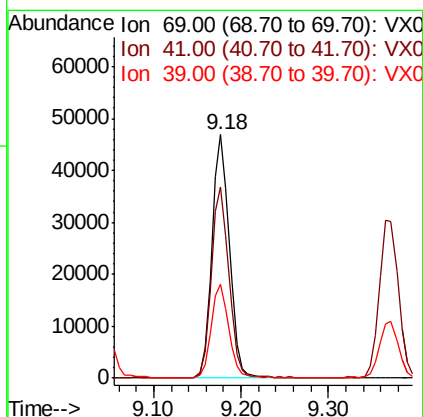
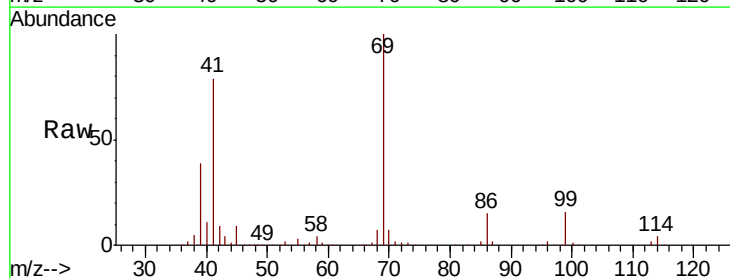
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0524MBS01

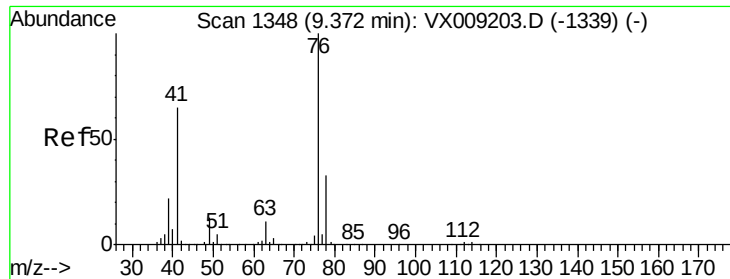
Tot Ion:	97	Resp:	35462
Ion	Ratio	Lower	Upper
97	100		
83	87.4	68.9	103.3
85	57.6	43.8	65.6
99	64.5	48.2	72.2



#56
 Ethyl methacrylate
 Concen: 17.381 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX009880.D
 Acq: 24 May 2019 12:40

Tgt Ion:	69	Resp:	65196
Ion	Ratio	Lower	Upper
69	100		
41	78.5	60.6	90.8
39	38.5	28.2	42.4





#57

1,3-Dichloropropane

Concen: 17.402 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX009880.D

Acq: 24 May 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

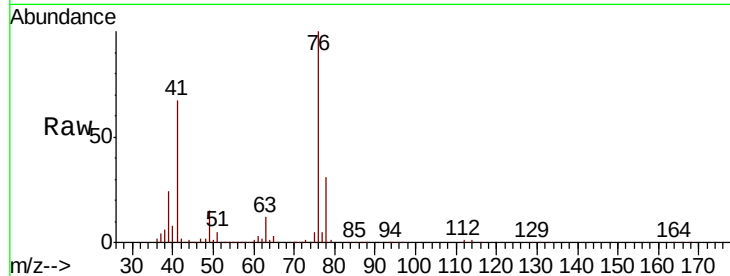
VX0524MBS01

Tot Ion: 76 Resp: 64352

Ion Ratio Lower Upper

76 100

78 31.8 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

50000

40000

30000

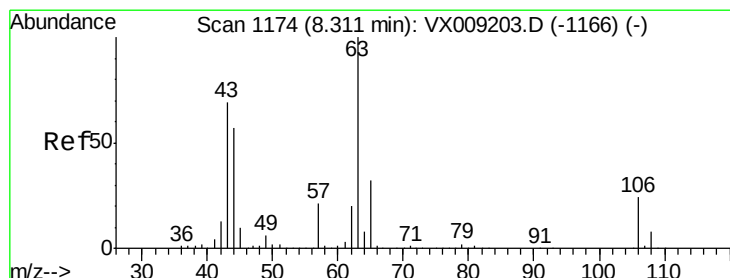
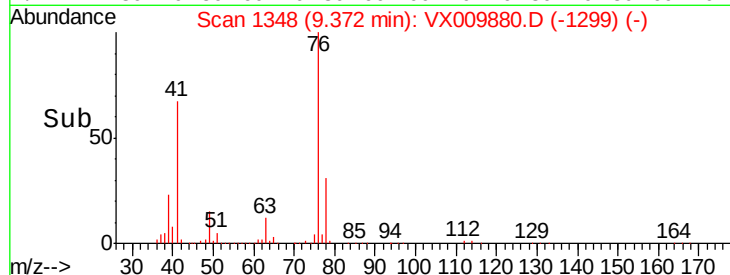
20000

10000

0

9.30 9.40 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 84.144 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX009880.D

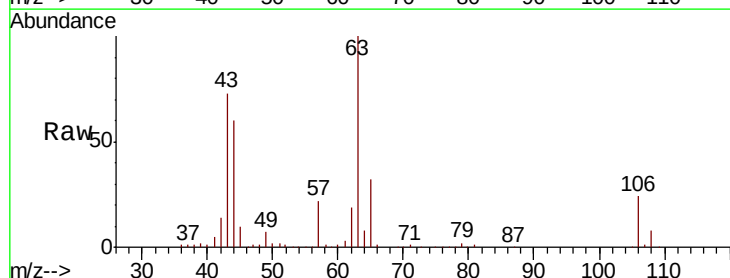
Acq: 24 May 2019 12:40

Tgt Ion: 63 Resp: 167440

Ion Ratio Lower Upper

63 100

106 24.0 19.7 29.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

120000

100000

80000

60000

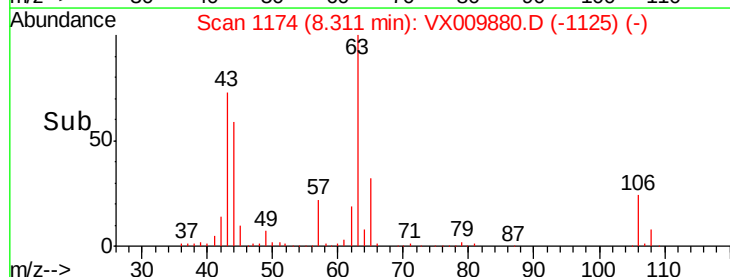
40000

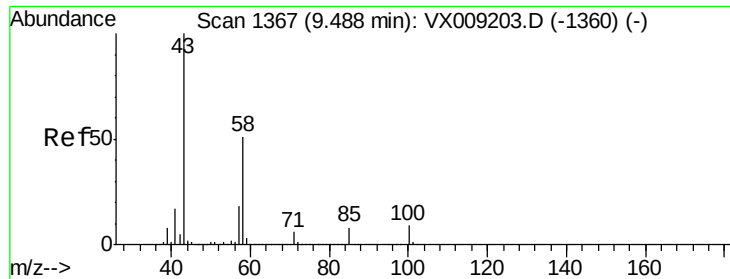
20000

0

8.20 8.30 8.40

Time-->

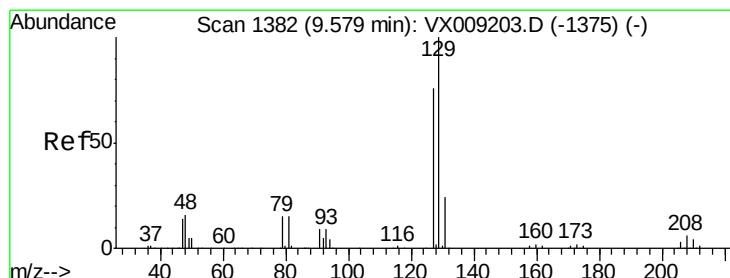
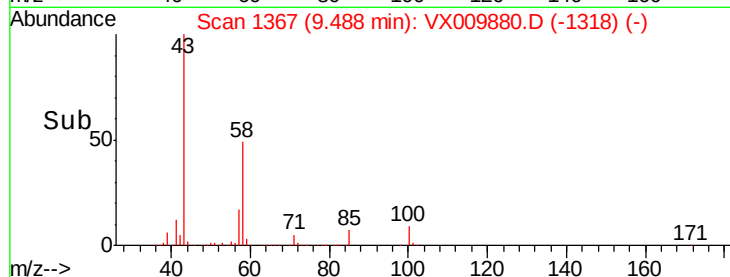
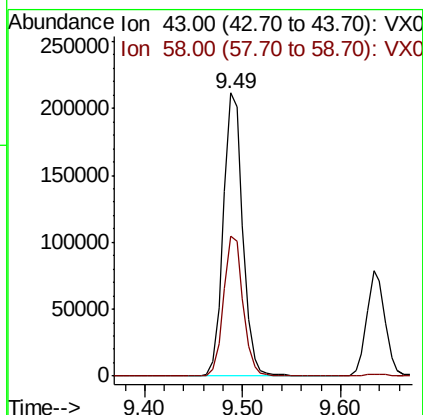
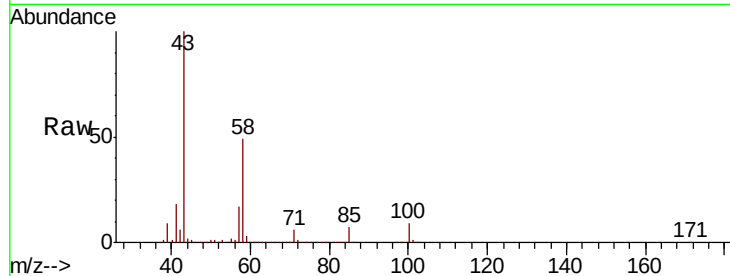




#59
2-Hexanone
Concen: 92.781 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX009880.D
Acq: 24 May 2019 12:40

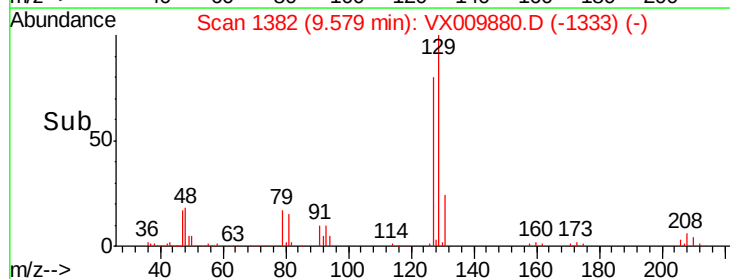
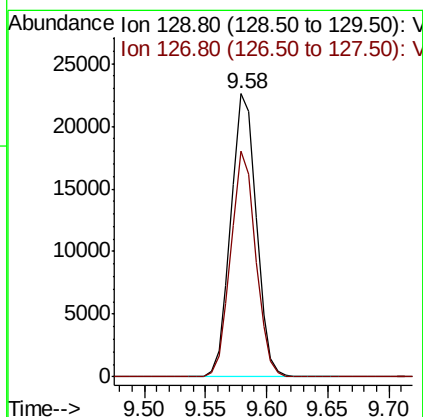
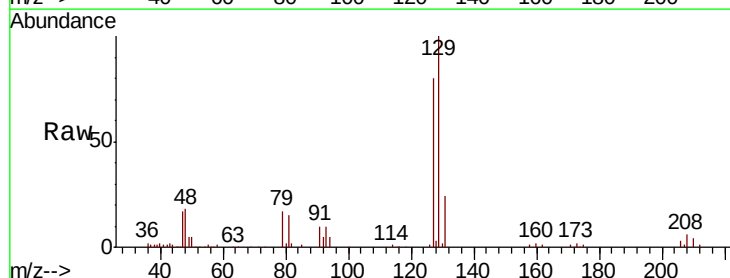
Instrument :
MSVOA_X
ClientSampleId :
VX0524MBS01

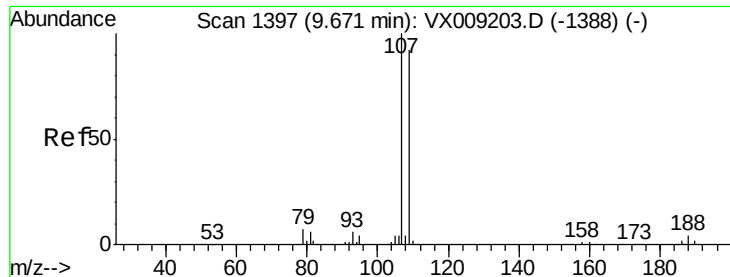
Tot Ion: 43 Resp: 290626
Ion Ratio Lower Upper
43 100
58 49.8 25.9 77.7



#60
Dibromochloromethane
Concen: 15.854 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX009880.D
Acq: 24 May 2019 12:40

Tgt Ion: 129 Resp: 32539
Ion Ratio Lower Upper
129 100
127 77.8 38.4 115.1

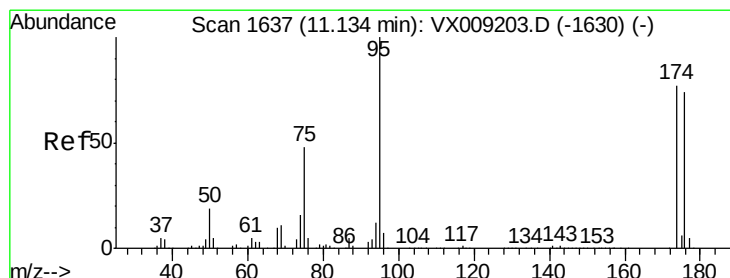
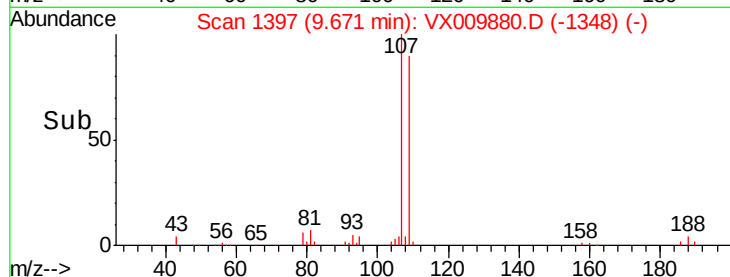
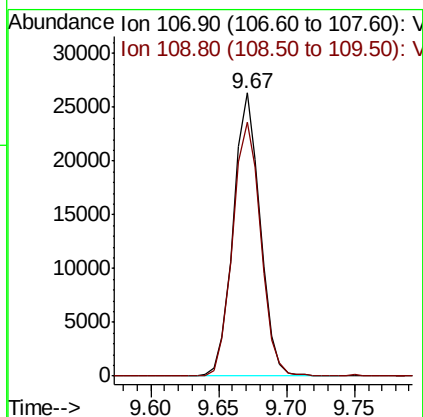
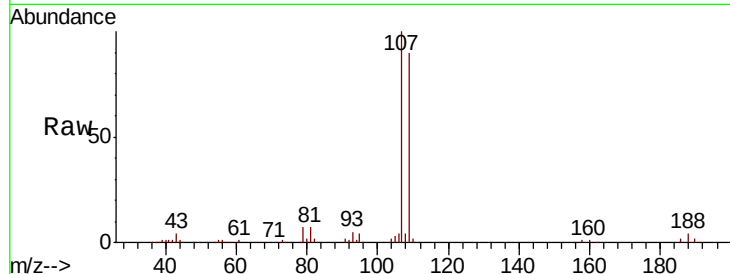




#61
 1,2-Dibromoethane
 Concen: 17.081 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX009880.D
 Acq: 24 May 2019 12:40

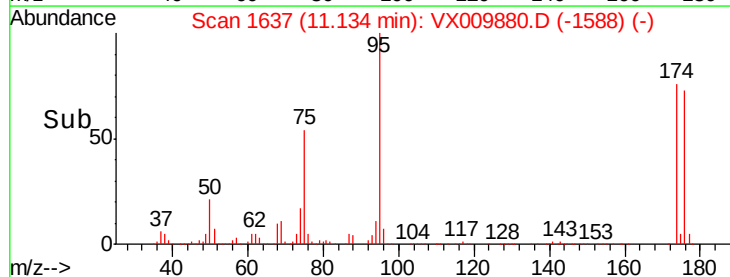
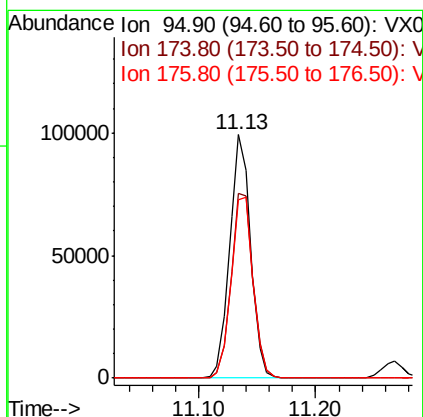
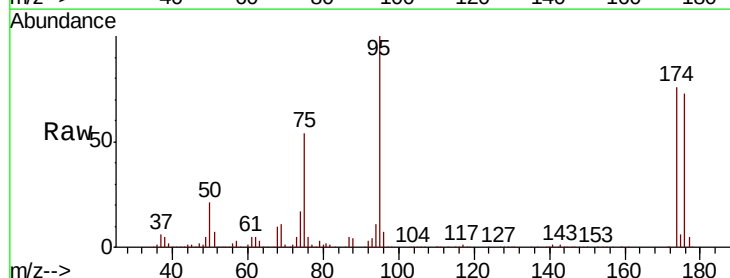
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0524MBS01

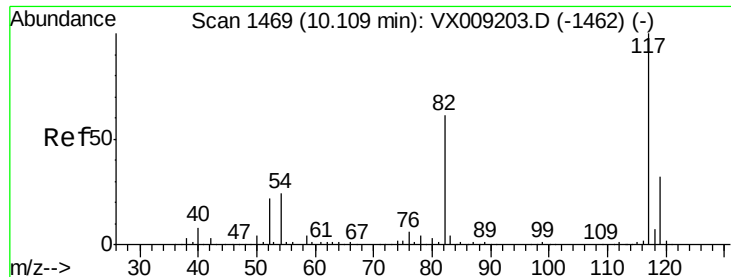
Tot Ion:107 Resp: 36232
 Ion Ratio Lower Upper
 107 100
 109 93.7 75.2 112.8



#62
 4-Bromofluorobenzene
 Concen: 45.529 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX009880.D
 Acq: 24 May 2019 12:40

Tgt Ion: 95 Resp: 123701
 Ion Ratio Lower Upper
 95 100
 174 79.8 0.0 161.6
 176 78.3 0.0 159.2

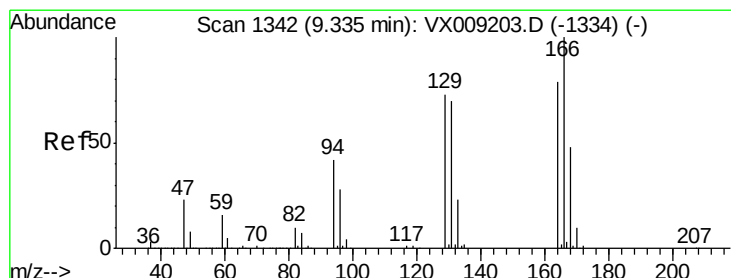
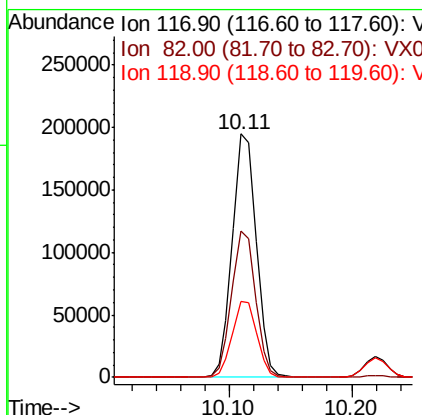
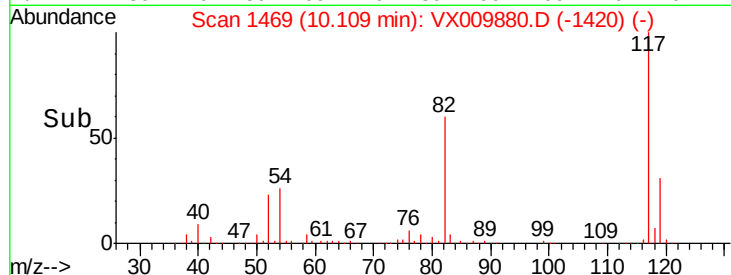
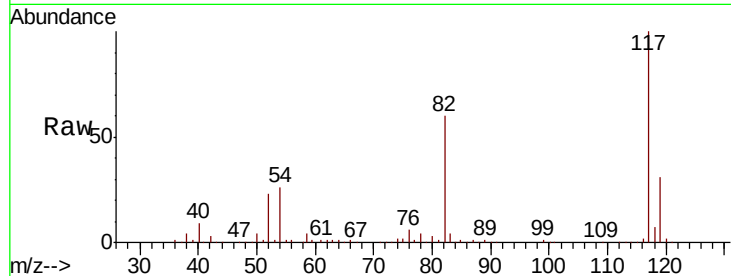




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009880.D
Acq: 24 May 2019 12:40

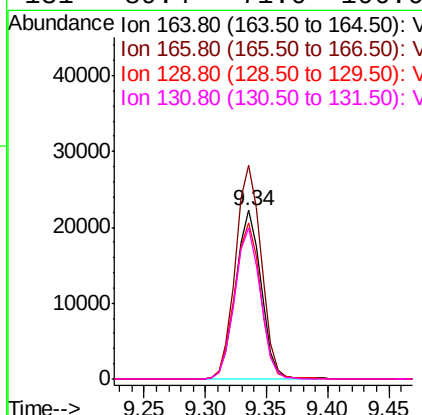
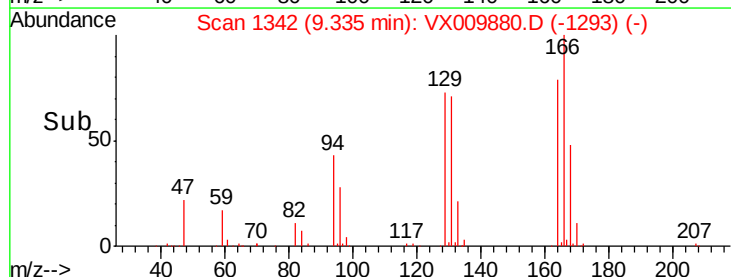
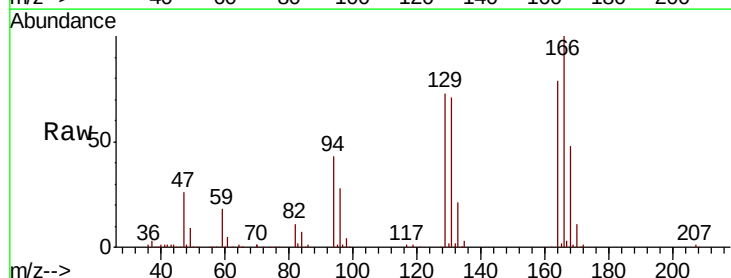
Instrument :
MSVOA_X
ClientSampleId :
VX0524MBS01

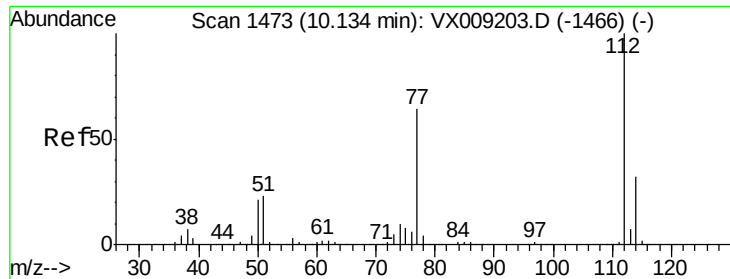
Tot Ion:117 Resp: 264936
Ion Ratio Lower Upper
117 100
82 60.3 48.8 73.2
119 31.3 25.8 38.6



#64
Tetrachloroethene
Concen: 17.644 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009880.D
Acq: 24 May 2019 12:40

Tgt Ion:164 Resp: 32065
Ion Ratio Lower Upper
164 100
166 126.6 101.2 151.8
129 92.4 74.3 111.5
131 89.4 71.0 106.6

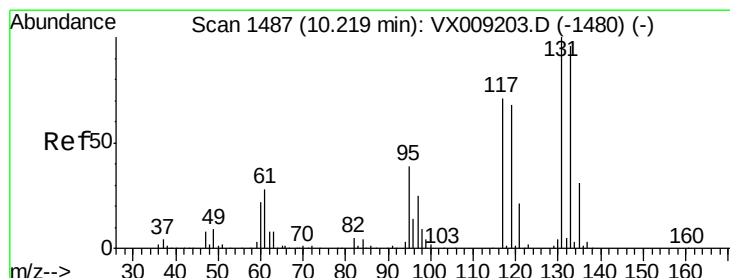
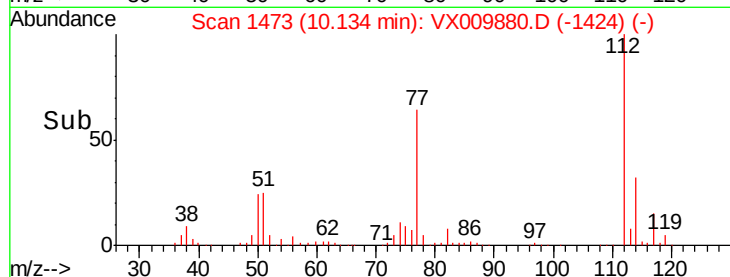
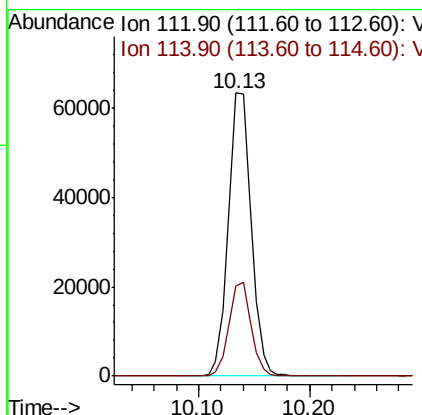
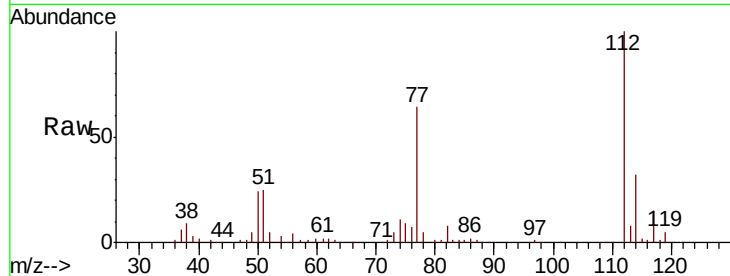




#65
Chlorobenzene
Concen: 17.074 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX009880.D
Acq: 24 May 2019 12:40

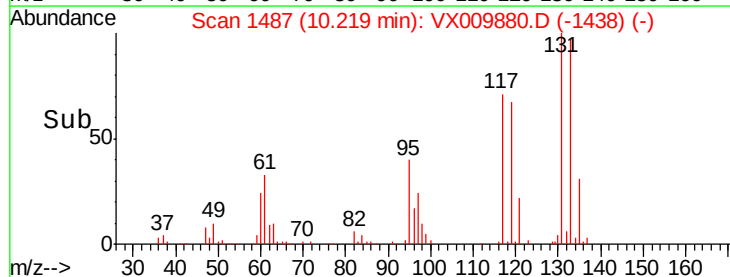
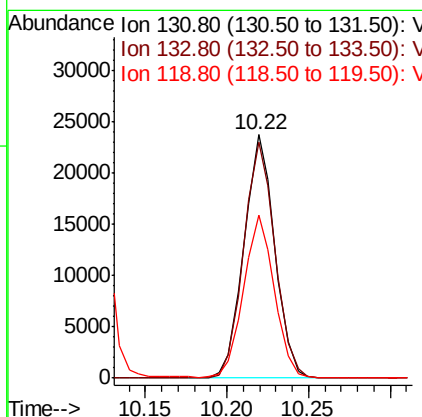
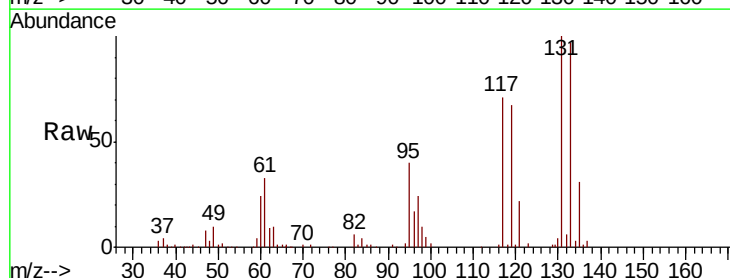
Instrument :
MSVOA_X
ClientSampleId :
VX0524MBS01

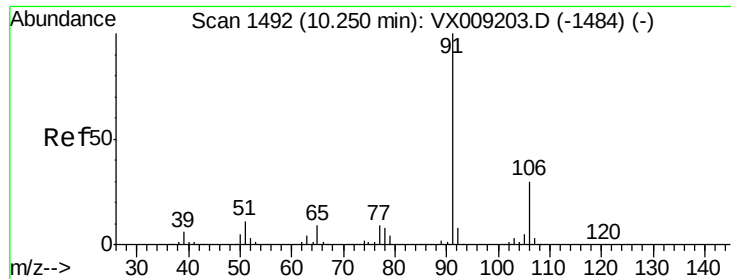
Tot Ion:112 Resp: 90489
Ion Ratio Lower Upper
112 100
114 32.0 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 16.274 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX009880.D
Acq: 24 May 2019 12:40

Tgt Ion:131 Resp: 31270
Ion Ratio Lower Upper
131 100
133 98.4 47.7 143.1
119 66.8 33.5 100.4

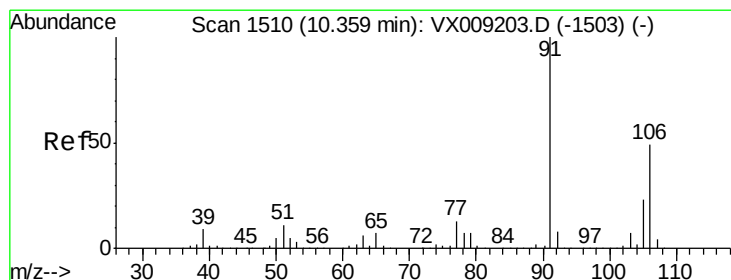
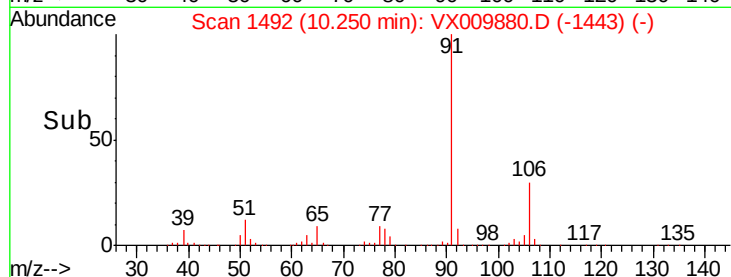
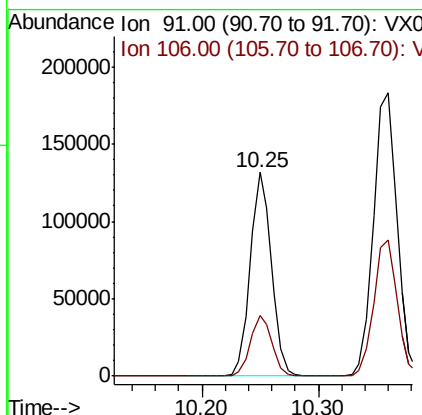
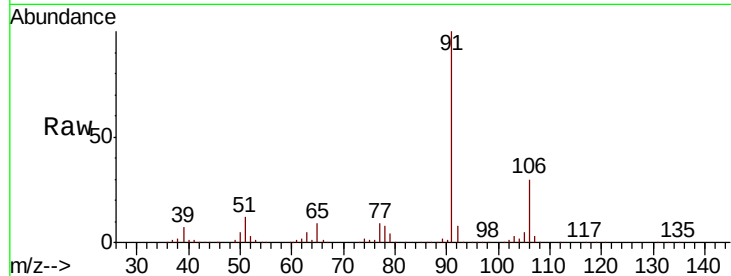




#67
Ethyl Benzene
Concen: 17.264 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX009880.D
Acq: 24 May 2019 12:40

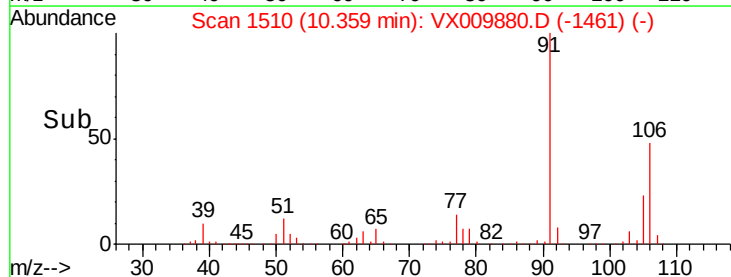
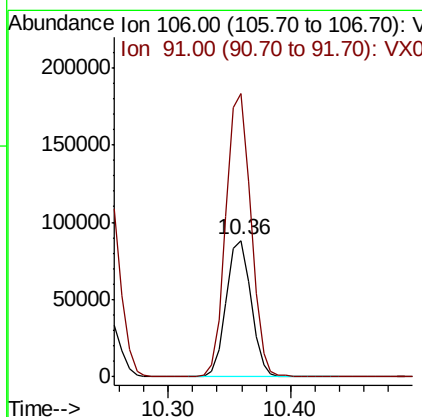
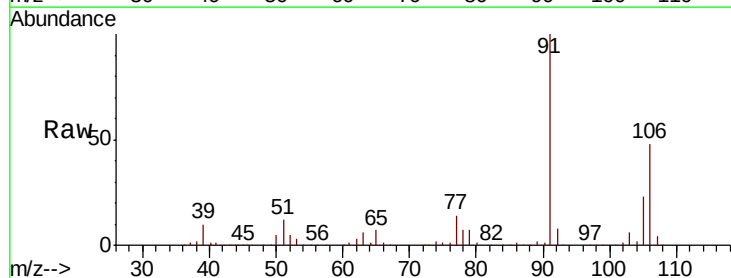
Instrument :
MSVOA_X
ClientSampled :
VX0524MBS01

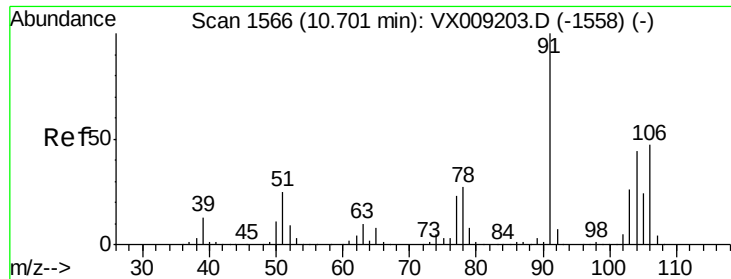
Tot Ion: 91 Resp: 168388
Ion Ratio Lower Upper
91 100
106 29.9 24.0 36.0



#68
m/p-Xylenes
Concen: 34.885 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX009880.D
Acq: 24 May 2019 12:40

Tgt Ion: 106 Resp: 124343
Ion Ratio Lower Upper
106 100
91 207.9 164.0 246.0

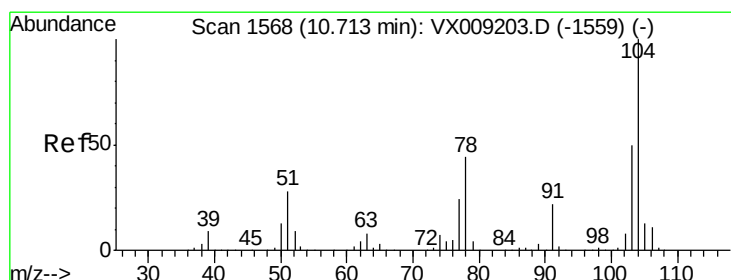
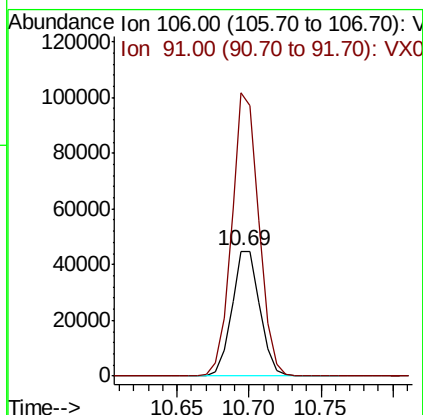
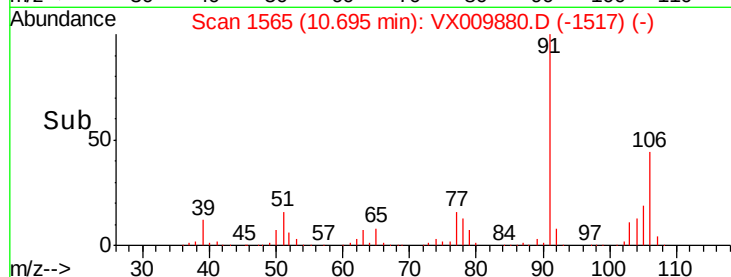
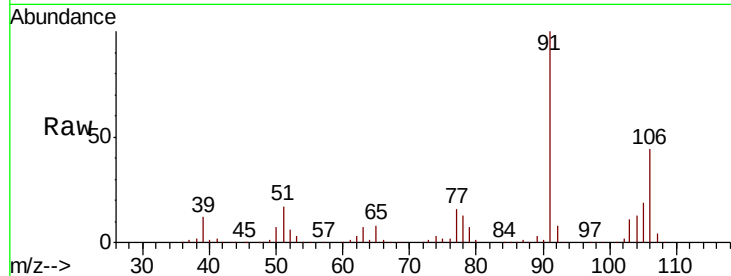




#69
o-Xylene
Concen: 17.359 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009880.D
Acq: 24 May 2019 12:40

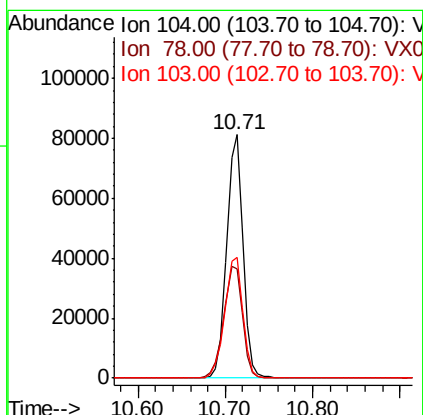
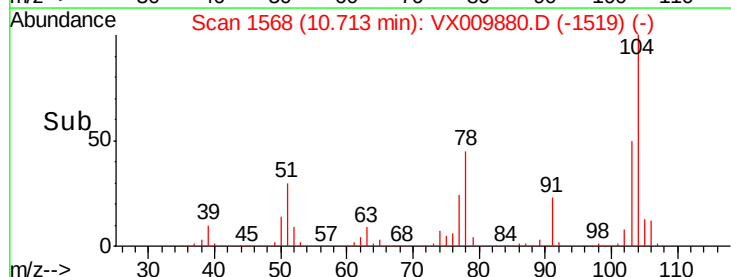
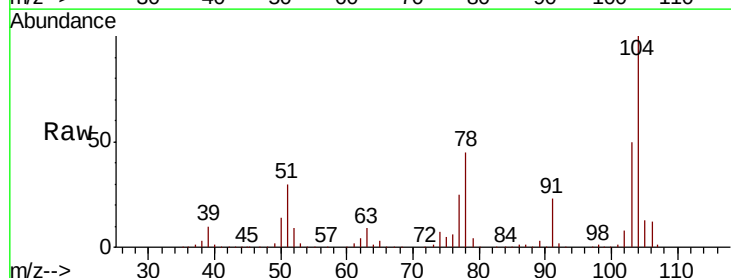
Instrument :
MSVOA_X
ClientSampled :
VX0524MBS01

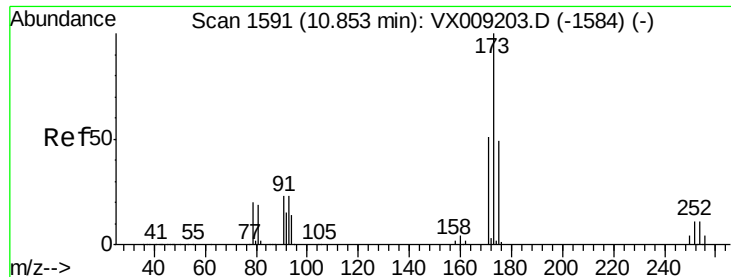
Tot Ion:106 Resp: 61047
Ion Ratio Lower Upper
106 100
91 219.4 109.5 328.4



#70
Styrene
Concen: 17.153 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX009880.D
Acq: 24 May 2019 12:40

Tgt Ion:104 Resp: 104846
Ion Ratio Lower Upper
104 100
78 53.1 41.0 61.4
103 55.3 43.8 65.6





#71

Bromoform

Concen: 15.349 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.01 min

Lab File: VX009880.D

Acq: 24 May 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

VX0524MBS01

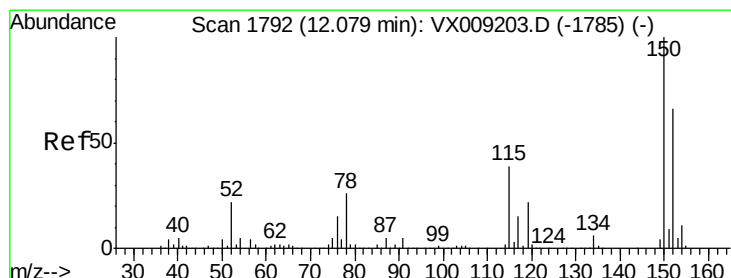
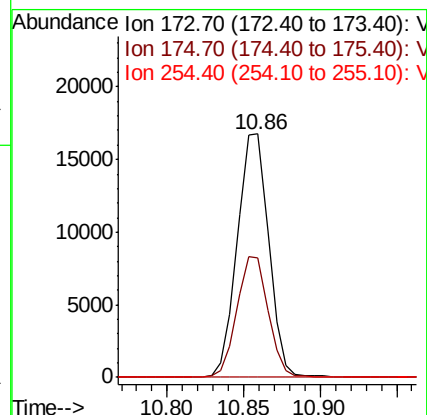
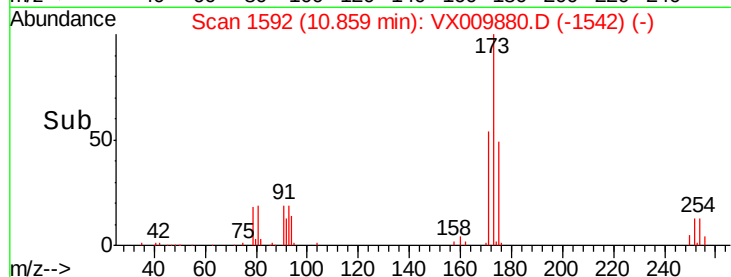
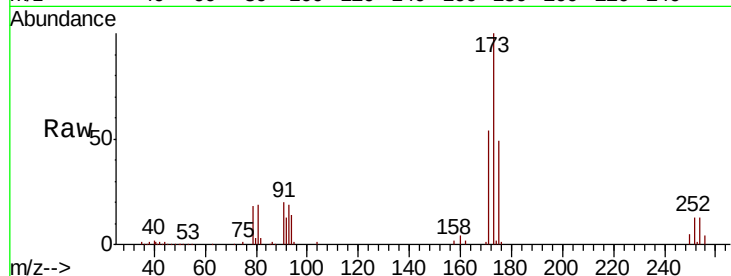
Tot Ion:173 Resp: 23967

Ion Ratio Lower Upper

173 100

175 49.3 24.5 73.5

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX009880.D

Acq: 24 May 2019 12:40

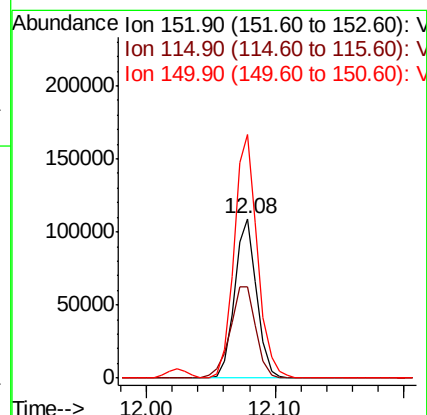
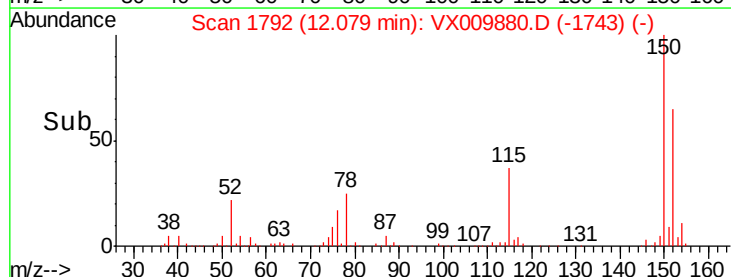
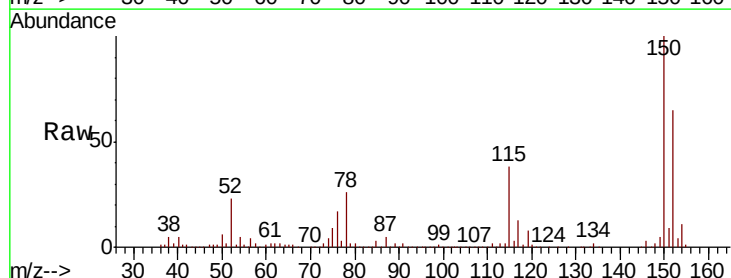
Tgt Ion:152 Resp: 130329

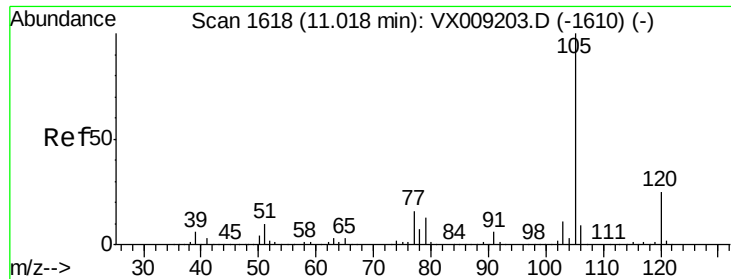
Ion Ratio Lower Upper

152 100

115 67.2 41.2 123.6

150 161.1 0.0 346.4





#73

Isopropylbenzene

Concen: 17.221 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009880.D

Acq: 24 May 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

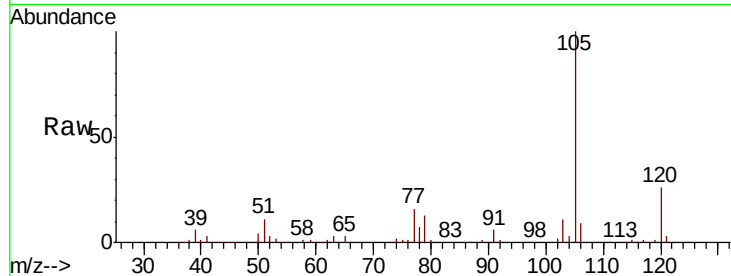
VX0524MBS01

Tot Ion:105 Resp: 163214

Ion Ratio Lower Upper

105 100

120 25.4 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

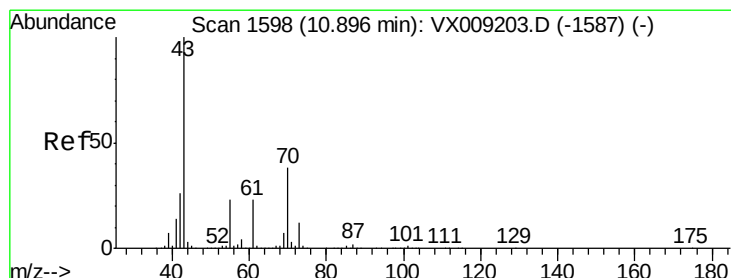
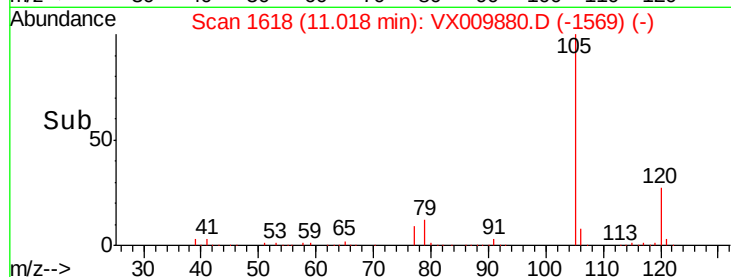
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 17.869 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX009880.D

Acq: 24 May 2019 12:40

Tgt Ion: 43 Resp: 98732

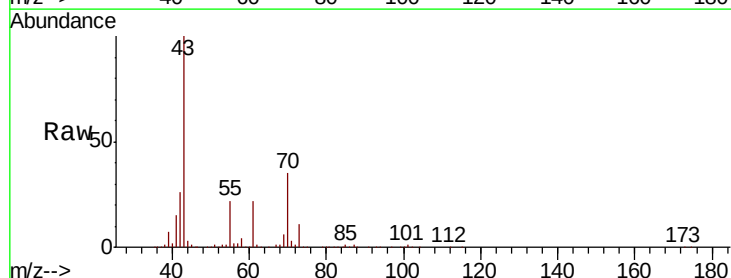
Ion Ratio Lower Upper

43 100

70 35.3 30.0 45.0

55 23.1 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

120000

100000

80000

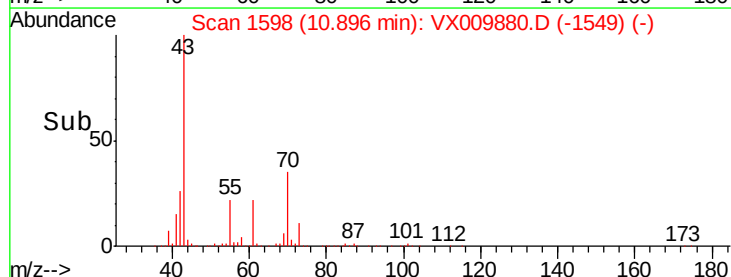
60000

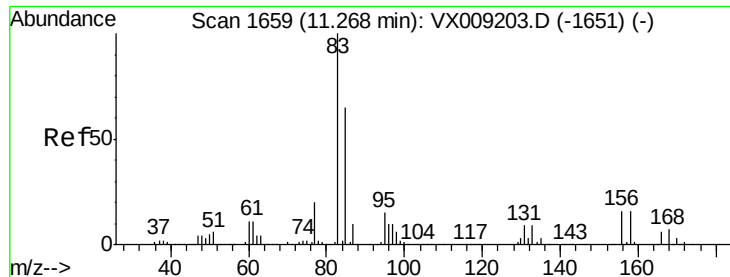
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 16.816 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX009880.D

Acq: 24 May 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

VX0524MBS01

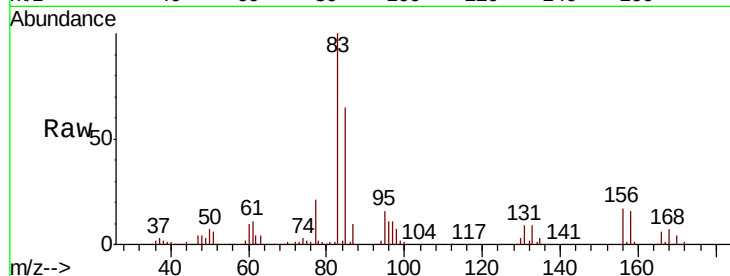
Tot Ion: 83 Resp: 59413

Ion Ratio Lower Upper

83 100

131 9.2 4.6 13.8

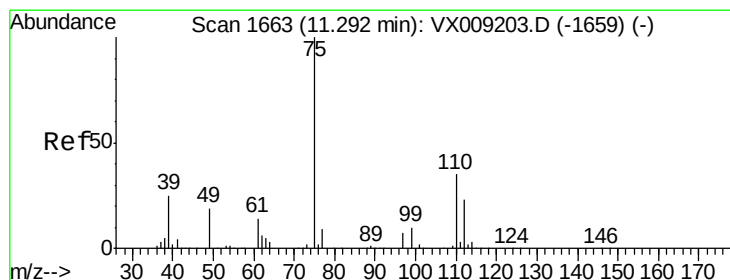
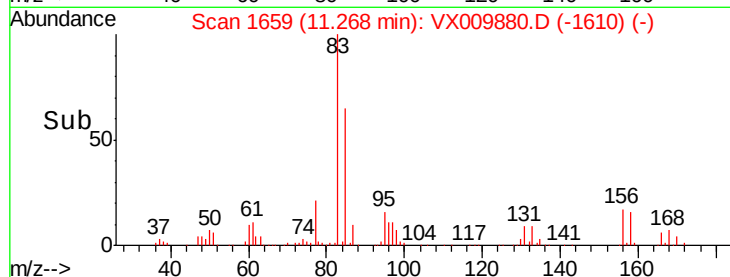
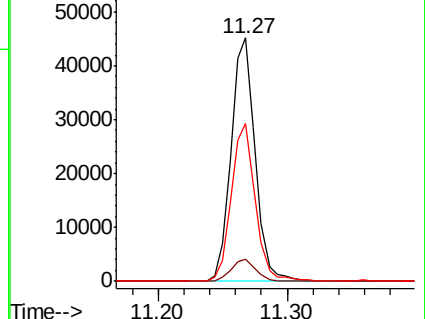
85 64.6 32.0 96.2



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: 22.781 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX009880.D

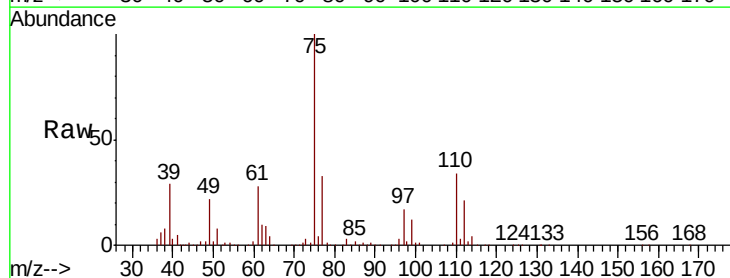
Acq: 24 May 2019 12:40

Tgt Ion: 75 Resp: 68872

Ion Ratio Lower Upper

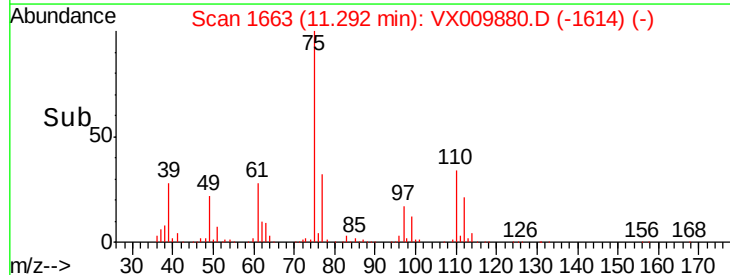
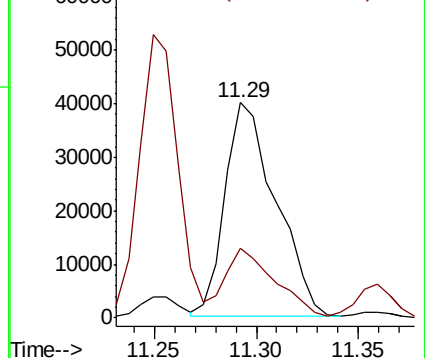
75 100

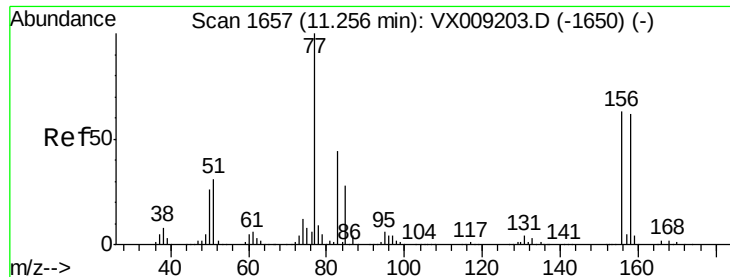
77 32.3 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 17.140 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX009880.D

Acq: 24 May 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

VX0524MBS01

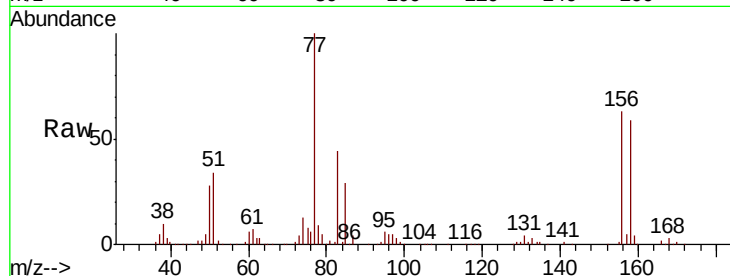
Tot Ion:156 Resp: 40320

Ion Ratio Lower Upper

156 100

77 171.3 84.8 254.3

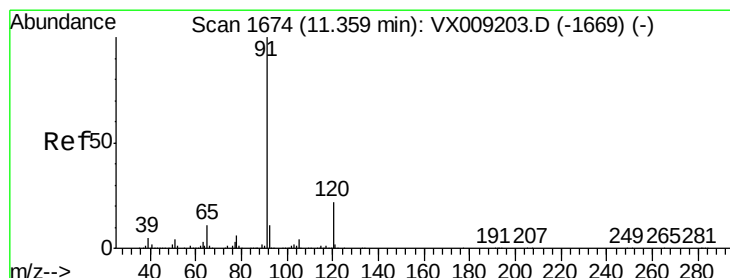
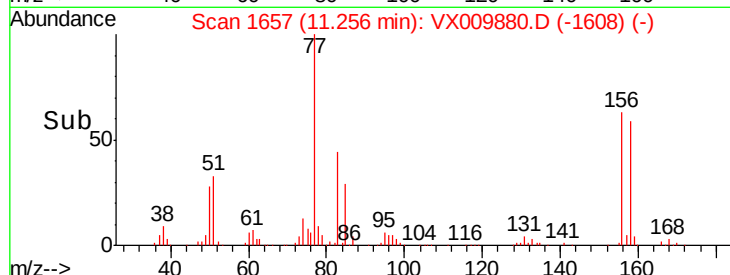
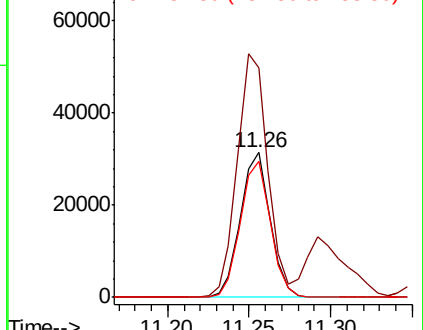
158 94.5 49.1 147.3



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: 17.387 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009880.D

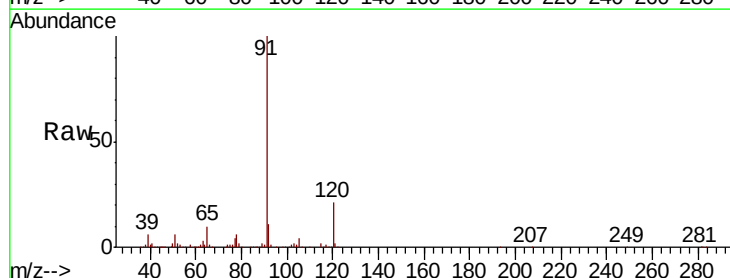
Acq: 24 May 2019 12:40

Tgt Ion: 91 Resp: 188188

Ion Ratio Lower Upper

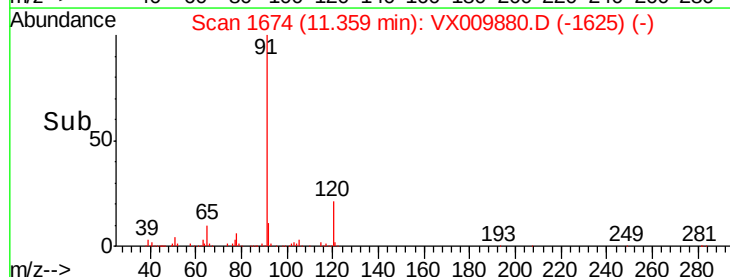
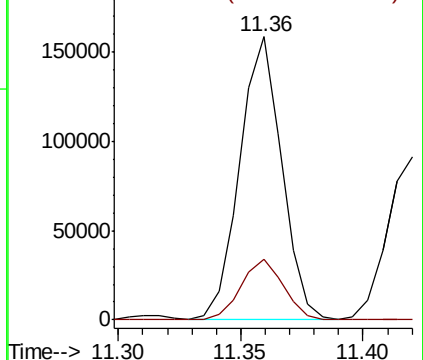
91 100

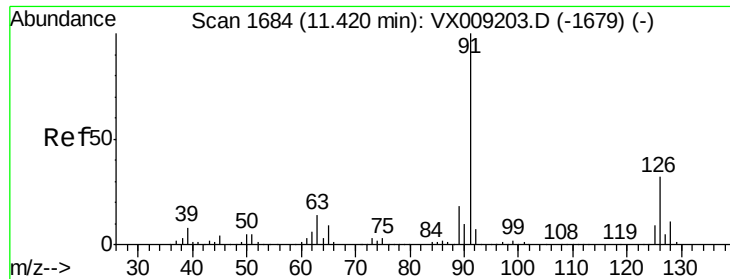
120 21.7 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

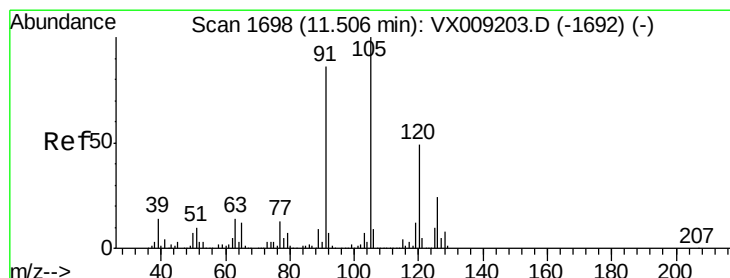
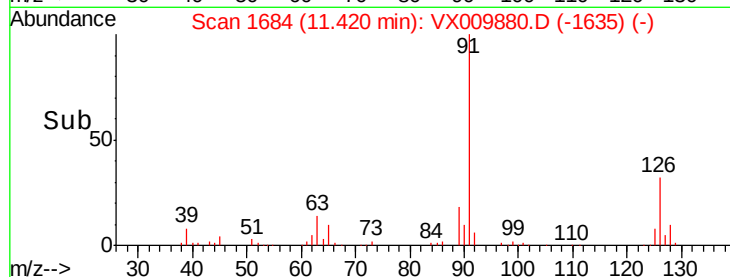
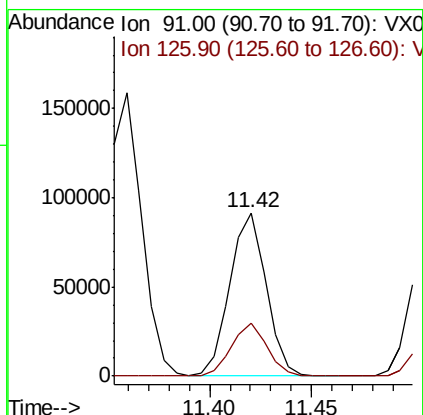
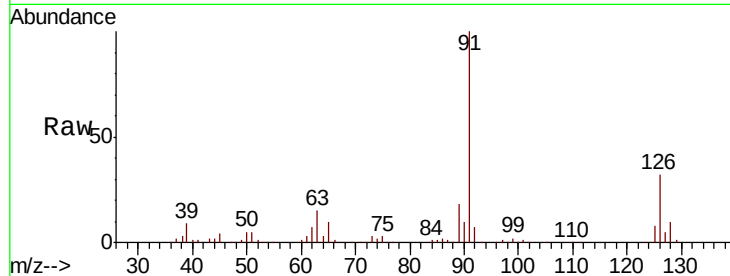




#79
 2-Chlorotoluene
 Concen: 16.796 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX009880.D
 Acq: 24 May 2019 12:40

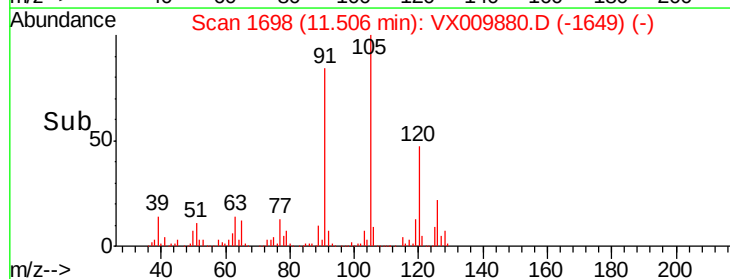
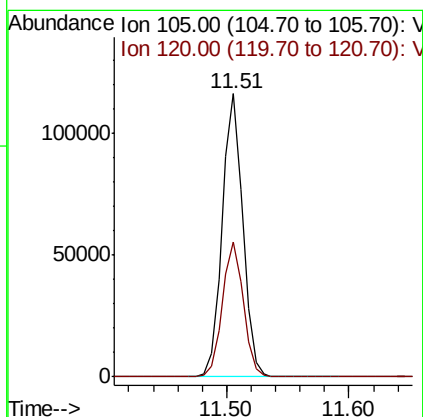
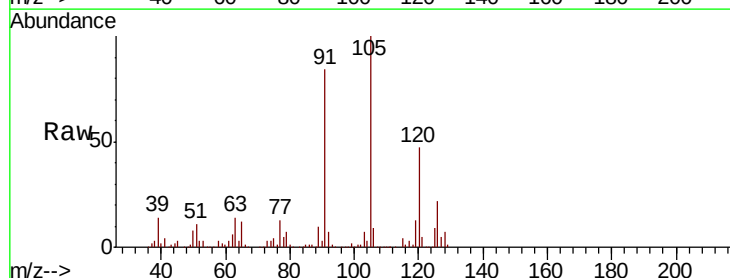
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0524MBS01

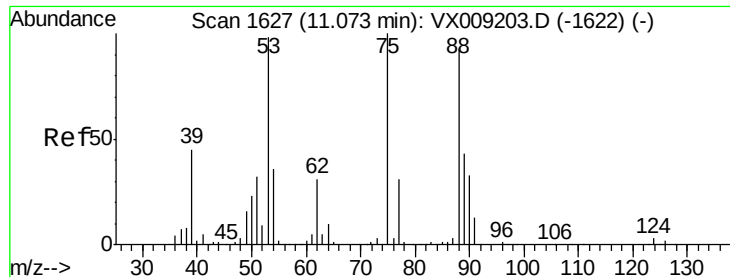
Tot Ion: 91 Resp: 112159
 Ion Ratio Lower Upper
 91 100
 126 32.0 16.3 48.9



#80
 1,3,5-Trimethylbenzene
 Concen: 17.061 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX009880.D
 Acq: 24 May 2019 12:40

Tgt Ion: 105 Resp: 136147
 Ion Ratio Lower Upper
 105 100
 120 48.1 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 15.175 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX009880.D

Acq: 24 May 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

VX0524MBS01

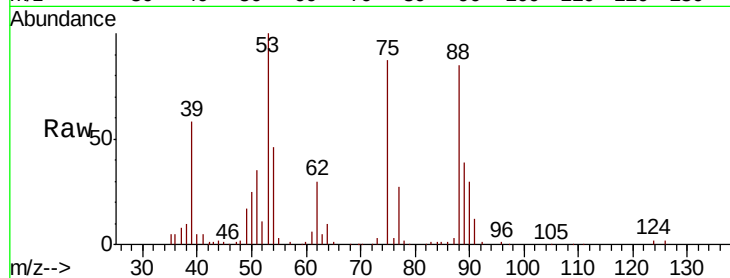
Tot Ion: 75 Resp: 17930

Ion Ratio Lower Upper

75 100

53 115.6 79.0 118.6

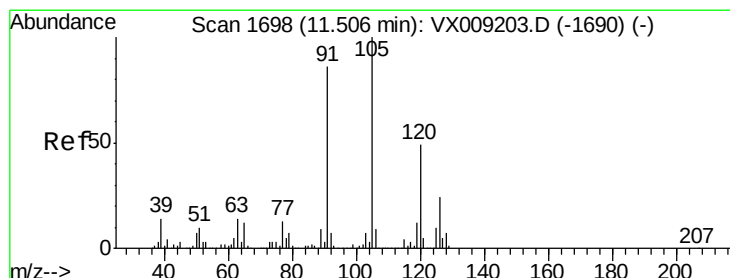
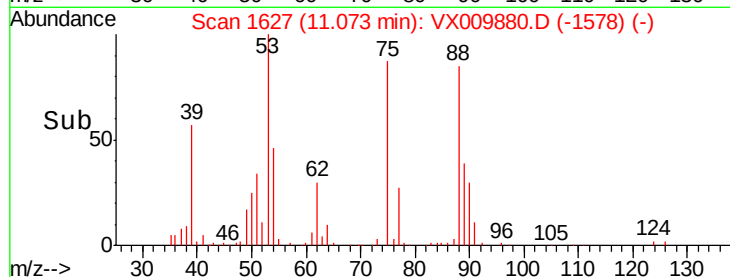
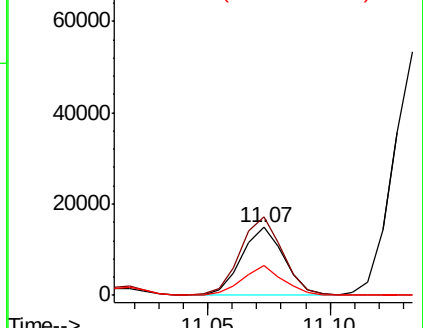
89 42.9 34.7 52.1



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: 17.146 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX009880.D

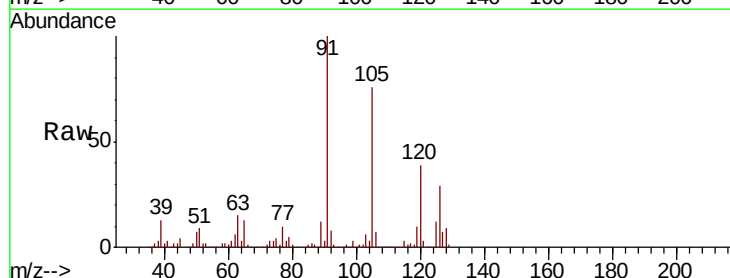
Acq: 24 May 2019 12:40

Tgt Ion: 91 Resp: 129344

Ion Ratio Lower Upper

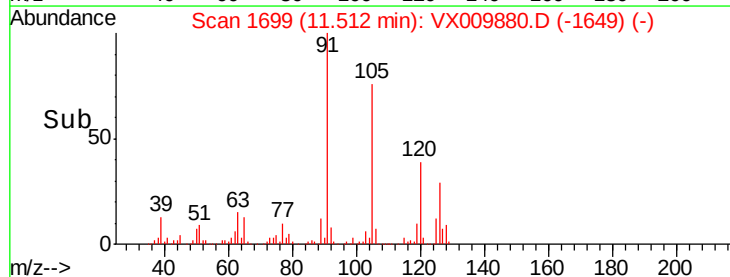
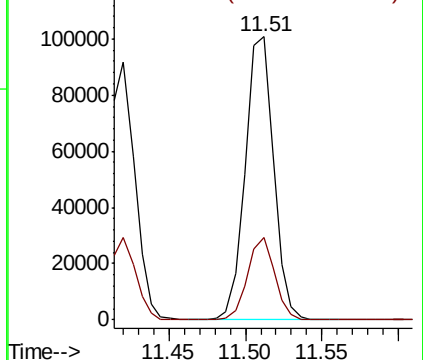
91 100

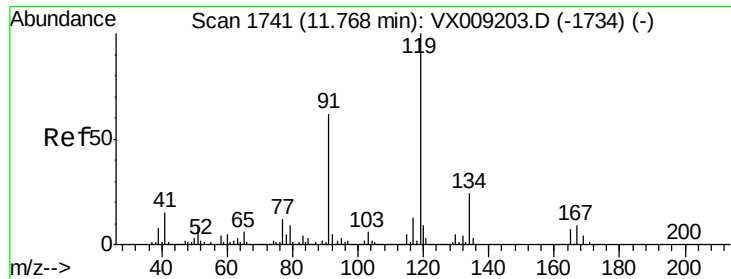
126 28.0 14.5 43.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

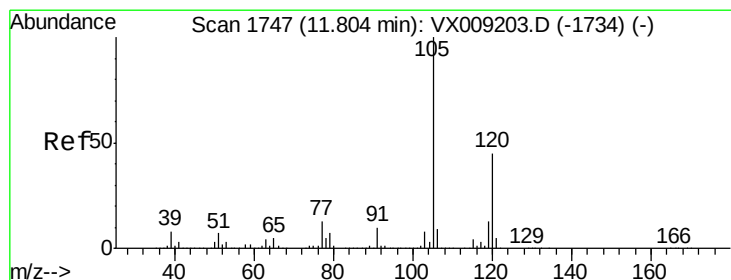
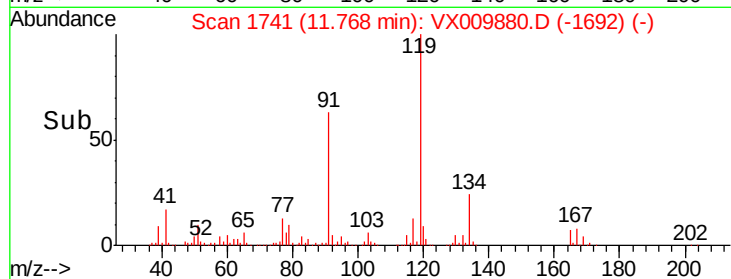
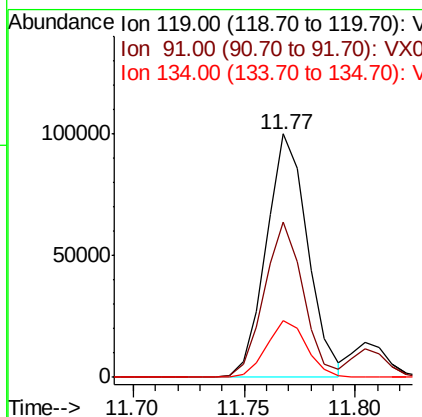
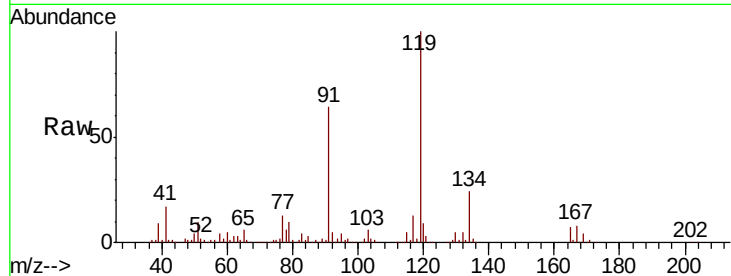




#83
 tert-Butylbenzene
 Concen: 16.690 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX009880.D
 Acq: 24 May 2019 12:40

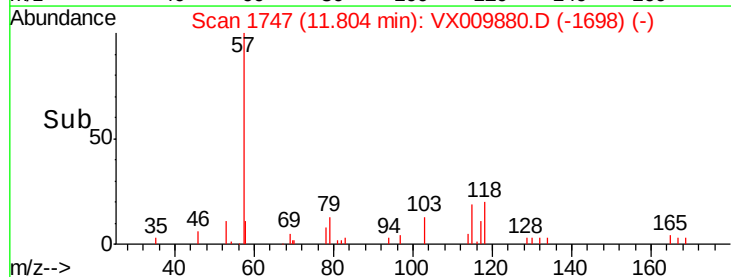
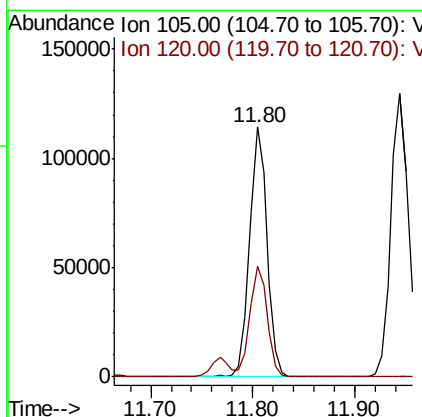
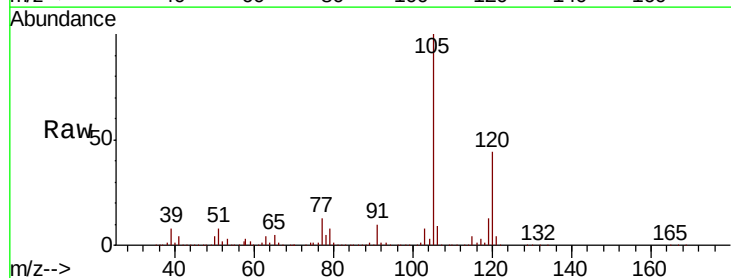
Instrument :
 MSVOA_X
 ClientSampled :
 VX0524MBS01

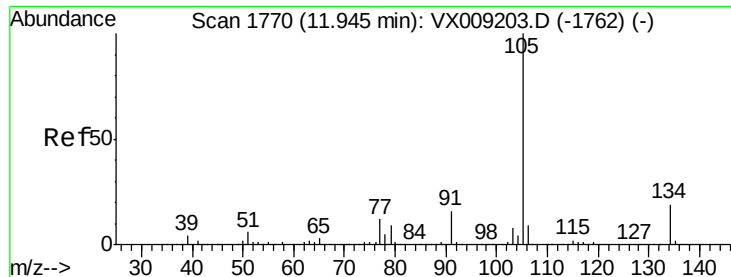
Tot Ion	Ratio	Lower	Upper
119	100		
91	60.5	29.5	88.5
134	22.5	11.4	34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 17.191 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX009880.D
 Acq: 24 May 2019 12:40

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.6	22.0	66.0





#85

sec-Butylbenzene

Concen: 17.020 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX009880.D

Acq: 24 May 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

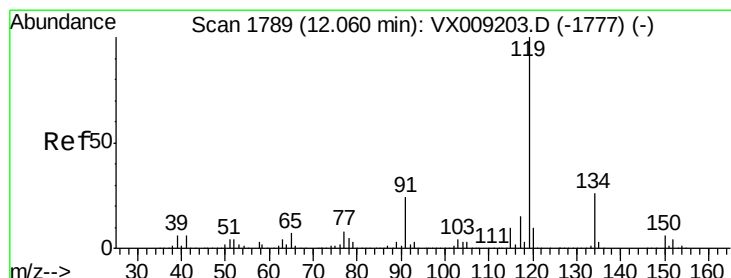
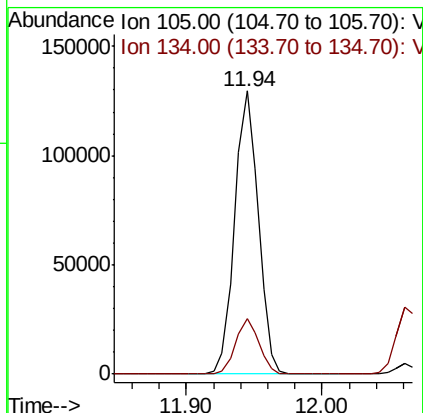
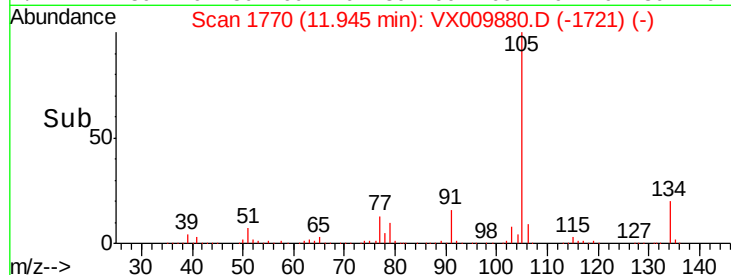
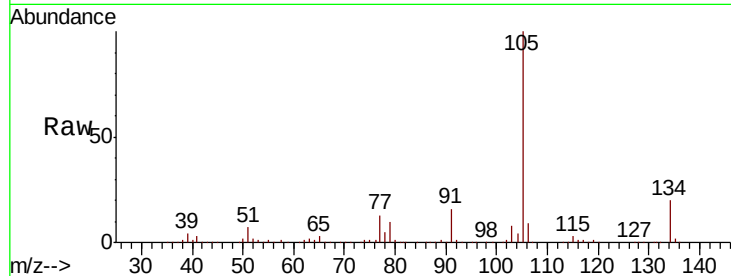
VX0524MBS01

Tot Ion:105 Resp: 156647

Ion Ratio Lower Upper

105 100

134 19.4 9.7 28.9



#86

p-Isopropyltoluene

Concen: 17.208 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX009880.D

Acq: 24 May 2019 12:40

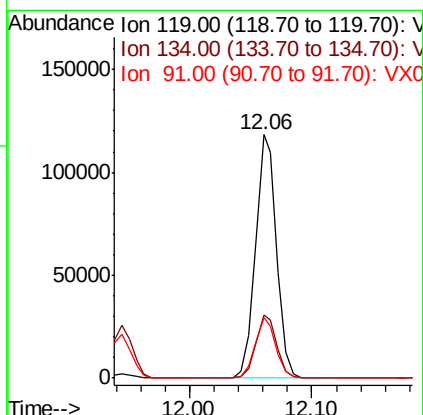
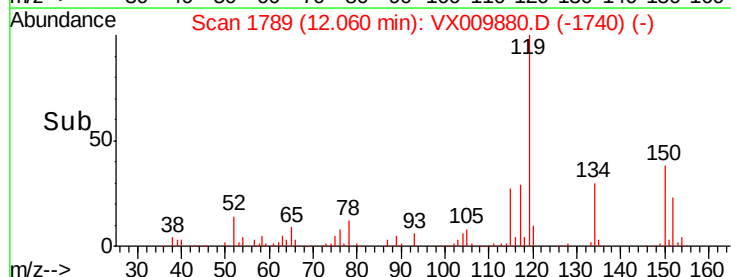
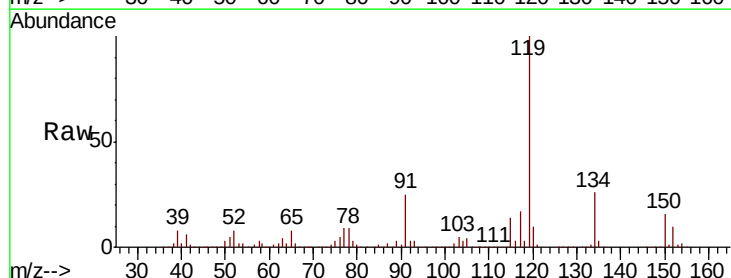
Tgt Ion:119 Resp: 142378

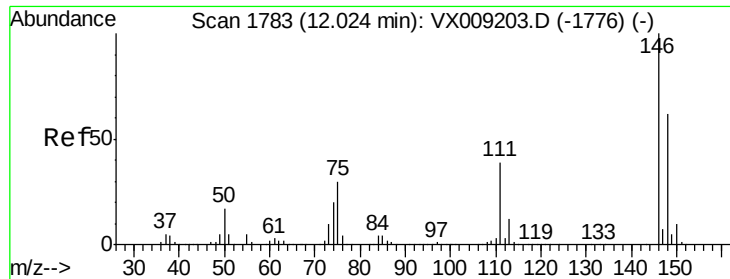
Ion Ratio Lower Upper

119 100

134 25.8 12.9 38.7

91 24.7 11.8 35.4

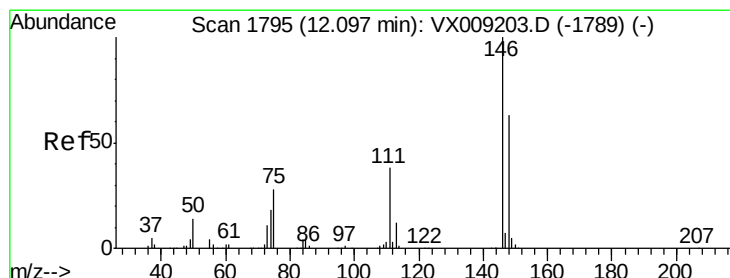
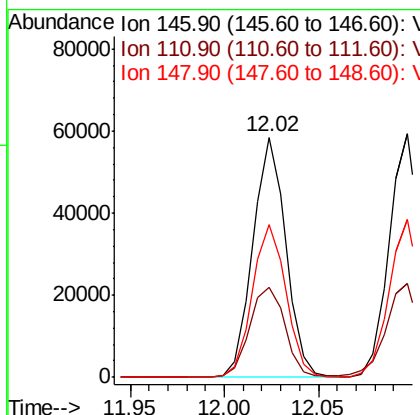
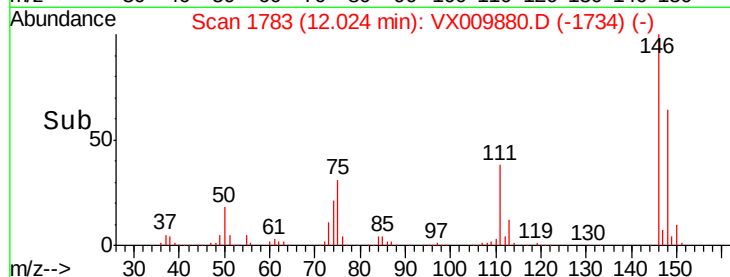
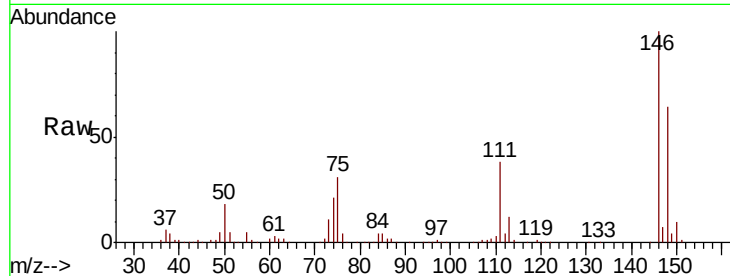




#87
 1,3-Dichlorobenzene
 Concen: 16.920 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX009880.D
 Acq: 24 May 2019 12:40

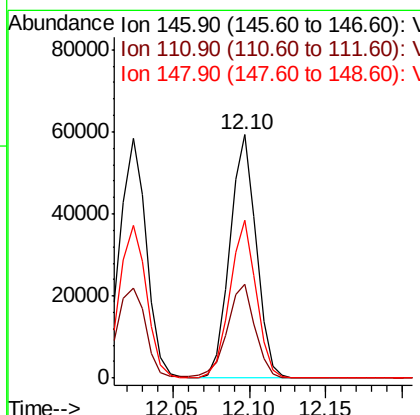
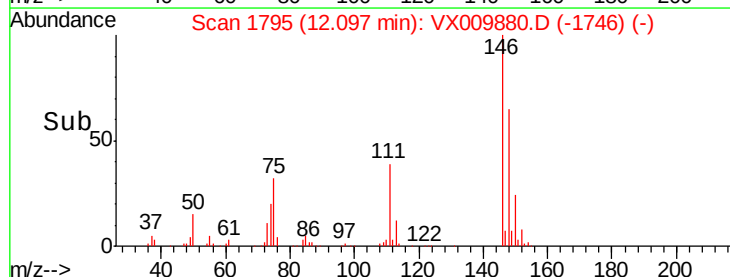
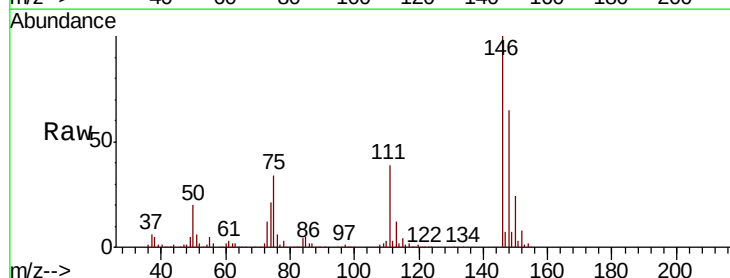
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0524MBS01

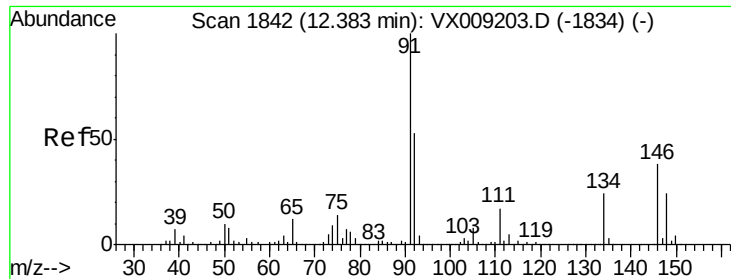
Tot Ion:146 Resp: 70953
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.0 59.9
 148 64.9 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 16.727 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX009880.D
 Acq: 24 May 2019 12:40

Tgt Ion:146 Resp: 70717
 Ion Ratio Lower Upper
 146 100
 111 41.3 19.6 58.8
 148 64.7 31.8 95.3





#89

n-Butylbenzene

Concen: 17.578 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX009880.D

Acq: 24 May 2019 12:40

Instrument :

MSVOA_X

ClientSampleId :

VX0524MBS01

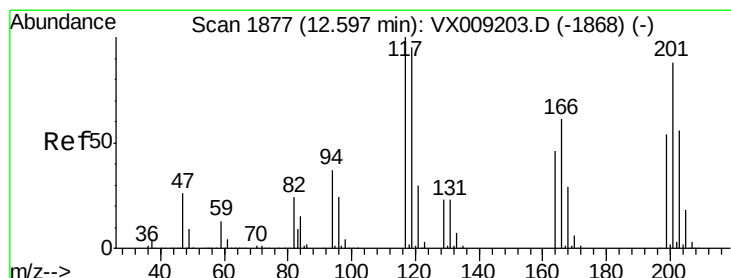
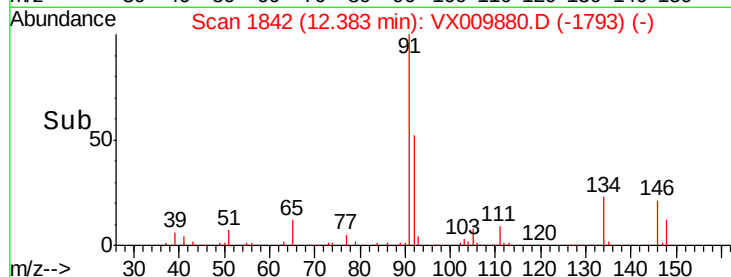
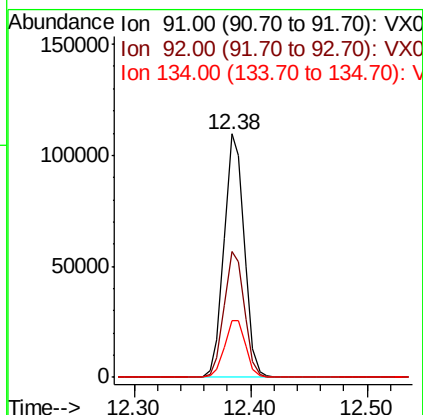
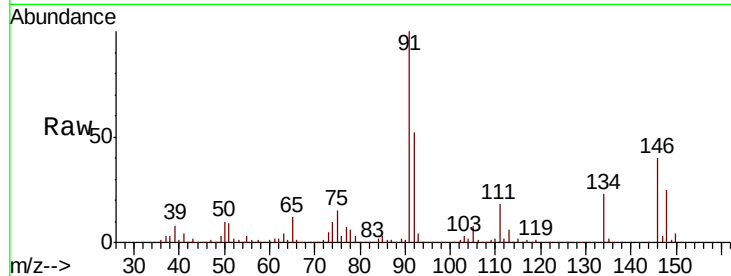
Tot Ion: 91 Resp: 131454

Ion Ratio Lower Upper

91 100

92 52.2 26.5 79.5

134 24.3 12.4 37.2



#90

Hexachloroethane

Concen: 15.805 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX009880.D

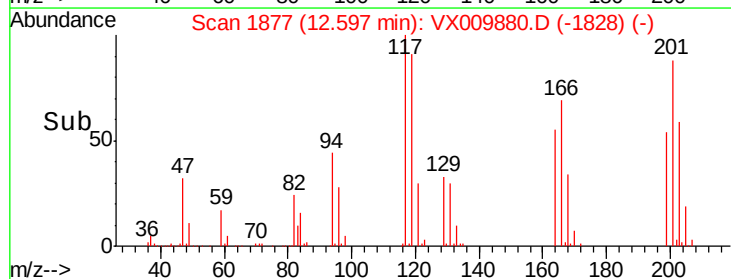
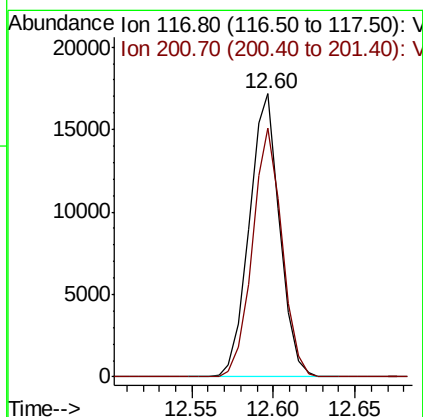
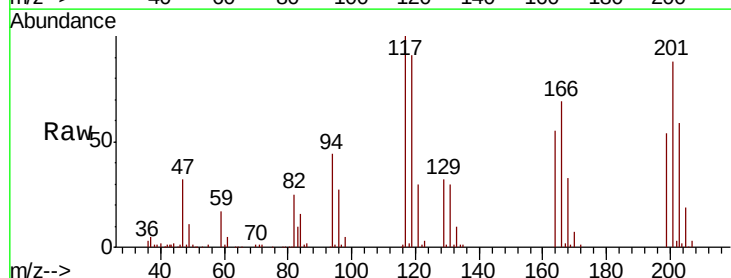
Acq: 24 May 2019 12:40

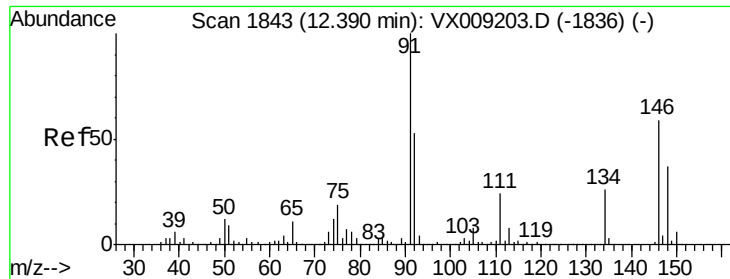
Tgt Ion: 117 Resp: 22278

Ion Ratio Lower Upper

117 100

201 85.3 42.3 126.9

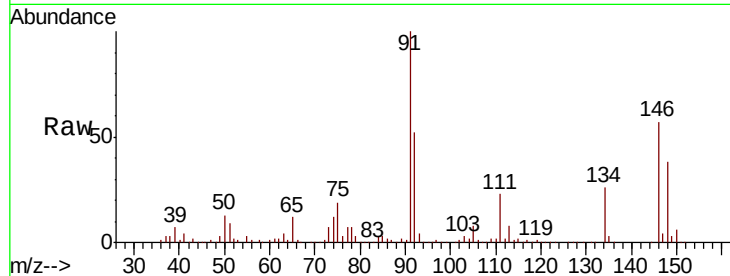




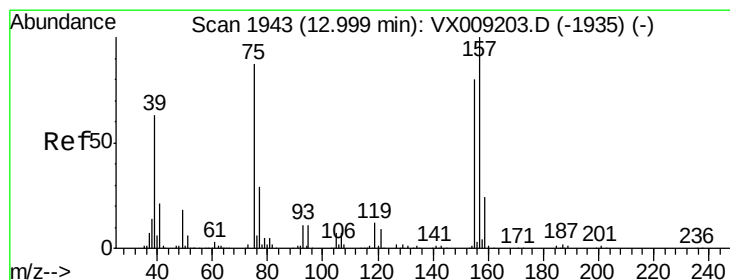
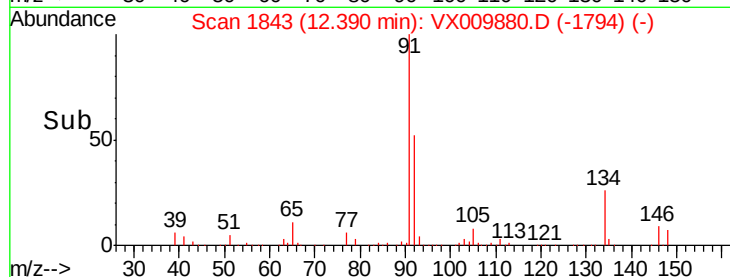
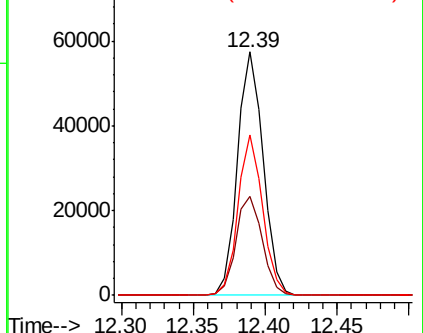
#91
 1,2-Dichlorobenzene
 Concen: 16.711 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX009880.D
 Acq: 24 May 2019 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0524MBS01

Tot Ion:146 Resp: 71374
 Ion Ratio Lower Upper
 146 100
 111 42.0 20.8 62.4
 148 62.8 31.9 95.9

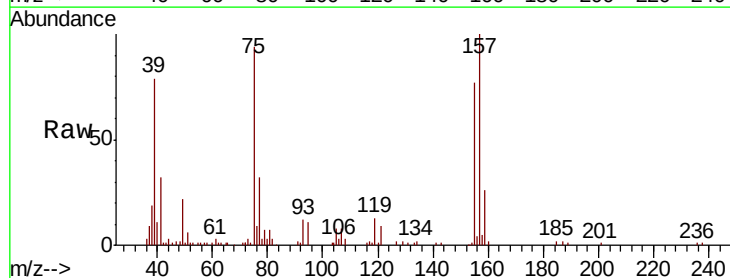


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

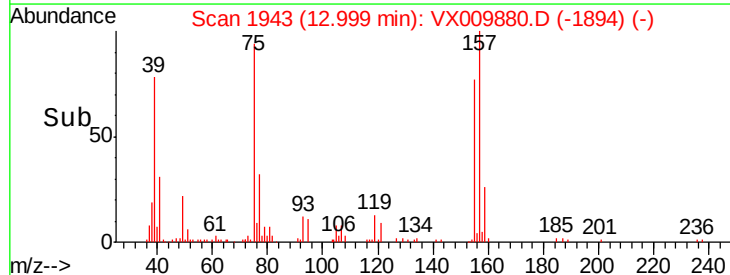
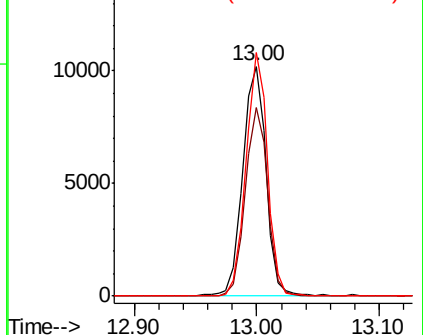


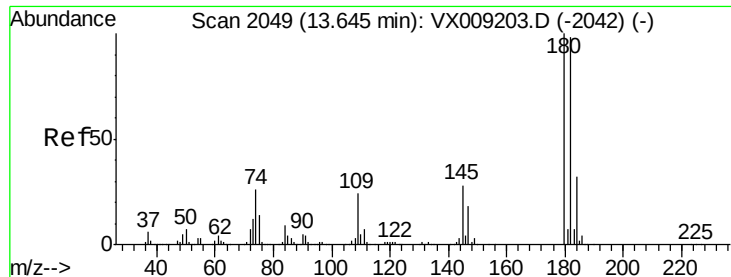
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.920 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX009880.D
 Acq: 24 May 2019 12:40

Tgt Ion: 75 Resp: 13410
 Ion Ratio Lower Upper
 75 100
 155 78.7 42.0 126.0
 157 97.9 53.2 159.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

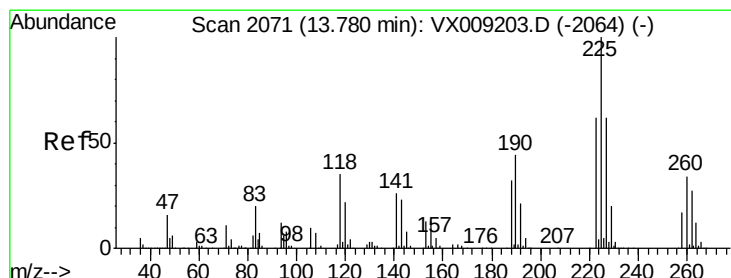
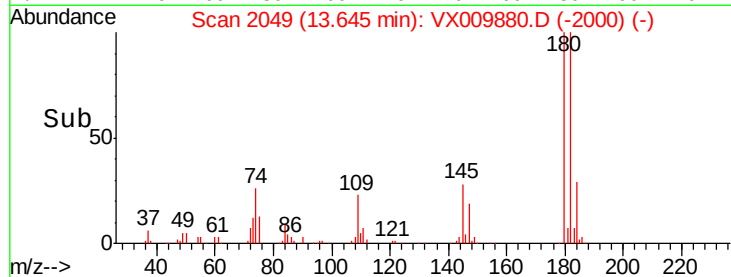
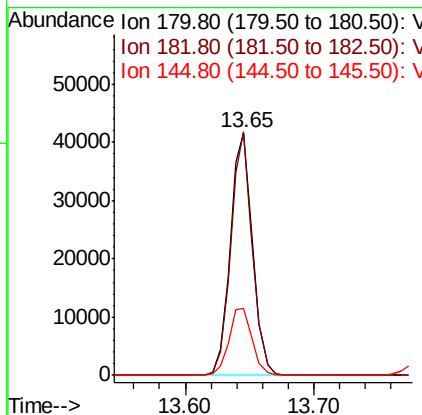
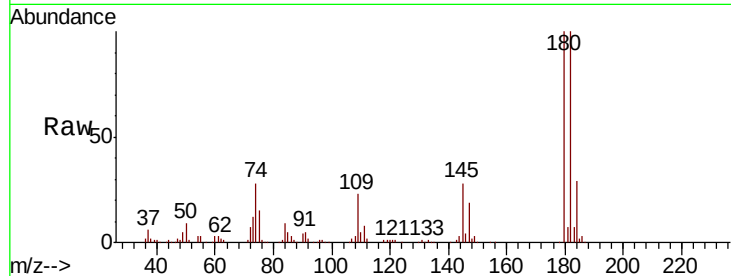




#93
 1,2,4-Trichlorobenzene
 Concen: 17.196 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX009880.D
 Acq: 24 May 2019 12:40

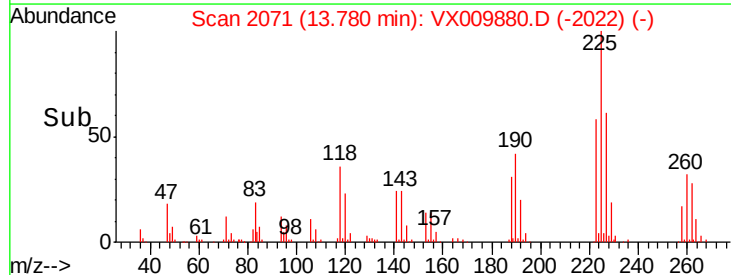
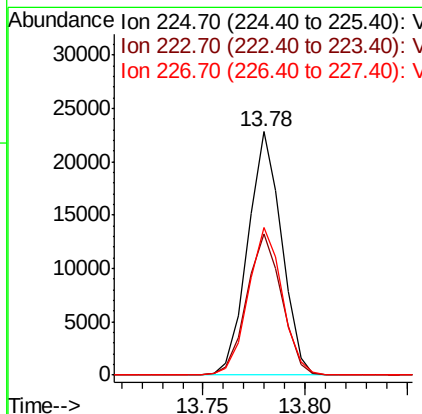
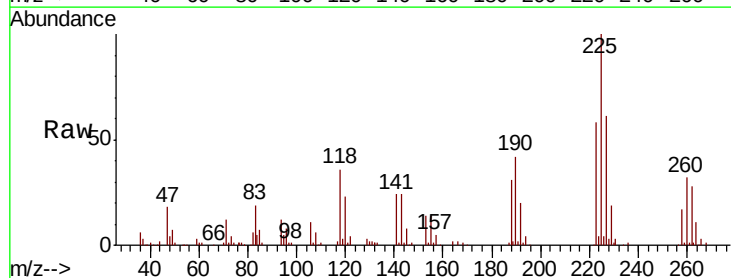
Instrument :
 MSVOA_X
 ClientSampled :
 VX0524MBS01

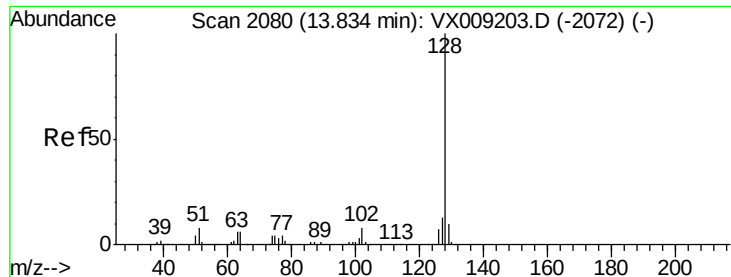
Tot Ion:180 Resp: 50225
 Ion Ratio Lower Upper
 180 100
 182 96.5 48.4 145.2
 145 28.9 14.6 43.8



#94
 Hexachlorobutadiene
 Concen: 17.581 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX009880.D
 Acq: 24 May 2019 12:40

Tgt Ion:225 Resp: 26222
 Ion Ratio Lower Upper
 225 100
 223 59.9 31.3 93.8
 227 61.2 31.8 95.3

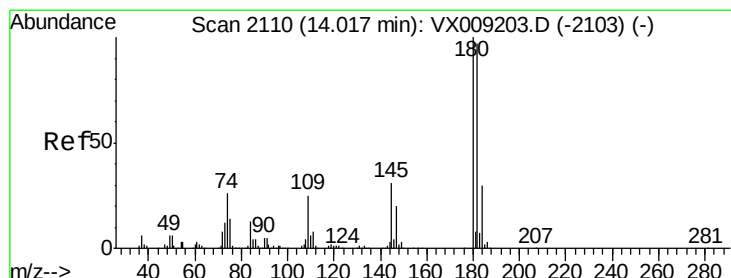
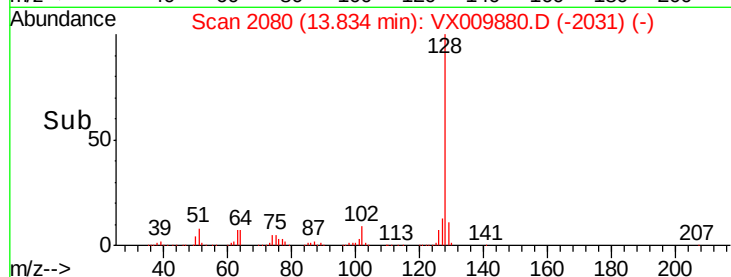
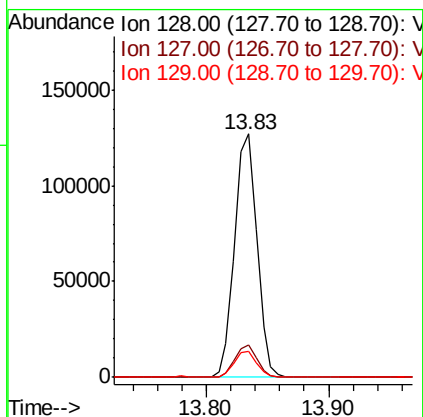
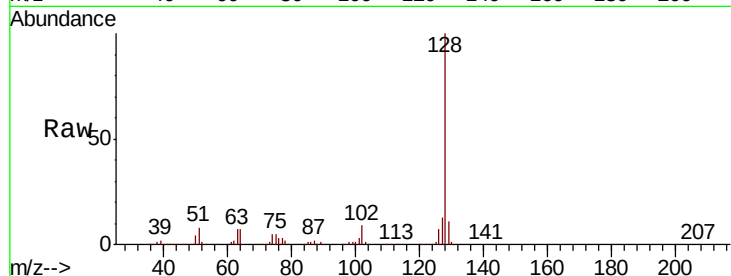




#95
Naphthalene
Concen: 16.860 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX009880.D
Acq: 24 May 2019 12:40

Instrument :
MSVOA_X
ClientSampleId :
VX0524MBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	11.0	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 17.117 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX009880.D
Acq: 24 May 2019 12:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.8	143.4
145	31.5	15.4	46.4

