

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052119\
 Data File : VX009766.D
 Acq On : 21 May 2019 22:25
 Operator : JC/SP
 Sample : K2910-10MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0229MS

Quant Time: May 22 07:10:31 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	160397	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	258997	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	238446	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	120169	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	86995	39.73	ug/l	0.00
Spiked Amount			Recovery	=	79.46%	
35) Dibromofluoromethane	5.49	113	64776	39.78	ug/l	0.00
Spiked Amount			Recovery	=	79.56%	
50) Toluene-d8	8.71	98	248631	37.82	ug/l	0.00
Spiked Amount			Recovery	=	75.64%	
62) 4-Bromofluorobenzene	11.13	95	95629	40.04	ug/l	0.00
Spiked Amount			Recovery	=	80.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	64625	43.722	ug/l	98
3) Chloromethane	1.32	50	95968	47.557	ug/l	99
4) Vinyl Chloride	1.41	62	100740	51.195	ug/l	99
5) Bromomethane	1.64	94	56745	48.045	ug/l	99
6) Chloroethane	1.71	64	63635	50.369	ug/l	99
7) Trichlorofluoromethane	1.92	101	112787	47.153	ug/l	98
8) Diethyl Ether	2.19	74	53467	47.190	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	67025	44.622	ug/l	100
10) Methyl Iodide	2.51	142	79906	46.173	ug/l	99
11) Tert butyl alcohol	3.05	59	119895	236.553	ug/l	100
12) 1,1-Dichloroethene	2.37	96	70551	46.878	ug/l	99
13) Acrolein	2.29	56	97340	212.064	ug/l	97
14) Allyl chloride	2.73	41	171411	46.736	ug/l	99
15) Acrylonitrile	3.14	53	297770	240.280	ug/l	99
16) Acetone	2.45	43	259845	221.006	ug/l	96
17) Carbon Disulfide	2.57	76	218270	51.657	ug/l	99
18) Methyl Acetate	2.78	43	115550	41.325	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	275708	47.176	ug/l	100
20) Methylene Chloride	2.85	84	87374	45.897	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	78463	48.073	ug/l	97
22) Diisopropyl ether	3.85	45	338569	48.001	ug/l	99
23) Vinyl Acetate	3.81	43	1404045	232.463	ug/l	99
24) 1,1-Dichloroethane	3.70	63	163906	47.106	ug/l	99
25) 2-Butanone	4.67	43	438914	240.230	ug/l	97
26) 2,2-Dichloropropane	4.59	77	94962	36.666	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	90694	46.553	ug/l	99
28) Bromochloromethane	5.02	49	84751	61.117	ug/l	97
29) Tetrahydrofuran	5.13	42	295750	251.552	ug/l	98
30) Chloroform	5.21	83	149613	47.542	ug/l	98
31) Cyclohexane	5.58	56	157441	48.635	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	123630	47.192	ug/l	99
36) 1,1-Dichloropropene	5.80	75	114140	47.422	ug/l	99
37) Ethyl Acetate	4.83	43	153572	45.794	ug/l	99
38) Carbon Tetrachloride	5.78	117	102041	46.662	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	137393	46.481	ug/l	99
40) Benzene	6.14	78	353464	47.452	ug/l	99
41) Methacrylonitrile	5.04	41	95347	47.763	ug/l	98
42) 1,2-Dichloroethane	6.20	62	130056	48.673	ug/l	99
43) Isopropyl Acetate	6.45	43	251530	46.891	ug/l	99
44) Trichloroethene	7.21	130	81988	45.529	ug/l	98
45) 1,2-Dichloropropane	7.51	63	100452	47.625	ug/l	98
46) Dibromomethane	7.66	93	57525	46.965	ug/l	99
47) Bromodichloromethane	7.90	83	115981	47.470	ug/l	98
48) Methyl methacrylate	7.77	41	133914	50.320	ug/l	98
49) 1,4-Dioxane	7.74	88	45463	842.371	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	888891	253.526	ug/l	99
52) Toluene	8.78	92	214146	47.294	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	131644	47.724	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	142667	46.727	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	86682	46.924	ug/l	96
56) Ethyl methacrylate	9.18	69	161254	48.902	ug/l	97
57) 1,3-Dichloropropane	9.37	76	152974	47.058	ug/l	99
59) 2-Hexanone	9.49	43	691947	251.283	ug/l	98
60) Dibromochloromethane	9.58	129	86922	48.177	ug/l	99
61) 1,2-Dibromoethane	9.67	107	89458	47.974	ug/l	100
64) Tetrachloroethene	9.34	164	69296	42.366	ug/l	98
65) Chlorobenzene	10.14	112	221648	46.467	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	79126	45.756	ug/l	100
67) Ethyl Benzene	10.25	91	412441	46.983	ug/l	100
68) m/p-Xylenes	10.36	106	304653	94.967	ug/l	99
69) o-Xylene	10.69	106	147725	46.672	ug/l	98
70) Stvrene	10.71	104	259937	47.250	ug/l	99
71) Bromoform	10.85	173	67209	47.824	ug/l #	99
73) Isopropylbenzene	11.02	105	393275	45.005	ug/l	99
74) N-amyl acetate	10.90	43	224970	44.158	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	151205	46.416	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	172028	61.714	ug/l	81
77) Bromobenzene	11.26	156	99156	45.716	ug/l	100
78) n-propylbenzene	11.36	91	454657	45.557	ug/l	100
79) 2-Chlorotoluene	11.42	91	273856	44.478	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	336928	45.791	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	45658	41.910	ug/l	96
82) 4-Chlorotoluene	11.51	91	316031	45.435	ug/l	100
83) tert-Butylbenzene	11.77	119	325716	45.506	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	338891	45.886	ug/l	100
85) sec-Butylbenzene	11.94	105	380894	44.885	ug/l	100
86) p-Isopropyltoluene	12.06	119	348574	45.691	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	174856	45.223	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	175456	45.010	ug/l	100
89) n-Butylbenzene	12.38	91	314959	45.678	ug/l	100
90) Hexachloroethane	12.59	117	58039	44.655	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	176724	44.874	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	34572	47.309	ug/l	96
93) 1,2,4-Trichlorobenzene	13.65	180	122098	45.337	ug/l	98

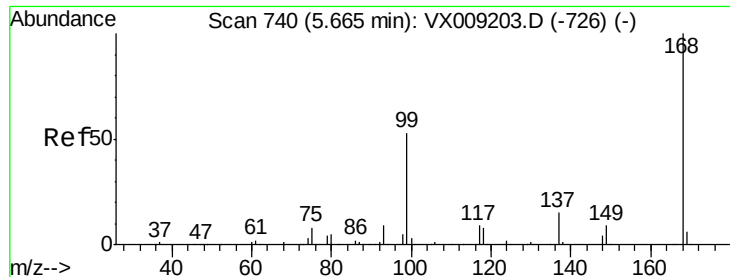
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052119\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	58956	42.869	ug/l	97
95) Naphthalene	13.83	128	400938	45.760	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	123408	45.206	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009766.D

Acq: 21 May 2019 22:25

Instrument :

MSVOA_X

ClientSampleId :

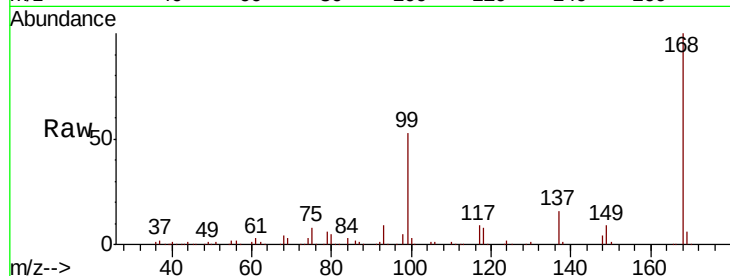
S73-0229MS

Tot Ion:168 Resp: 160397

Ion Ratio Lower Upper

168 100

99 53.3 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

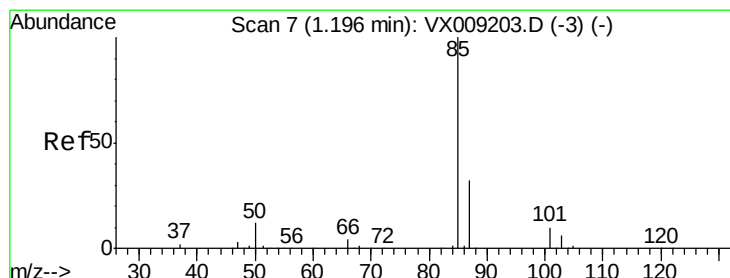
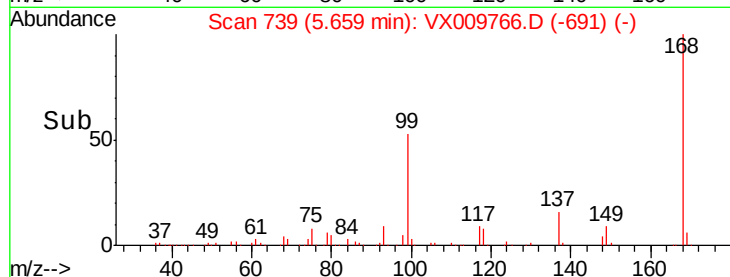
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 43.722 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX009766.D

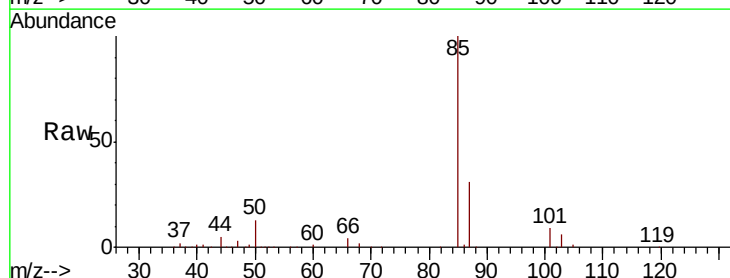
Acq: 21 May 2019 22:25

Tgt Ion: 85 Resp: 64625

Ion Ratio Lower Upper

85 100

87 31.0 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

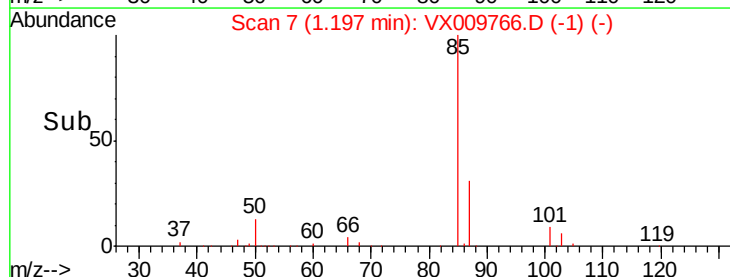
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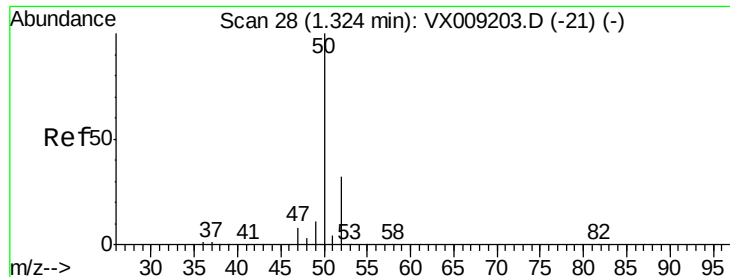
40000

20000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 47.557 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX009766.D

Acq: 21 May 2019 22:25

Instrument :

MSVOA_X

ClientSampled :

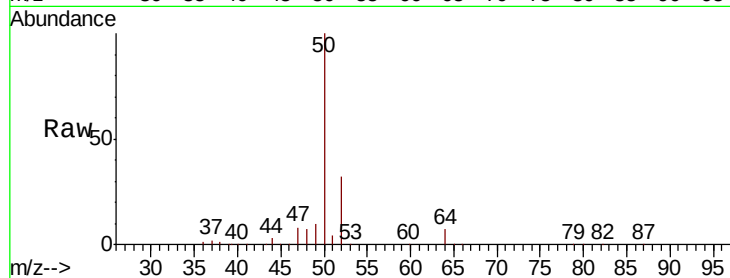
S73-0229MS

Tot Ion: 50 Resp: 95968

Ion Ratio Lower Upper

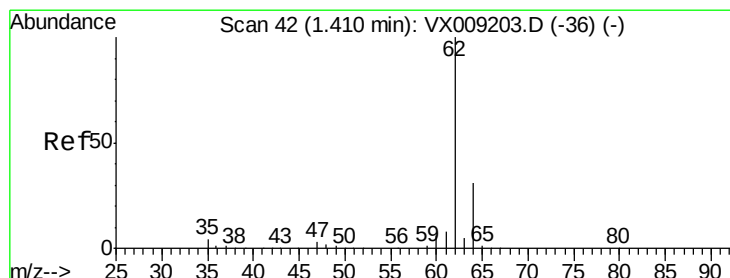
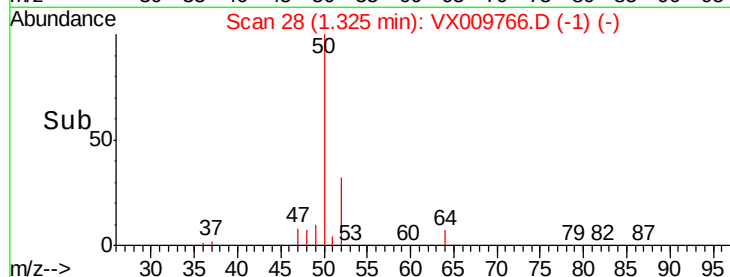
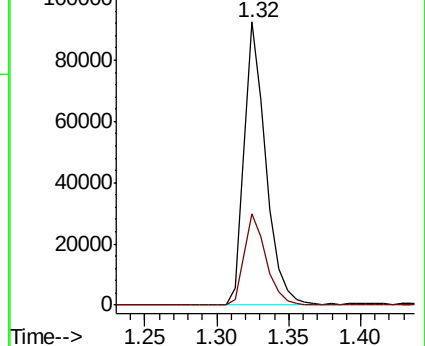
50 100

52 32.1 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: 51.195 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX009766.D

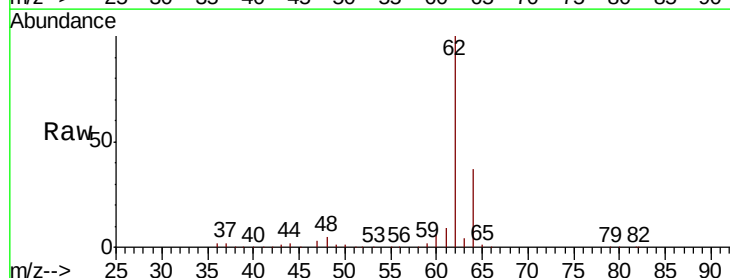
Acq: 21 May 2019 22:25

Tgt Ion: 62 Resp: 100740

Ion Ratio Lower Upper

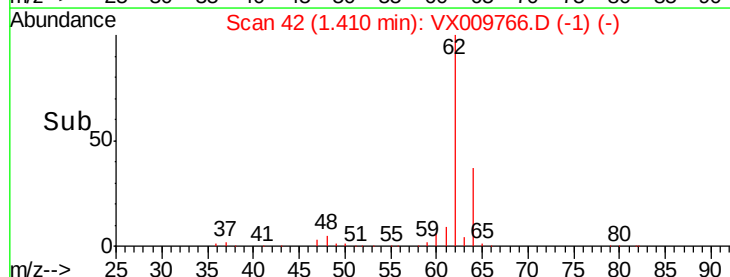
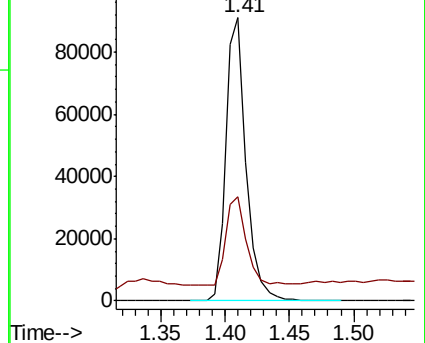
62 100

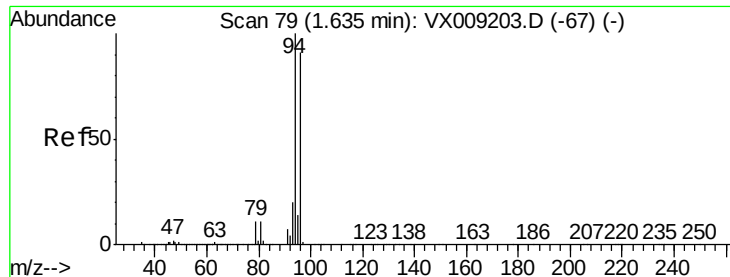
64 31.4 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 48.045 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009766.D

Acq: 21 May 2019 22:25

Instrument :

MSVOA_X

ClientSampleId :

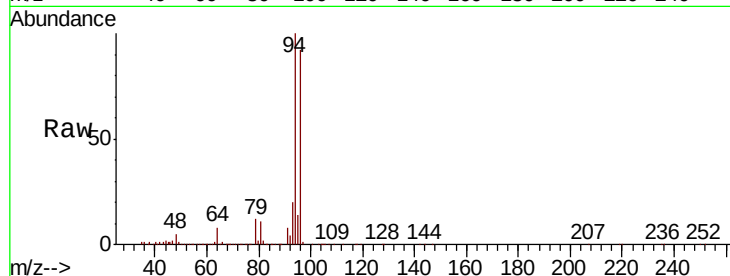
S73-0229MS

Tot Ion: 94 Resp: 56745

Ion Ratio Lower Upper

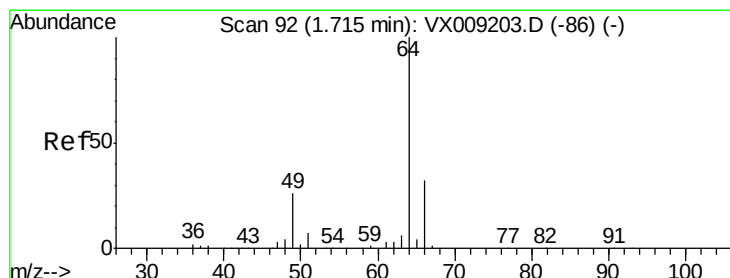
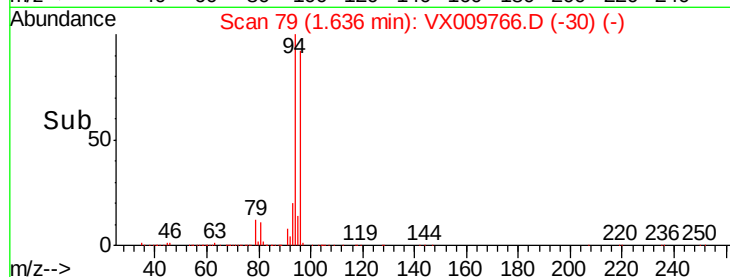
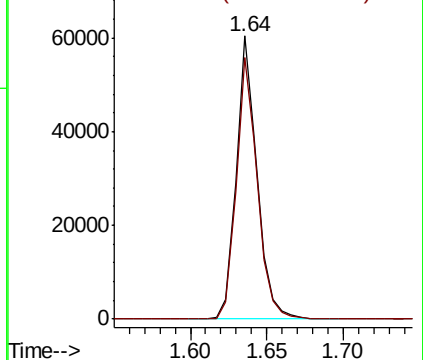
94 100

96 92.1 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: 50.369 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX009766.D

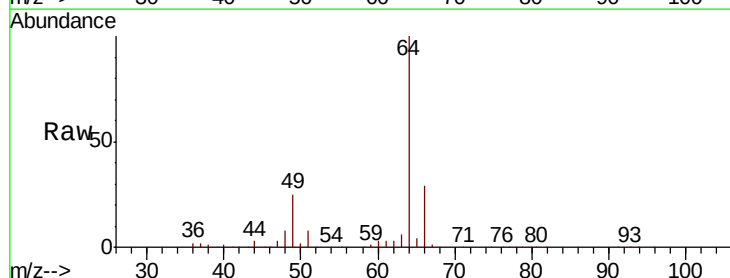
Acq: 21 May 2019 22:25

Tgt Ion: 64 Resp: 63635

Ion Ratio Lower Upper

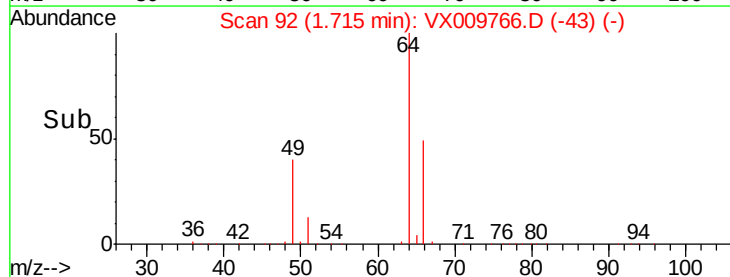
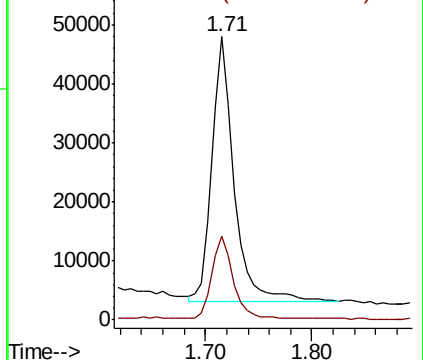
64 100

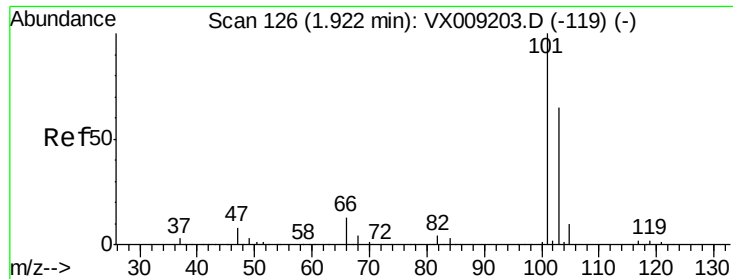
66 31.1 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



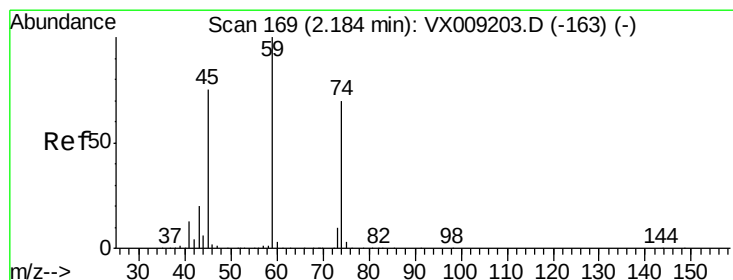
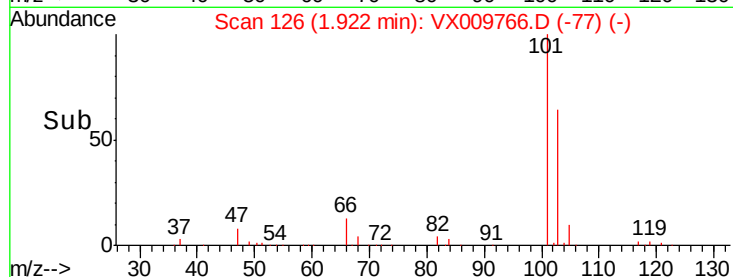
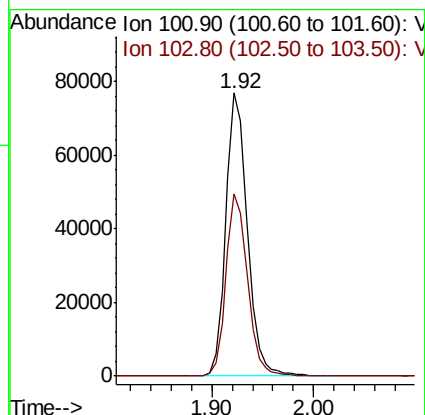
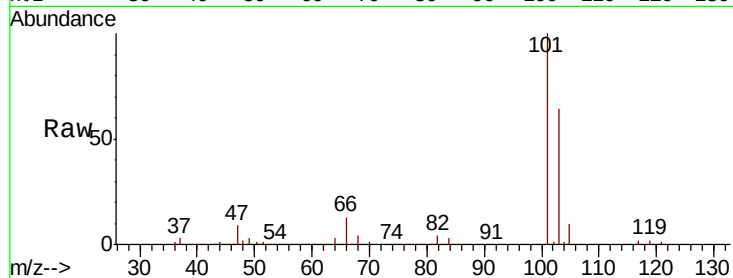


#7

Trichlorofluoromethane
 Concen: 47.153 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: VX009766.D
 Acq: 21 May 2019 22:25

Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0229MS

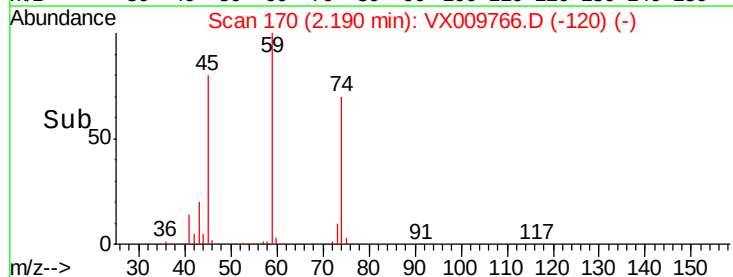
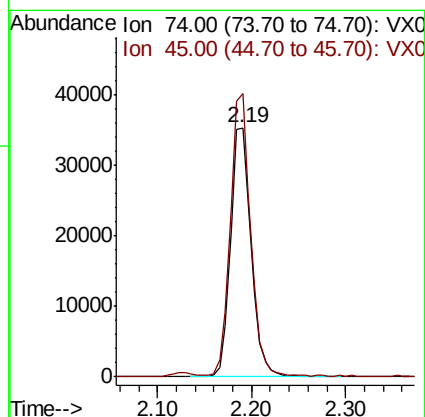
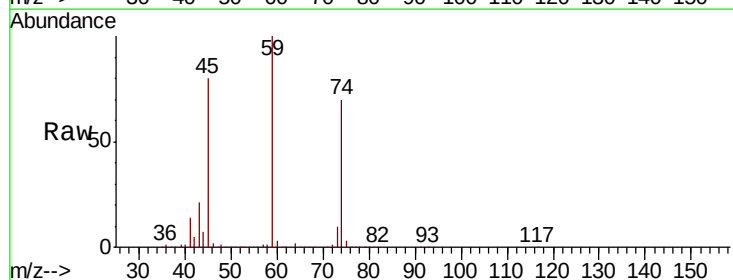
Tot Ion:101 Resp: 112787
 Ion Ratio Lower Upper
 101 100
 103 64.3 52.4 78.6

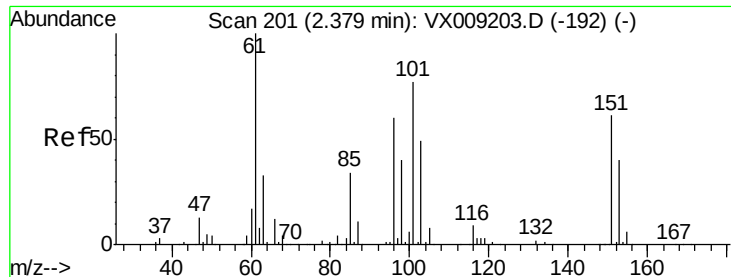


#8

Diethyl Ether
 Concen: 47.190 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX009766.D
 Acq: 21 May 2019 22:25

Tgt Ion: 74 Resp: 53467
 Ion Ratio Lower Upper
 74 100
 45 111.0 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.622 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX009766.D

Acq: 21 May 2019 22:25

Instrument :

MSVOA_X

ClientSampleId :

S73-0229MS

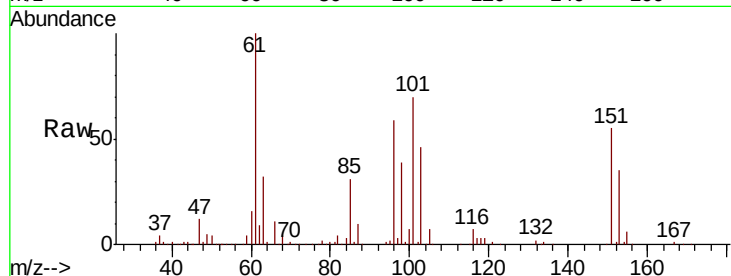
Tot Ion:101 Resp: 67025

Ion Ratio Lower Upper

101 100

85 44.6 35.7 53.5

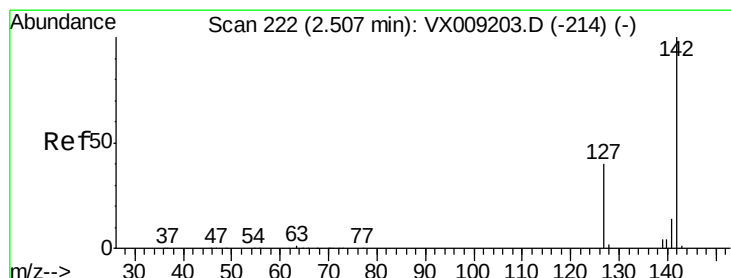
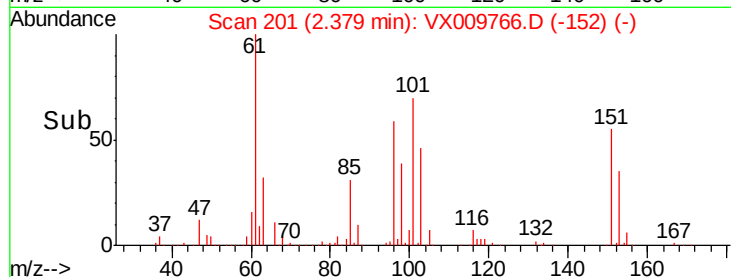
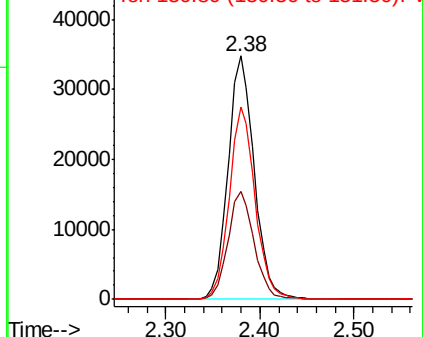
151 78.1 62.2 93.2



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: 46.173 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009766.D

Acq: 21 May 2019 22:25

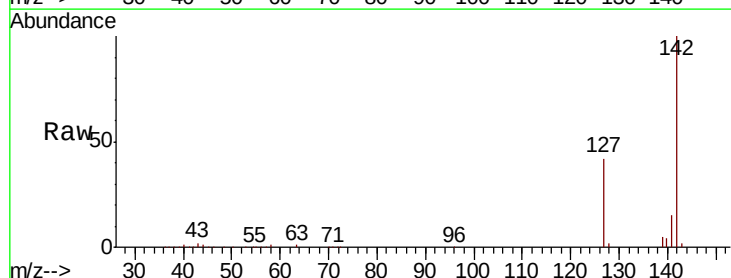
Tgt Ion:142 Resp: 79906

Ion Ratio Lower Upper

142 100

127 41.6 32.7 49.1

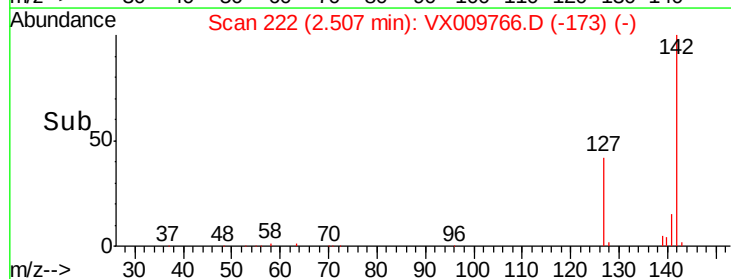
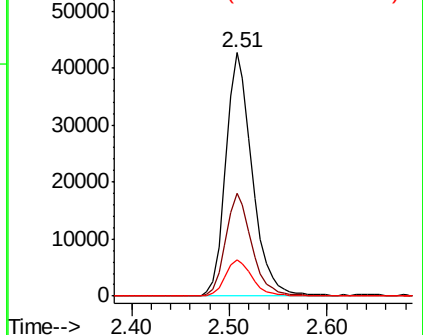
141 15.2 11.5 17.3

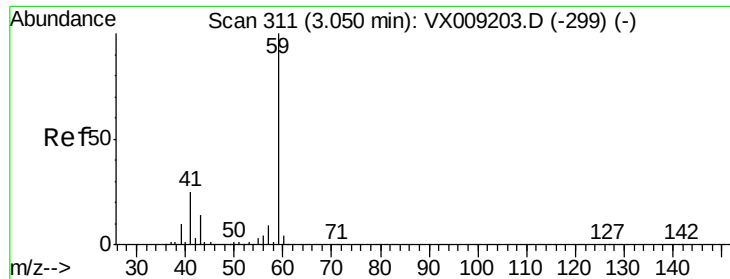


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

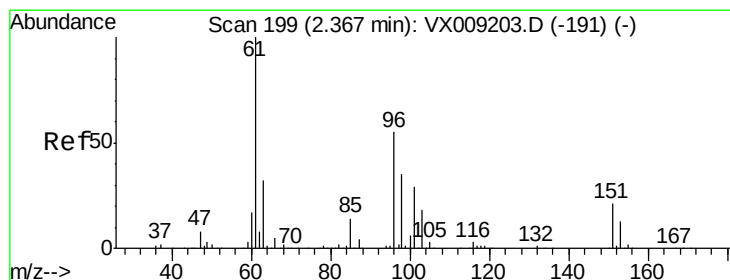
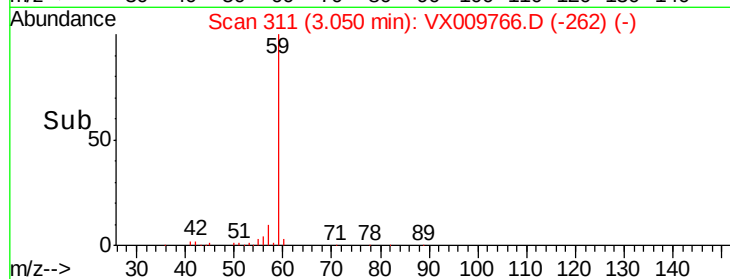
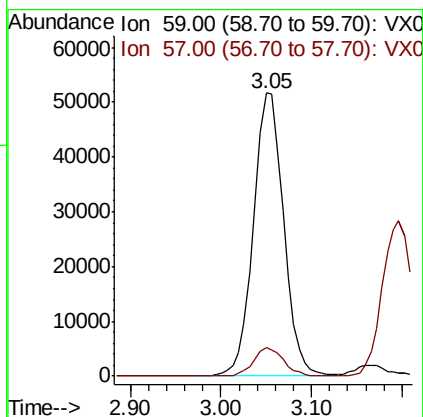
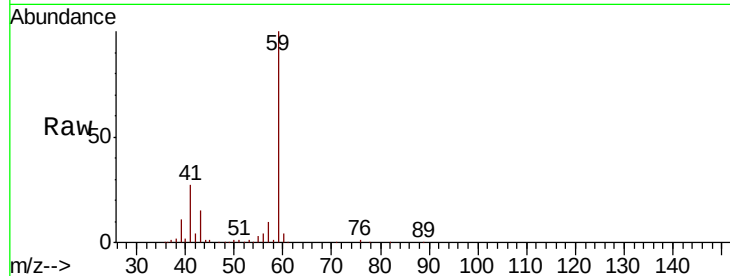




#11
Tert butyl alcohol
Concen: 236.553 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX009766.D
Acq: 21 May 2019 22:25

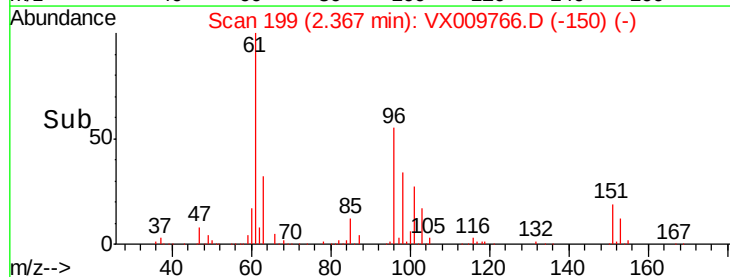
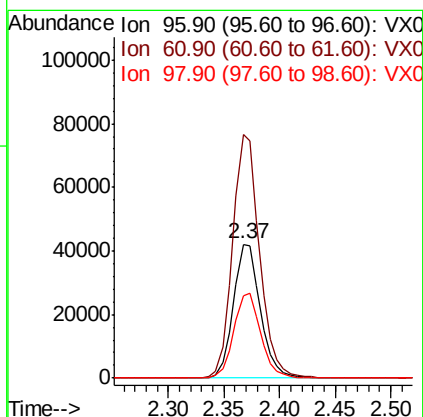
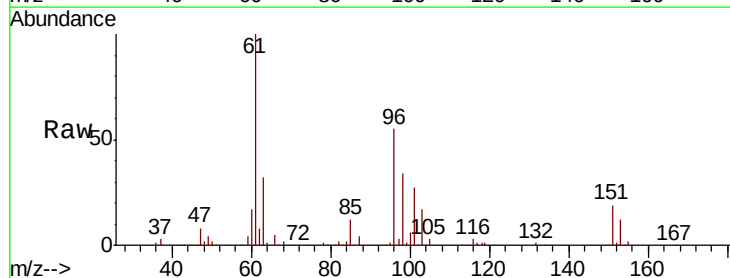
Instrument :
MSVOA_X
ClientSampleId :
S73-0229MS

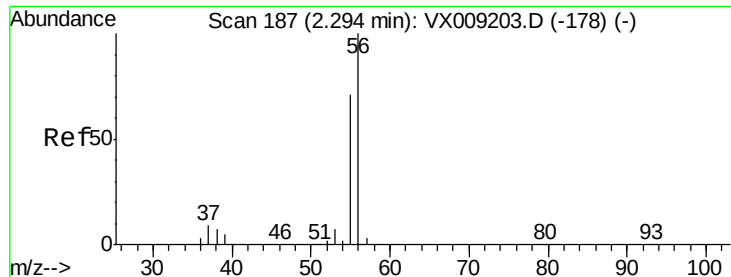
Tot Ion: 59 Resp: 119895
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.2



#12
1,1-Dichloroethene
Concen: 46.878 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX009766.D
Acq: 21 May 2019 22:25

Tgt Ion: 96 Resp: 70551
Ion Ratio Lower Upper
96 100
61 181.7 144.3 216.5
98 61.4 50.3 75.5





#13

Acrolein

Concen: 212.064 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX009766.D

Acq: 21 May 2019 22:25

Instrument :

MSVOA_X

ClientSampled :

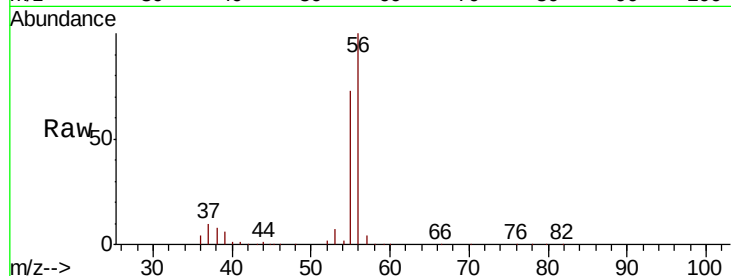
S73-0229MS

Tot Ion: 56 Resp: 97340

Ion Ratio Lower Upper

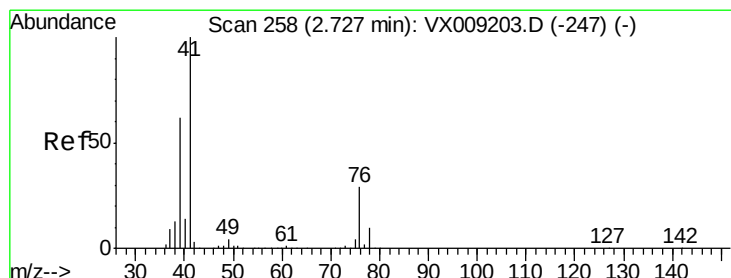
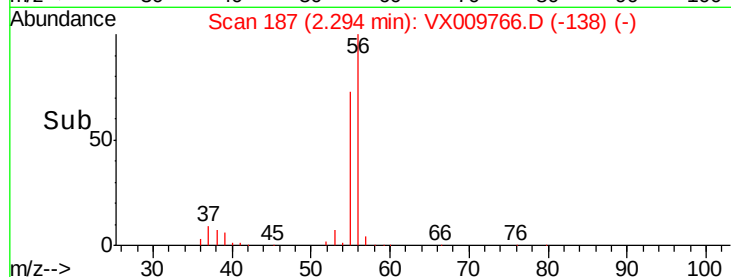
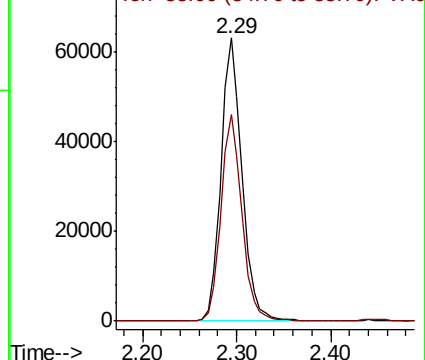
56 100

55 73.3 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 46.736 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX009766.D

Acq: 21 May 2019 22:25

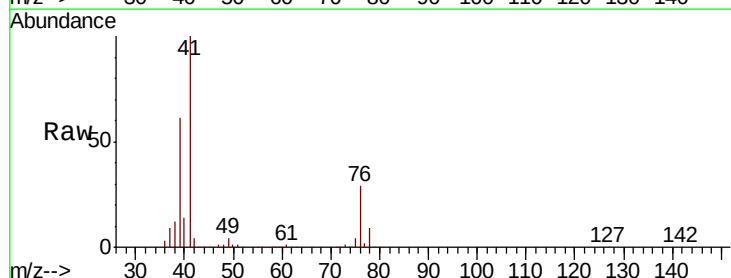
Tgt Ion: 41 Resp: 171411

Ion Ratio Lower Upper

41 100

39 59.0 46.7 70.1

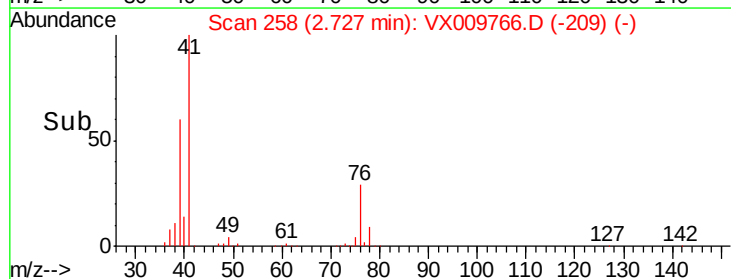
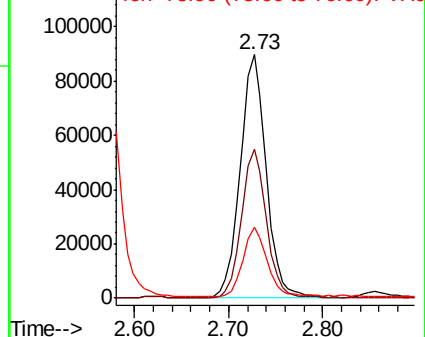
76 26.5 21.8 32.8

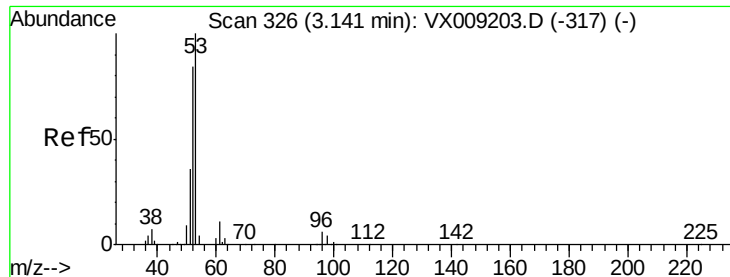


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 240.280 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX009766.D

Acq: 21 May 2019 22:25

Instrument :

MSVOA_X

ClientSampleId :

S73-0229MS

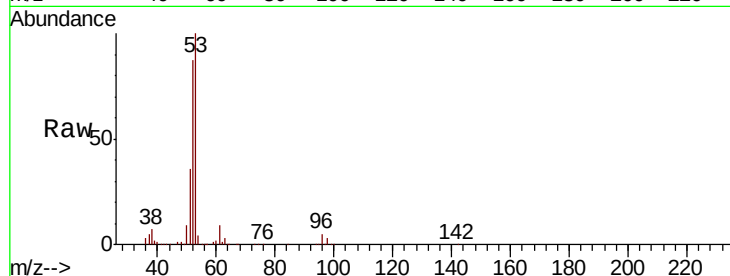
Tot Ion: 53 Resp: 297770

Ion Ratio Lower Upper

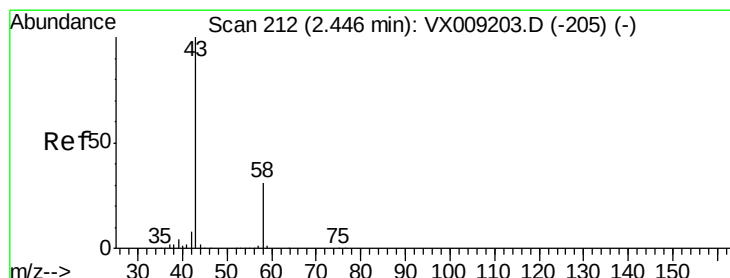
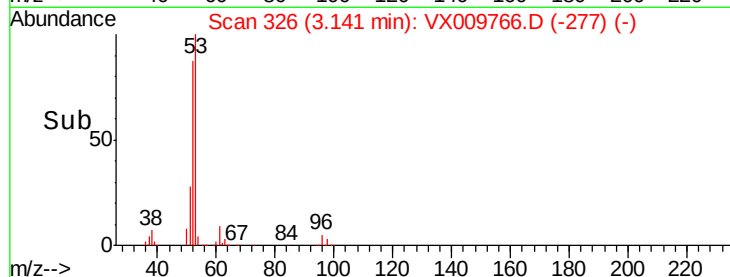
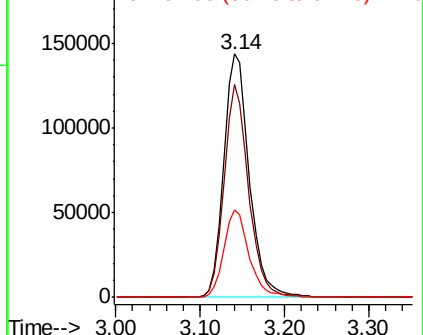
53 100

52 84.2 66.9 100.3

51 36.1 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 221.006 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX009766.D

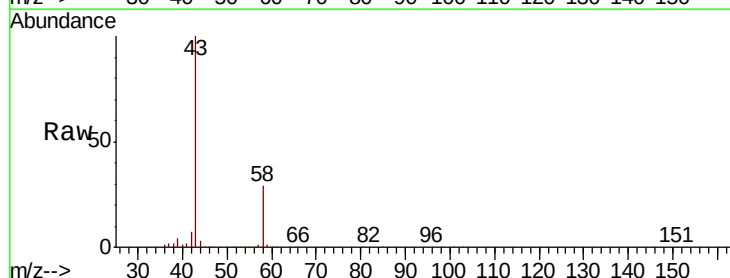
Acq: 21 May 2019 22:25

Tgt Ion: 43 Resp: 259845

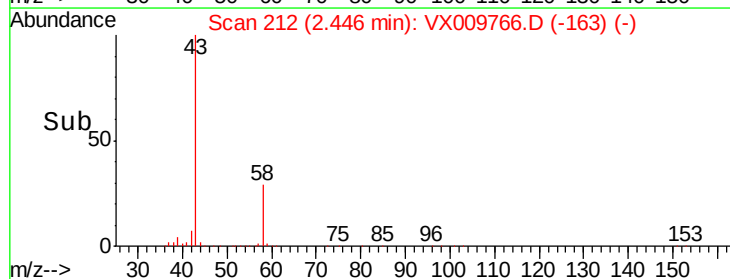
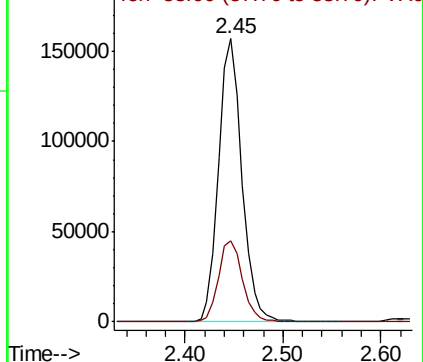
Ion Ratio Lower Upper

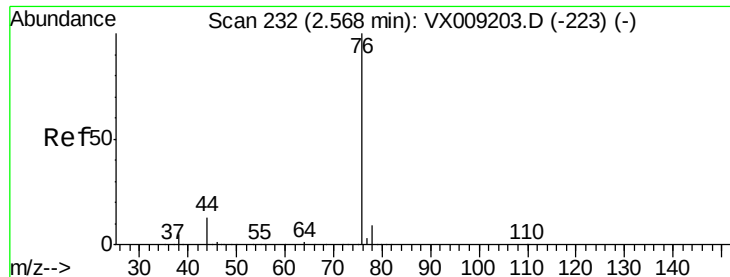
43 100

58 28.7 24.9 37.3



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





#17

Carbon Disulfide

Concen: 51.657 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX009766.D

Acq: 21 May 2019 22:25

Instrument :

MSVOA_X

ClientSampleId :

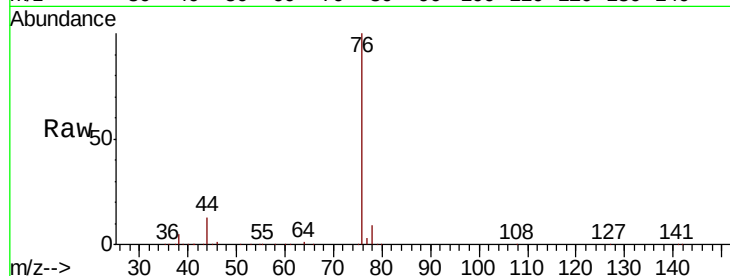
S73-0229MS

Tot Ion: 76 Resp: 218270

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

150000

100000

50000

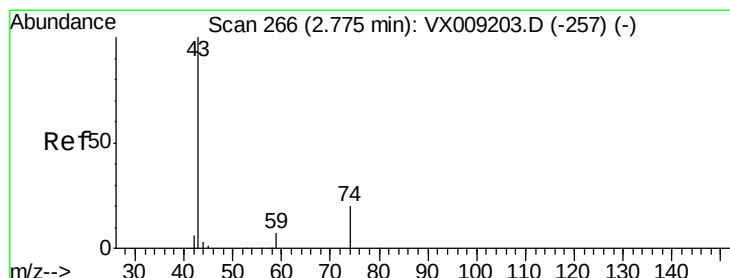
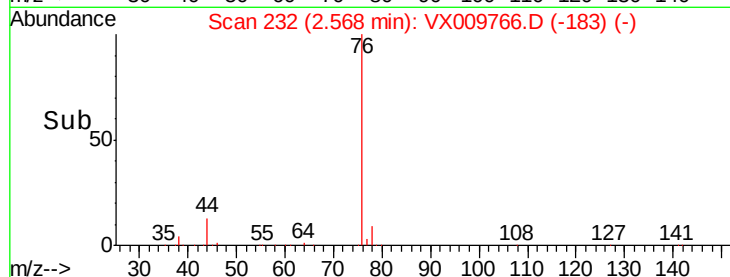
0

Time-->

2.50

2.60

2.70



#18

Methyl Acetate

Concen: 41.325 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX009766.D

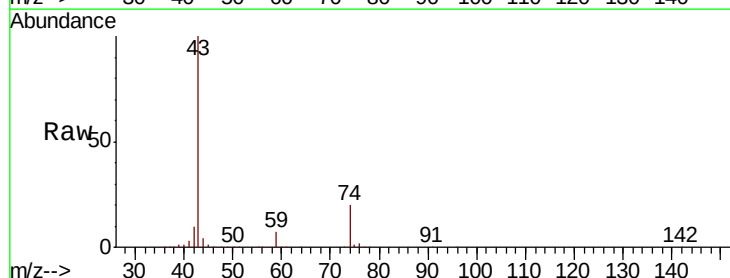
Acq: 21 May 2019 22:25

Tgt Ion: 43 Resp: 115550

Ion Ratio Lower Upper

43 100

74 19.6 16.2 24.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

60000

40000

20000

0

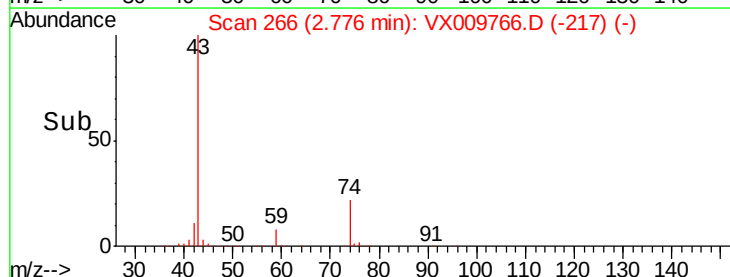
Time-->

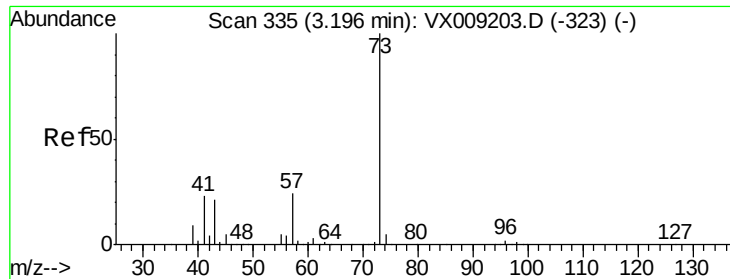
2.70

2.75

2.80

2.85

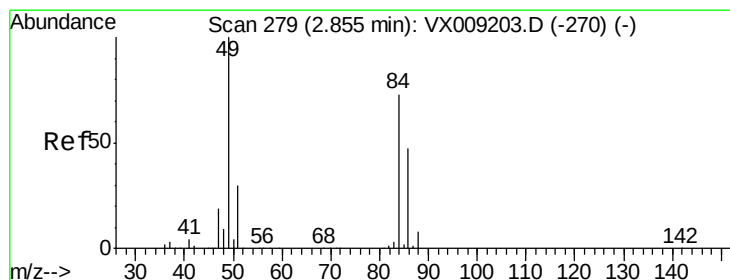
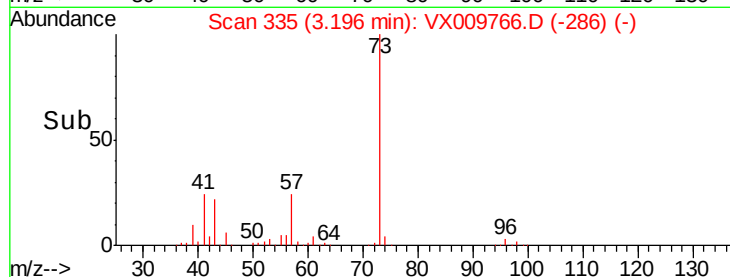
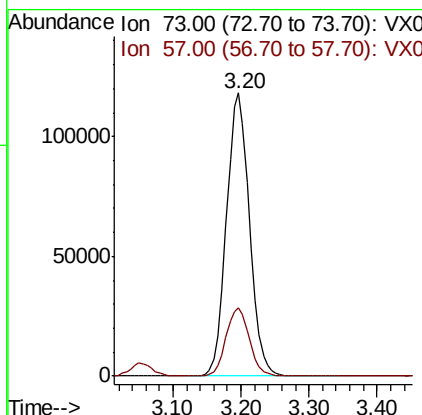
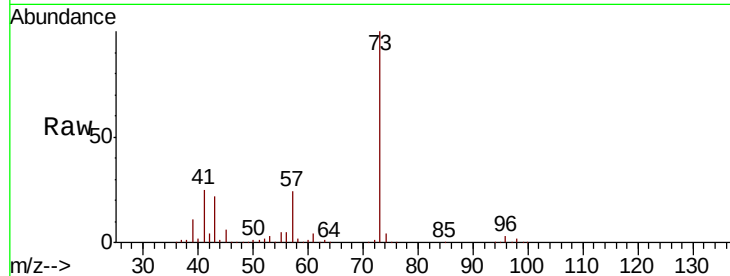




#19
Methvl tert-butvl Ether
Concen: 47.176 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX009766.D
Acq: 21 May 2019 22:25

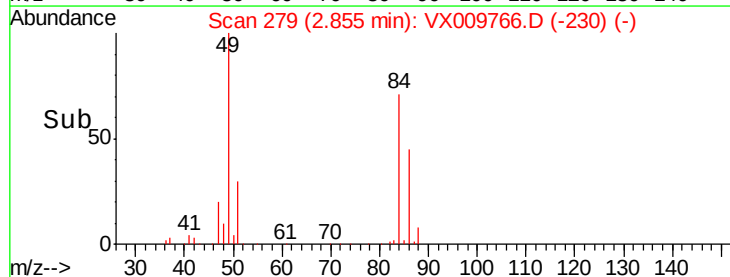
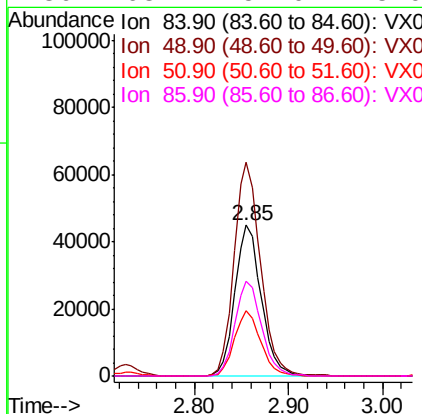
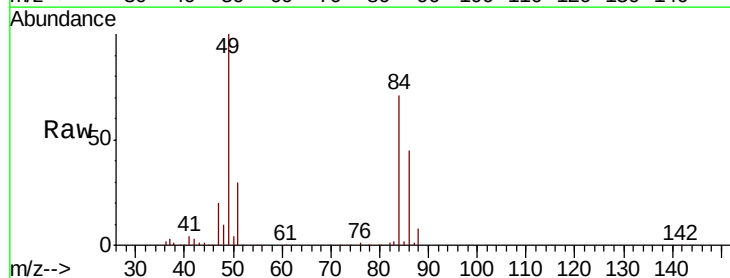
Instrument :
MSVOA_X
ClientSampleId :
S73-0229MS

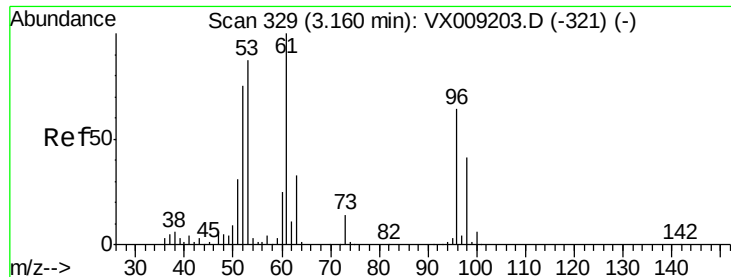
Tot Ion: 73 Resp: 275708
Ion Ratio Lower Upper
73 100
57 23.9 19.3 28.9



#20
Methylene Chloride
Concen: 45.897 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX009766.D
Acq: 21 May 2019 22:25

Tgt Ion: 84 Resp: 87374
Ion Ratio Lower Upper
84 100
49 141.6 109.9 164.9
51 42.9 32.7 49.1
86 63.2 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 48.073 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009766.D

Acq: 21 May 2019 22:25

Instrument :

MSVOA_X

ClientSampleId :

S73-0229MS

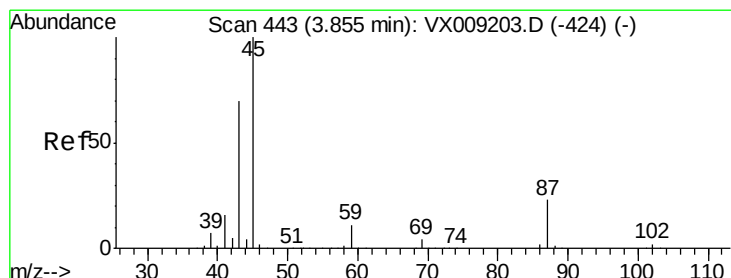
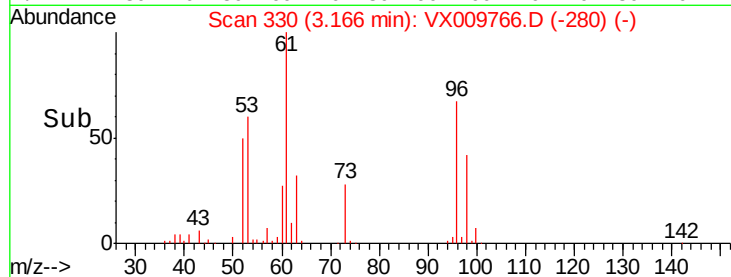
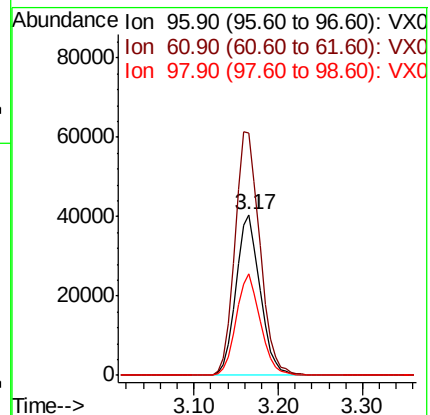
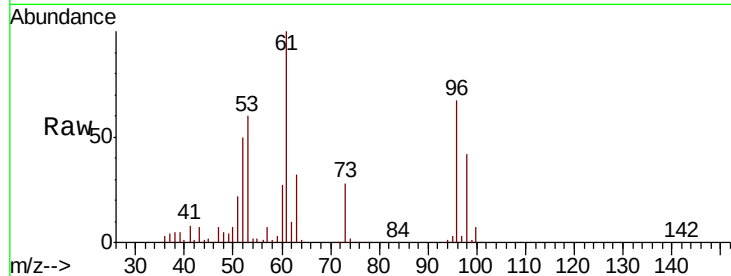
Tot Ion: 96 Resp: 78463

Ion Ratio Lower Upper

96 100

61 150.1 124.5 186.7

98 62.7 50.4 75.6



#22

Diisopropyl ether

Concen: 48.001 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX009766.D

Acq: 21 May 2019 22:25

Tgt Ion: 45 Resp: 338569

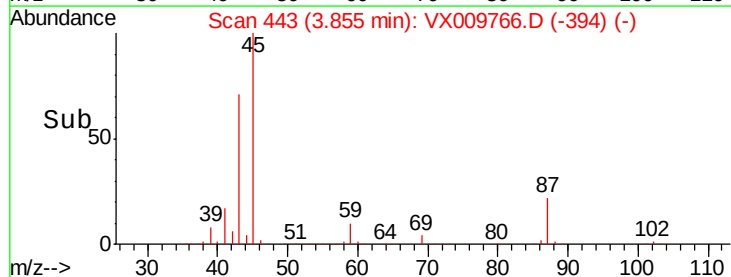
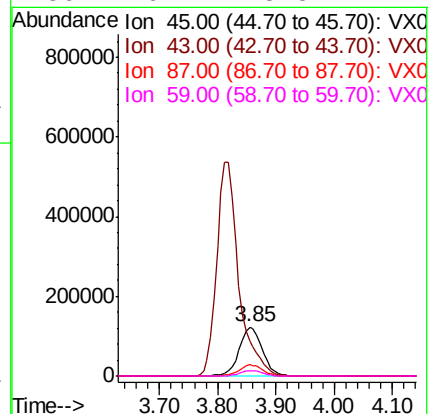
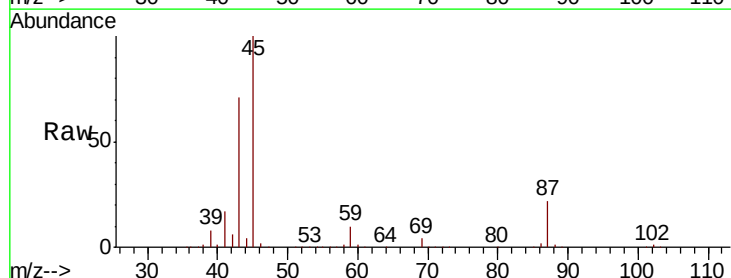
Ion Ratio Lower Upper

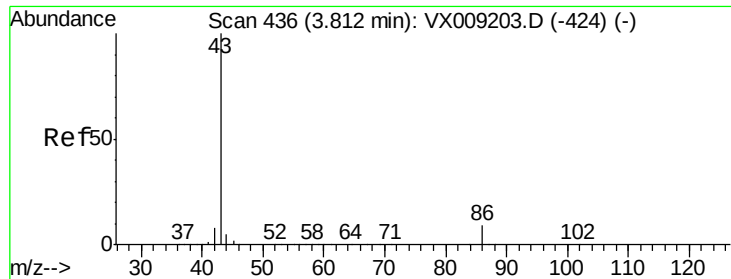
45 100

43 71.4 56.1 84.1

87 22.2 18.1 27.1

59 10.2 8.5 12.7





#23

Vinyl Acetate

Concen: 232.463 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX009766.D

Acq: 21 May 2019 22:25

Instrument :

MSVOA_X

ClientSampleId :

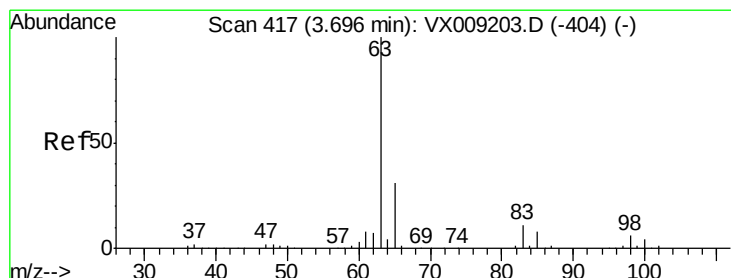
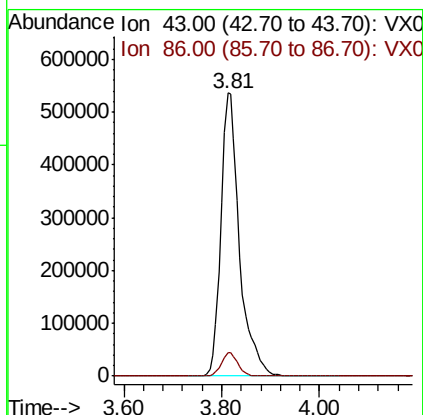
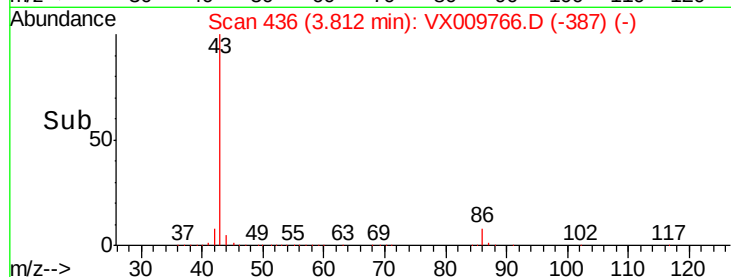
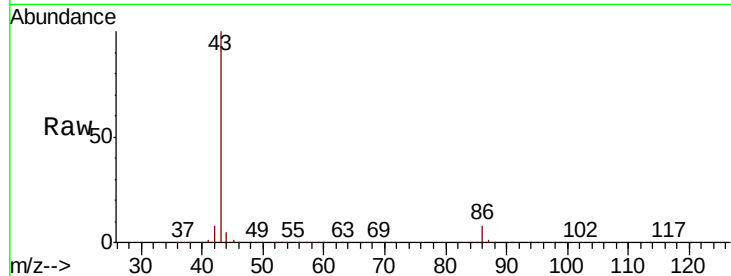
S73-0229MS

Tot Ion: 43 Resp: 1404045

Ion Ratio Lower Upper

43 100

86 8.2 6.9 10.3



#24

1,1-Dichloroethane

Concen: 47.106 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX009766.D

Acq: 21 May 2019 22:25

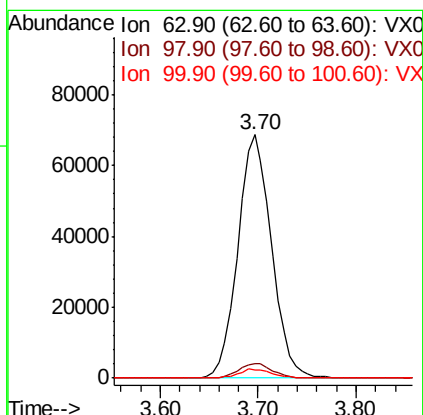
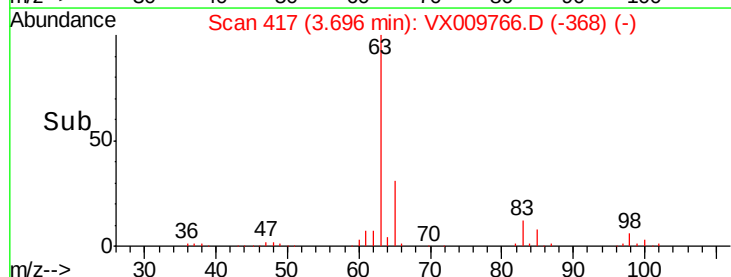
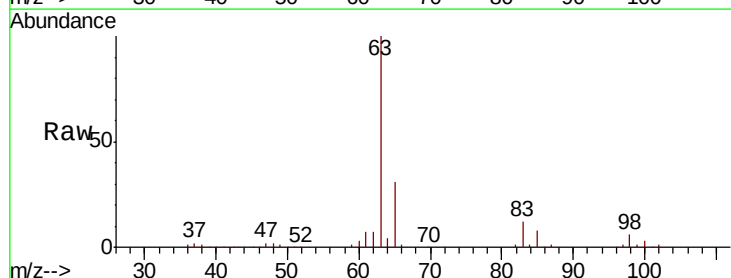
Tgt Ion: 63 Resp: 163906

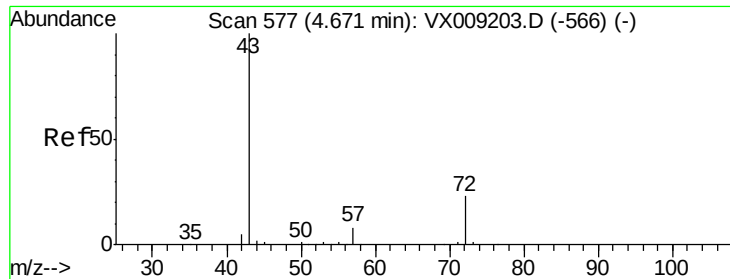
Ion Ratio Lower Upper

63 100

98 5.9 3.0 9.2

100 3.4 2.0 6.0





#25

2-Butanone

Concen: 240.230 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX009766.D

Acq: 21 May 2019 22:25

Instrument :

MSVOA_X

ClientSampled :

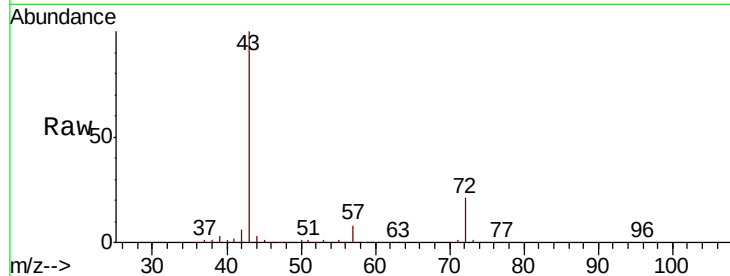
S73-0229MS

Tot Ion: 43 Resp: 438914

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

150000

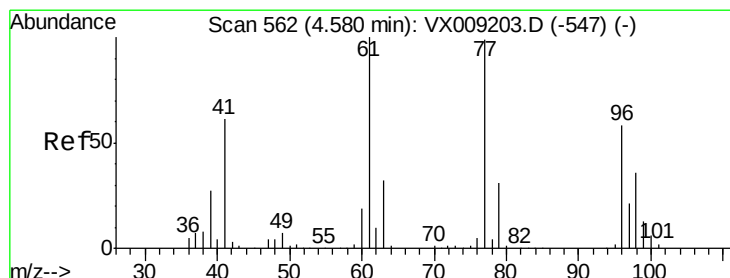
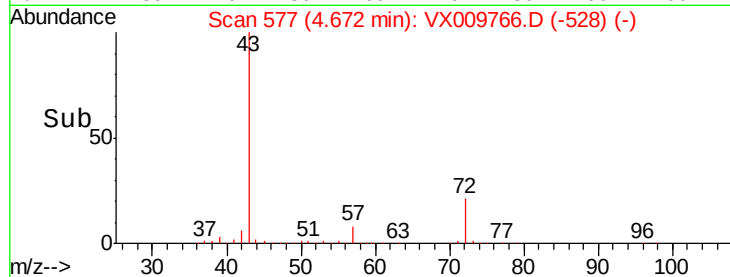
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 36.666 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX009766.D

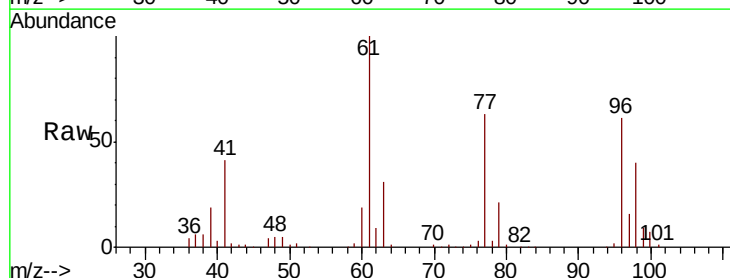
Acq: 21 May 2019 22:25

Tgt Ion: 77 Resp: 94962

Ion Ratio Lower Upper

77 100

97 23.4 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

30000

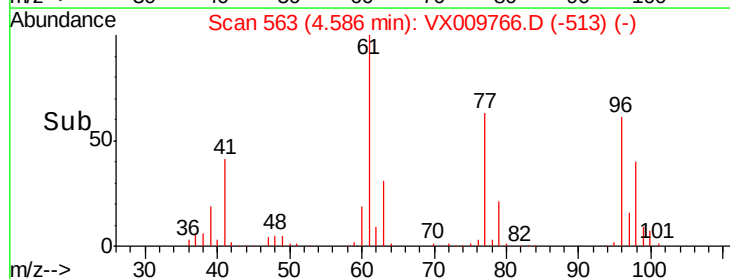
20000

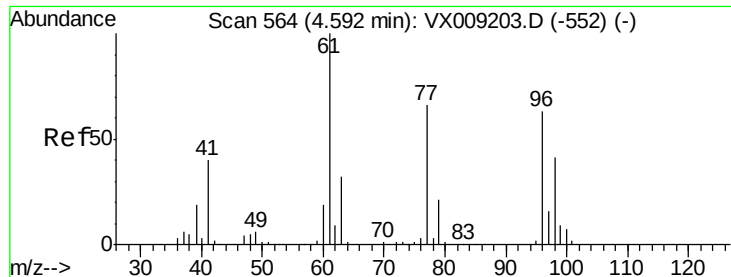
10000

0

4.40 4.50 4.60 4.70

Time-->



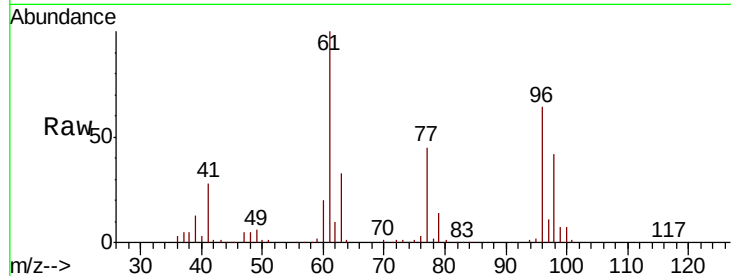


#27

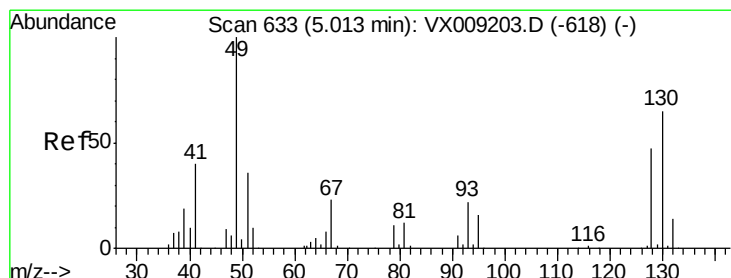
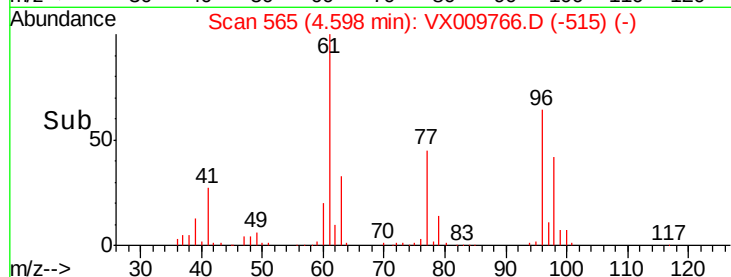
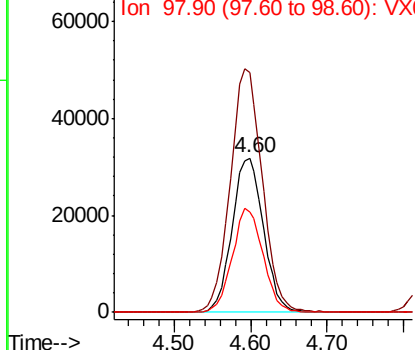
cis-1,2-Dichloroethene
 Concen: 46.553 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: VX009766.D
 Acq: 21 May 2019 22:25

Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0229MS

Tot Ion: 96 Resp: 90694
 Ion Ratio Lower Upper
 96 100
 61 161.0 0.0 324.0
 98 65.8 0.0 130.4



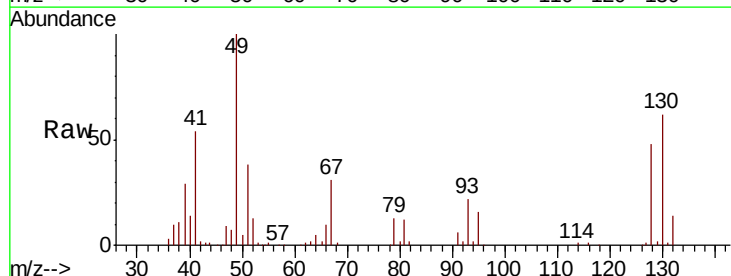
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



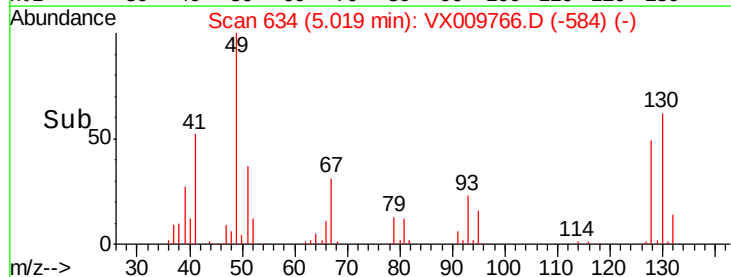
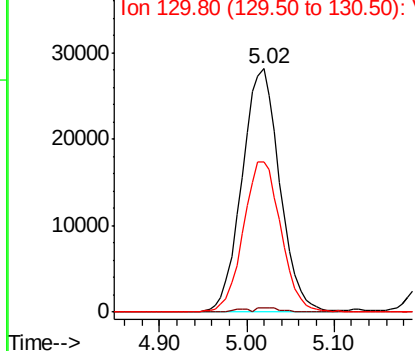
#28

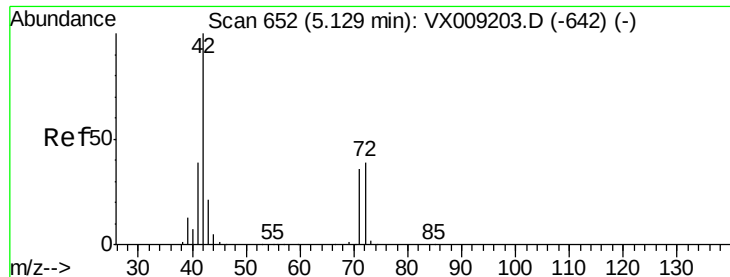
Bromochloromethane
 Concen: 61.117 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.01 min
 Lab File: VX009766.D
 Acq: 21 May 2019 22:25

Tgt Ion: 49 Resp: 84751
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 3.8
 130 61.6 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: 251.552 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX009766.D

Acq: 21 May 2019 22:25

Instrument :

MSVOA_X

ClientSampleId :

S73-0229MS

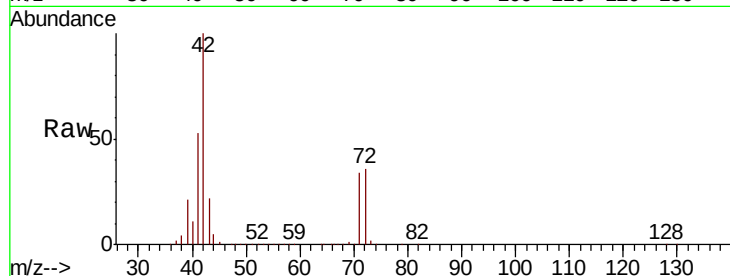
Tot Ion: 42 Resp: 295750

Ion Ratio Lower Upper

42 100

72 36.6 30.4 45.6

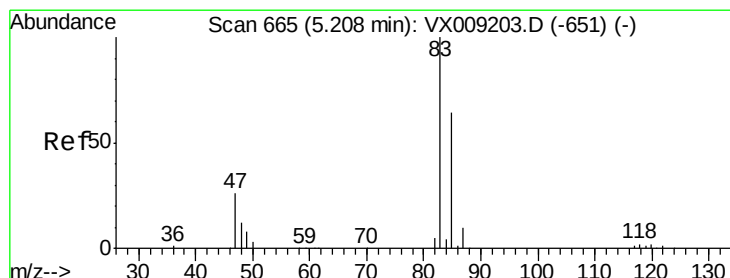
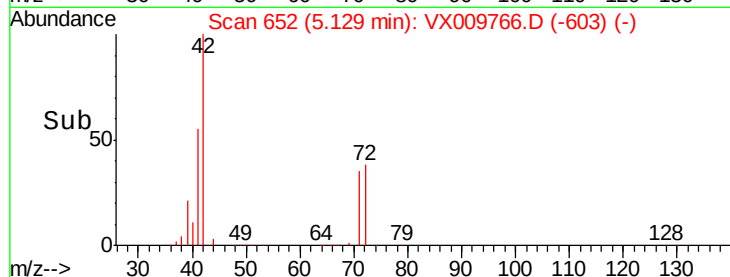
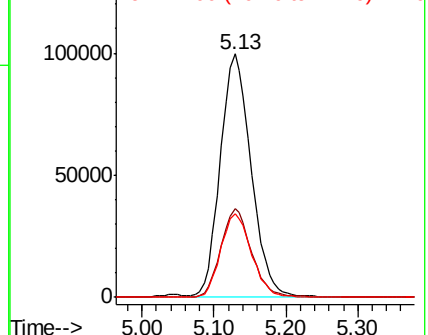
71 34.5 28.6 43.0



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: 47.542 ug/l

RT: 5.21 min Scan# 665

Delta R.T. 0.00 min

Lab File: VX009766.D

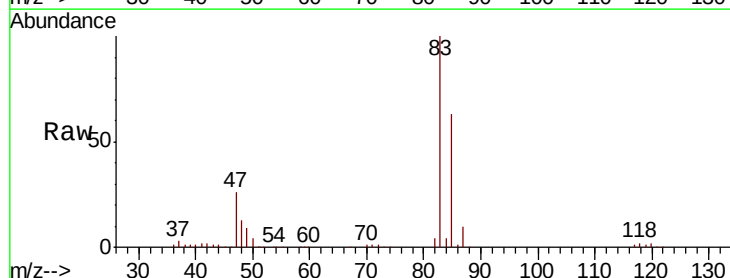
Acq: 21 May 2019 22:25

Tgt Ion: 83 Resp: 149613

Ion Ratio Lower Upper

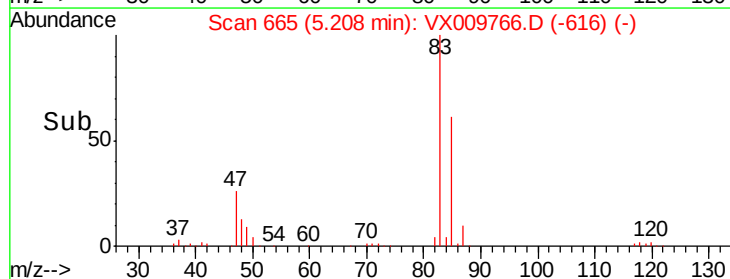
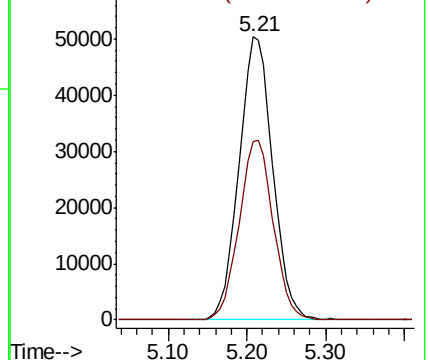
83 100

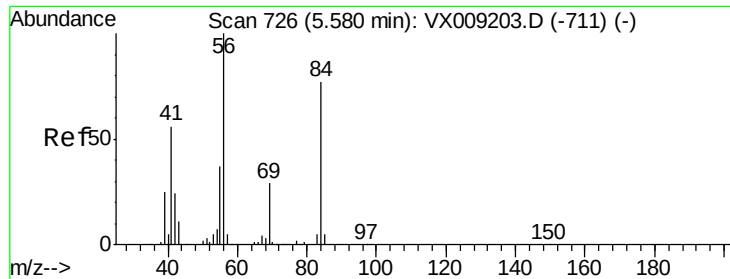
85 62.9 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

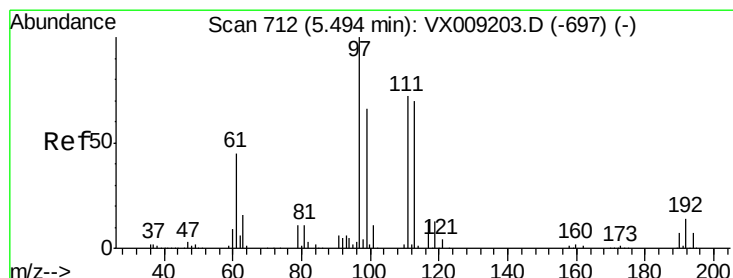
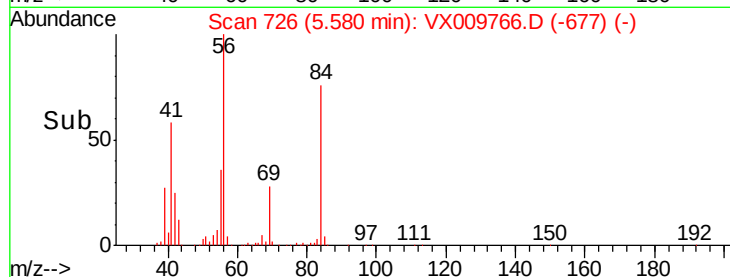
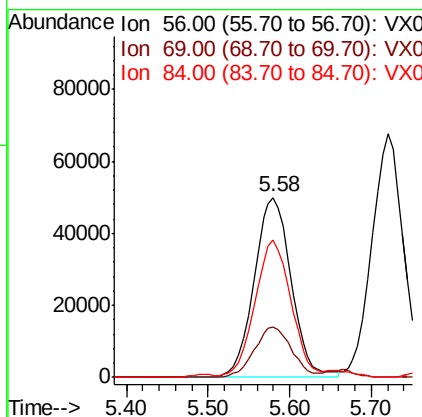
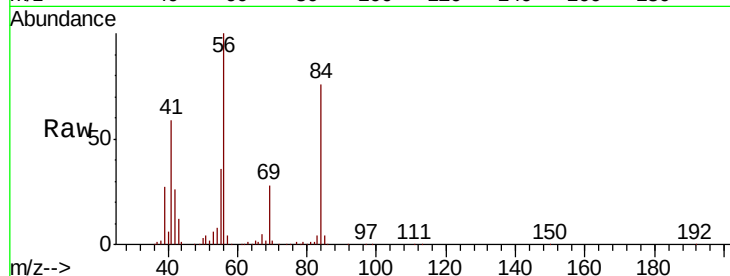




#31
Cyclohexane
Concen: 48.635 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX009766.D
Acq: 21 May 2019 22:25

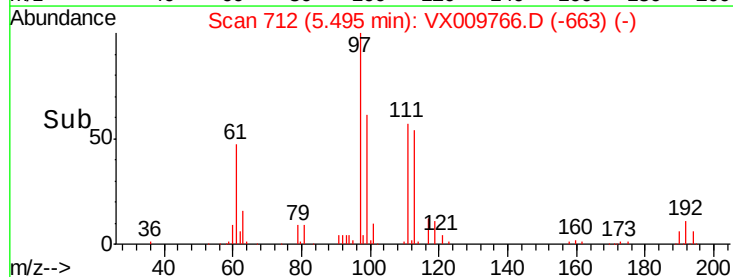
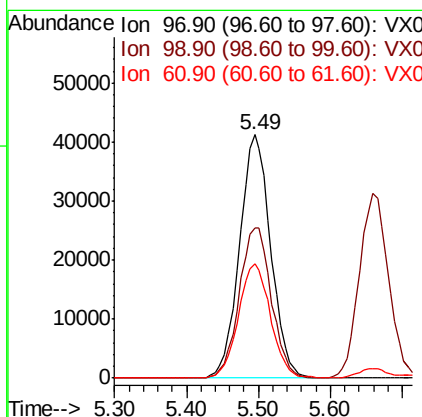
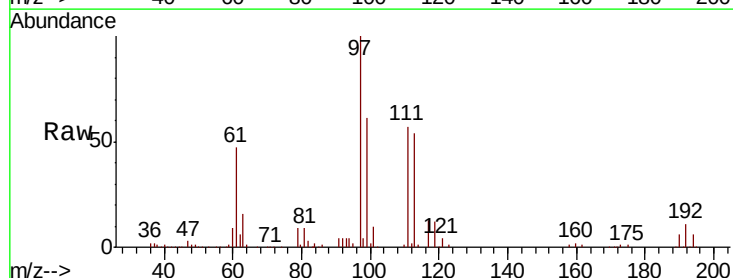
Instrument :
MSVOA_X
ClientSampleId :
S73-0229MS

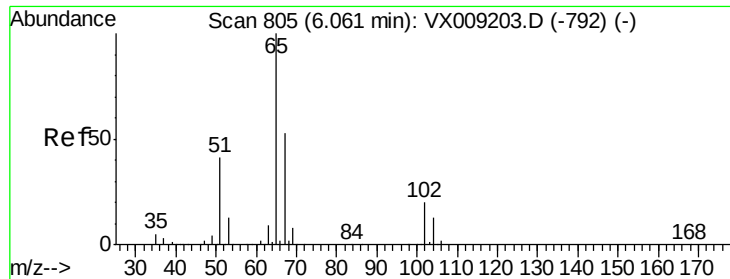
Tot Ion: 56 Resp: 157441
Ion Ratio Lower Upper
56 100
69 27.7 23.4 35.0
84 75.3 61.9 92.9



#32
1,1,1-Trichloroethane
Concen: 47.192 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX009766.D
Acq: 21 May 2019 22:25

Tgt Ion: 97 Resp: 123630
Ion Ratio Lower Upper
97 100
99 64.0 51.8 77.8
61 48.3 37.8 56.8

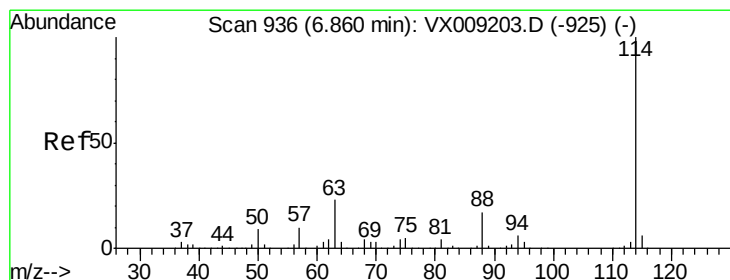
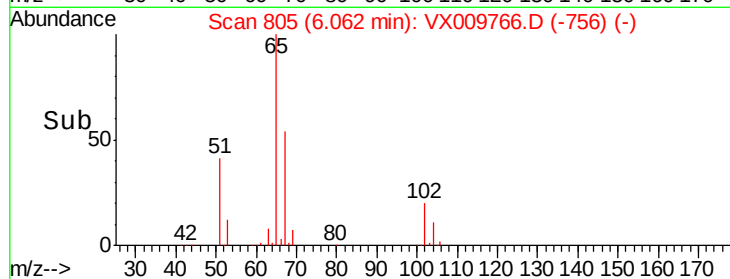
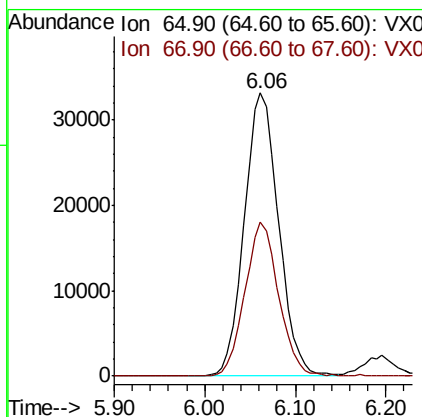
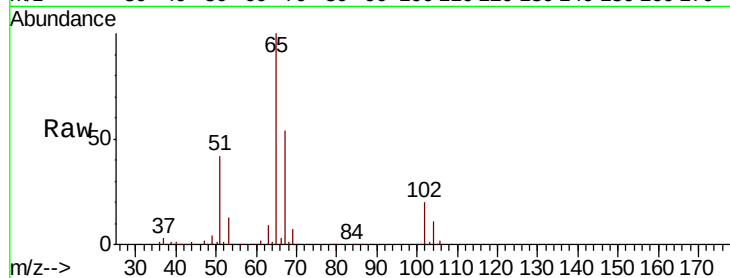




#33
 1,2-Dichloroethane-d4
 Concen: 39.731 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009766.D
 Acq: 21 May 2019 22:25

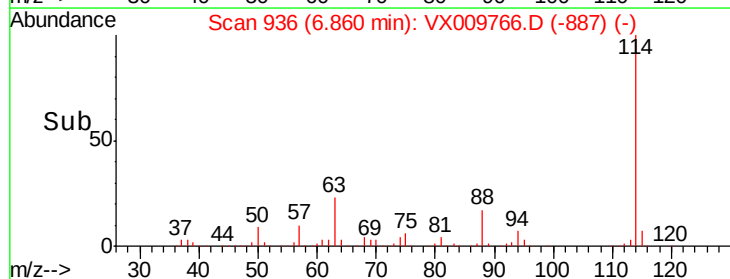
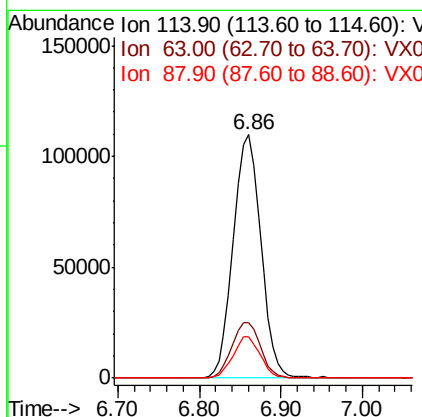
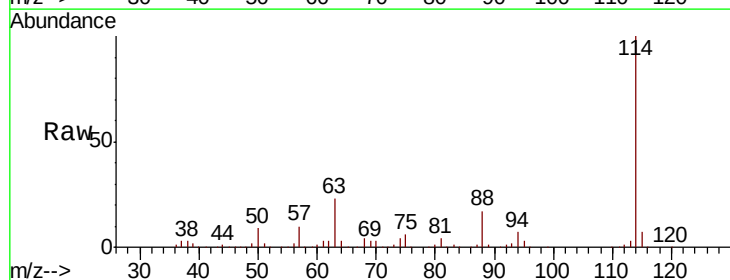
Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0229MS

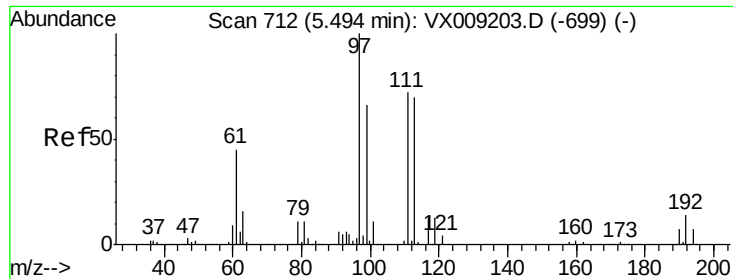
Tot Ion: 65 Resp: 86995
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009766.D
 Acq: 21 May 2019 22:25

Tgt Ion: 114 Resp: 258997
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 45.6
 88 16.9 0.0 33.2

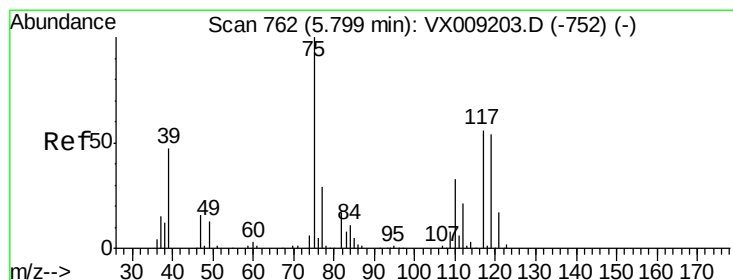
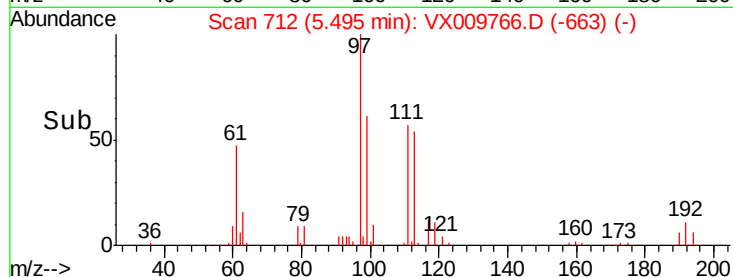
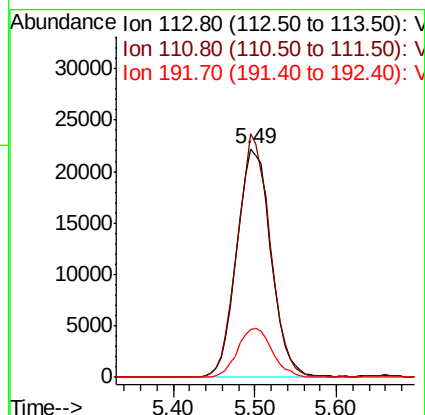
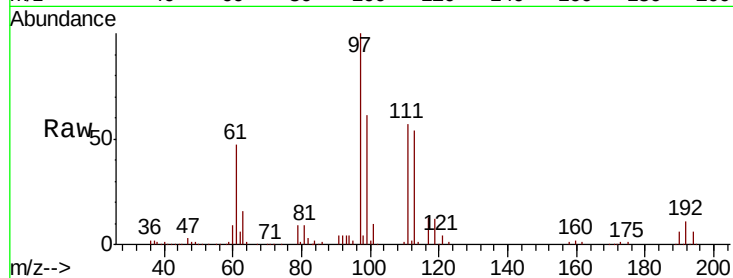




#35
 Dibromofluoromethane
 Concen: 39.785 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX009766.D
 Acq: 21 May 2019 22:25

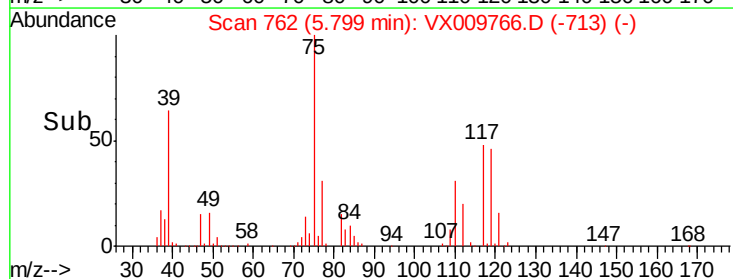
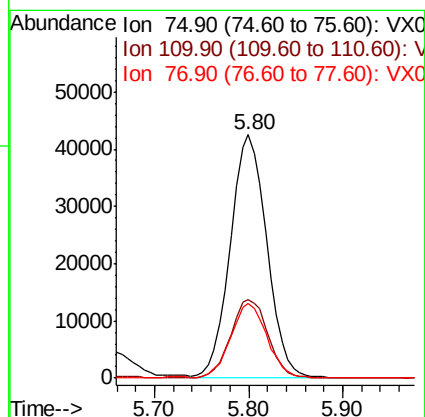
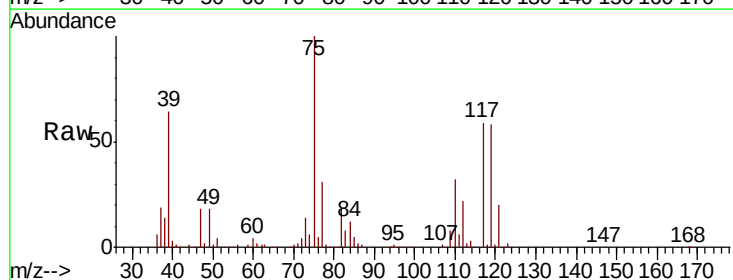
Instrument :
 MSVOA_X
 ClientSampled :
 S73-0229MS

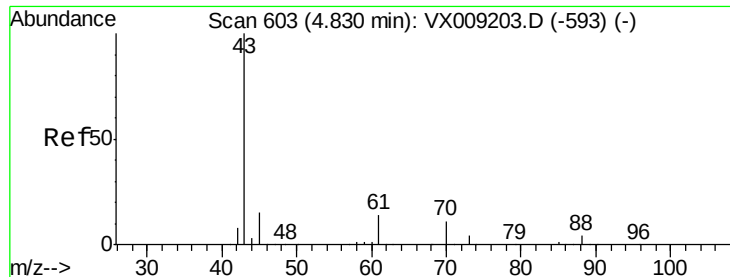
Tot Ion:113 Resp: 64776
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.8 124.2
 192 21.5 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 47.422 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX009766.D
 Acq: 21 May 2019 22:25

Tgt Ion: 75 Resp: 114140
 Ion Ratio Lower Upper
 75 100
 110 33.2 16.9 50.6
 77 30.5 24.8 37.2

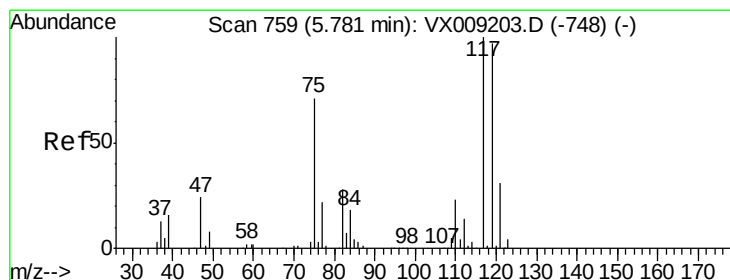
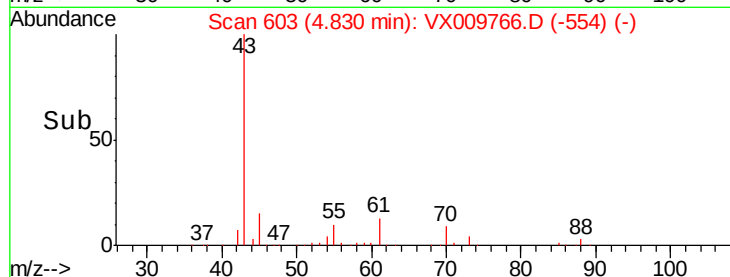
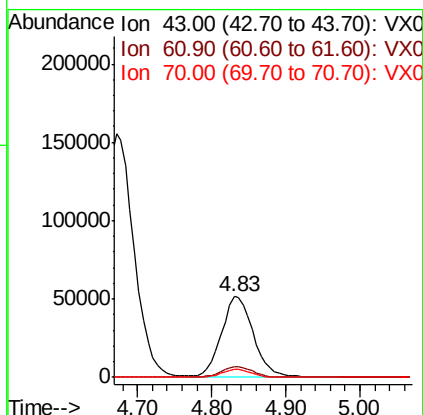
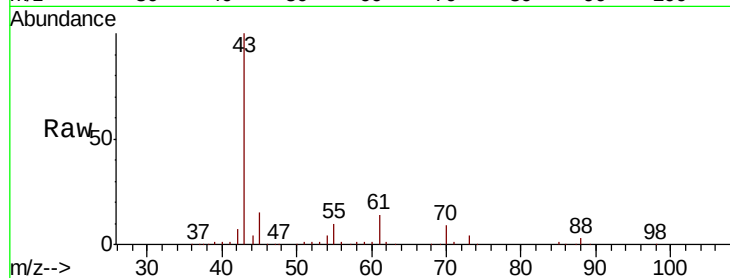




#37
Ethyl Acetate
Concen: 45.794 ug/l
RT: 4.83 min Scan# 603
Delta R.T. 0.00 min
Lab File: VX009766.D
Acq: 21 May 2019 22:25

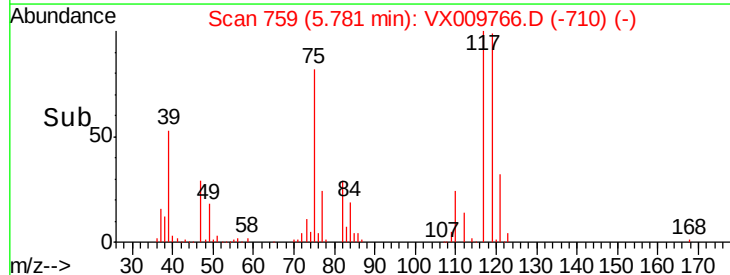
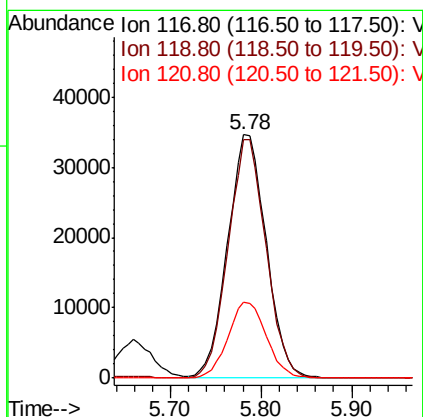
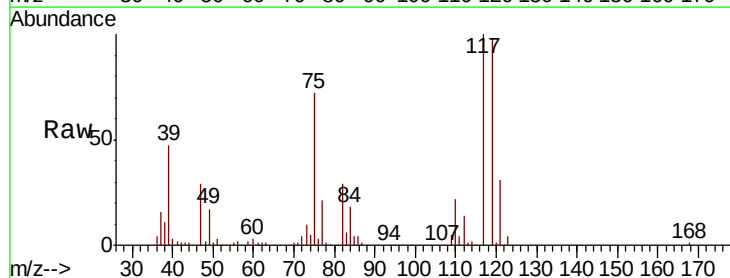
Instrument :
MSVOA_X
ClientSampleId :
S73-0229MS

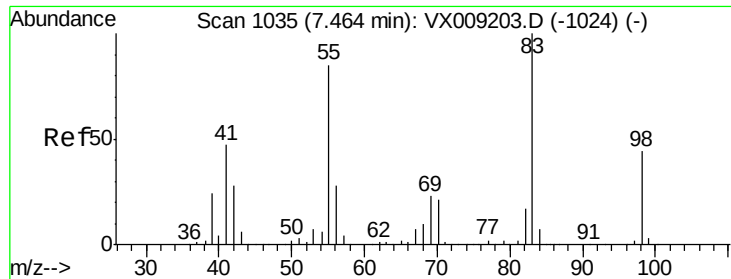
Tot Ion: 43 Resp: 153572
Ion Ratio Lower Upper
43 100
61 13.1 10.5 15.7
70 9.3 7.9 11.9



#38
Carbon Tetrachloride
Concen: 46.662 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX009766.D
Acq: 21 May 2019 22:25

Tgt Ion: 117 Resp: 102041
Ion Ratio Lower Upper
117 100
119 98.1 77.5 116.3
121 31.3 24.7 37.1

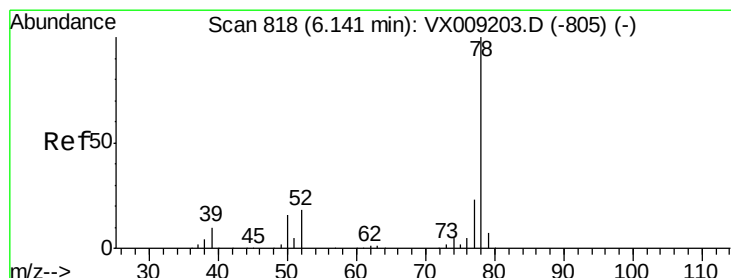
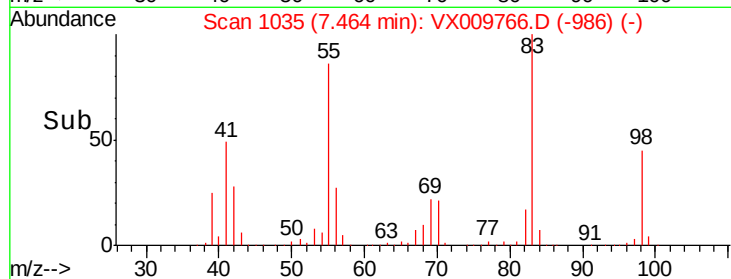
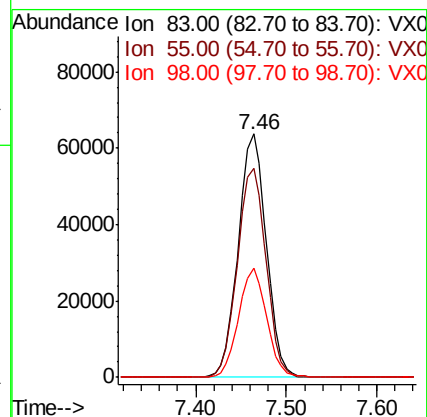
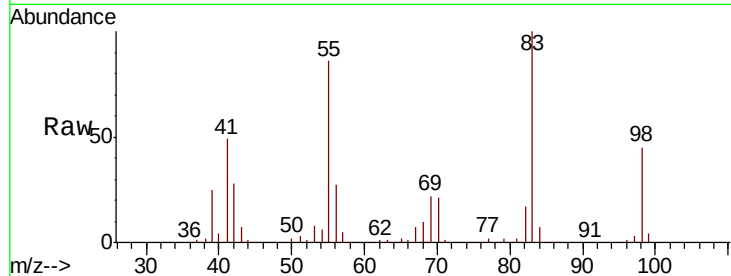




#39
Methylvlcyclohexane
Concen: 46.481 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX009766.D
Acq: 21 May 2019 22:25

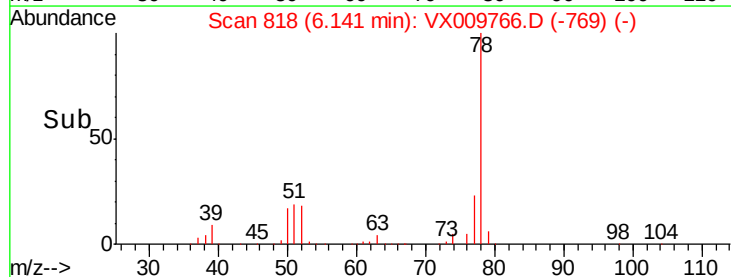
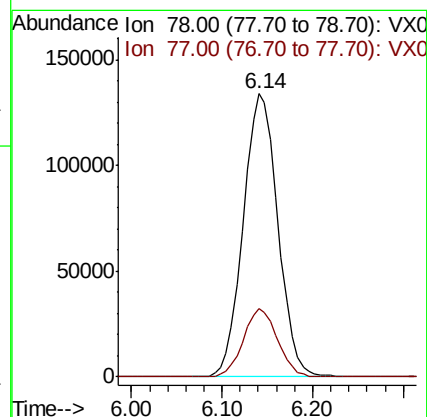
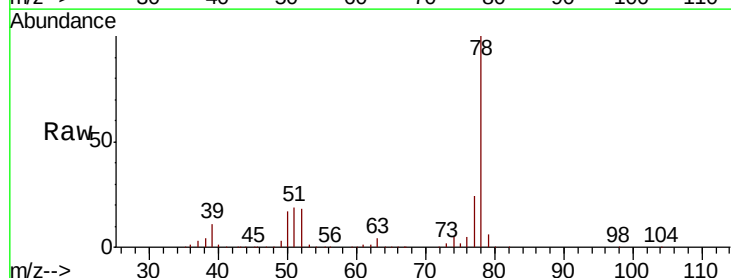
Instrument :
MSVOA_X
ClientSampleId :
S73-0229MS

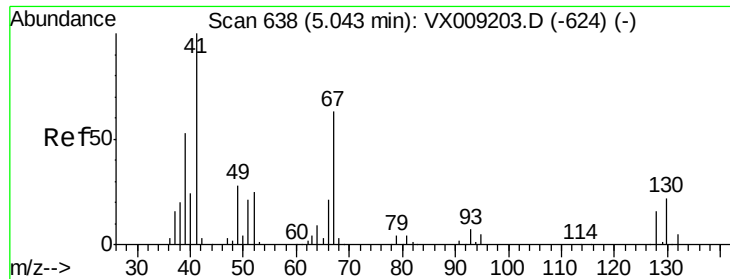
Tot Ion: 83 Resp: 137393
Ion Ratio Lower Upper
83 100
55 85.9 67.7 101.5
98 44.6 35.5 53.3



#40
Benzene
Concen: 47.452 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX009766.D
Acq: 21 May 2019 22:25

Tgt Ion: 78 Resp: 353464
Ion Ratio Lower Upper
78 100
77 24.2 18.8 28.2

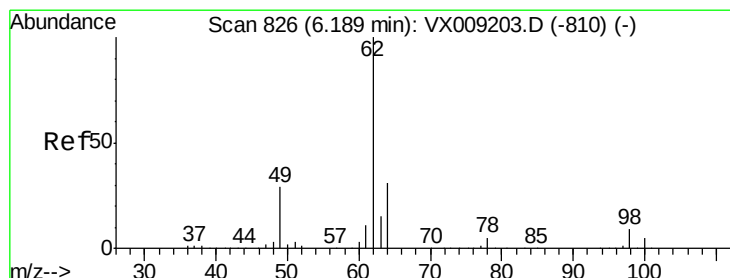
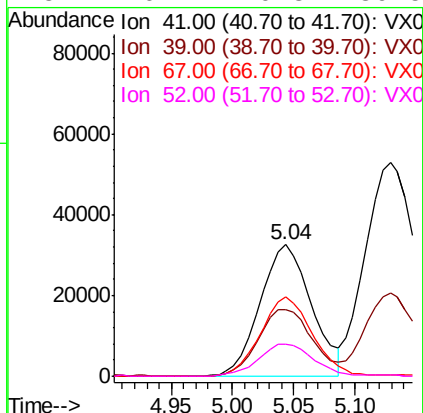
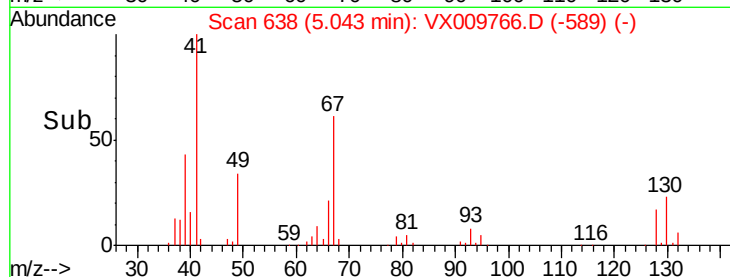
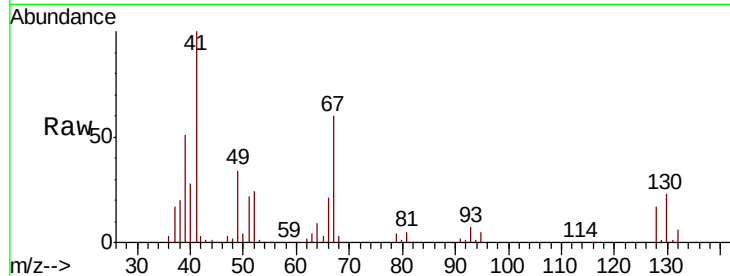




#41
Methacrylonitrile
Concen: 47.763 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX009766.D
Acq: 21 May 2019 22:25

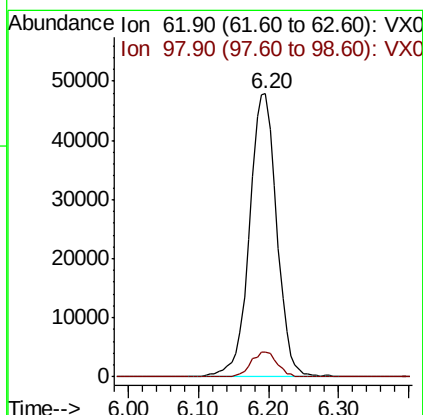
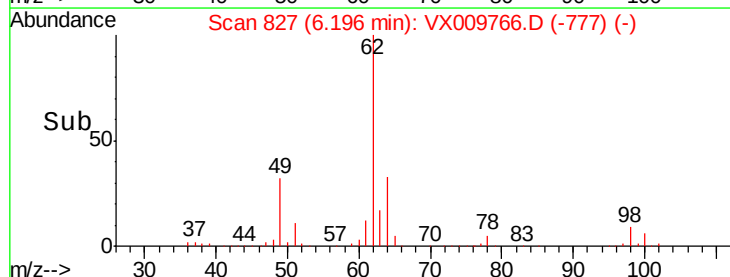
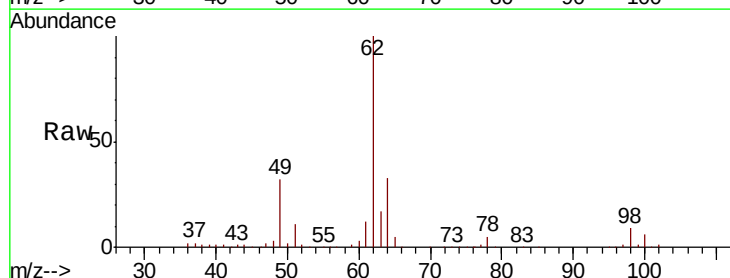
Instrument :
MSVOA_X
ClientSampled :
S73-0229MS

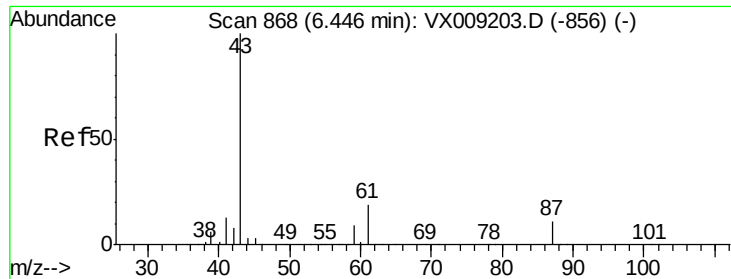
Tot Ion:	41	Resp:	95347
Ion	Ratio	Lower	Upper
41	100		
39	53.5	42.0	63.0
67	60.9	49.8	74.8
52	26.1	20.3	30.5



#42
1,2-Dichloroethane
Concen: 48.673 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX009766.D
Acq: 21 May 2019 22:25

Tgt Ion:	62	Resp:	130056
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	18.2





#43

Isopropyl Acetate

Concen: 46.891 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX009766.D

Acq: 21 May 2019 22:25

Instrument :

MSVOA_X

ClientSampled :

S73-0229MS

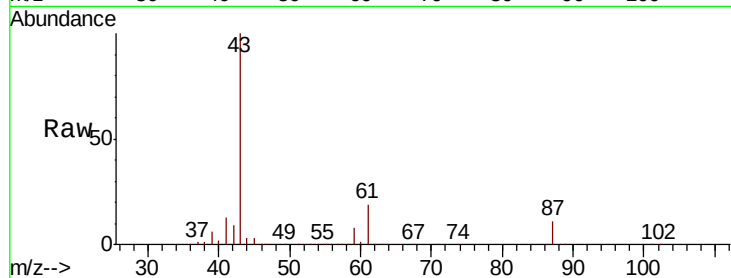
Tot Ion: 43 Resp: 251530

Ion Ratio Lower Upper

43 100

61 18.6 15.1 22.7

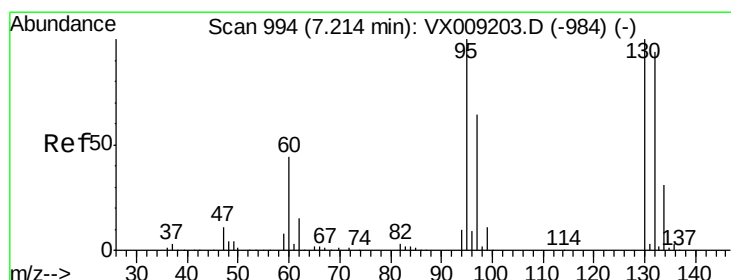
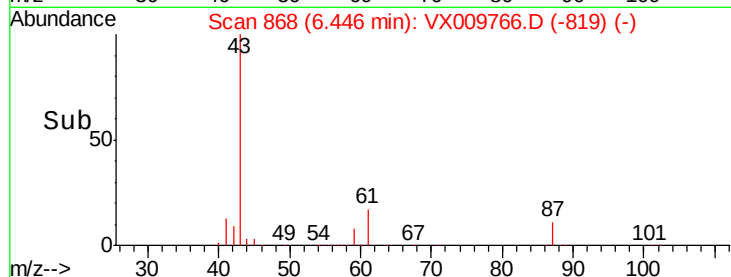
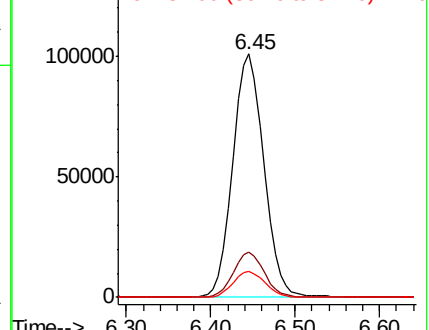
87 11.0 9.0 13.6



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: 45.529 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX009766.D

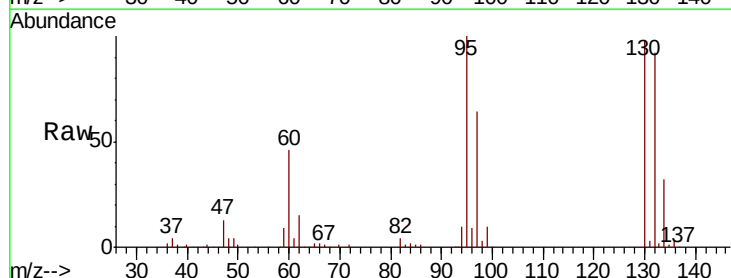
Acq: 21 May 2019 22:25

Tgt Ion:130 Resp: 81988

Ion Ratio Lower Upper

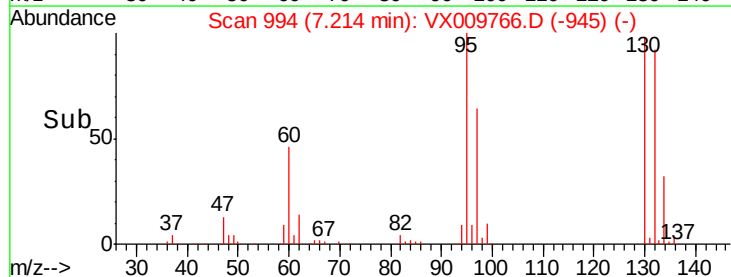
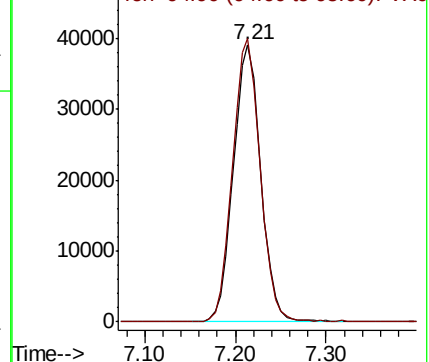
130 100

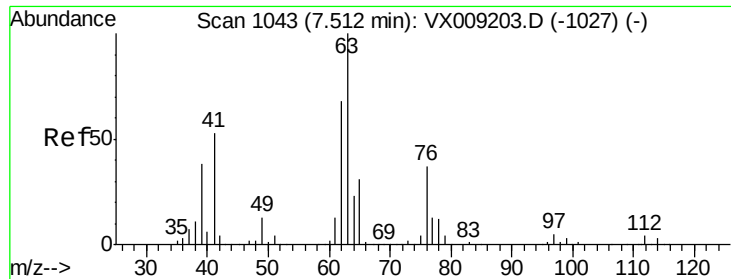
95 102.0 0.0 199.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

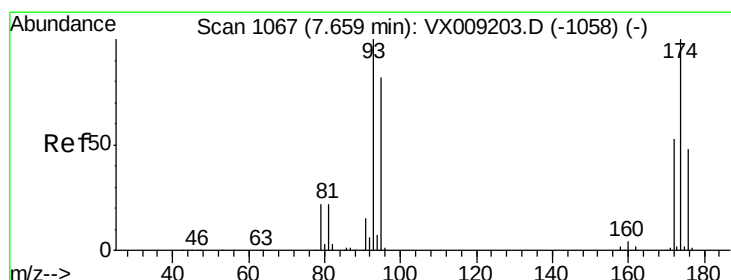
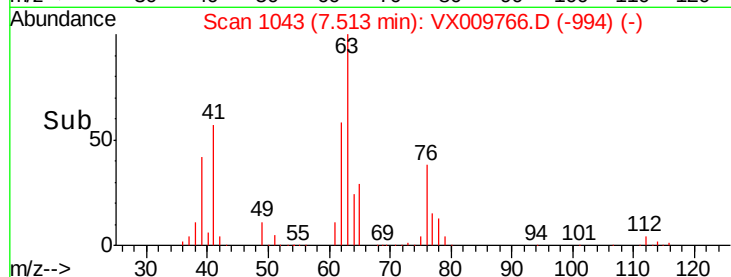
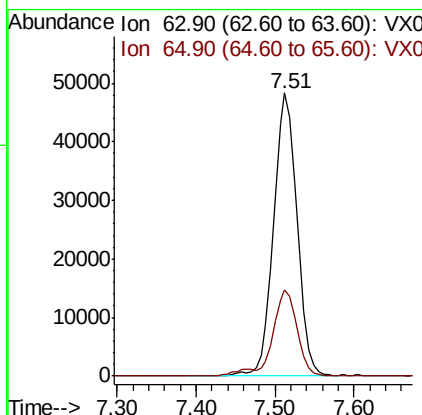
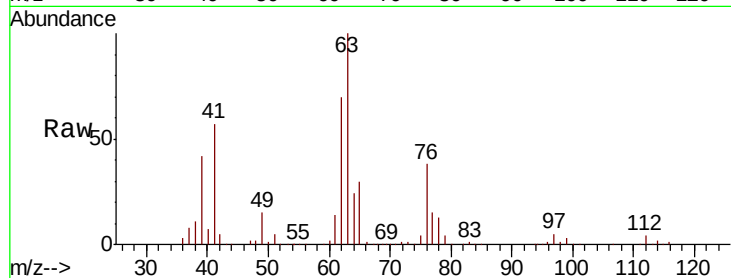




#45
 1,2-Dichloropropane
 Concen: 47.625 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX009766.D
 Acq: 21 May 2019 22:25

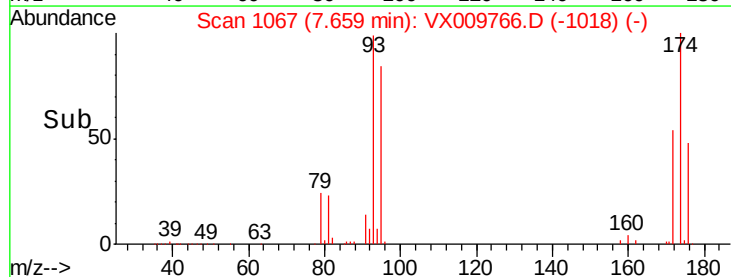
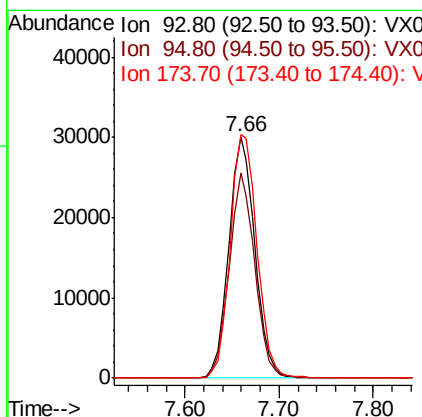
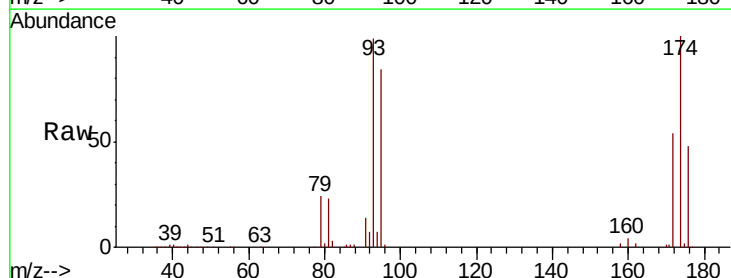
Instrument :
 MSVOA_X
 ClientSampled :
 S73-0229MS

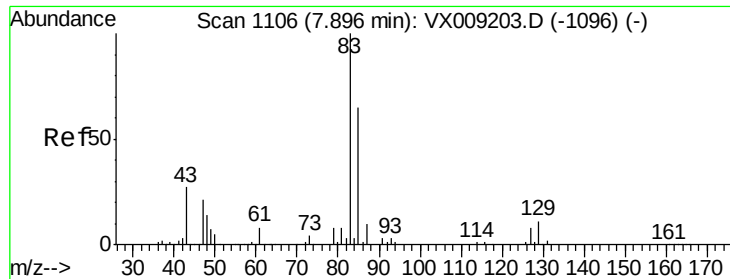
Tot Ion: 63 Resp: 100452
 Ion Ratio Lower Upper
 63 100
 65 30.3 25.0 37.6



#46
 Dibromomethane
 Concen: 46.965 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX009766.D
 Acq: 21 May 2019 22:25

Tgt Ion: 93 Resp: 57525
 Ion Ratio Lower Upper
 93 100
 95 83.6 66.5 99.7
 174 104.0 82.1 123.1

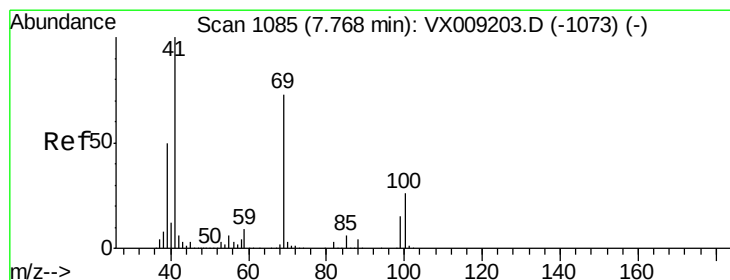
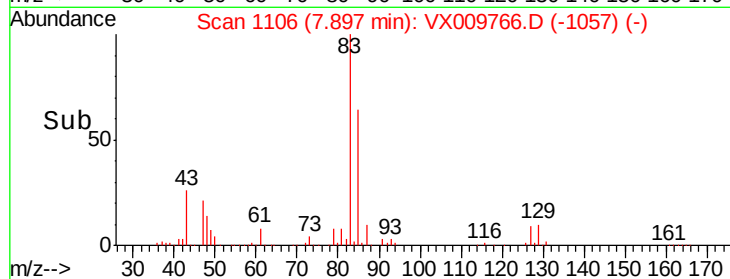
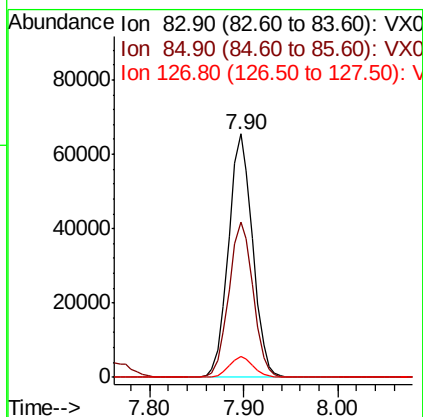
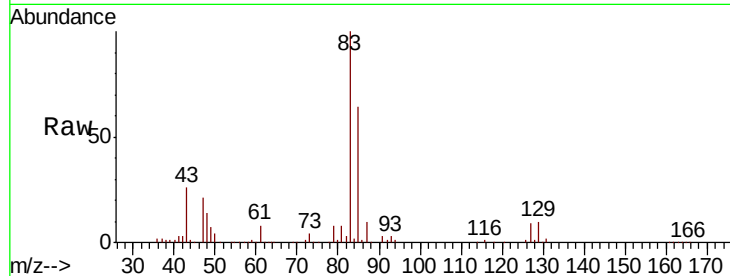




#47
 Bromodichloromethane
 Concen: 47.470 ug/l
 RT: 7.90 min Scan# 1106
 Delta R.T. 0.00 min
 Lab File: VX009766.D
 Acq: 21 May 2019 22:25

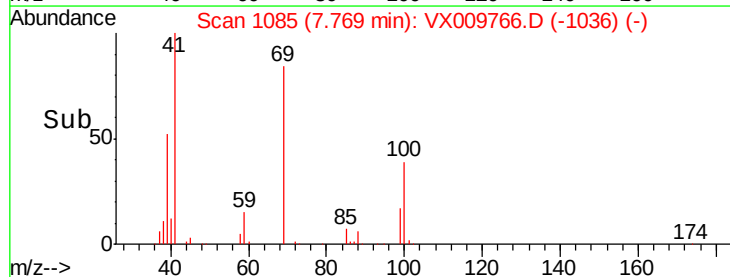
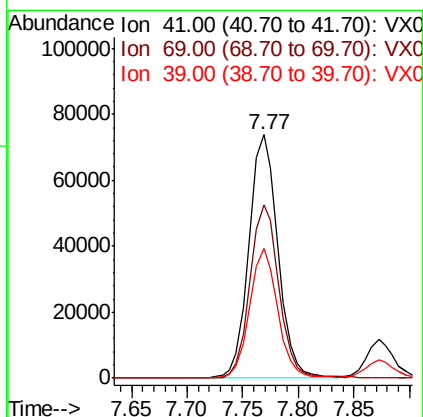
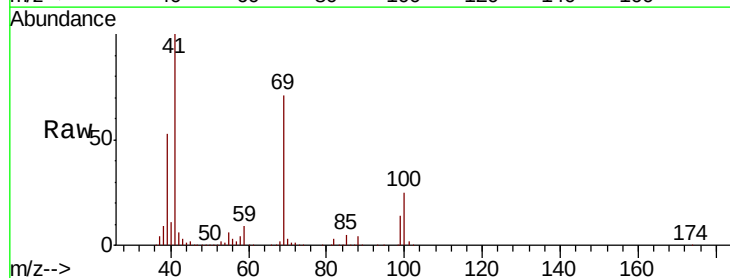
Instrument :
 MSVOA_X
 ClientSampled :
 S73-0229MS

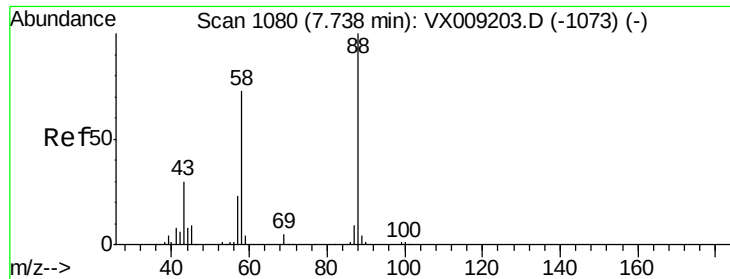
Tot Ion: 83 Resp: 115981
 Ion Ratio Lower Upper
 83 100
 85 63.6 52.4 78.6
 127 8.6 6.6 10.0



#48
 Methyl methacrylate
 Concen: 50.320 ug/l
 RT: 7.77 min Scan# 1085
 Delta R.T. 0.00 min
 Lab File: VX009766.D
 Acq: 21 May 2019 22:25

Tgt Ion: 41 Resp: 133914
 Ion Ratio Lower Upper
 41 100
 69 71.8 59.1 88.7
 39 52.0 40.4 60.6

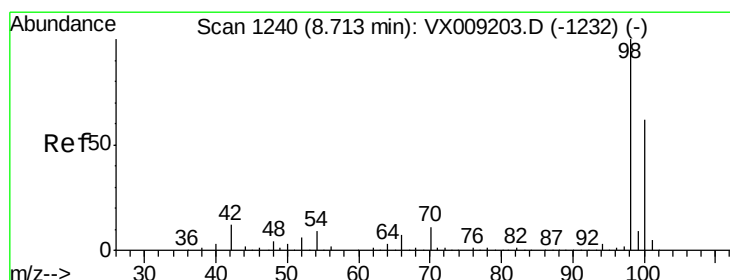
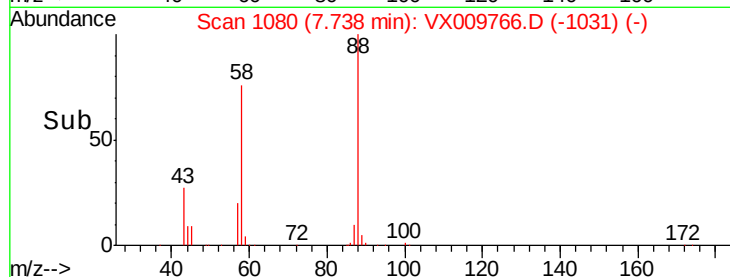
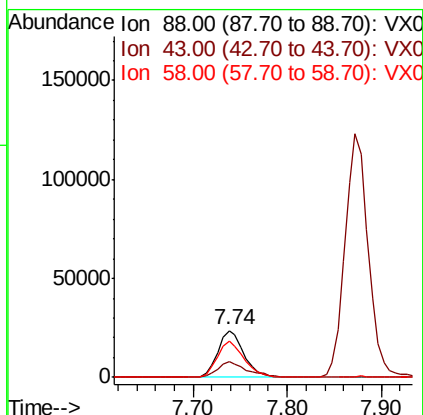
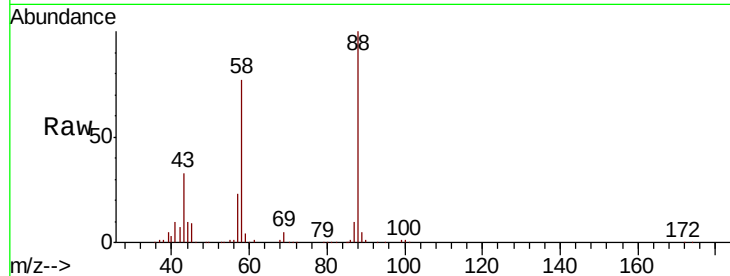




#49
 1,4-Dioxane
 Concen: 842.371 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: VX009766.D
 Acq: 21 May 2019 22:25

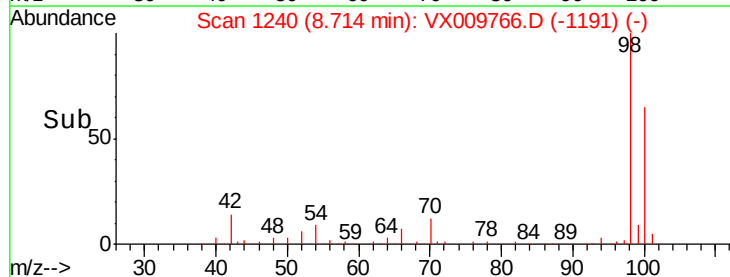
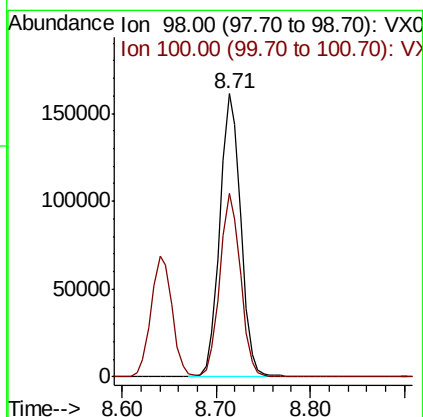
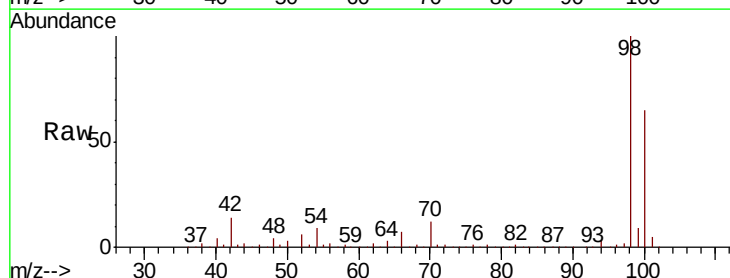
Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0229MS

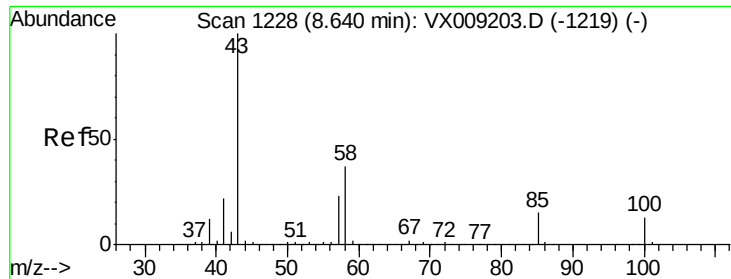
Tot Ion	Ratio	Lower	Upper
88	100		
43	37.8	28.6	42.8
58	79.7	61.7	92.5



#50
 Toluene-d8
 Concen: 37.824 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX009766.D
 Acq: 21 May 2019 22:25

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 253.526 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX009766.D

Acq: 21 May 2019 22:25

Instrument :

MSVOA_X

ClientSampleId :

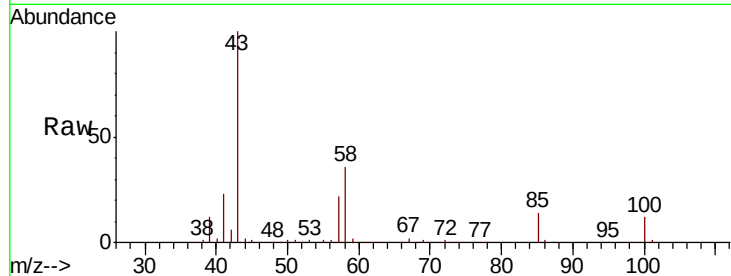
S73-0229MS

Tot Ion: 43 Resp: 888891

Ion Ratio Lower Upper

43 100

58 36.0 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

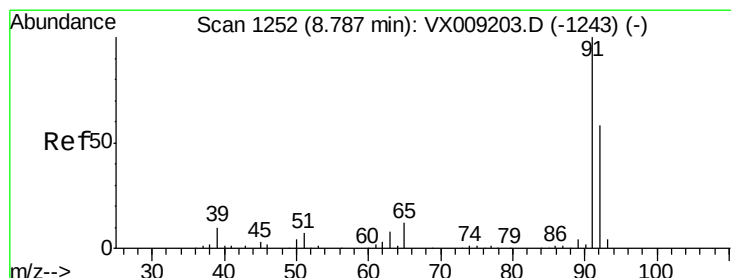
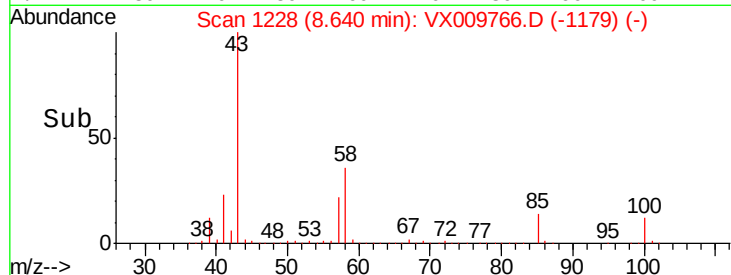
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 47.294 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX009766.D

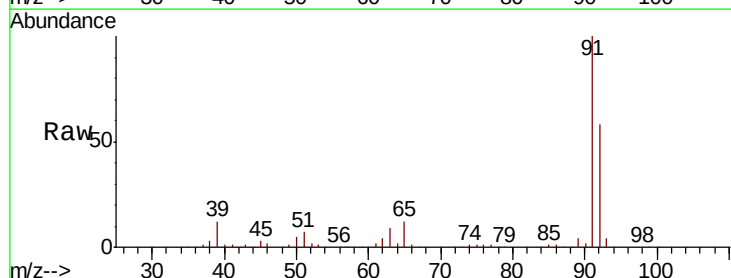
Acq: 21 May 2019 22:25

Tgt Ion: 92 Resp: 214146

Ion Ratio Lower Upper

92 100

91 173.9 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

250000

200000

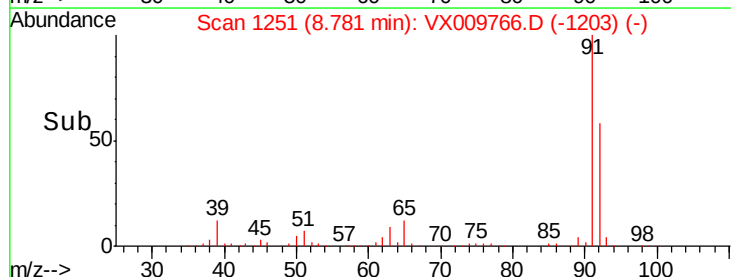
150000

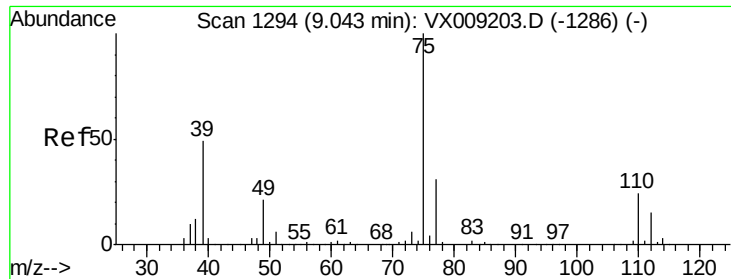
100000

50000

0

Time-->

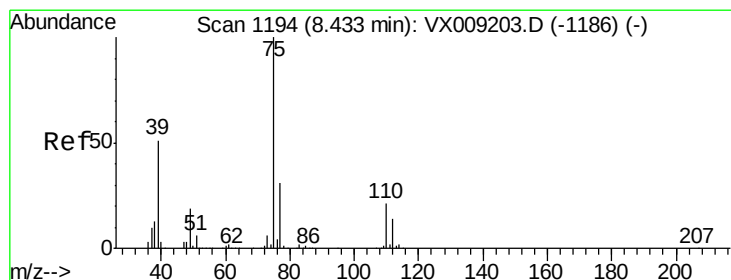
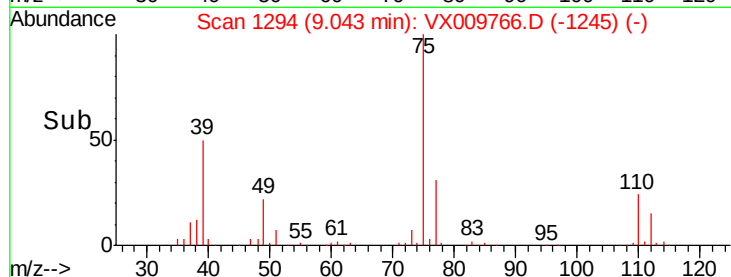
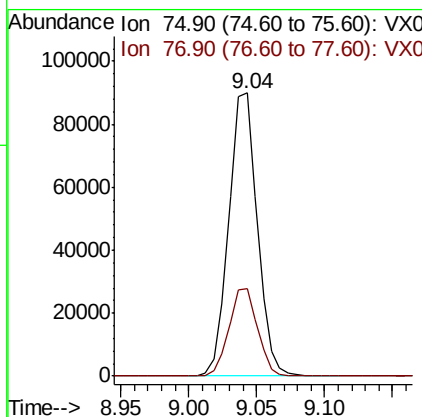
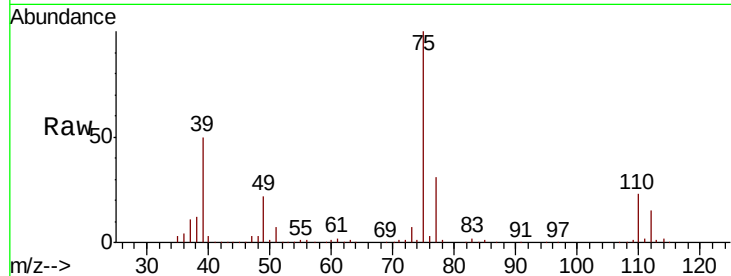




#53
t-1,3-Dichloropropene
Concen: 47.724 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX009766.D
Acq: 21 May 2019 22:25

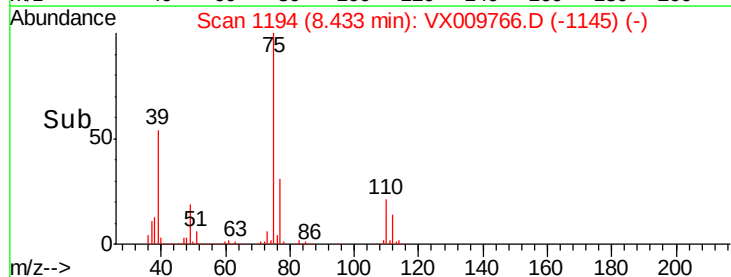
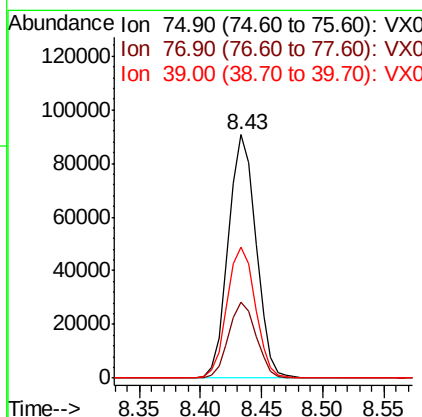
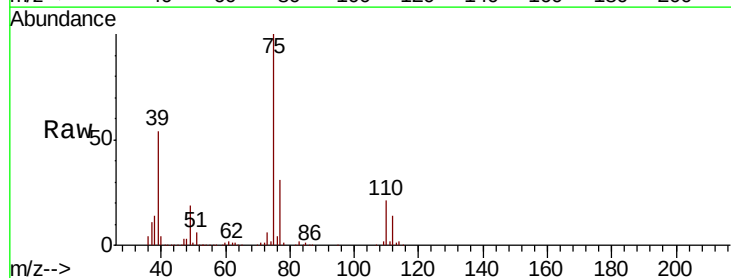
Instrument :
MSVOA_X
ClientSampleId :
S73-0229MS

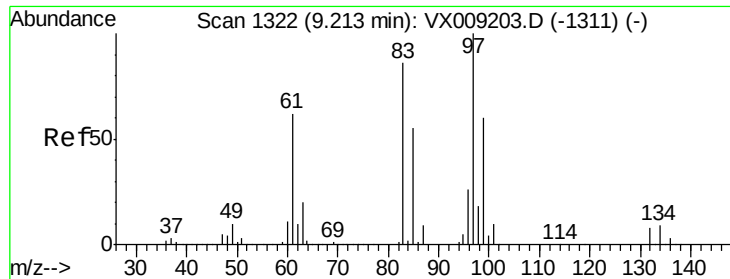
Tot Ion: 75 Resp: 131644
Ion Ratio Lower Upper
75 100
77 31.1 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 46.727 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX009766.D
Acq: 21 May 2019 22:25

Tgt Ion: 75 Resp: 142667
Ion Ratio Lower Upper
75 100
77 31.0 24.6 36.8
39 53.5 40.6 60.8

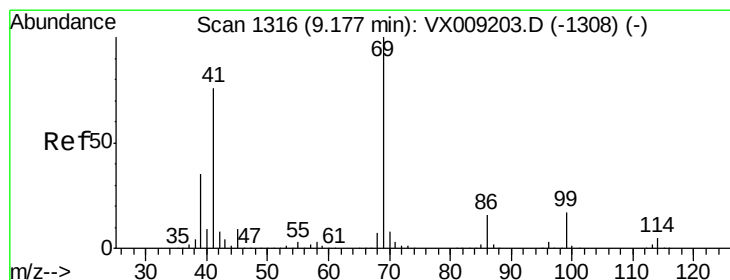
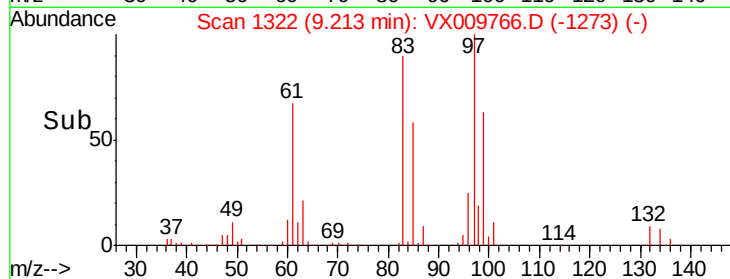
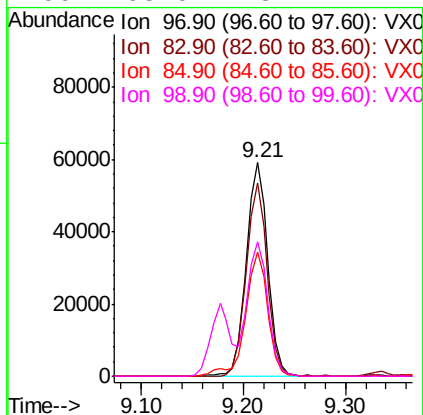
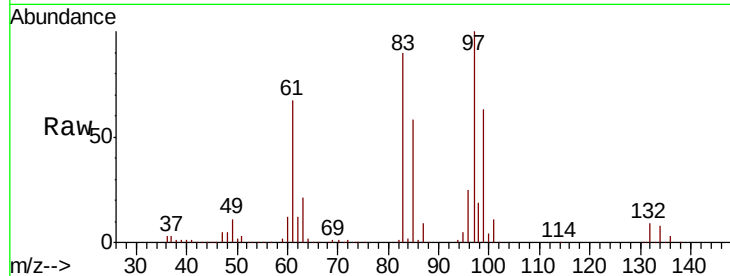




#55
 1,1,2-Trichloroethane
 Concen: 46.924 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX009766.D
 Acq: 21 May 2019 22:25

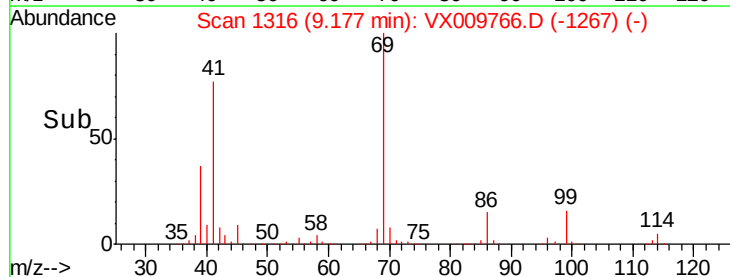
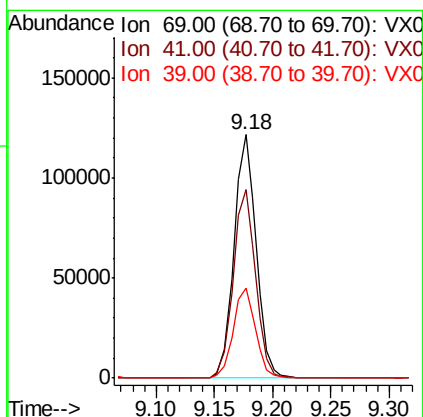
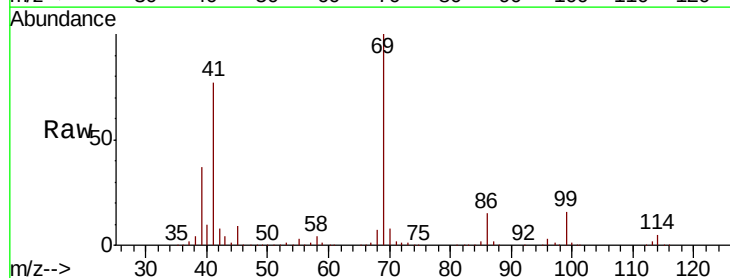
Instrument :
 MSVOA_X
 ClientSampled :
 S73-0229MS

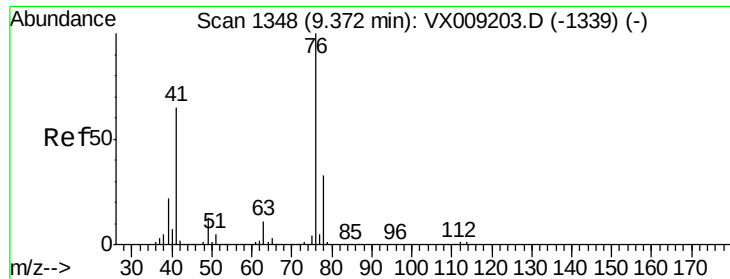
Tot Ion:	97	Resp:	86682
Ion	Ratio	Lower	Upper
97	100		
83	90.3	68.9	103.3
85	58.3	43.8	65.6
99	63.0	48.2	72.2



#56
 Ethyl methacrylate
 Concen: 48.902 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX009766.D
 Acq: 21 May 2019 22:25

Tgt Ion:	69	Resp:	161254
Ion	Ratio	Lower	Upper
69	100		
41	78.3	60.6	90.8
39	37.5	28.2	42.4

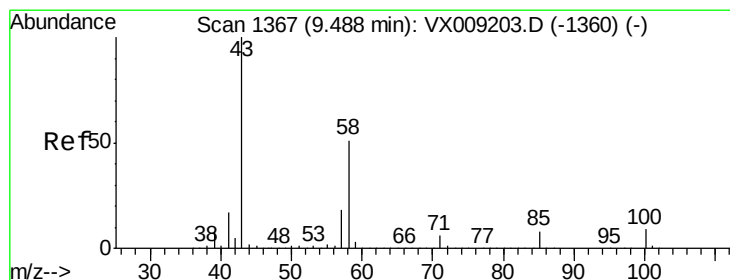
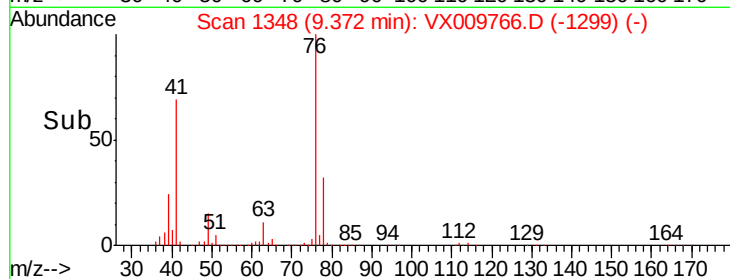
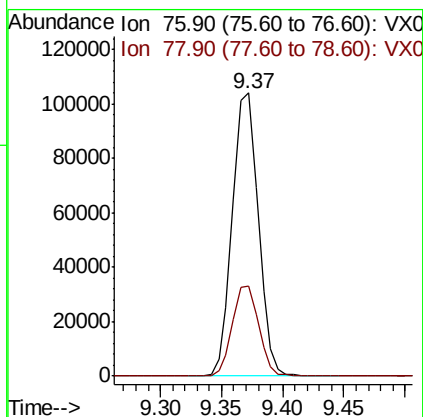
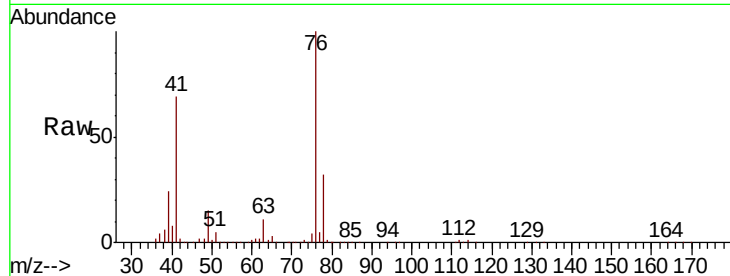




#57
 1,3-Dichloropropane
 Concen: 47.058 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX009766.D
 Acq: 21 May 2019 22:25

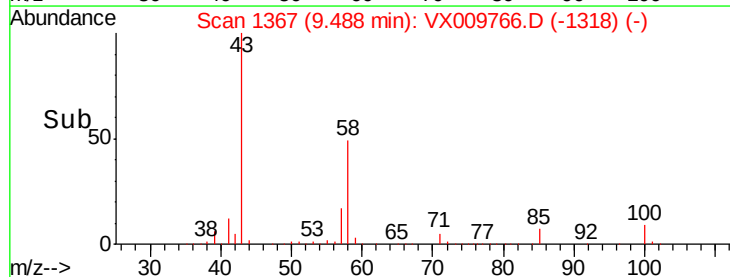
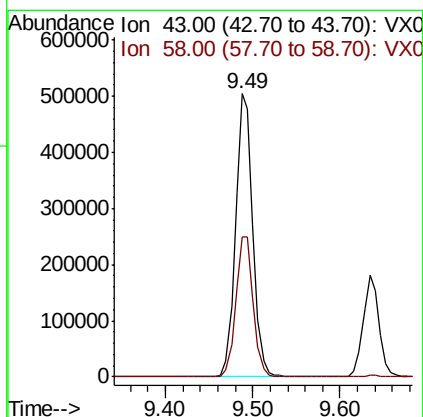
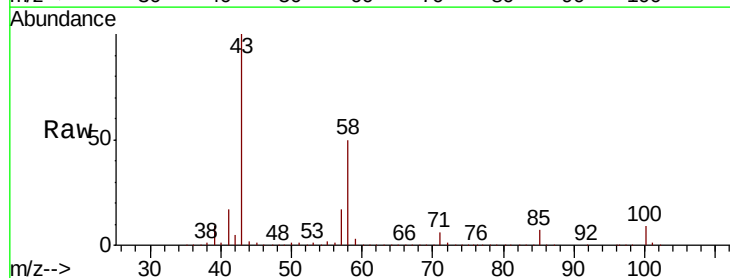
Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0229MS

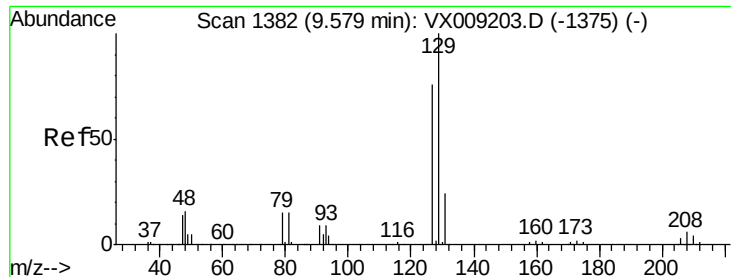
Tot Ion: 76 Resp: 152974
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.5 38.3



#59
 2-Hexanone
 Concen: 251.283 ug/l
 RT: 9.49 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: VX009766.D
 Acq: 21 May 2019 22:25

Tgt Ion: 43 Resp: 691947
 Ion Ratio Lower Upper
 43 100
 58 50.5 25.9 77.7

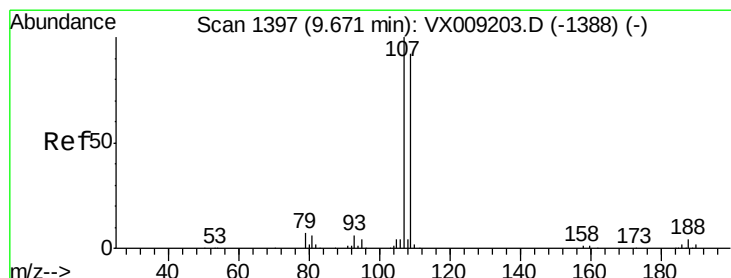
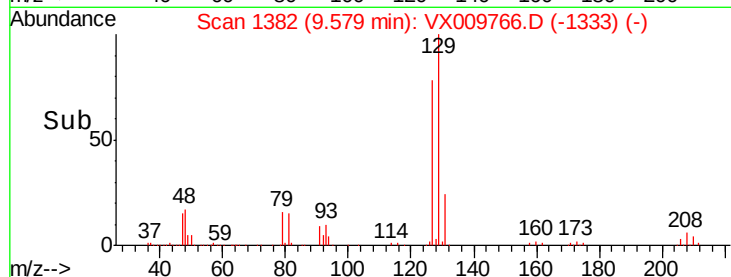
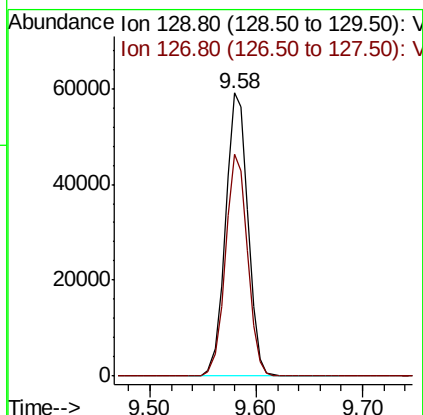
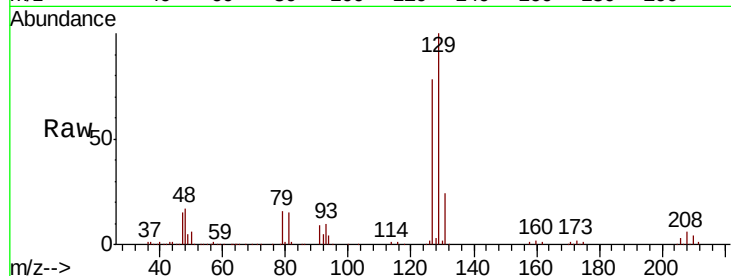




#60
Dibromochloromethane
Concen: 48.177 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX009766.D
Acq: 21 May 2019 22:25

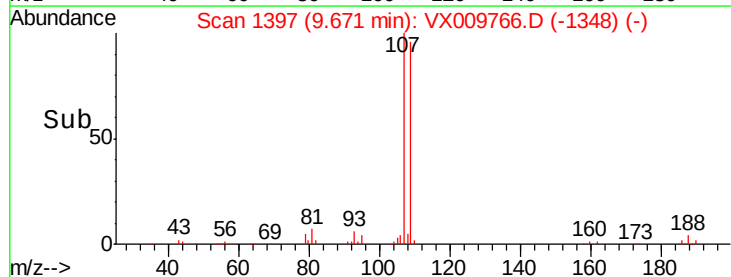
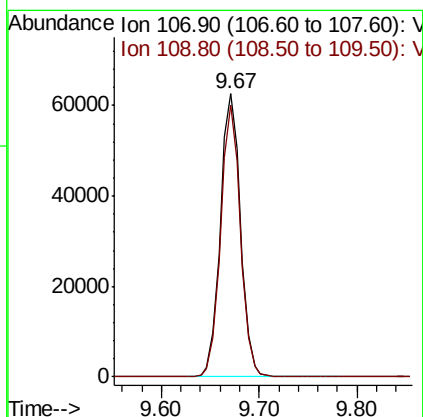
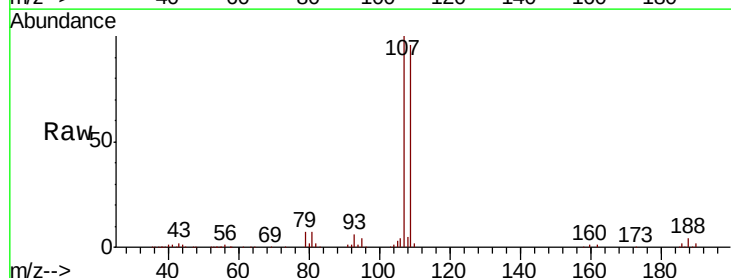
Instrument :
MSVOA_X
ClientSampleId :
S73-0229MS

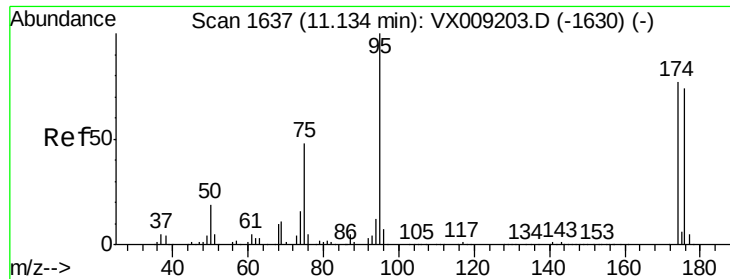
Tot Ion:129 Resp: 86922
Ion Ratio Lower Upper
129 100
127 77.4 38.4 115.1



#61
1,2-Dibromoethane
Concen: 47.974 ug/l
RT: 9.67 min Scan# 1397
Delta R.T. 0.00 min
Lab File: VX009766.D
Acq: 21 May 2019 22:25

Tgt Ion:107 Resp: 89458
Ion Ratio Lower Upper
107 100
109 94.0 75.2 112.8





#62

4-Bromofluorobenzene

Concen: 40.038 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009766.D

Acq: 21 May 2019 22:25

Instrument :

MSVOA_X

ClientSampleId :

S73-0229MS

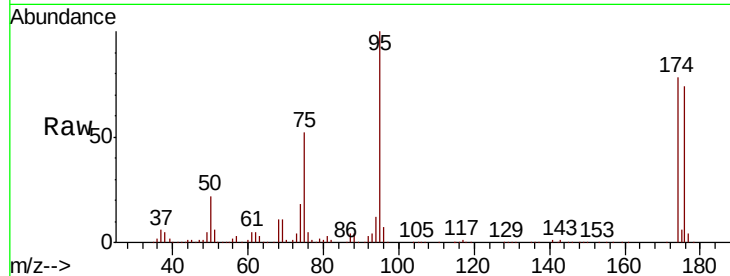
Tot Ion: 95 Resp: 95629

Ion Ratio Lower Upper

95 100

174 80.5 0.0 161.6

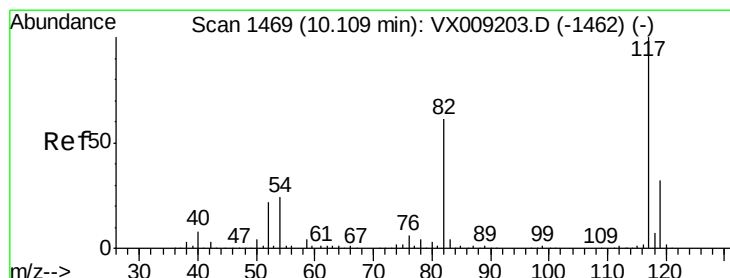
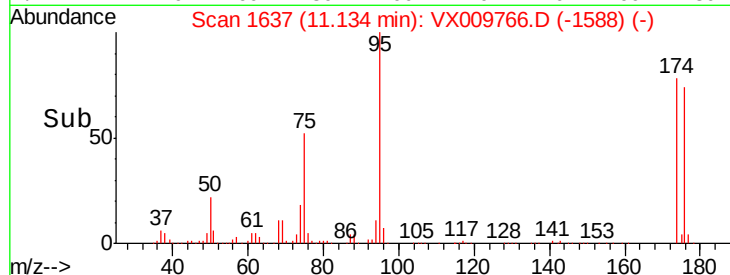
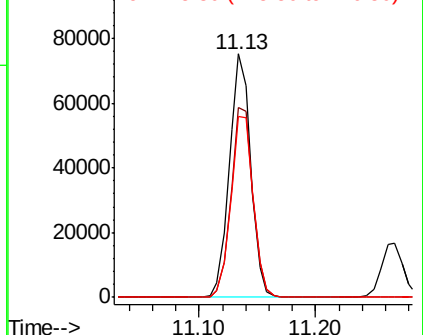
176 78.3 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009766.D

Acq: 21 May 2019 22:25

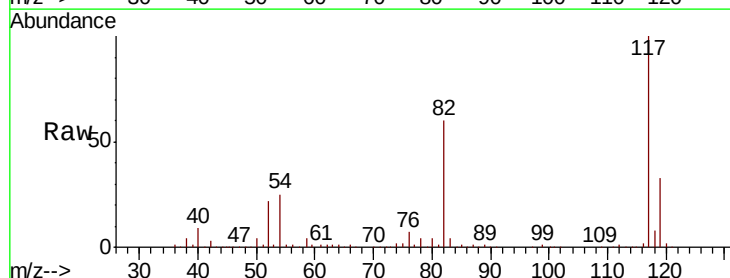
Tgt Ion: 117 Resp: 238446

Ion Ratio Lower Upper

117 100

82 60.3 48.8 73.2

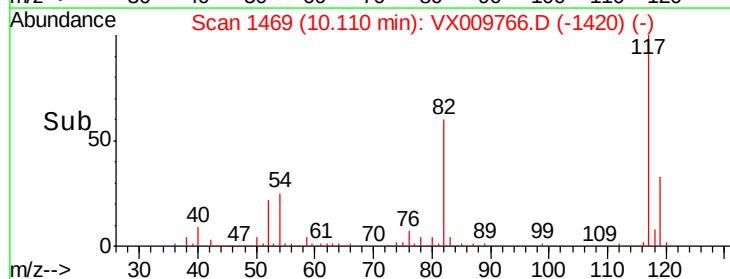
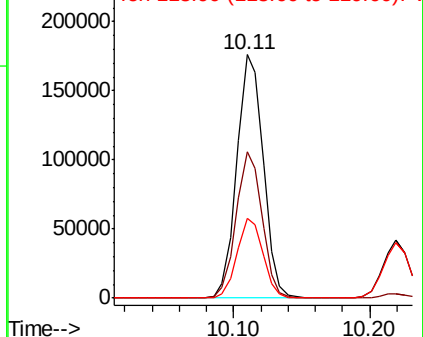
119 32.9 25.8 38.6

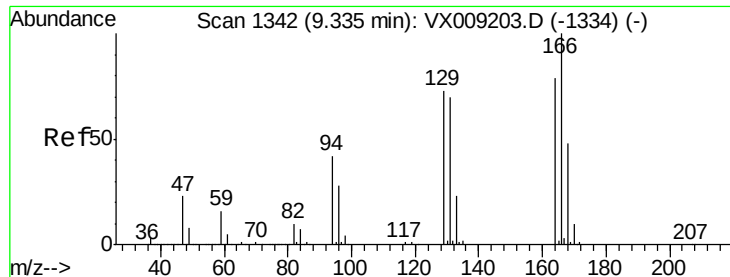


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

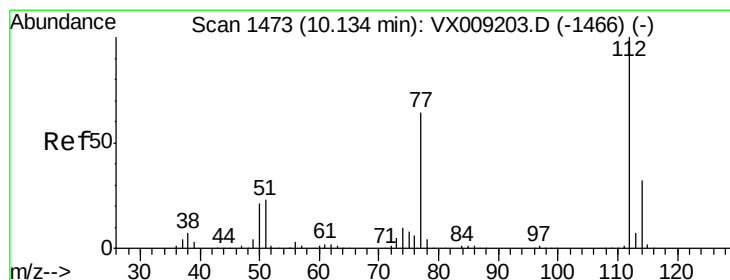
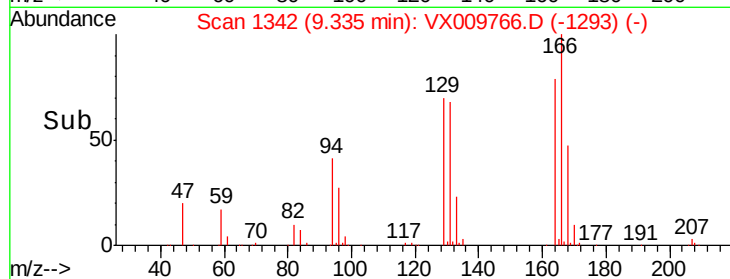
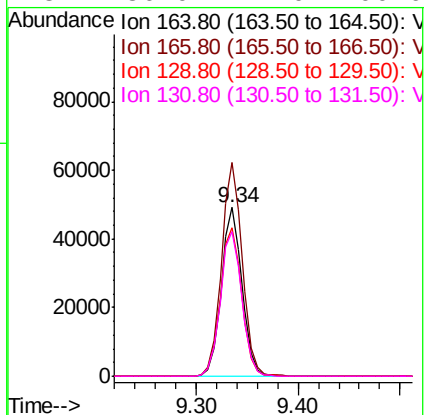
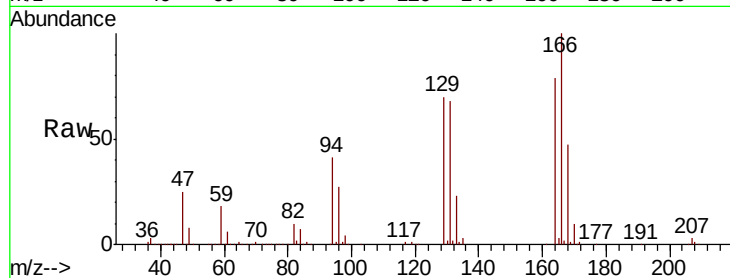




#64
Tetrachloroethene
Concen: 42.366 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009766.D
Acq: 21 May 2019 22:25

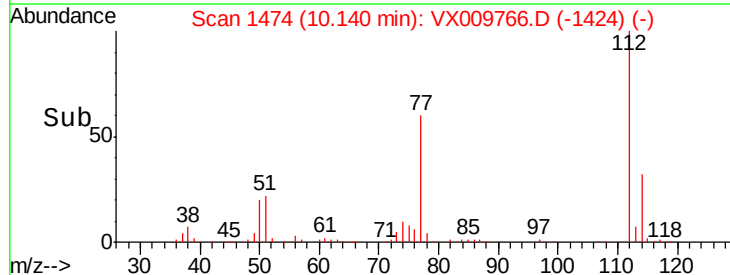
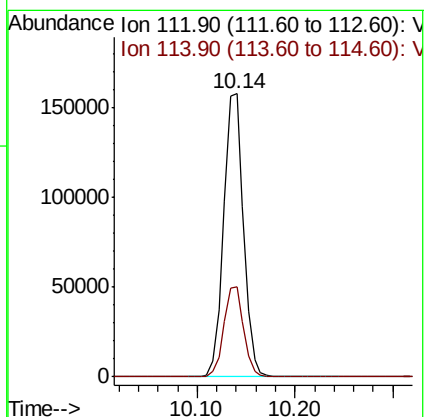
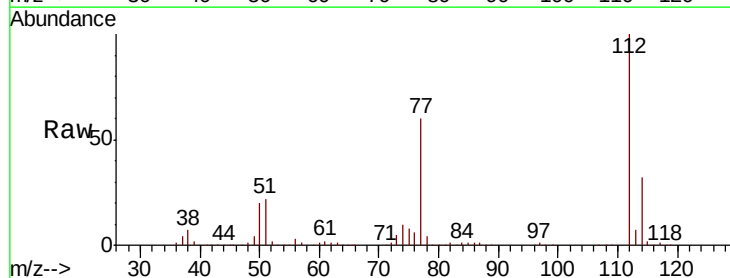
Instrument :
MSVOA_X
ClientSampleId :
S73-0229MS

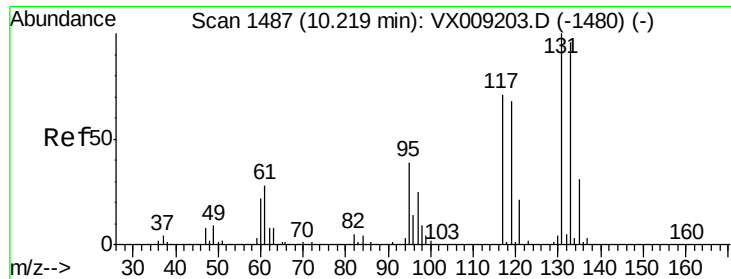
Tot Ion:164 Resp: 69296
Ion Ratio Lower Upper
164 100
166 126.8 101.2 151.8
129 88.1 74.3 111.5
131 86.0 71.0 106.6



#65
Chlorobenzene
Concen: 46.467 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX009766.D
Acq: 21 May 2019 22:25

Tgt Ion:112 Resp: 221648
Ion Ratio Lower Upper
112 100
114 31.7 25.5 38.3

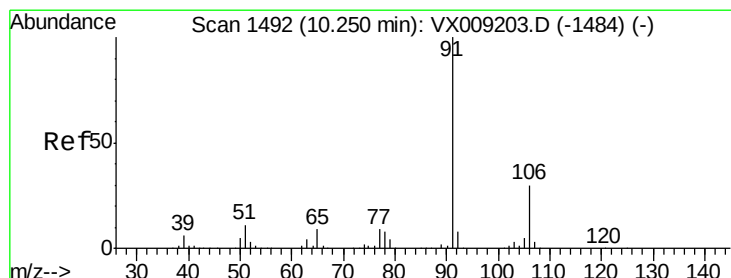
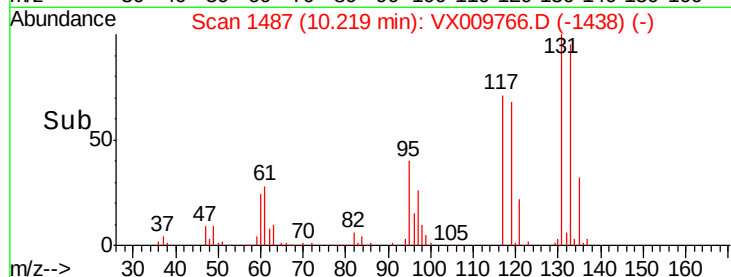
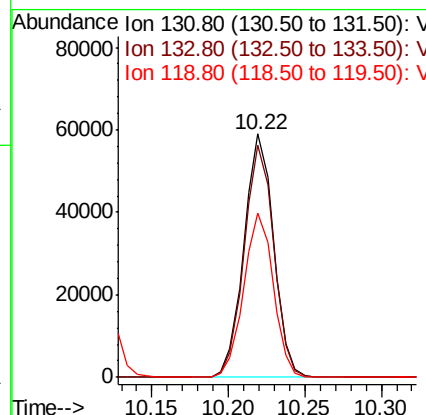
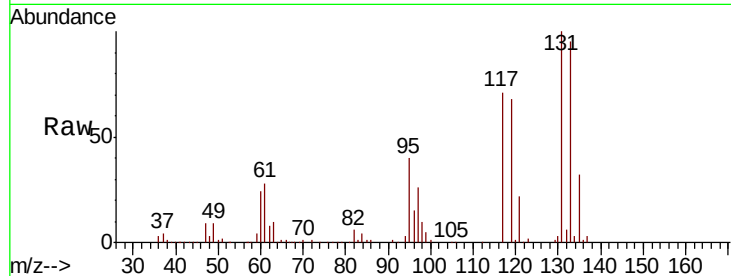




#66
 1,1,1,2-Tetrachloroethane
 Concen: 45.756 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VX009766.D
 Acq: 21 May 2019 22:25

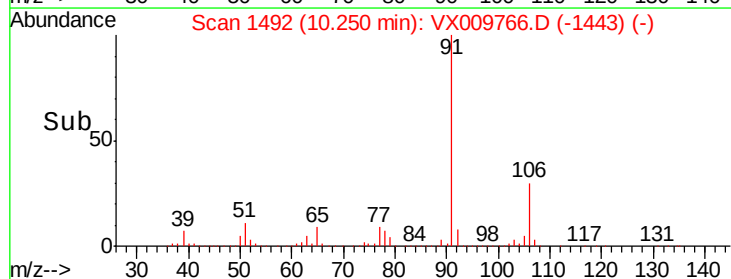
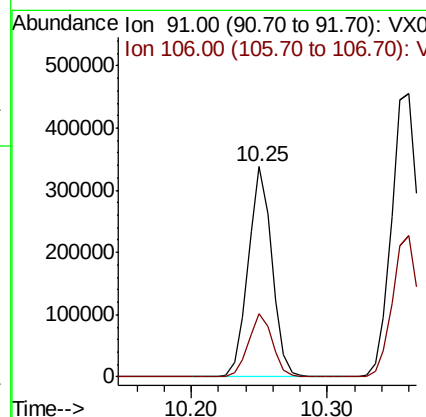
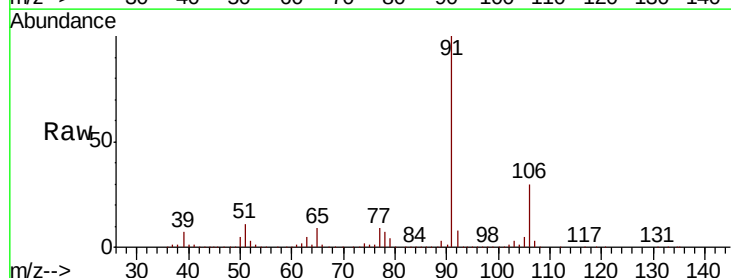
Instrument :
 MSVOA_X
 ClientSampled :
 S73-0229MS

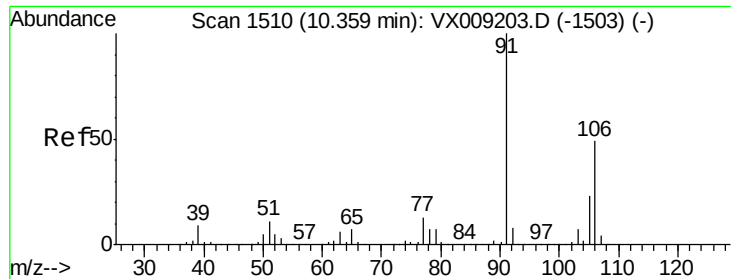
Tot Ion:131 Resp: 79126
 Ion Ratio Lower Upper
 131 100
 133 95.4 47.7 143.1
 119 67.6 33.5 100.4



#67
 Ethyl Benzene
 Concen: 46.983 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: VX009766.D
 Acq: 21 May 2019 22:25

Tgt Ion: 91 Resp: 412441
 Ion Ratio Lower Upper
 91 100
 106 29.8 24.0 36.0

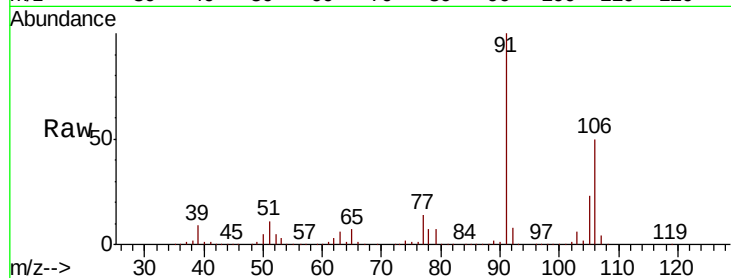




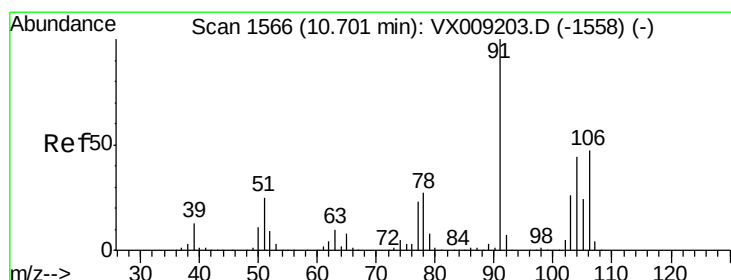
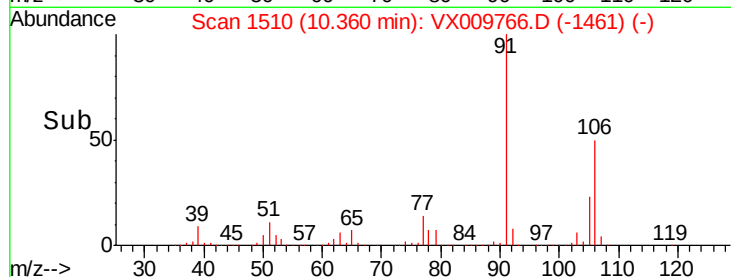
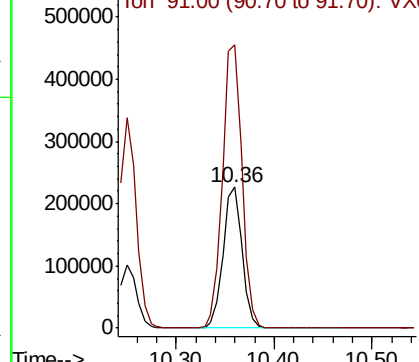
#68
m/p-Xylenes
Concen: 94.967 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX009766.D
Acq: 21 May 2019 22:25

Instrument :
MSVOA_X
ClientSampleId :
S73-0229MS

Tot Ion:106 Resp: 304653
Ion Ratio Lower Upper
106 100
91 207.1 164.0 246.0

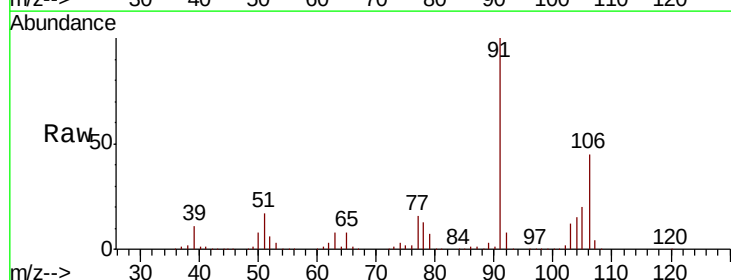


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

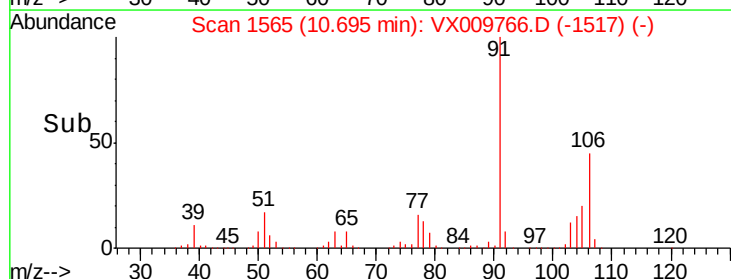
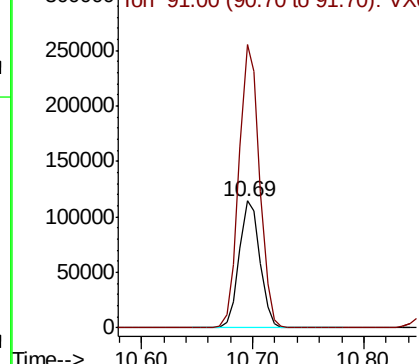


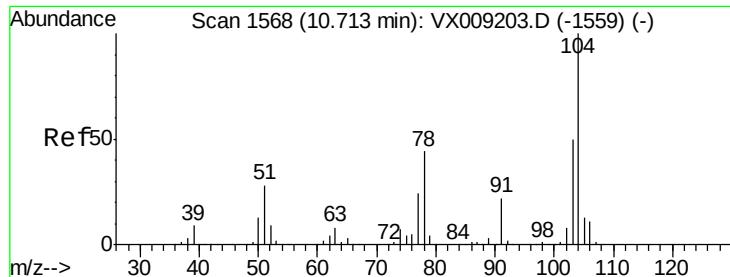
#69
o-Xylene
Concen: 46.672 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009766.D
Acq: 21 May 2019 22:25

Tgt Ion:106 Resp: 147725
Ion Ratio Lower Upper
106 100
91 221.3 109.5 328.4



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





#70

Stvrene

Concen: 47.250 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX009766.D

Acq: 21 May 2019 22:25

Instrument :

MSVOA_X

ClientSampled :

S73-0229MS

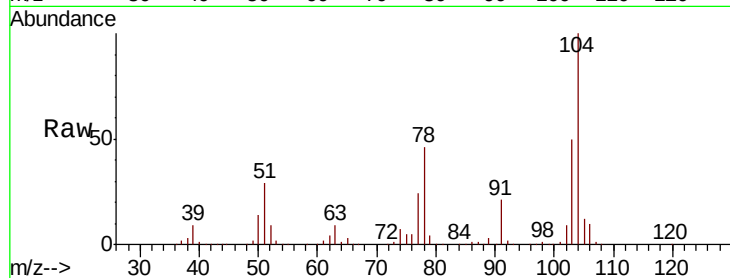
Tot Ion:104 Resp: 259937

Ion Ratio Lower Upper

104 100

78 52.3 41.0 61.4

103 55.6 43.8 65.6

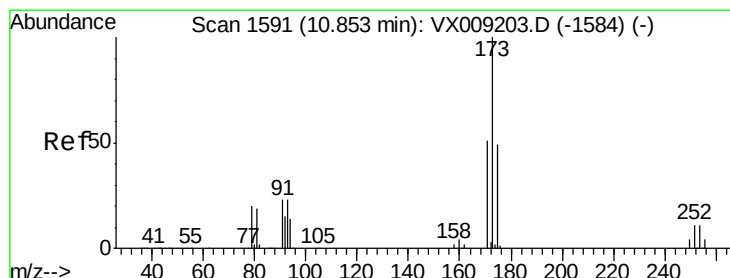
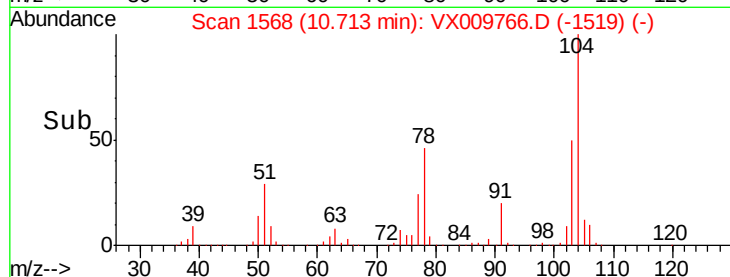
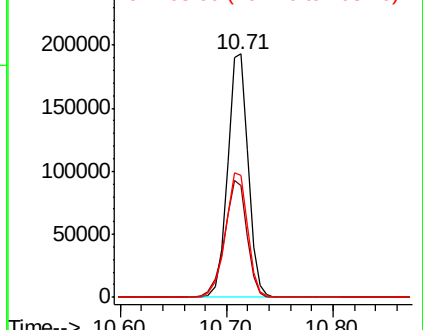


Abundance

Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 47.824 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX009766.D

Acq: 21 May 2019 22:25

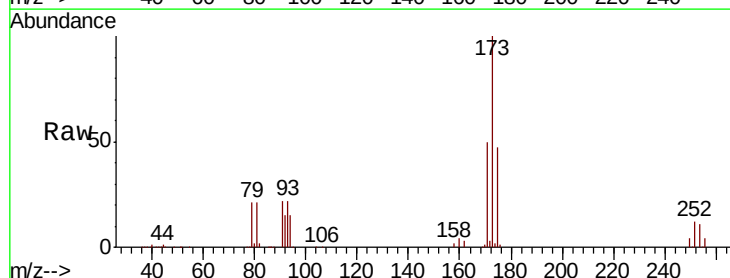
Tgt Ion:173 Resp: 67209

Ion Ratio Lower Upper

173 100

175 48.5 24.5 73.5

254 0.2 0.1 0.1#

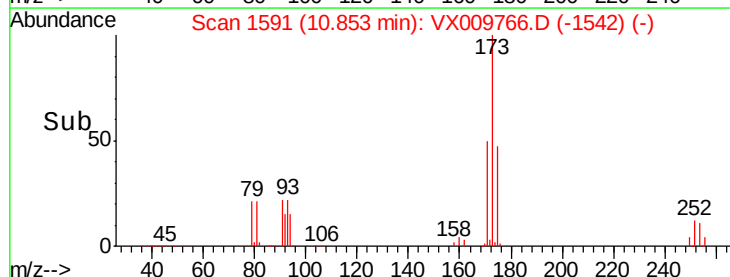
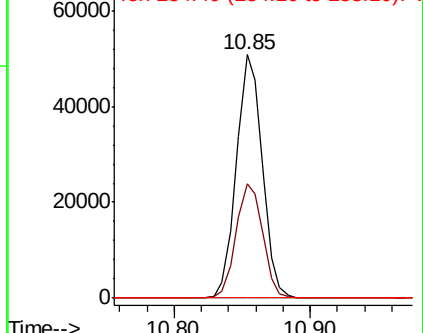


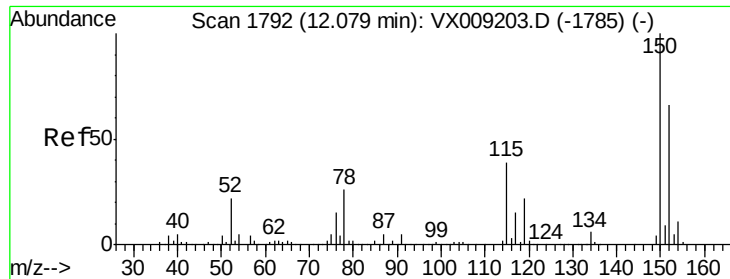
Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



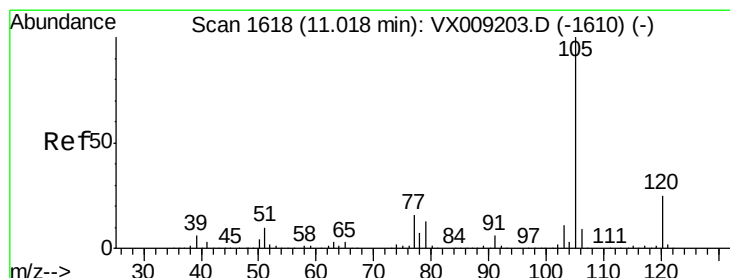
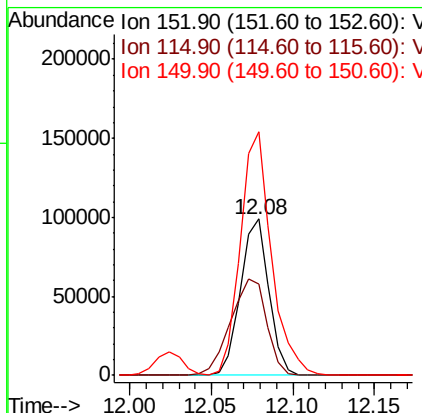
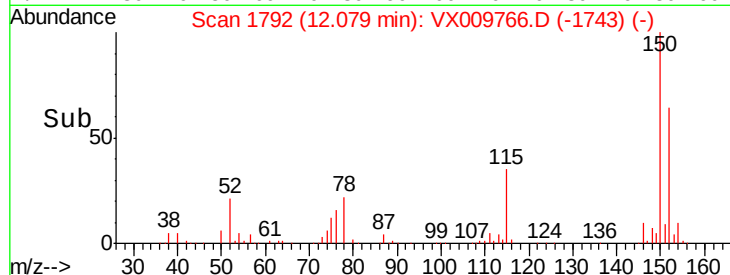
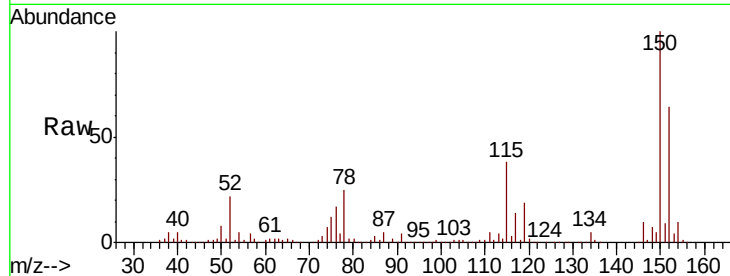


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009766.D
Acq: 21 May 2019 22:25

Instrument :
MSVOA_X
ClientSampleId :
S73-0229MS

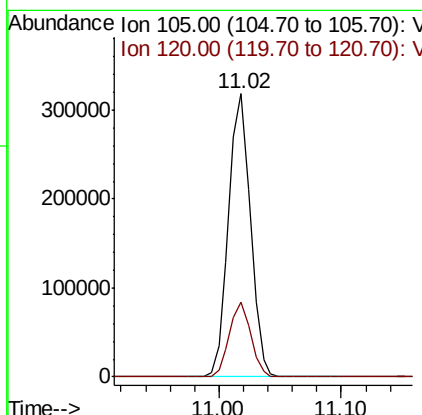
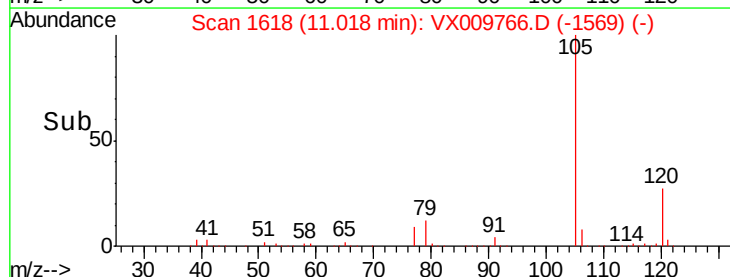
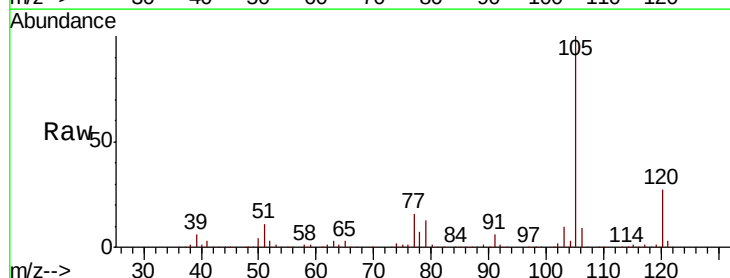
Tot Ion:152 Resp: 120169
Ion Ratio Lower Upper
152 100
115 78.3 41.2 123.6
150 169.9 0.0 346.4

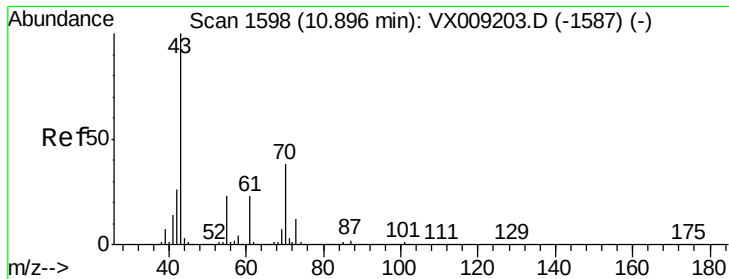


#73

Isopropylbenzene
Concen: 45.005 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX009766.D
Acq: 21 May 2019 22:25

Tgt Ion:105 Resp: 393275
Ion Ratio Lower Upper
105 100
120 26.0 12.8 38.3





#74

N-amvl acetate

Concen: 44.158 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX009766.D

Acq: 21 May 2019 22:25

Instrument :

MSVOA_X

ClientSampleId :

S73-0229MS

Tot Ion: 43 Resp: 224970

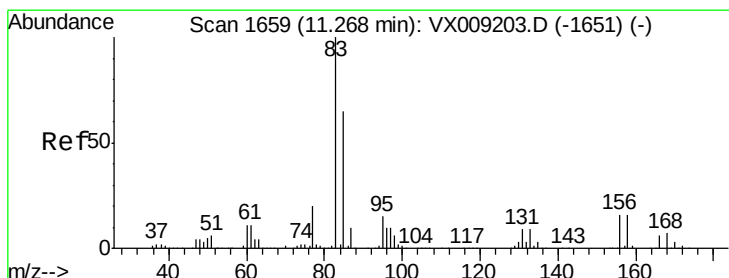
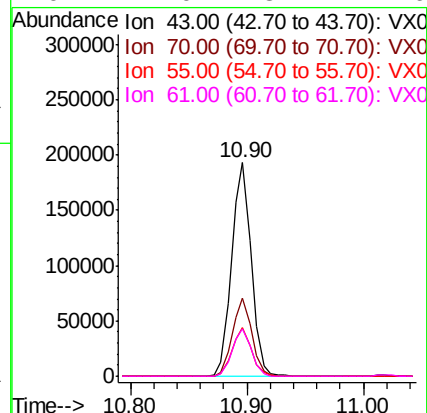
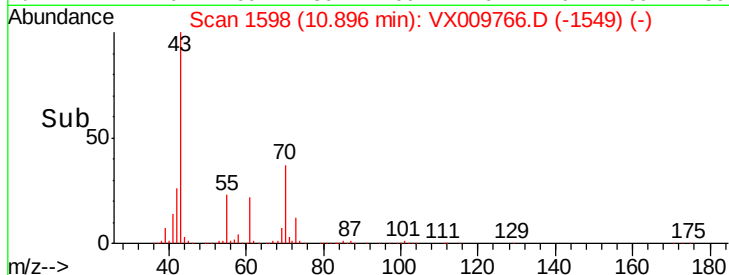
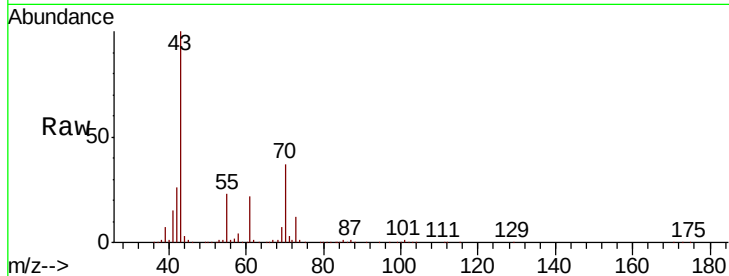
Ion Ratio Lower Upper

43 100

70 36.3 30.0 45.0

55 22.6 17.9 26.9

61 22.0 18.4 27.6



#75

1,1,2,2-Tetrachloroethane

Concen: 46.416 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX009766.D

Acq: 21 May 2019 22:25

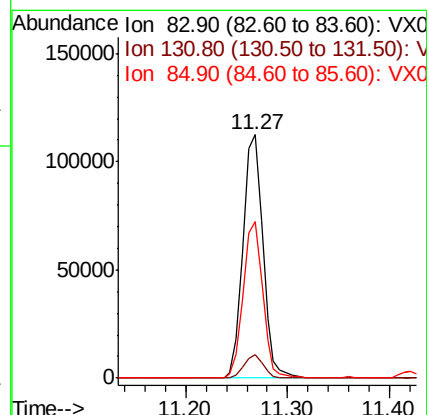
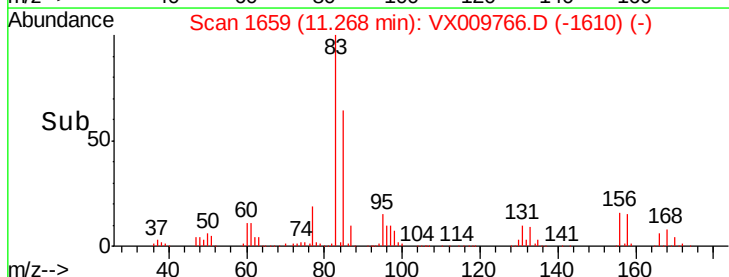
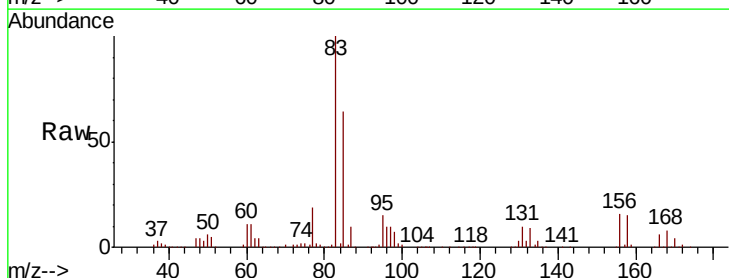
Tgt Ion: 83 Resp: 151205

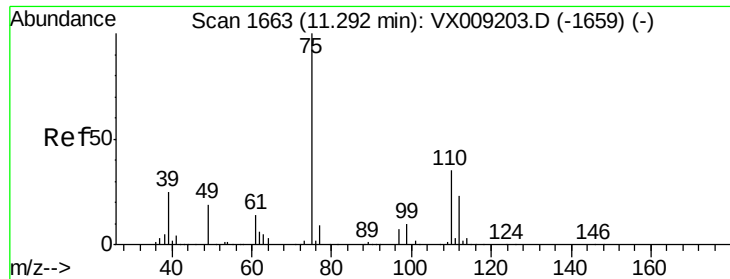
Ion Ratio Lower Upper

83 100

131 9.5 4.6 13.8

85 63.2 32.0 96.2

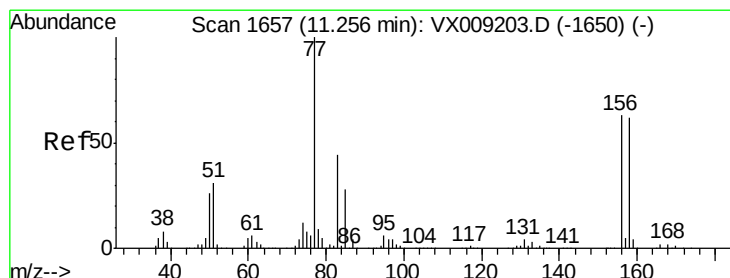
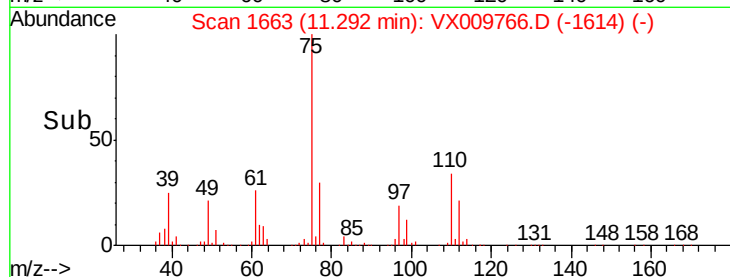
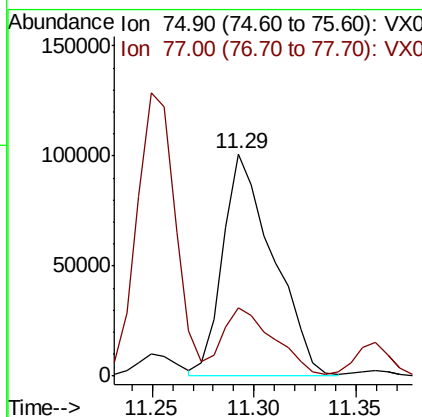
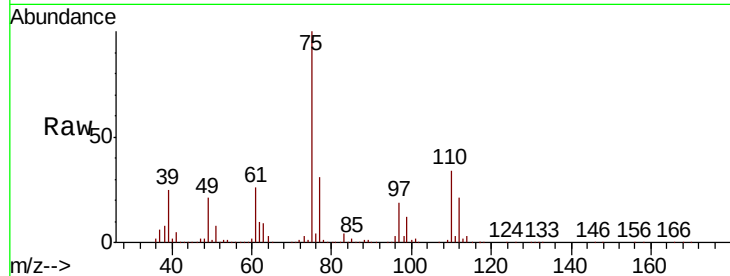




#76
1,2,3-Trichloropropane
Concen: 61.714 ug/l
RT: 11.29 min Scan# 1663
Delta R.T. 0.00 min
Lab File: VX009766.D
Acq: 21 May 2019 22:25

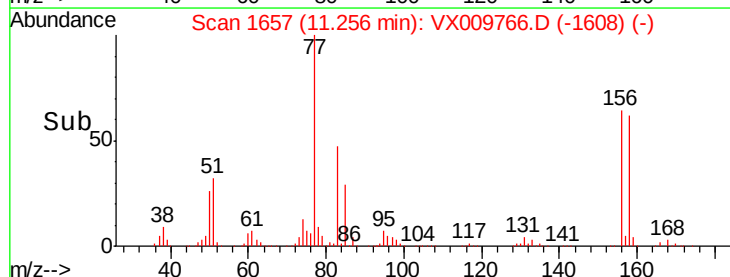
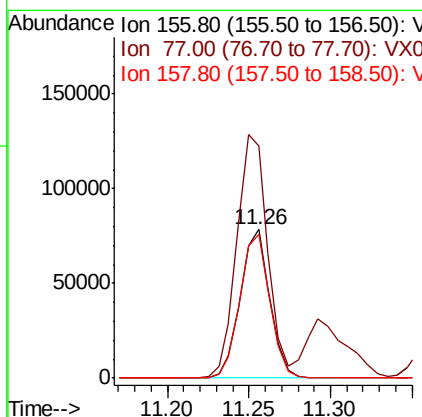
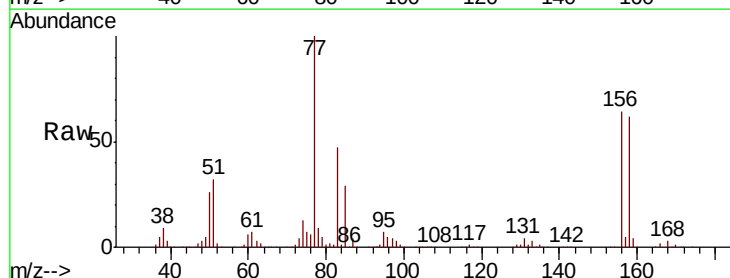
Instrument :
MSVOA_X
ClientSampled :
S73-0229MS

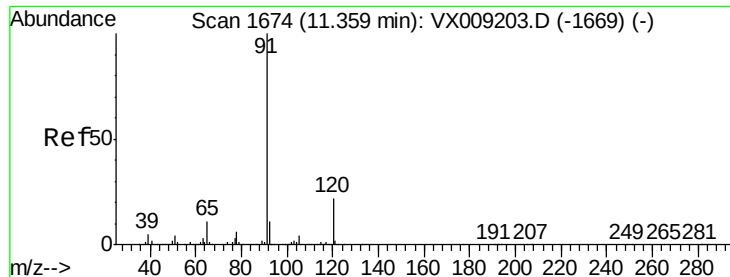
Tot Ion: 75 Resp: 172028
Ion Ratio Lower Upper
75 100
77 31.5 22.1 66.1



#77
Bromobenzene
Concen: 45.716 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VX009766.D
Acq: 21 May 2019 22:25

Tgt Ion: 156 Resp: 99156
Ion Ratio Lower Upper
156 100
77 169.8 84.8 254.3
158 98.0 49.1 147.3





#78

n-propylbenzene

Concen: 45.557 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009766.D

Acq: 21 May 2019 22:25

Instrument :

MSVOA_X

ClientSampled :

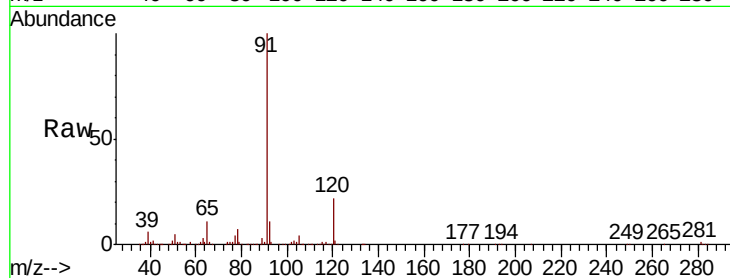
S73-0229MS

Tot Ion: 91 Resp: 454657

Ion Ratio Lower Upper

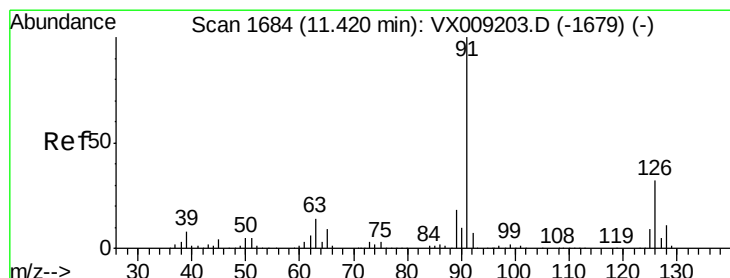
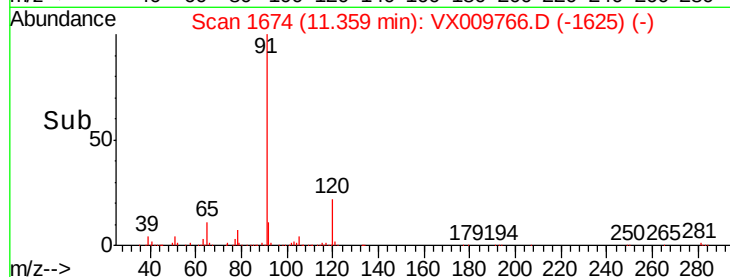
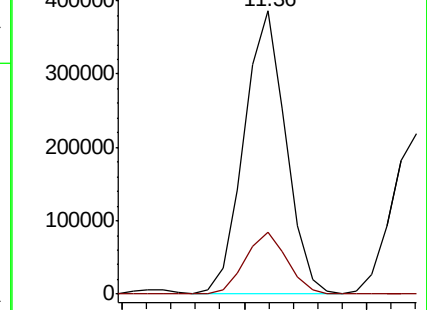
91 100

120 22.0 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: 44.478 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX009766.D

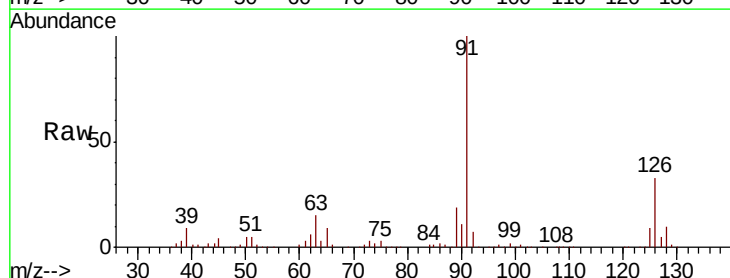
Acq: 21 May 2019 22:25

Tgt Ion: 91 Resp: 273856

Ion Ratio Lower Upper

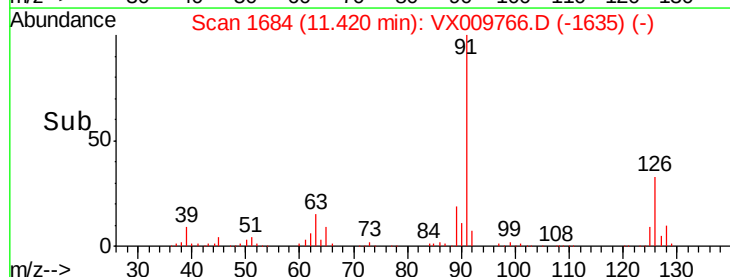
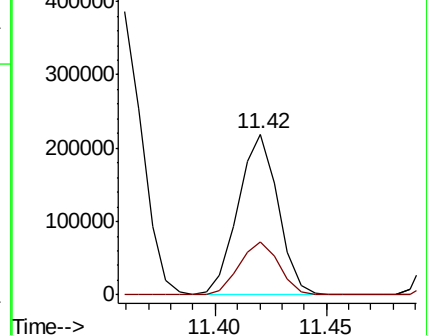
91 100

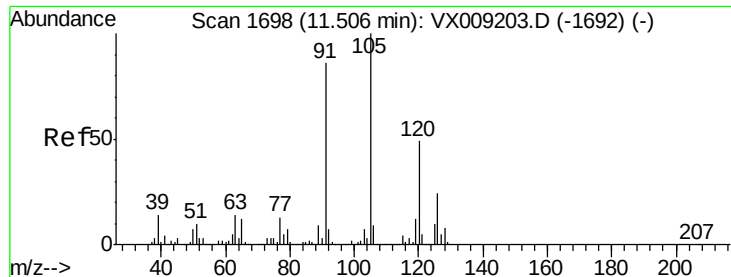
126 32.7 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

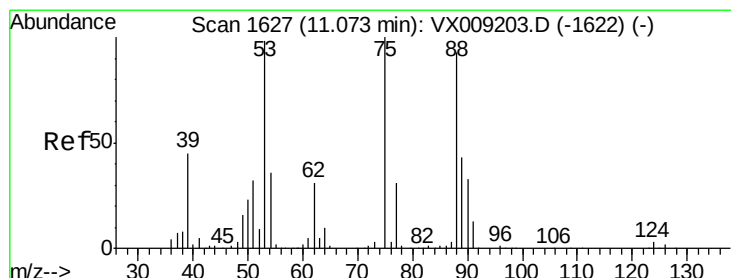
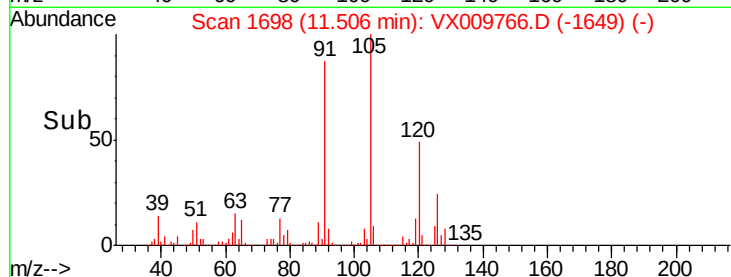
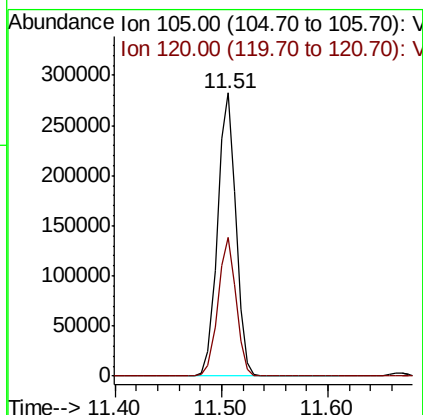
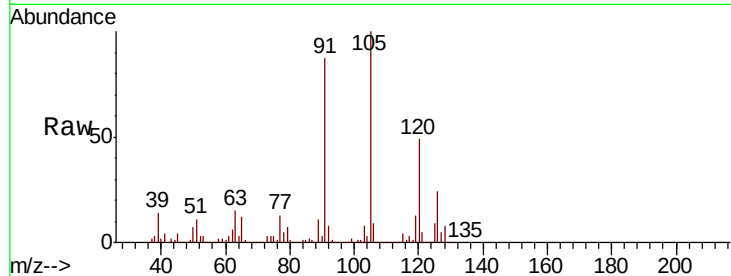




#80
 1,3,5-Trimethylbenzene
 Concen: 45.791 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX009766.D
 Acq: 21 May 2019 22:25

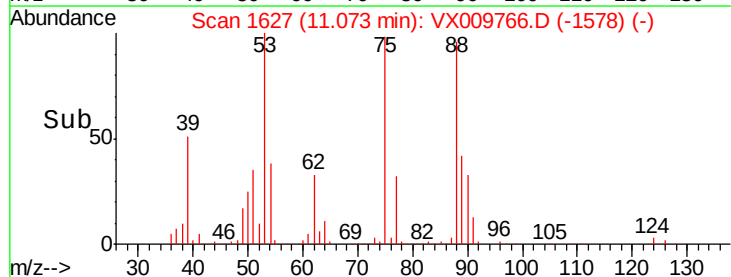
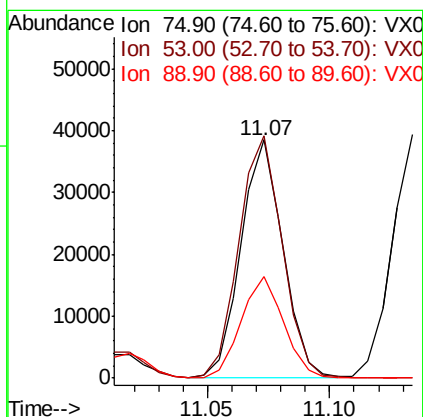
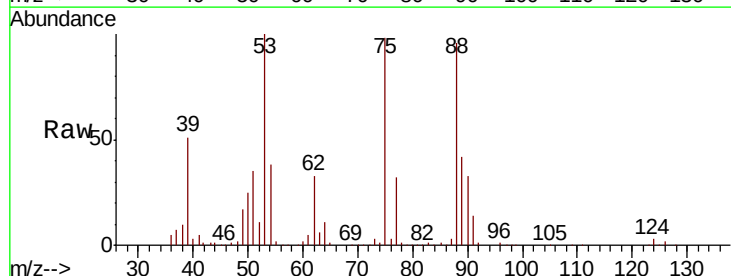
Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0229MS

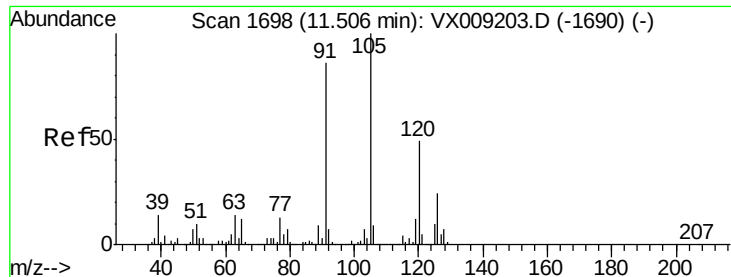
Tot Ion:105 Resp: 336928
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.3 72.9



#81
 trans-1,4-Dichloro-2-butene
 Concen: 41.910 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX009766.D
 Acq: 21 May 2019 22:25

Tgt Ion: 75 Resp: 45658
 Ion Ratio Lower Upper
 75 100
 53 105.1 79.0 118.6
 89 43.4 34.7 52.1

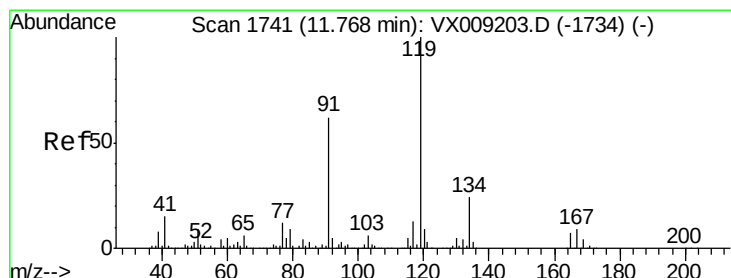
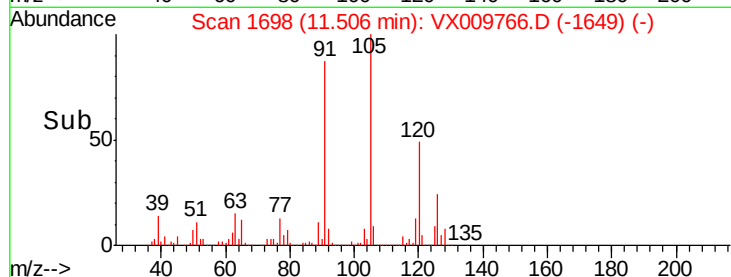
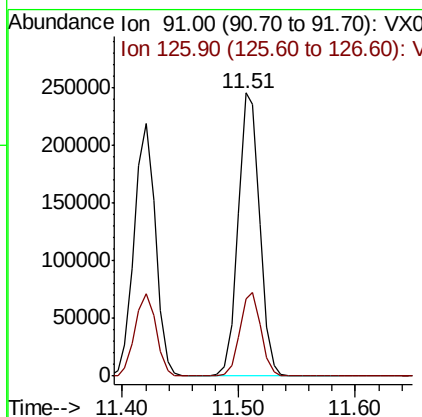
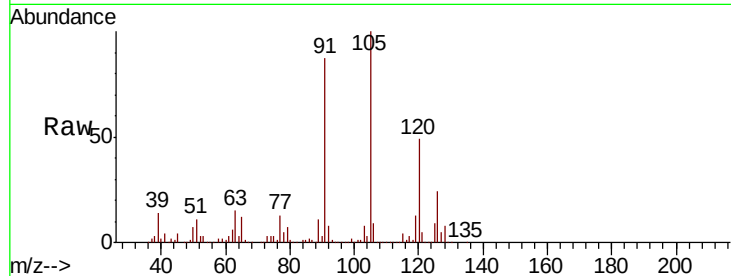




#82
4-Chlorotoluene
Concen: 45.435 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX009766.D
Acq: 21 May 2019 22:25

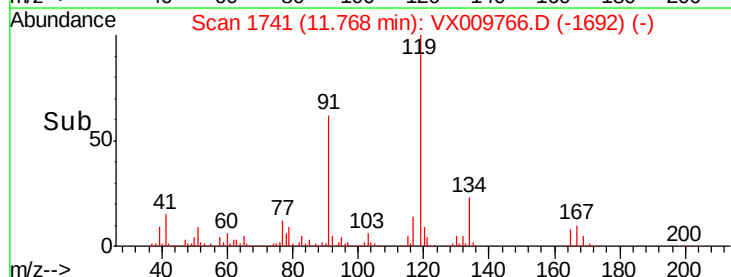
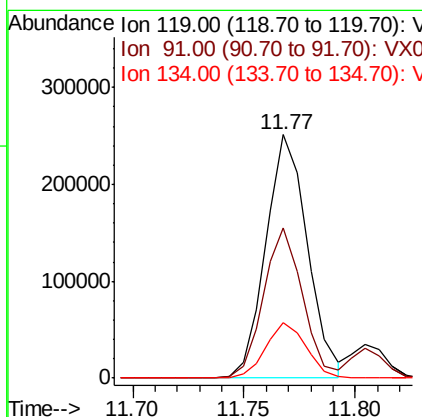
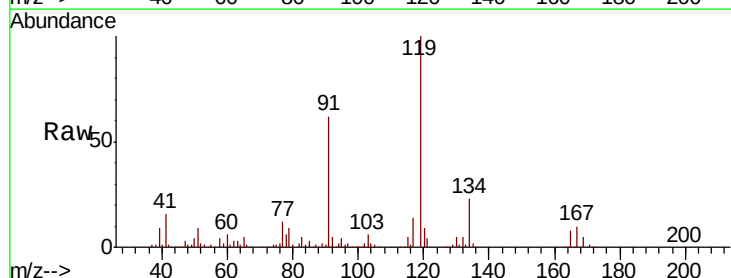
Instrument :
MSVOA_X
ClientSampled :
S73-0229MS

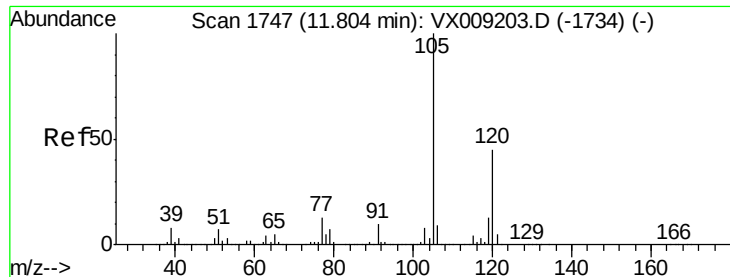
Tot Ion: 91 Resp: 316031
Ion Ratio Lower Upper
91 100
126 29.0 14.5 43.6



#83
tert-Butylbenzene
Concen: 45.506 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX009766.D
Acq: 21 May 2019 22:25

Tgt Ion: 119 Resp: 325716
Ion Ratio Lower Upper
119 100
91 58.3 29.5 88.5
134 22.3 11.4 34.1

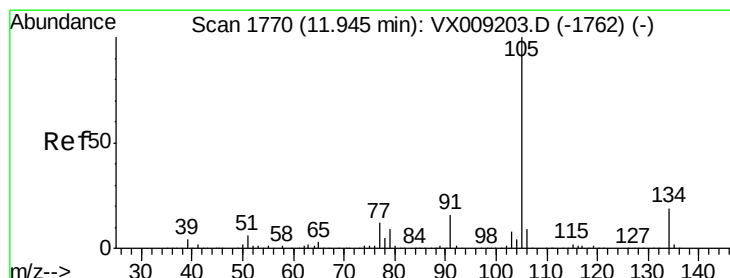
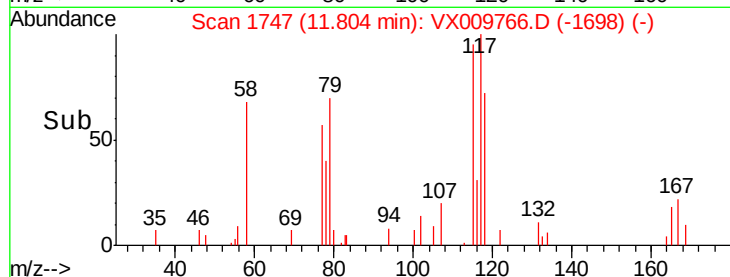
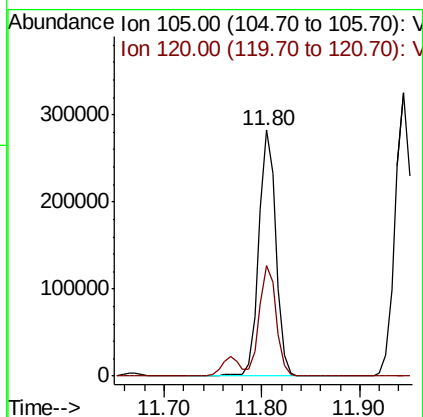
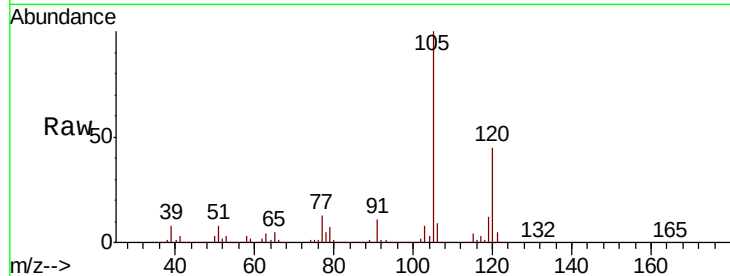




#84
 1,2,4-Trimethylbenzene
 Concen: 45.886 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX009766.D
 Acq: 21 May 2019 22:25

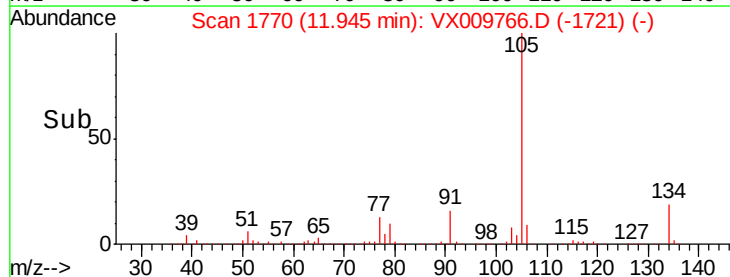
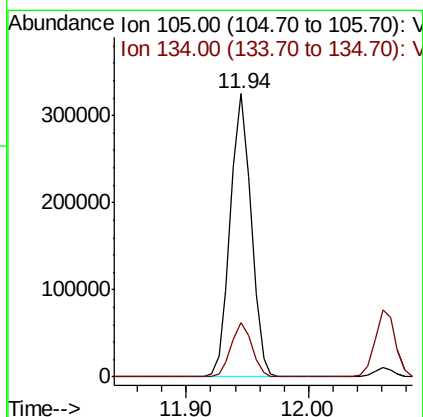
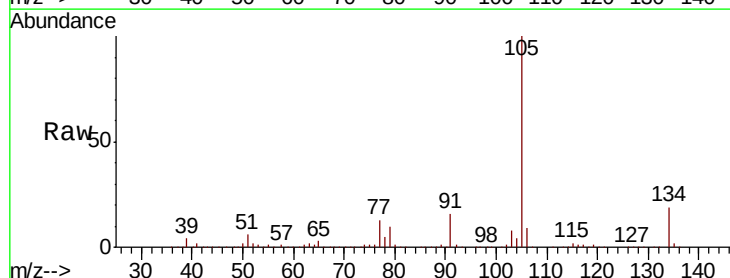
Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0229MS

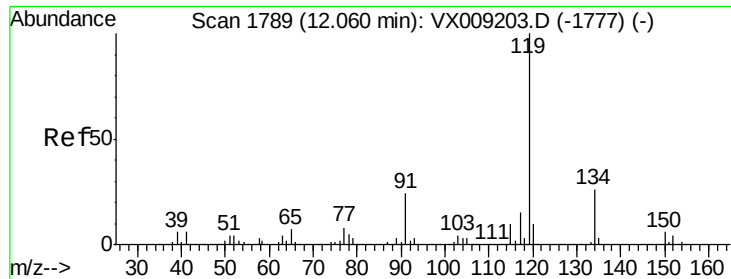
Tot Ion:105 Resp: 338891
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.0 66.0



#85
 sec-Butylbenzene
 Concen: 44.885 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX009766.D
 Acq: 21 May 2019 22:25

Tgt Ion:105 Resp: 380894
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.7 28.9

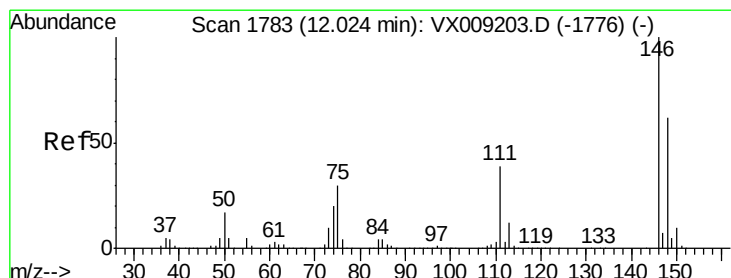
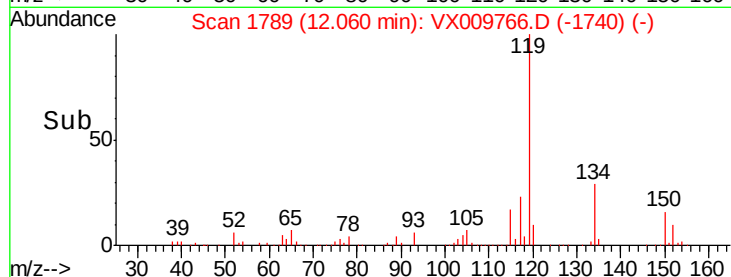
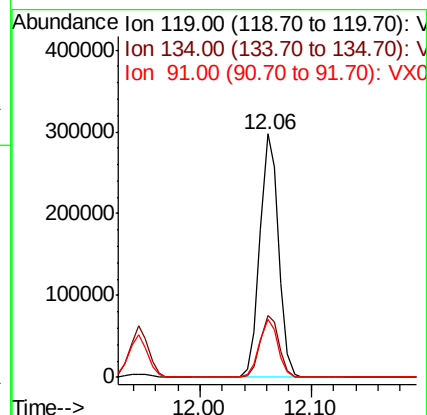
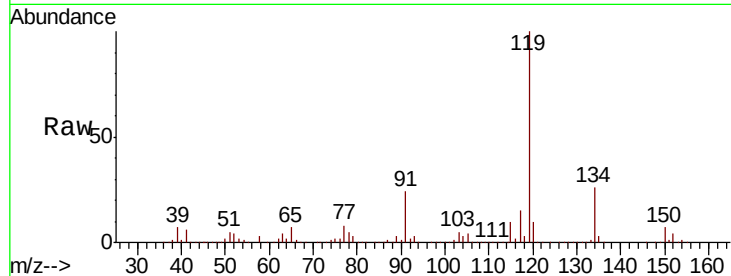




#86
 p-Isopropyltoluene
 Concen: 45.691 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX009766.D
 Acq: 21 May 2019 22:25

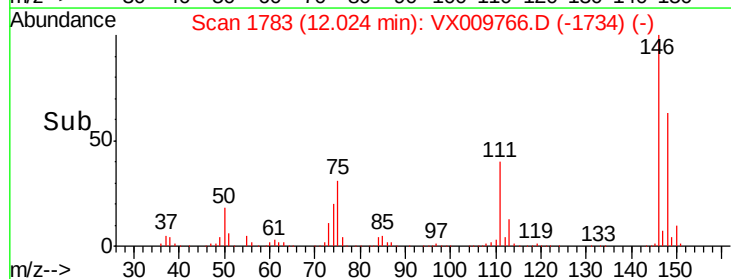
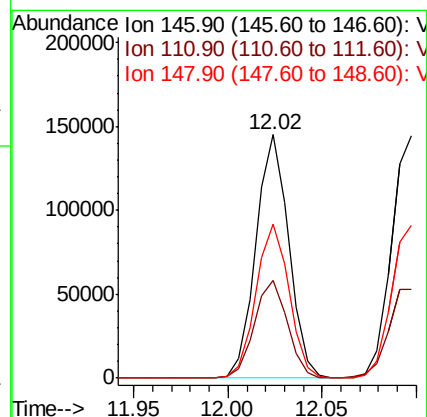
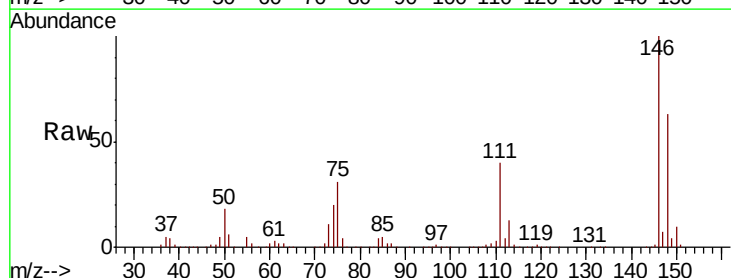
Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0229MS

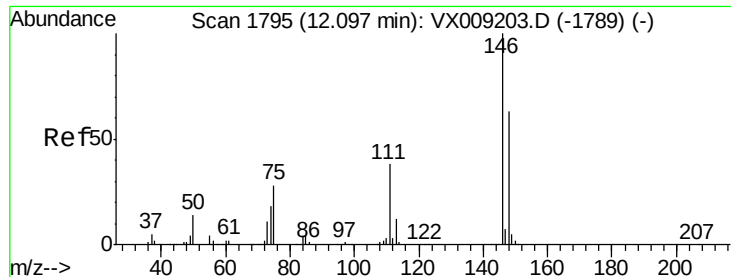
Tot Ion	Ratio	Lower	Upper
119	100		
134	25.8	12.9	38.7
91	23.9	11.8	35.4



#87
 1,3-Dichlorobenzene
 Concen: 45.223 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX009766.D
 Acq: 21 May 2019 22:25

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.0	59.9
148	63.9	31.8	95.3

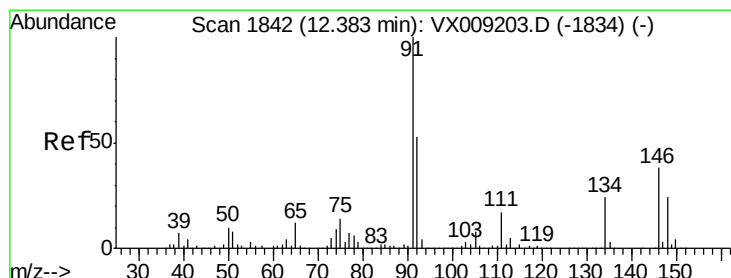
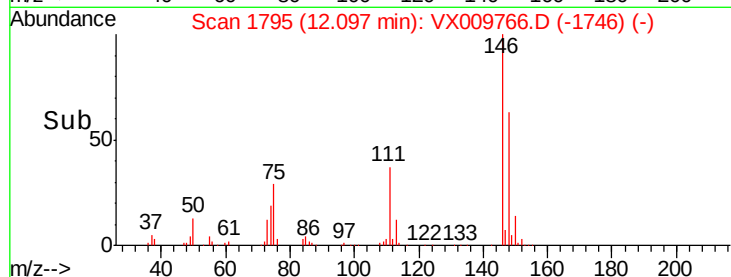
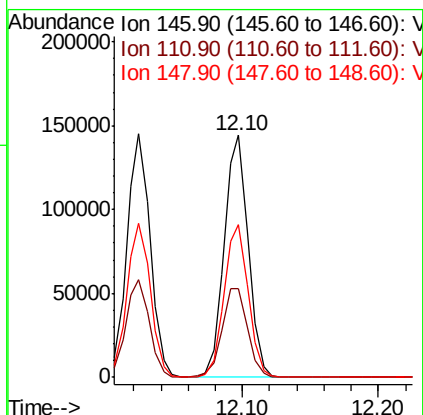
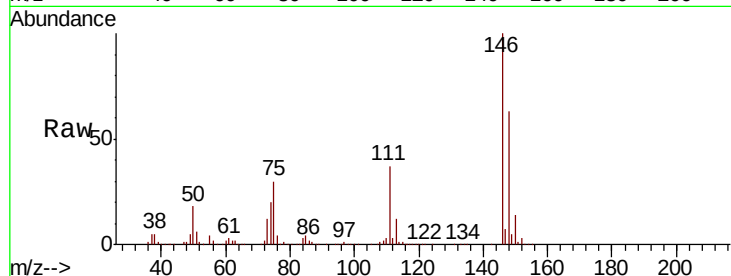




#88
 1,4-Dichlorobenzene
 Concen: 45.010 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX009766.D
 Acq: 21 May 2019 22:25

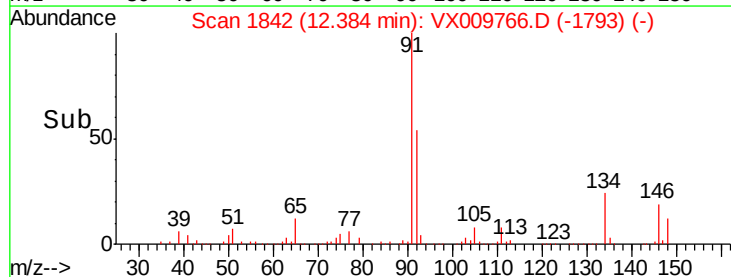
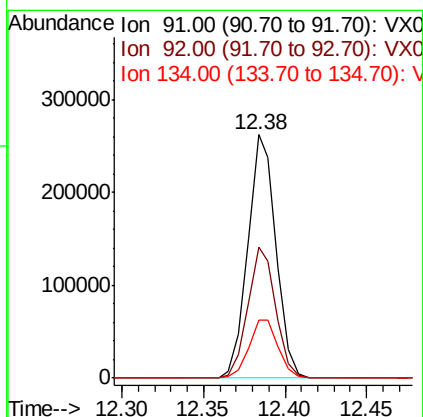
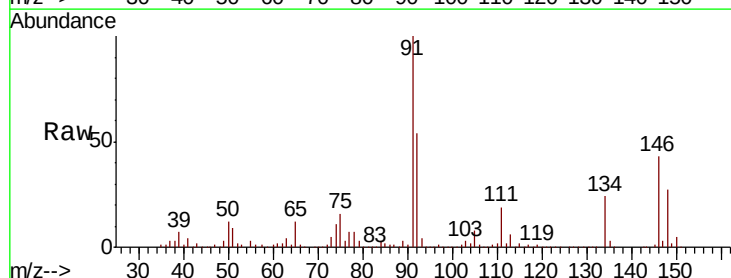
Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0229MS

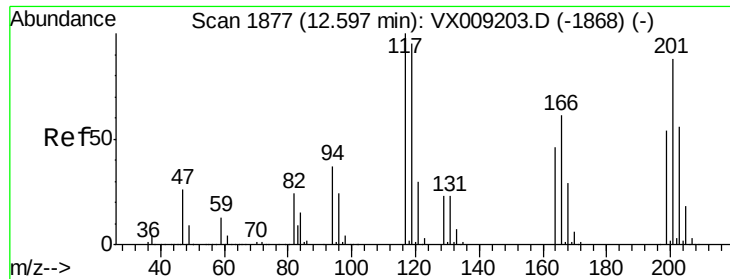
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.6	58.8
148	63.7	31.8	95.3



#89
 n-Butylbenzene
 Concen: 45.678 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX009766.D
 Acq: 21 May 2019 22:25

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.5	79.5
134	24.8	12.4	37.2





#90

Hexachloroethane

Concen: 44.655 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. -0.01 min

Lab File: VX009766.D

Acq: 21 May 2019 22:25

Instrument :

MSVOA_X

ClientSampleId :

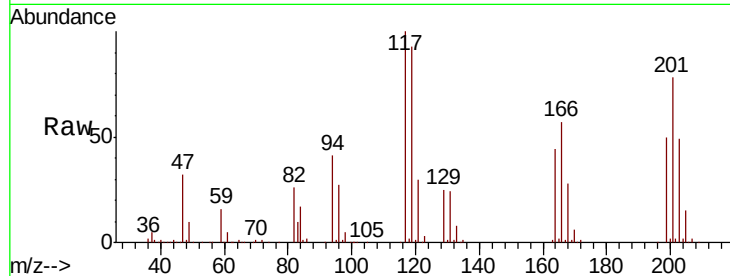
S73-0229MS

Tot Ion:117 Resp: 58039

Ion Ratio Lower Upper

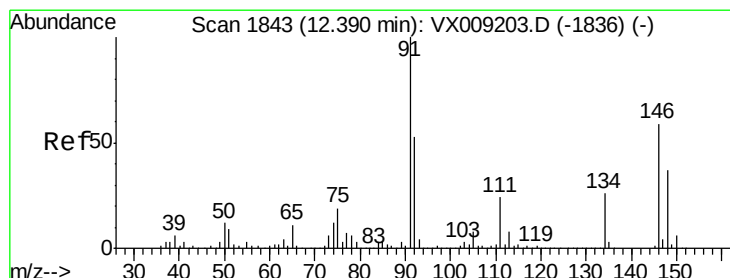
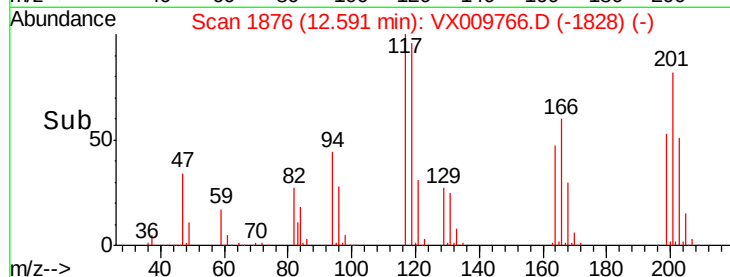
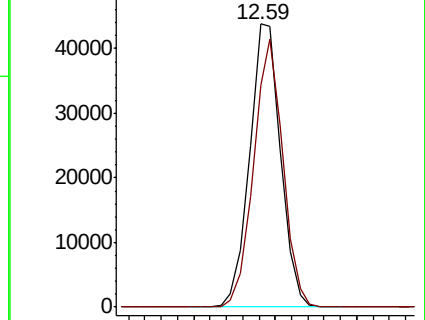
117 100

201 89.3 42.3 126.9



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 44.874 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX009766.D

Acq: 21 May 2019 22:25

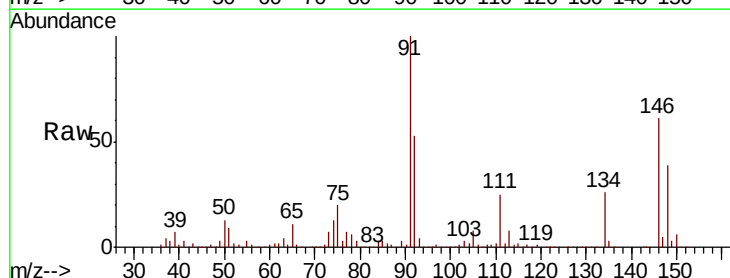
Tgt Ion:146 Resp: 176724

Ion Ratio Lower Upper

146 100

111 41.8 20.8 62.4

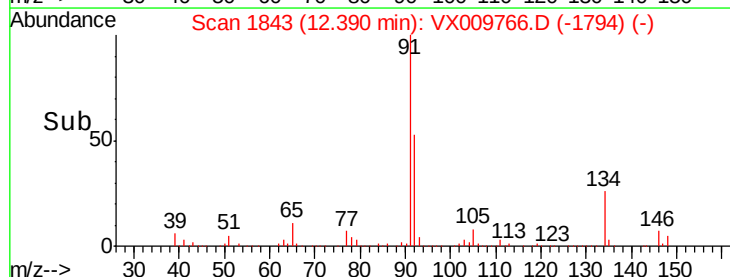
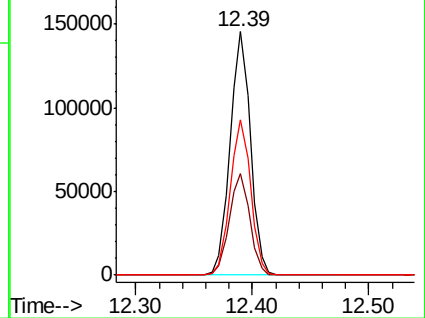
148 64.1 31.9 95.9

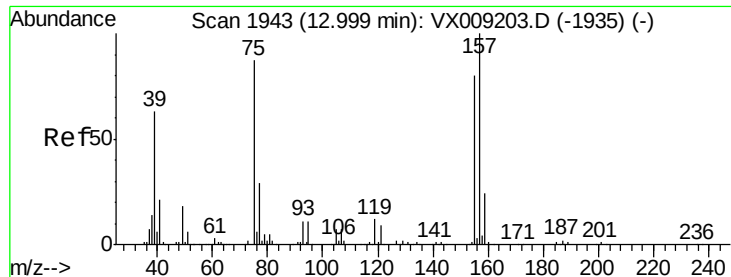


Abundance Ion 145.90 (145.60 to 146.60): V

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: 47.309 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX009766.D

Acq: 21 May 2019 22:25

Instrument :

MSVOA_X

ClientSampleId :

S73-0229MS

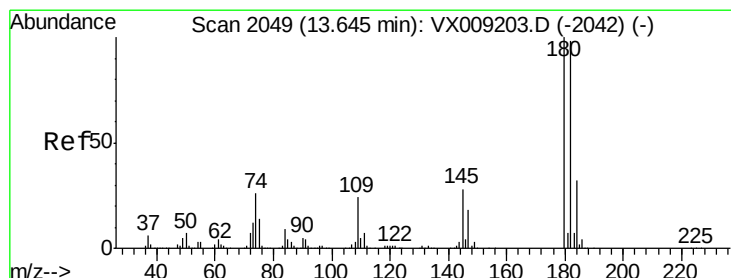
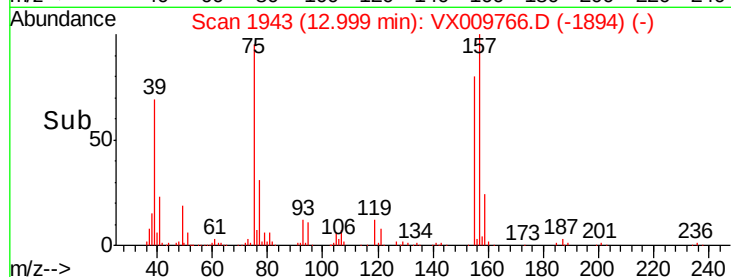
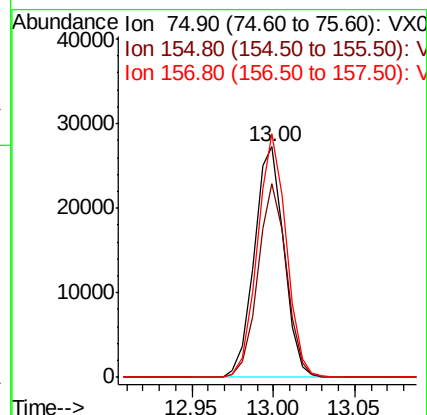
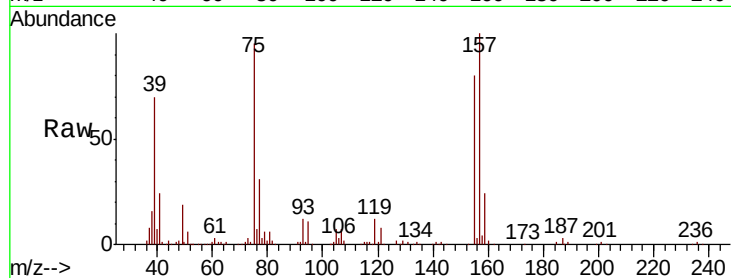
Tot Ion: 75 Resp: 34572

Ion Ratio Lower Upper

75 100

155 80.8 42.0 126.0

157 102.3 53.2 159.6



#93

1,2,4-Trichlorobenzene

Concen: 45.337 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX009766.D

Acq: 21 May 2019 22:25

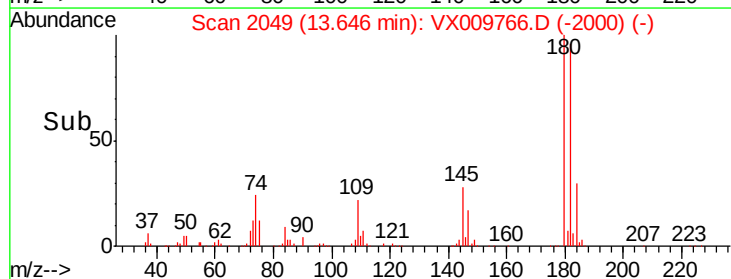
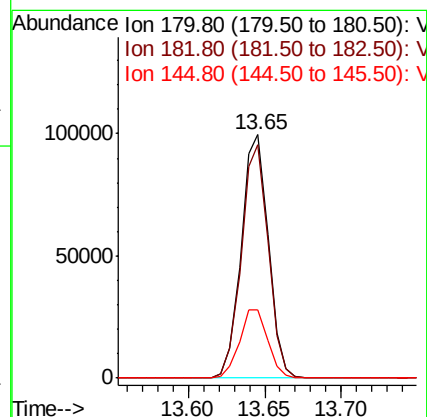
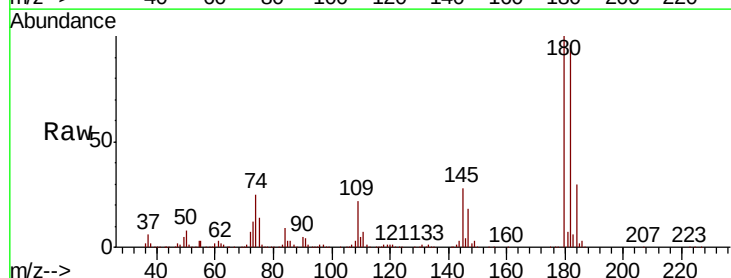
Tgt Ion:180 Resp: 122098

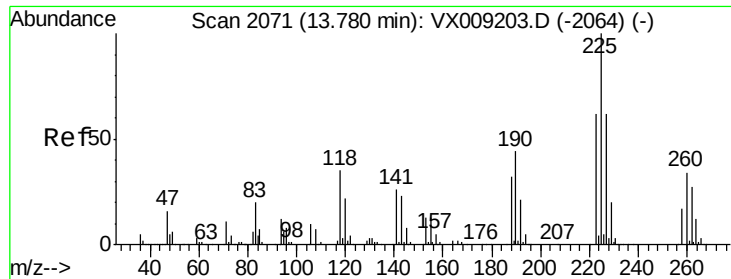
Ion Ratio Lower Upper

180 100

182 95.1 48.4 145.2

145 29.5 14.6 43.8





#94

Hexachlorobutadiene

Concen: 42.869 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX009766.D

Acq: 21 May 2019 22:25

Instrument :

MSVOA_X

ClientSampleId :

S73-0229MS

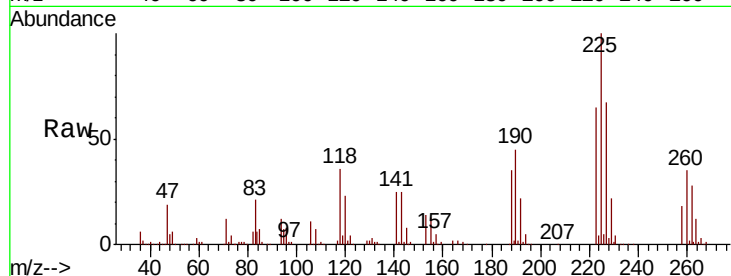
Tot Ion:225 Resp: 58956

Ion Ratio Lower Upper

225 100

223 64.8 31.3 93.8

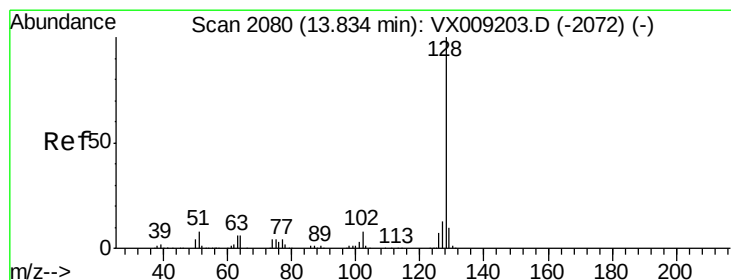
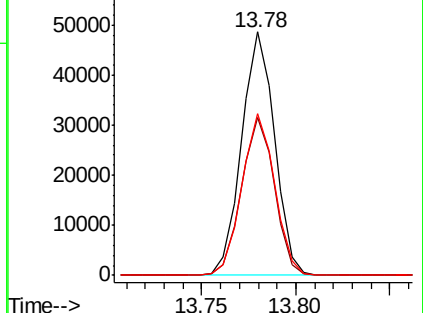
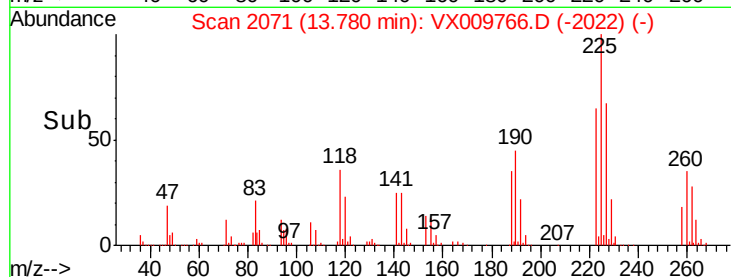
227 66.0 31.8 95.3



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 45.760 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX009766.D

Acq: 21 May 2019 22:25

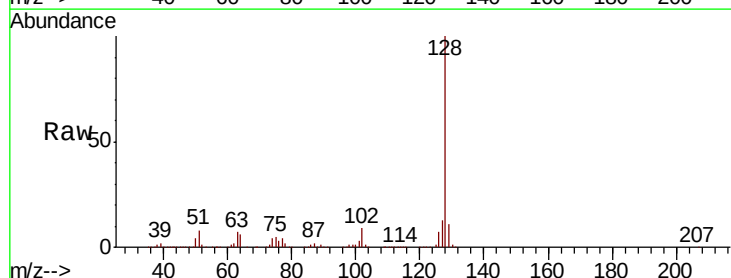
Tgt Ion:128 Resp: 400938

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

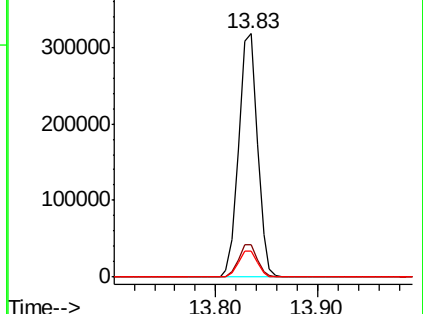
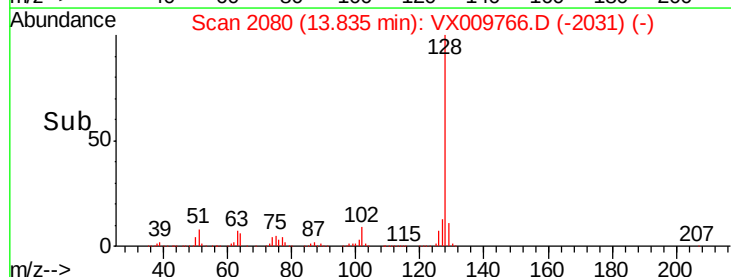
129 10.9 8.6 13.0

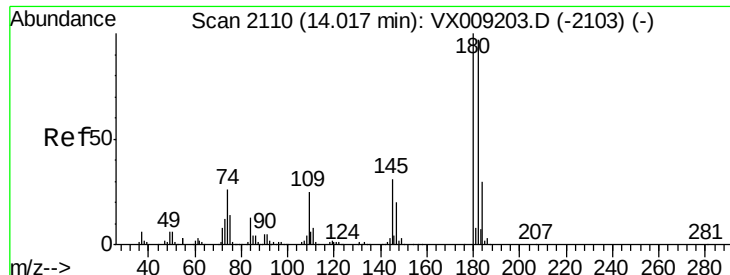


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

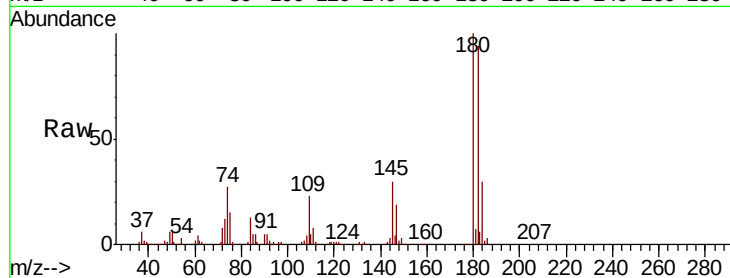




#96
 1,2,3-Trichlorobenzene
 Concen: 45.206 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX009766.D
 Acq: 21 May 2019 22:25

Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0229MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.8	143.4
145	31.3	15.4	46.4



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

