

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052119\
 Data File : VX009767.D
 Acq On : 21 May 2019 22:48
 Operator : JC/SP
 Sample : K2910-11MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0229MSD

Quant Time: May 22 07:10:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	162948	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	262971	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	240659	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	117983	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	93516	42.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.08%	
35) Dibromofluoromethane	5.50	113	69148	41.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.66%	
50) Toluene-d8	8.71	98	268481	40.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.46%	
62) 4-Bromofluorobenzene	11.13	95	102938	42.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	68489	45.611	ug/l	99
3) Chloromethane	1.32	50	105467	51.446	ug/l	100
4) Vinyl Chloride	1.41	62	106827	53.438	ug/l	96
5) Bromomethane	1.64	94	58933	49.116	ug/l	98
6) Chloroethane	1.71	64	69020	53.776	ug/l	99
7) Trichlorofluoromethane	1.92	101	122733	50.508	ug/l	95
8) Diethyl Ether	2.19	74	56543	49.124	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	72747	47.673	ug/l	99
10) Methyl Iodide	2.51	142	79084	45.101	ug/l	98
11) Tert butyl alcohol	3.05	59	129720	251.931	ug/l	100
12) 1,1-Dichloroethene	2.37	96	75941	49.670	ug/l	98
13) Acrolein	2.29	56	98820	211.918	ug/l	100
14) Allyl chloride	2.73	41	182137	48.883	ug/l	100
15) Acrylonitrile	3.14	53	318161	252.715	ug/l	99
16) Acetone	2.45	43	279077	233.648	ug/l	98
17) Carbon Disulfide	2.57	76	232199	54.093	ug/l	100
18) Methyl Acetate	2.78	43	116204	40.908	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	294330	49.574	ug/l	99
20) Methylene Chloride	2.85	84	92882	48.027	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	83504	50.361	ug/l	99
22) Diisopropyl ether	3.85	45	357863	49.942	ug/l	99
23) Vinyl Acetate	3.82	43	1385341	225.776	ug/l	99
24) 1,1-Dichloroethane	3.70	63	172160	48.704	ug/l	99
25) 2-Butanone	4.67	43	473818	255.274	ug/l	99
26) 2,2-Dichloropropane	4.58	77	99758	37.915	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	98624	49.831	ug/l	97
28) Bromochloromethane	5.01	49	83029	58.835	ug/l	98
29) Tetrahydrofuran	5.13	42	315647	264.272	ug/l	98
30) Chloroform	5.21	83	157839	49.370	ug/l	97
31) Cyclohexane	5.58	56	168869	51.348	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	131956	49.582	ug/l	98
36) 1,1-Dichloropropene	5.80	75	122703	50.209	ug/l	99
37) Ethyl Acetate	4.84	43	153031	44.943	ug/l	99
38) Carbon Tetrachloride	5.79	117	111732	50.321	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052119\
 Data File : VX009767.D
 Acq On : 21 May 2019 22:48
 Operator : JC/SP
 Sample : K2910-11MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0229MSD

Quant Time: May 22 07:10:48 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)
39) Methylcyclohexane	7.46	83	149319	49.752	ug/l	99
40) Benzene	6.14	78	376325	49.757	ug/l	100
41) Methacrylonitrile	5.04	41	102119	50.382	ug/l	98
42) 1,2-Dichloroethane	6.19	62	137341	50.622	ug/l	99
43) Isopropyl Acetate	6.45	43	259621	47.668	ug/l	99
44) Trichloroethene	7.21	130	87234	47.710	ug/l	98
45) 1,2-Dichloropropane	7.51	63	106749	49.846	ug/l	98
46) Dibromomethane	7.66	93	61734	49.640	ug/l	99
47) Bromodichloromethane	7.90	83	124287	50.101	ug/l	98
48) Methyl methacrylate	7.77	41	143386	53.064	ug/l	98
49) 1,4-Dioxane	7.74	88	48345	882.234	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	951273	267.219	ug/l	99
52) Toluene	8.78	92	228966	49.803	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	140712	50.240	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	153337	49.463	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	92227	49.171	ug/l	97
56) Ethyl methacrylate	9.18	69	172057	51.389	ug/l	96
57) 1,3-Dichloropropane	9.37	76	163515	49.540	ug/l	100
59) 2-Hexanone	9.49	43	736682	263.486	ug/l	98
60) Dibromochloromethane	9.58	129	93019	50.777	ug/l	99
61) 1,2-Dibromoethane	9.67	107	95241	50.303	ug/l	100
64) Tetrachloroethene	9.34	164	73723	44.659	ug/l	98
65) Chlorobenzene	10.13	112	237860	49.407	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	86300	49.445	ug/l	100
67) Ethyl Benzene	10.25	91	444233	50.139	ug/l	100
68) m/p-Xylenes	10.36	106	322944	99.743	ug/l	97
69) o-Xylene	10.69	106	159445	49.912	ug/l	99
70) Styrene	10.71	104	279198	50.285	ug/l	99
71) Bromoform	10.85	173	72606	51.190	ug/l #	100
73) Isopropylbenzene	11.02	105	419434	48.887	ug/l	99
74) N-amyl acetate	10.90	43	222010	44.384	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	158061	49.420	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	181288	66.241	ug/l	81
77) Bromobenzene	11.26	156	105702	49.637	ug/l	99
78) n-propylbenzene	11.36	91	484136	49.410	ug/l	99
79) 2-Chlorotoluene	11.42	91	291698	48.254	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	356869	49.400	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	49251	46.045	ug/l	96
82) 4-Chlorotoluene	11.51	91	334722	49.013	ug/l	99
83) tert-Butylbenzene	11.77	119	347611	49.464	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	360178	49.672	ug/l	99
85) sec-Butylbenzene	11.94	105	406598	48.802	ug/l	100
86) p-Isopropyltoluene	12.06	119	373605	49.880	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	185433	48.847	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	184013	48.080	ug/l	99
89) n-Butylbenzene	12.38	91	335368	49.539	ug/l	100
90) Hexachloroethane	12.59	117	64118	50.247	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	186168	48.148	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	36047	50.241	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	129184	48.857	ug/l	99

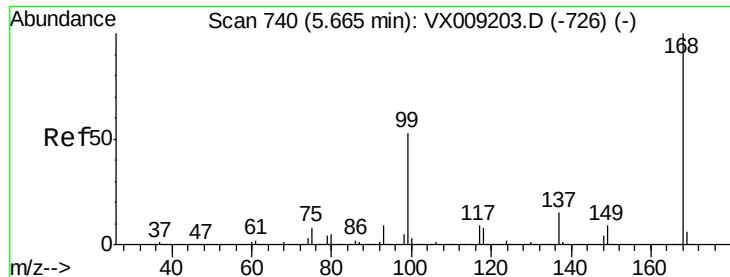
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052119\
Data File : VX009767.D
Acq On : 21 May 2019 22:48
Operator : JC/SP
Sample : K2910-11MSD
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
S73-0229MSD

Quant Time: May 22 07:10:48 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)
94) Hexachlorobutadiene	13.78	225	65299	48.361	ug/l	99
95) Naphthalene	13.83	128	426036	49.525	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	131376	49.017	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009767.D

Acq: 21 May 2019 22:48

Instrument :

MSVOA_X

ClientSampleId :

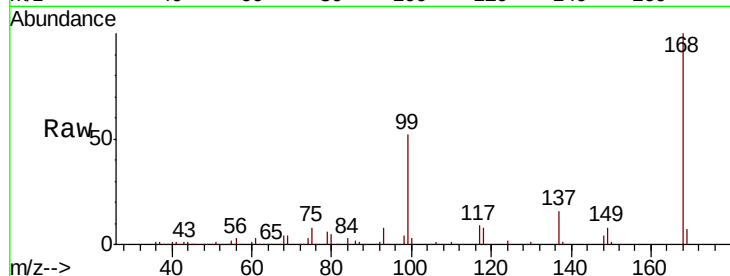
S73-0229MSD

Tot Ion:168 Resp: 162948

Ion Ratio Lower Upper

168 100

99 51.6 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

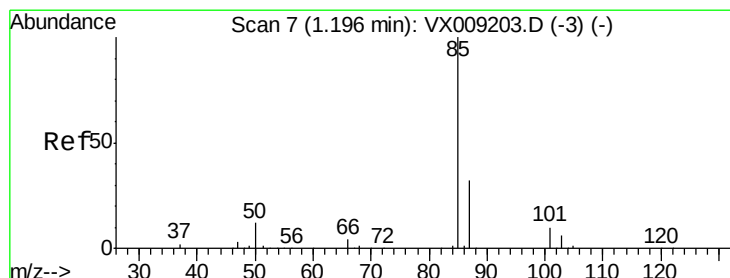
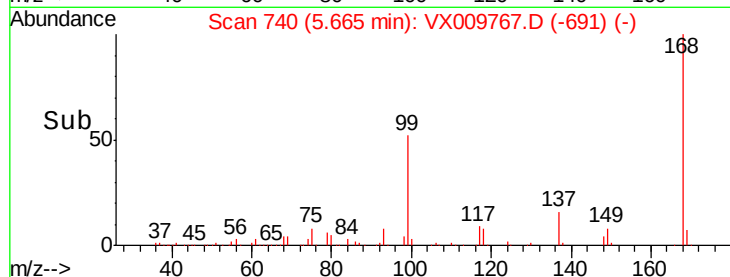
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 45.611 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX009767.D

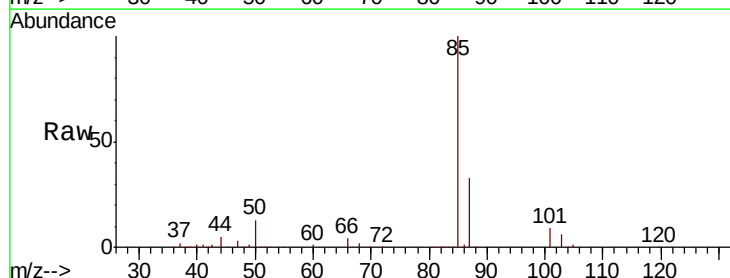
Acq: 21 May 2019 22:48

Tgt Ion: 85 Resp: 68489

Ion Ratio Lower Upper

85 100

87 32.9 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

60000

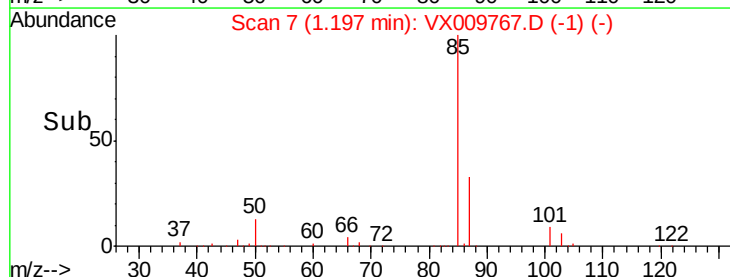
40000

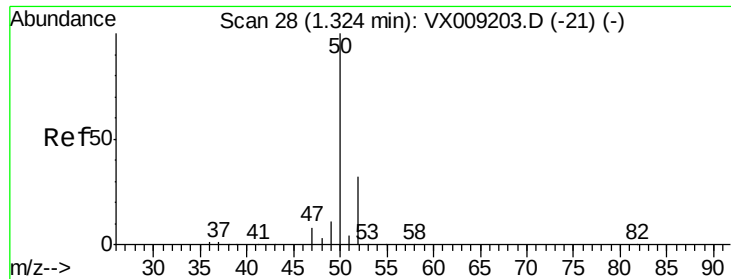
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 51.446 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX009767.D

Acq: 21 May 2019 22:48

Instrument :

MSVOA_X

ClientSampled :

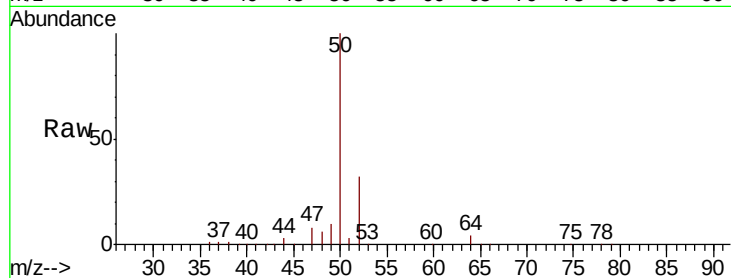
S73-0229MSD

Tot Ion: 50 Resp: 105467

Ion Ratio Lower Upper

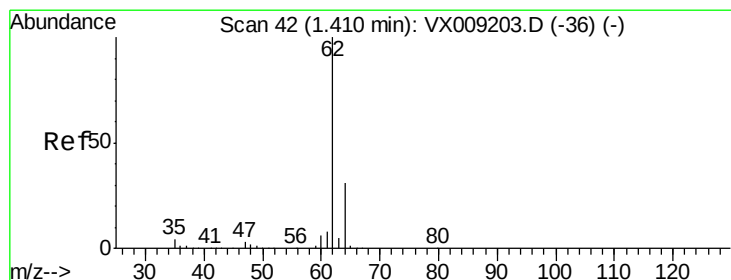
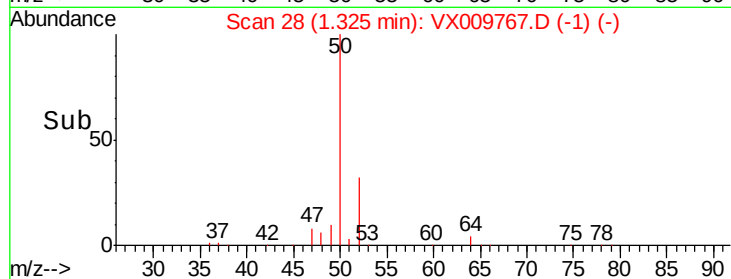
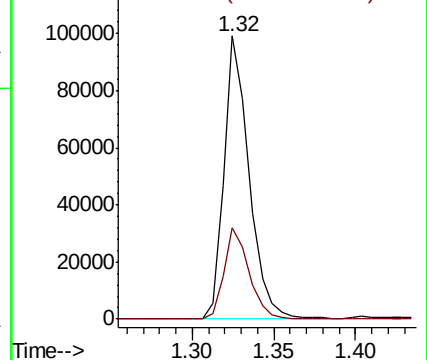
50 100

52 32.5 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: 53.438 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX009767.D

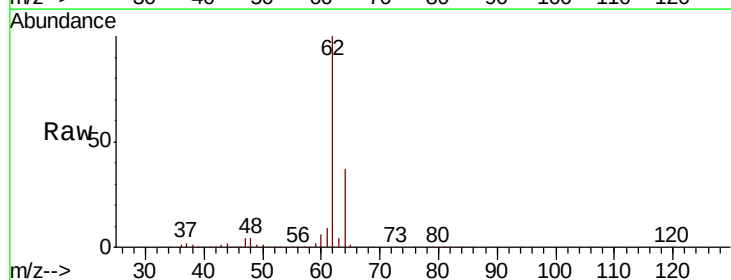
Acq: 21 May 2019 22:48

Tgt Ion: 62 Resp: 106827

Ion Ratio Lower Upper

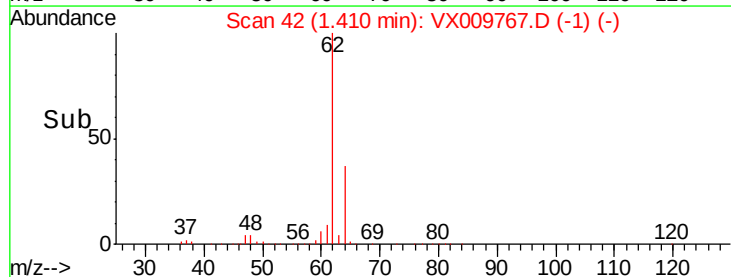
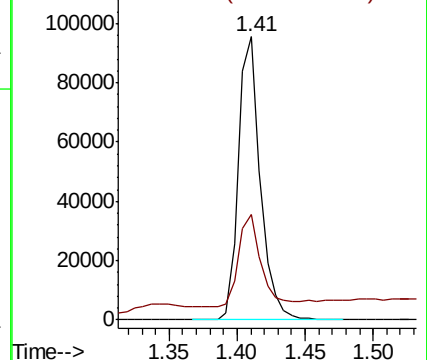
62 100

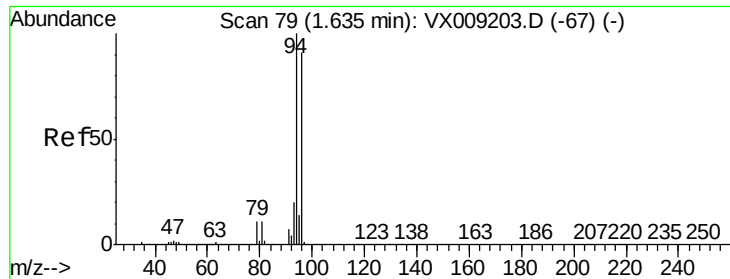
64 32.8 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 49.116 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009767.D

Acq: 21 May 2019 22:48

Instrument :

MSVOA_X

ClientSampleId :

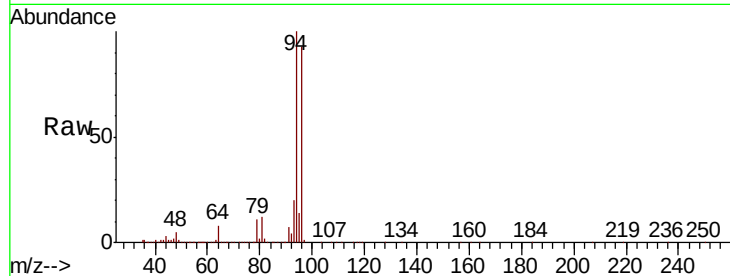
S73-0229MSD

Tot Ion: 94 Resp: 58933

Ion Ratio Lower Upper

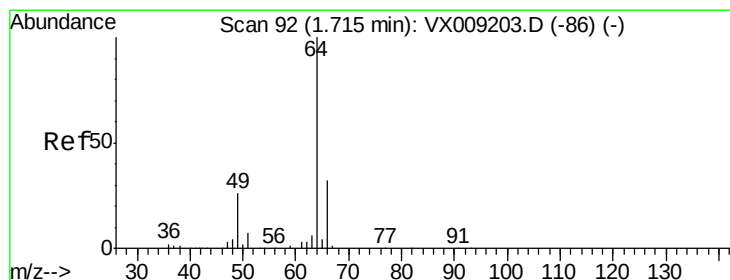
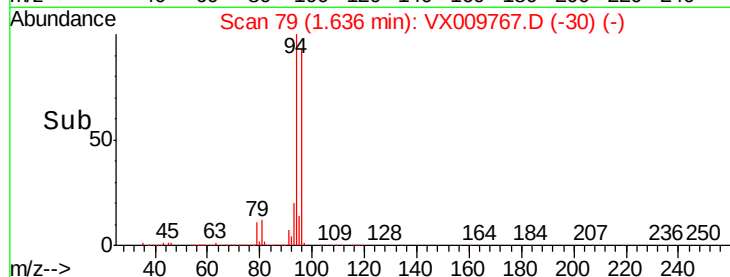
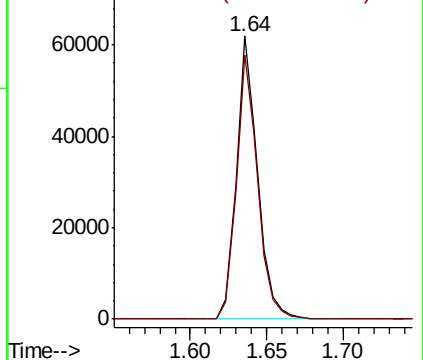
94 100

96 93.5 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: 53.776 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX009767.D

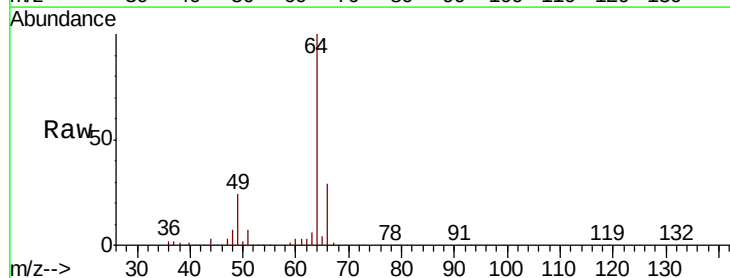
Acq: 21 May 2019 22:48

Tgt Ion: 64 Resp: 69020

Ion Ratio Lower Upper

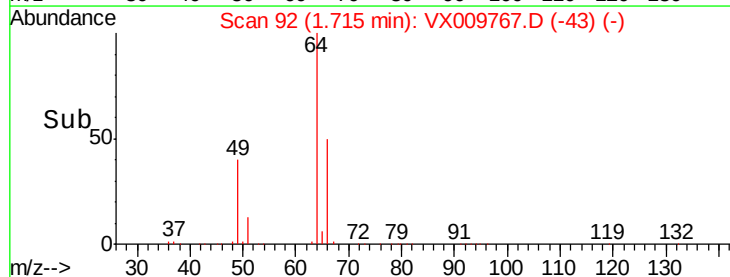
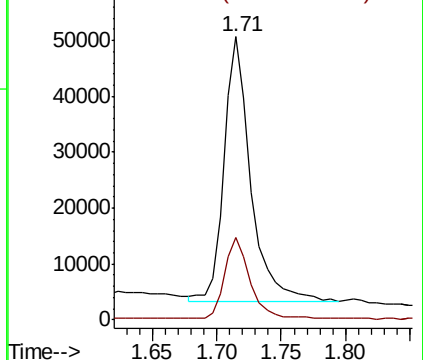
64 100

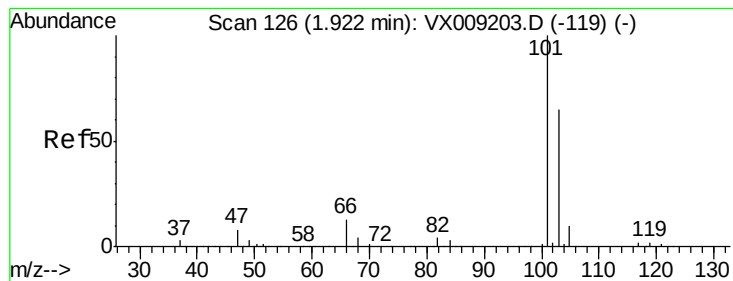
66 30.9 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



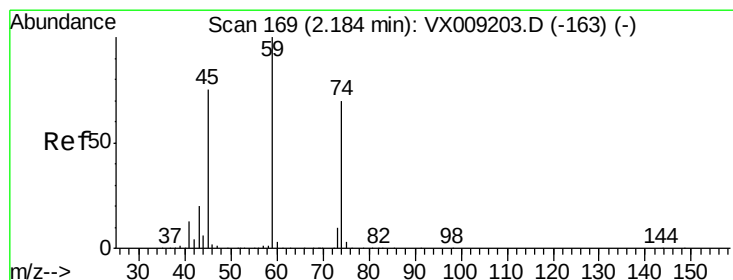
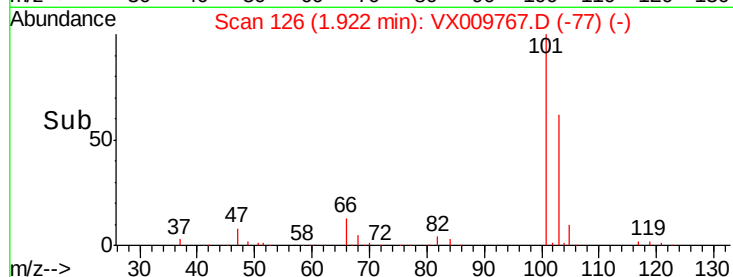
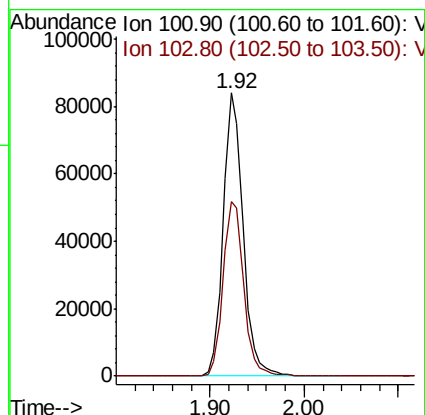
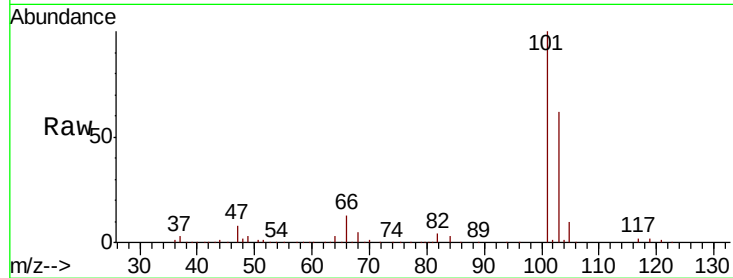


#7

Trichlorofluoromethane
 Concen: 50.508 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: VX009767.D
 Acq: 21 May 2019 22:48

Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0229MSD

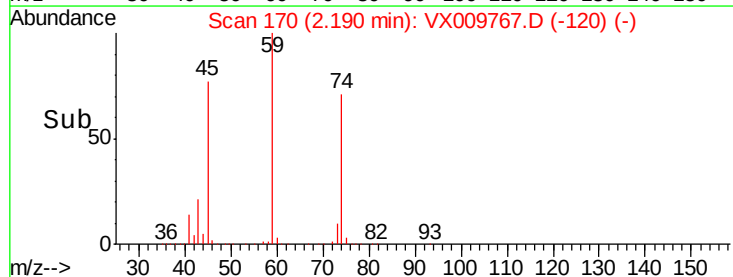
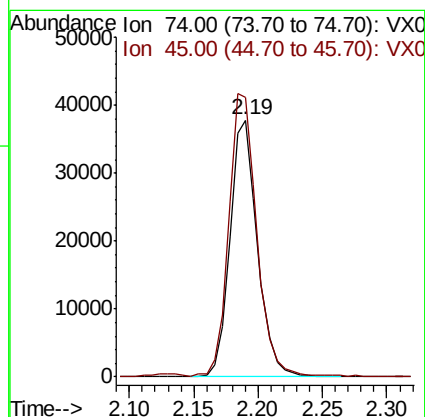
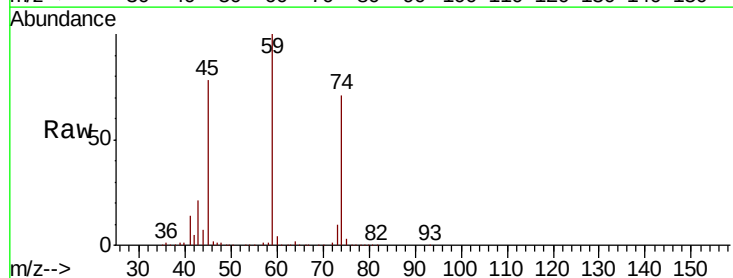
Tot Ion:101 Resp: 122733
 Ion Ratio Lower Upper
 101 100
 103 61.8 52.4 78.6

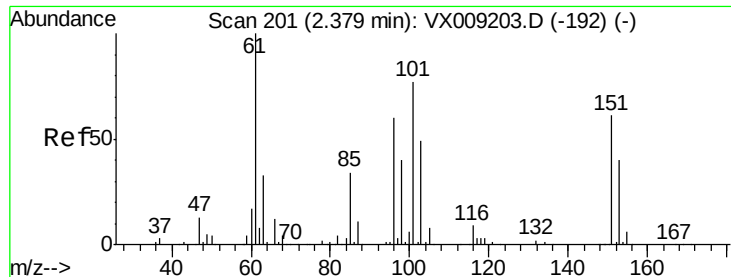


#8

Diethyl Ether
 Concen: 49.124 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX009767.D
 Acq: 21 May 2019 22:48

Tgt Ion: 74 Resp: 56543
 Ion Ratio Lower Upper
 74 100
 45 112.2 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.673 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX009767.D

Acq: 21 May 2019 22:48

Instrument :

MSVOA_X

ClientSampleId :

S73-0229MSD

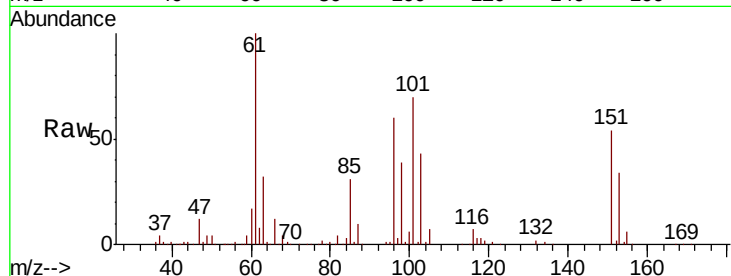
Tot Ion:101 Resp: 72747

Ion Ratio Lower Upper

101 100

85 44.5 35.7 53.5

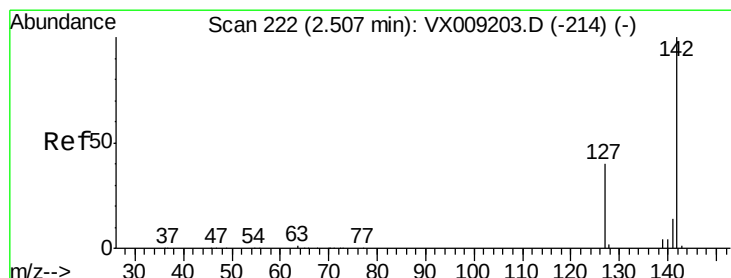
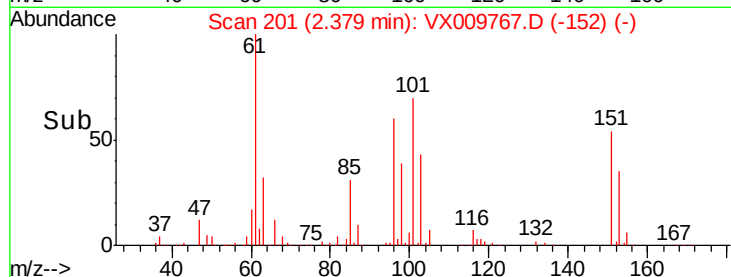
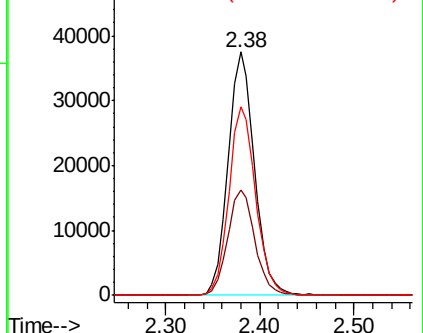
151 78.6 62.2 93.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 45.101 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009767.D

Acq: 21 May 2019 22:48

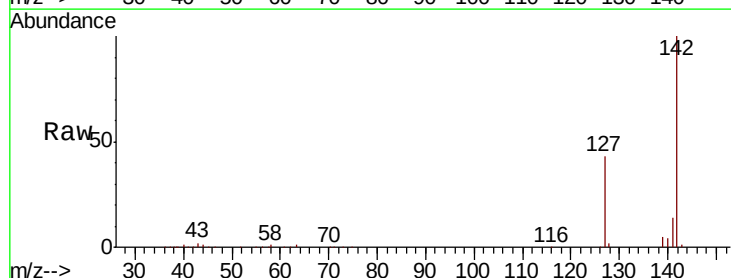
Tgt Ion:142 Resp: 79084

Ion Ratio Lower Upper

142 100

127 42.1 32.7 49.1

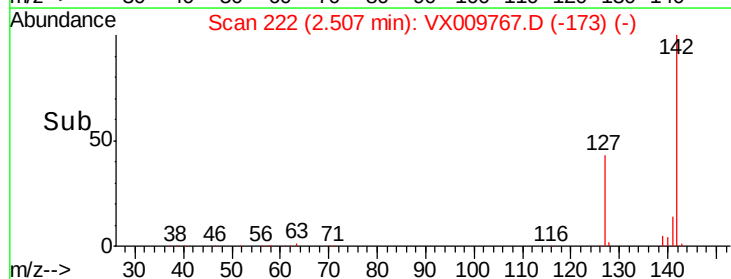
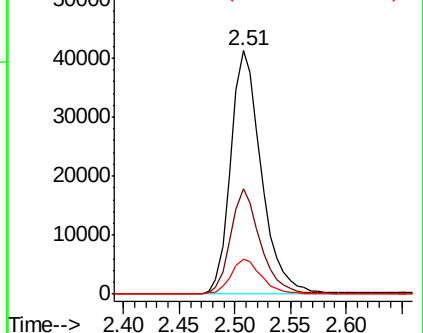
141 14.6 11.5 17.3

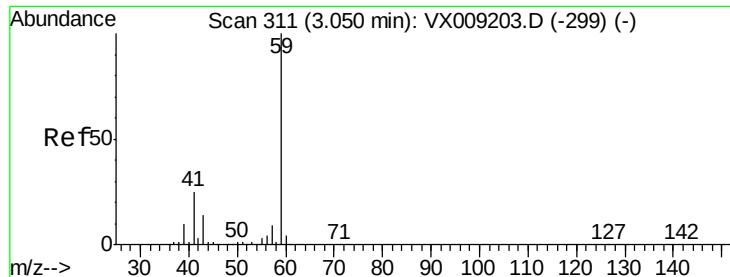


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

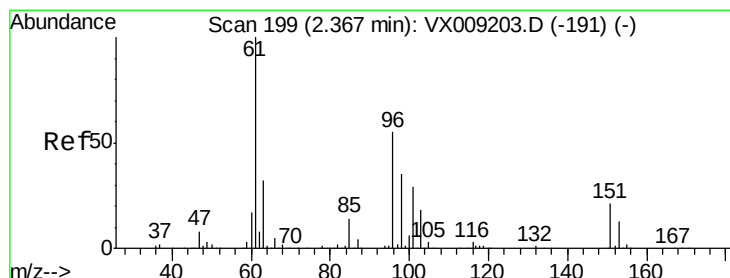
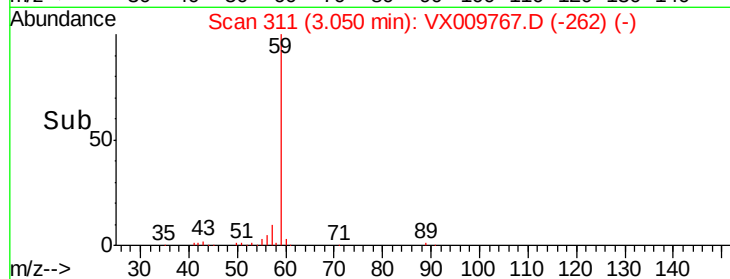
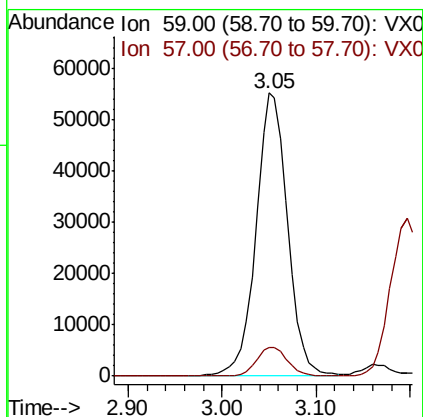
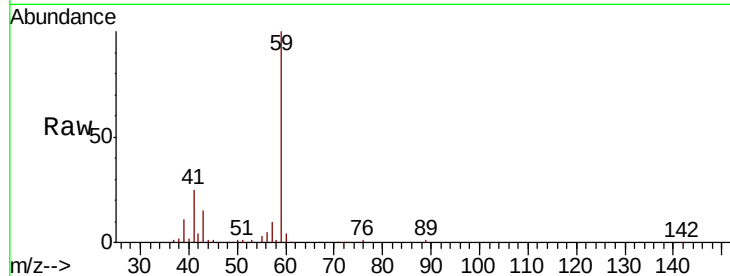




#11
Tert butyl alcohol
Concen: 251.931 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX009767.D
Acq: 21 May 2019 22:48

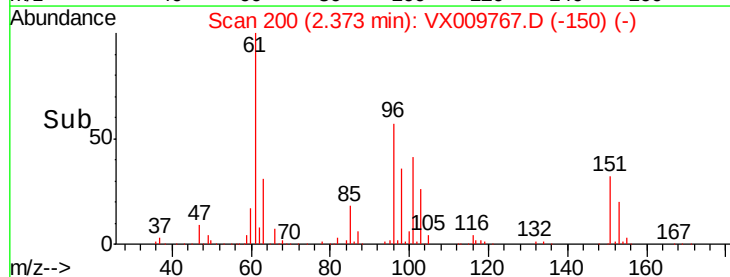
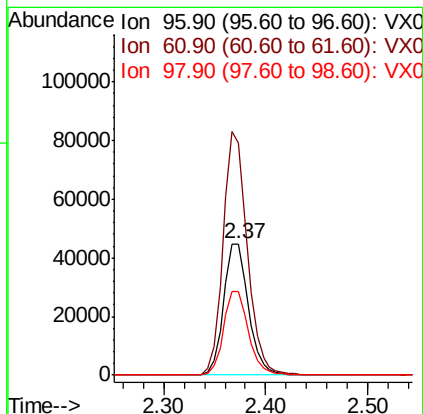
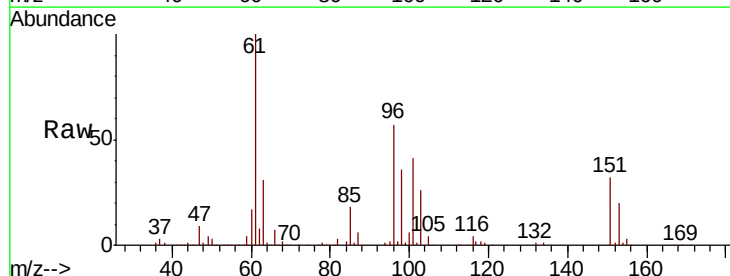
Instrument :
MSVOA_X
ClientSampleId :
S73-0229MSD

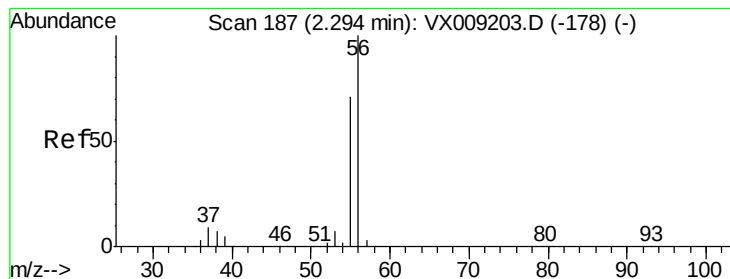
Tot Ion: 59 Resp: 129720
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.2



#12
1,1-Dichloroethene
Concen: 49.670 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX009767.D
Acq: 21 May 2019 22:48

Tgt Ion: 96 Resp: 75941
Ion Ratio Lower Upper
96 100
61 176.9 144.3 216.5
98 63.8 50.3 75.5





#13

Acrolein

Concen: 211.918 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX009767.D

Acq: 21 May 2019 22:48

Instrument :

MSVOA_X

ClientSampleId :

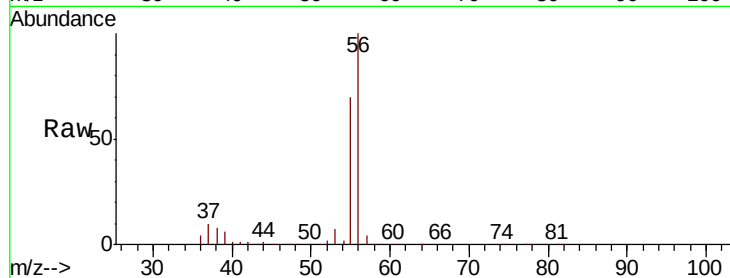
S73-0229MSD

Tot Ion: 56 Resp: 98820

Ion Ratio Lower Upper

56 100

55 70.5 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

60000

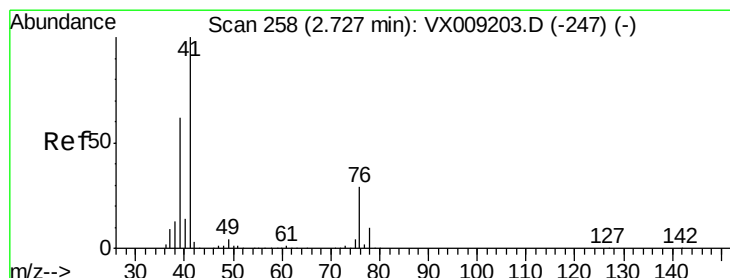
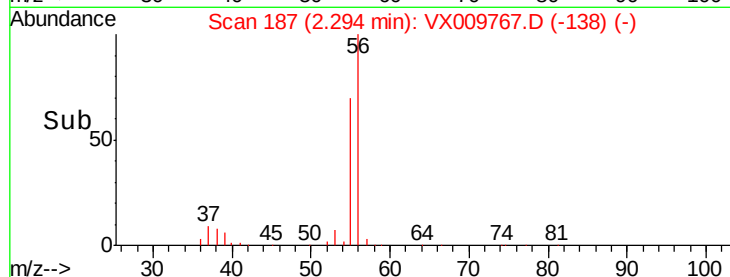
40000

20000

0

Time-->

2.20 2.30 2.40



#14

Allyl chloride

Concen: 48.883 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX009767.D

Acq: 21 May 2019 22:48

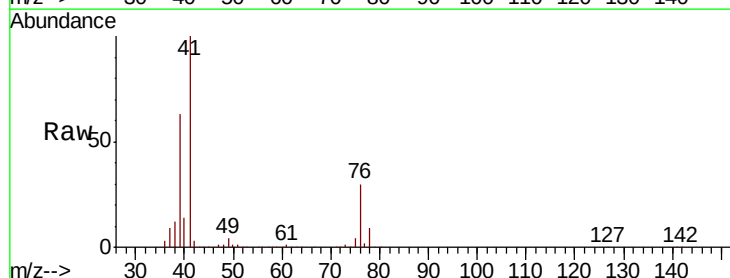
Tgt Ion: 41 Resp: 182137

Ion Ratio Lower Upper

41 100

39 58.6 46.7 70.1

76 27.1 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

120000

100000

80000

60000

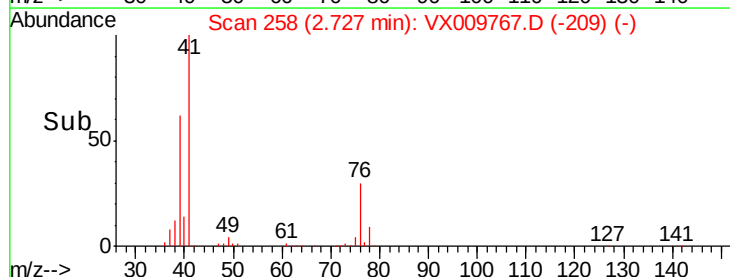
40000

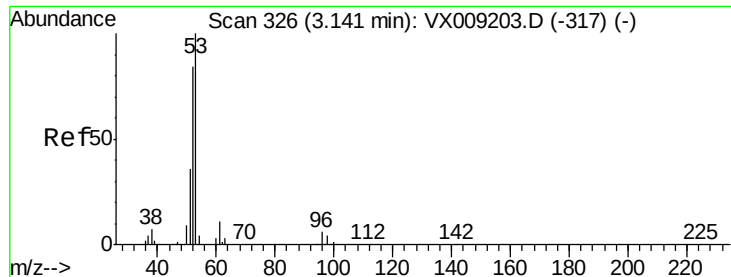
20000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 252.715 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX009767.D

Acq: 21 May 2019 22:48

Instrument :

MSVOA_X

ClientSampleId :

S73-0229MSD

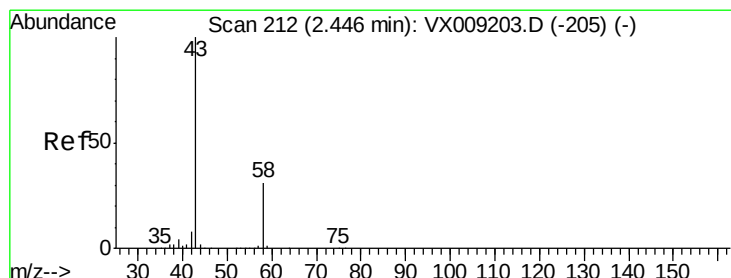
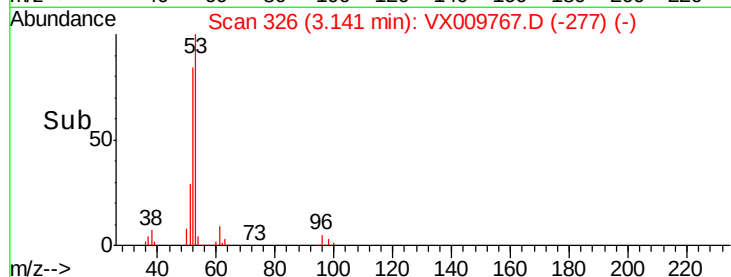
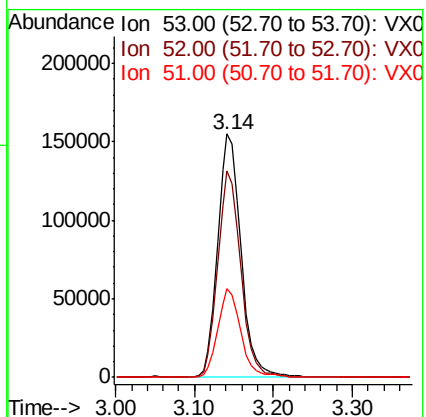
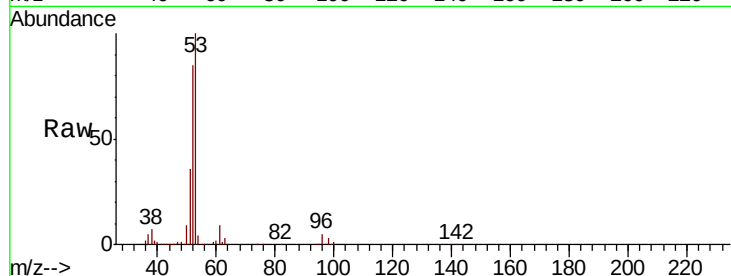
Tot Ion: 53 Resp: 318161

Ion Ratio Lower Upper

53 100

52 84.0 66.9 100.3

51 36.1 28.2 42.2



#16

Acetone

Concen: 233.648 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX009767.D

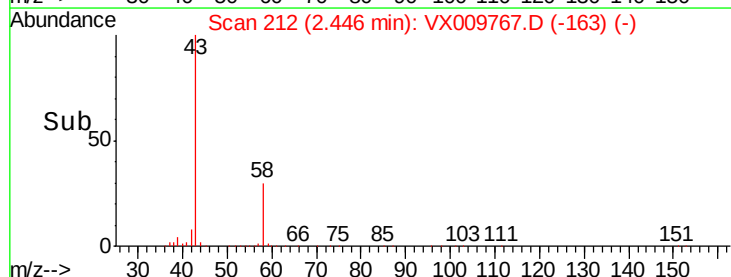
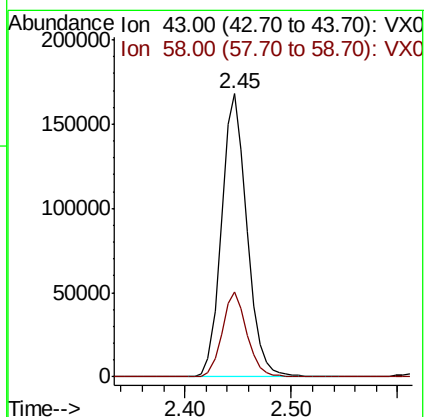
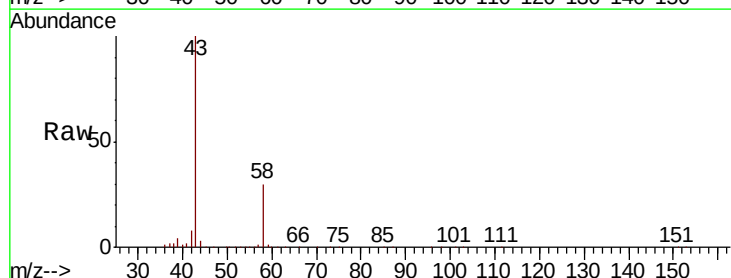
Acq: 21 May 2019 22:48

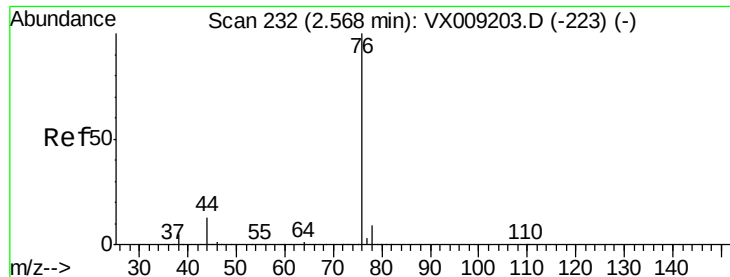
Tgt Ion: 43 Resp: 279077

Ion Ratio Lower Upper

43 100

58 30.0 24.9 37.3





#17

Carbon Disulfide

Concen: 54.093 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX009767.D

Acq: 21 May 2019 22:48

Instrument :

MSVOA_X

ClientSampleId :

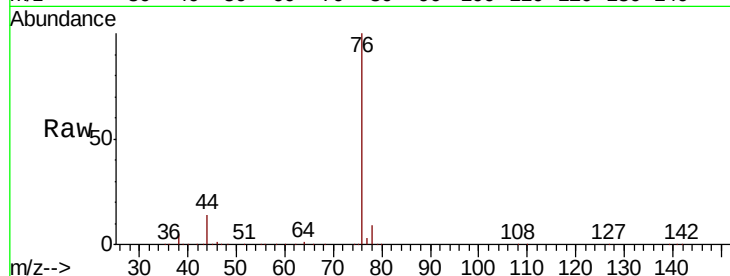
S73-0229MSD

Tot Ion: 76 Resp: 232199

Ion Ratio Lower Upper

76 100

78 9.3 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

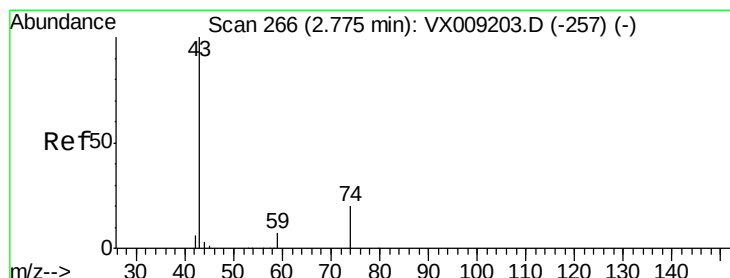
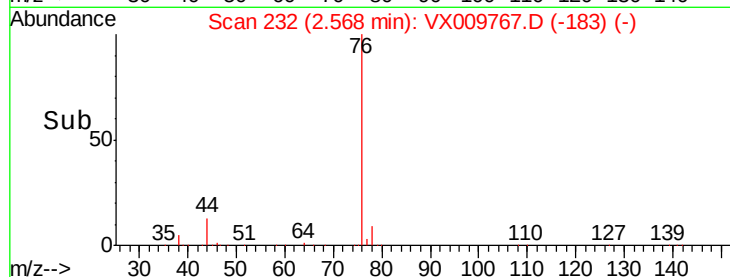
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 40.908 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX009767.D

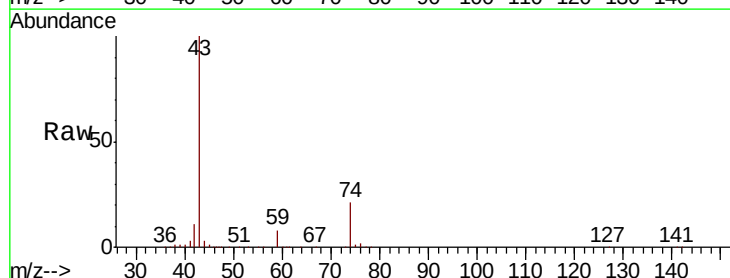
Acq: 21 May 2019 22:48

Tgt Ion: 43 Resp: 116204

Ion Ratio Lower Upper

43 100

74 20.1 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

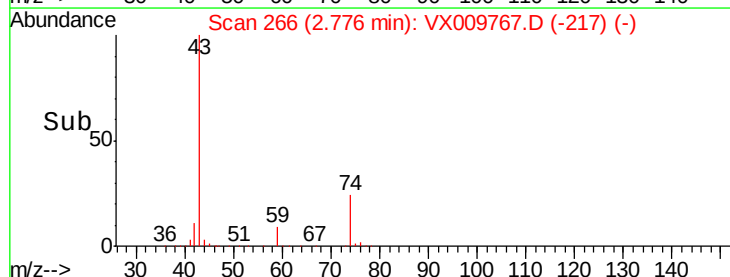
60000

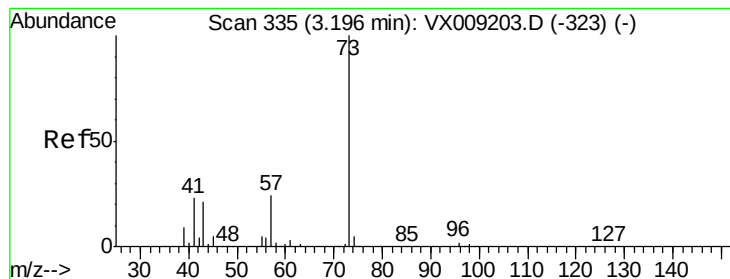
40000

20000

0

Time-->



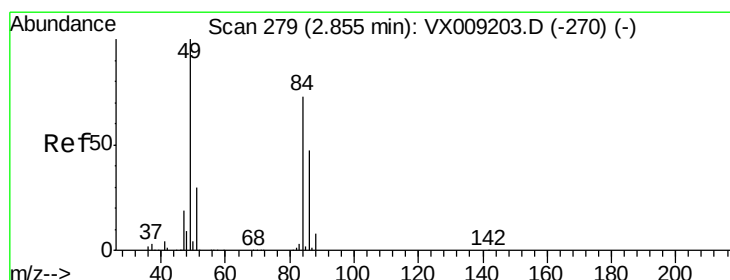
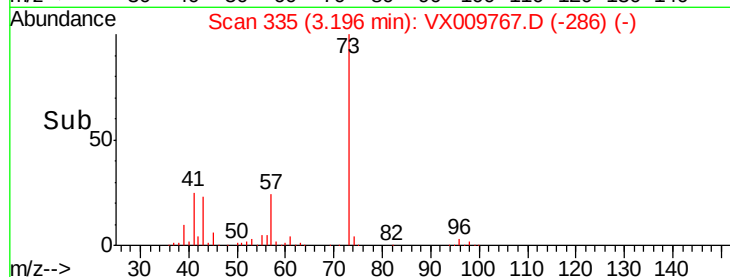
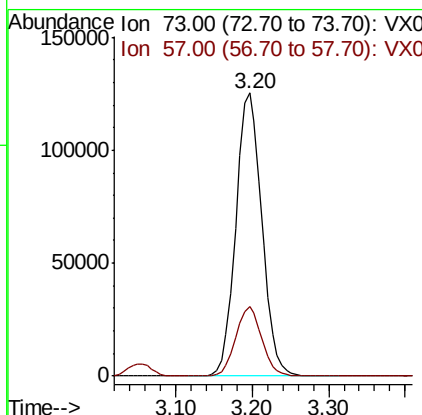
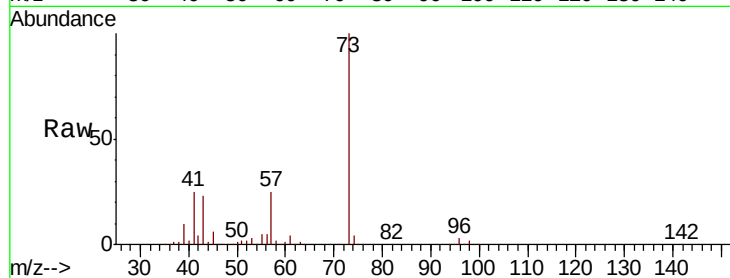


#19

Methyl tert-butyl Ether
 Concen: 49.574 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. 0.00 min
 Lab File: VX009767.D
 Acq: 21 May 2019 22:48

Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0229MSD

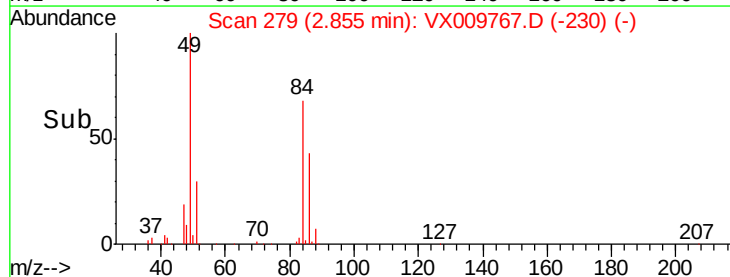
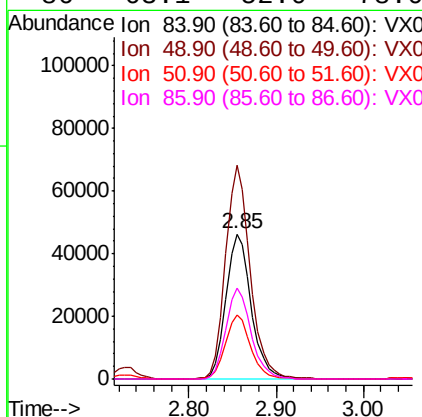
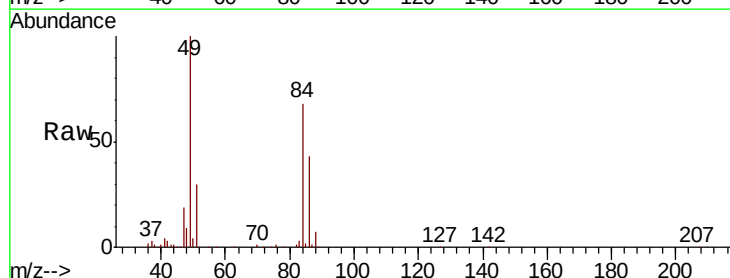
Tot Ion: 73 Resp: 294330
 Ion Ratio Lower Upper
 73 100
 57 24.5 19.3 28.9

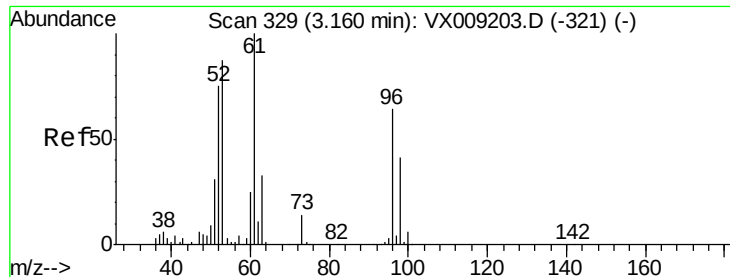


#20

Methylene Chloride
 Concen: 48.027 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX009767.D
 Acq: 21 May 2019 22:48

Tgt Ion: 84 Resp: 92882
 Ion Ratio Lower Upper
 84 100
 49 147.5 109.9 164.9
 51 44.1 32.7 49.1
 86 63.1 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 50.361 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009767.D

Acq: 21 May 2019 22:48

Instrument :

MSVOA_X

ClientSampleId :

S73-0229MSD

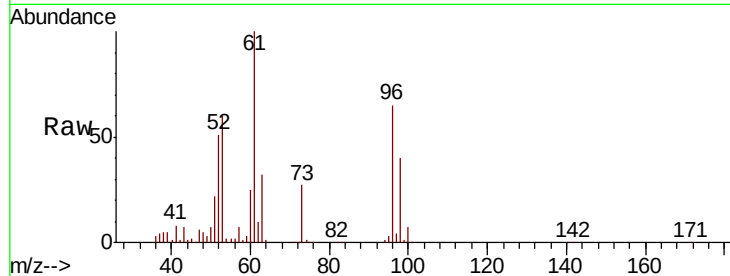
Tot Ion: 96 Resp: 83504

Ion Ratio Lower Upper

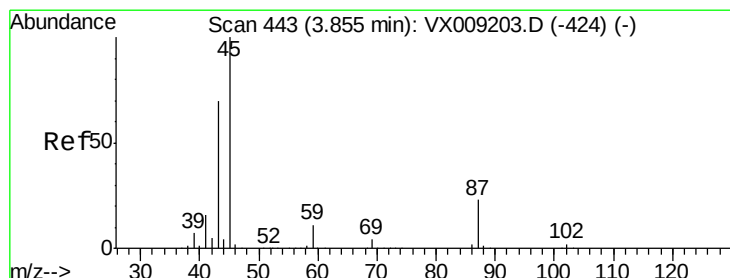
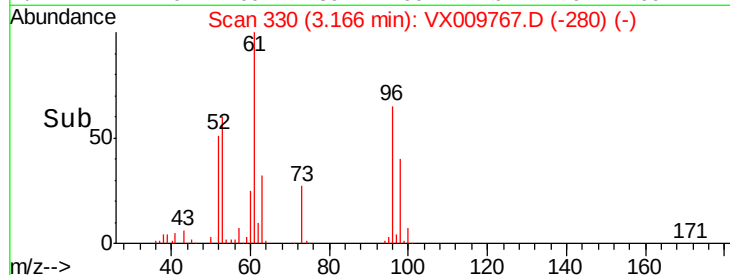
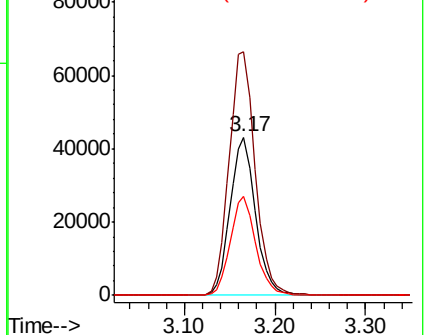
96 100

61 154.1 124.5 186.7

98 62.4 50.4 75.6



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



#22

Diisopropyl ether

Concen: 49.942 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX009767.D

Acq: 21 May 2019 22:48

Tgt Ion: 45 Resp: 357863

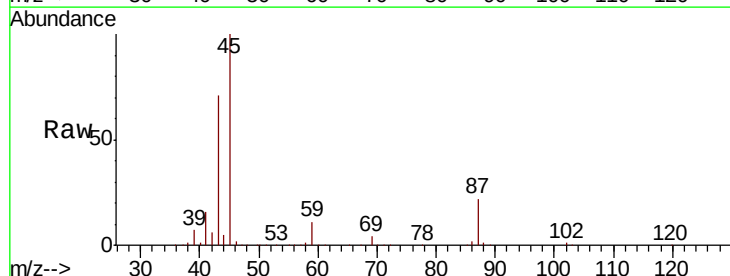
Ion Ratio Lower Upper

45 100

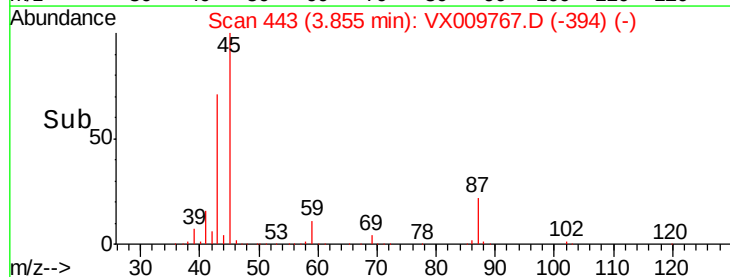
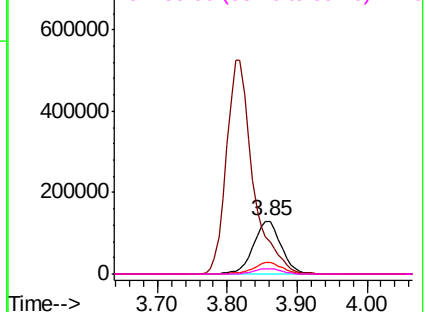
43 71.2 56.1 84.1

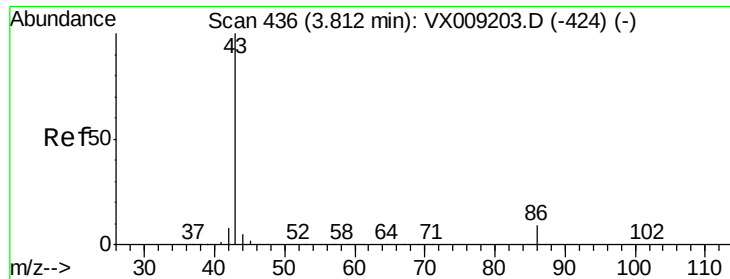
87 21.9 18.1 27.1

59 10.8 8.5 12.7



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 225.776 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.01 min

Lab File: VX009767.D

Acq: 21 May 2019 22:48

Instrument :

MSVOA_X

ClientSampleId :

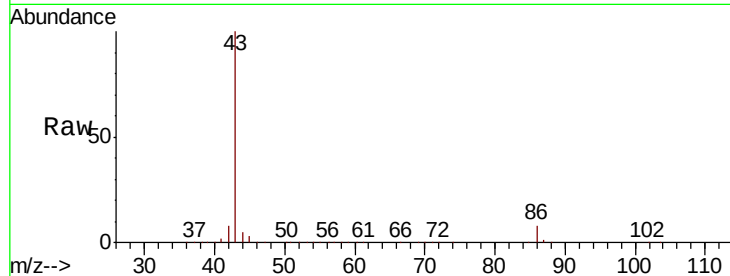
S73-0229MSD

Tot Ion: 43 Resp: 1385341

Ion Ratio Lower Upper

43 100

86 8.4 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VX009767.D (-387) (-)

Ion 86.00 (85.70 to 86.70): VX009767.D (-387) (-)

3.82

600000

500000

400000

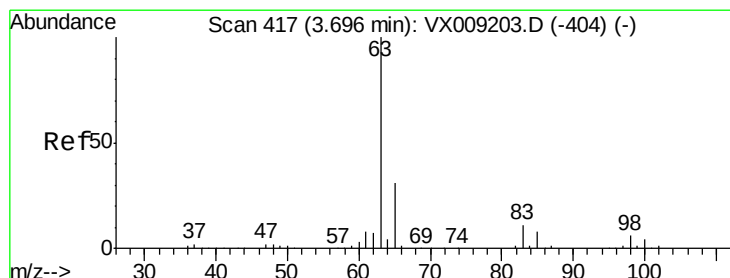
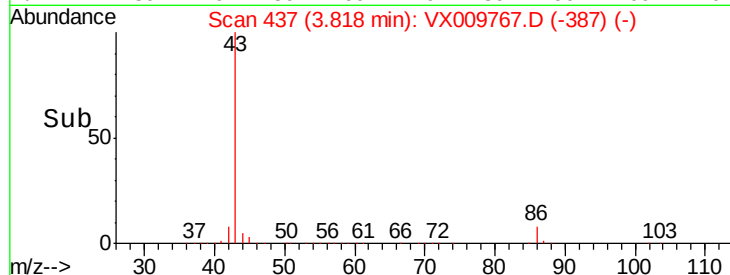
300000

200000

100000

0

Time--> 3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 48.704 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX009767.D

Acq: 21 May 2019 22:48

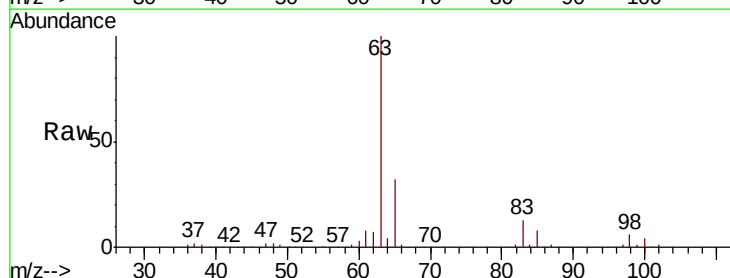
Tgt Ion: 63 Resp: 172160

Ion Ratio Lower Upper

63 100

98 5.9 3.0 9.2

100 3.8 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VX009767.D (-368) (-)

Ion 97.90 (97.60 to 98.60): VX009767.D (-368) (-)

Ion 99.90 (99.60 to 100.60): VX009767.D (-368) (-)

3.70

100000

80000

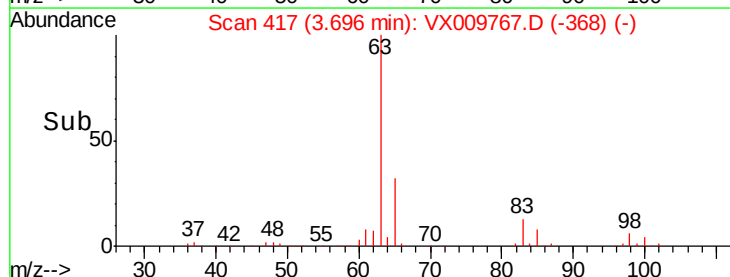
60000

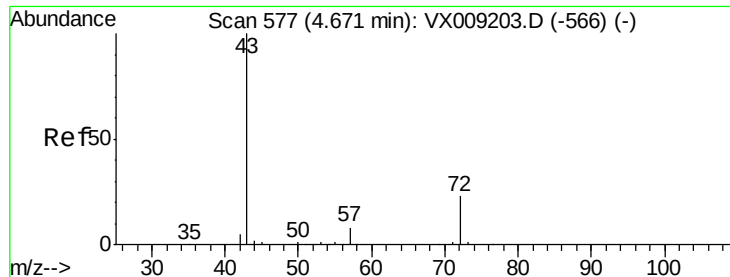
40000

20000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 255.274 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX009767.D

Acq: 21 May 2019 22:48

Instrument :

MSVOA_X

ClientSampleId :

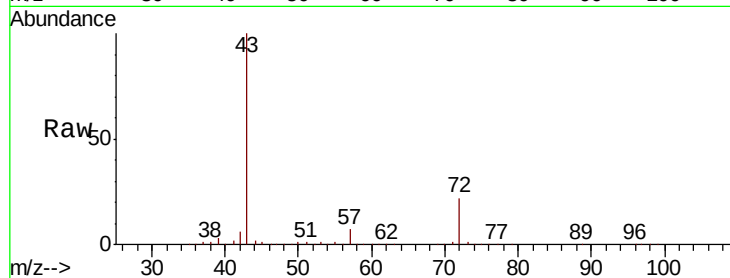
S73-0229MSD

Tot Ion: 43 Resp: 473818

Ion Ratio Lower Upper

43 100

72 22.1 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.67

150000

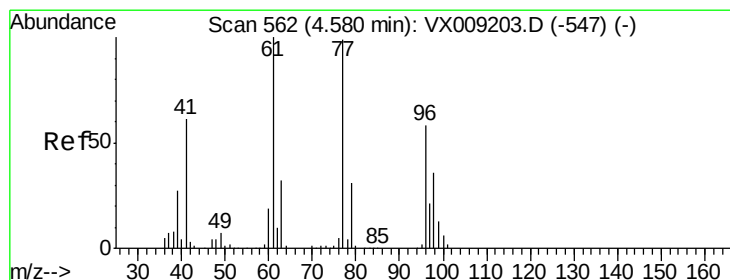
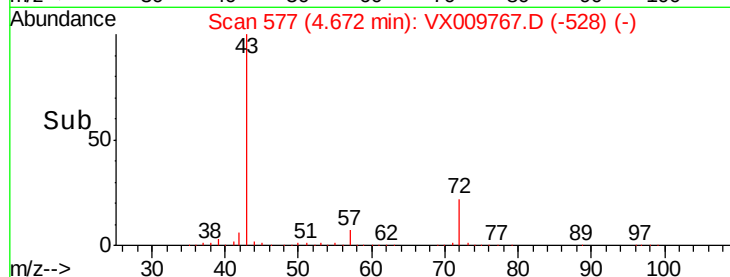
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 37.915 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX009767.D

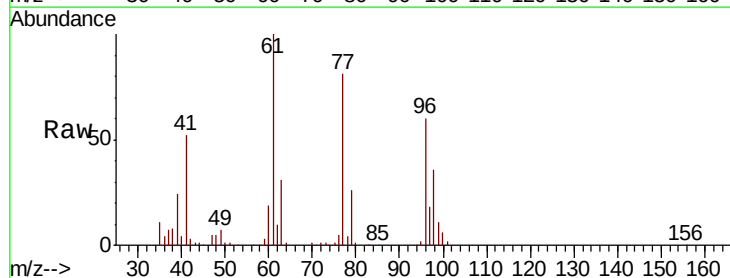
Acq: 21 May 2019 22:48

Tgt Ion: 77 Resp: 99758

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

4.58

30000

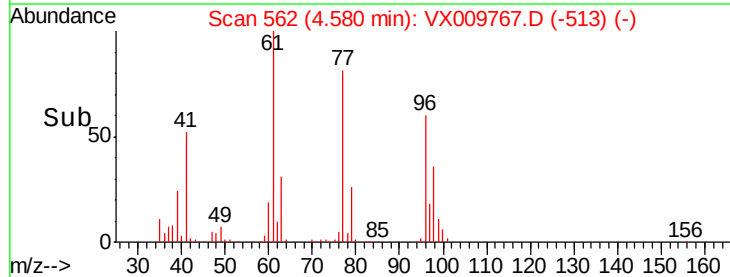
20000

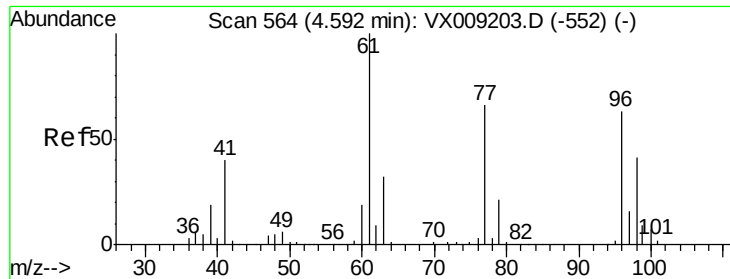
10000

0

4.50 4.60 4.70

Time-->



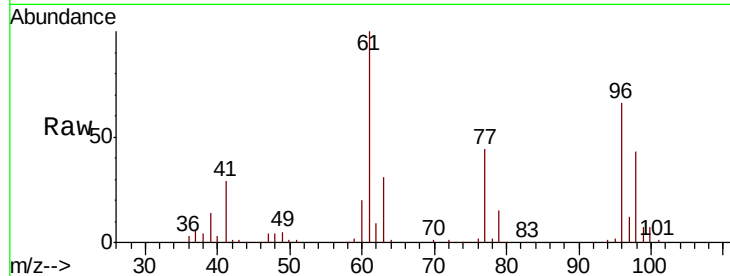


#27

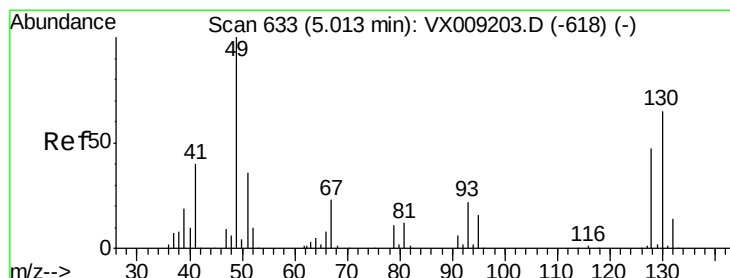
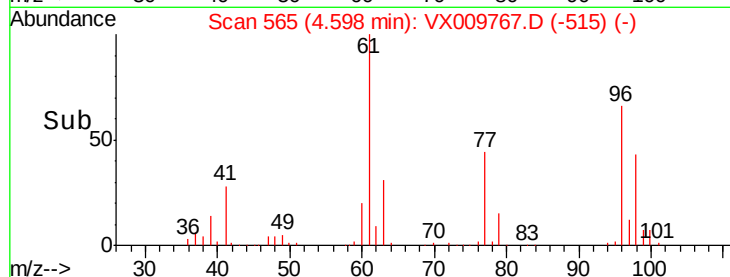
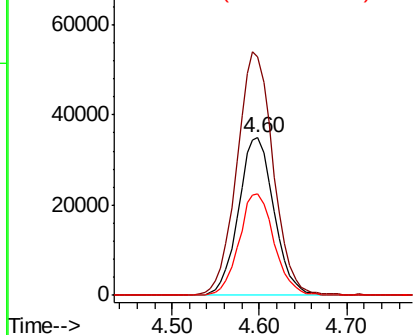
cis-1,2-Dichloroethene
Concen: 49.831 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX009767.D
Acq: 21 May 2019 22:48

Instrument :
MSVOA_X
ClientSampleId :
S73-0229MSD

Tot Ion: 96 Resp: 98624
Ion Ratio Lower Upper
96 100
61 157.8 0.0 324.0
98 63.7 0.0 130.4



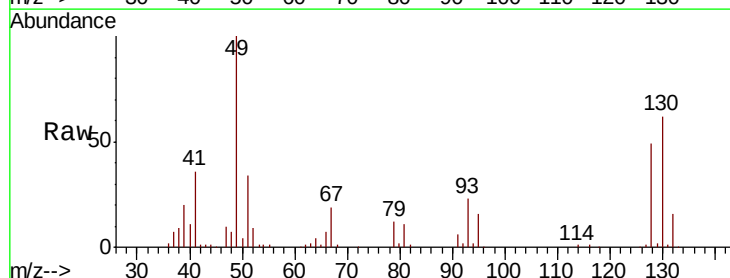
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



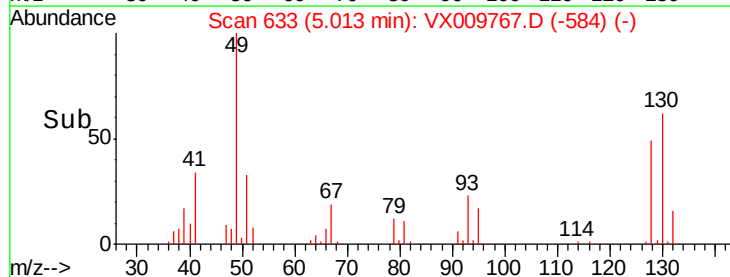
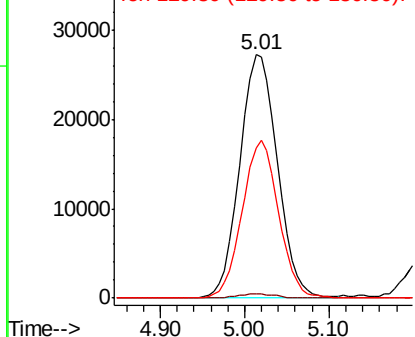
#28

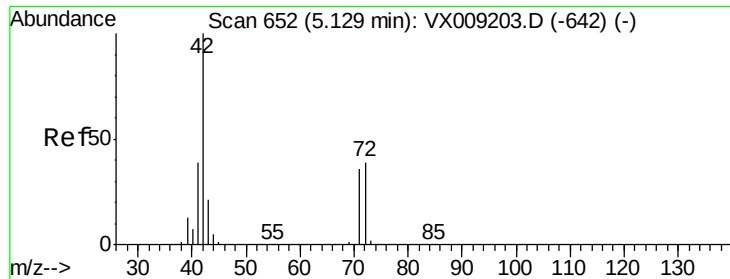
Bromochloromethane
Concen: 58.835 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX009767.D
Acq: 21 May 2019 22:48

Tgt Ion: 49 Resp: 83029
Ion Ratio Lower Upper
49 100
129 1.7 0.0 3.8
130 62.4 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: 264.272 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX009767.D

Acq: 21 May 2019 22:48

Instrument :

MSVOA_X

ClientSampled :

S73-0229MSD

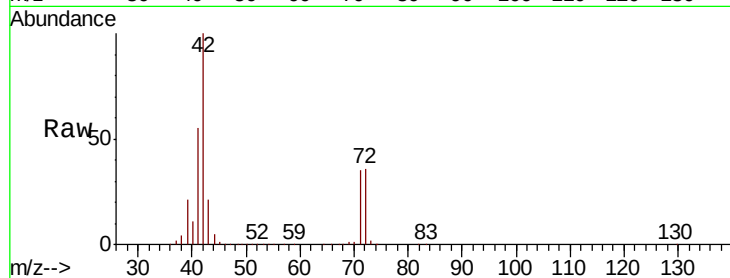
Tot Ion: 42 Resp: 315647

Ion Ratio Lower Upper

42 100

72 36.9 30.4 45.6

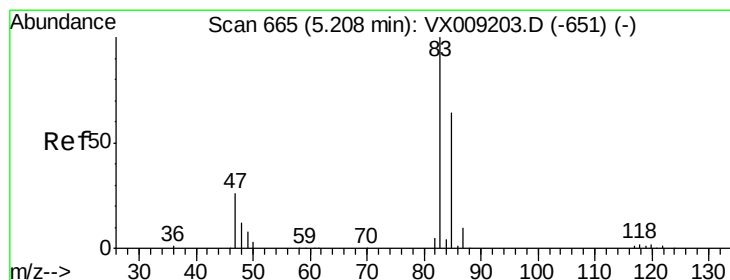
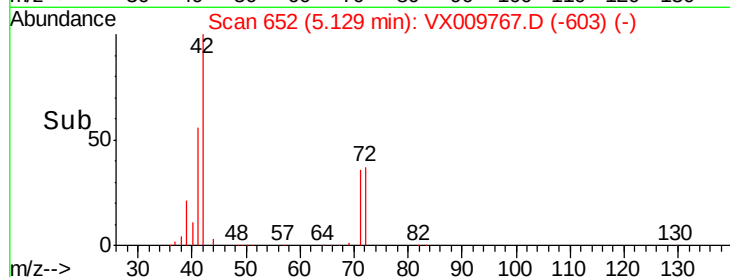
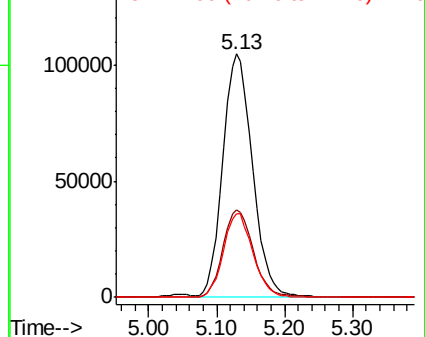
71 34.5 28.6 43.0



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: 49.370 ug/l

RT: 5.21 min Scan# 665

Delta R.T. 0.00 min

Lab File: VX009767.D

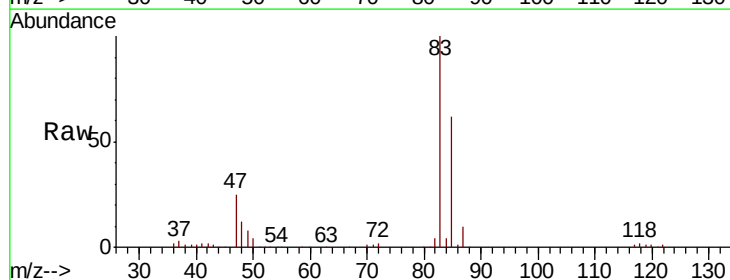
Acq: 21 May 2019 22:48

Tgt Ion: 83 Resp: 157839

Ion Ratio Lower Upper

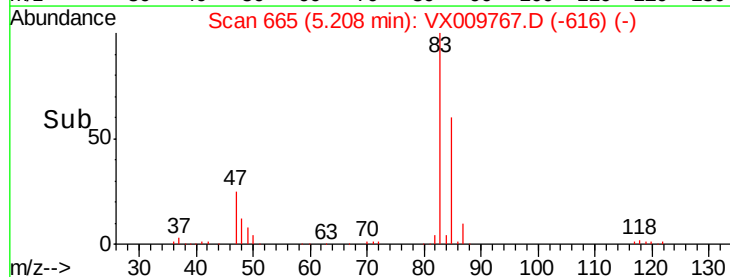
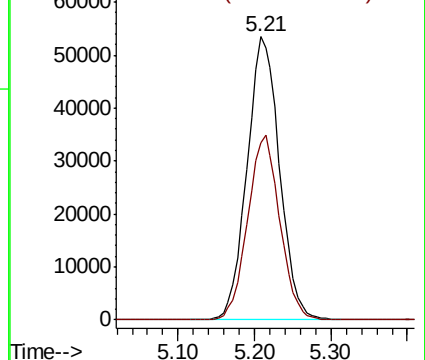
83 100

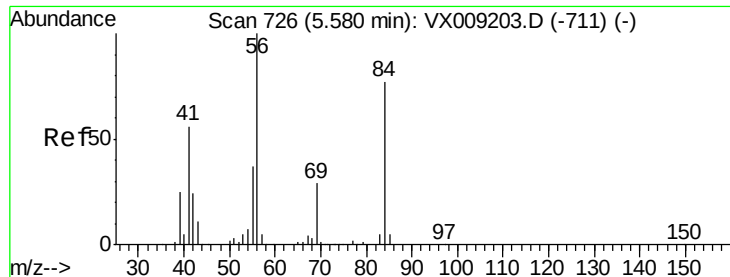
85 62.4 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

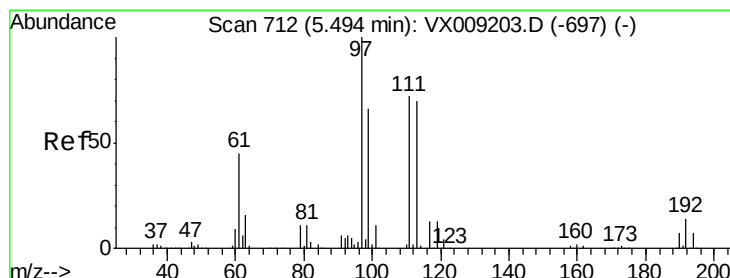
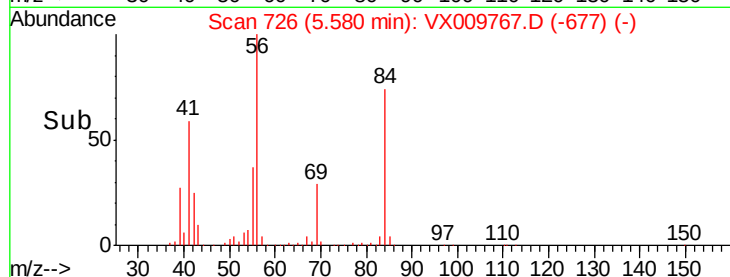
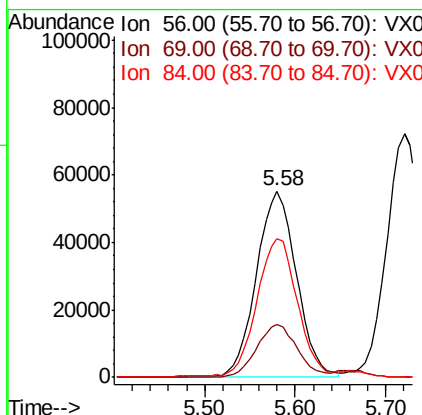
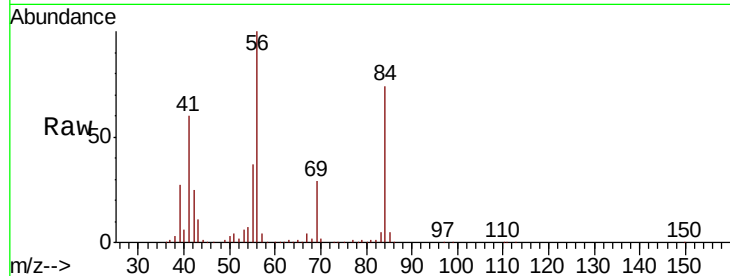




#31
Cyclohexane
Concen: 51.348 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX009767.D
Acq: 21 May 2019 22:48

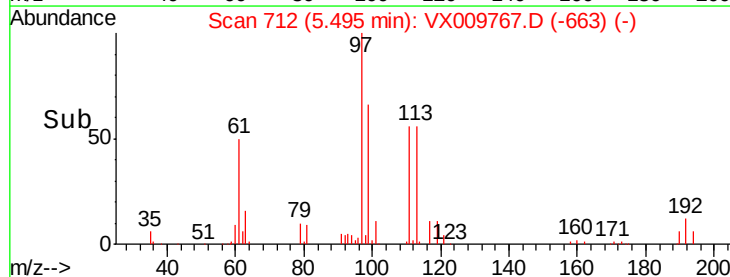
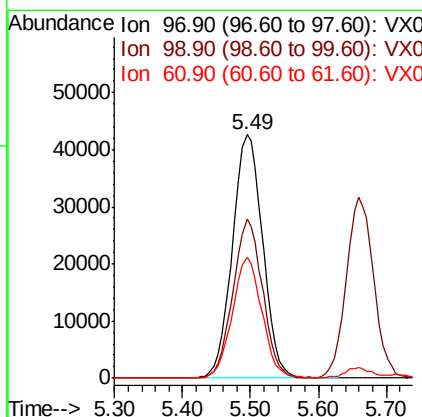
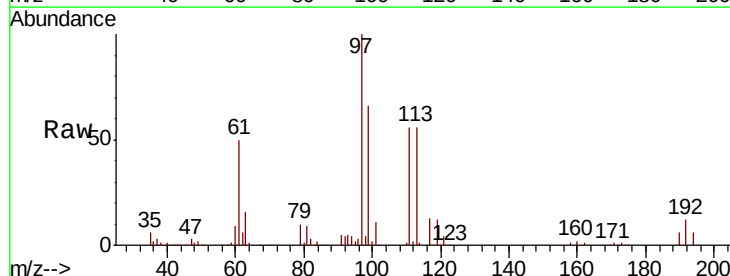
Instrument :
MSVOA_X
ClientSampleId :
S73-0229MSD

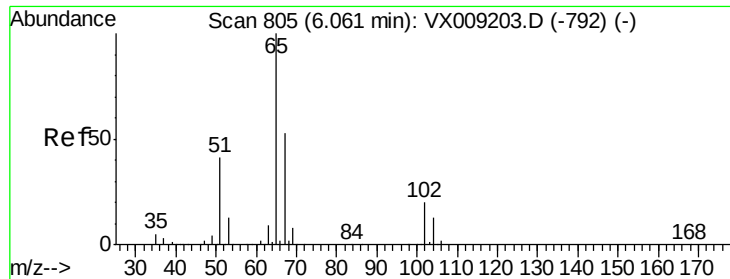
Tot Ion: 56 Resp: 168869
Ion Ratio Lower Upper
56 100
69 28.7 23.4 35.0
84 73.1 61.9 92.9



#32
1,1,1-Trichloroethane
Concen: 49.582 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX009767.D
Acq: 21 May 2019 22:48

Tgt Ion: 97 Resp: 131956
Ion Ratio Lower Upper
97 100
99 63.7 51.8 77.8
61 48.6 37.8 56.8

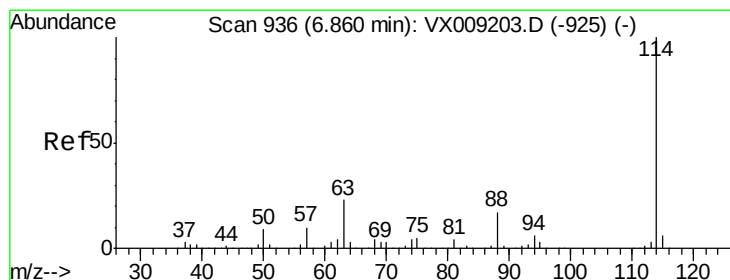
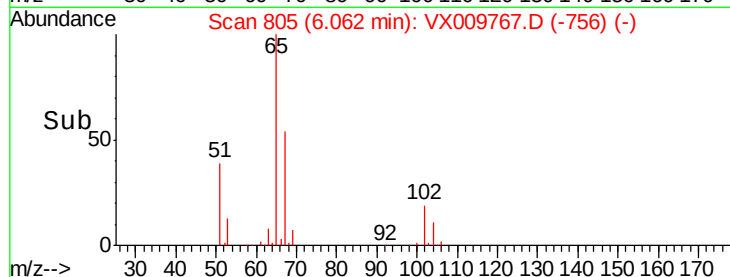
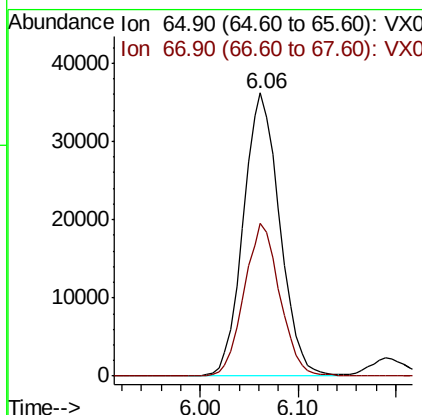
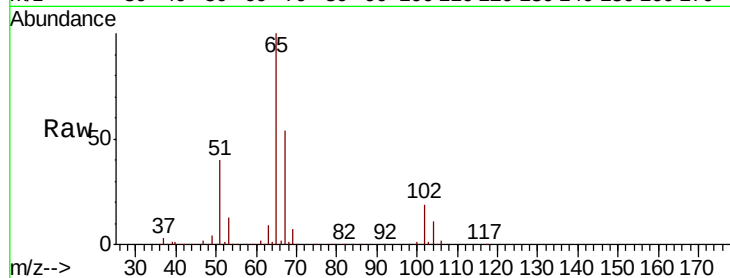




#33
 1,2-Dichloroethane-d4
 Concen: 42.040 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009767.D
 Acq: 21 May 2019 22:48

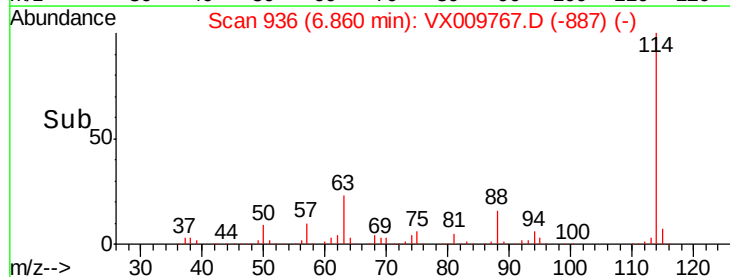
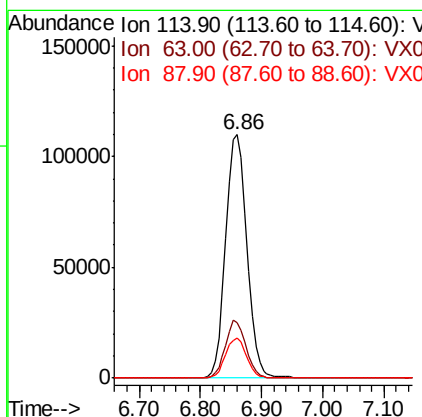
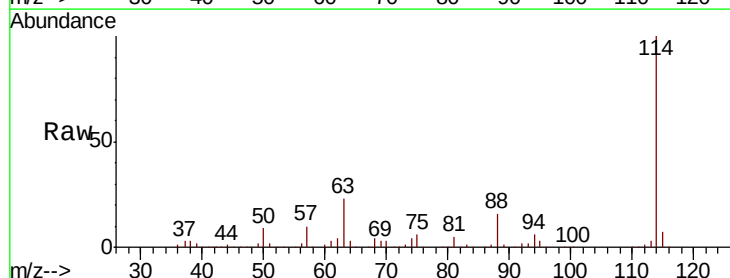
Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0229MSD

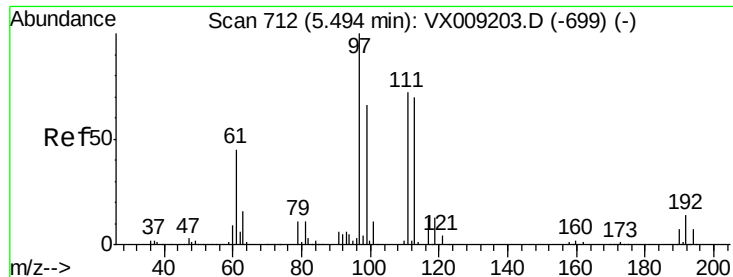
Tot Ion: 65 Resp: 93516
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009767.D
 Acq: 21 May 2019 22:48

Tgt Ion: 114 Resp: 262971
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 45.6
 88 16.5 0.0 33.2





#35

Dibromofluoromethane

Concen: 41.828 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009767.D

Acq: 21 May 2019 22:48

Instrument :

MSVOA_X

ClientSampleId :

S73-0229MSD

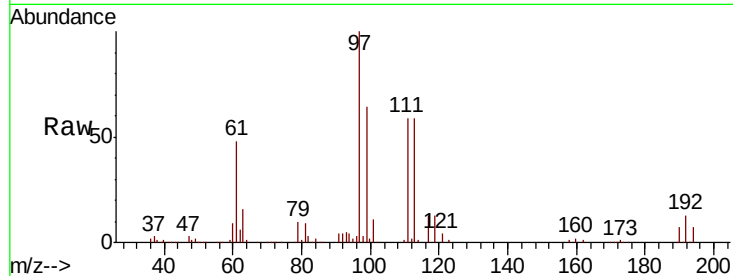
Tot Ion:113 Resp: 69148

Ion Ratio Lower Upper

113 100

111 101.7 82.8 124.2

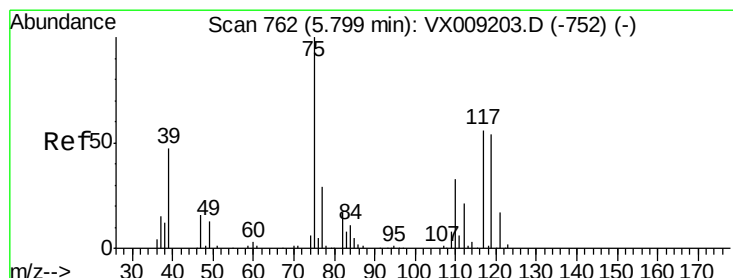
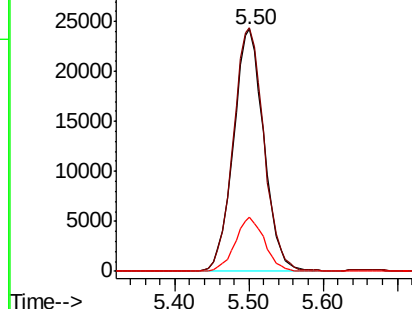
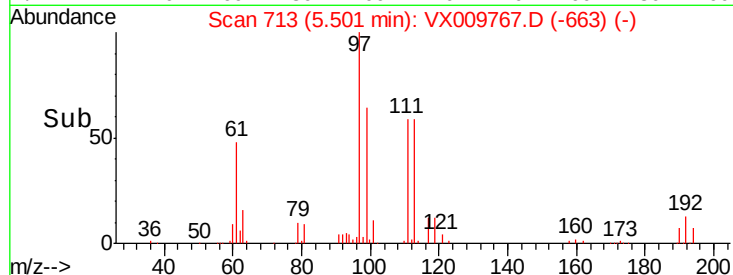
192 21.6 17.0 25.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 50.209 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX009767.D

Acq: 21 May 2019 22:48

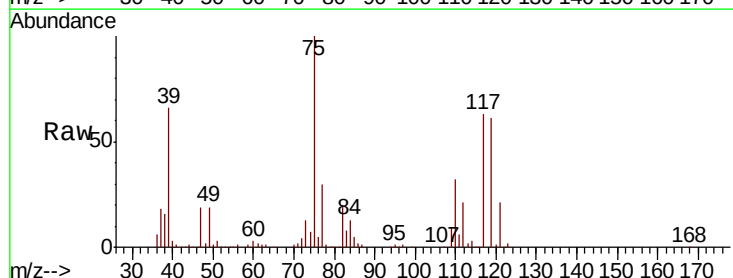
Tgt Ion: 75 Resp: 122703

Ion Ratio Lower Upper

75 100

110 32.9 16.9 50.6

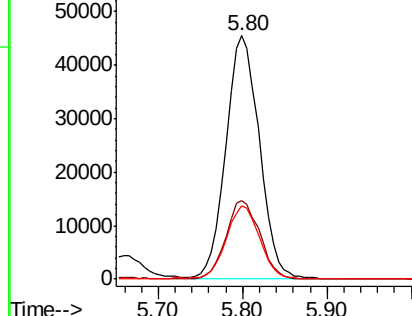
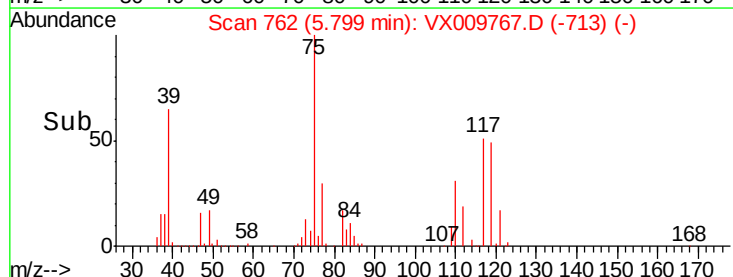
77 30.2 24.8 37.2

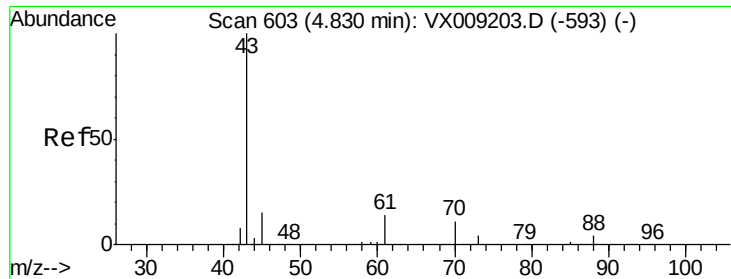


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

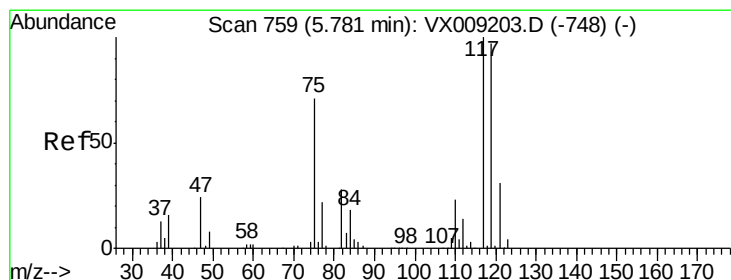
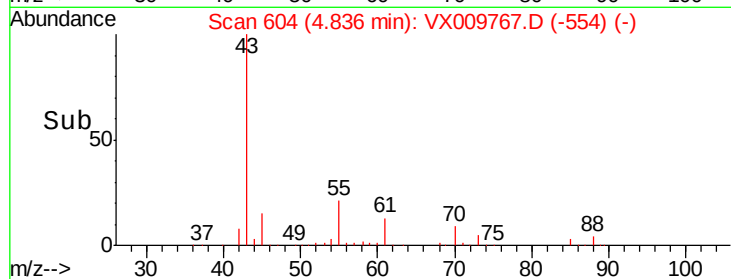
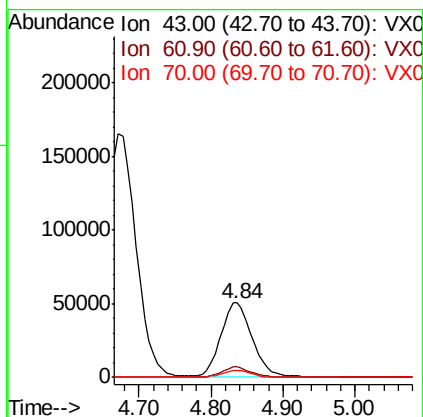
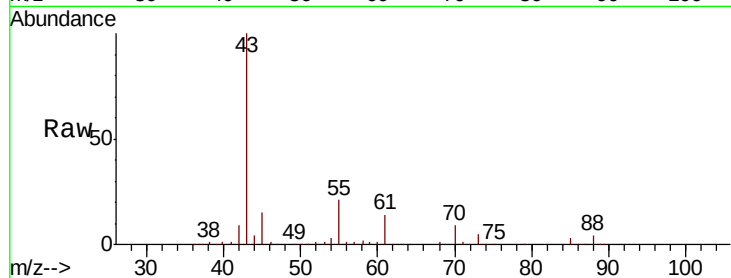




#37
Ethyl Acetate
Concen: 44.943 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX009767.D
Acq: 21 May 2019 22:48

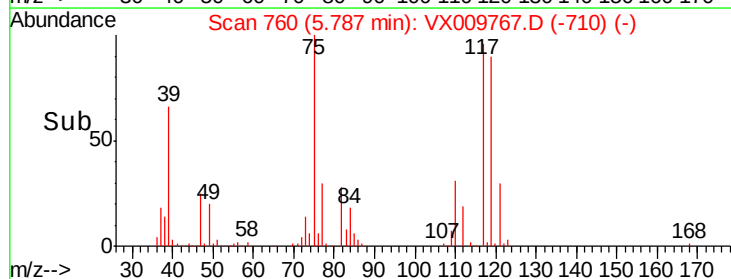
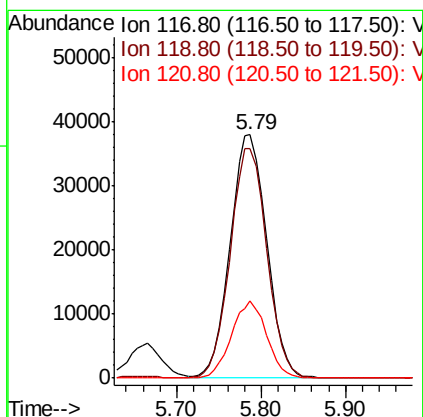
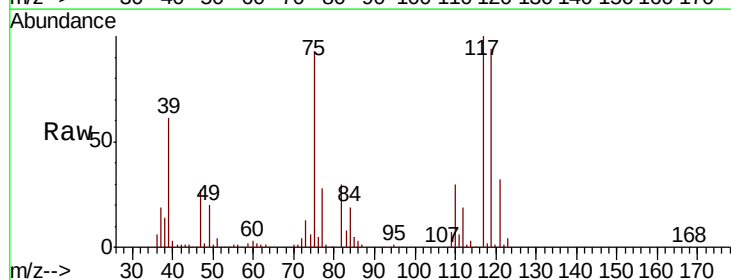
Instrument :
MSVOA_X
ClientSampleId :
S73-0229MSD

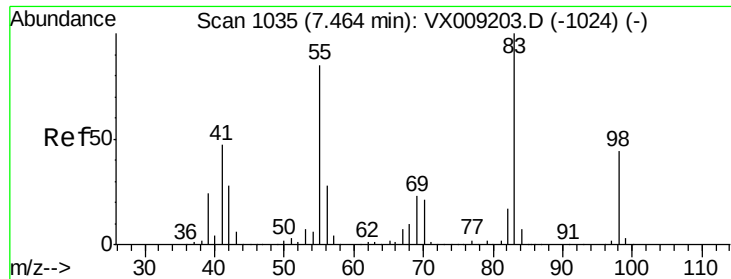
Tot Ion: 43 Resp: 153031
Ion Ratio Lower Upper
43 100
61 13.3 10.5 15.7
70 9.3 7.9 11.9



#38
Carbon Tetrachloride
Concen: 50.321 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX009767.D
Acq: 21 May 2019 22:48

Tgt Ion: 117 Resp: 111732
Ion Ratio Lower Upper
117 100
119 94.3 77.5 116.3
121 31.7 24.7 37.1

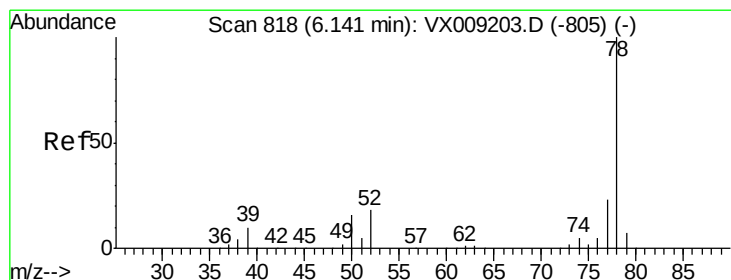
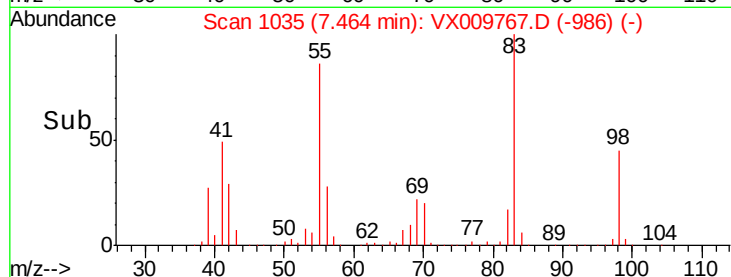
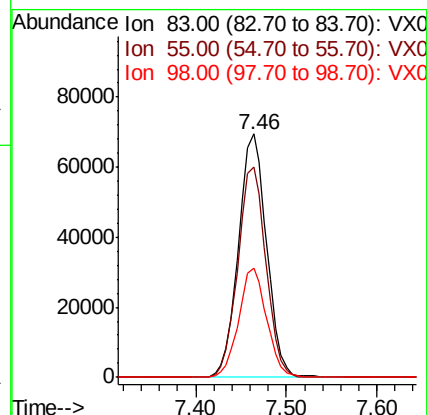
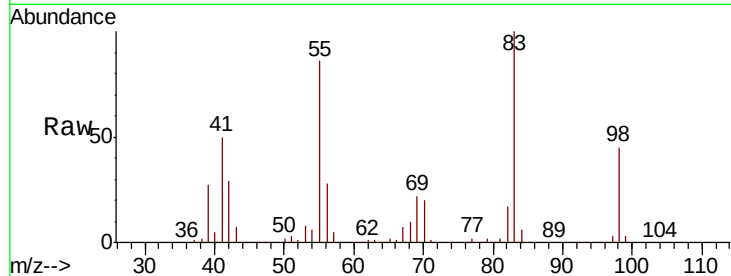




#39
Methylvlcyclohexane
Concen: 49.752 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX009767.D
Acq: 21 May 2019 22:48

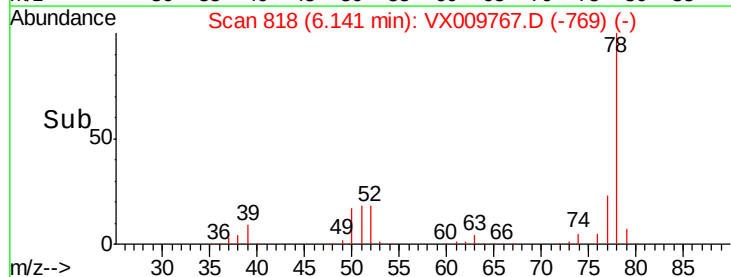
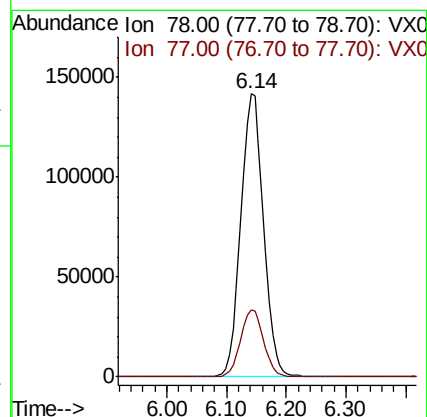
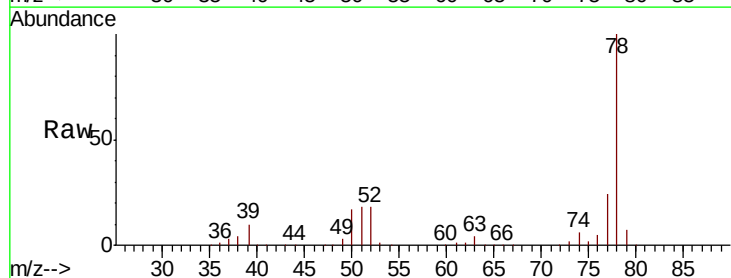
Instrument :
MSVOA_X
ClientSampleId :
S73-0229MSD

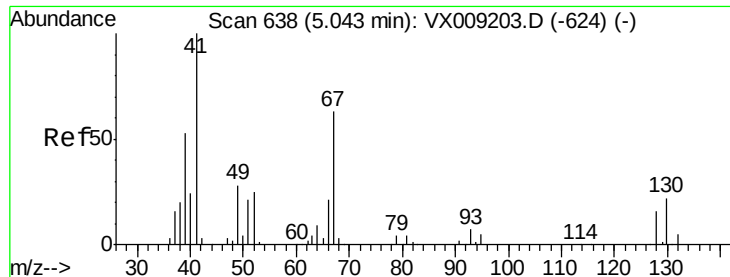
Tot Ion: 83 Resp: 149319
Ion Ratio Lower Upper
83 100
55 86.4 67.7 101.5
98 44.7 35.5 53.3



#40
Benzene
Concen: 49.757 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX009767.D
Acq: 21 May 2019 22:48

Tgt Ion: 78 Resp: 376325
Ion Ratio Lower Upper
78 100
77 23.7 18.8 28.2

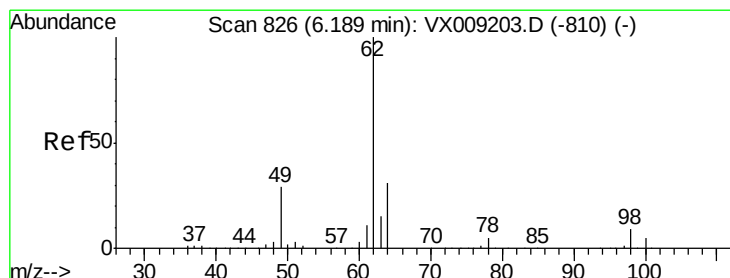
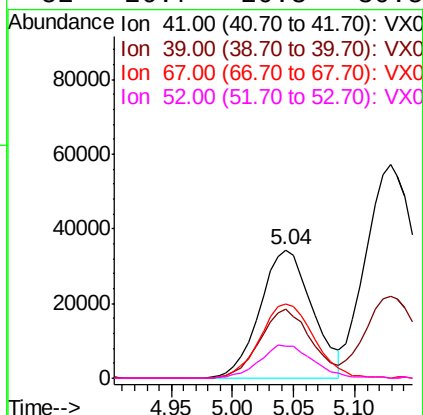
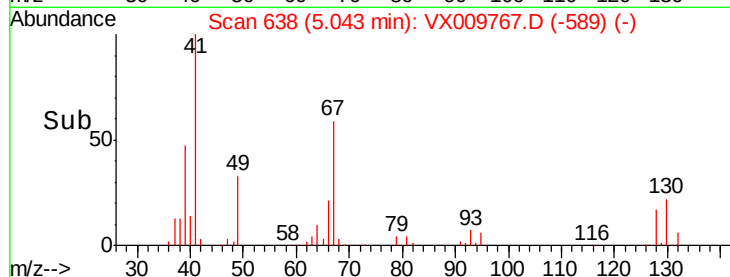
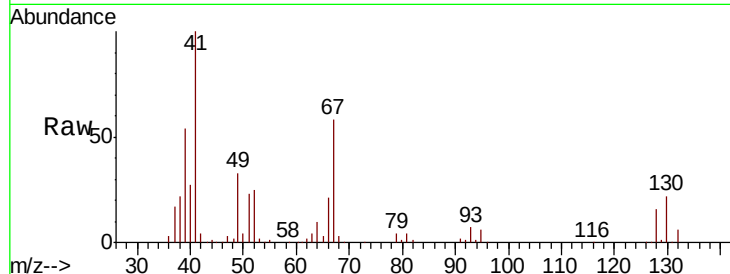




#41
Methacrylonitrile
Concen: 50.382 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX009767.D
Acq: 21 May 2019 22:48

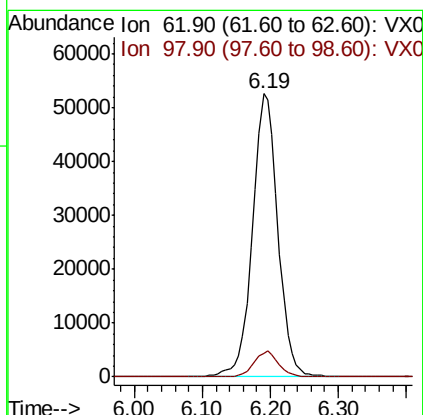
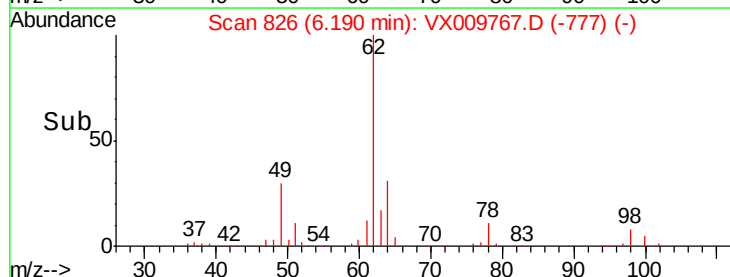
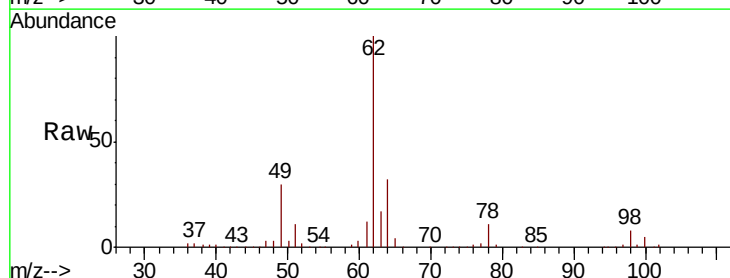
Instrument :
MSVOA_X
ClientSampleId :
S73-0229MSD

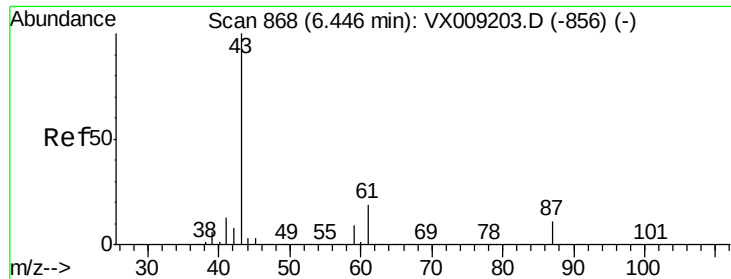
Tot Ion:	41	Resp:	102119
Ion	Ratio	Lower	Upper
41	100		
39	53.0	42.0	63.0
67	60.0	49.8	74.8
52	26.7	20.3	30.5



#42
1,2-Dichloroethane
Concen: 50.622 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX009767.D
Acq: 21 May 2019 22:48

Tgt Ion:	62	Resp:	137341
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	18.2





#43

Isopropyl Acetate

Concen: 47.668 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX009767.D

Acq: 21 May 2019 22:48

Instrument :

MSVOA_X

ClientSampleId :

S73-0229MSD

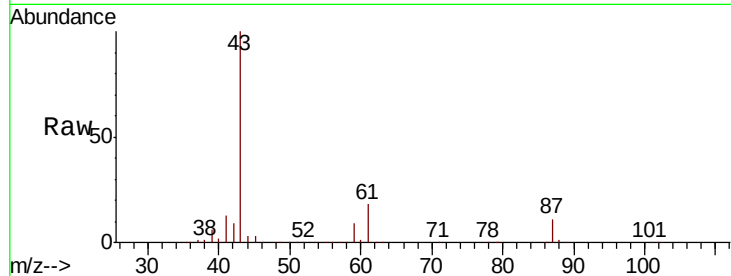
Tot Ion: 43 Resp: 259621

Ion Ratio Lower Upper

43 100

61 18.2 15.1 22.7

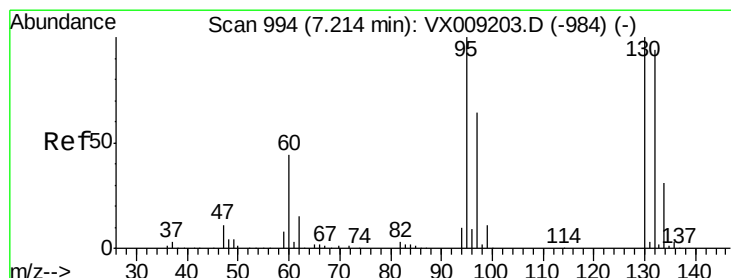
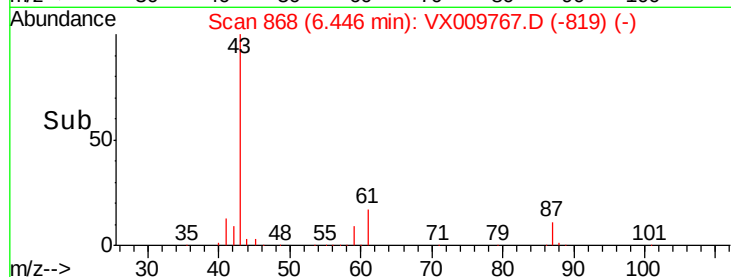
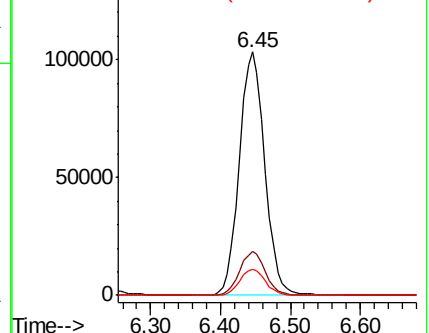
87 10.8 9.0 13.6



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: 47.710 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX009767.D

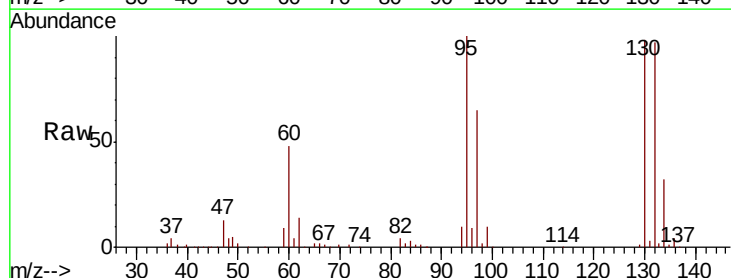
Acq: 21 May 2019 22:48

Tgt Ion:130 Resp: 87234

Ion Ratio Lower Upper

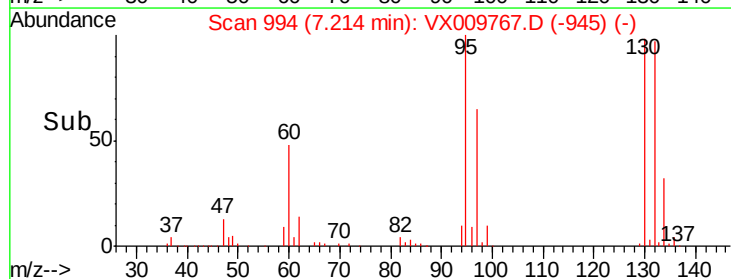
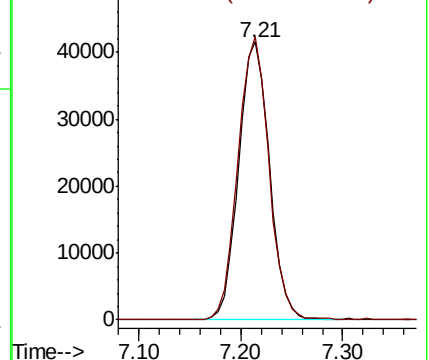
130 100

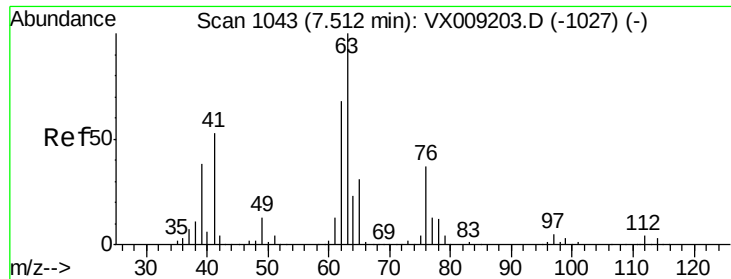
95 101.9 0.0 199.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

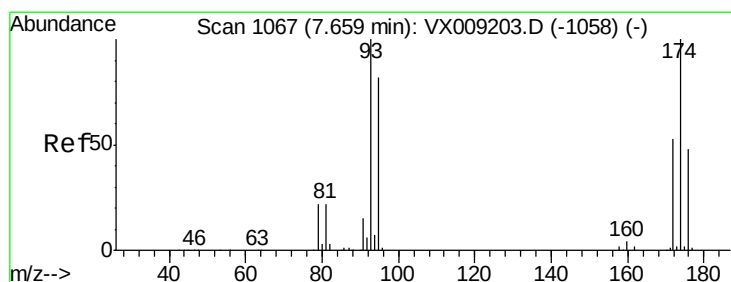
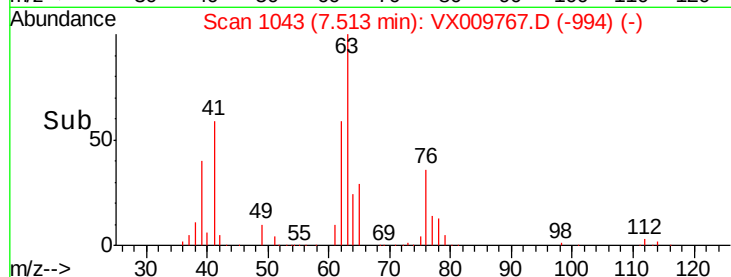
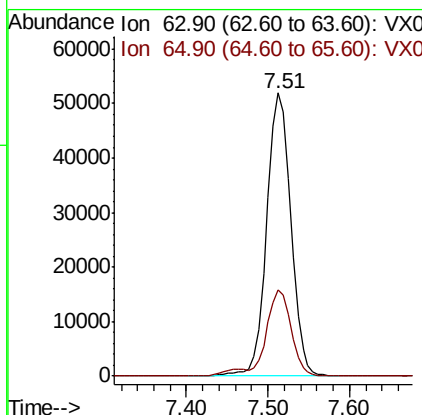
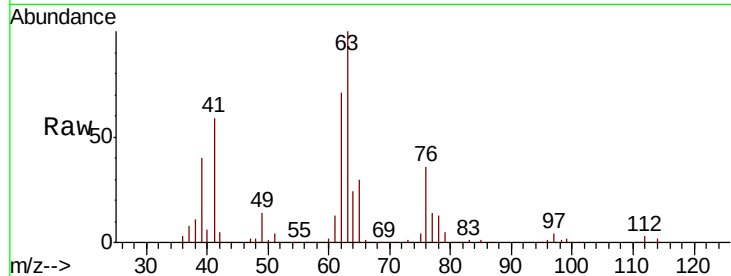




#45
 1,2-Dichloropropane
 Concen: 49.846 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX009767.D
 Acq: 21 May 2019 22:48

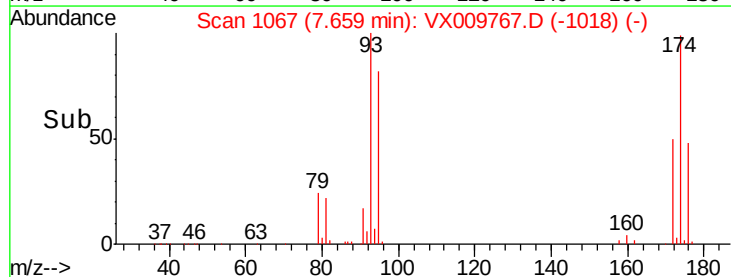
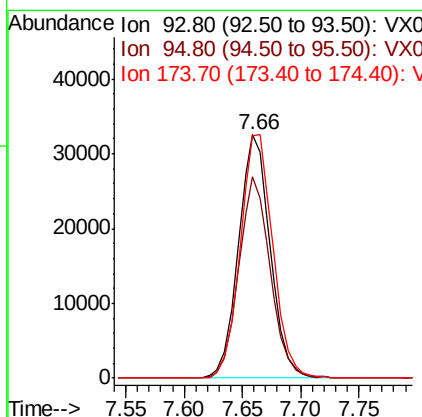
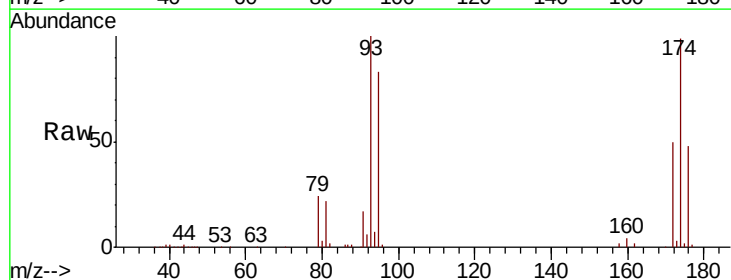
Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0229MSD

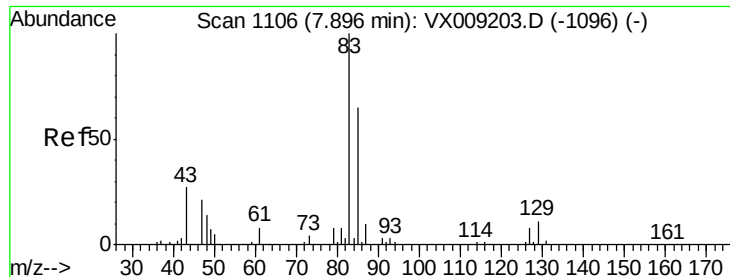
Tot Ion: 63 Resp: 106749
 Ion Ratio Lower Upper
 63 100
 65 30.4 25.0 37.6



#46
 Dibromomethane
 Concen: 49.640 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX009767.D
 Acq: 21 May 2019 22:48

Tgt Ion: 93 Resp: 61734
 Ion Ratio Lower Upper
 93 100
 95 82.1 66.5 99.7
 174 103.0 82.1 123.1





#47

Bromodichloromethane

Concen: 50.101 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX009767.D

Acq: 21 May 2019 22:48

Instrument :

MSVOA_X

ClientSampleId :

S73-0229MSD

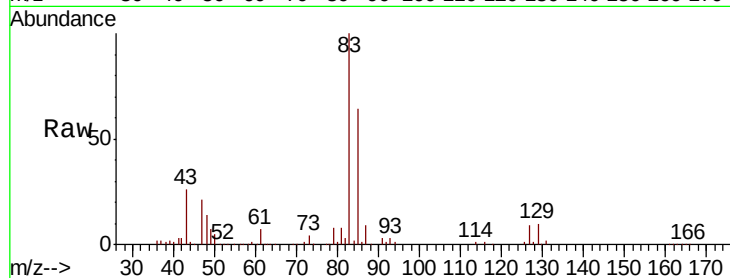
Tot Ion: 83 Resp: 124287

Ion Ratio Lower Upper

83 100

85 64.0 52.4 78.6

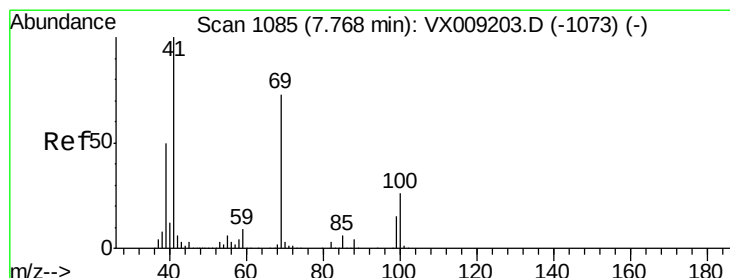
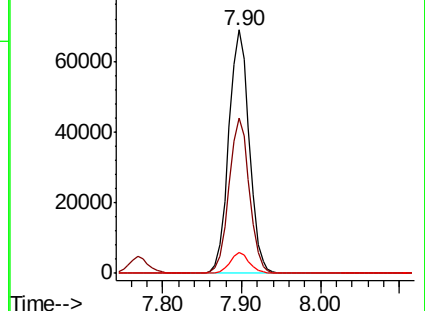
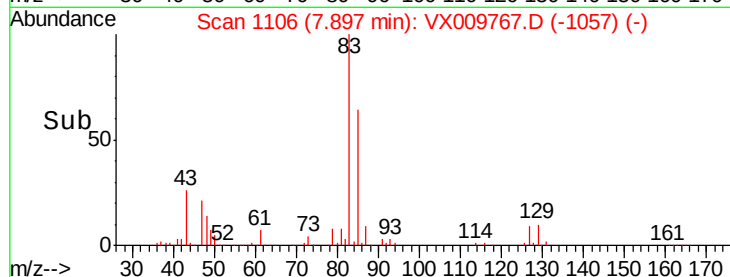
127 8.6 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 53.064 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX009767.D

Acq: 21 May 2019 22:48

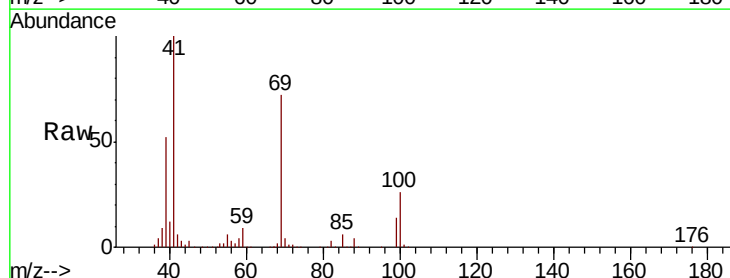
Tgt Ion: 41 Resp: 143386

Ion Ratio Lower Upper

41 100

69 71.8 59.1 88.7

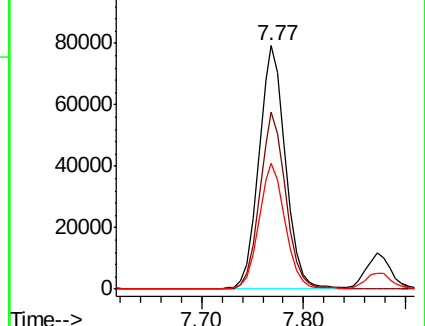
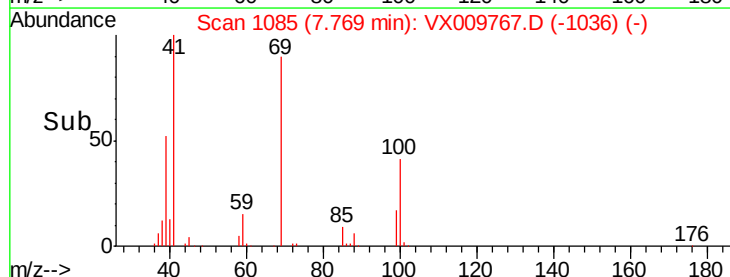
39 51.2 40.4 60.6

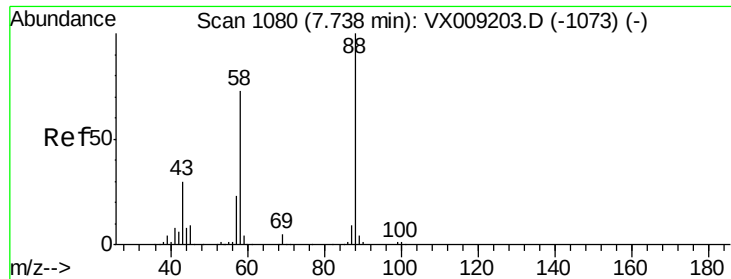


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

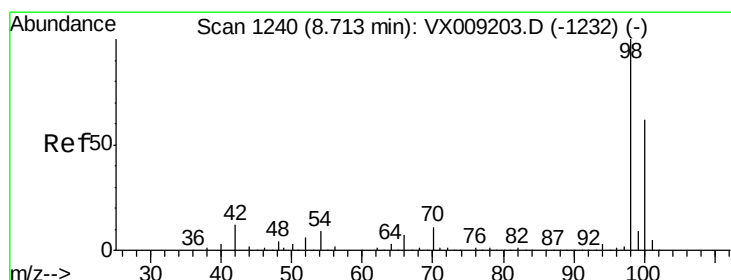
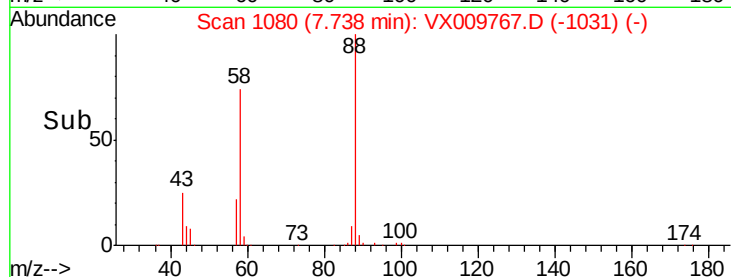
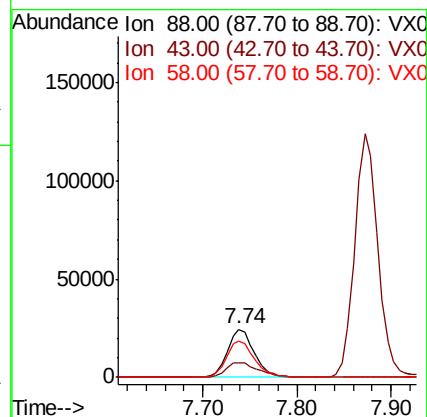
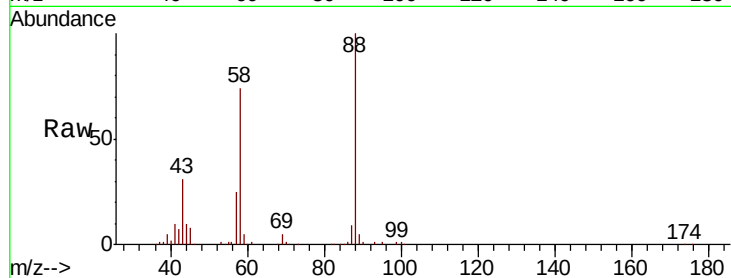




#49
1,4-Dioxane
Concen: 882.234 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX009767.D
Acq: 21 May 2019 22:48

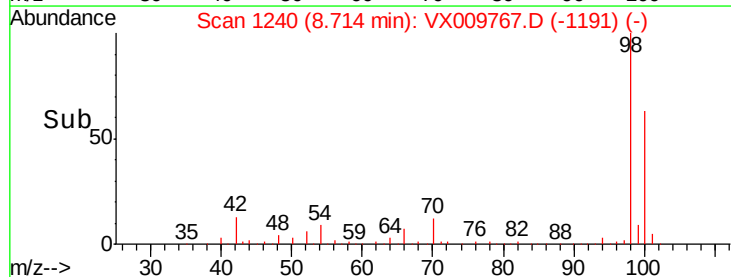
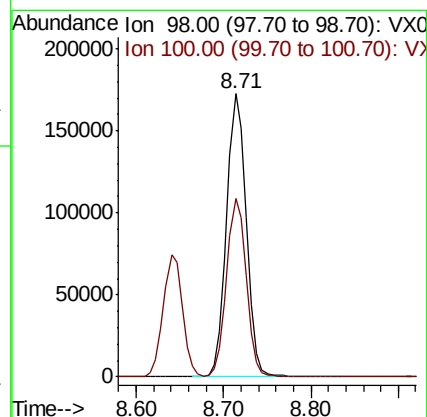
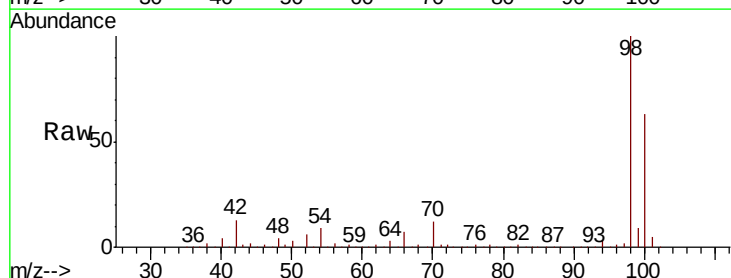
Instrument :
MSVOA_X
ClientSampleId :
S73-0229MSD

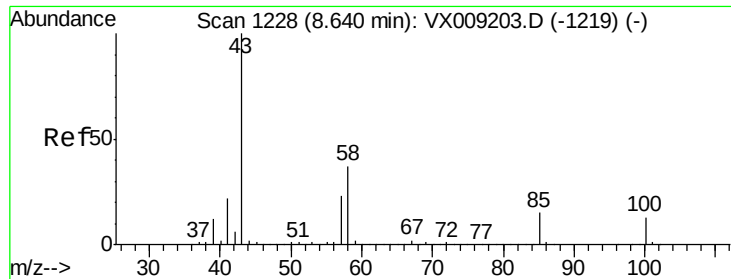
Tot Ion: 88 Resp: 48345
Ion Ratio Lower Upper
88 100
43 39.1 28.6 42.8
58 79.0 61.7 92.5



#50
Toluene-d8
Concen: 40.227 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009767.D
Acq: 21 May 2019 22:48

Tgt Ion: 98 Resp: 268481
Ion Ratio Lower Upper
98 100
100 63.5 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 267.219 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX009767.D

Acq: 21 May 2019 22:48

Instrument :

MSVOA_X

ClientSampleId :

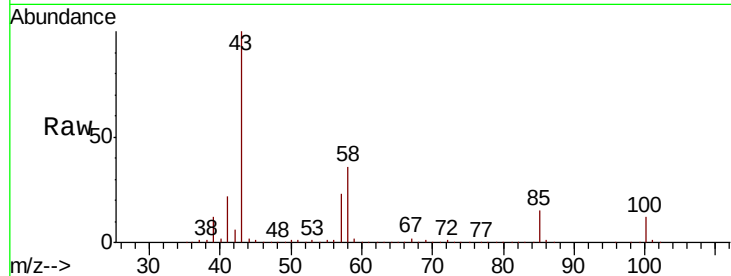
S73-0229MSD

Tot Ion: 43 Resp: 951273

Ion Ratio Lower Upper

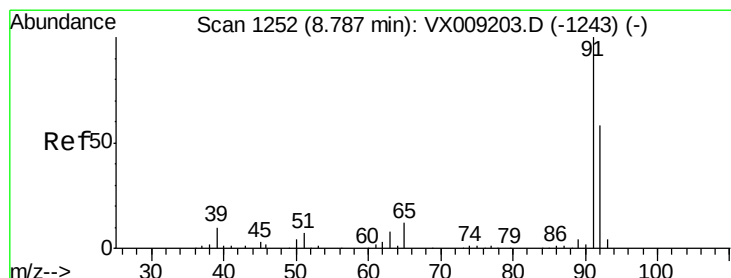
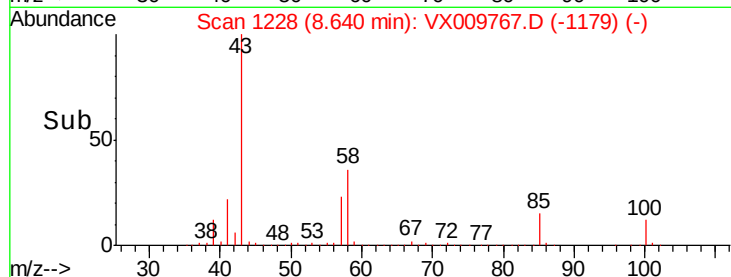
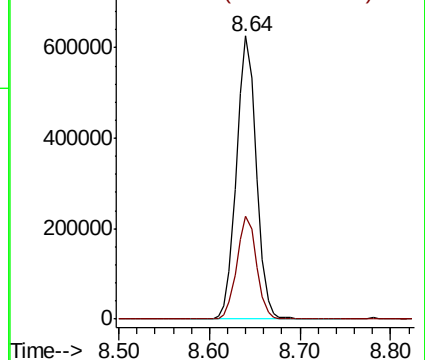
43 100

58 36.1 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 49.803 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX009767.D

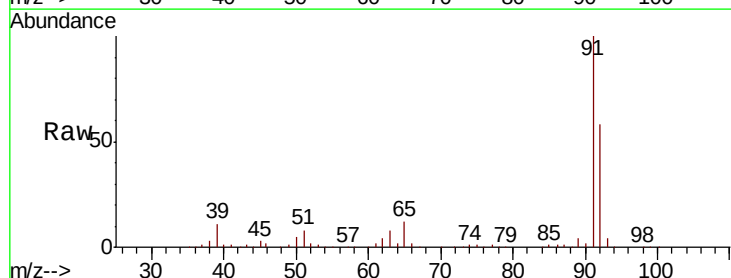
Acq: 21 May 2019 22:48

Tgt Ion: 92 Resp: 228966

Ion Ratio Lower Upper

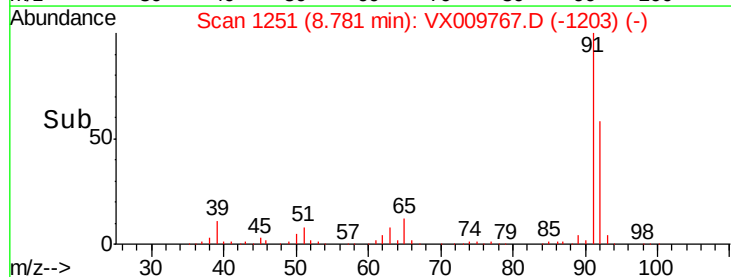
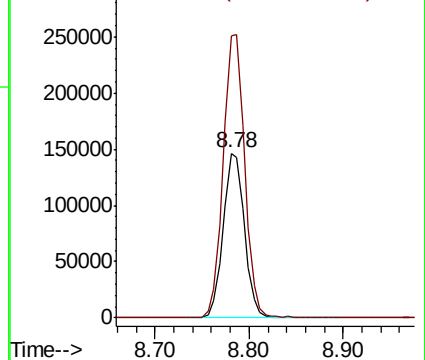
92 100

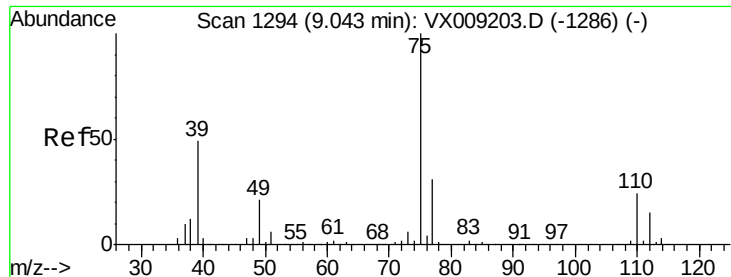
91 174.2 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

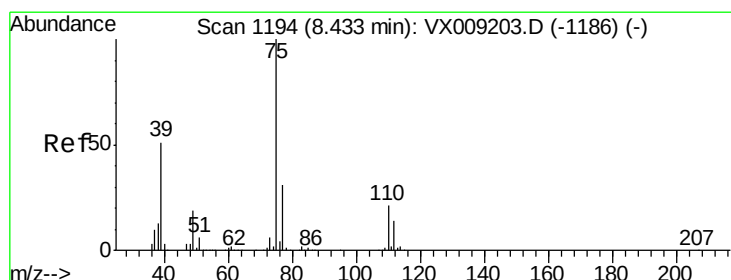
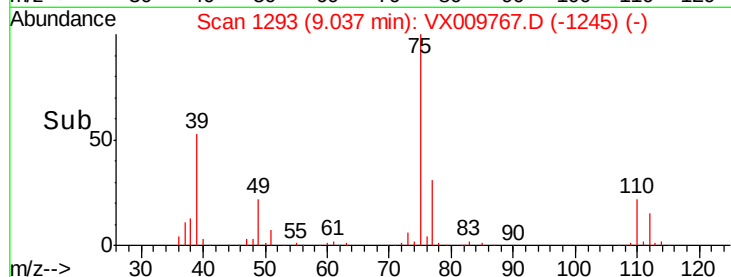
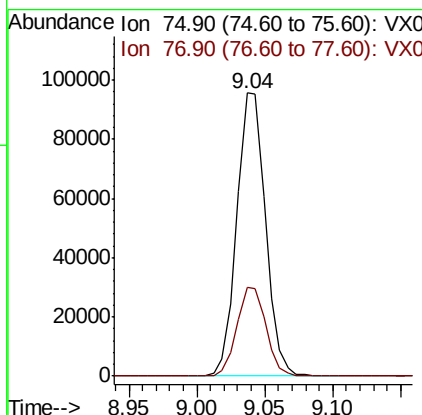
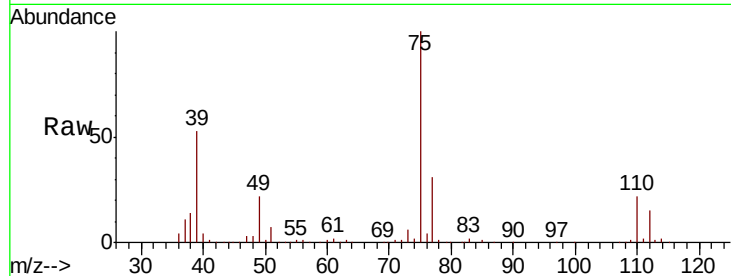




#53
t-1,3-Dichloropropene
Concen: 50.240 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.01 min
Lab File: VX009767.D
Acq: 21 May 2019 22:48

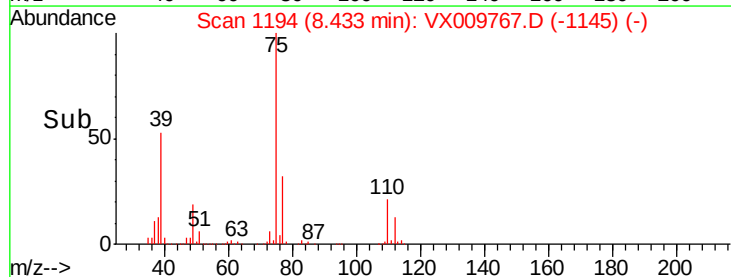
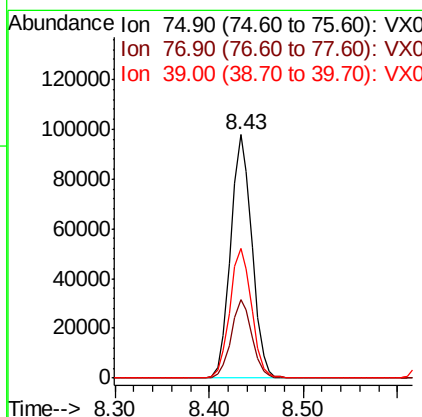
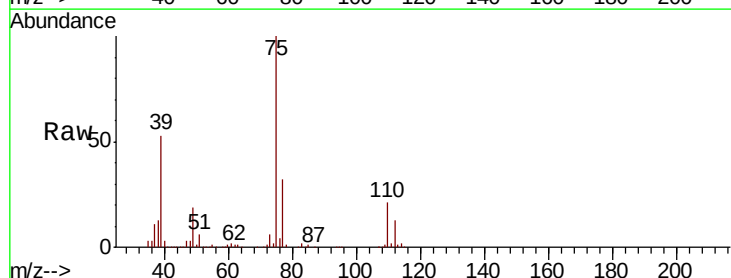
Instrument :
MSVOA_X
ClientSampled :
S73-0229MSD

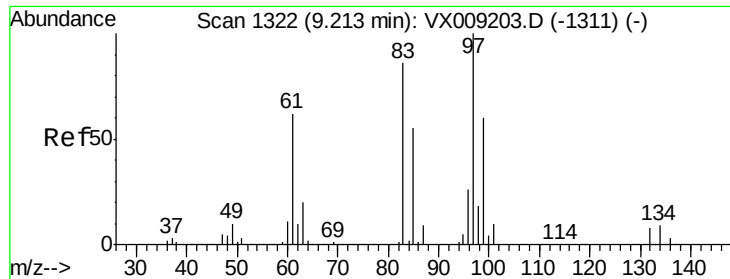
Tot Ion: 75 Resp: 140712
Ion Ratio Lower Upper
75 100
77 31.4 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 49.463 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX009767.D
Acq: 21 May 2019 22:48

Tgt Ion: 75 Resp: 153337
Ion Ratio Lower Upper
75 100
77 32.3 24.6 36.8
39 53.0 40.6 60.8

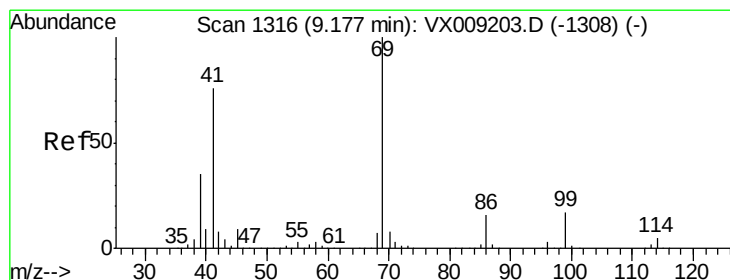
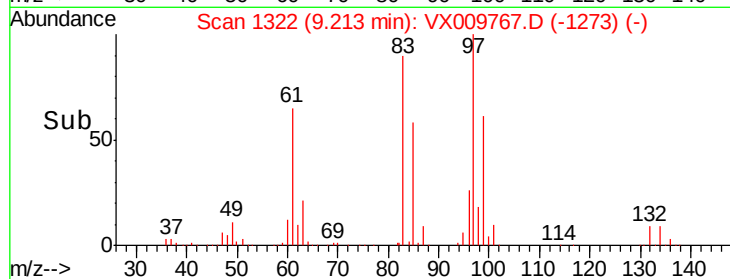
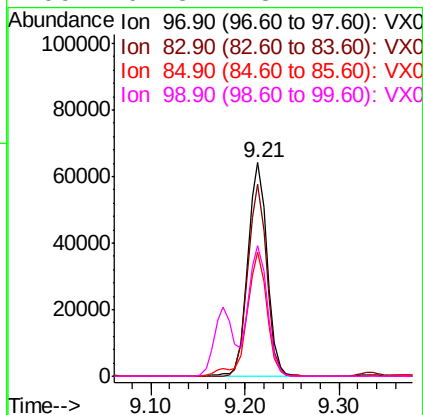
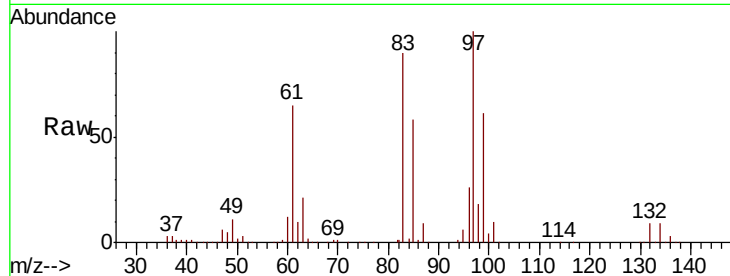




#55
 1,1,2-Trichloroethane
 Concen: 49.171 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX009767.D
 Acq: 21 May 2019 22:48

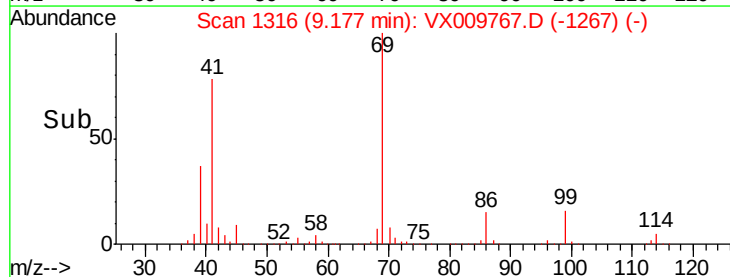
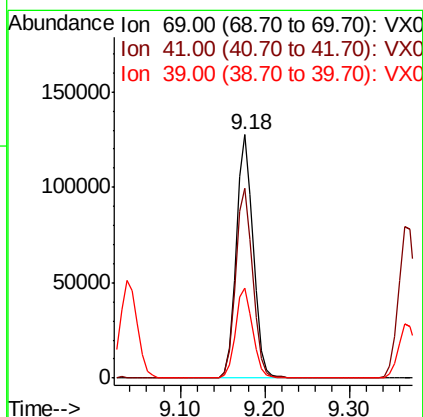
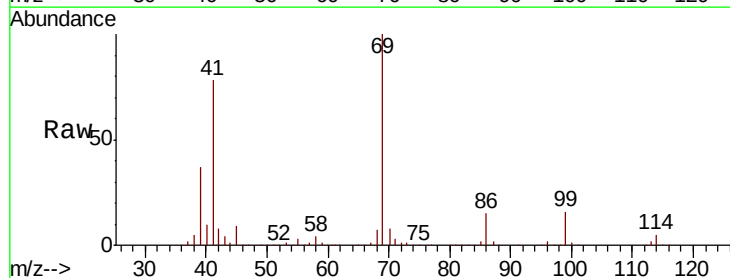
Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0229MSD

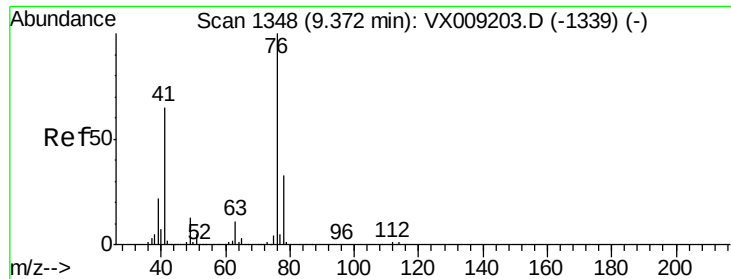
Tot Ion:	97	Resp:	92227
Ion	Ratio	Lower	Upper
97	100		
83	89.6	68.9	103.3
85	58.3	43.8	65.6
99	61.3	48.2	72.2



#56
 Ethyl methacrylate
 Concen: 51.389 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX009767.D
 Acq: 21 May 2019 22:48

Tgt Ion:	69	Resp:	172057
Ion	Ratio	Lower	Upper
69	100		
41	78.8	60.6	90.8
39	37.4	28.2	42.4

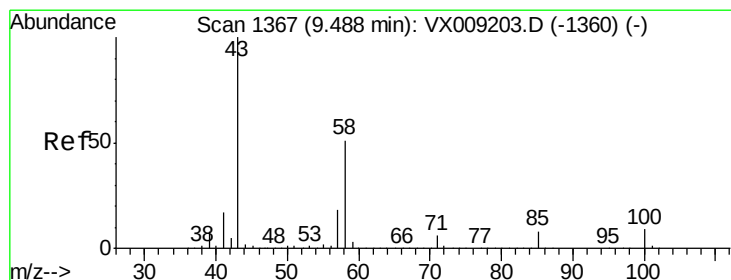
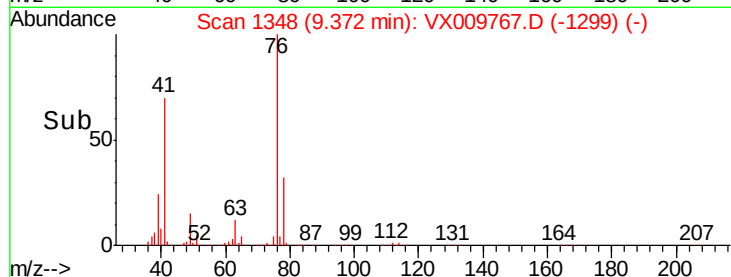
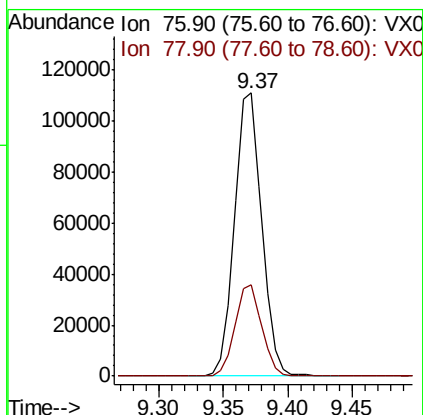
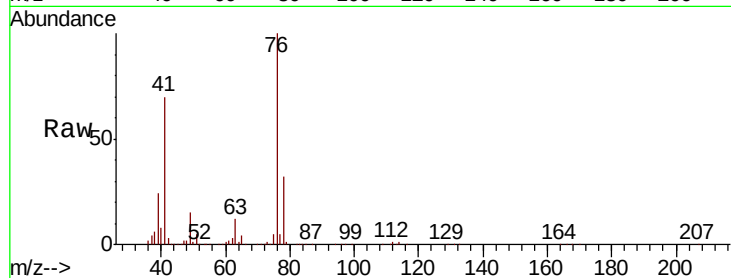




#57
 1,3-Dichloropropane
 Concen: 49.540 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX009767.D
 Acq: 21 May 2019 22:48

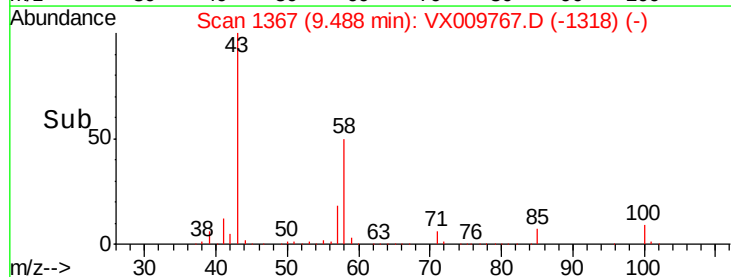
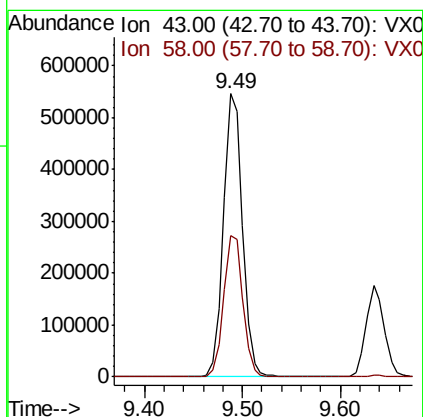
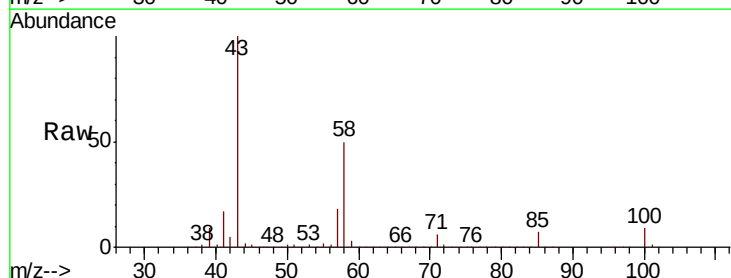
Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0229MSD

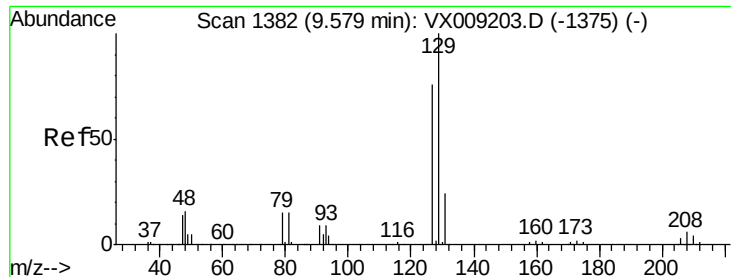
Tot Ion: 76 Resp: 163515
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.5 38.3



#59
 2-Hexanone
 Concen: 263.486 ug/l
 RT: 9.49 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: VX009767.D
 Acq: 21 May 2019 22:48

Tgt Ion: 43 Resp: 736682
 Ion Ratio Lower Upper
 43 100
 58 50.5 25.9 77.7





#60

Dibromochloromethane

Concen: 50.777 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VX009767.D

Acq: 21 May 2019 22:48

Instrument :

MSVOA_X

ClientSampleId :

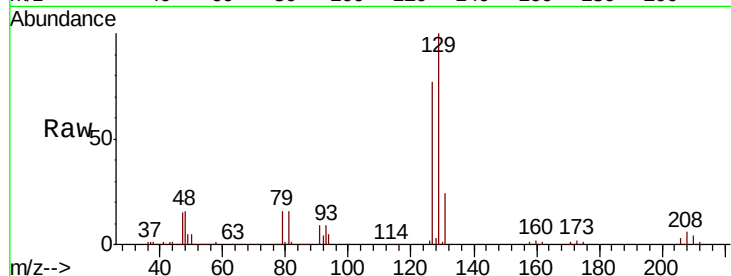
S73-0229MSD

Tot Ion:129 Resp: 93019

Ion Ratio Lower Upper

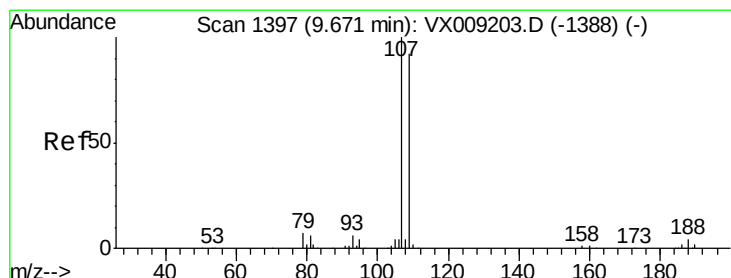
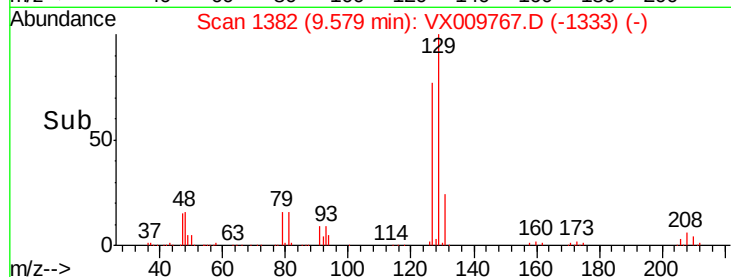
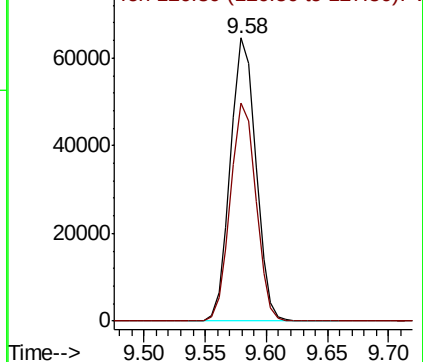
129 100

127 77.5 38.4 115.1



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 50.303 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX009767.D

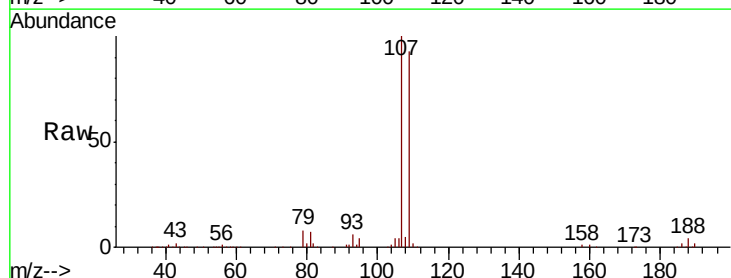
Acq: 21 May 2019 22:48

Tgt Ion:107 Resp: 95241

Ion Ratio Lower Upper

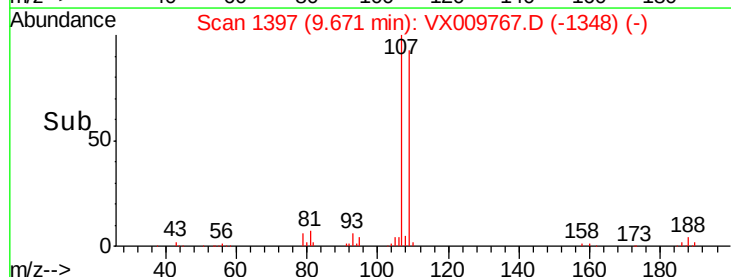
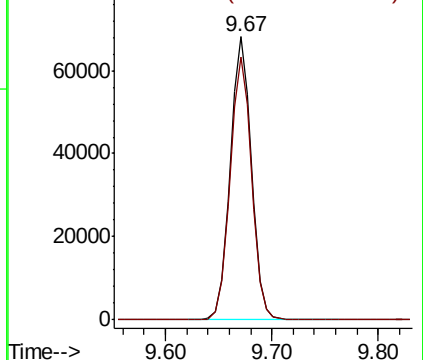
107 100

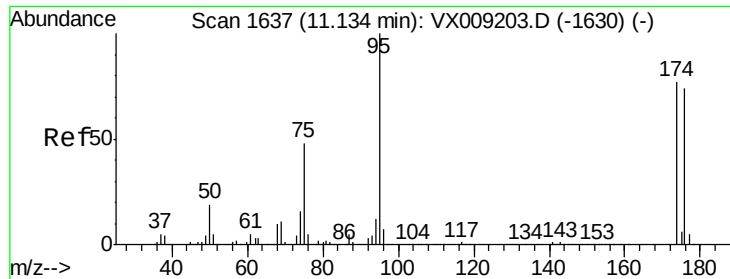
109 94.2 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

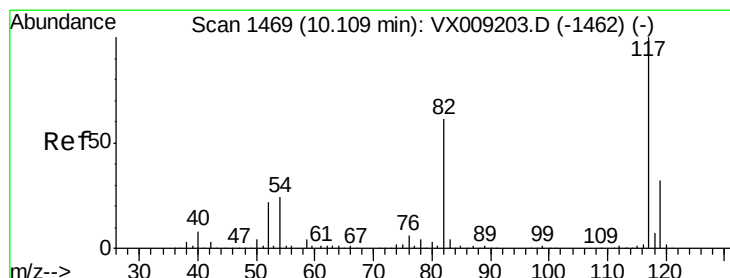
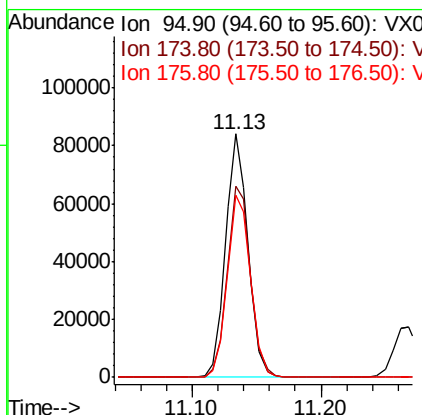
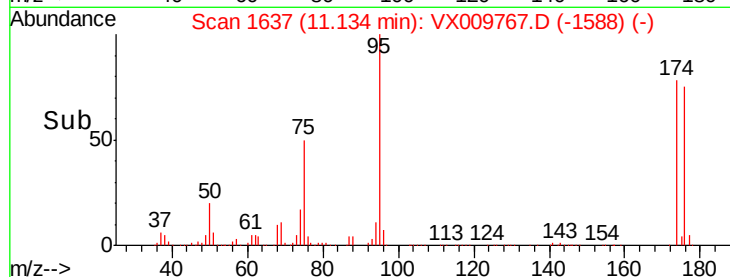
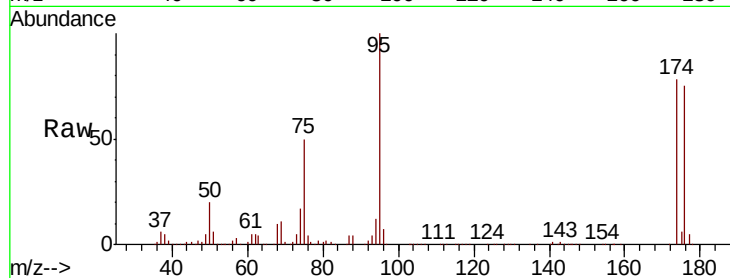




#62
4-Bromofluorobenzene
Concen: 42.446 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009767.D
Acq: 21 May 2019 22:48

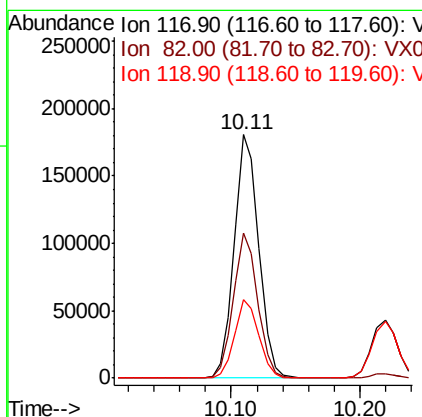
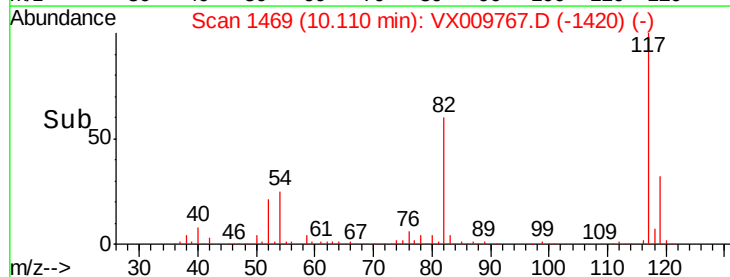
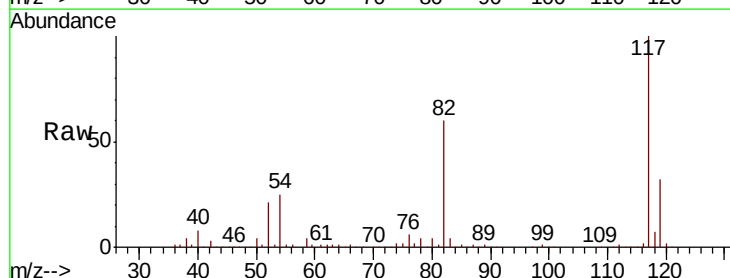
Instrument :
MSVOA_X
ClientSampled :
S73-0229MSD

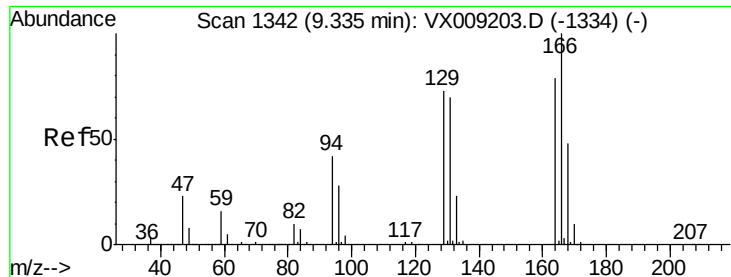
Tot Ion: 95 Resp: 102938
Ion Ratio Lower Upper
95 100
174 81.4 0.0 161.6
176 77.9 0.0 159.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009767.D
Acq: 21 May 2019 22:48

Tgt Ion: 117 Resp: 240659
Ion Ratio Lower Upper
117 100
82 59.7 48.8 73.2
119 32.5 25.8 38.6





#64

Tetrachloroethene

Concen: 44.659 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX009767.D

Acq: 21 May 2019 22:48

Instrument :

MSVOA_X

ClientSampleId :

S73-0229MSD

Tot Ion:164 Resp: 73723

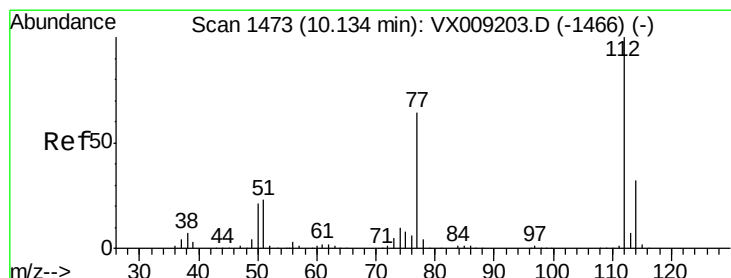
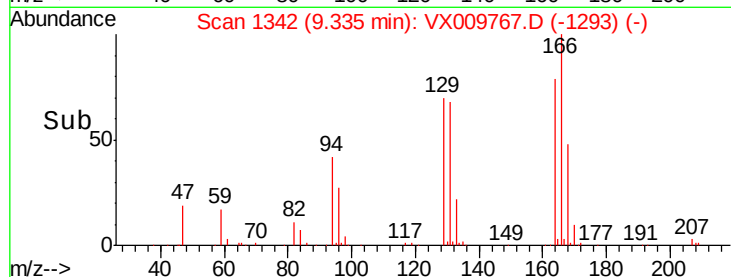
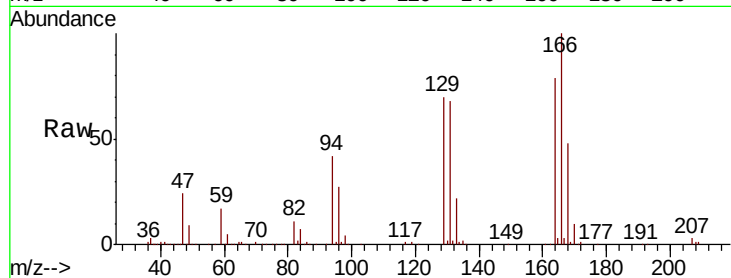
Ion Ratio Lower Upper

164 100

166 126.3 101.2 151.8

129 88.8 74.3 111.5

131 85.6 71.0 106.6



#65

Chlorobenzene

Concen: 49.407 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX009767.D

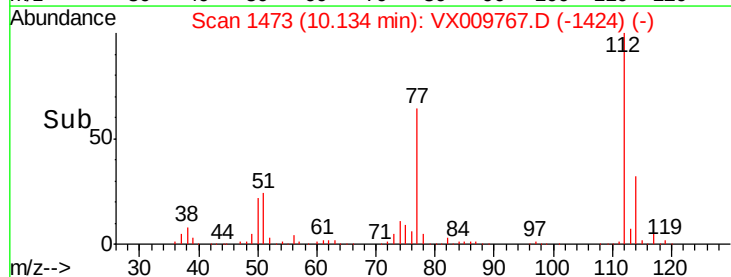
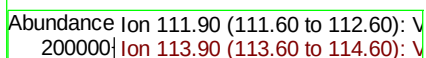
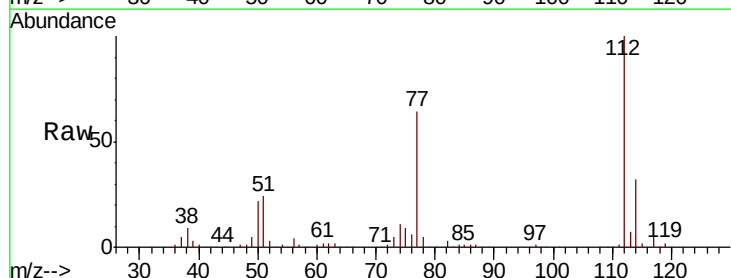
Acq: 21 May 2019 22:48

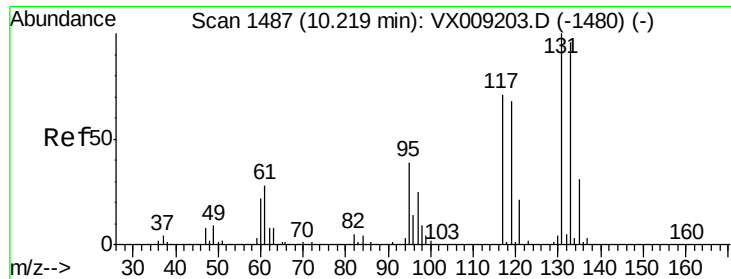
Tgt Ion:112 Resp: 237860

Ion Ratio Lower Upper

112 100

114 32.0 25.5 38.3

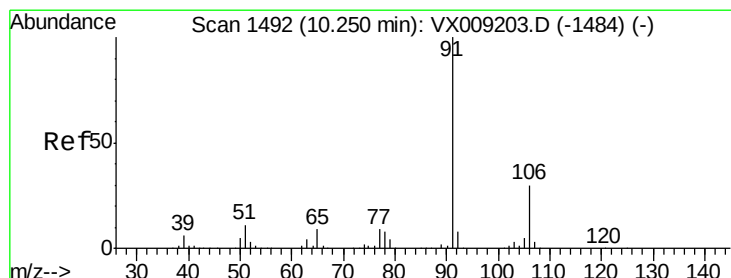
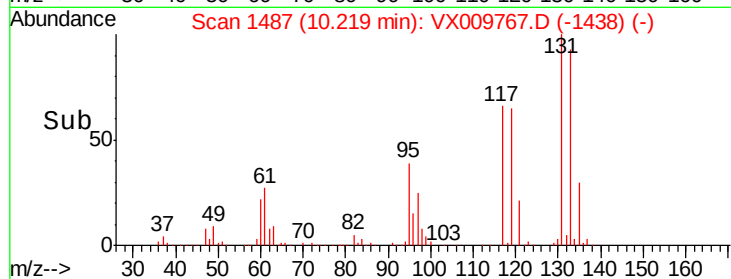
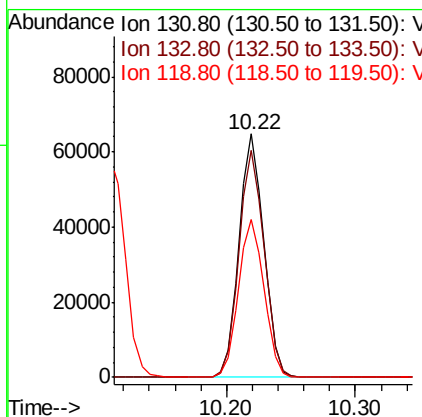
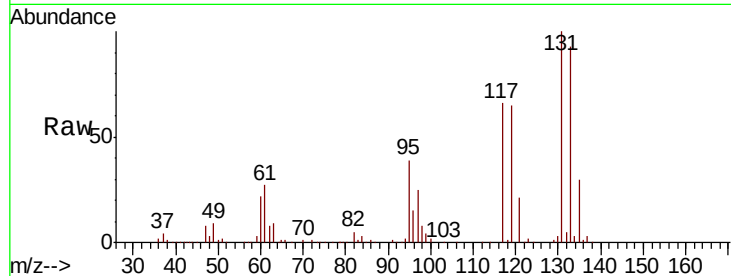




#66
 1,1,1,2-Tetrachloroethane
 Concen: 49.445 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VX009767.D
 Acq: 21 May 2019 22:48

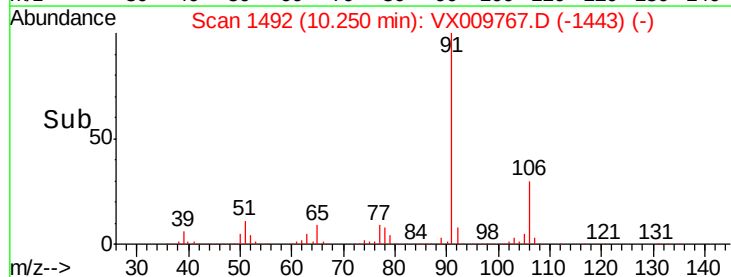
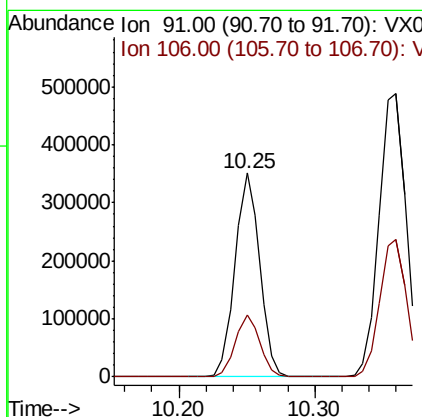
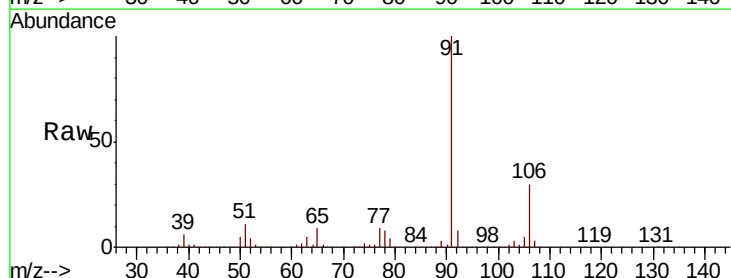
Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0229MSD

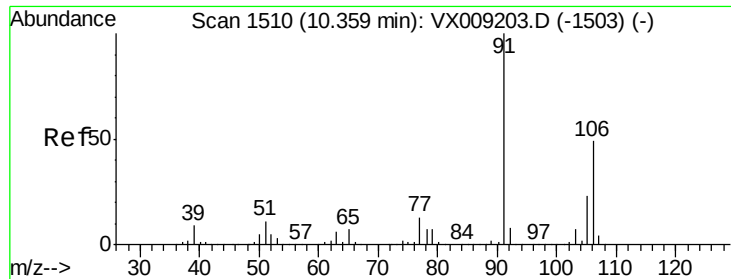
Tot Ion:131 Resp: 86300
 Ion Ratio Lower Upper
 131 100
 133 95.0 47.7 143.1
 119 66.7 33.5 100.4



#67
 Ethyl Benzene
 Concen: 50.139 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: VX009767.D
 Acq: 21 May 2019 22:48

Tgt Ion: 91 Resp: 444233
 Ion Ratio Lower Upper
 91 100
 106 30.1 24.0 36.0

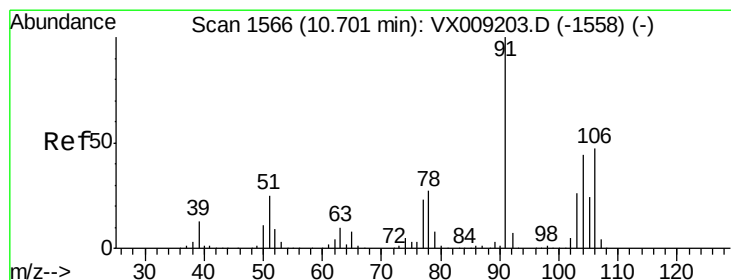
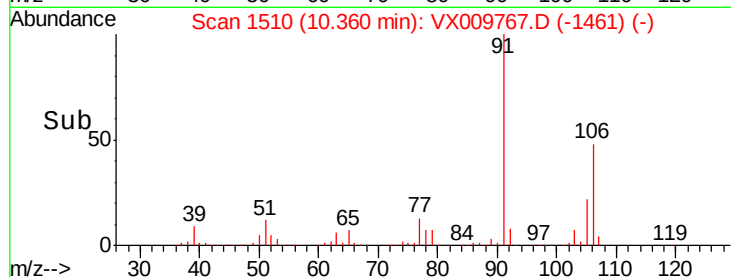
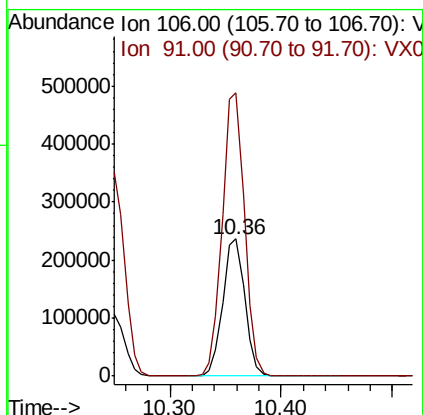
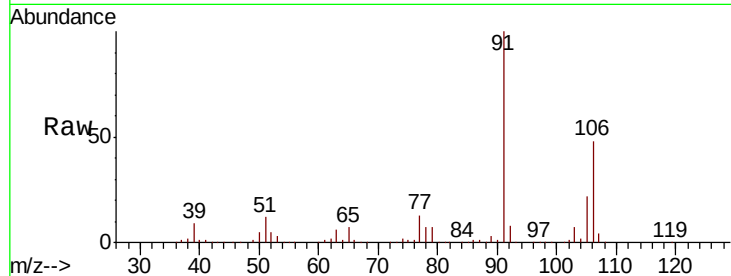




#68
m/p-Xylenes
Concen: 99.743 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX009767.D
Acq: 21 May 2019 22:48

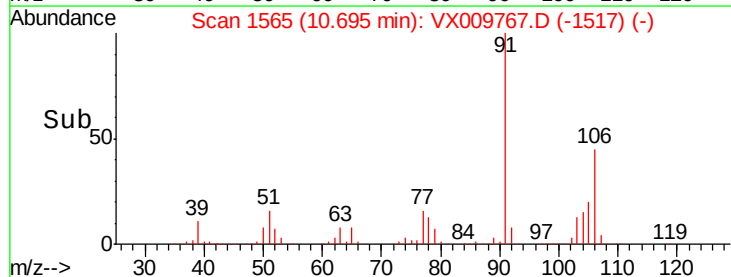
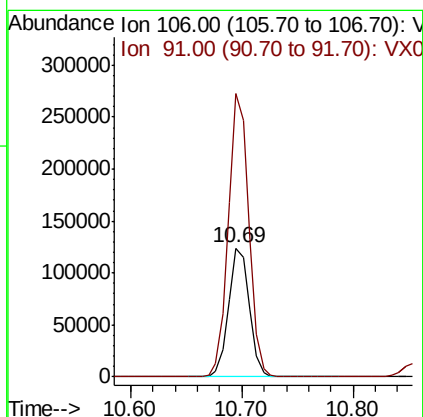
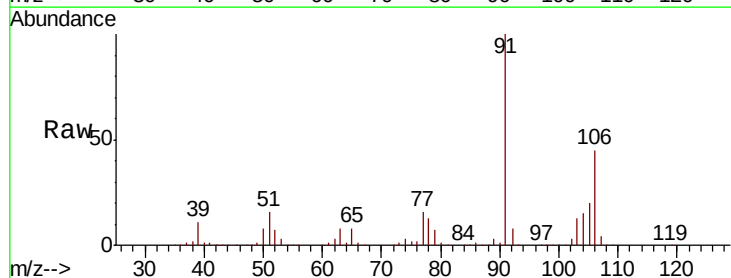
Instrument :
MSVOA_X
ClientSampled :
S73-0229MSD

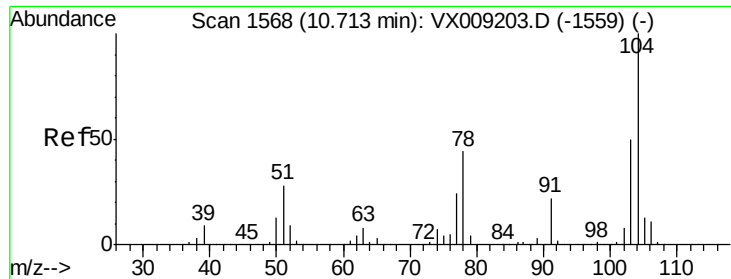
Tot Ion:106 Resp: 322944
Ion Ratio Lower Upper
106 100
91 209.3 164.0 246.0



#69
o-Xylene
Concen: 49.912 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009767.D
Acq: 21 May 2019 22:48

Tgt Ion:106 Resp: 159445
Ion Ratio Lower Upper
106 100
91 218.0 109.5 328.4

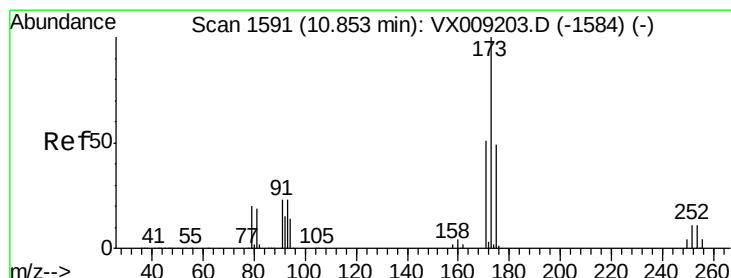
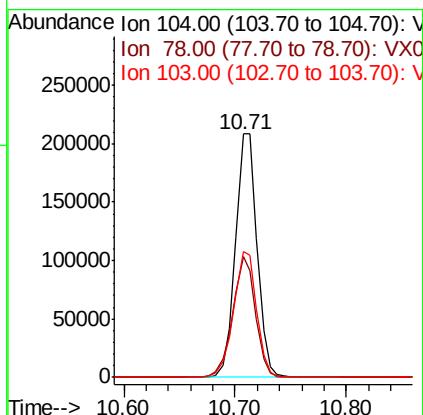
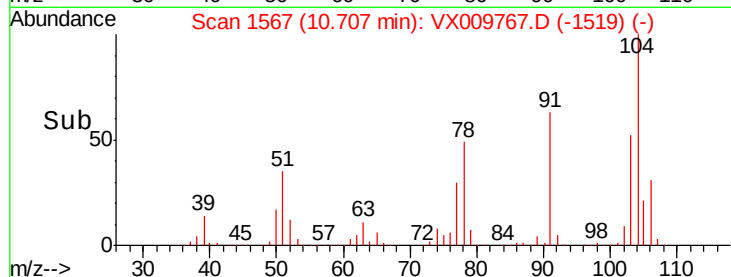
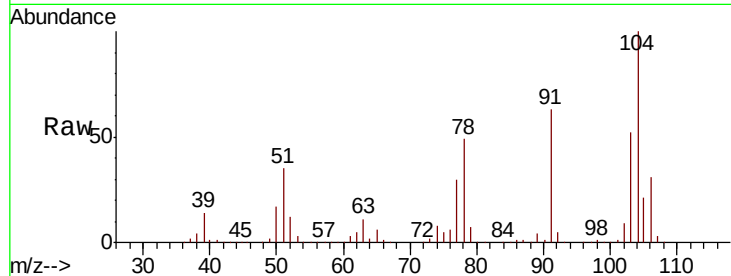




#70
Stvrene
Concen: 50.285 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX009767.D
Acq: 21 May 2019 22:48

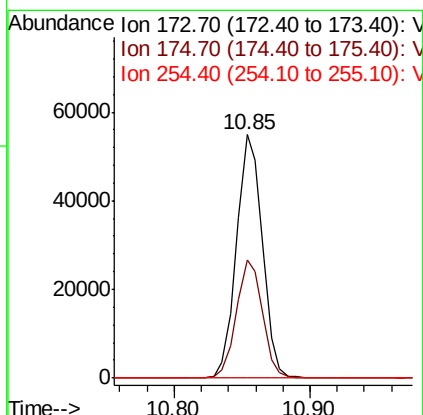
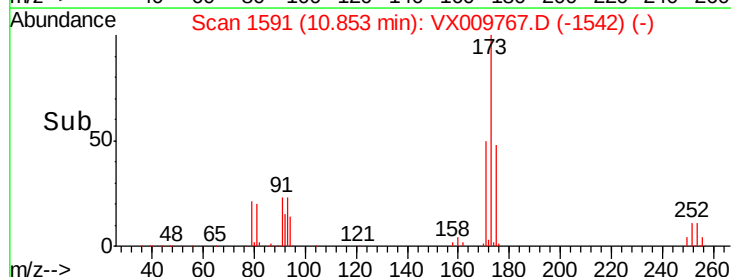
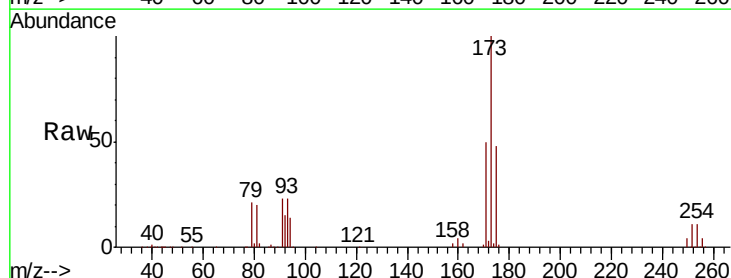
Instrument :
MSVOA_X
ClientSampled :
S73-0229MSD

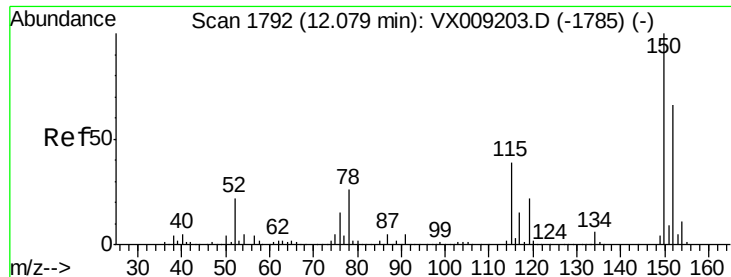
Tot Ion:104 Resp: 279198
Ion Ratio Lower Upper
104 100
78 51.9 41.0 61.4
103 55.0 43.8 65.6



#71
Bromoform
Concen: 51.190 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX009767.D
Acq: 21 May 2019 22:48

Tgt Ion:173 Resp: 72606
Ion Ratio Lower Upper
173 100
175 48.8 24.5 73.5
254 0.1 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX009767.D

Acq: 21 May 2019 22:48

Instrument :

MSVOA_X

ClientSampleId :

S73-0229MSD

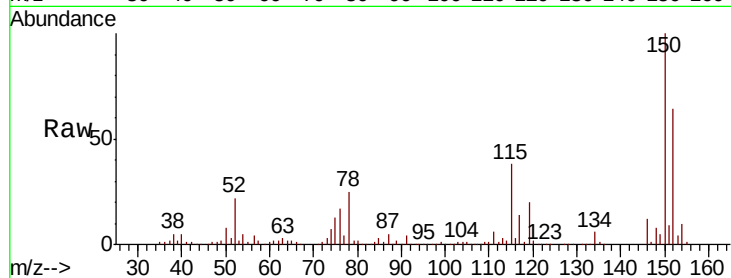
Tot Ion:152 Resp: 117983

Ion Ratio Lower Upper

152 100

115 81.8 41.2 123.6

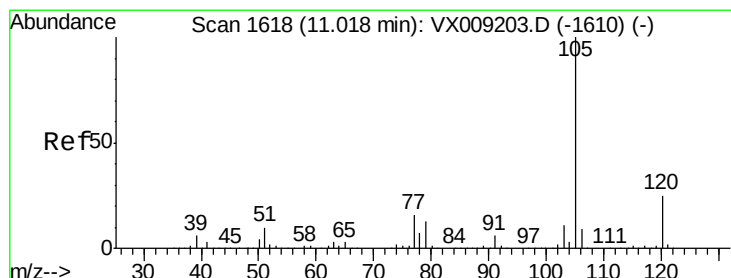
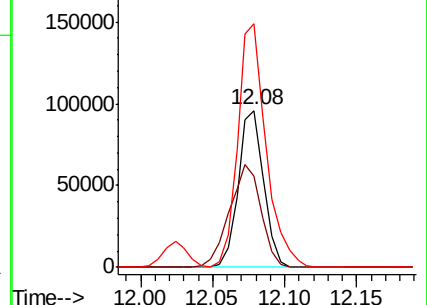
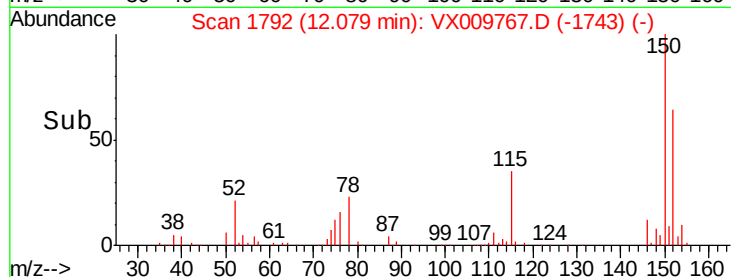
150 172.9 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 48.887 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009767.D

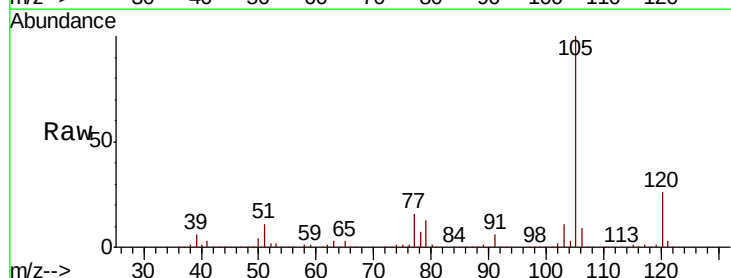
Acq: 21 May 2019 22:48

Tgt Ion:105 Resp: 419434

Ion Ratio Lower Upper

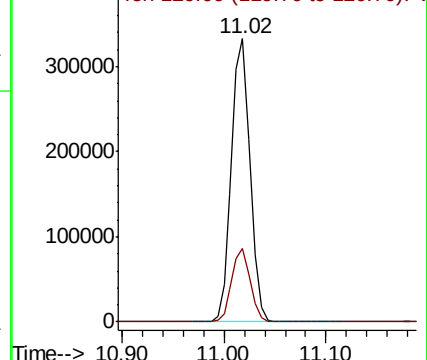
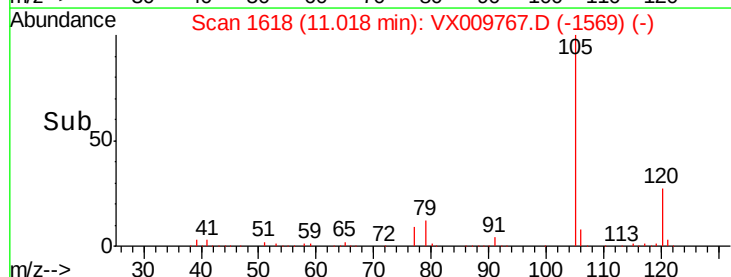
105 100

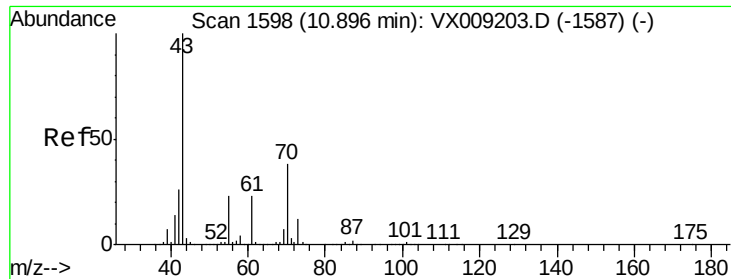
120 25.8 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 44.384 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX009767.D

Acq: 21 May 2019 22:48

Instrument :

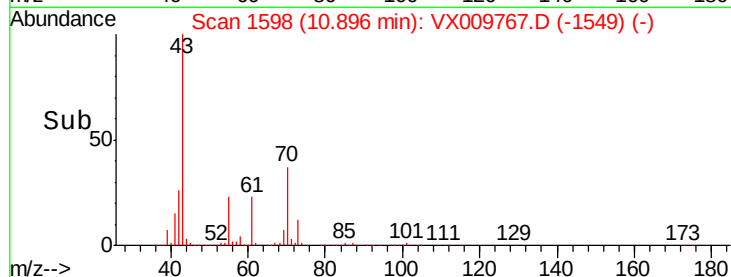
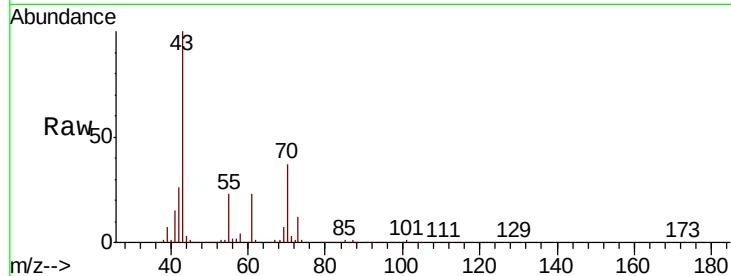
MSVOA_X

ClientSampleId :

S73-0229MSD

Tot Ion: 43 Resp: 222010

Ion	Ratio	Lower	Upper
43	100		
70	36.6	30.0	45.0
55	22.4	17.9	26.9
61	22.3	18.4	27.6

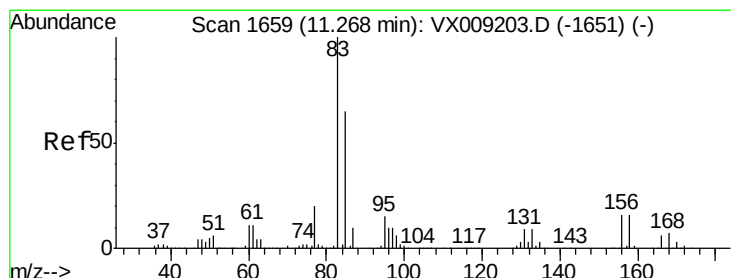


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 49.420 ug/l

RT: 11.27 min Scan# 1659

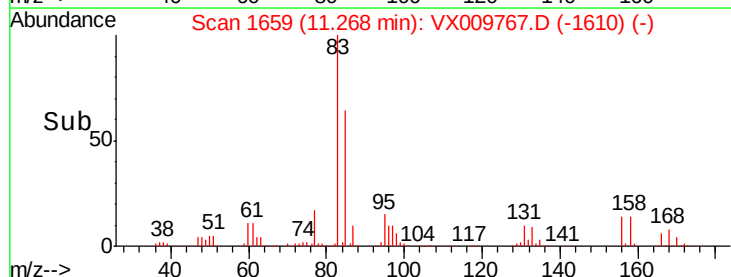
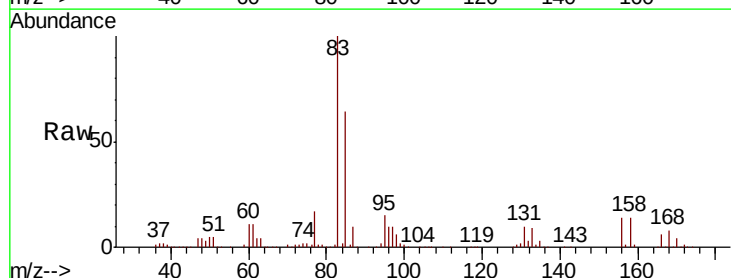
Delta R.T. 0.00 min

Lab File: VX009767.D

Acq: 21 May 2019 22:48

Tgt Ion: 83 Resp: 158061

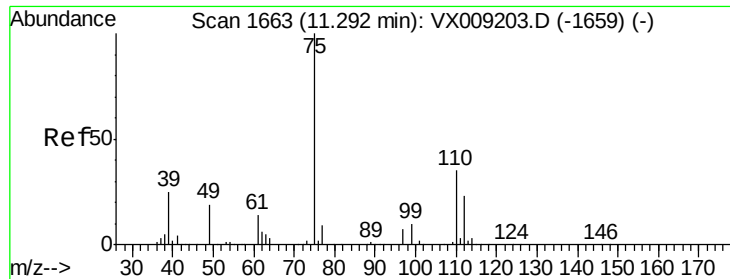
Ion	Ratio	Lower	Upper
83	100		
131	9.3	4.6	13.8
85	64.1	32.0	96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

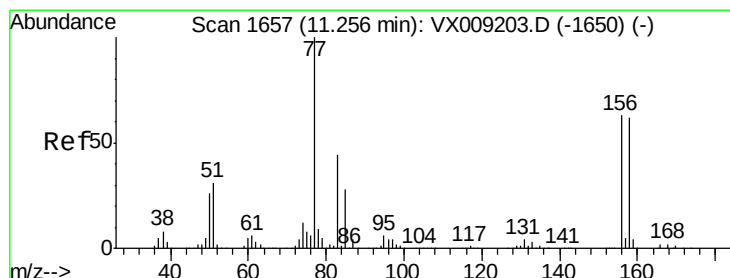
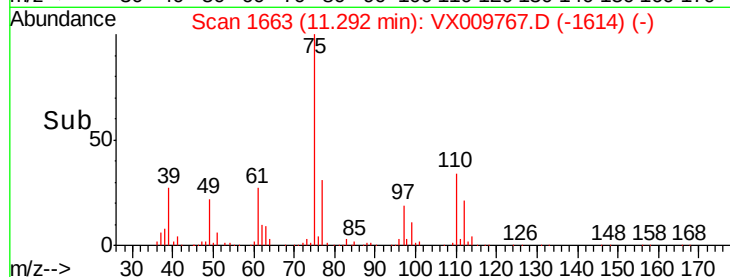
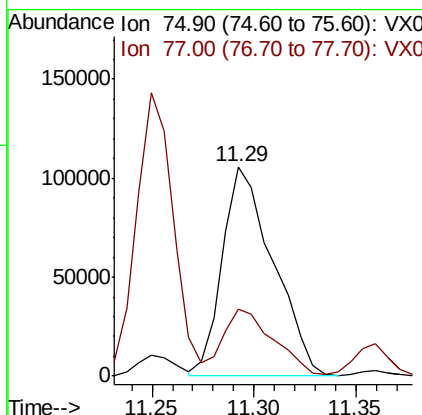
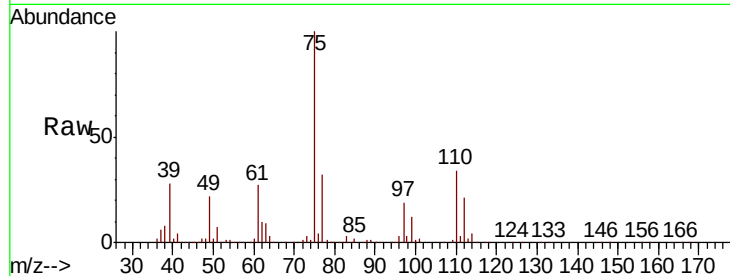
Ion 84.90 (84.60 to 85.60): VX0



#76
1,2,3-Trichloropropane
Concen: 66.241 ug/l
RT: 11.29 min Scan# 1663
Delta R.T. 0.00 min
Lab File: VX009767.D
Acq: 21 May 2019 22:48

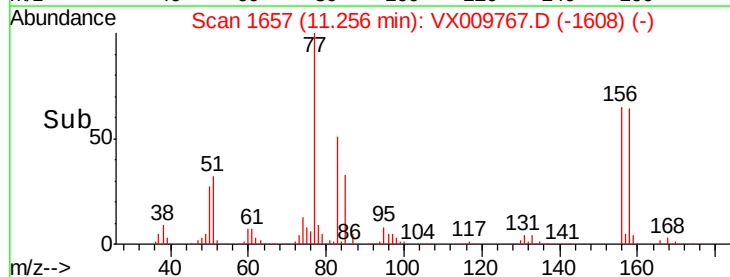
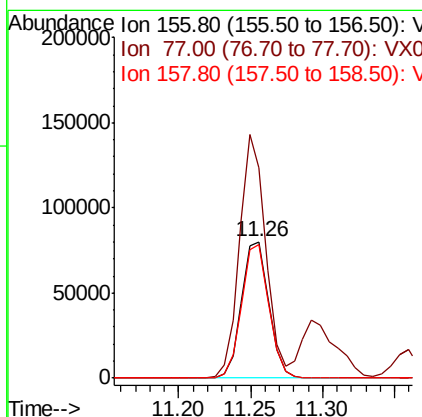
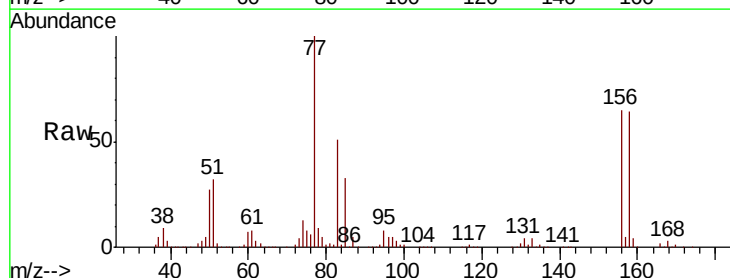
Instrument :
MSVOA_X
ClientSampleId :
S73-0229MSD

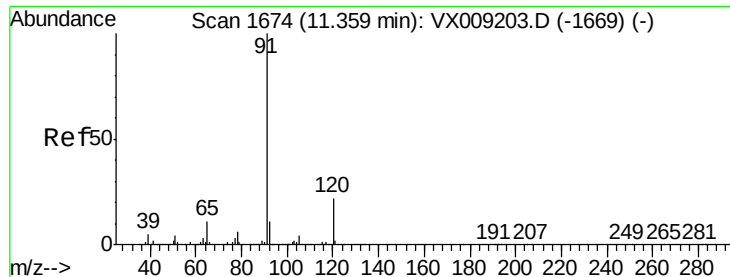
Tot Ion: 75 Resp: 181288
Ion Ratio Lower Upper
75 100
77 32.1 22.1 66.1



#77
Bromobenzene
Concen: 49.637 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VX009767.D
Acq: 21 May 2019 22:48

Tgt Ion: 156 Resp: 105702
Ion Ratio Lower Upper
156 100
77 170.3 84.8 254.3
158 97.0 49.1 147.3





#78

n-propylbenzene

Concen: 49.410 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009767.D

Acq: 21 May 2019 22:48

Instrument :

MSVOA_X

ClientSampleId :

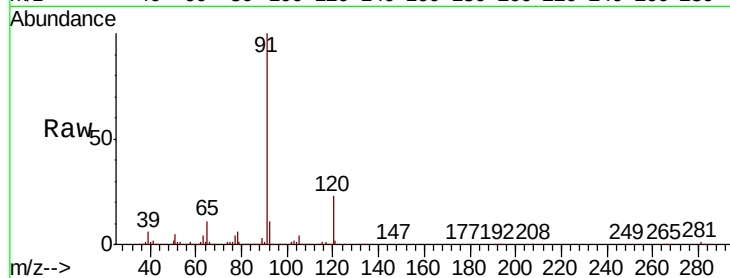
S73-0229MSD

Tot Ion: 91 Resp: 484136

Ion Ratio Lower Upper

91 100

120 22.4 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

400000

300000

200000

100000

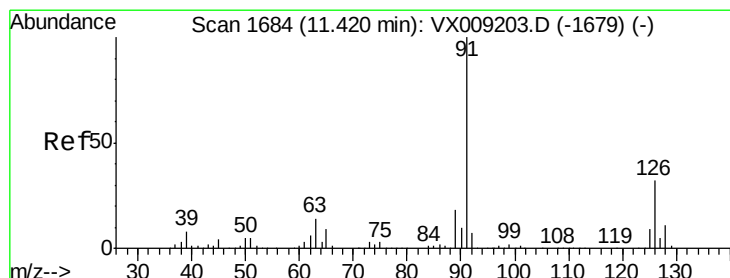
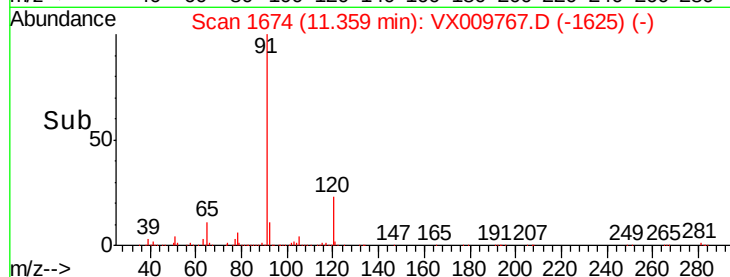
0

11.36

11.35

11.40

Time-->



#79

2-Chlorotoluene

Concen: 48.254 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX009767.D

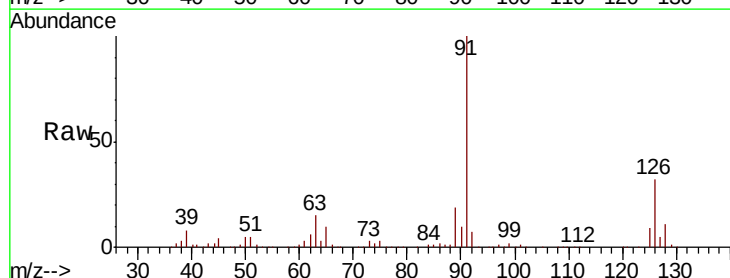
Acq: 21 May 2019 22:48

Tgt Ion: 91 Resp: 291698

Ion Ratio Lower Upper

91 100

126 32.5 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

400000

300000

200000

100000

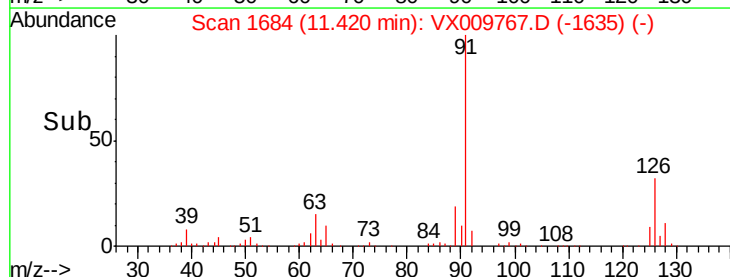
0

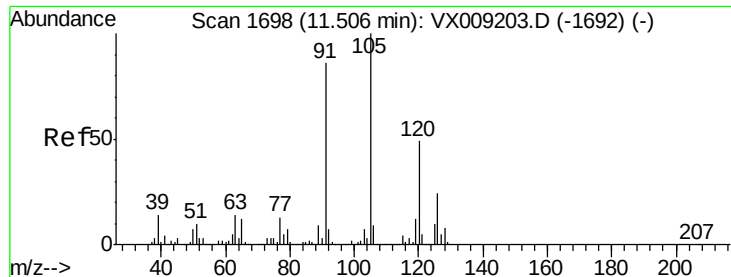
11.42

11.40

11.45

Time-->

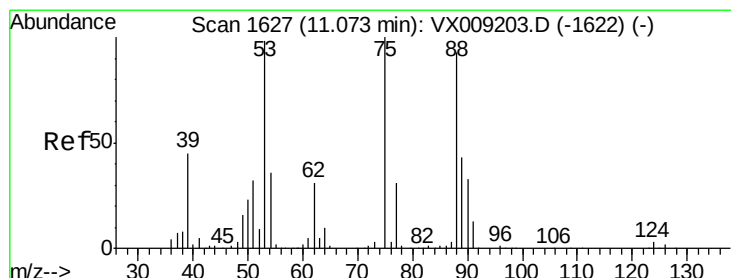
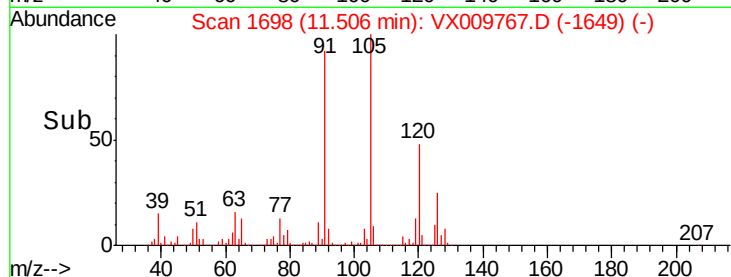
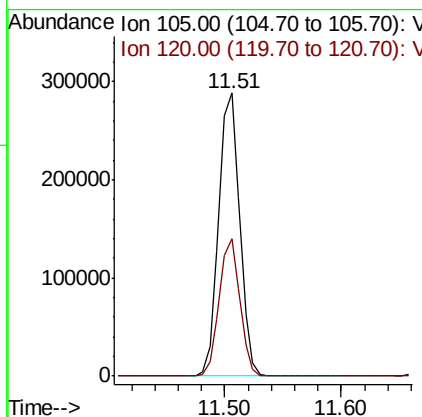
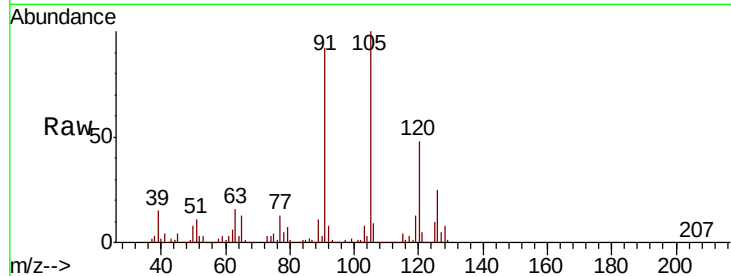




#80
 1,3,5-Trimethylbenzene
 Concen: 49.400 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX009767.D
 Acq: 21 May 2019 22:48

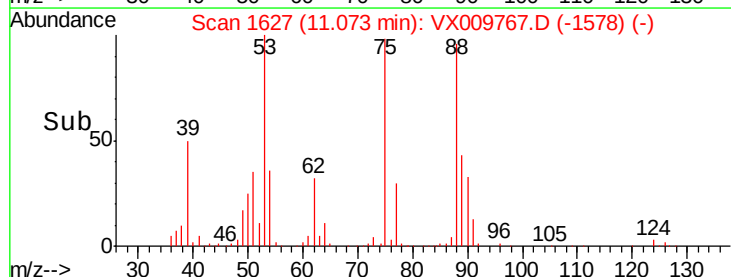
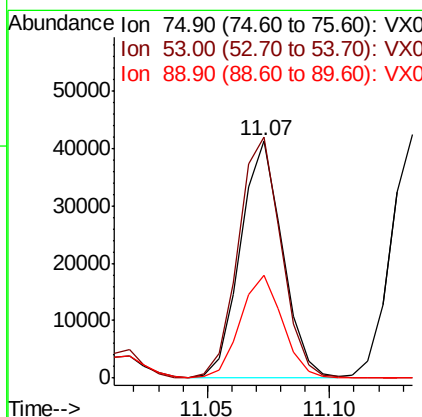
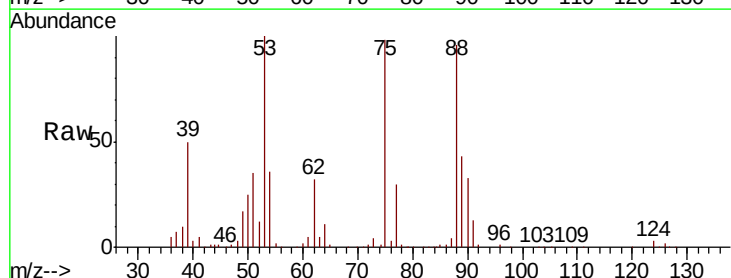
Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0229MSD

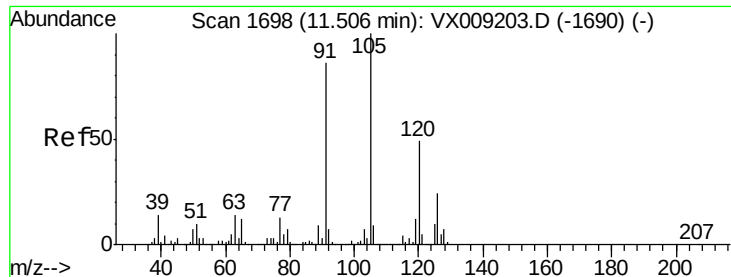
Tot Ion:105 Resp: 356869
 Ion Ratio Lower Upper
 105 100
 120 47.7 24.3 72.9



#81
 trans-1,4-Dichloro-2-butene
 Concen: 46.045 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX009767.D
 Acq: 21 May 2019 22:48

Tgt Ion: 75 Resp: 49251
 Ion Ratio Lower Upper
 75 100
 53 104.1 79.0 118.6
 89 43.6 34.7 52.1

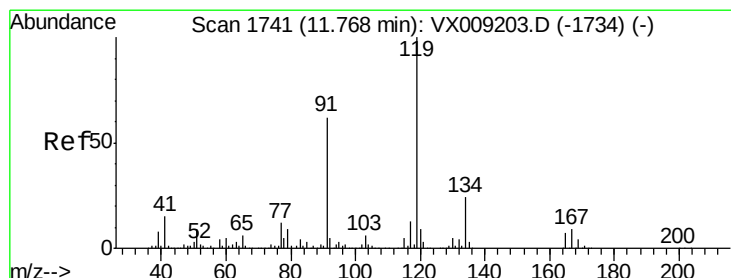
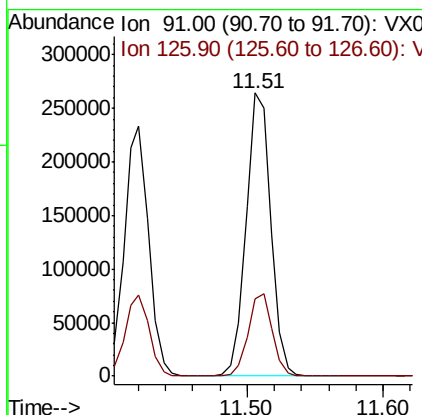
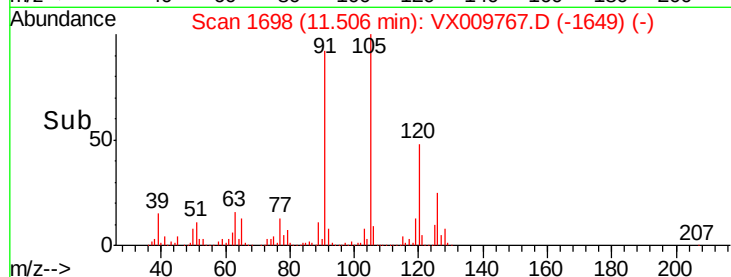
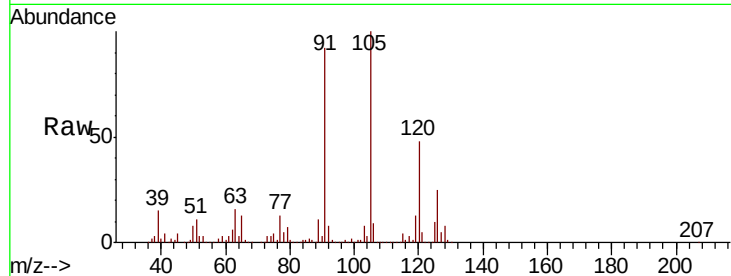




#82
4-Chlorotoluene
Concen: 49.013 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX009767.D
Acq: 21 May 2019 22:48

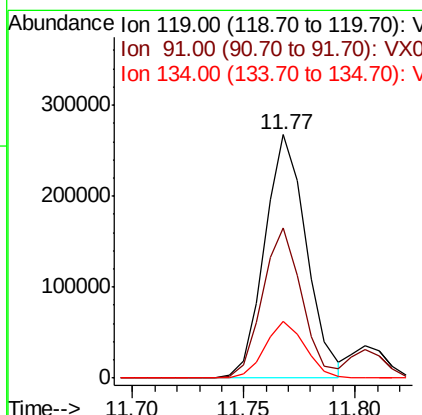
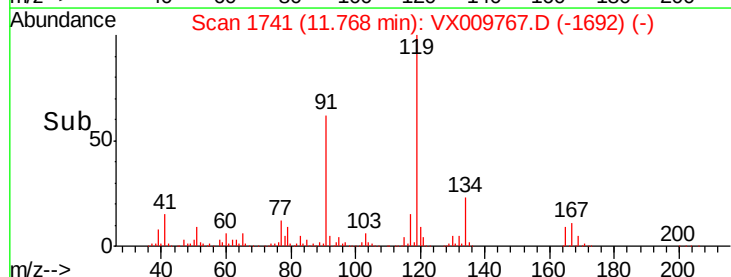
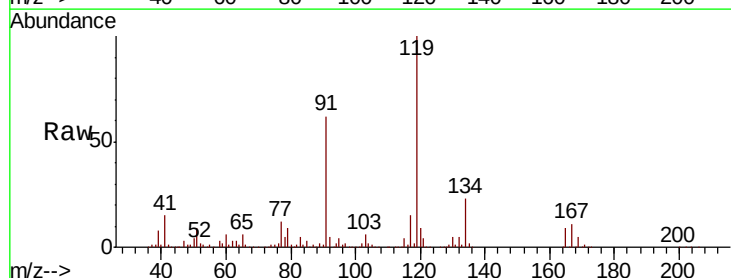
Instrument :
MSVOA_X
ClientSampled :
S73-0229MSD

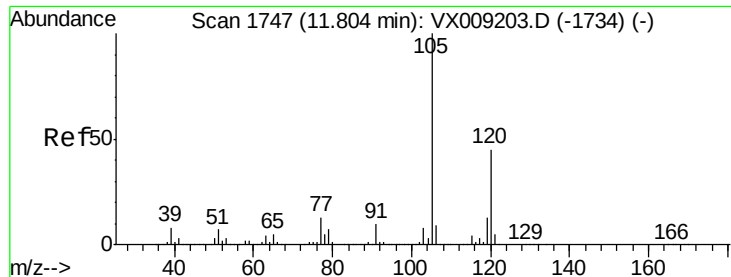
Tot Ion: 91 Resp: 334722
Ion Ratio Lower Upper
91 100
126 28.6 14.5 43.6



#83
tert-Butylbenzene
Concen: 49.464 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX009767.D
Acq: 21 May 2019 22:48

Tgt Ion: 119 Resp: 347611
Ion Ratio Lower Upper
119 100
91 58.8 29.5 88.5
134 22.4 11.4 34.1

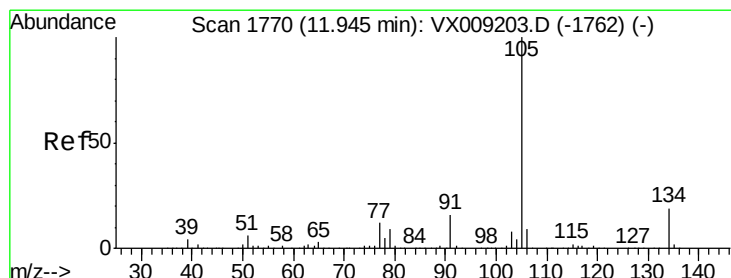
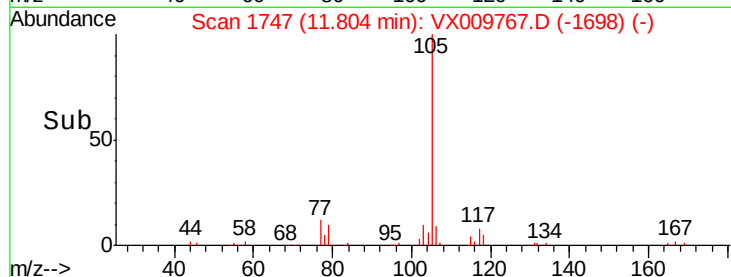
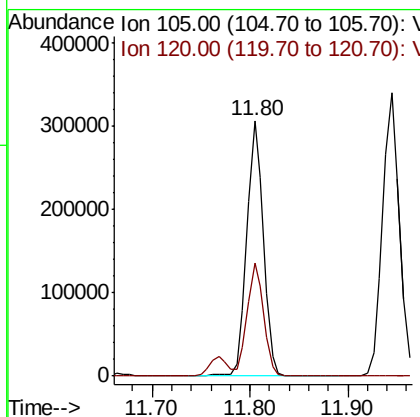
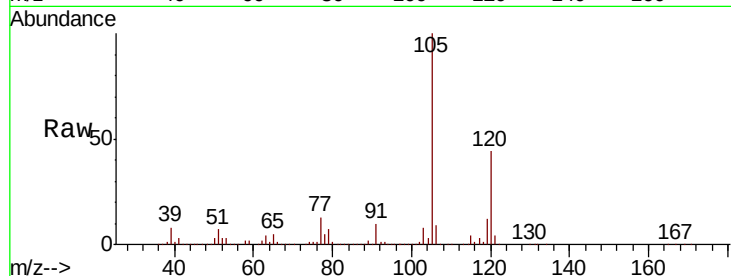




#84
 1,2,4-Trimethylbenzene
 Concen: 49.672 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX009767.D
 Acq: 21 May 2019 22:48

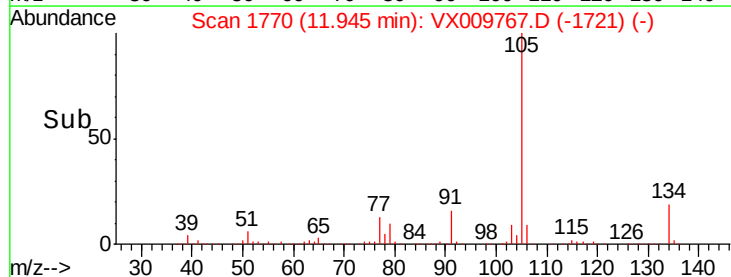
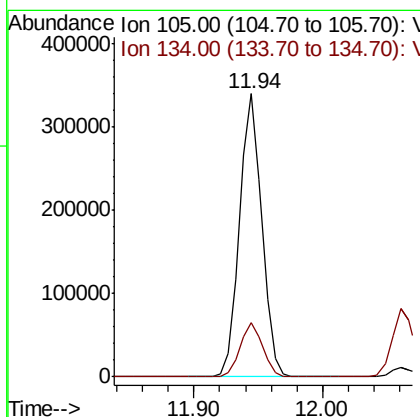
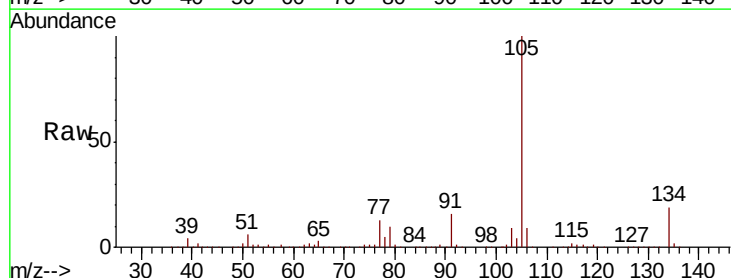
Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0229MSD

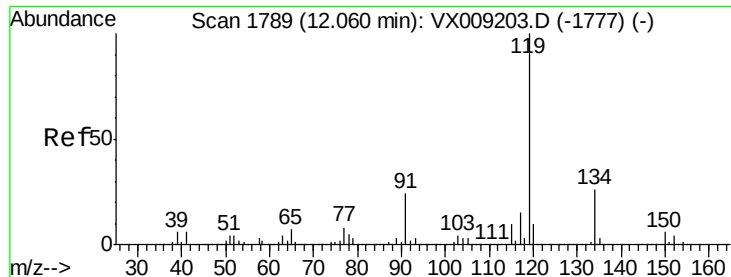
Tot Ion:105 Resp: 360178
 Ion Ratio Lower Upper
 105 100
 120 43.5 22.0 66.0



#85
 sec-Butylbenzene
 Concen: 48.802 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX009767.D
 Acq: 21 May 2019 22:48

Tgt Ion:105 Resp: 406598
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.7 28.9





#86

p-Isopropyltoluene

Concen: 49.880 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX009767.D

Acq: 21 May 2019 22:48

Instrument :

MSVOA_X

ClientSampleId :

S73-0229MSD

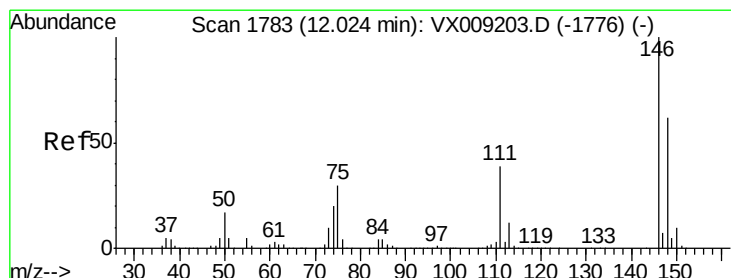
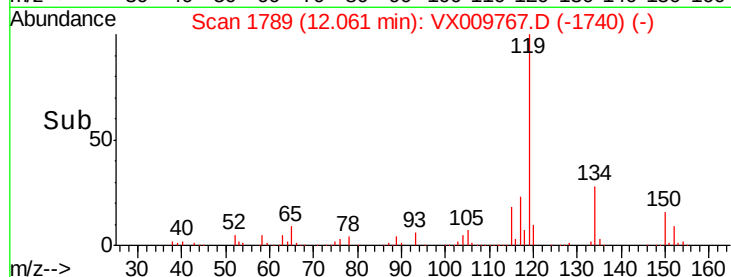
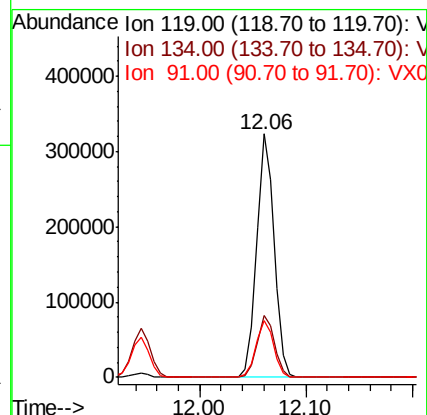
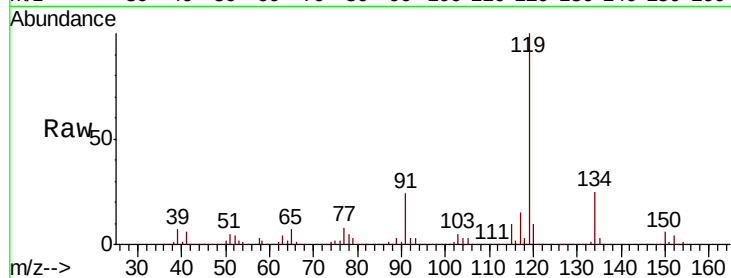
Tot Ion:119 Resp: 373605

Ion Ratio Lower Upper

119 100

134 25.5 12.9 38.7

91 23.8 11.8 35.4



#87

1,3-Dichlorobenzene

Concen: 48.847 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX009767.D

Acq: 21 May 2019 22:48

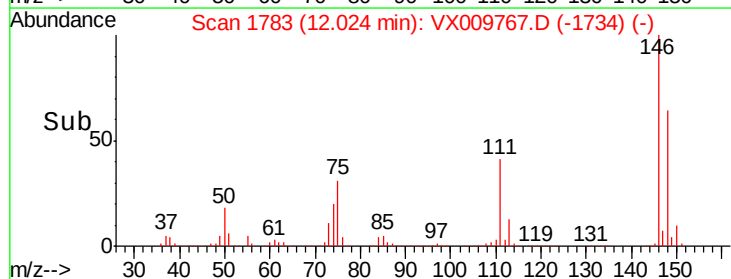
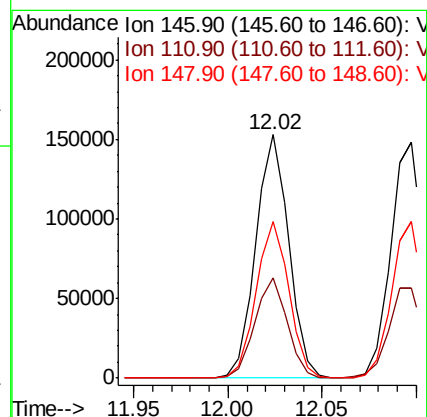
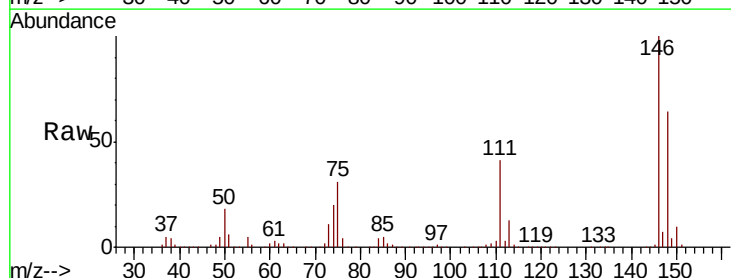
Tgt Ion:146 Resp: 185433

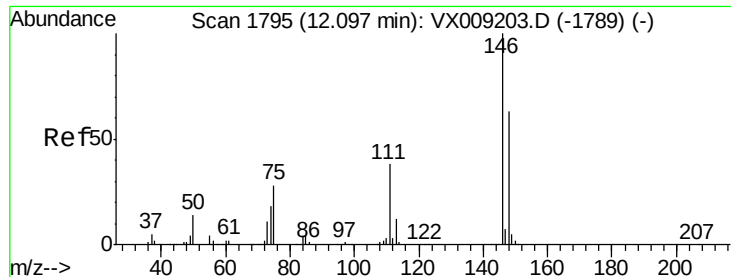
Ion Ratio Lower Upper

146 100

111 40.7 20.0 59.9

148 64.0 31.8 95.3

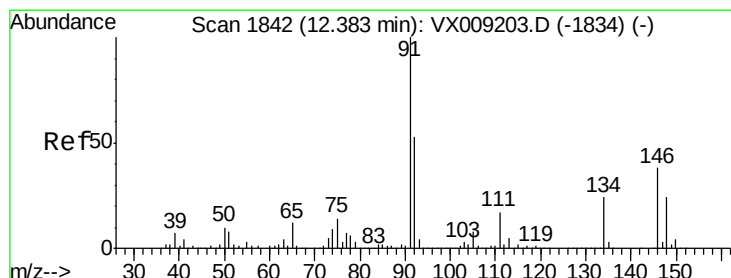
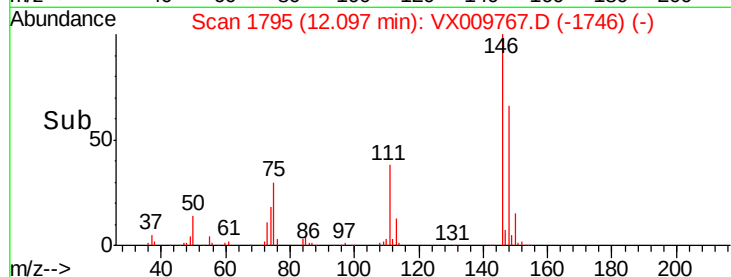
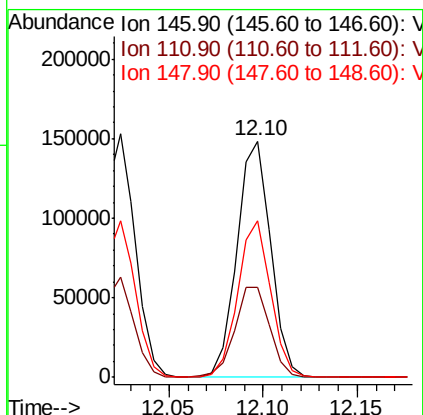
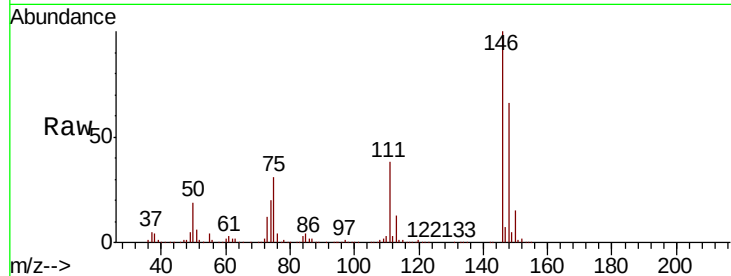




#88
 1,4-Dichlorobenzene
 Concen: 48.080 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX009767.D
 Acq: 21 May 2019 22:48

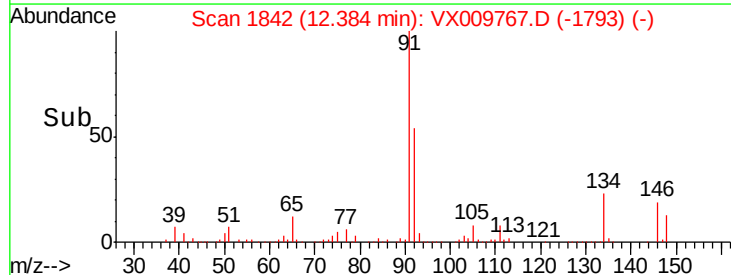
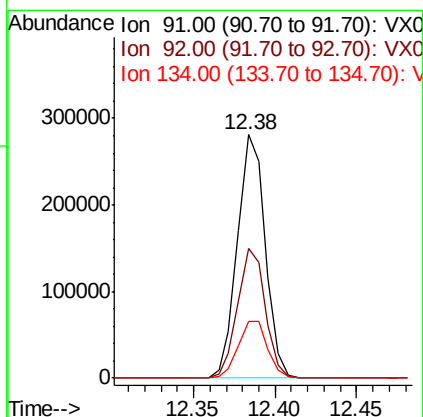
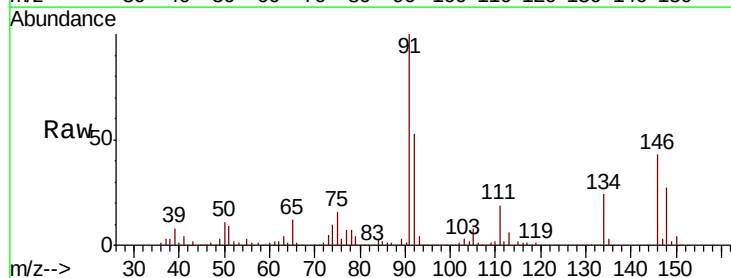
Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0229MSD

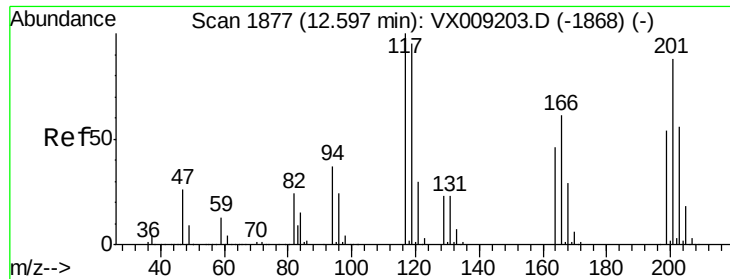
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.6	58.8
148	64.7	31.8	95.3



#89
 n-Butylbenzene
 Concen: 49.539 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX009767.D
 Acq: 21 May 2019 22:48

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.5	79.5
134	24.7	12.4	37.2





#90

Hexachloroethane

Concen: 50.247 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. -0.01 min

Lab File: VX009767.D

Acq: 21 May 2019 22:48

Instrument :

MSVOA_X

ClientSampleId :

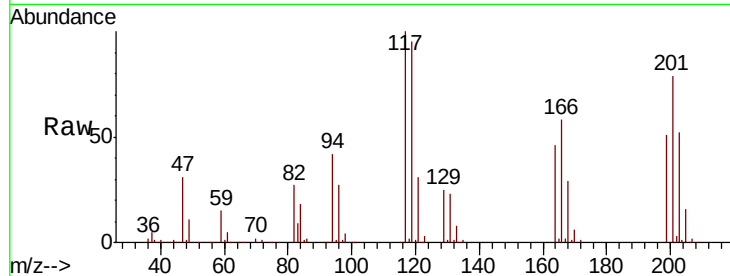
S73-0229MSD

Tot Ion:117 Resp: 64118

Ion Ratio Lower Upper

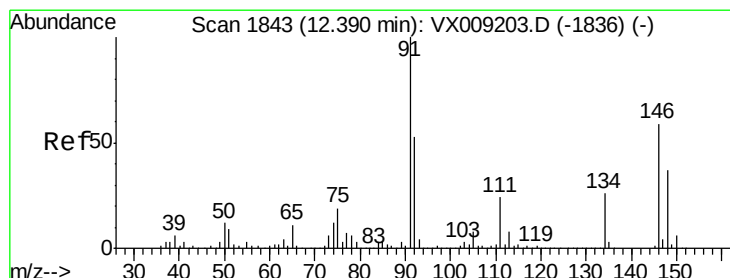
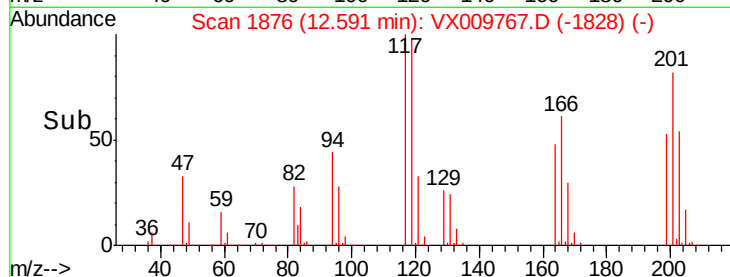
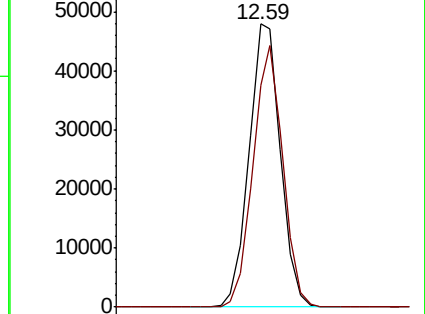
117 100

201 87.6 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: 48.148 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX009767.D

Acq: 21 May 2019 22:48

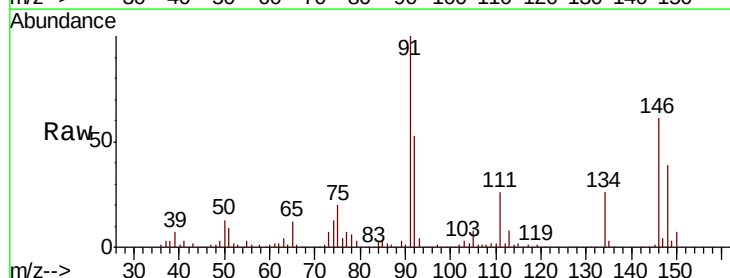
Tgt Ion:146 Resp: 186168

Ion Ratio Lower Upper

146 100

111 42.1 20.8 62.4

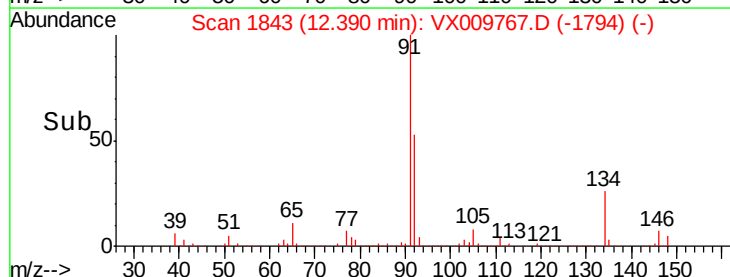
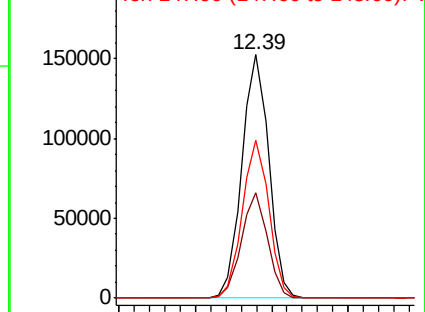
148 64.1 31.9 95.9

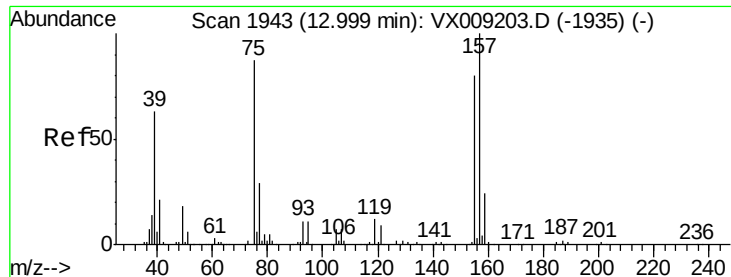


Abundance Ion 145.90 (145.60 to 146.60): V

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: 50.241 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX009767.D

Acq: 21 May 2019 22:48

Instrument :

MSVOA_X

ClientSampleId :

S73-0229MSD

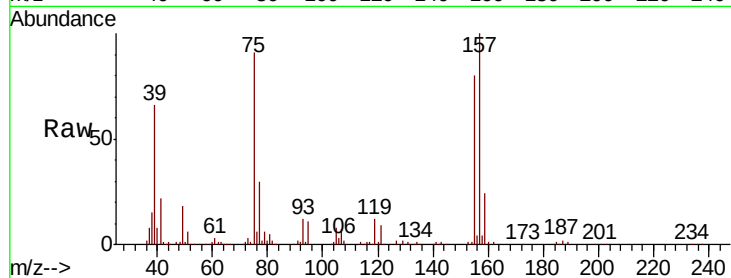
Tot Ion: 75 Resp: 36047

Ion Ratio Lower Upper

75 100

155 81.5 42.0 126.0

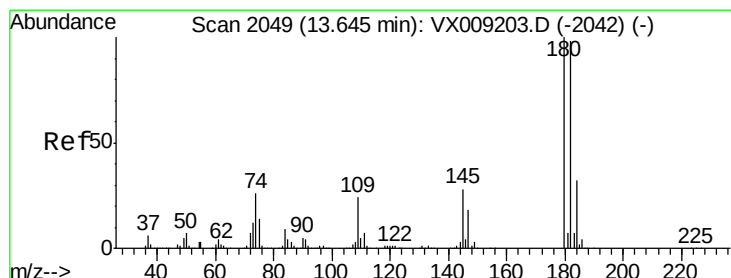
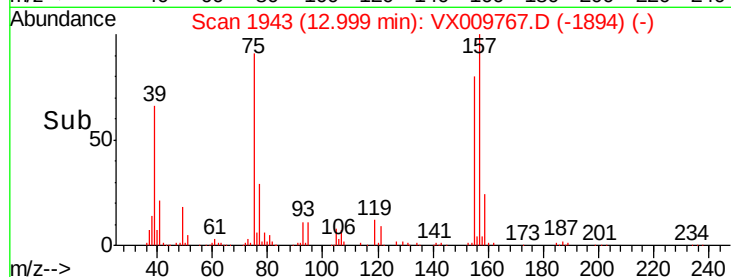
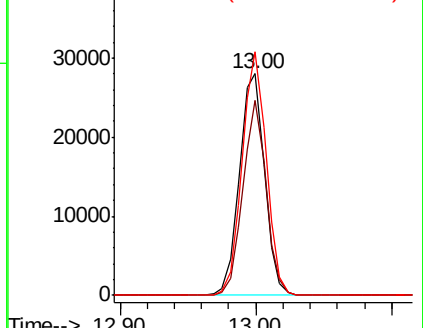
157 105.7 53.2 159.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 48.857 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX009767.D

Acq: 21 May 2019 22:48

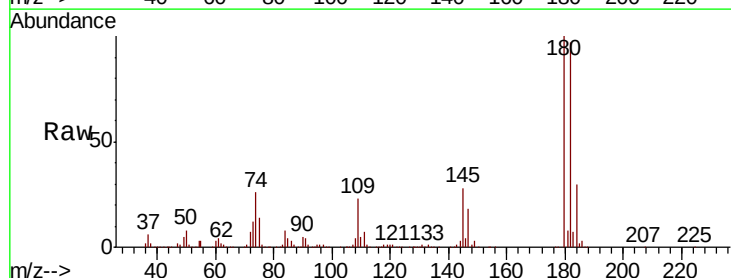
Tgt Ion:180 Resp: 129184

Ion Ratio Lower Upper

180 100

182 95.8 48.4 145.2

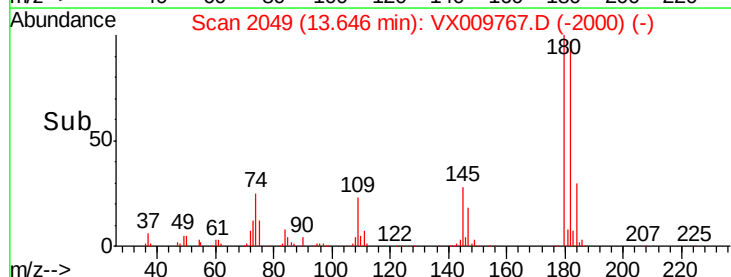
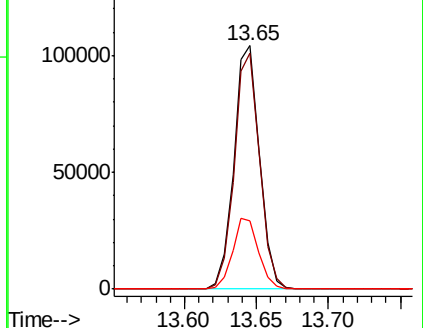
145 29.9 14.6 43.8

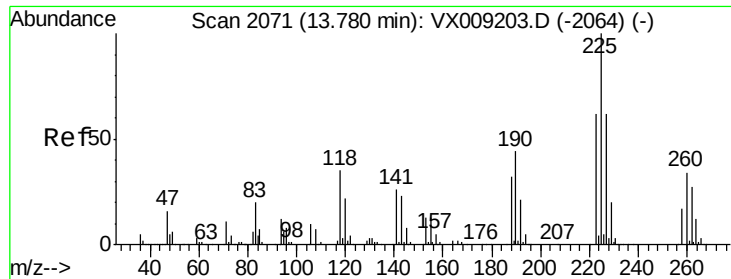


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 48.361 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX009767.D

Acq: 21 May 2019 22:48

Instrument :

MSVOA_X

ClientSampleId :

S73-0229MSD

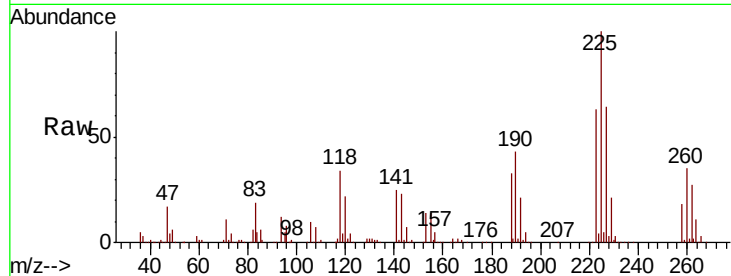
Tot Ion:225 Resp: 65299

Ion Ratio Lower Upper

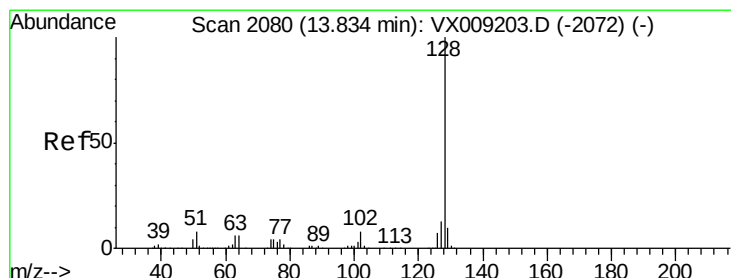
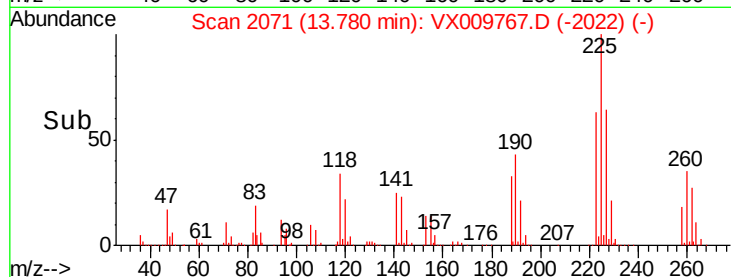
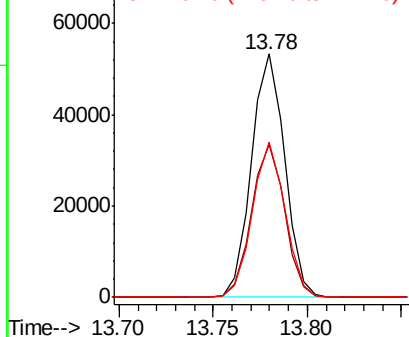
225 100

223 62.6 31.3 93.8

227 62.5 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: 49.525 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX009767.D

Acq: 21 May 2019 22:48

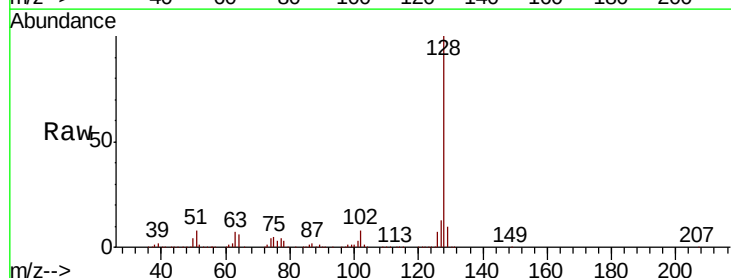
Tgt Ion:128 Resp: 426036

Ion Ratio Lower Upper

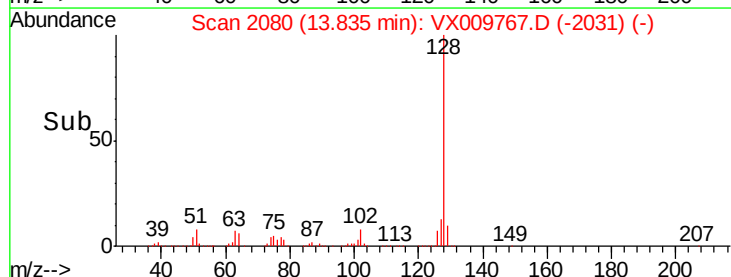
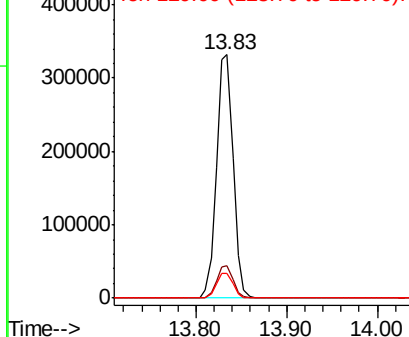
128 100

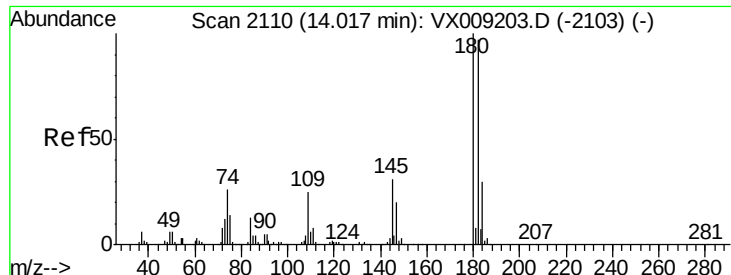
127 13.1 10.4 15.6

129 10.7 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

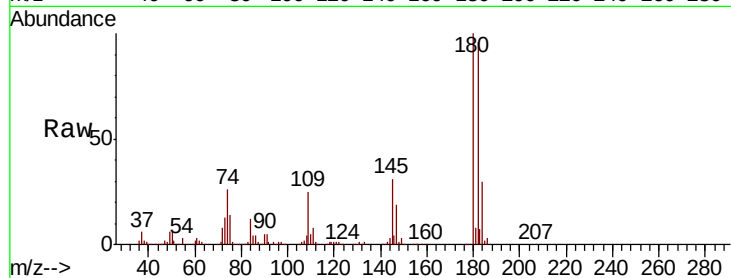




#96
 1,2,3-Trichlorobenzene
 Concen: 49.017 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX009767.D
 Acq: 21 May 2019 22:48

Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0229MSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.8	143.4
145	31.7	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

