

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051420\
 Data File : VX016242.D
 Acq On : 14 May 2020 19:25
 Operator : JC/SP
 Sample : L2643-04MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW098-200513MSD

Quant Time: May 15 01:36:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	244542	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	399921	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	371283	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	201152	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	148308	46.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.18%	
35) Dibromofluoromethane	5.46	113	118702	46.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.70%	
50) Toluene-d8	8.70	98	466748	47.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.62%	
62) 4-Bromofluorobenzene	11.12	95	184547	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.18	85	126083	48.71	ug/l	99
3) Chloromethane	1.31	50	140789	46.84	ug/l	99
4) Vinyl Chloride	1.39	62	151093	47.11	ug/l	99
5) Bromomethane	1.62	94	69363	42.90	ug/l	97
6) Chloroethane	1.70	64	91892	47.09	ug/l	98
7) Trichlorofluoromethane	1.91	101	196948	46.78	ug/l	99
8) Diethyl Ether	2.17	74	81991	46.22	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	109426	45.05	ug/l	99
10) Methyl Iodide	2.49	142	120353	36.88	ug/l	99
11) Tert butyl alcohol	3.03	59	197475	242.68	ug/l	99
12) 1,1-Dichloroethene	2.35	96	116077	45.66	ug/l	98
13) Acrolein	2.27	56	123911	243.34	ug/l	100
14) Allyl chloride	2.70	41	209773	45.01	ug/l	95
15) Acrylonitrile	3.12	53	411120	243.54	ug/l	98
16) Acetone	2.42	43	324281	225.85	ug/l	94
17) Carbon Disulfide	2.55	76	333056	43.60	ug/l	100
18) Methyl Acetate	2.75	43	168030	47.60	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	441347	50.36	ug/l	99
20) Methylene Chloride	2.83	84	138111	46.66	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	133090	46.98	ug/l	100
22) Diisopropyl ether	3.82	45	420861	47.86	ug/l	96
23) Vinyl Acetate	3.79	43	1757701	227.21	ug/l	99
24) 1,1-Dichloroethane	3.67	63	242943	49.39	ug/l	99
25) 2-Butanone	4.64	43	566093	244.67	ug/l	100
26) 2,2-Dichloropropane	4.55	77	194760	43.36	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	160962	51.97	ug/l	96
28) Bromochloromethane	4.98	49	111576	49.75	ug/l	96
29) Tetrahydrofuran	5.09	42	369726	241.17	ug/l	97
30) Chloroform	5.18	83	245358	50.10	ug/l	100
31) Cyclohexane	5.55	56	204912	45.84	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	217806	48.93	ug/l	98
36) 1,1-Dichloropropene	5.77	75	181254	46.04	ug/l	99
37) Ethyl Acetate	4.79	43	202577	44.40	ug/l	99
38) Carbon Tetrachloride	5.76	117	191118	47.76	ug/l	100

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	204501	43.14	ug/l	99
40) Benzene	6.12	78	557828	48.43	ug/l	98
41) Methacrylonitrile	5.01	41	117292	47.60	ug/l	97
42) 1,2-Dichloroethane	6.17	62	194350	46.84	ug/l	99
43) Isopropyl Acetate	6.42	43	331390	45.52	ug/l	98
44) Trichloroethene	7.19	130	209242	51.13	ug/l	98
45) 1,2-Dichloropropane	7.49	63	143272	49.16	ug/l	100
46) Dibromomethane	7.64	93	95868	48.40	ug/l	99
47) Bromodichloromethane	7.88	83	200840	49.79	ug/l	99
48) Methyl methacrylate	7.75	41	161510	46.82	ug/l	95
49) 1,4-Dioxane	7.71	88	81678	987.25	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1088711	244.38	ug/l	98
52) Toluene	8.77	92	356379	49.64	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	228050	47.42	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	241012	47.97	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	143055	50.64	ug/l	99
56) Ethyl methacrylate	9.16	69	231028	50.11	ug/l	95
57) 1,3-Dichloropropane	9.35	76	246862	50.08	ug/l	100
59) 2-Hexanone	9.48	43	848959	242.66	ug/l	97
60) Dibromochloromethane	9.57	129	161129	51.79	ug/l	100
61) 1,2-Dibromoethane	9.65	107	152361	49.80	ug/l	99
64) Tetrachloroethene	9.32	164	200050	43.89	ug/l	97
65) Chlorobenzene	10.12	112	379533	48.82	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	146770	51.08	ug/l	98
67) Ethyl Benzene	10.24	91	671685	48.42	ug/l	100
68) m/p-Xylenes	10.34	106	515121	99.12	ug/l	99
69) o-Xylene	10.68	106	248197	49.68	ug/l	99
70) Styrene	10.70	104	417683	49.28	ug/l	100
71) Bromoform	10.84	173	125472	53.60	ug/l #	99
73) Isopropylbenzene	11.01	105	662259	45.27	ug/l	99
74) N-amyl acetate	10.88	43	284860	41.74	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	175570	59.63	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	282517	61.89	ug/l	83
77) Bromobenzene	11.24	156	173762	46.01	ug/l	98
78) n-propylbenzene	11.35	91	759341	44.61	ug/l	99
79) 2-Chlorotoluene	11.40	91	460030	45.79	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	566651	45.87	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	85166	44.46	ug/l	97
82) 4-Chlorotoluene	11.49	91	544909	45.93	ug/l	100
83) tert-Butylbenzene	11.76	119	499049	46.88	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	575830	46.11	ug/l	100
85) sec-Butylbenzene	11.93	105	635290	44.20	ug/l	100
86) p-Isopropyltoluene	12.05	119	598346	44.84	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	307649	45.37	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	311909	45.32	ug/l	99
89) n-Butylbenzene	12.37	91	510933	41.91	ug/l	100
90) Hexachloroethane	12.58	117	106175	46.33	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	300172	45.97	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	55107	45.81	ug/l	98
93) 1,2,4-Trichlorobenzene	13.63	180	212564	43.97	ug/l	96

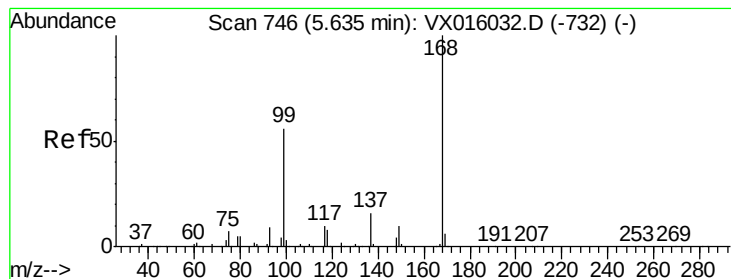
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051420\
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Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	79334	38.24	ug/l	97
95) Naphthalene	13.82	128	726562	46.42	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	209765	44.40	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX016242.D

Acq: 14 May 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

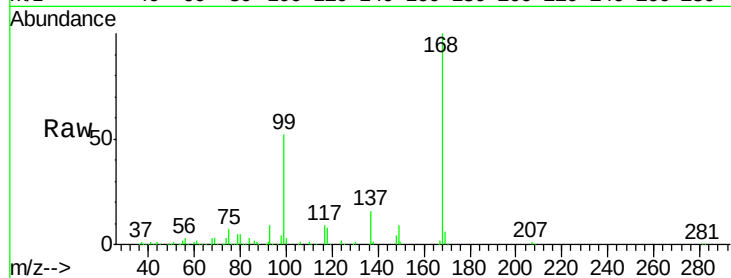
SS052MW098-200513MSD

Tgt Ion:168 Resp: 244542

Ion Ratio Lower Upper

168 100

99 52.0 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

80000

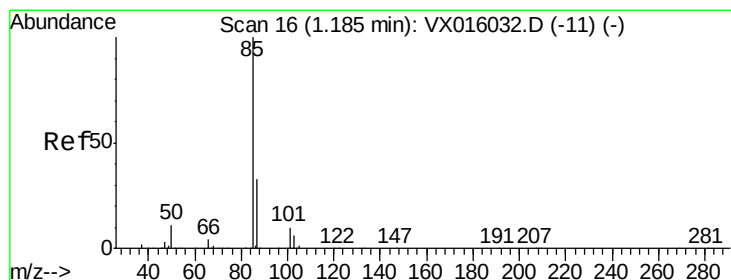
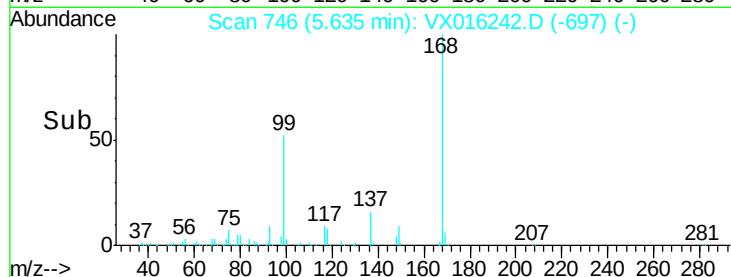
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 48.71 ug/l

RT: 1.18 min Scan# 15

Delta R.T. -0.01 min

Lab File: VX016242.D

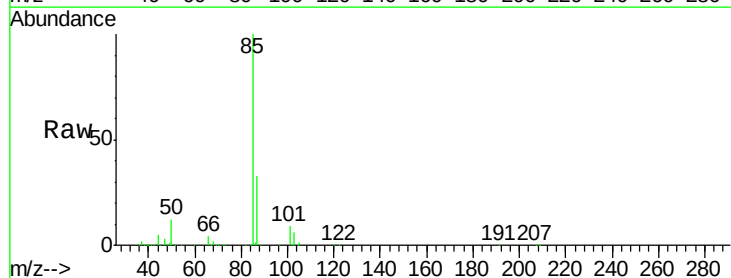
Acq: 14 May 2020 19:25

Tgt Ion: 85 Resp: 126083

Ion Ratio Lower Upper

85 100

87 33.3 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

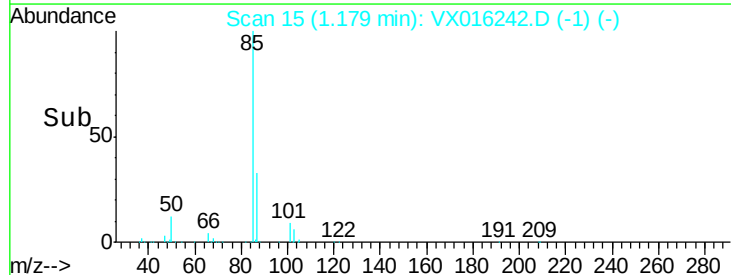
150000

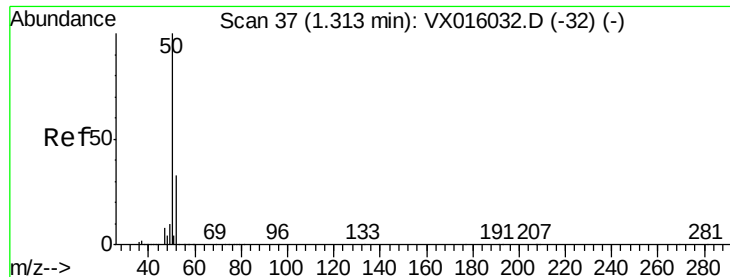
100000

50000

0

Time-->





#3

Chloromethane

Concen: 46.84 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016242.D

Acq: 14 May 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

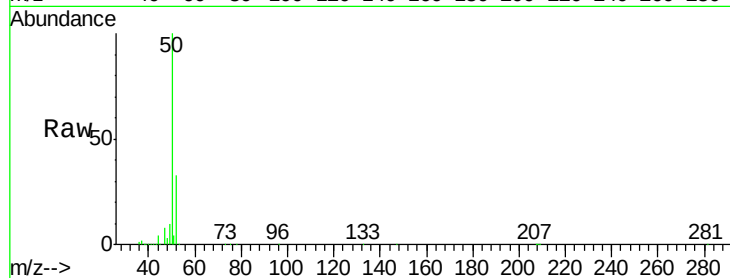
SS052MW098-200513MSD

Tgt Ion: 50 Resp: 140789

Ion Ratio Lower Upper

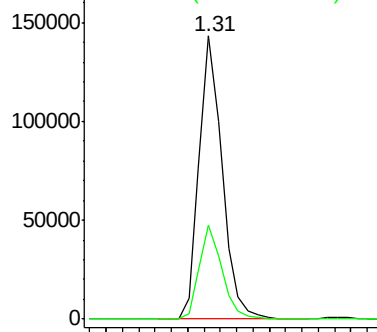
50 100

52 33.2 26.1 39.1

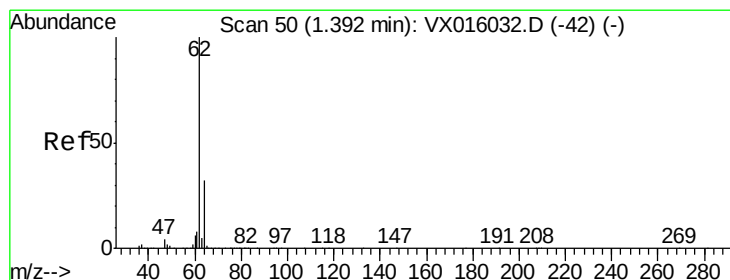
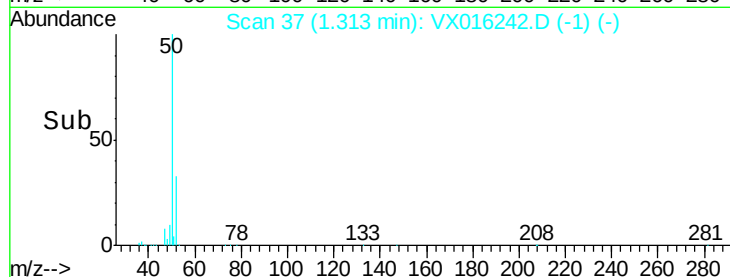


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#4

Vinyl Chloride

Concen: 47.11 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016242.D

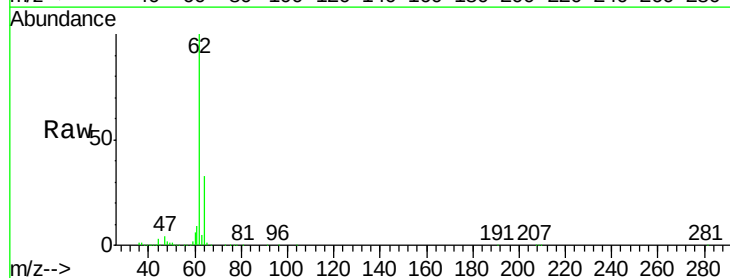
Acq: 14 May 2020 19:25

Tgt Ion: 62 Resp: 151093

Ion Ratio Lower Upper

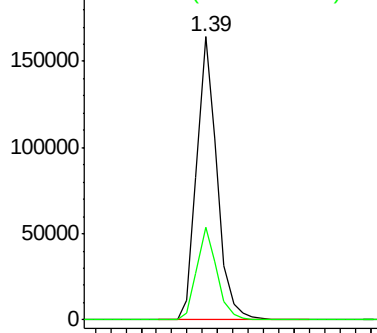
62 100

64 32.5 25.7 38.5

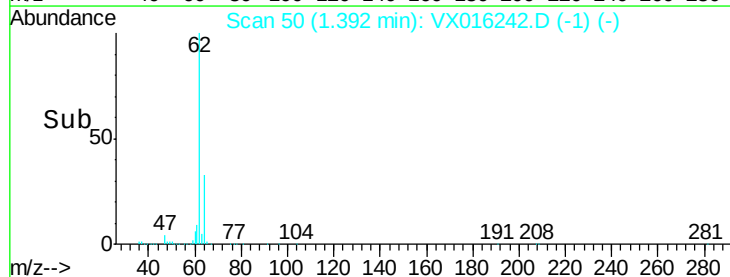


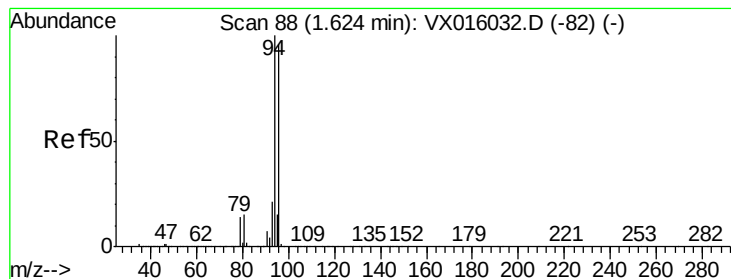
Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time-->





#5

Bromomethane

Concen: 42.90 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016242.D

Acq: 14 May 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

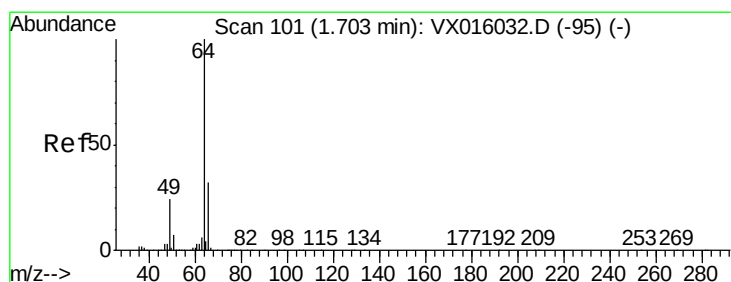
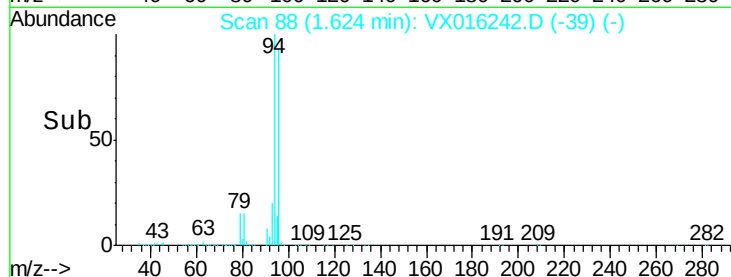
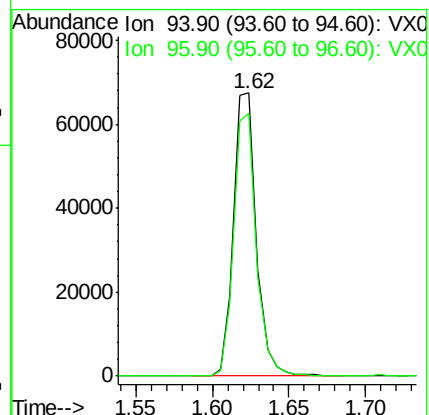
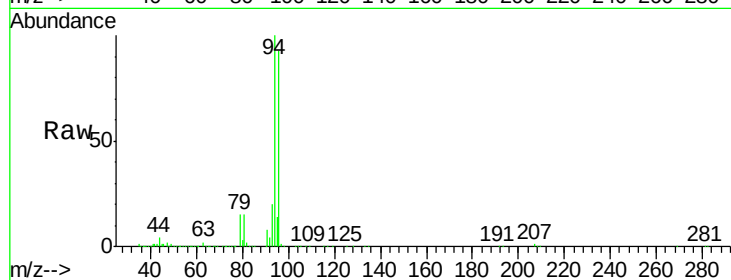
SS052MW098-200513MSD

Tgt Ion: 94 Resp: 69363

Ion Ratio Lower Upper

94 100

96 92.8 76.9 115.3



#6

Chloroethane

Concen: 47.09 ug/l

RT: 1.70 min Scan# 100

Delta R.T. -0.01 min

Lab File: VX016242.D

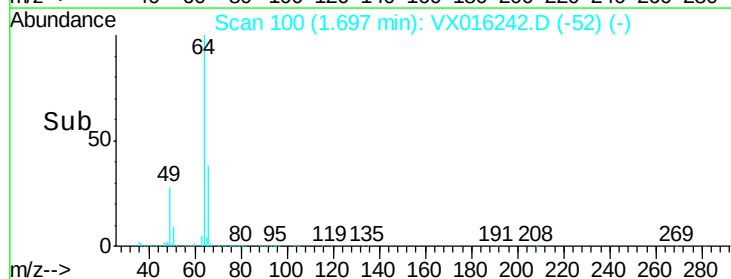
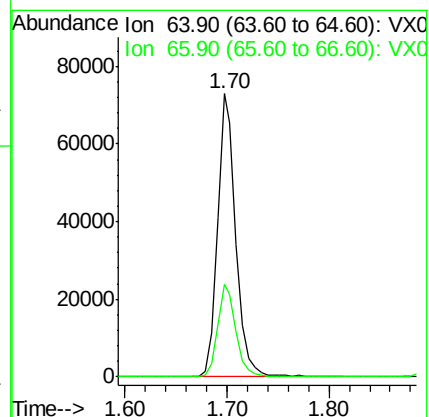
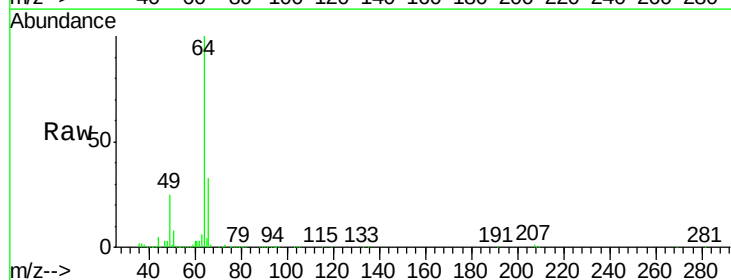
Acq: 14 May 2020 19:25

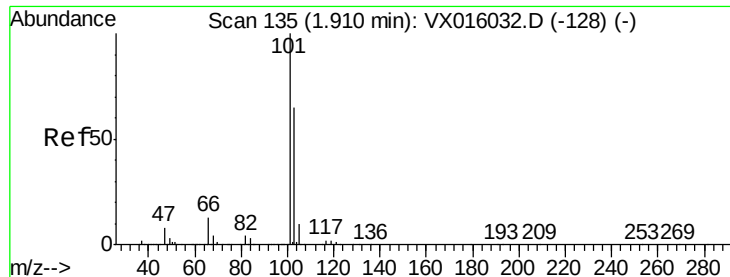
Tgt Ion: 64 Resp: 91892

Ion Ratio Lower Upper

64 100

66 32.7 25.2 37.8





#7

Trichlorofluoromethane

Concen: 46.78 ug/l

RT: 1.91 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX016242.D

Acq: 14 May 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

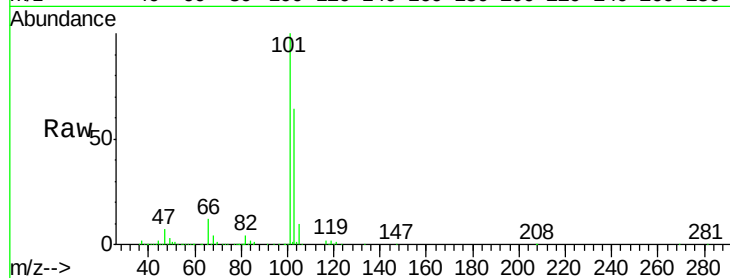
SS052MW098-200513MSD

Tgt Ion:101 Resp: 196948

Ion Ratio Lower Upper

101 100

103 64.3 51.8 77.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

1.91

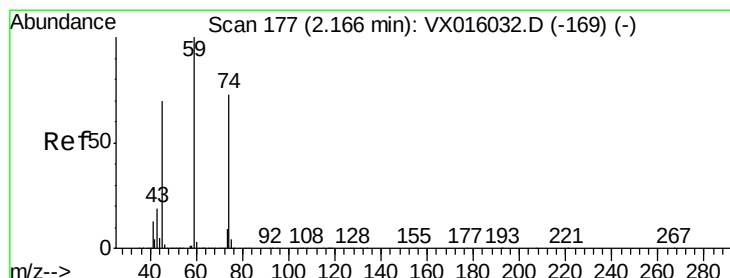
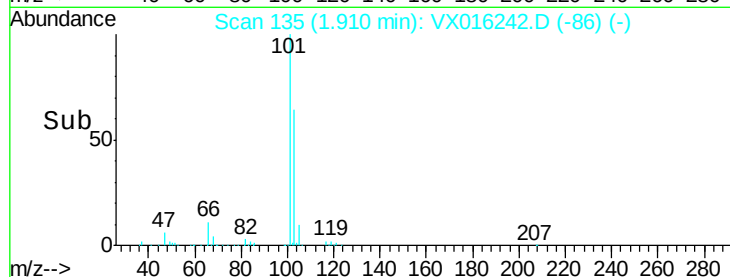
150000

100000

50000

0

Time--> 1.80 1.90 2.00



#8

Diethyl Ether

Concen: 46.22 ug/l

RT: 2.17 min Scan# 177

Delta R.T. -0.00 min

Lab File: VX016242.D

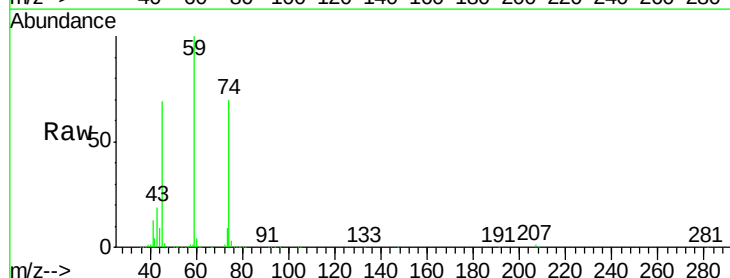
Acq: 14 May 2020 19:25

Tgt Ion: 74 Resp: 81991

Ion Ratio Lower Upper

74 100

45 93.0 47.3 142.0



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

2.17

60000

50000

40000

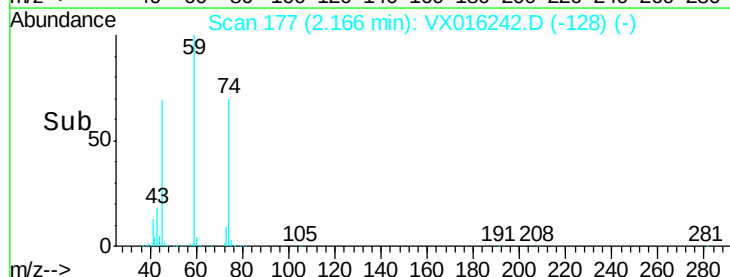
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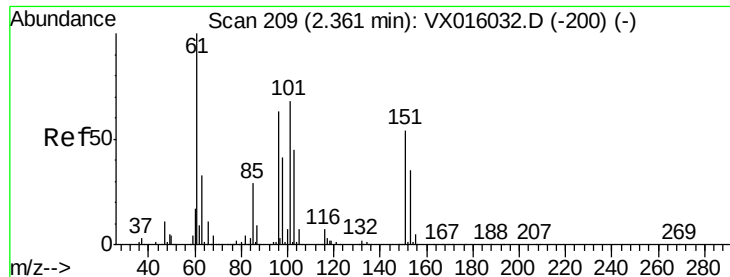
20000

10000

0

Time--> 2.10 2.20 2.30





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.05 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016242.D

Acq: 14 May 2020 19:25

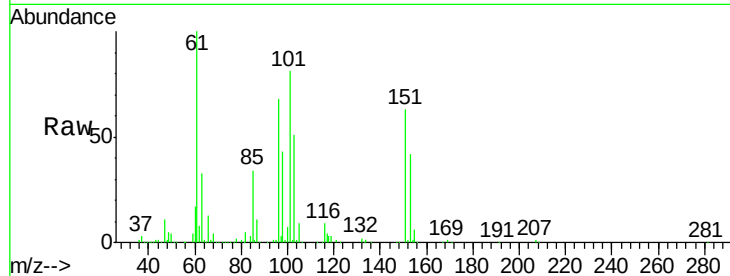
Instrument :

MSVOA_X

ClientSampleId :

SS052MW098-200513MSD

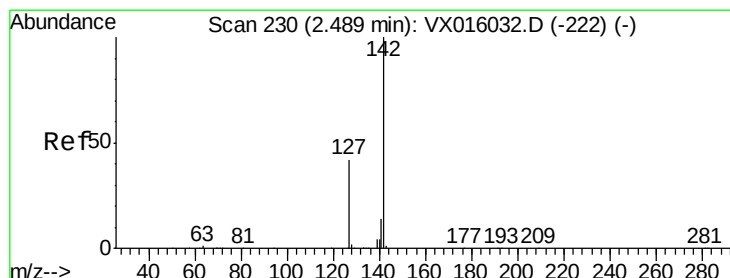
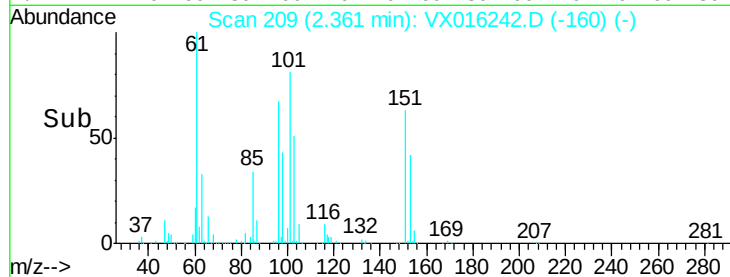
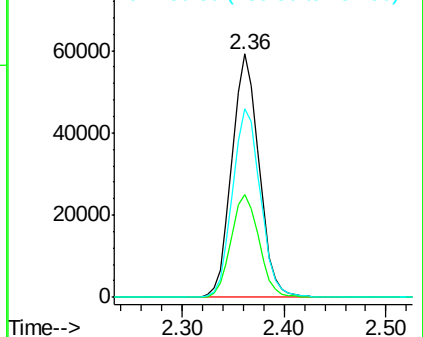
Tgt Ion:	101	Resp:	109426
Ion Ratio	Lower	Upper	
101	100		
85	43.2	34.2	51.4
151	79.3	62.1	93.1



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: 36.88 ug/l

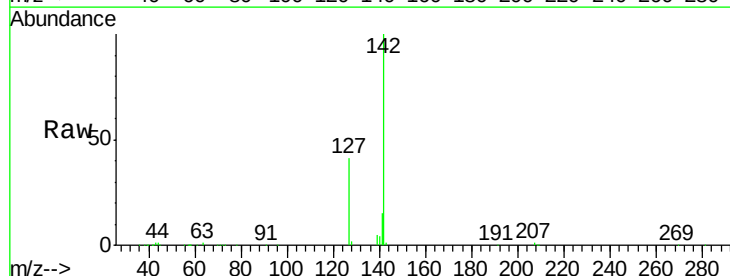
RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016242.D

Acq: 14 May 2020 19:25

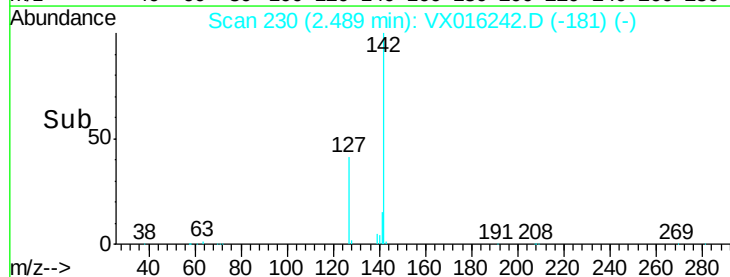
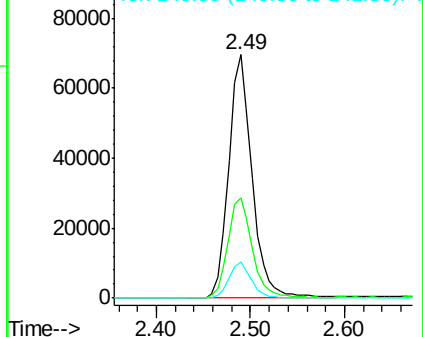
Tgt Ion:	142	Resp:	120353
Ion Ratio	Lower	Upper	
142	100		
127	42.9	34.6	52.0
141	14.3	11.3	16.9

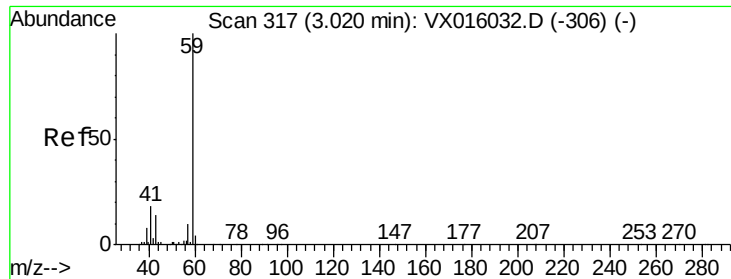


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

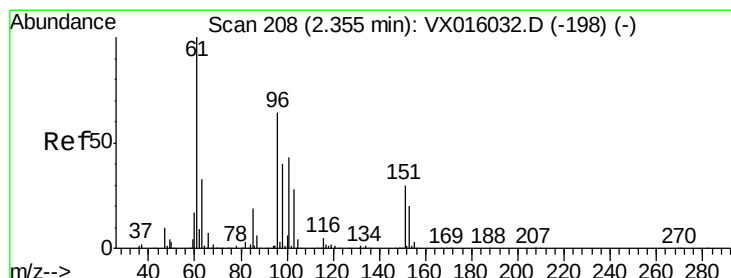
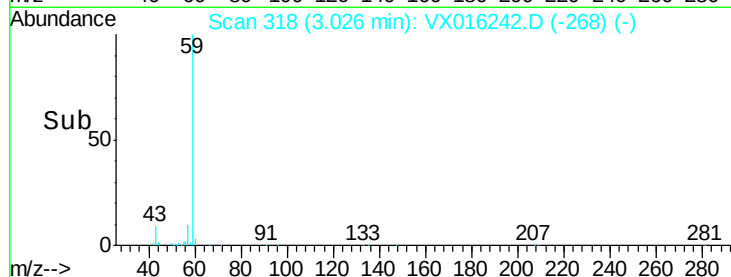
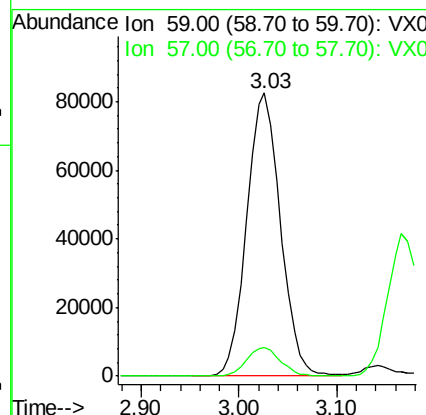
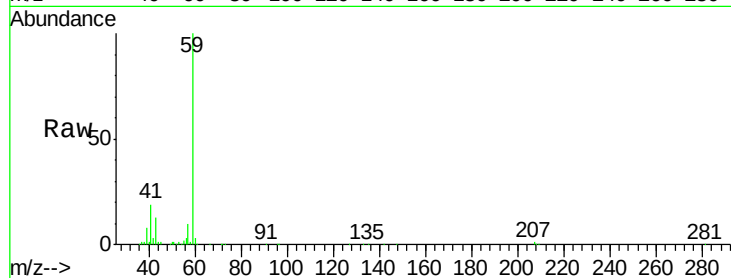




#11
Tert butyl alcohol
Concen: 242.68 ug/l
RT: 3.03 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX016242.D
Acq: 14 May 2020 19:25

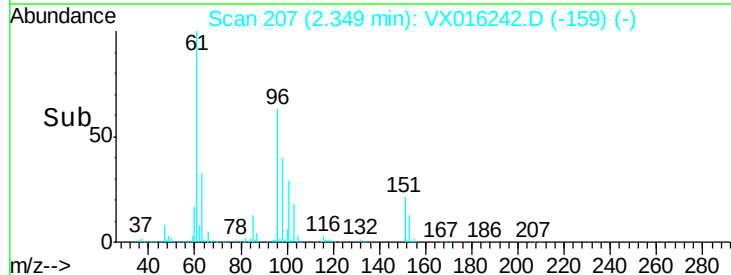
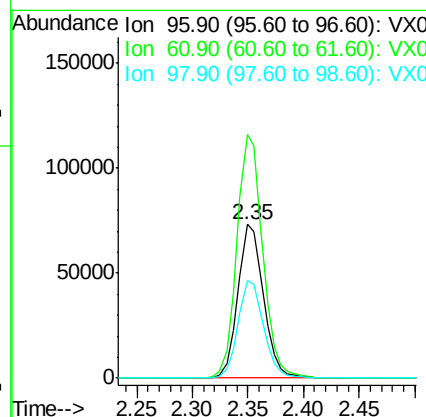
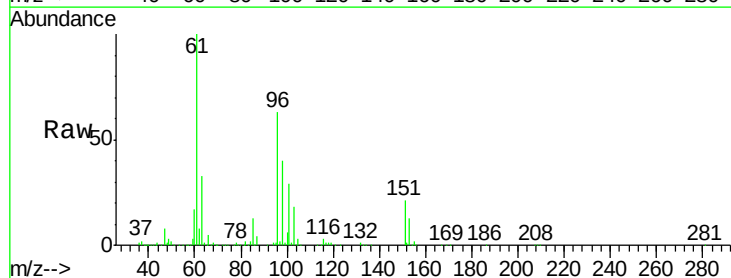
Instrument :
MSVOA_X
ClientSampleId :
SS052MW098-200513MSD

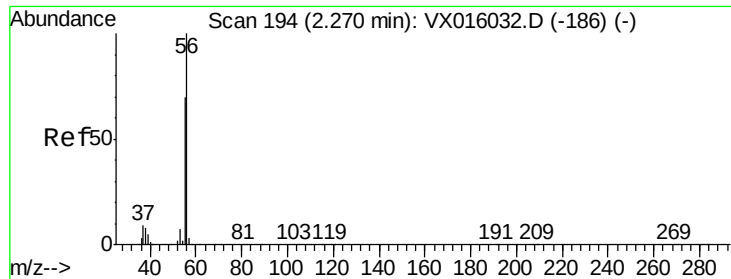
Tgt Ion: 59 Resp: 197475
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.4



#12
1,1-Dichloroethene
Concen: 45.66 ug/l
RT: 2.35 min Scan# 207
Delta R.T. -0.01 min
Lab File: VX016242.D
Acq: 14 May 2020 19:25

Tgt Ion: 96 Resp: 116077
Ion Ratio Lower Upper
96 100
61 158.6 124.8 187.2
98 63.2 49.7 74.5

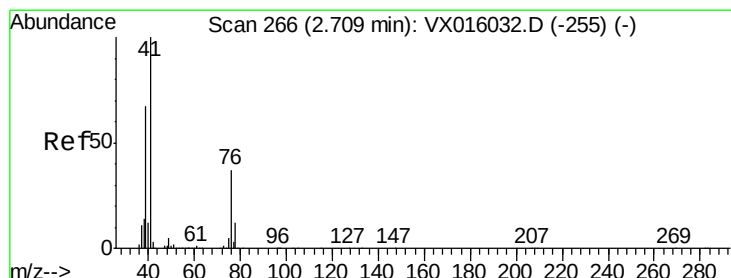
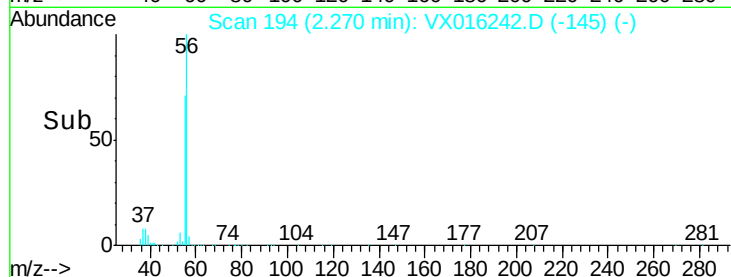
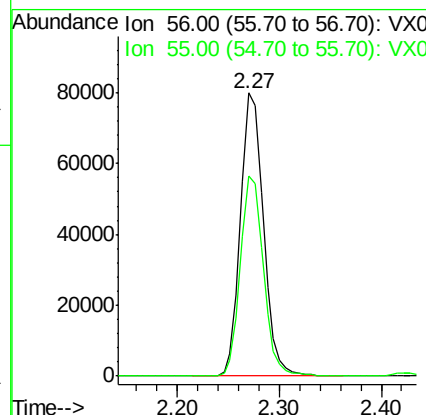
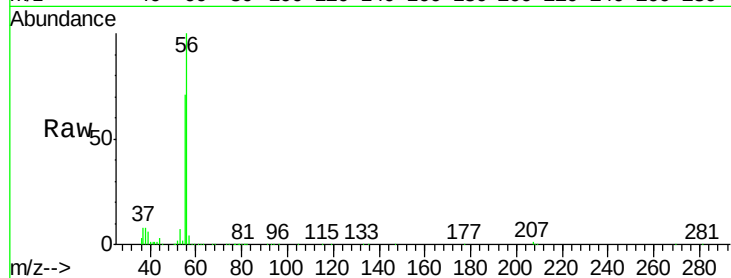




#13
 Acrolein
 Concen: 243.34 ug/l
 RT: 2.27 min Scan# 194
 Delta R.T. -0.00 min
 Lab File: VX016242.D
 Acq: 14 May 2020 19:25

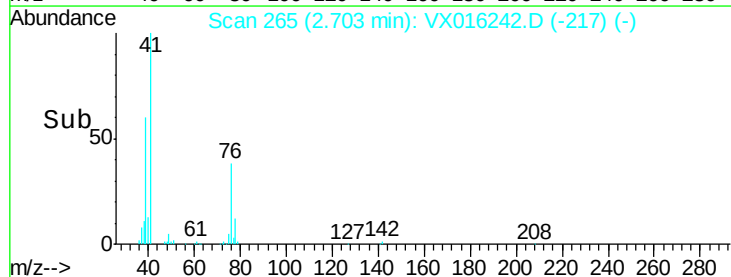
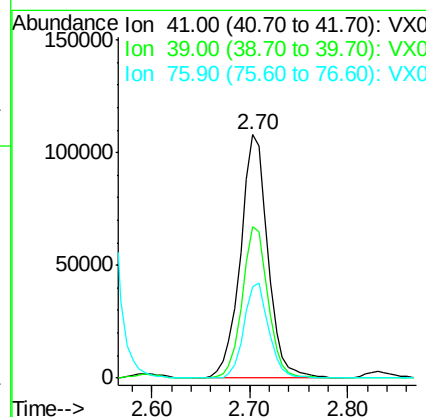
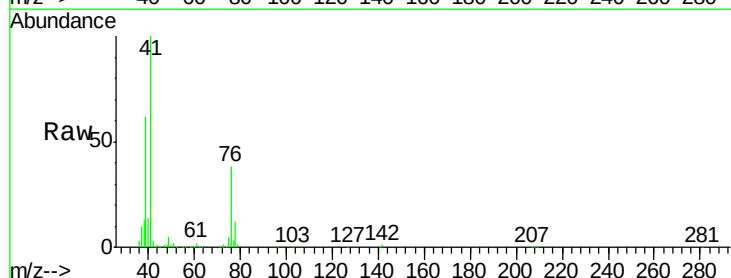
Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW098-200513MSD

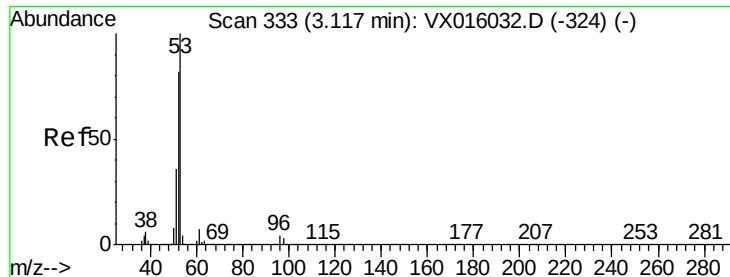
Tgt Ion: 56 Resp: 123911
 Ion Ratio Lower Upper
 56 100
 55 70.9 56.5 84.7



#14
 Allyl chloride
 Concen: 45.01 ug/l
 RT: 2.70 min Scan# 265
 Delta R.T. -0.01 min
 Lab File: VX016242.D
 Acq: 14 May 2020 19:25

Tgt Ion: 41 Resp: 209773
 Ion Ratio Lower Upper
 41 100
 39 58.6 50.5 75.7
 76 35.2 26.6 40.0





#15

Acrylonitrile

Concen: 243.54 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016242.D

Acq: 14 May 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

SS052MW098-200513MSD

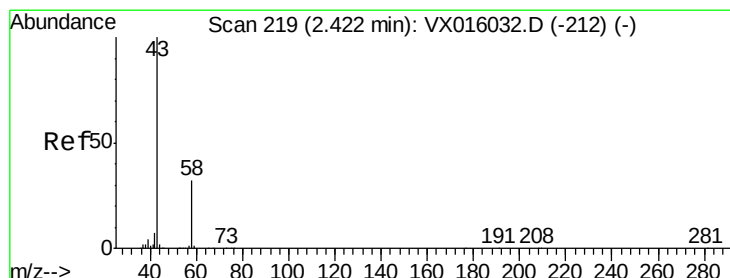
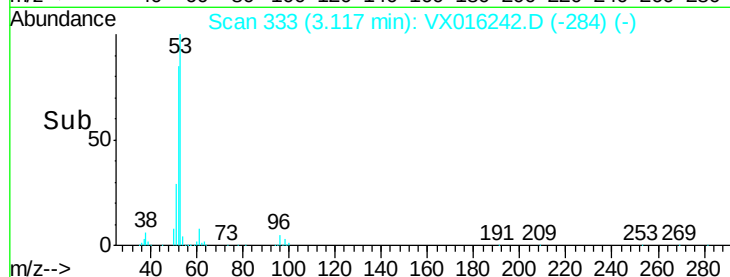
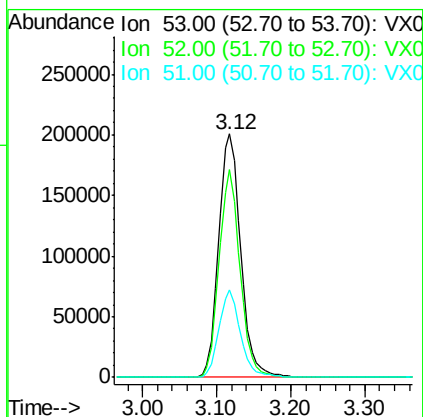
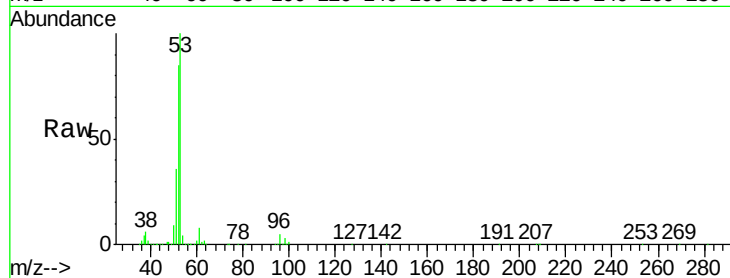
Tgt Ion: 53 Resp: 411120

Ion Ratio Lower Upper

53 100

52 81.2 66.1 99.1

51 34.9 28.8 43.2



#16

Acetone

Concen: 225.85 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX016242.D

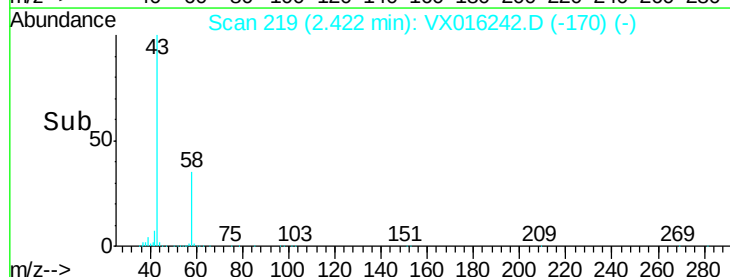
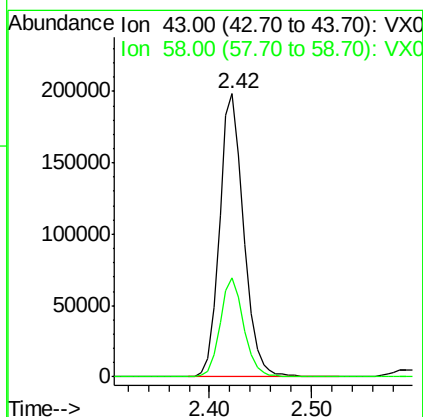
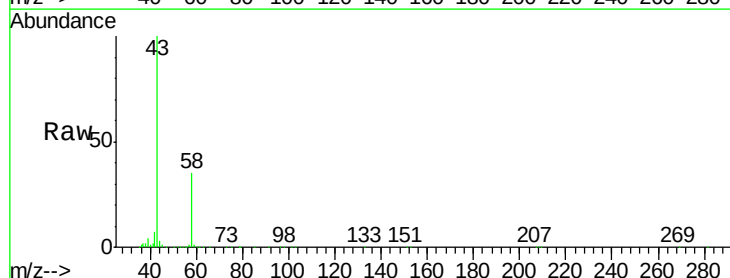
Acq: 14 May 2020 19:25

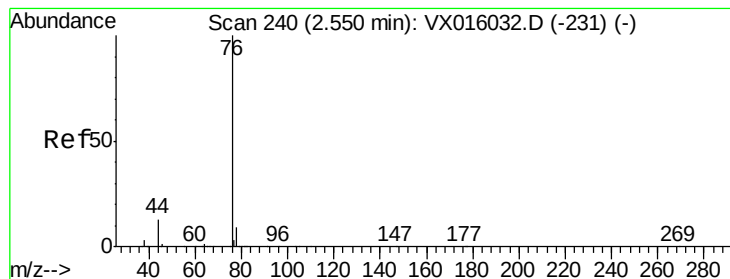
Tgt Ion: 43 Resp: 324281

Ion Ratio Lower Upper

43 100

58 34.8 25.4 38.0





#17

Carbon Disulfide

Concen: 43.60 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016242.D

Acq: 14 May 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

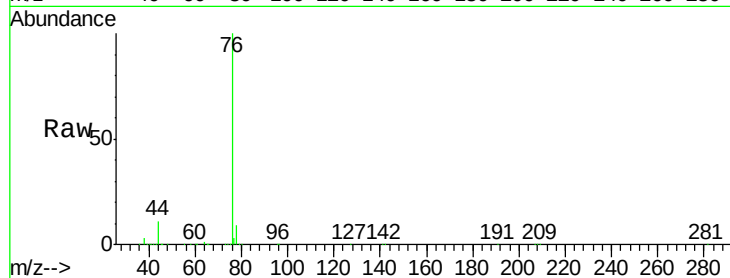
SS052MW098-200513MSD

Tgt Ion: 76 Resp: 333056

Ion Ratio Lower Upper

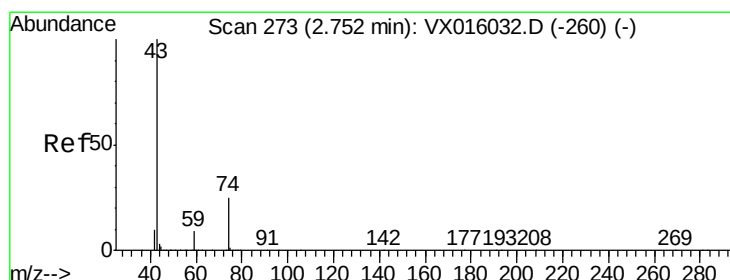
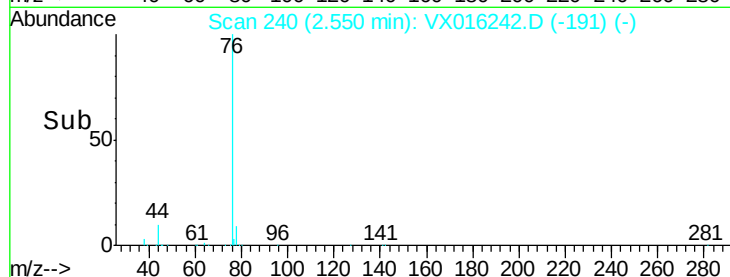
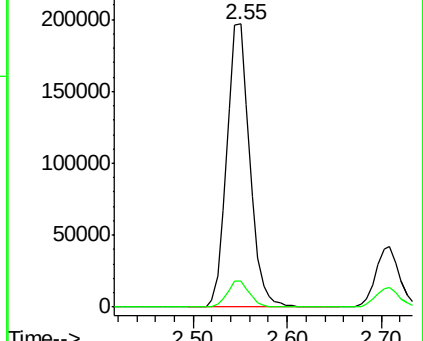
76 100

78 9.2 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 47.60 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX016242.D

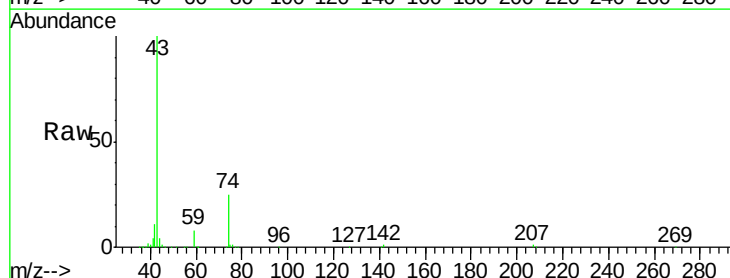
Acq: 14 May 2020 19:25

Tgt Ion: 43 Resp: 168030

Ion Ratio Lower Upper

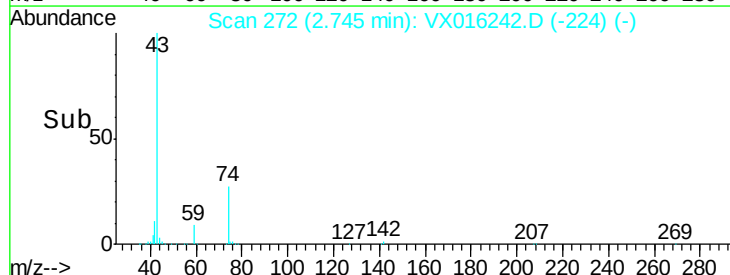
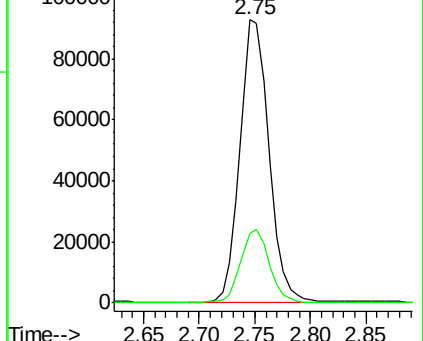
43 100

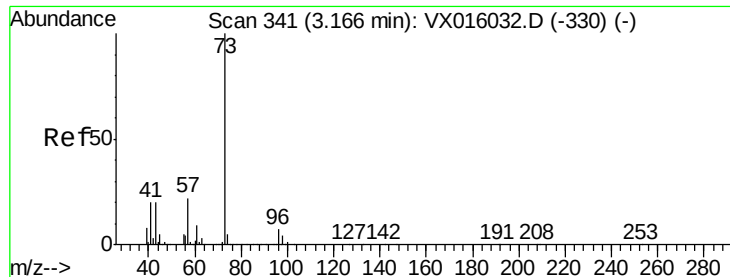
74 26.3 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 50.36 ug/l

RT: 3.17 min Scan# 341

Delta R.T. -0.00 min

Lab File: VX016242.D

Acq: 14 May 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

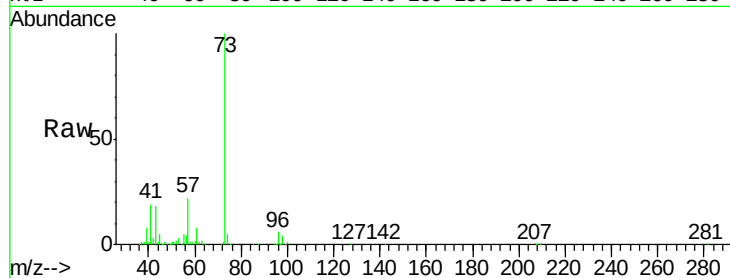
SS052MW098-200513MSD

Tgt Ion: 73 Resp: 441347

Ion Ratio Lower Upper

73 100

57 21.9 17.8 26.6



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.17

200000

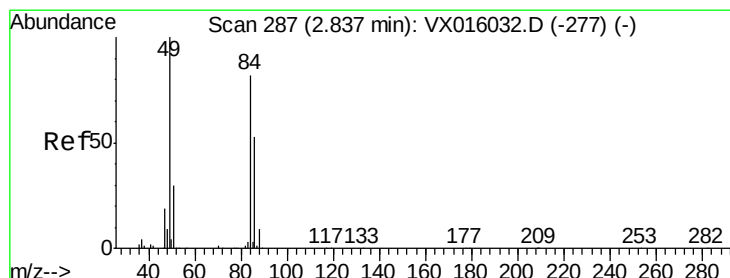
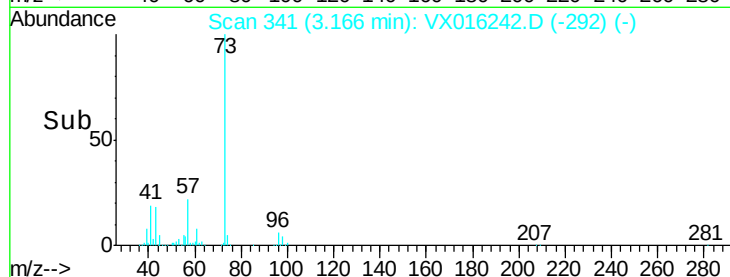
150000

100000

50000

0

Time--> 3.00 3.10 3.20 3.30



#20

Methylene Chloride

Concen: 46.66 ug/l

RT: 2.83 min Scan# 286

Delta R.T. -0.01 min

Lab File: VX016242.D

Acq: 14 May 2020 19:25

Tgt Ion: 84 Resp: 138111

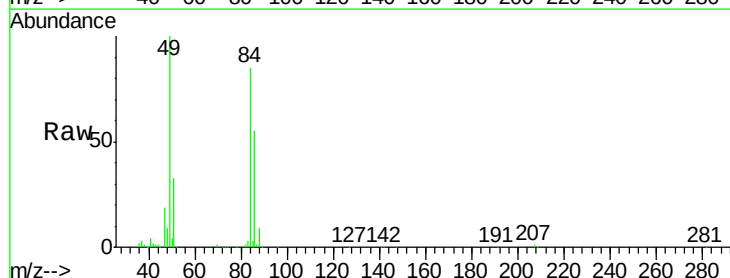
Ion Ratio Lower Upper

84 100

49 117.7 97.3 145.9

51 38.5 29.3 43.9

86 64.8 51.3 76.9



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

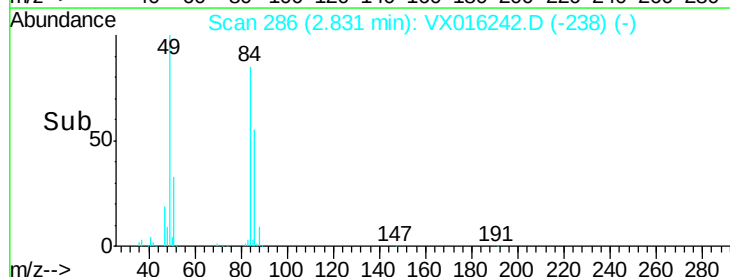
Ion 85.90 (85.60 to 86.60): VX0

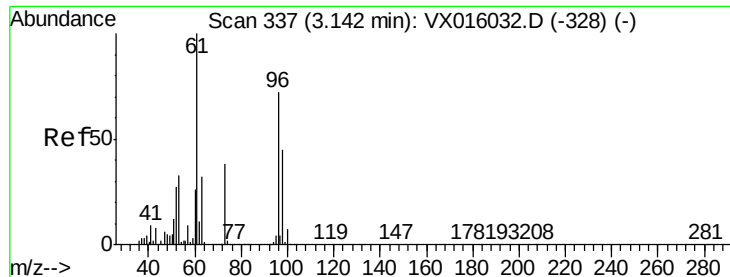
100000

50000

0

Time--> 2.80 2.90





#21

trans-1,2-Dichloroethene

Concen: 46.98 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016242.D

Acq: 14 May 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

SS052MW098-200513MSD

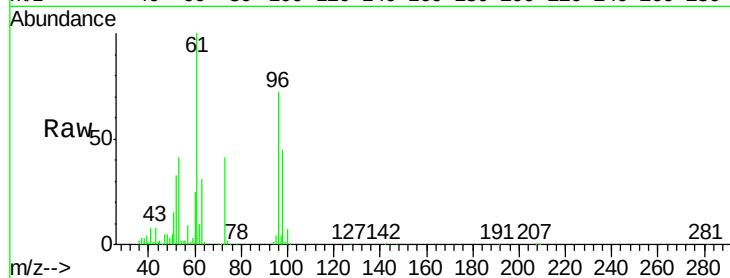
Tgt Ion: 96 Resp: 133090

Ion Ratio Lower Upper

96 100

61 139.2 111.2 166.8

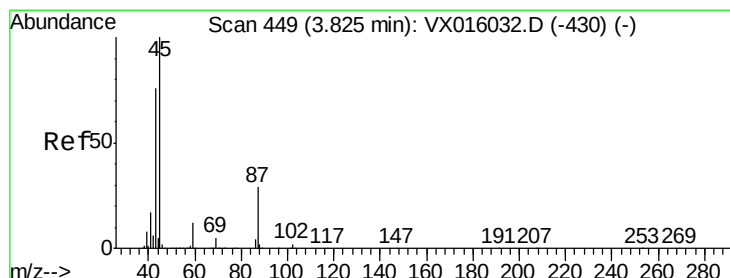
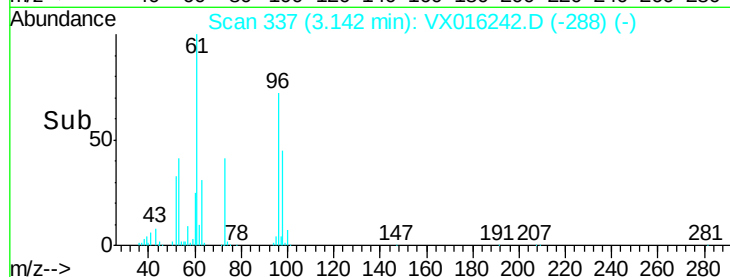
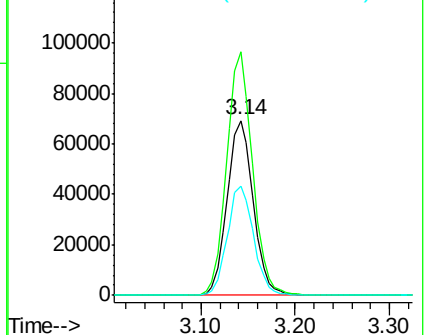
98 62.8 50.2 75.4



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



#22

Diisopropyl ether

Concen: 47.86 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016242.D

Acq: 14 May 2020 19:25

Tgt Ion: 45 Resp: 420861

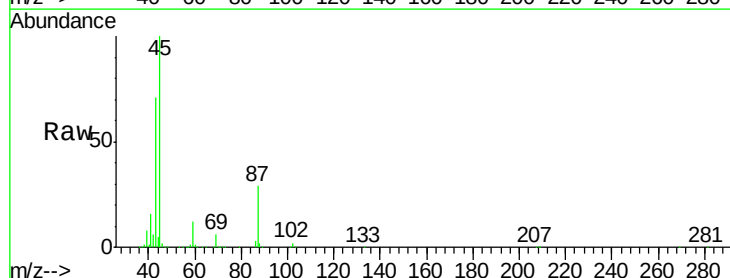
Ion Ratio Lower Upper

45 100

43 70.9 61.1 91.7

87 29.2 23.0 34.6

59 12.1 9.8 14.6

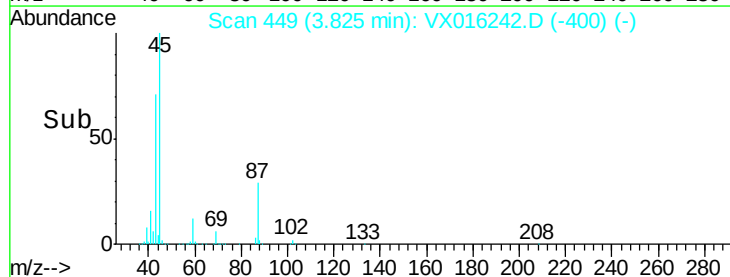
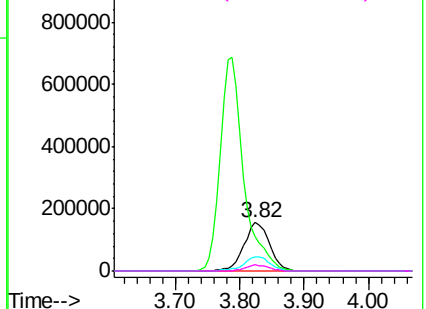


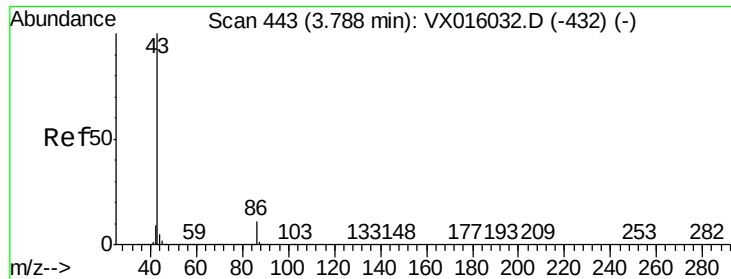
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 227.21 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016242.D

Acq: 14 May 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

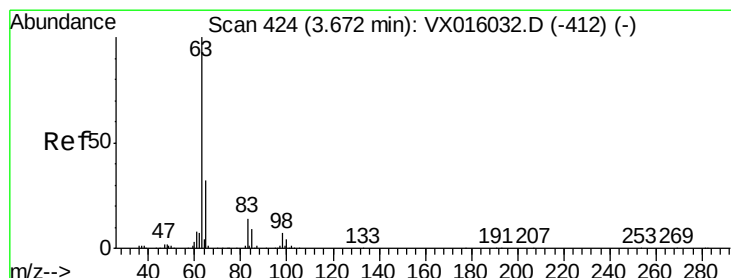
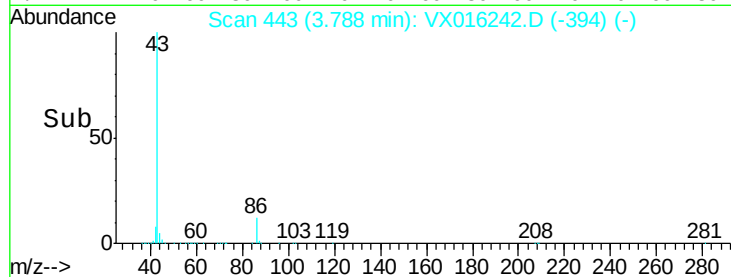
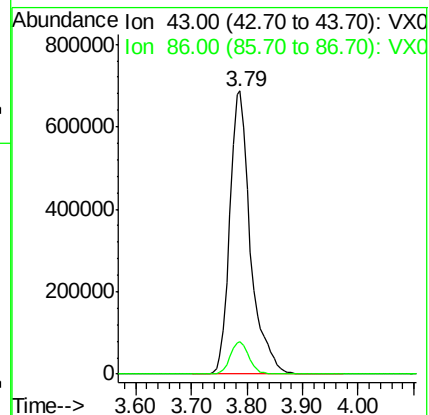
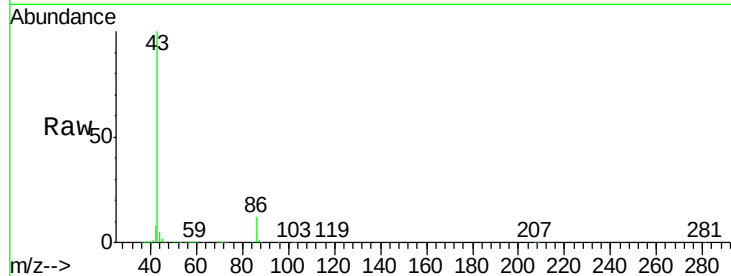
SS052MW098-200513MSD

Tgt Ion: 43 Resp: 1757701

Ion Ratio Lower Upper

43 100

86 11.7 9.0 13.4



#24

1,1-Dichloroethane

Concen: 49.39 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016242.D

Acq: 14 May 2020 19:25

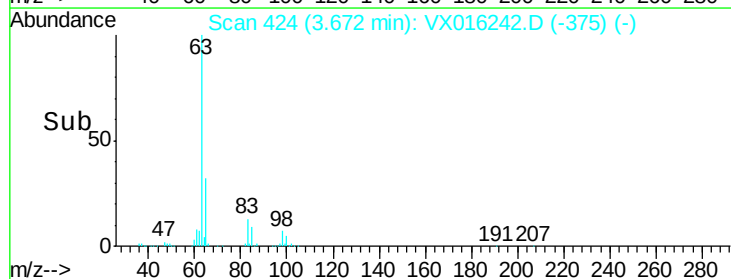
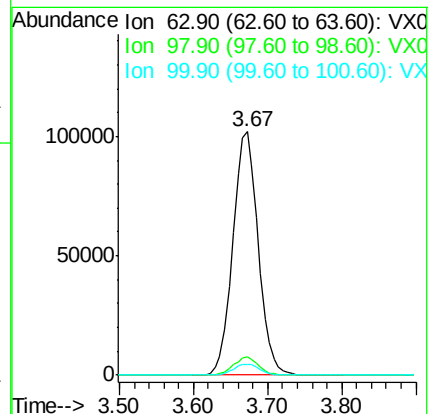
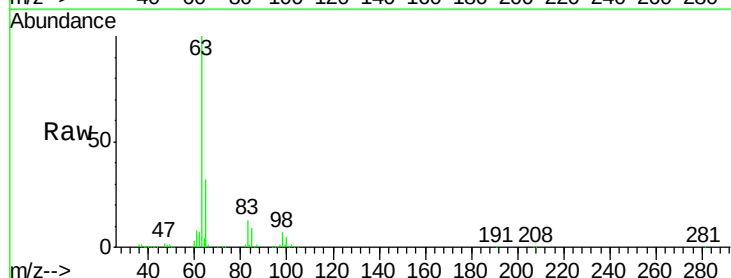
Tgt Ion: 63 Resp: 242943

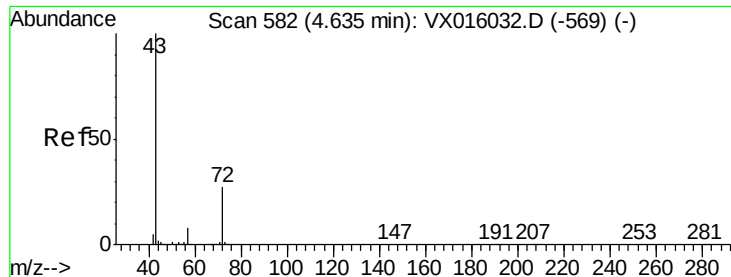
Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.5

100 4.6 2.1 6.5





#25

2-Butanone

Concen: 244.67 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016242.D

Acq: 14 May 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

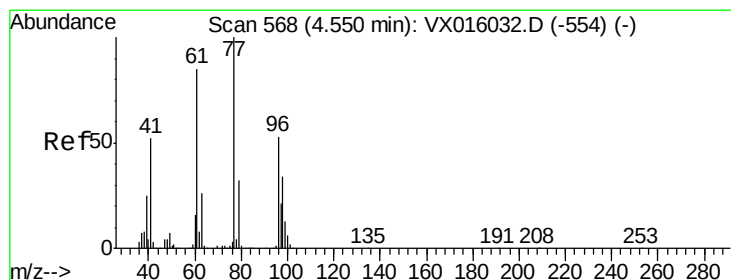
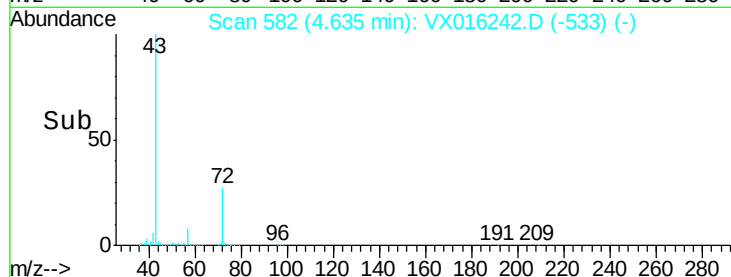
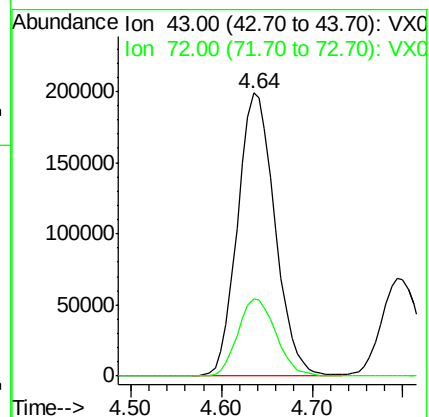
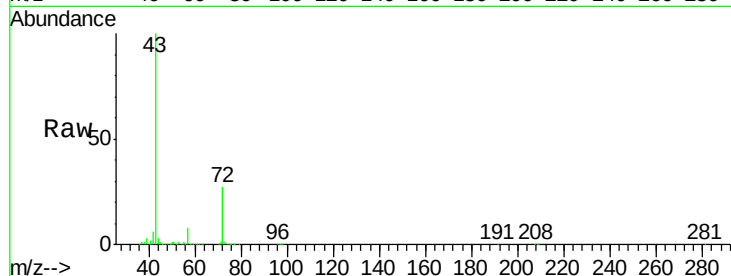
SS052MW098-200513MSD

Tgt Ion: 43 Resp: 566093

Ion Ratio Lower Upper

43 100

72 27.3 21.8 32.8



#26

2,2-Dichloropropane

Concen: 43.36 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016242.D

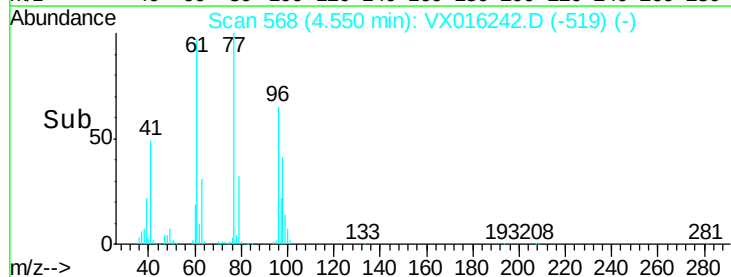
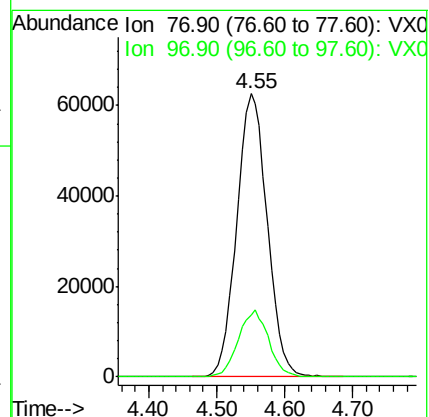
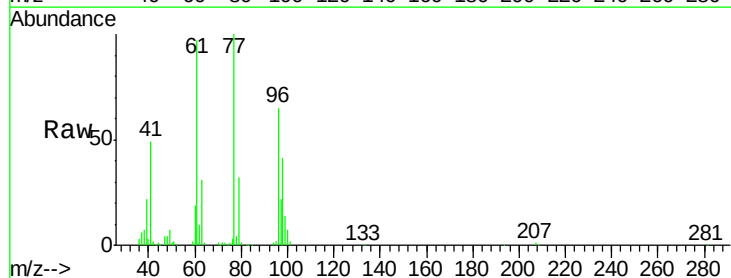
Acq: 14 May 2020 19:25

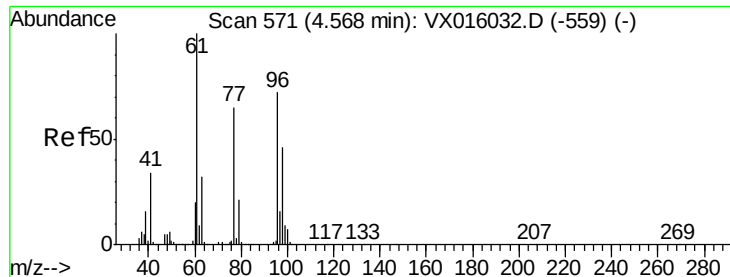
Tgt Ion: 77 Resp: 194760

Ion Ratio Lower Upper

77 100

97 23.3 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 51.97 ug/l

RT: 4.57 min Scan# 571

Delta R.T. -0.00 min

Lab File: VX016242.D

Acq: 14 May 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

SS052MW098-200513MSD

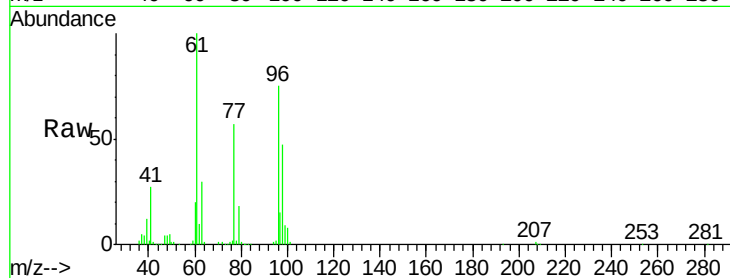
Tgt Ion: 96 Resp: 160962

Ion Ratio Lower Upper

96 100

61 140.8 0.0 296.2

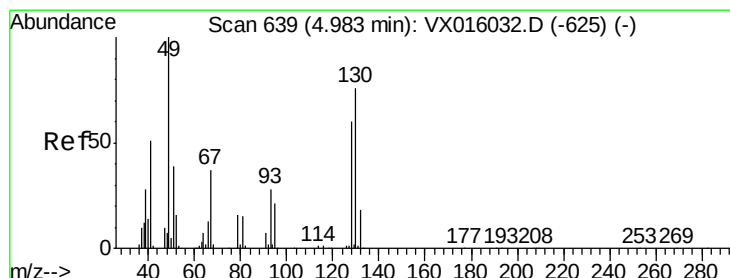
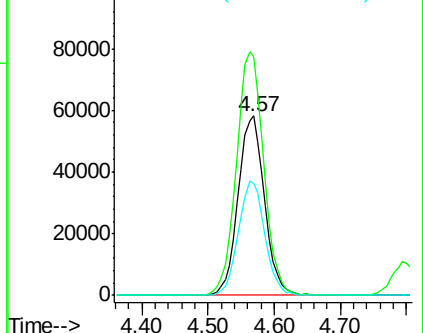
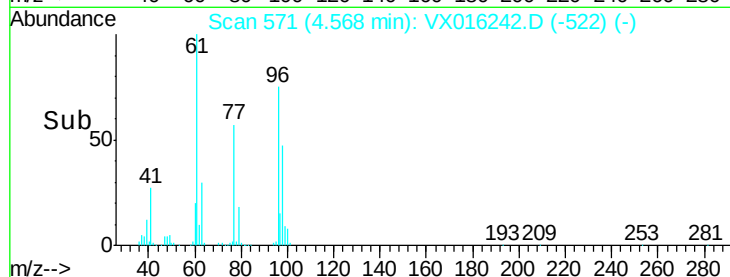
98 64.0 0.0 129.4



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: 49.75 ug/l

RT: 4.98 min Scan# 639

Delta R.T. -0.00 min

Lab File: VX016242.D

Acq: 14 May 2020 19:25

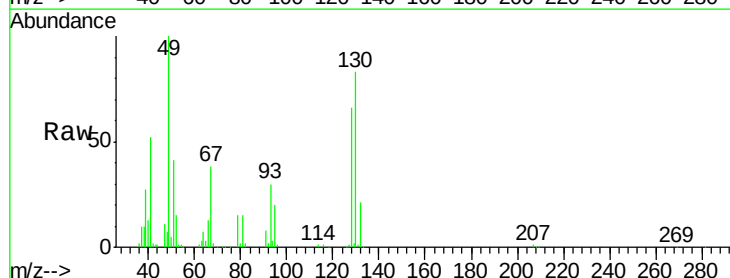
Tgt Ion: 49 Resp: 111576

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.0

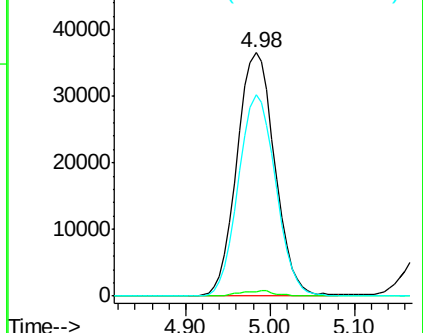
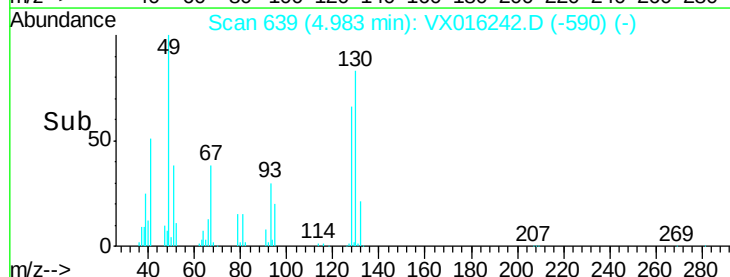
130 81.7 62.4 93.6

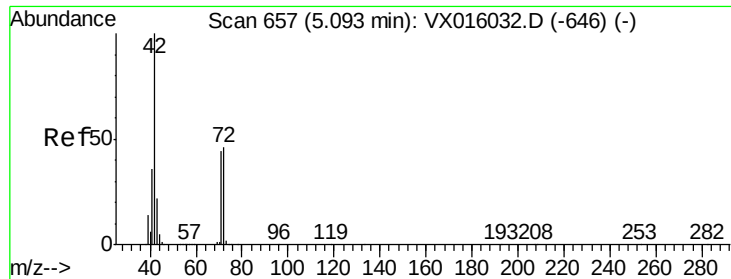


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

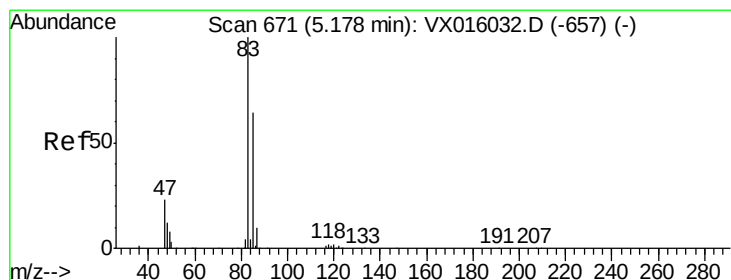
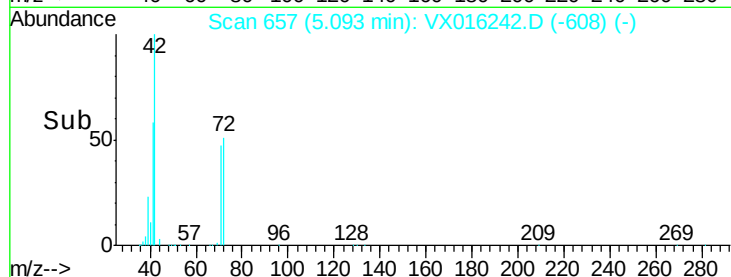
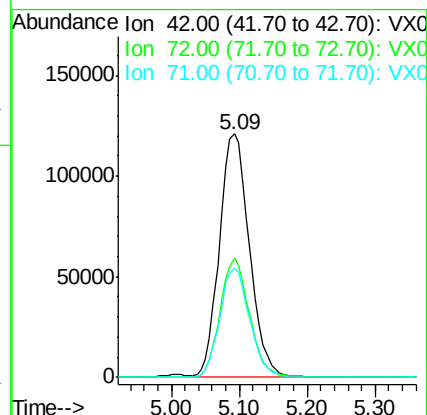
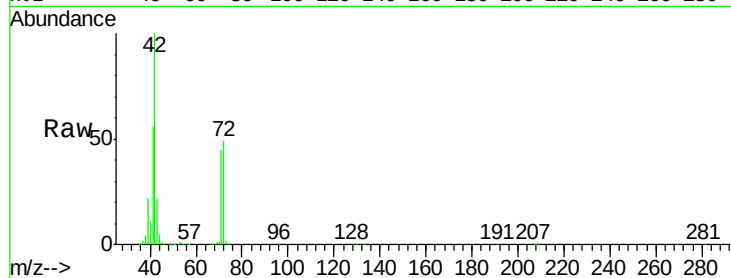




#29
Tetrahydrofuran
Concen: 241.17 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX016242.D
Acq: 14 May 2020 19:25

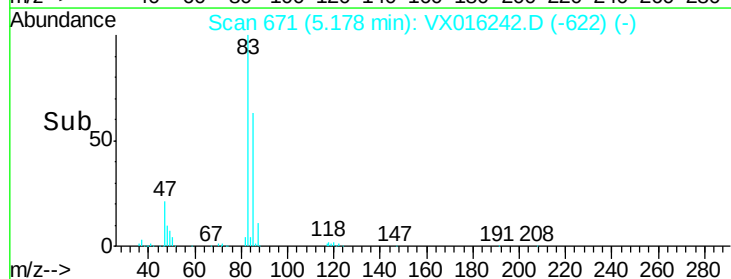
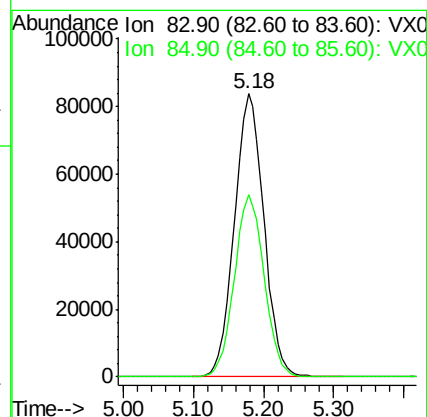
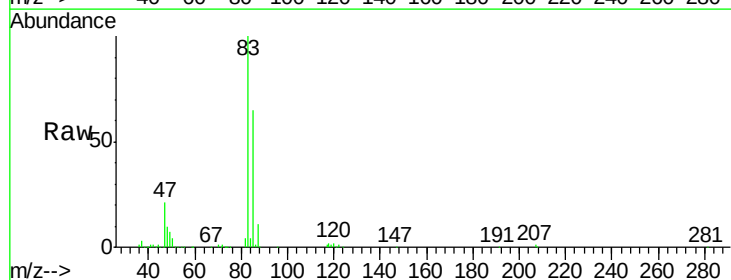
Instrument :
MSVOA_X
ClientSampleId :
SS052MW098-200513MSD

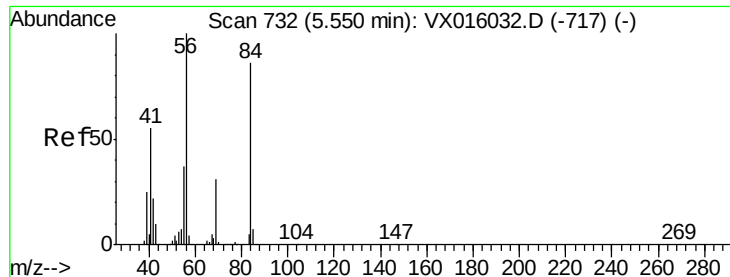
Tgt Ion: 42 Resp: 369726
Ion Ratio Lower Upper
42 100
72 48.1 37.1 55.7
71 44.7 34.5 51.7



#30
Chloroform
Concen: 50.10 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016242.D
Acq: 14 May 2020 19:25

Tgt Ion: 83 Resp: 245358
Ion Ratio Lower Upper
83 100
85 64.5 51.6 77.4

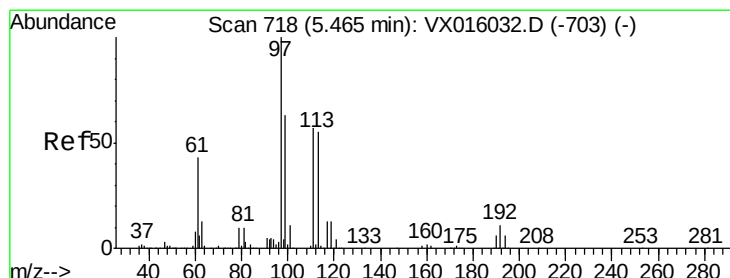
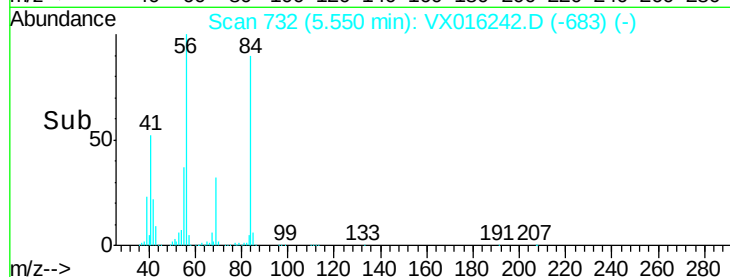
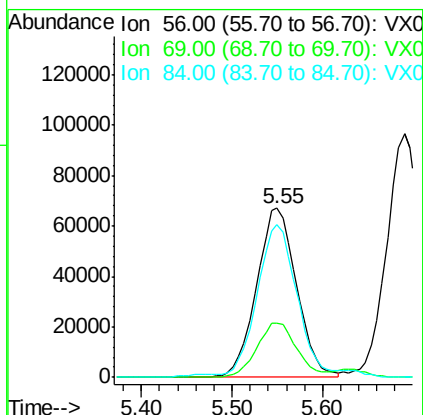
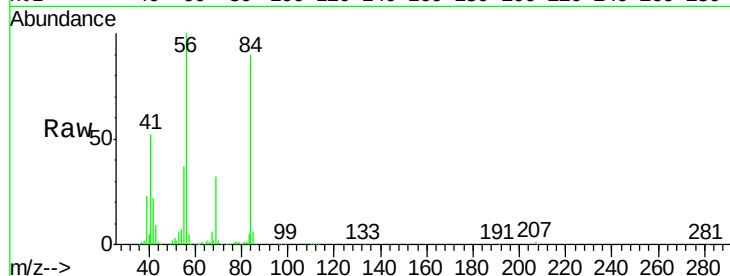




#31
Cyclohexane
Concen: 45.84 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016242.D
Acq: 14 May 2020 19:25

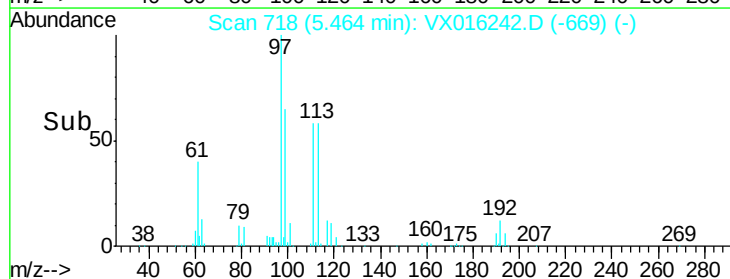
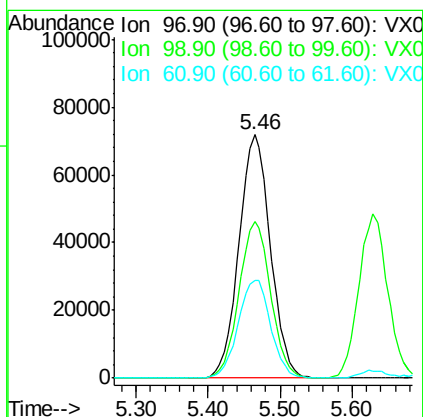
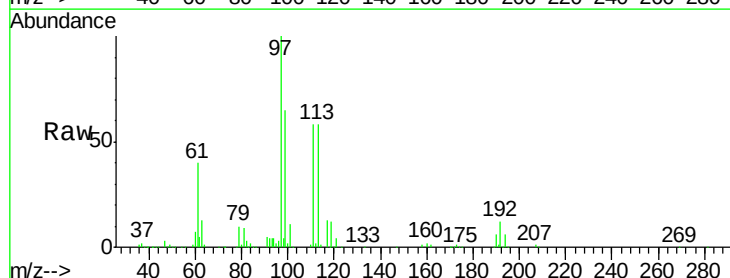
Instrument :
MSVOA_X
ClientSampleId :
SS052MW098-200513MSD

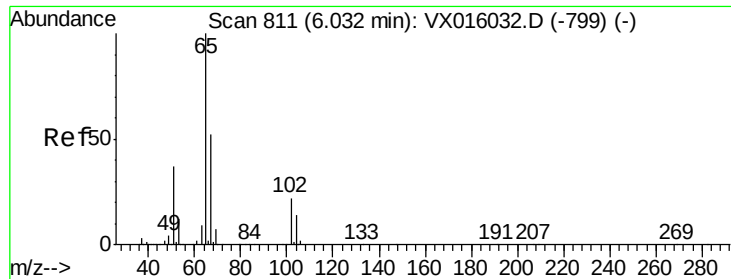
Tgt Ion: 56 Resp: 204912
Ion Ratio Lower Upper
56 100
69 31.8 25.0 37.6
84 89.0 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 48.93 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016242.D
Acq: 14 May 2020 19:25

Tgt Ion: 97 Resp: 217806
Ion Ratio Lower Upper
97 100
99 64.7 51.0 76.4
61 41.7 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 46.09 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016242.D

Acq: 14 May 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

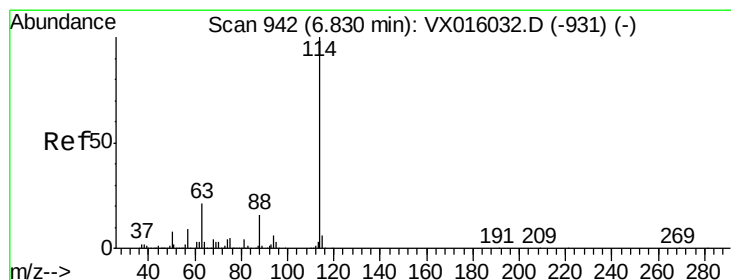
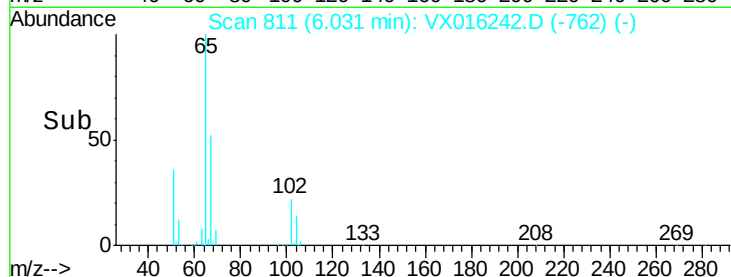
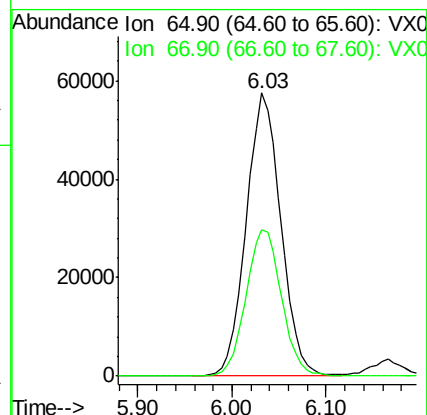
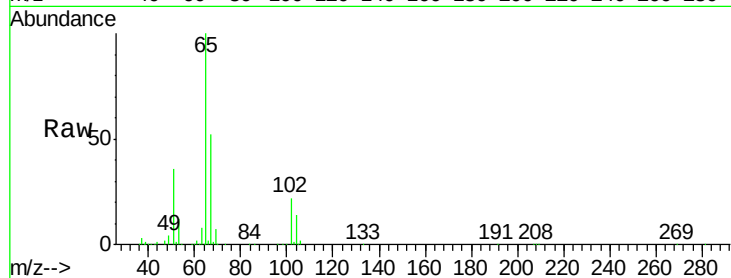
SS052MW098-200513MSD

Tgt Ion: 65 Resp: 148308

Ion Ratio Lower Upper

65 100

67 52.9 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016242.D

Acq: 14 May 2020 19:25

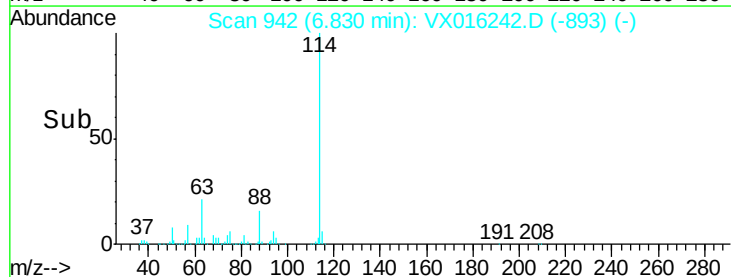
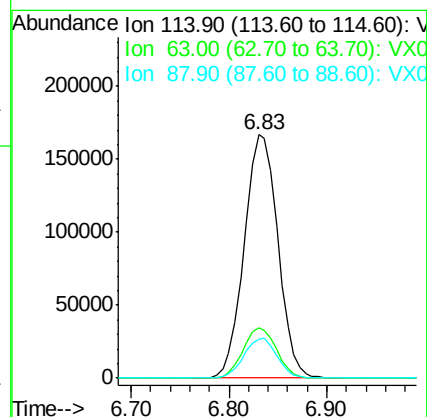
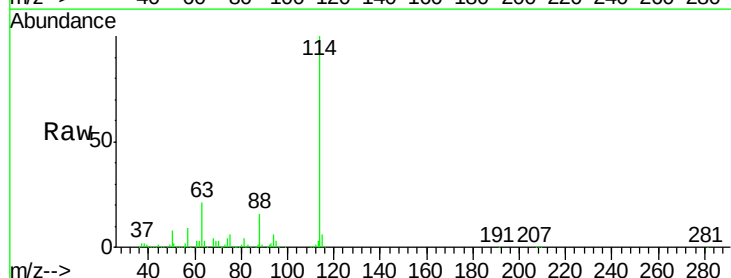
Tgt Ion: 114 Resp: 399921

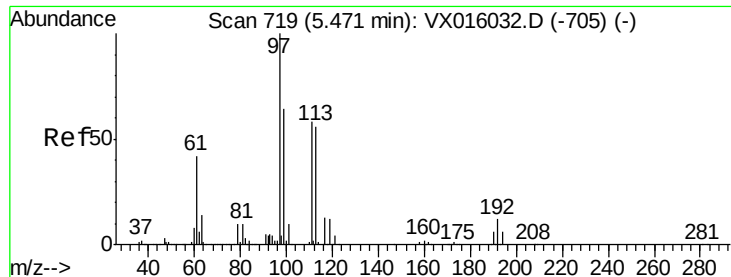
Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.8

88 16.0 0.0 31.4

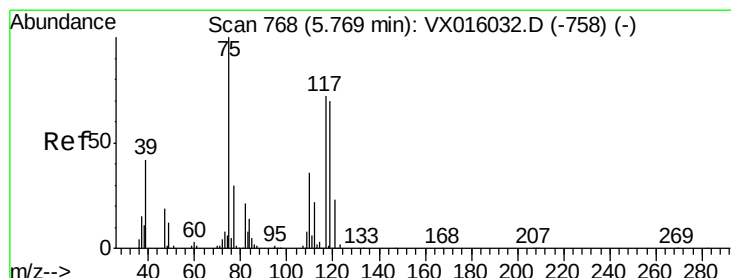
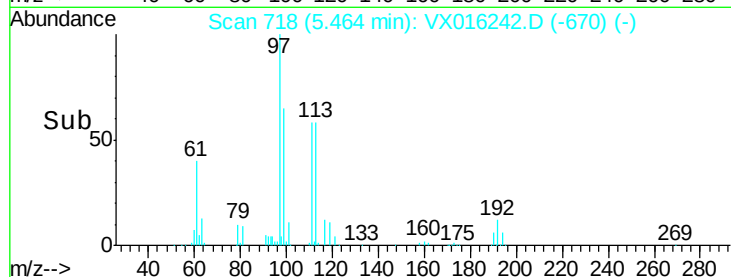
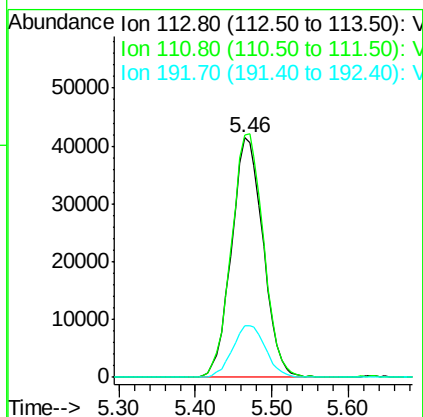
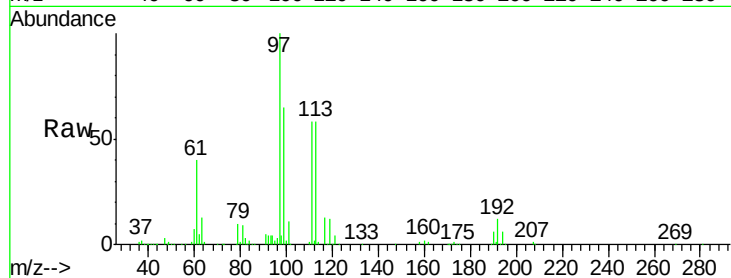




#35
 Dibromofluoromethane
 Concen: 46.85 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX016242.D
 Acq: 14 May 2020 19:25

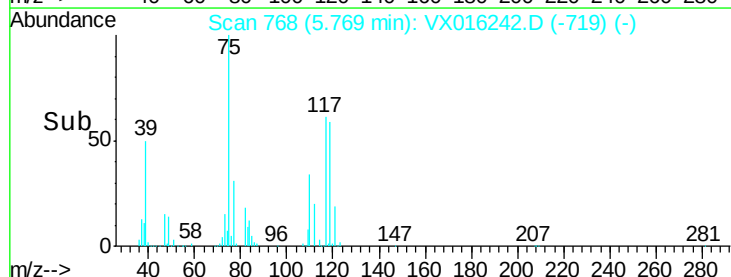
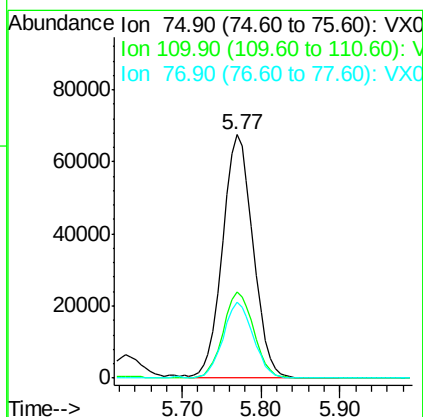
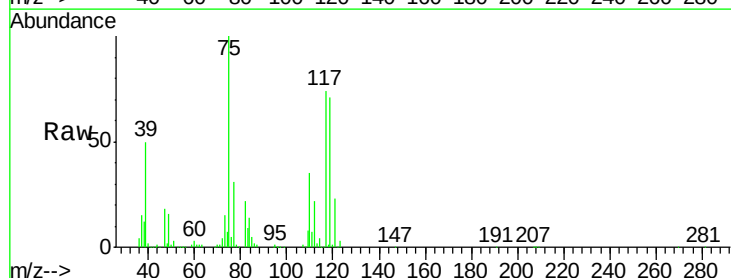
Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW098-200513MSD

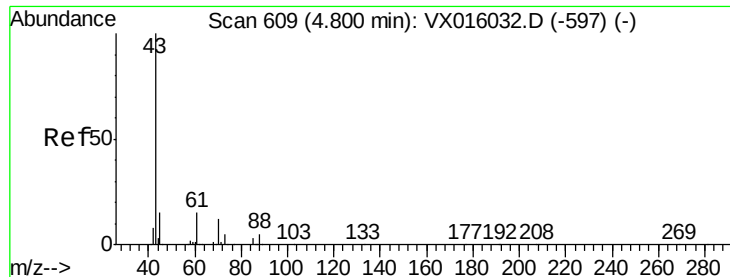
Tgt Ion: 113 Resp: 118702
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.6 122.4
 192 22.5 17.0 25.4



#36
 1,1-Dichloropropene
 Concen: 46.04 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX016242.D
 Acq: 14 May 2020 19:25

Tgt Ion: 75 Resp: 181254
 Ion Ratio Lower Upper
 75 100
 110 35.4 18.1 54.1
 77 30.9 25.0 37.6

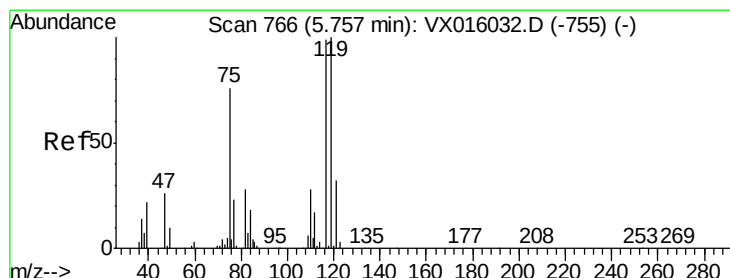
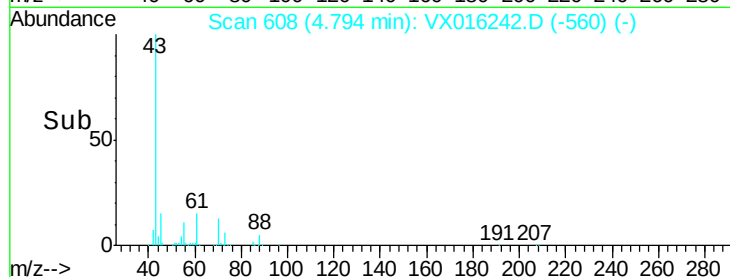
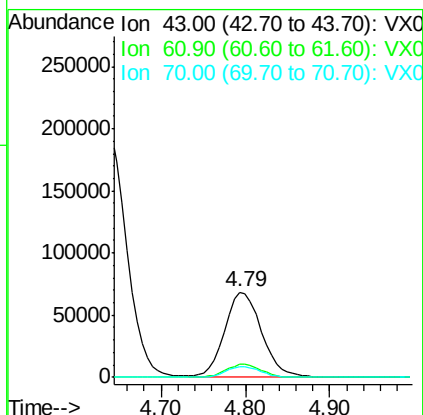
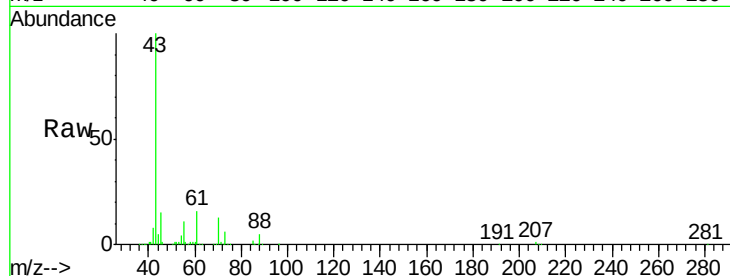




#37
Ethyl Acetate
Concen: 44.40 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX016242.D
Acq: 14 May 2020 19:25

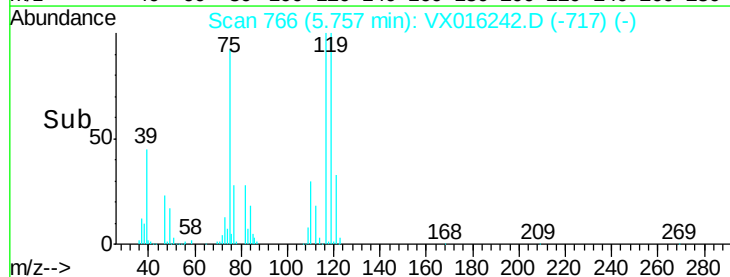
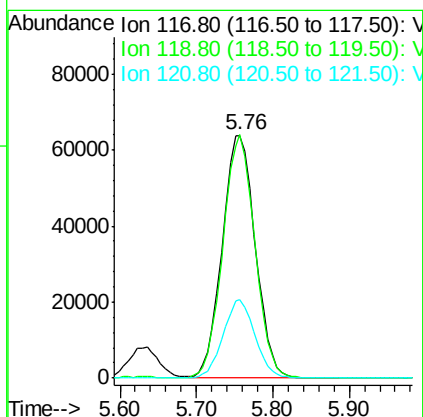
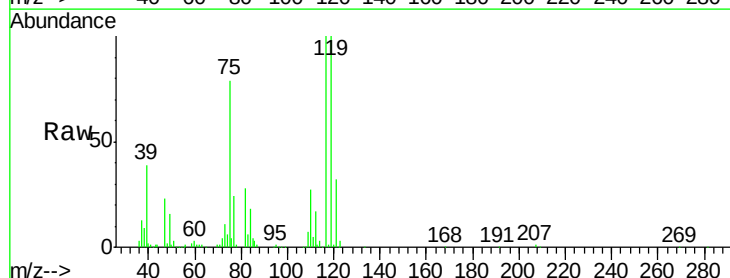
Instrument :
MSVOA_X
ClientSampleId :
SS052MW098-200513MSD

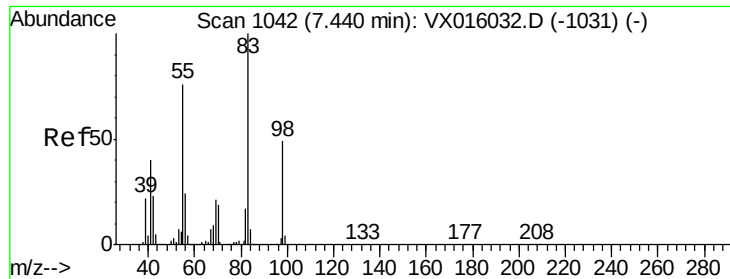
Tgt Ion:	43	Resp:	202577
Ion	Ratio	Lower	Upper
43	100		
61	14.9	11.7	17.5
70	12.3	9.3	13.9



#38
Carbon Tetrachloride
Concen: 47.76 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016242.D
Acq: 14 May 2020 19:25

Tgt Ion:	117	Resp:	191118
Ion	Ratio	Lower	Upper
117	100		
119	100.2	80.3	120.5
121	32.6	25.7	38.5

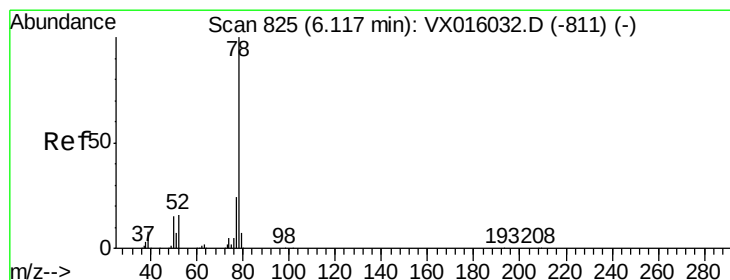
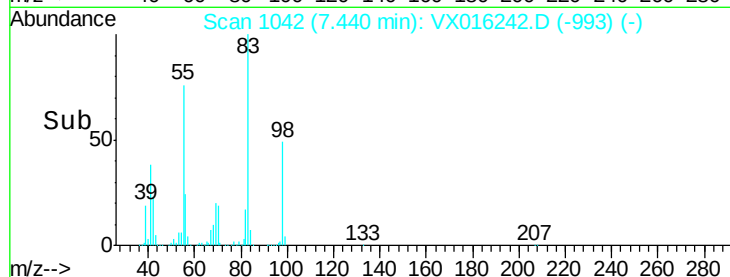
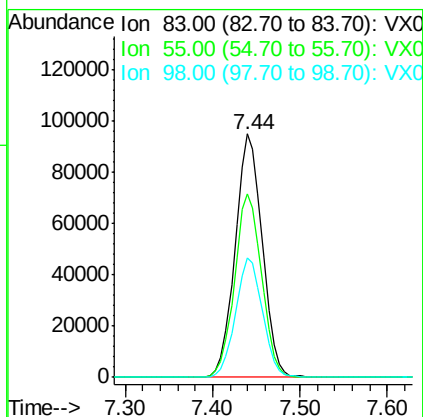
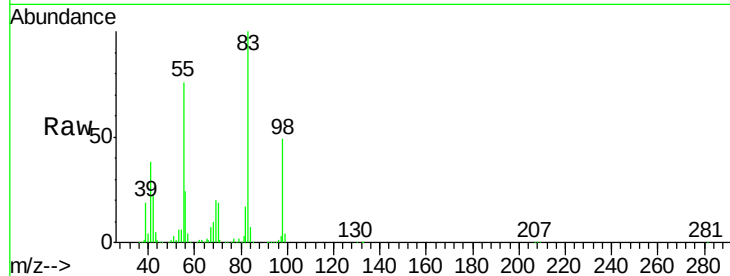




#39
Methylcyclohexane
Concen: 43.14 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016242.D
Acq: 14 May 2020 19:25

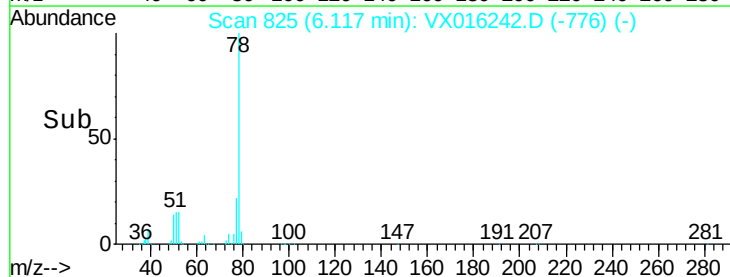
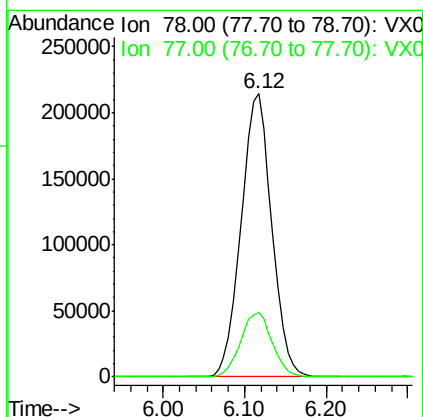
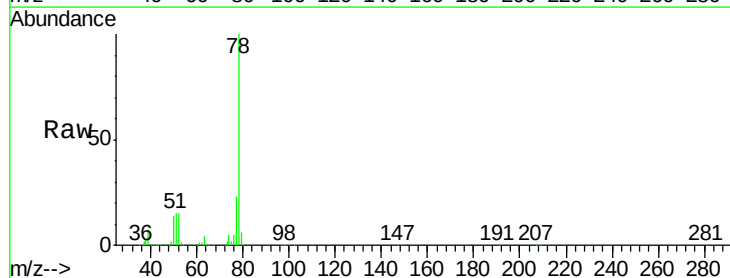
Instrument :
MSVOA_X
ClientSampleId :
SS052MW098-200513MSD

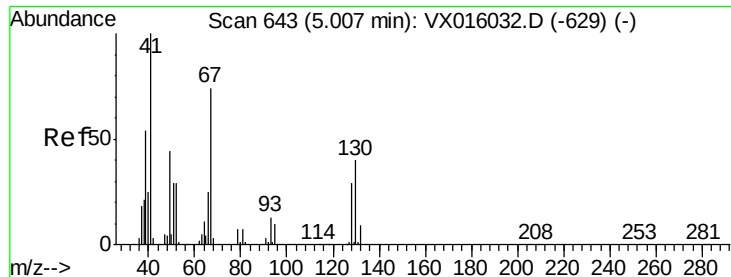
Tgt Ion: 83 Resp: 204501
Ion Ratio Lower Upper
83 100
55 75.6 61.1 91.7
98 48.9 39.0 58.4



#40
Benzene
Concen: 48.43 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016242.D
Acq: 14 May 2020 19:25

Tgt Ion: 78 Resp: 557828
Ion Ratio Lower Upper
78 100
77 22.7 19.0 28.4





#41

Methacrylonitrile

Concen: 47.60 ug/l

RT: 5.01 min Scan# 643

Delta R.T. -0.00 min

Lab File: VX016242.D

Acq: 14 May 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

SS052MW098-200513MSD

Tgt Ion: 41 Resp: 117292

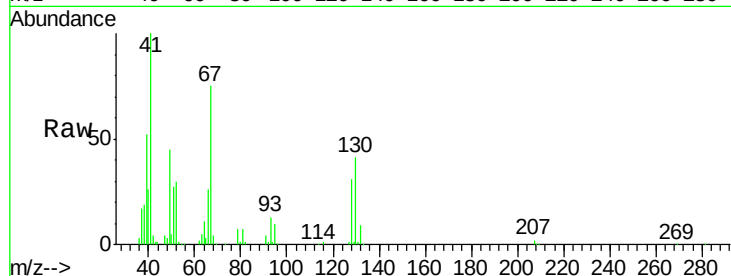
Ion Ratio Lower Upper

41 100

39 51.1 43.2 64.8

67 76.5 59.3 88.9

52 29.2 23.5 35.3

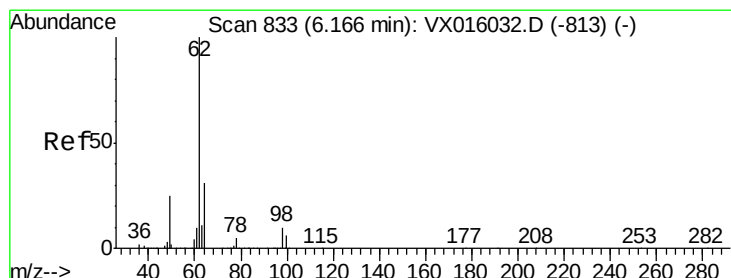
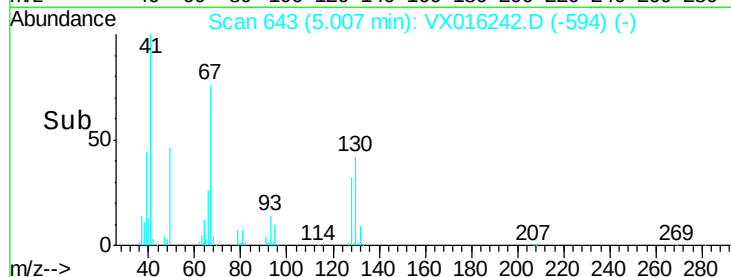
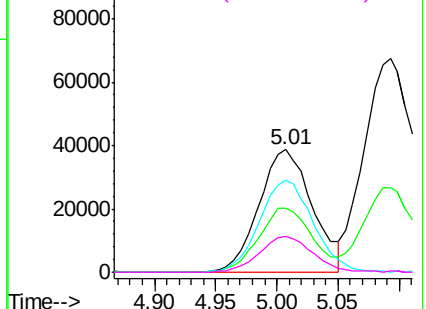


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 46.84 ug/l

RT: 6.17 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX016242.D

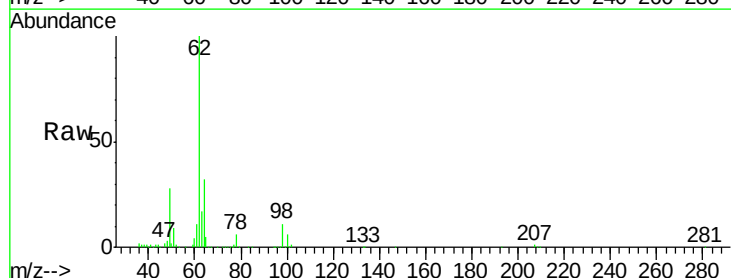
Acq: 14 May 2020 19:25

Tgt Ion: 62 Resp: 194350

Ion Ratio Lower Upper

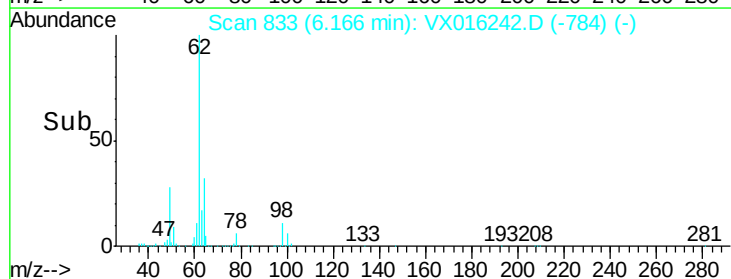
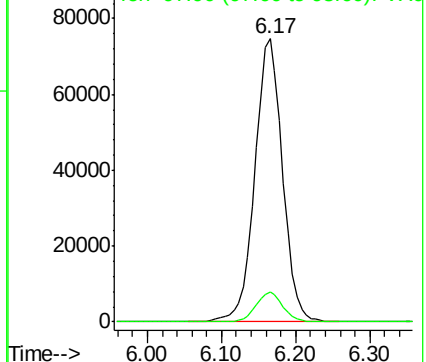
62 100

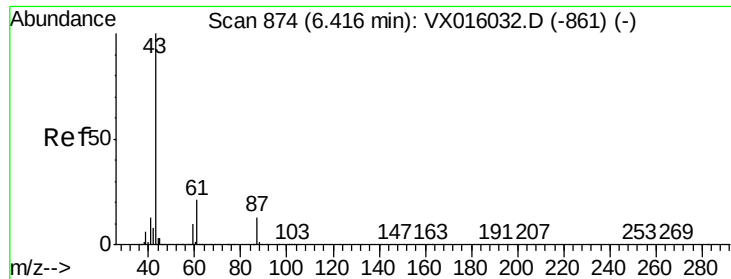
98 10.2 0.0 19.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

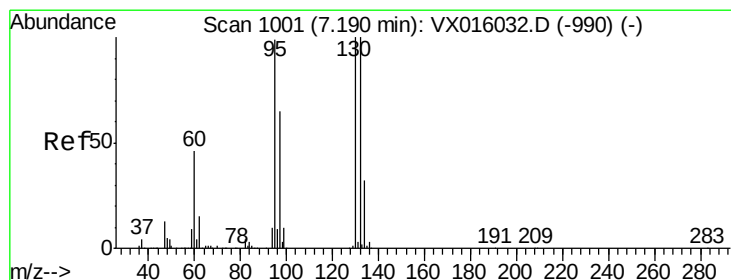
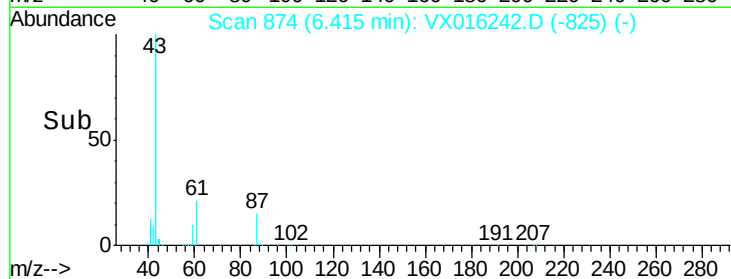
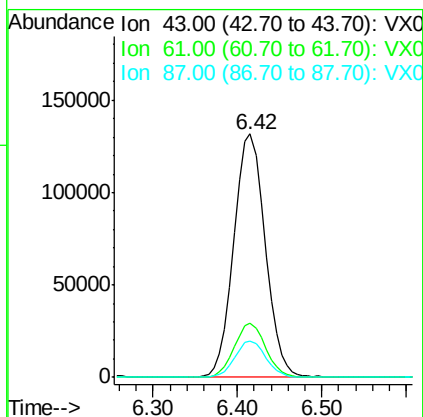
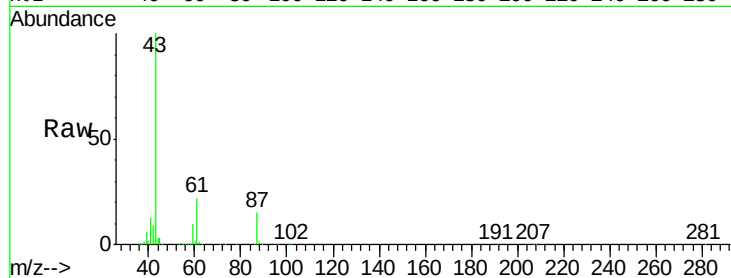




#43
Isopropyl Acetate
Concen: 45.52 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX016242.D
Acq: 14 May 2020 19:25

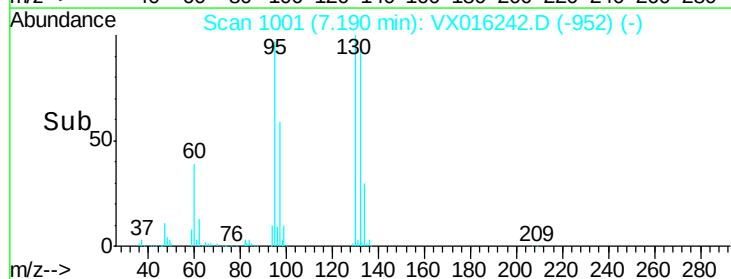
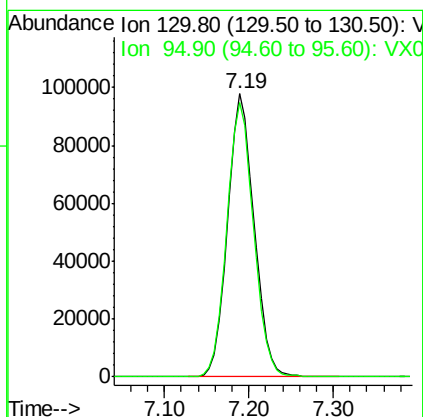
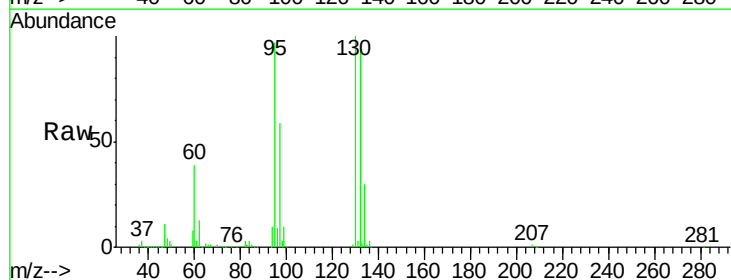
Instrument :
MSVOA_X
ClientSampleId :
SS052MW098-200513MSD

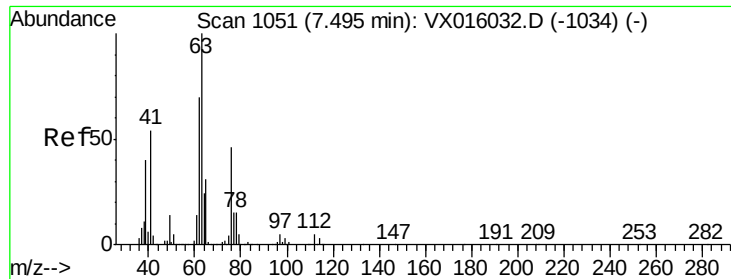
Tgt Ion: 43 Resp: 331390
Ion Ratio Lower Upper
43 100
61 22.1 17.0 25.4
87 14.7 11.0 16.6



#44
Trichloroethene
Concen: 51.13 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX016242.D
Acq: 14 May 2020 19:25

Tgt Ion: 130 Resp: 209242
Ion Ratio Lower Upper
130 100
95 96.9 0.0 197.4

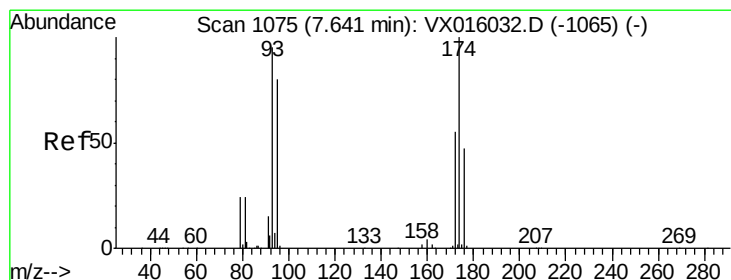
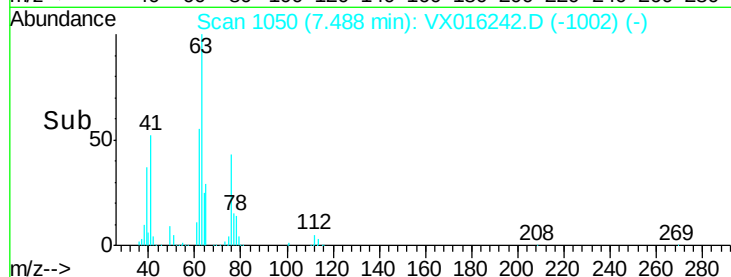
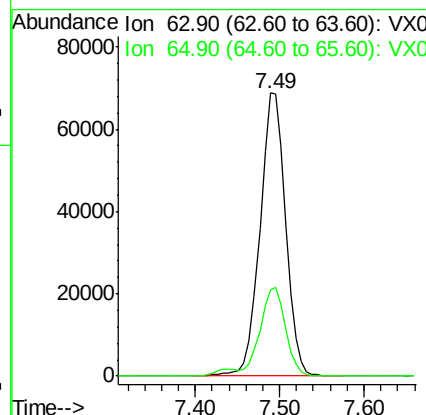
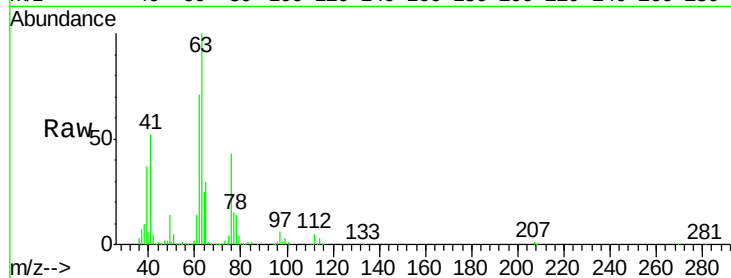




#45
 1,2-Dichloropropane
 Concen: 49.16 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VX016242.D
 Acq: 14 May 2020 19:25

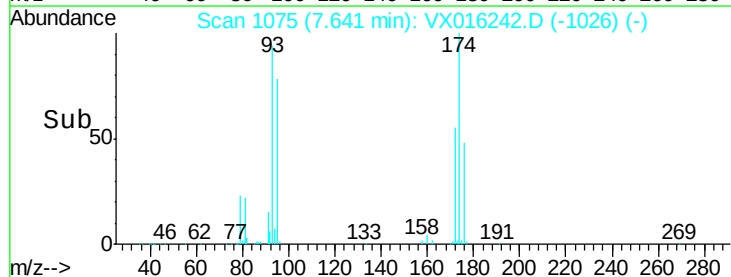
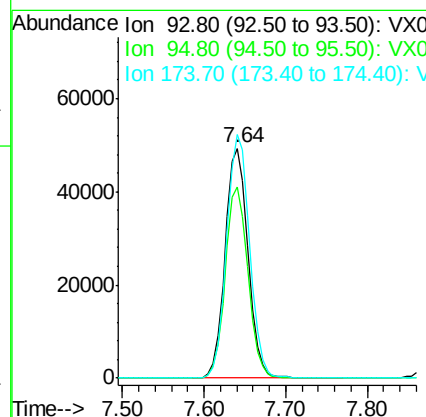
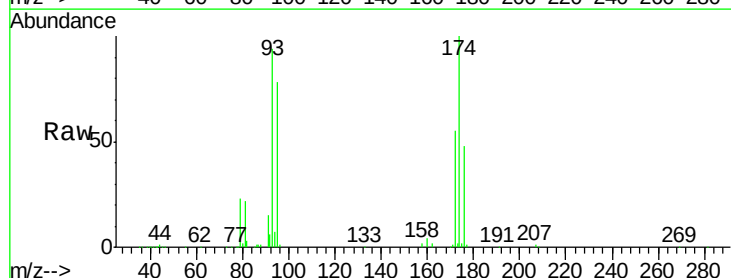
Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW098-200513MSD

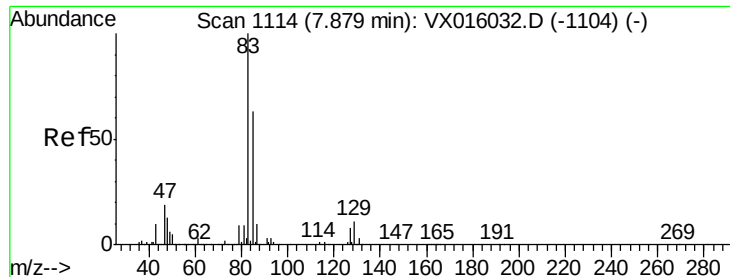
Tgt Ion: 63 Resp: 143272
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.4 36.6



#46
 Dibromomethane
 Concen: 48.40 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX016242.D
 Acq: 14 May 2020 19:25

Tgt Ion: 93 Resp: 95868
 Ion Ratio Lower Upper
 93 100
 95 82.6 66.6 100.0
 174 106.2 84.2 126.4





#47

Bromodichloromethane

Concen: 49.79 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016242.D

Acq: 14 May 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

SS052MW098-200513MSD

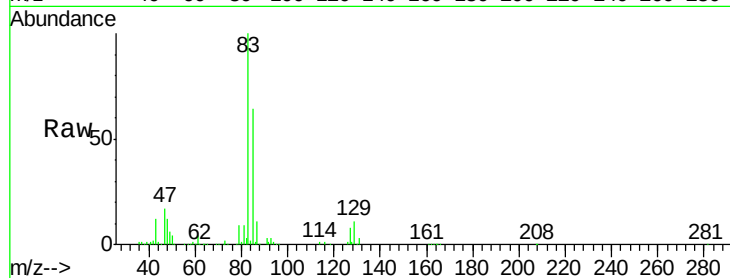
Tgt Ion: 83 Resp: 200840

Ion Ratio Lower Upper

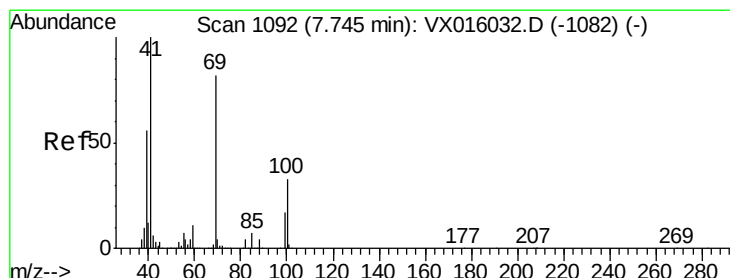
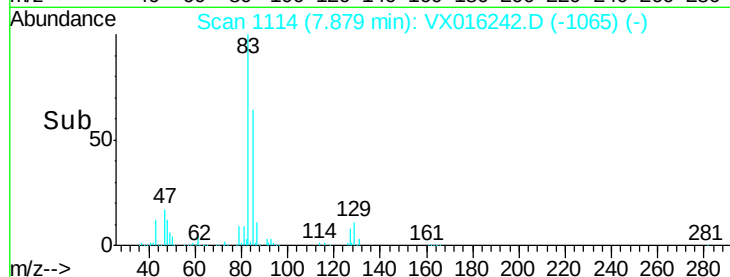
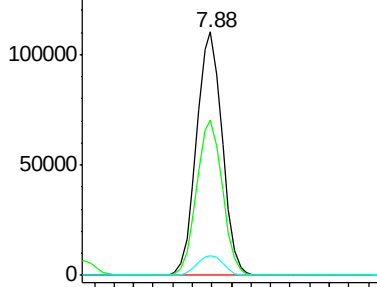
83 100

85 63.6 50.5 75.7

127 8.3 6.7 10.1



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: 46.82 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VX016242.D

Acq: 14 May 2020 19:25

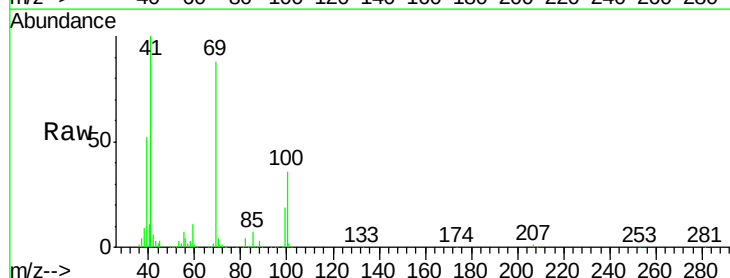
Tgt Ion: 41 Resp: 161510

Ion Ratio Lower Upper

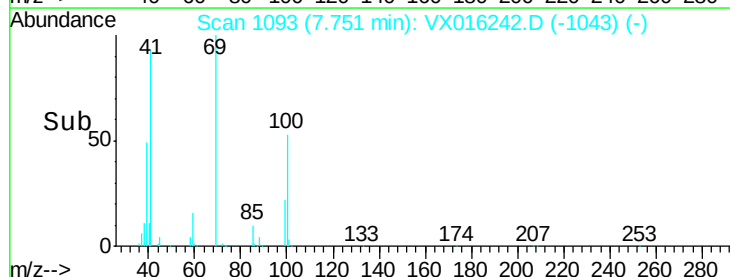
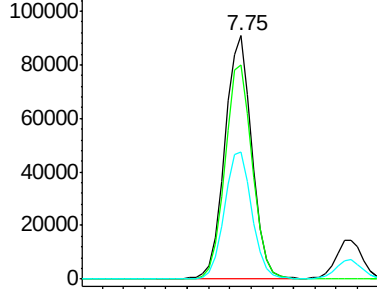
41 100

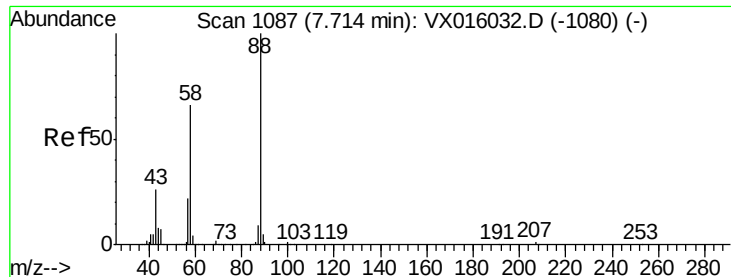
69 89.4 67.8 101.6

39 53.1 44.6 67.0



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: 987.25 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016242.D

Acq: 14 May 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

SS052MW098-200513MSD

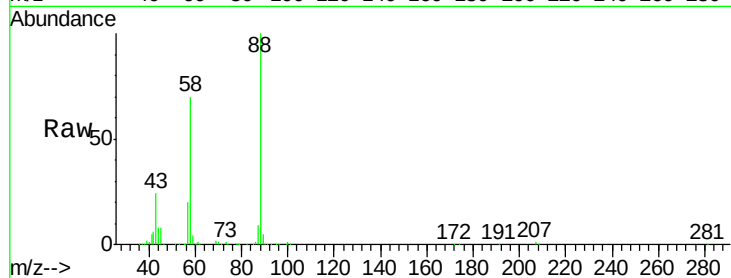
Tgt Ion: 88 Resp: 81678

Ion Ratio Lower Upper

88 100

43 29.3 25.3 37.9

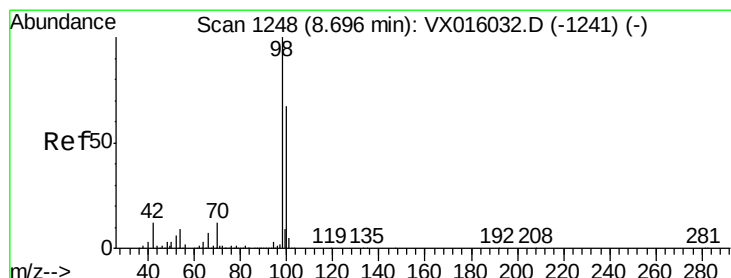
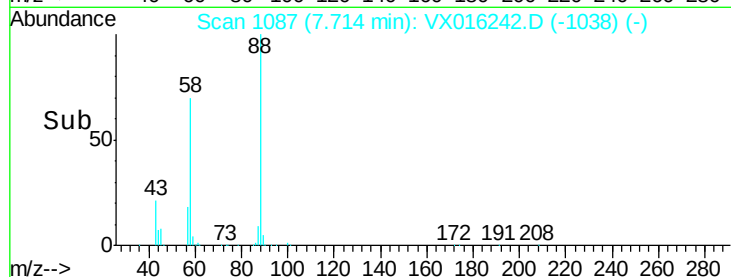
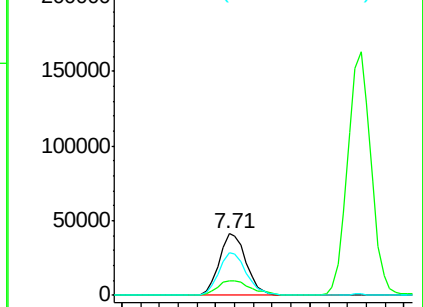
58 70.8 55.9 83.9



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 47.81 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016242.D

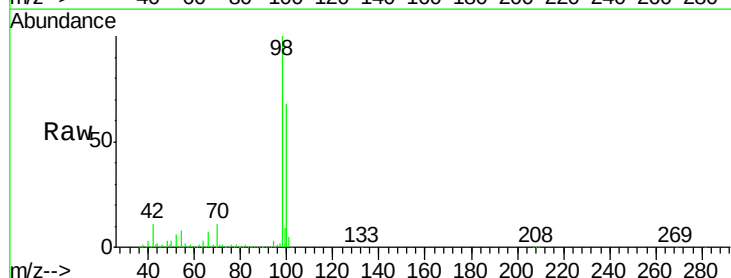
Acq: 14 May 2020 19:25

Tgt Ion: 98 Resp: 466748

Ion Ratio Lower Upper

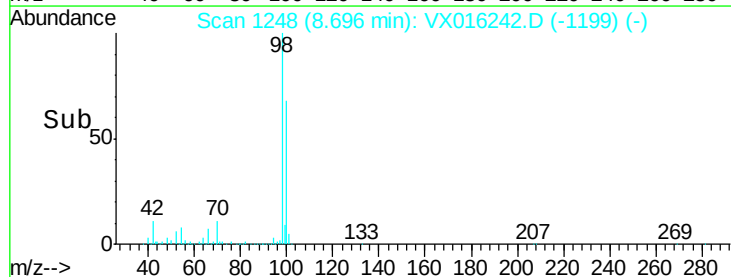
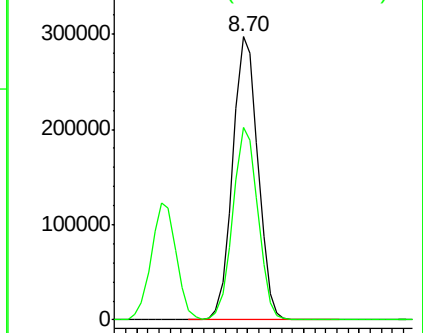
98 100

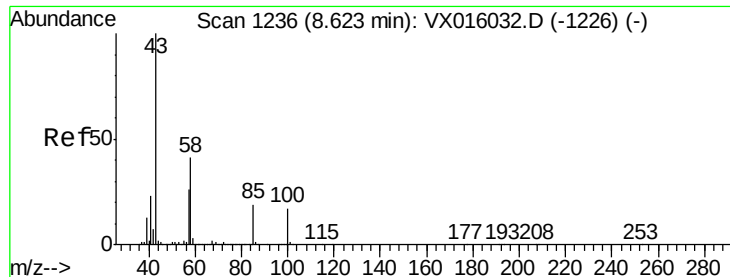
100 67.4 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 244.38 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016242.D

Acq: 14 May 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

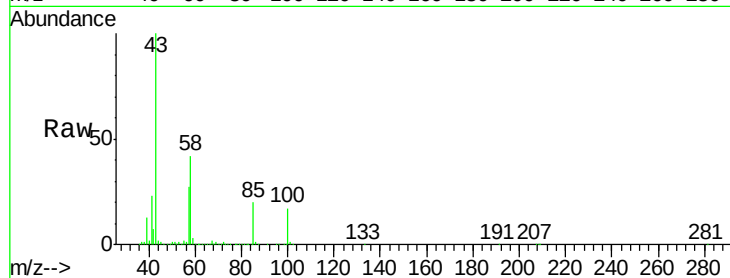
SS052MW098-200513MSD

Tgt Ion: 43 Resp: 1088711

Ion Ratio Lower Upper

43 100

58 42.3 33.0 49.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

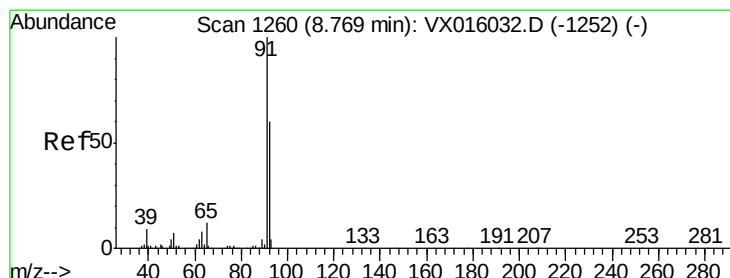
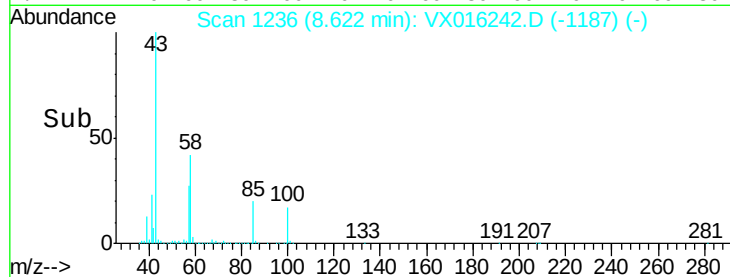
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 49.64 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016242.D

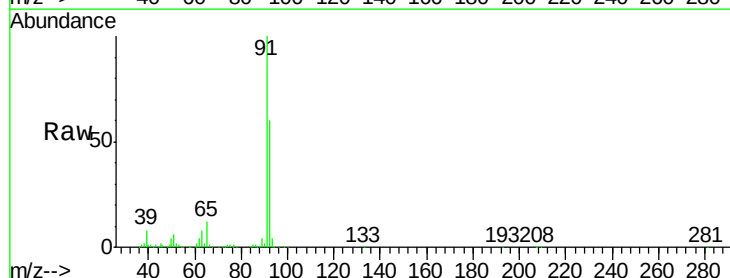
Acq: 14 May 2020 19:25

Tgt Ion: 92 Resp: 356379

Ion Ratio Lower Upper

92 100

91 166.4 134.5 201.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.77

400000

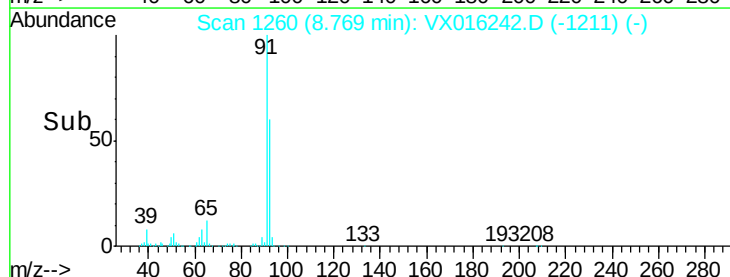
300000

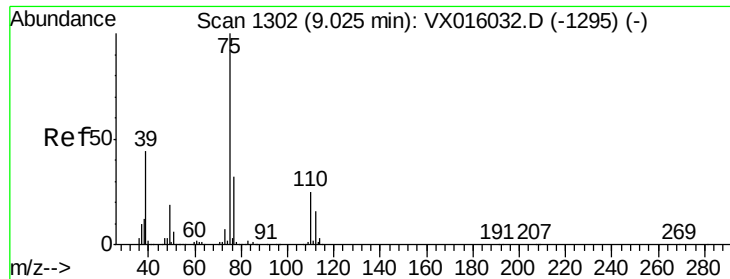
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 47.42 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016242.D

Acq: 14 May 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

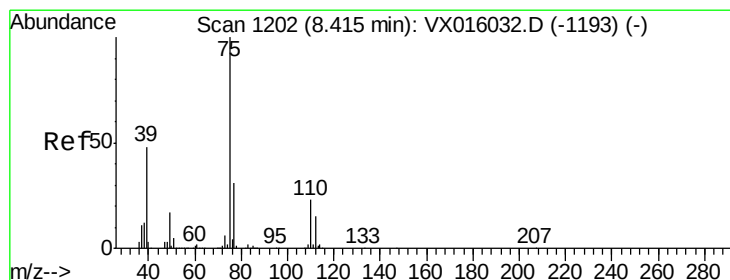
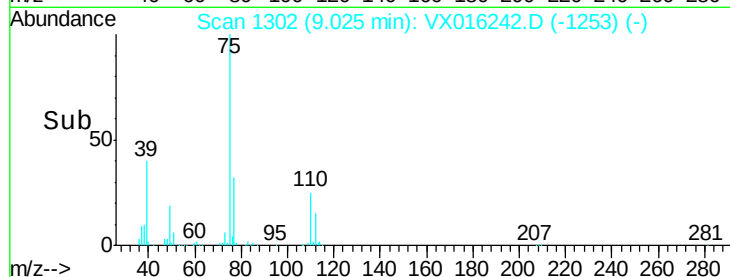
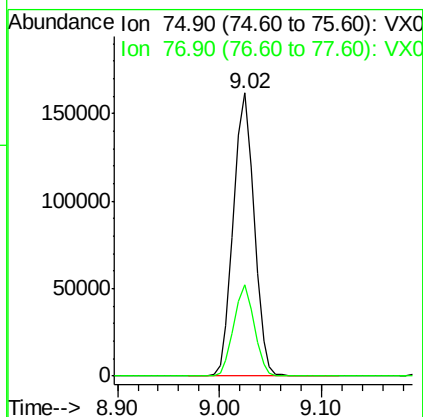
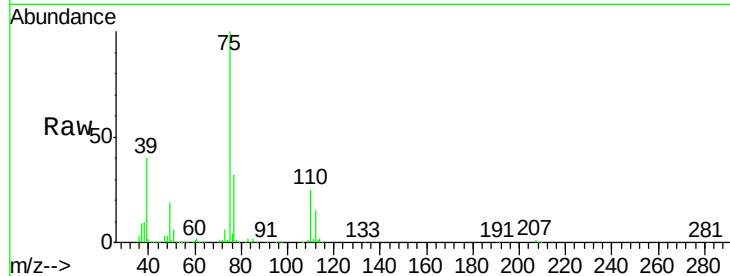
SS052MW098-200513MSD

Tgt Ion: 75 Resp: 228050

Ion Ratio Lower Upper

75 100

77 32.2 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 47.97 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016242.D

Acq: 14 May 2020 19:25

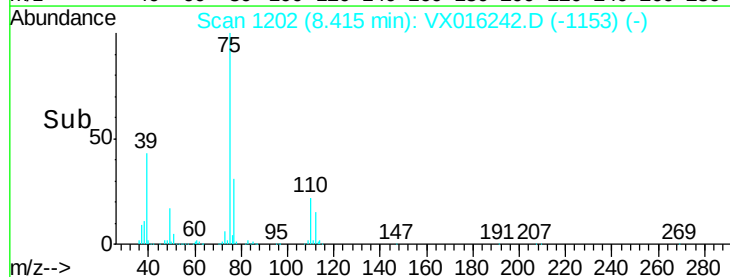
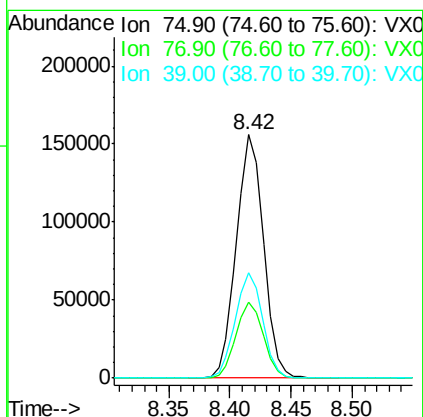
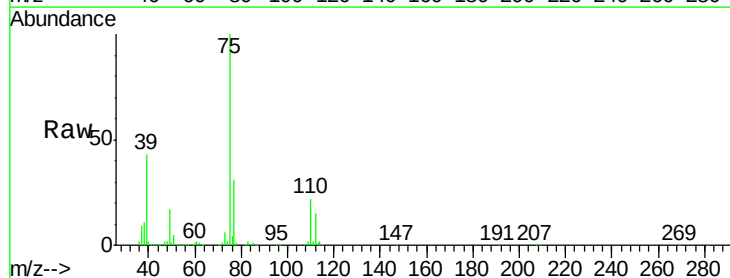
Tgt Ion: 75 Resp: 241012

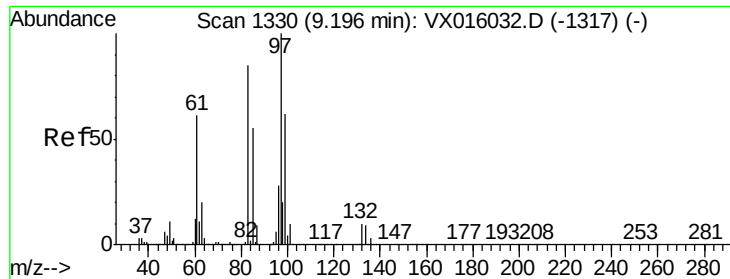
Ion Ratio Lower Upper

75 100

77 31.1 24.7 37.1

39 43.4 38.7 58.1

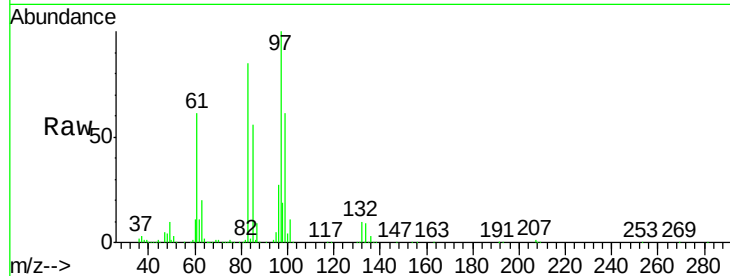




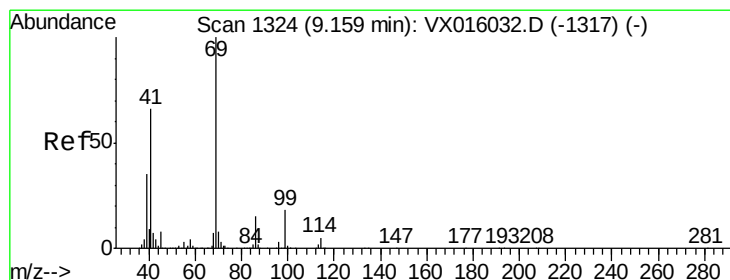
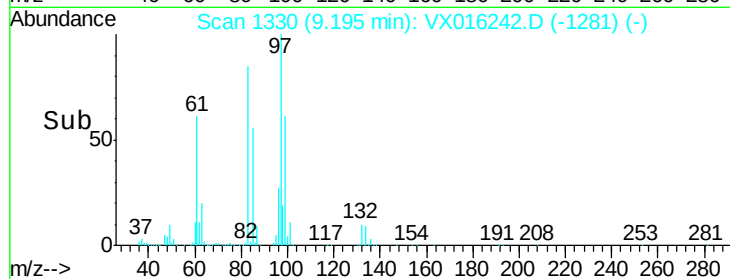
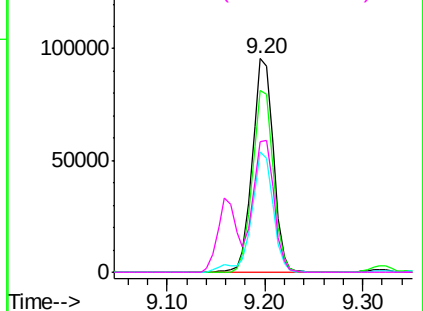
#55
 1,1,2-Trichloroethane
 Concen: 50.64 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016242.D
 Acq: 14 May 2020 19:25

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW098-200513MSD

Tgt Ion:	97	Resp:	143055
Ion	Ratio	Lower	Upper
97	100		
83	85.2	67.8	101.8
85	56.4	43.8	65.8
99	61.3	49.4	74.0

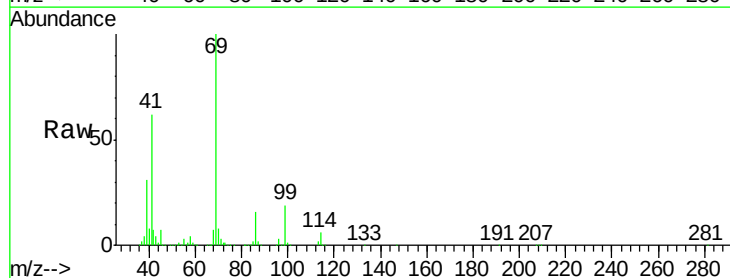


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

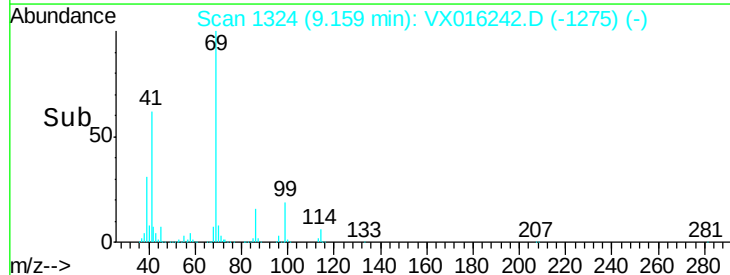
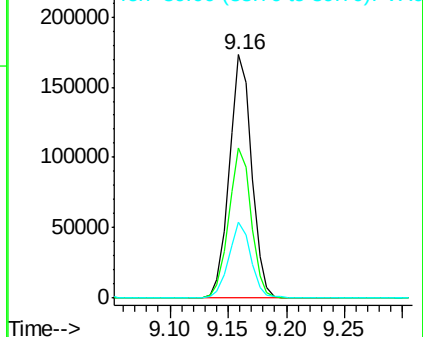


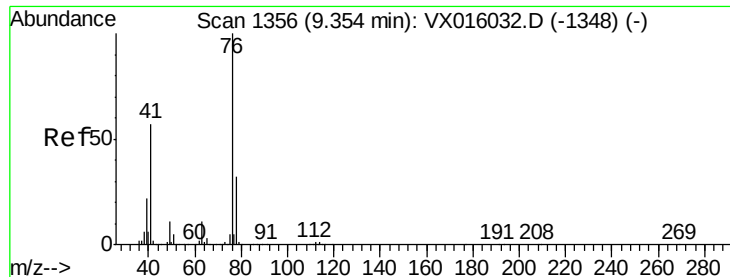
#56
 Ethyl methacrylate
 Concen: 50.11 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016242.D
 Acq: 14 May 2020 19:25

Tgt Ion:	69	Resp:	231028
Ion	Ratio	Lower	Upper
69	100		
41	61.9	52.2	78.4
39	31.0	28.2	42.4



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





#57

1,3-Dichloropropane

Concen: 50.08 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016242.D

Acq: 14 May 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

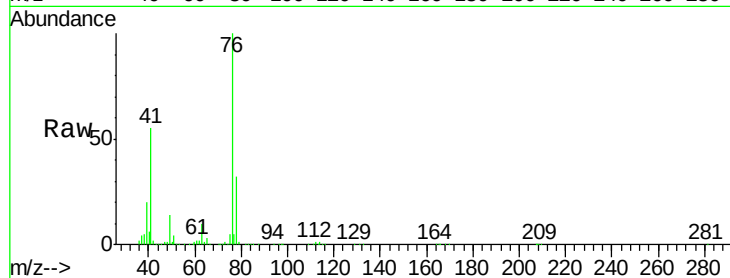
SS052MW098-200513MSD

Tgt Ion: 76 Resp: 246862

Ion Ratio Lower Upper

76 100

78 32.3 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

200000

150000

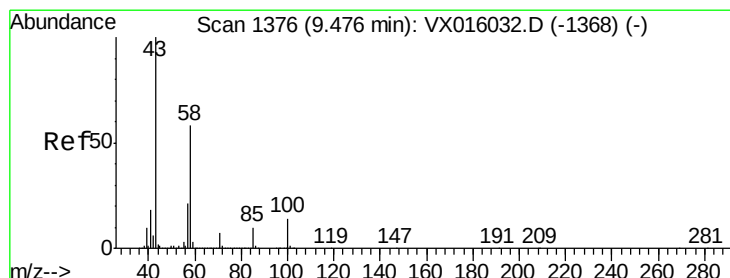
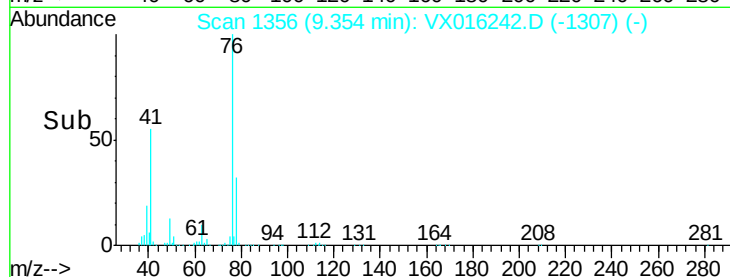
100000

50000

0

9.25 9.30 9.35 9.40 9.45

Time-->



#59

2-Hexanone

Concen: 242.66 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. -0.00 min

Lab File: VX016242.D

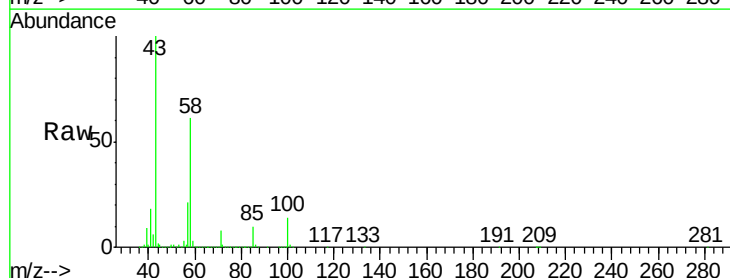
Acq: 14 May 2020 19:25

Tgt Ion: 43 Resp: 848959

Ion Ratio Lower Upper

43 100

58 59.8 28.6 85.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

600000

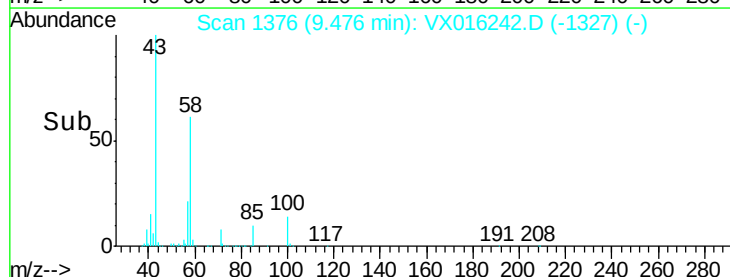
400000

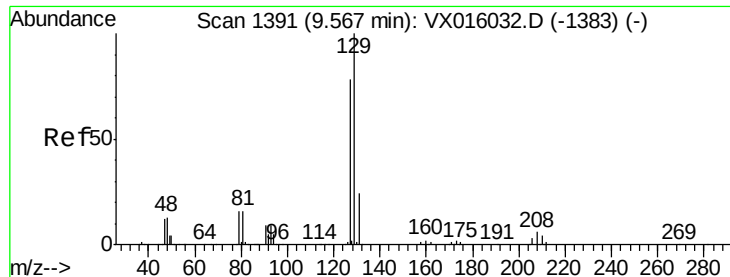
200000

0

9.35 9.40 9.45 9.50 9.55

Time-->





#60

Dibromochloromethane

Concen: 51.79 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX016242.D

Acq: 14 May 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

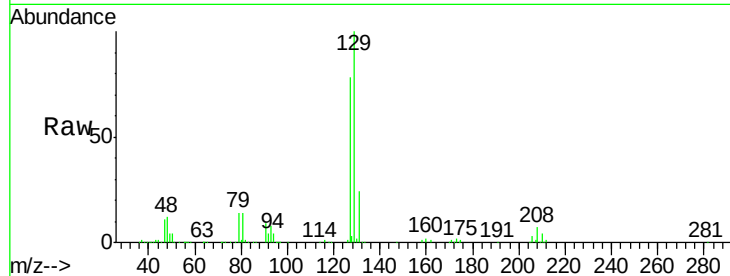
SS052MW098-200513MSD

Tgt Ion:129 Resp: 161129

Ion Ratio Lower Upper

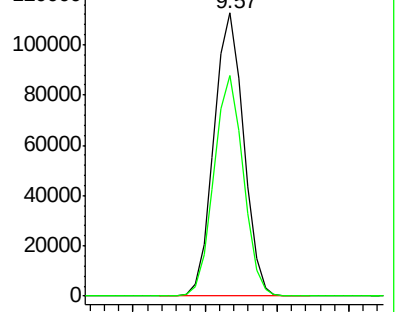
129 100

127 77.2 38.4 115.2

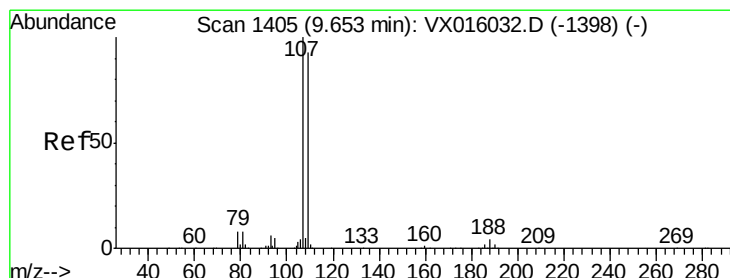
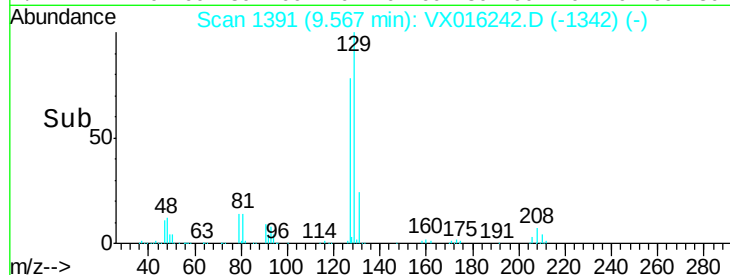


Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



Time-->



#61

1,2-Dibromoethane

Concen: 49.80 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016242.D

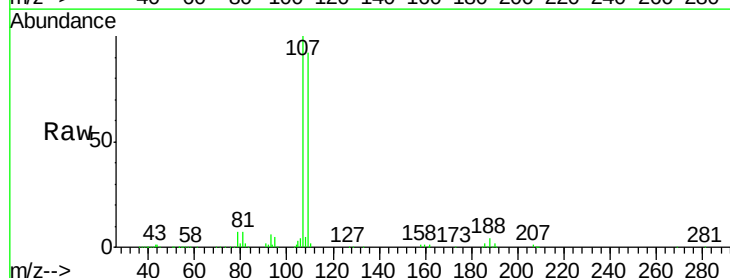
Acq: 14 May 2020 19:25

Tgt Ion:107 Resp: 152361

Ion Ratio Lower Upper

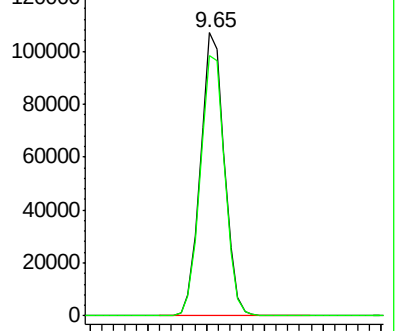
107 100

109 94.9 74.9 112.3

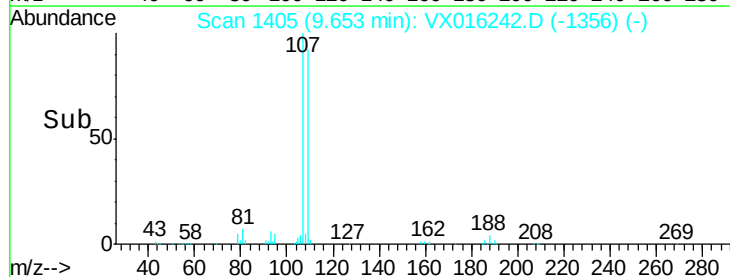


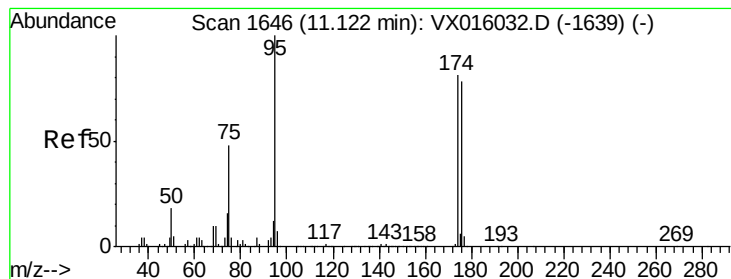
Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->





#62

4-Bromofluorobenzene

Concen: 49.70 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016242.D

Acq: 14 May 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

SS052MW098-200513MSD

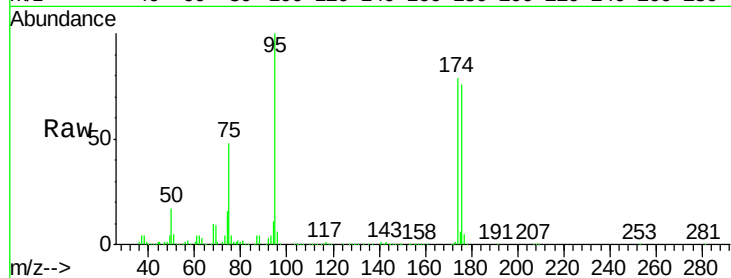
Tgt Ion: 95 Resp: 184547

Ion Ratio Lower Upper

95 100

174 80.4 0.0 159.4

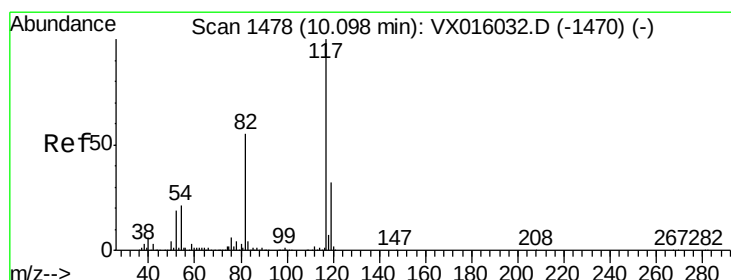
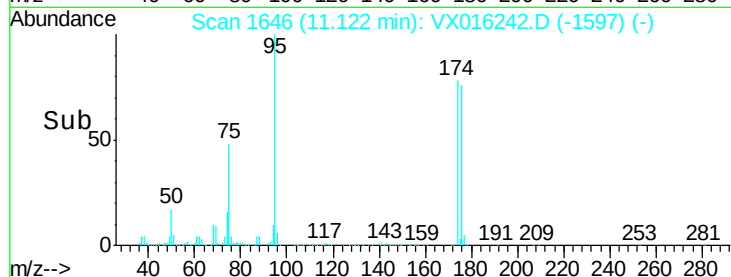
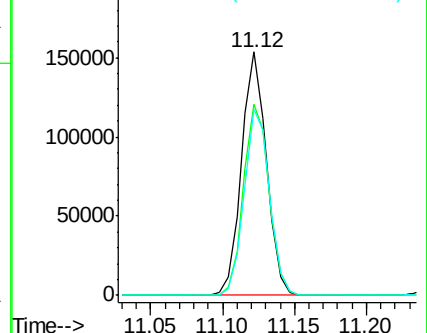
176 77.5 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX016242.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX016242.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX016242.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016242.D

Acq: 14 May 2020 19:25

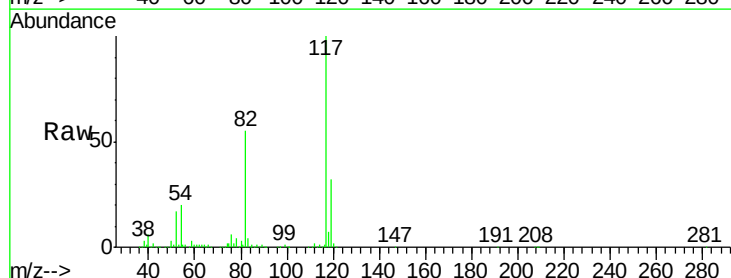
Tgt Ion: 117 Resp: 371283

Ion Ratio Lower Upper

117 100

82 55.1 44.4 66.6

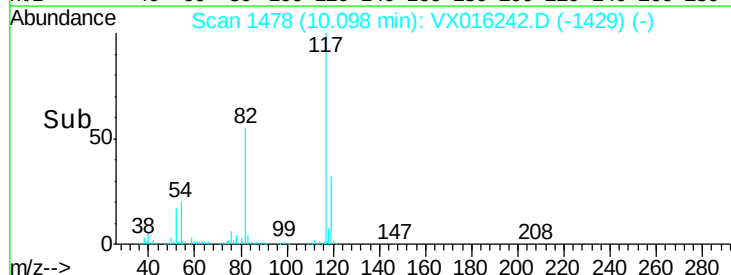
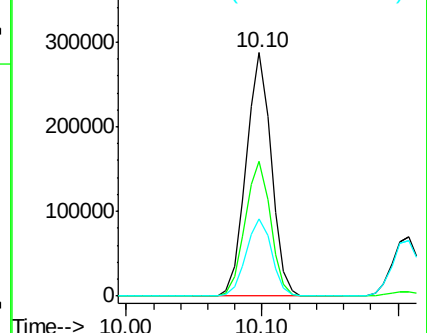
119 31.6 25.5 38.3

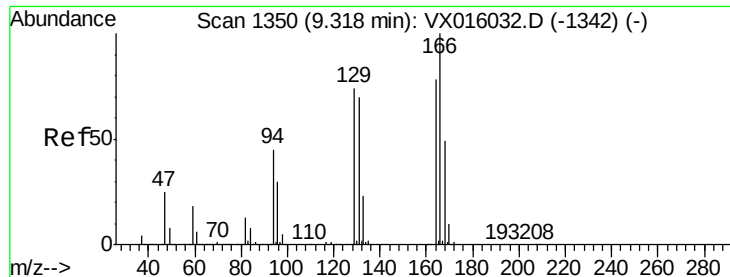


Abundance Ion 116.90 (116.60 to 117.60): VX016242.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX016242.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX016242.D (-1429) (-)





#64

Tetrachloroethene

Concen: 43.89 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX016242.D

Acq: 14 May 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

SS052MW098-200513MSD

Tgt Ion:164 Resp: 200050

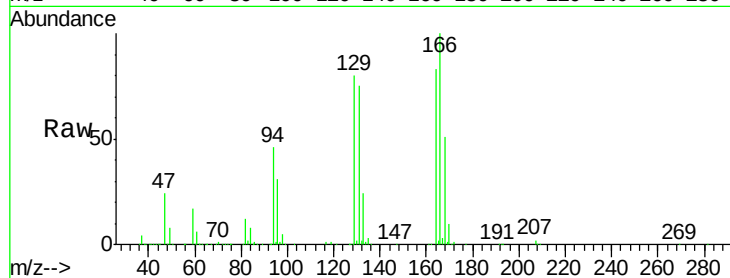
Ion Ratio Lower Upper

164 100

166 121.1 102.9 154.3

129 96.5 76.1 114.1

131 90.6 71.9 107.9

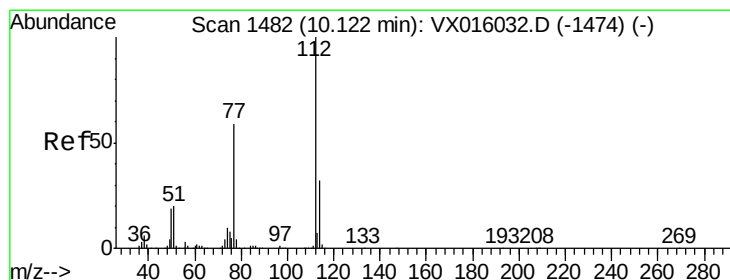
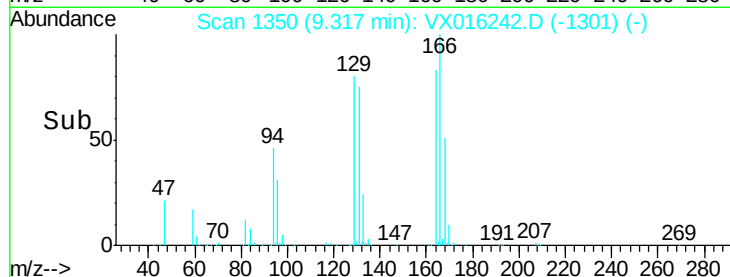
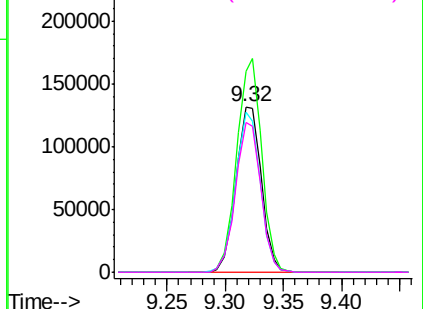


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 48.82 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016242.D

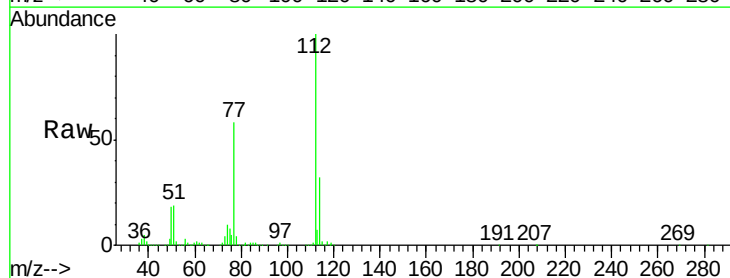
Acq: 14 May 2020 19:25

Tgt Ion:112 Resp: 379533

Ion Ratio Lower Upper

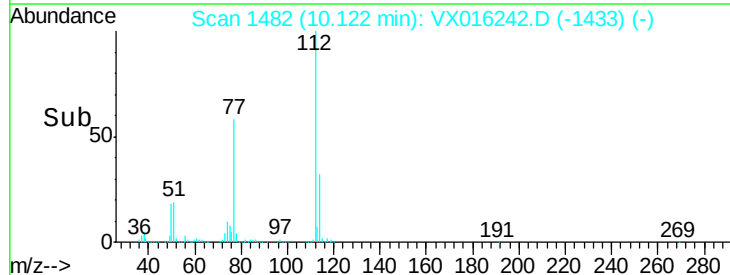
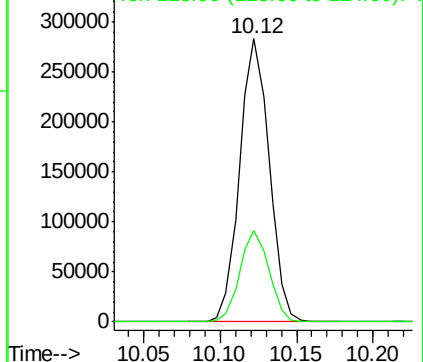
112 100

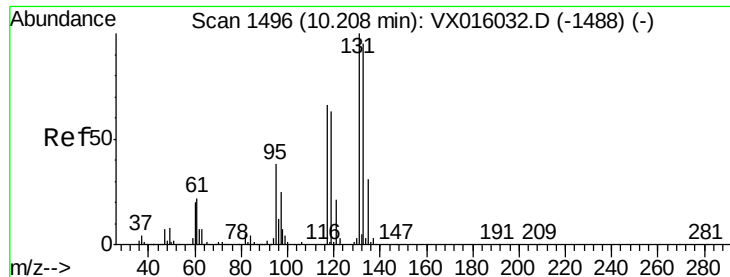
114 32.5 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 51.08 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016242.D

Acq: 14 May 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

SS052MW098-200513MSD

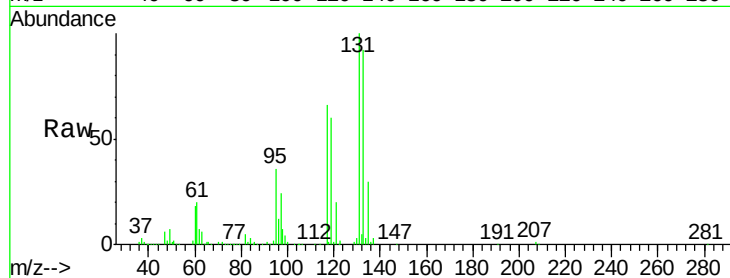
Tgt Ion:131 Resp: 146770

Ion Ratio Lower Upper

131 100

133 94.5 48.3 144.8

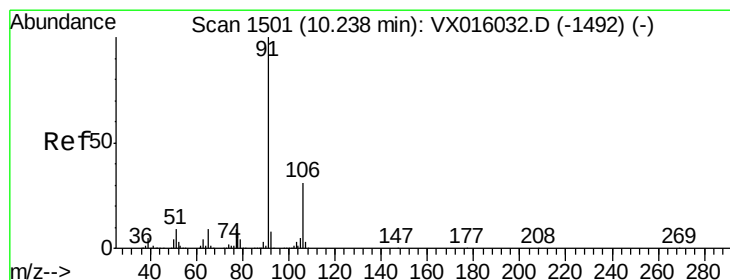
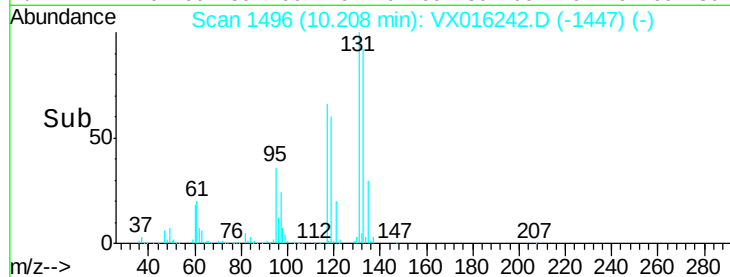
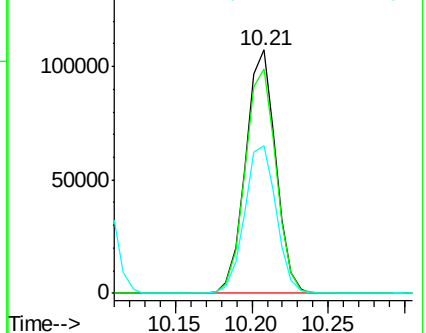
119 63.4 32.3 96.9



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 48.42 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016242.D

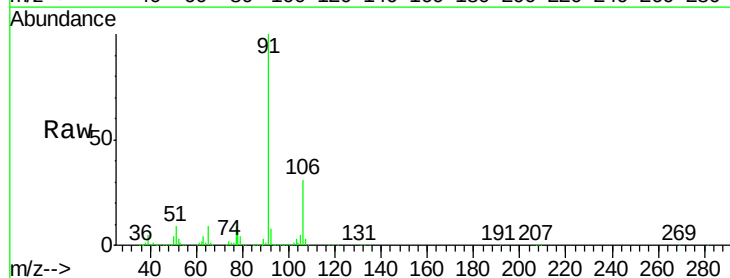
Acq: 14 May 2020 19:25

Tgt Ion: 91 Resp: 671685

Ion Ratio Lower Upper

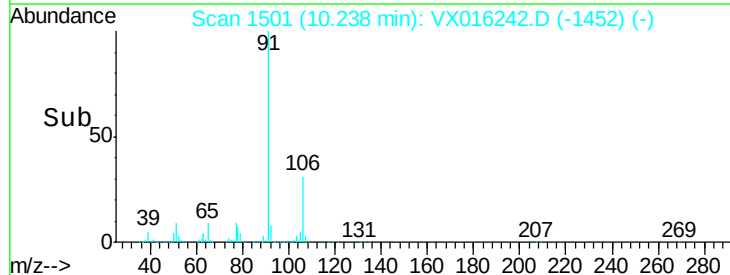
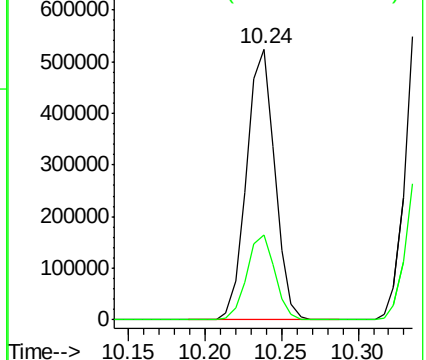
91 100

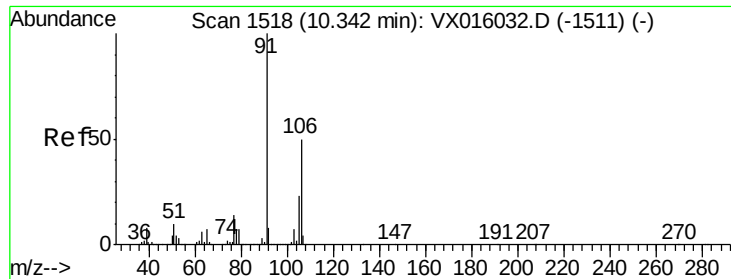
106 31.4 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

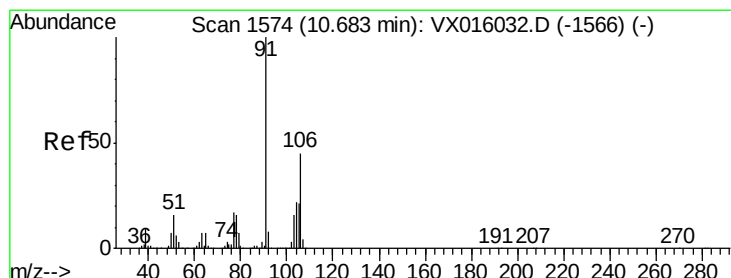
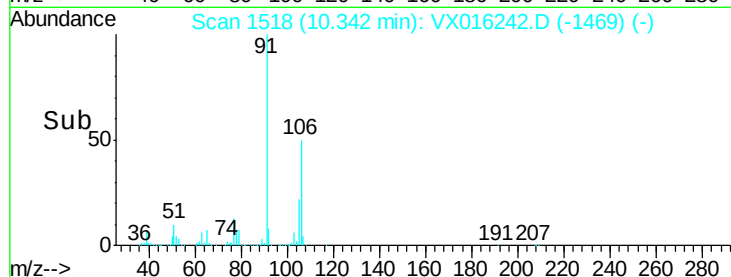
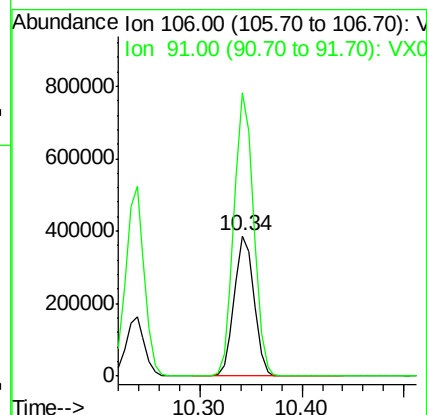
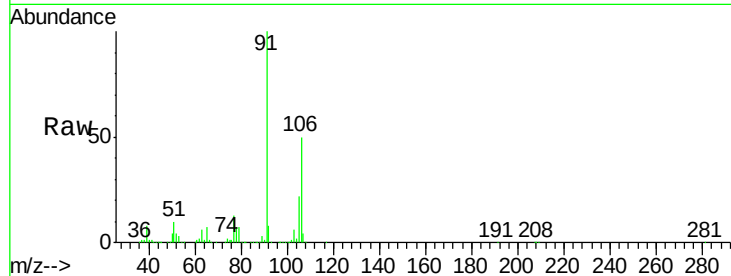




#68
m/p-Xylenes
Concen: 99.12 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016242.D
Acq: 14 May 2020 19:25

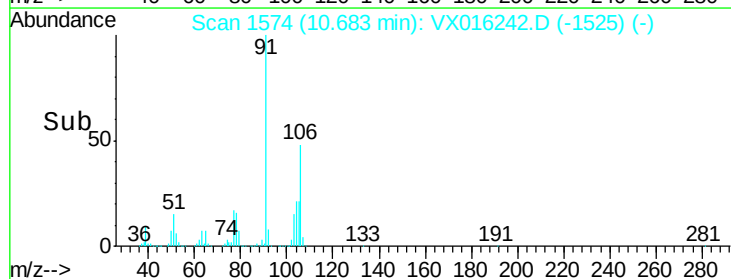
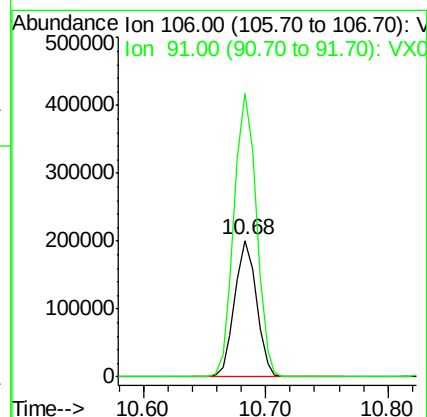
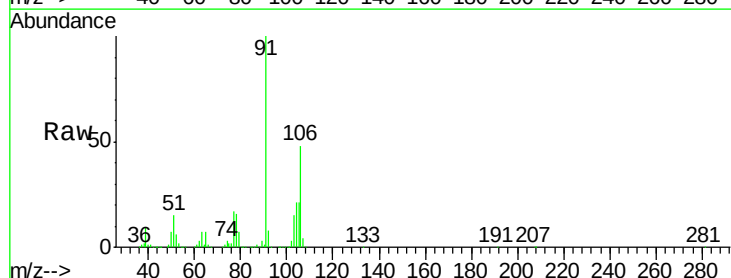
Instrument :
MSVOA_X
ClientSampleId :
SS052MW098-200513MSD

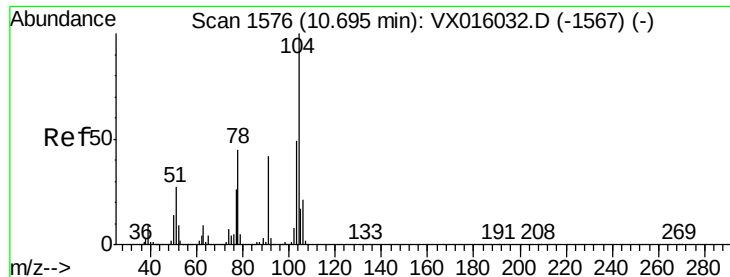
Tgt Ion:106 Resp: 515121
Ion Ratio Lower Upper
106 100
91 200.8 161.7 242.5



#69
o-Xylene
Concen: 49.68 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016242.D
Acq: 14 May 2020 19:25

Tgt Ion:106 Resp: 248197
Ion Ratio Lower Upper
106 100
91 213.4 107.5 322.6





#70

Styrene

Concen: 49.28 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. -0.00 min

Lab File: VX016242.D

Acq: 14 May 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

SS052MW098-200513MSD

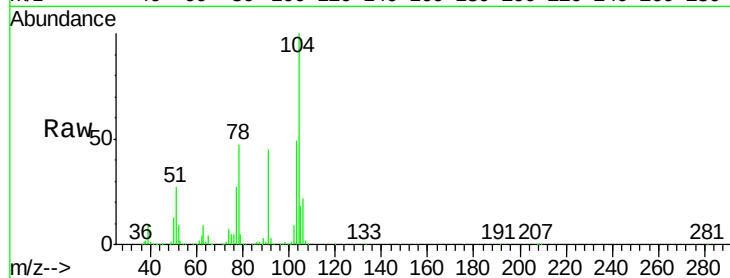
Tgt Ion:104 Resp: 417683

Ion Ratio Lower Upper

104 100

78 50.3 40.2 60.2

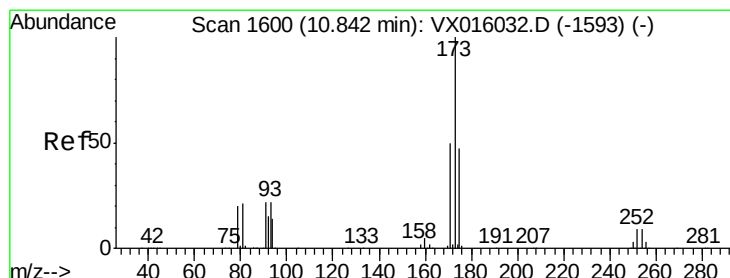
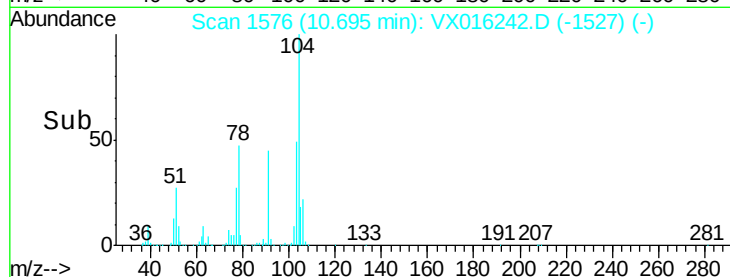
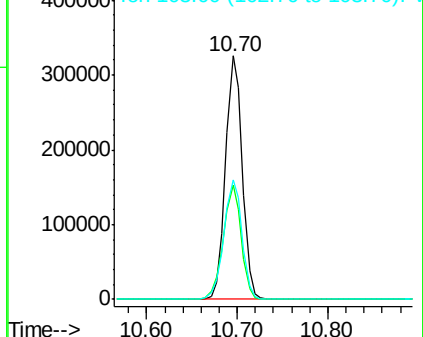
103 53.4 43.0 64.6



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 53.60 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016242.D

Acq: 14 May 2020 19:25

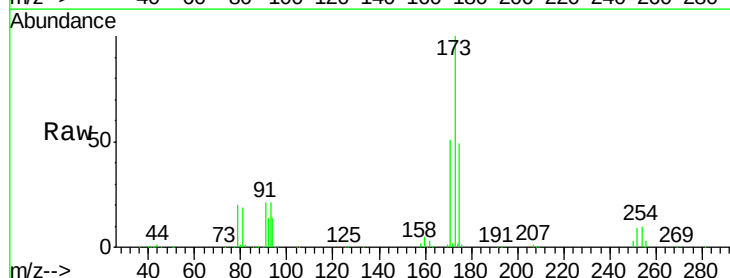
Tgt Ion:173 Resp: 125472

Ion Ratio Lower Upper

173 100

175 48.7 24.0 72.0

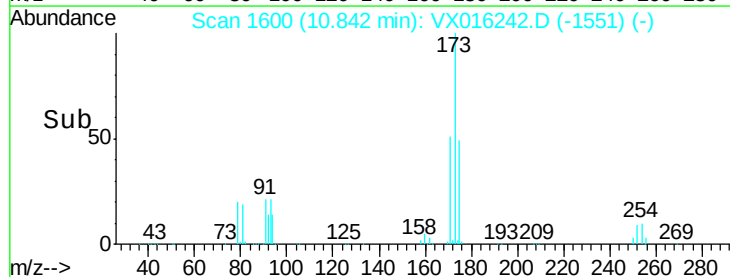
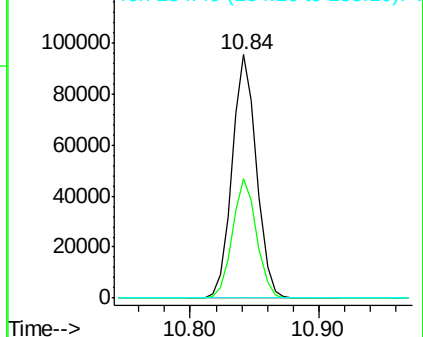
254 0.1 0.1 0.1#

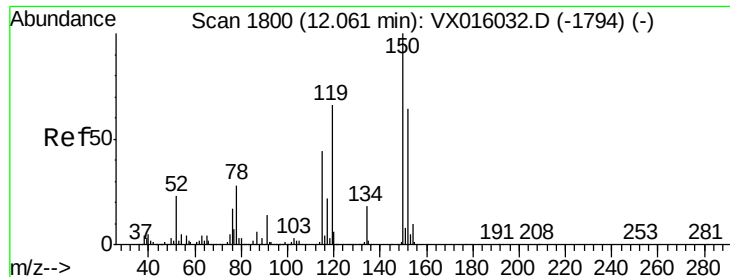


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016242.D

Acq: 14 May 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

SS052MW098-200513MSD

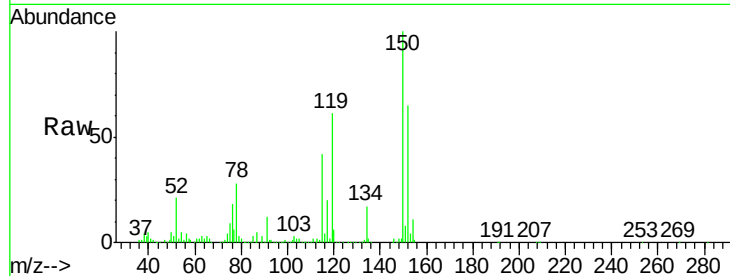
Tgt Ion:152 Resp: 201152

Ion Ratio Lower Upper

152 100

115 79.2 41.3 124.1

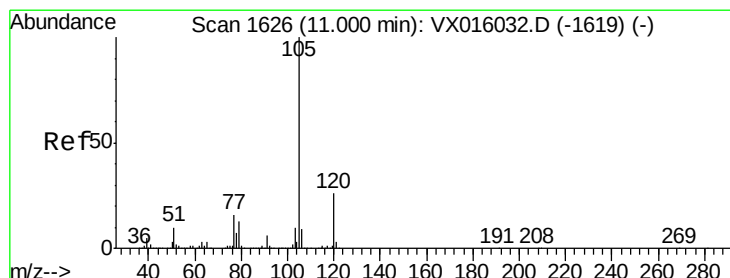
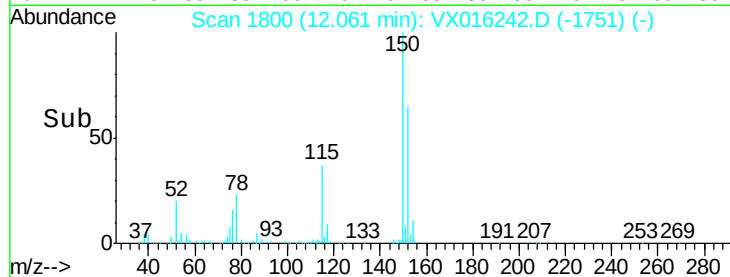
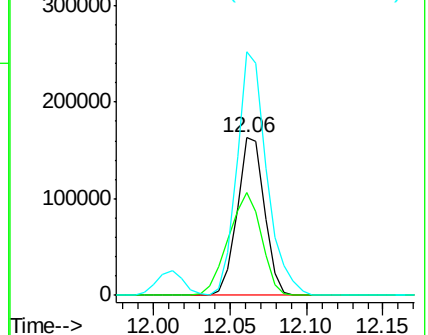
150 169.4 0.0 352.2



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: 45.27 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX016242.D

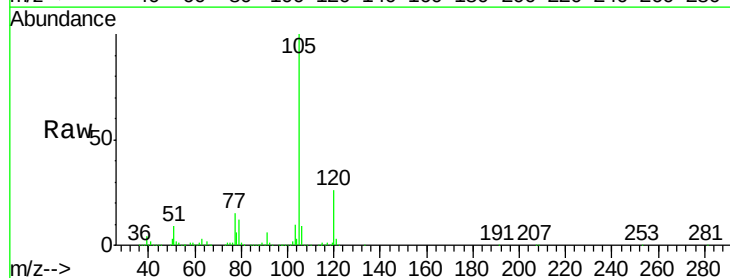
Acq: 14 May 2020 19:25

Tgt Ion:105 Resp: 662259

Ion Ratio Lower Upper

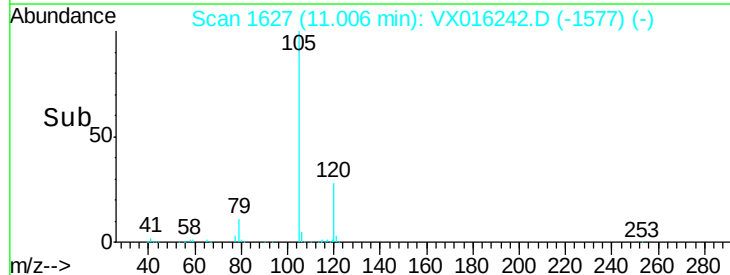
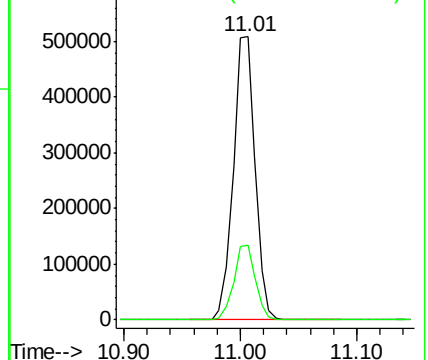
105 100

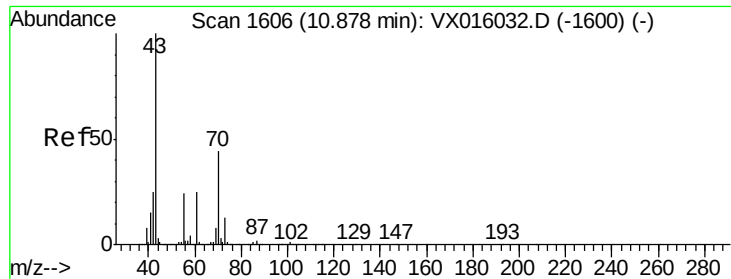
120 26.1 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyI acetate

Concen: 41.74 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016242.D

Acq: 14 May 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

SS052MW098-200513MSD

Tgt Ion: 43 Resp: 284860

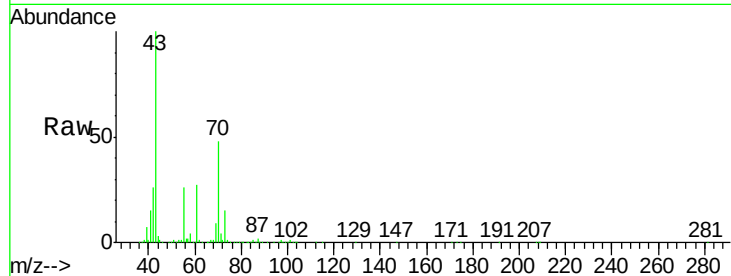
Ion Ratio Lower Upper

43 100

70 46.8 36.5 54.7

55 26.2 19.7 29.5

61 26.6 20.9 31.3

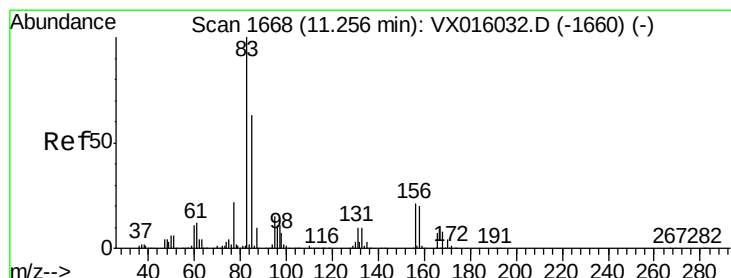
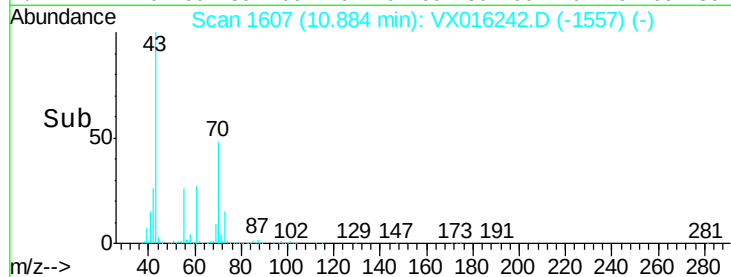
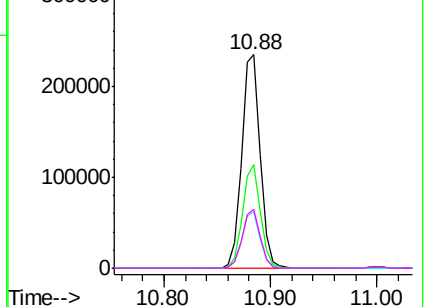


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 59.63 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016242.D

Acq: 14 May 2020 19:25

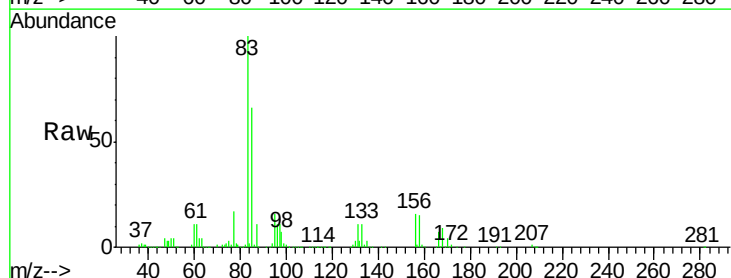
Tgt Ion: 83 Resp: 175570

Ion Ratio Lower Upper

83 100

131 10.6 5.1 15.4

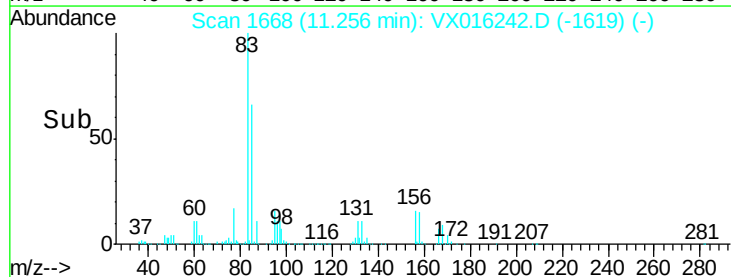
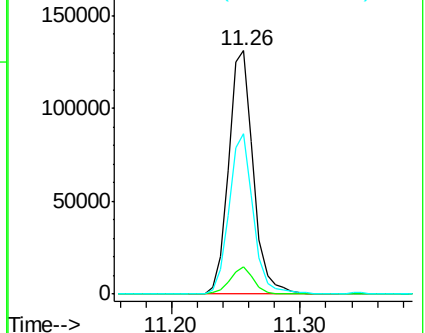
85 64.8 32.0 96.0

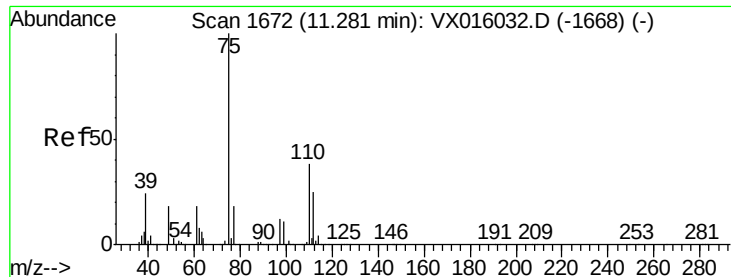


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 61.89 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016242.D

Acq: 14 May 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

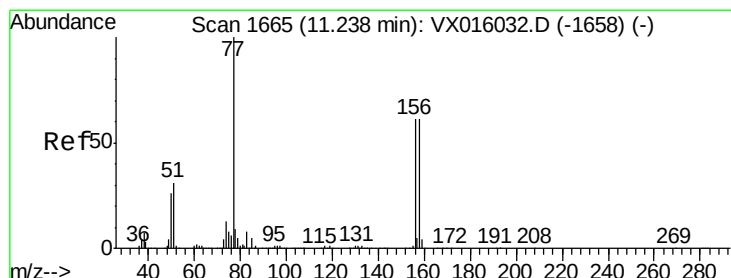
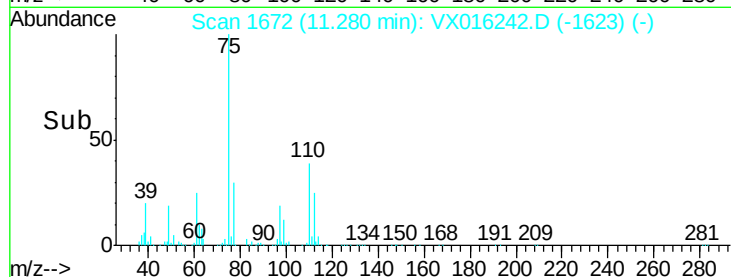
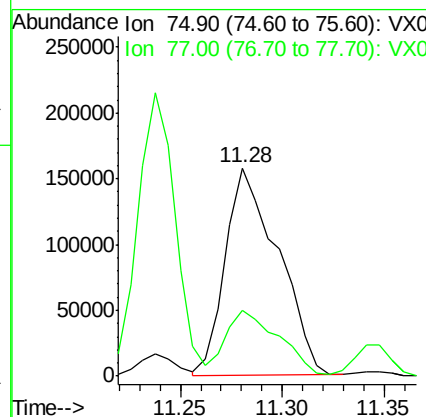
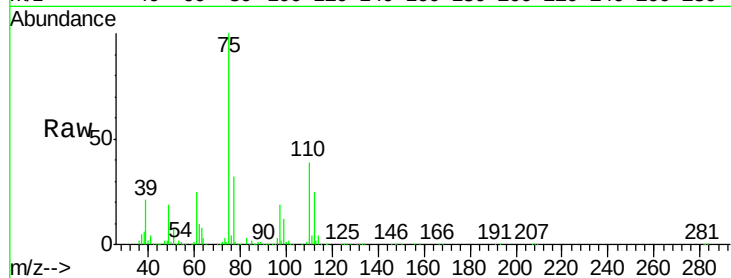
SS052MW098-200513MSD

Tgt Ion: 75 Resp: 282517

Ion Ratio Lower Upper

75 100

77 31.9 21.2 63.6



#77

Bromobenzene

Concen: 46.01 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016242.D

Acq: 14 May 2020 19:25

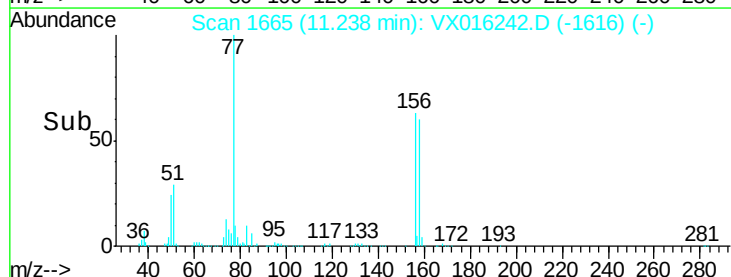
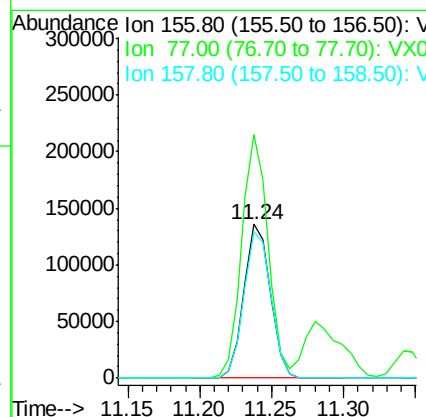
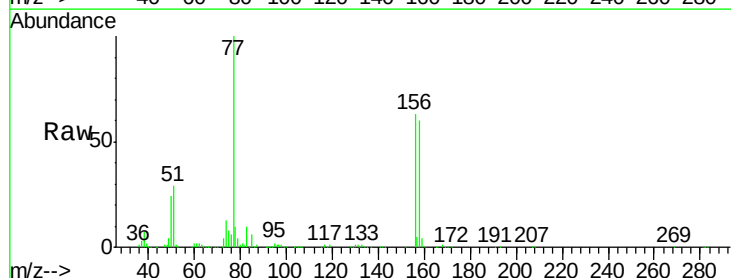
Tgt Ion: 156 Resp: 173762

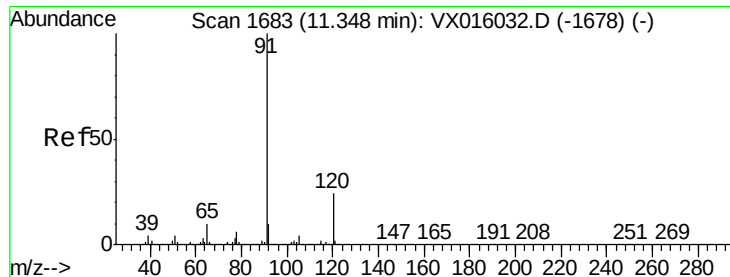
Ion Ratio Lower Upper

156 100

77 157.9 80.1 240.3

158 97.4 49.4 148.2





#78

n-propylbenzene

Concen: 44.61 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VX016242.D

Acq: 14 May 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

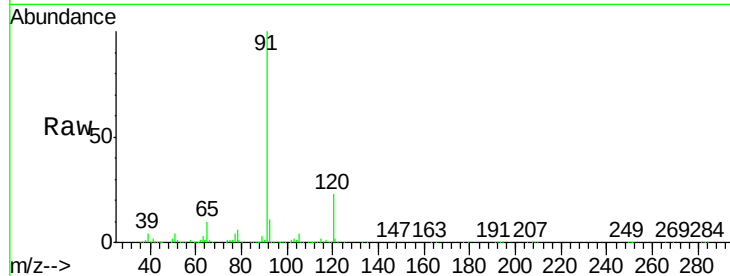
SS052MW098-200513MSD

Tgt Ion: 91 Resp: 759341

Ion Ratio Lower Upper

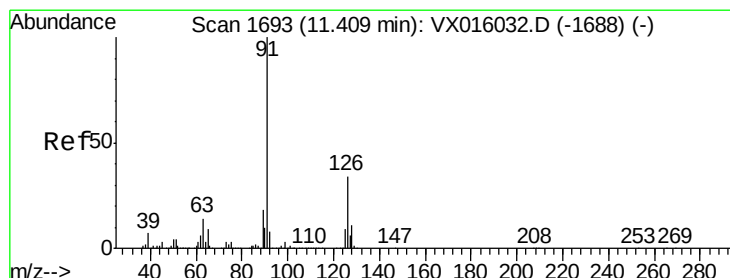
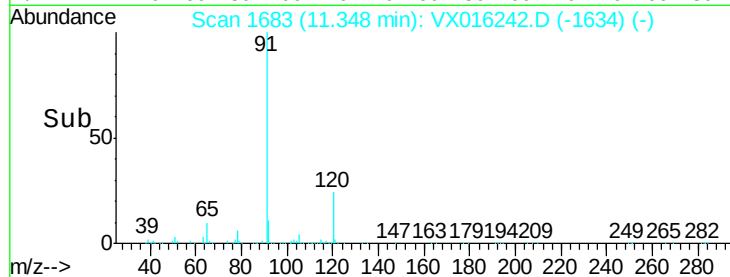
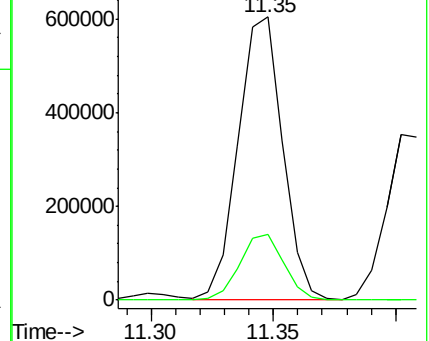
91 100

120 23.3 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 45.79 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.01 min

Lab File: VX016242.D

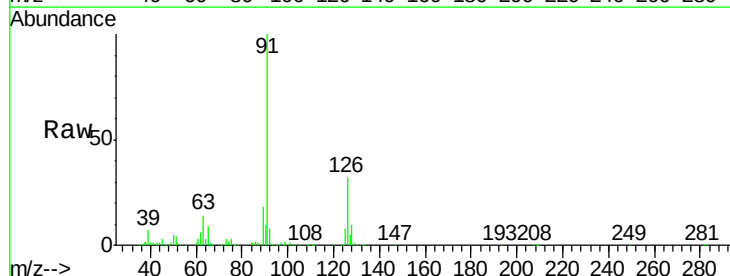
Acq: 14 May 2020 19:25

Tgt Ion: 91 Resp: 460030

Ion Ratio Lower Upper

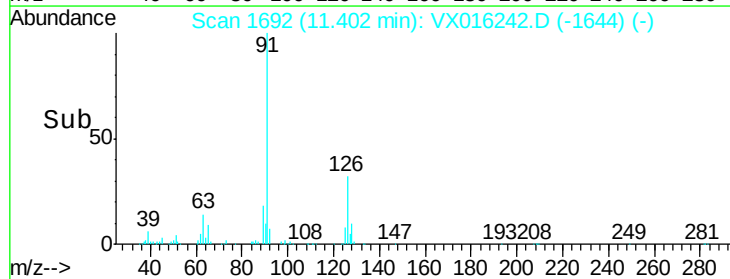
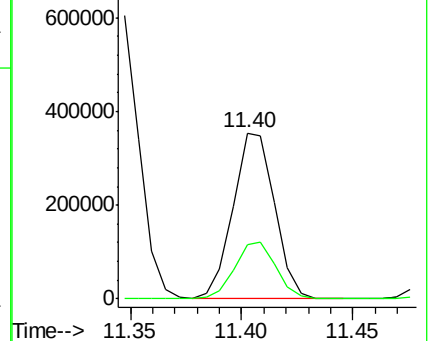
91 100

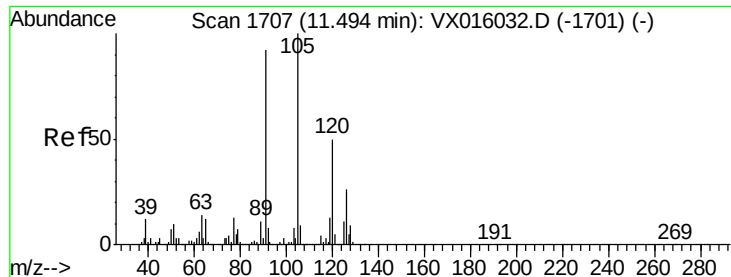
126 33.9 16.9 50.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 45.87 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016242.D

Acq: 14 May 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

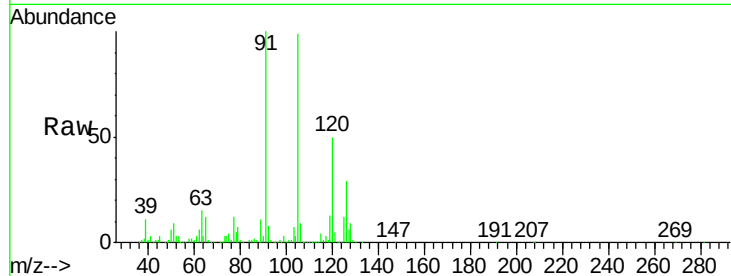
SS052MW098-200513MSD

Tgt Ion:105 Resp: 566651

Ion Ratio Lower Upper

105 100

120 49.4 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.49

400000

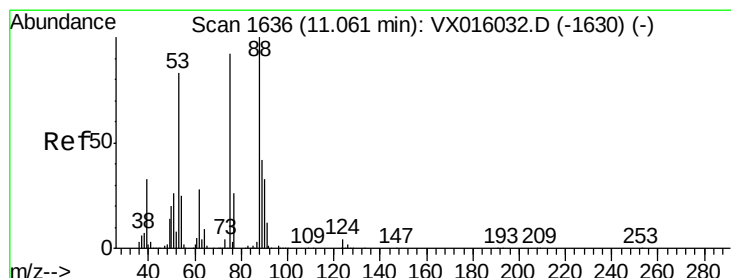
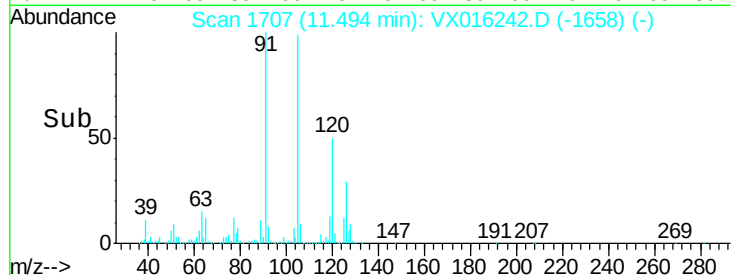
300000

200000

100000

0

Time--> 11.40 11.50 11.60



#81

trans-1,4-Dichloro-2-butene

Concen: 44.46 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX016242.D

Acq: 14 May 2020 19:25

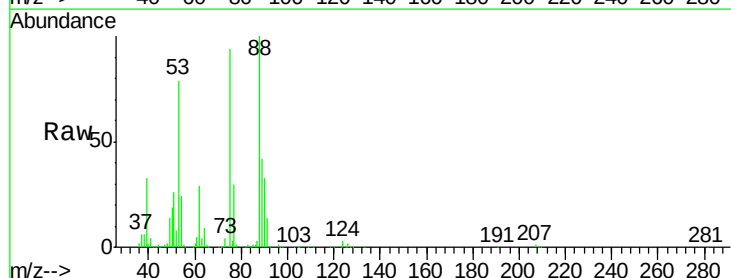
Tgt Ion: 75 Resp: 85166

Ion Ratio Lower Upper

75 100

53 87.8 73.1 109.7

89 45.5 36.7 55.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

100000

80000

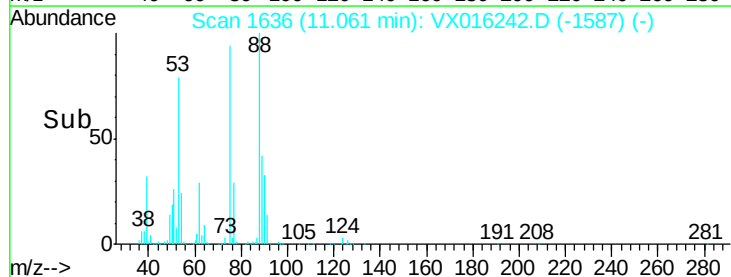
60000

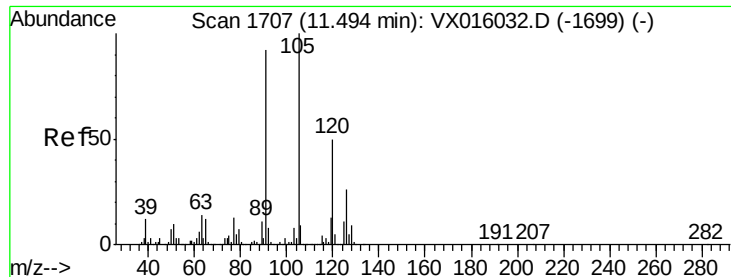
40000

20000

0

Time--> 11.00 11.05 11.10





#82

4-Chlorotoluene

Concen: 45.93 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016242.D

Acq: 14 May 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

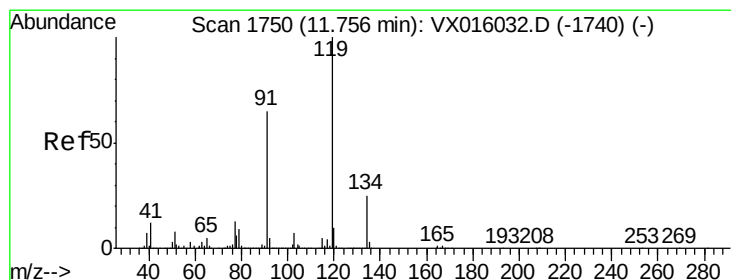
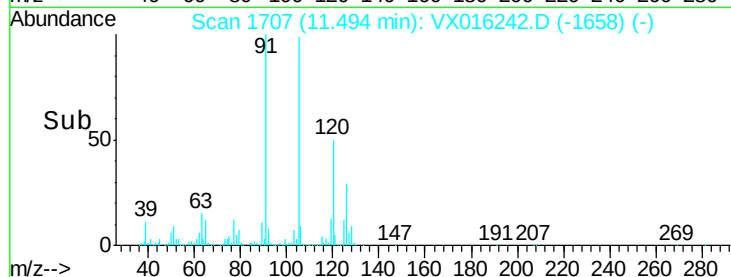
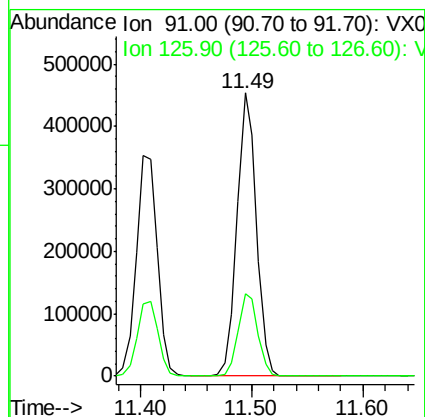
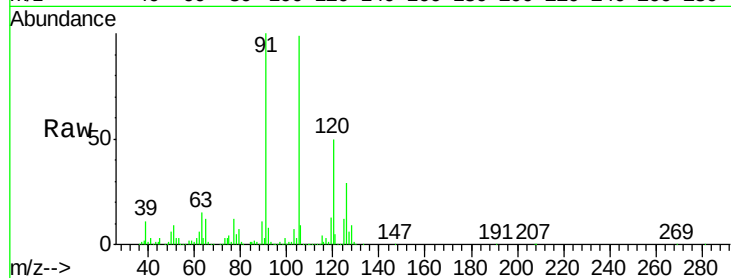
SS052MW098-200513MSD

Tgt Ion: 91 Resp: 544909

Ion Ratio Lower Upper

91 100

126 29.6 14.8 44.3



#83

tert-Butylbenzene

Concen: 46.88 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016242.D

Acq: 14 May 2020 19:25

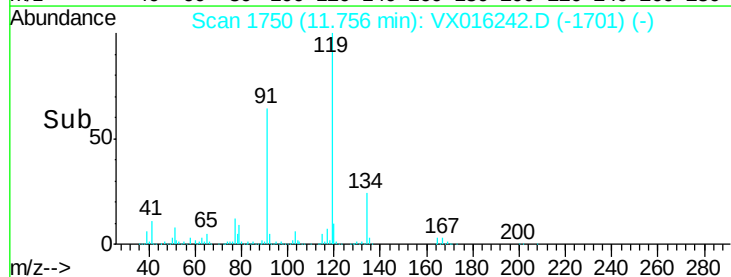
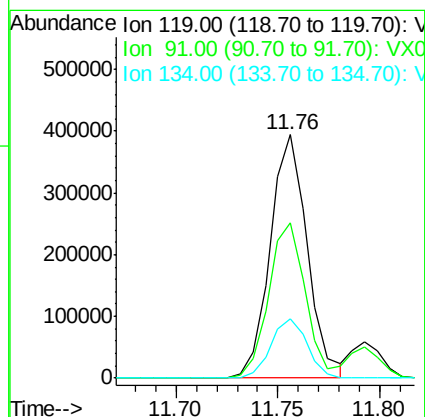
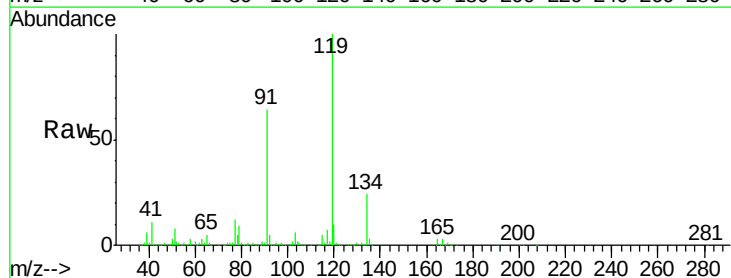
Tgt Ion: 119 Resp: 499049

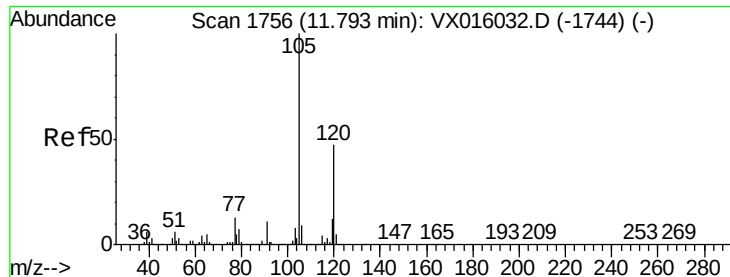
Ion Ratio Lower Upper

119 100

91 62.8 32.8 98.4

134 24.0 12.4 37.0

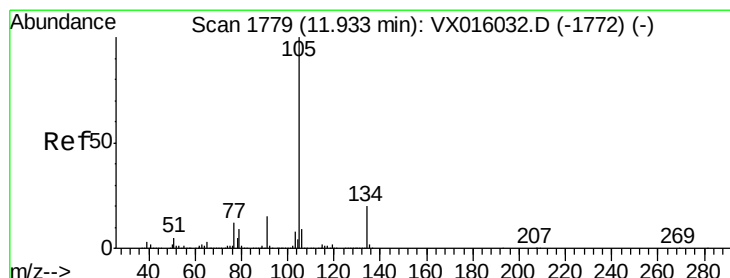
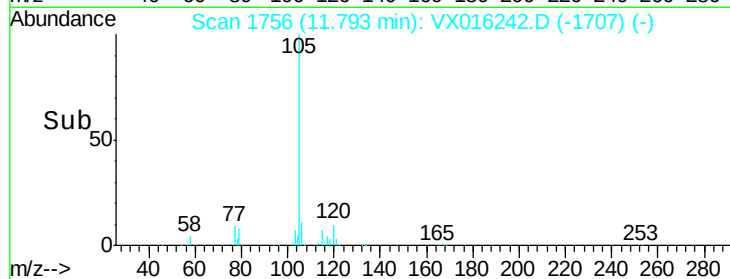
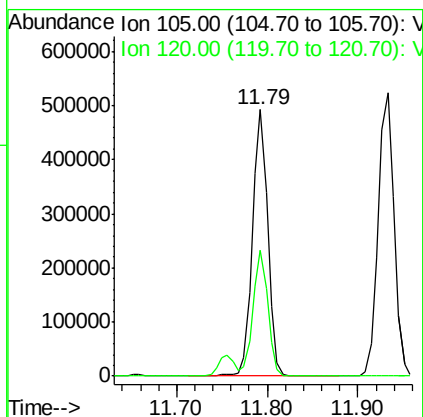
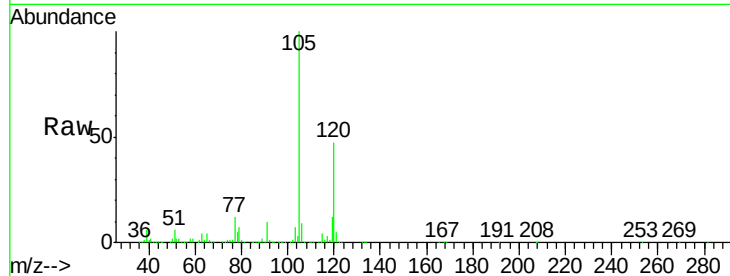




#84
 1,2,4-Trimethylbenzene
 Concen: 46.11 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016242.D
 Acq: 14 May 2020 19:25

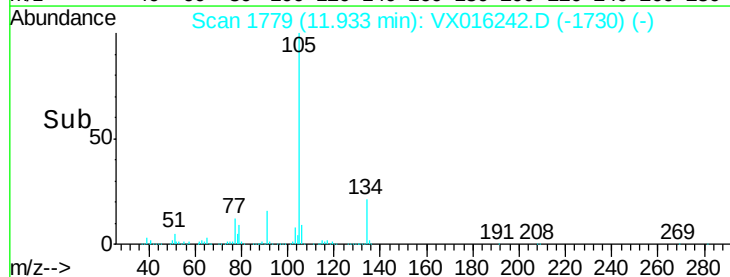
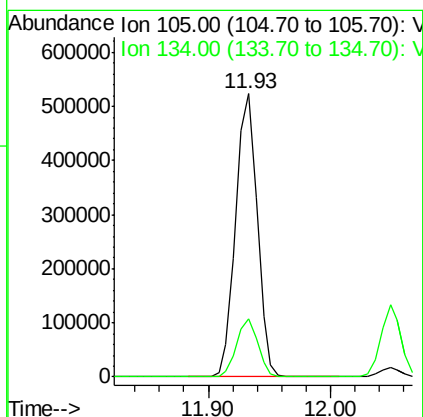
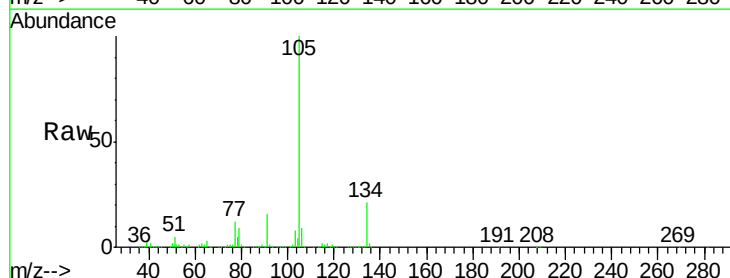
Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW098-200513MSD

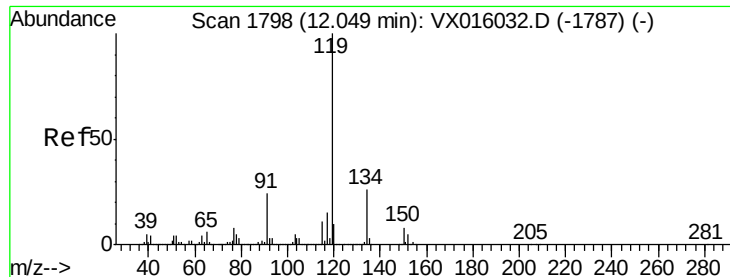
Tgt Ion:105 Resp: 575830
 Ion Ratio Lower Upper
 105 100
 120 45.9 23.0 69.0



#85
 sec-Butylbenzene
 Concen: 44.20 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016242.D
 Acq: 14 May 2020 19:25

Tgt Ion:105 Resp: 635290
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.1 30.3

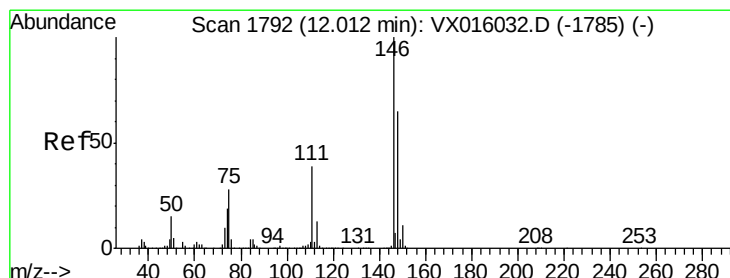
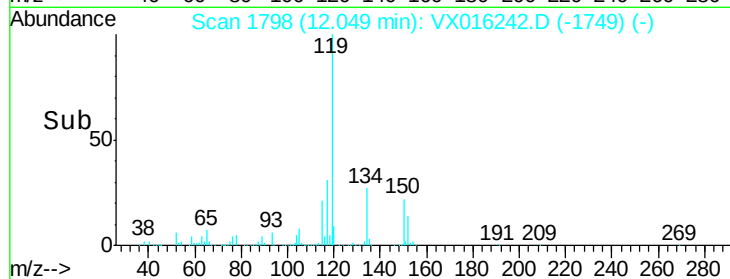
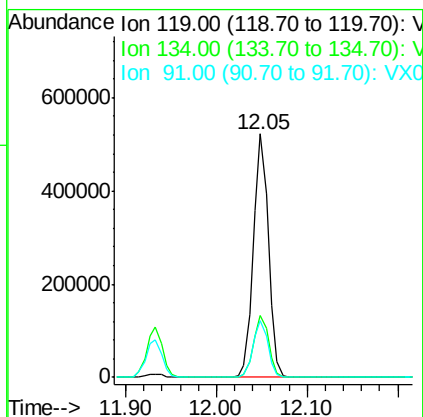
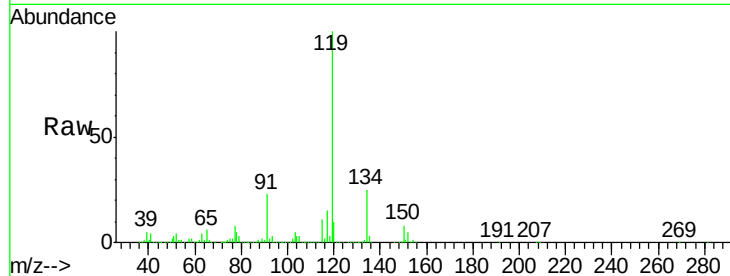




#86
 p-Isopropyltoluene
 Concen: 44.84 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016242.D
 Acq: 14 May 2020 19:25

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW098-200513MSD

Tgt Ion:	119	Resp:	598346
Ion Ratio	Lower	Upper	
119	100		
134	25.7	13.1	39.3
91	23.1	11.8	35.4



#87
 1,3-Dichlorobenzene
 Concen: 45.37 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016242.D
 Acq: 14 May 2020 19:25

Tgt Ion:	146	Resp:	307649
Ion Ratio	Lower	Upper	
146	100		
111	40.7	20.2	60.6
148	64.7	32.1	96.3

