

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030422\
 Data File : VX027304.D
 Acq On : 04 Mar 2022 16:17
 Operator : JC/MD
 Sample : N1793-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-5

Quant Time: Mar 05 00:45:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 23 13:06:57 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

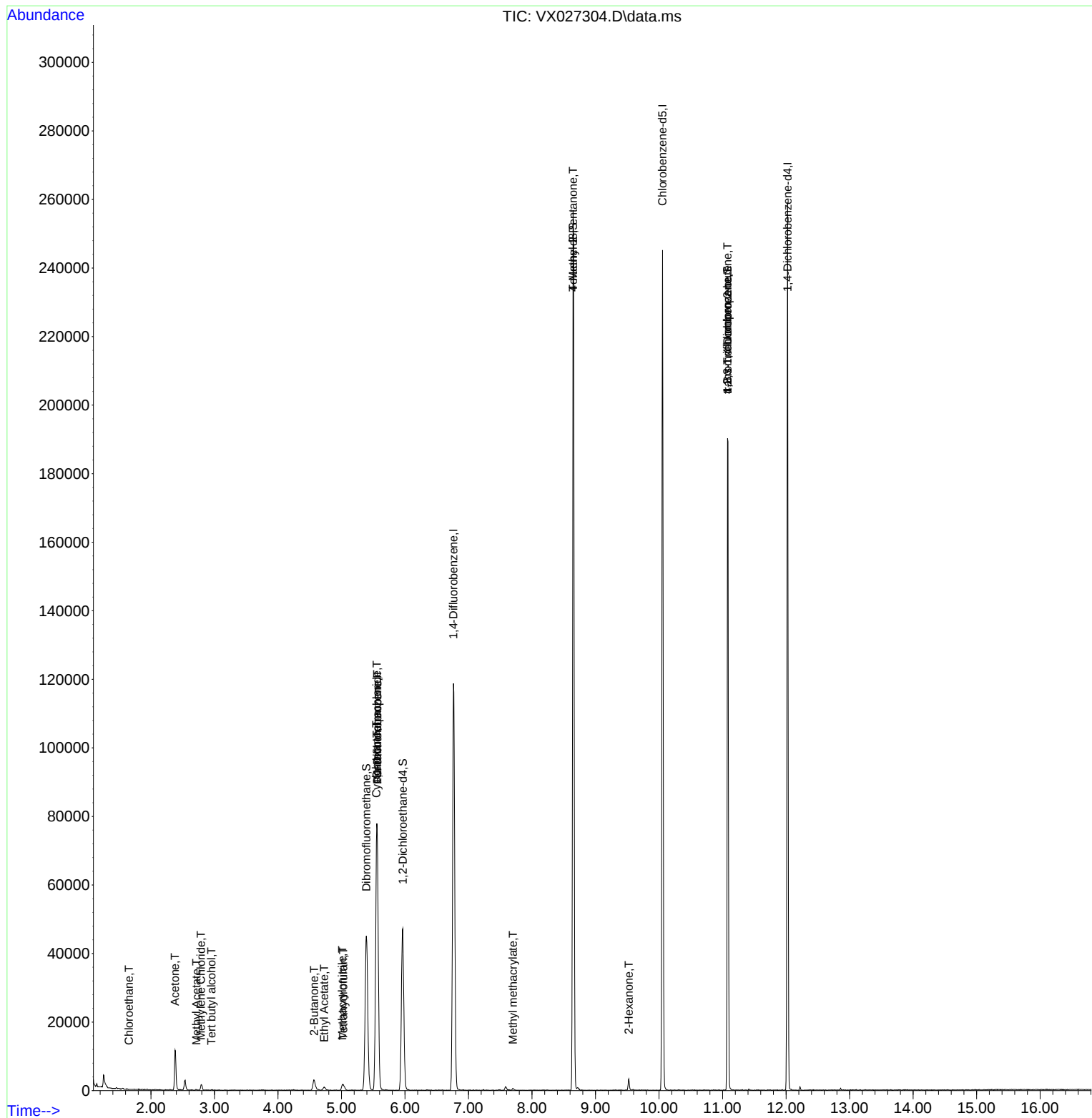
Internal Standards						
1) Pentafluorobenzene	5.562	168	78275	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	125968	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	112142	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	53198	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	46630	49.602	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.200%
35) Dibromofluoromethane	5.391	113	40422	51.697	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.400%
50) Toluene-d8	8.647	98	150525	51.486	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.980%
62) 4-Bromofluorobenzene	11.079	95	52480	46.764	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.520%
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	69	Below Cal	#	73
6) Chloroethane	1.654	64	140	0.315	ug/l #	43
11) Tert butyl alcohol	2.953	59	165	0.902	ug/l #	75
16) Acetone	2.380	43	12402	30.047	ug/l	98
18) Methyl Acetate	2.715	43	228	0.214	ug/l #	53
20) Methylene Chloride	2.788	84	756	0.884	ug/l	88
25) 2-Butanone	4.568	43	5790	8.808	ug/l	93
29) Tetrahydrofuran	5.025	42	1567	3.562	ug/l	94
31) Cyclohexane	5.550	56	1342	0.953	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	5499	4.819	ug/l #	51
37) Ethyl Acetate	4.727	43	1739	1.388	ug/l #	93
38) Carbon Tetrachloride	5.556	117	7627	6.408	ug/l #	17
41) Methacrylonitrile	5.013	41	917	1.334	ug/l #	50
48) Methyl methacrylate	7.702	41	315	0.338	ug/l	95
51) 4-Methyl-2-Pentanone	8.647	43	667	0.532	ug/l #	1
59) 2-Hexanone	9.525	43	422	0.441	ug/l #	41
76) 1,2,3-Trichloropropane	11.079	75	25739	24.021	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	25739	68.226	ug/l #	3

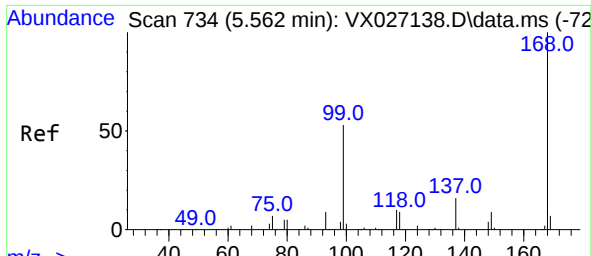
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-5

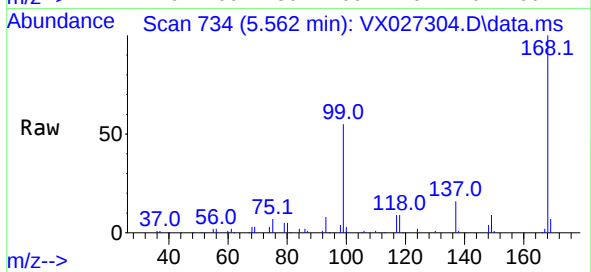
Quant Time: Mar 05 00:45:01 2022
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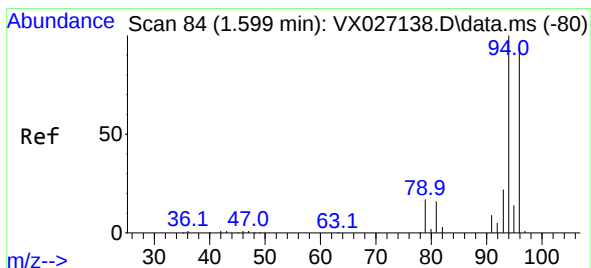
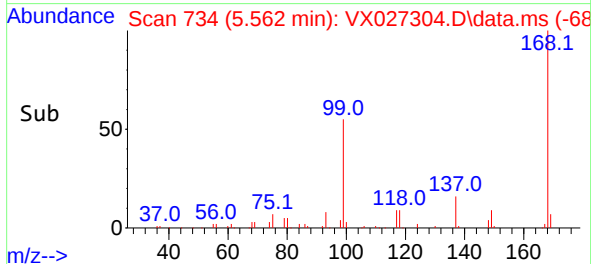
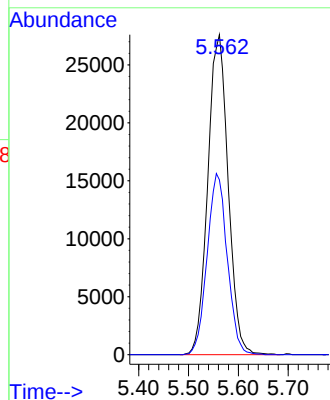


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027304.D
Acq: 04 Mar 2022 16:17

Instrument :
MSVOA_X
Client Sample Id :
SB-5

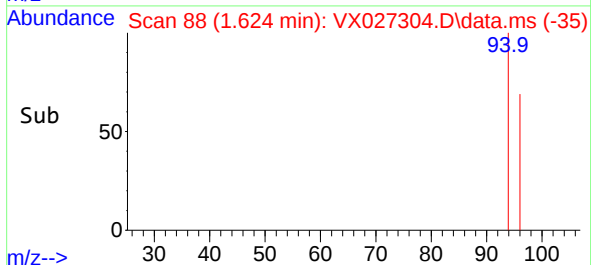
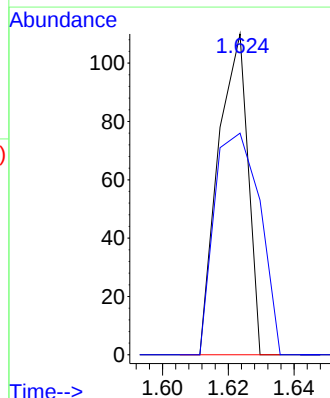
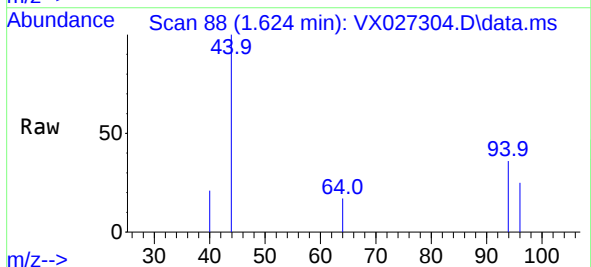


Tgt Ion: 168 Resp: 78275
Ion Ratio Lower Upper
168 100
99 54.6 50.3 75.5

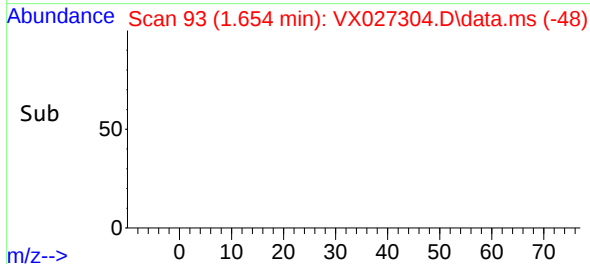
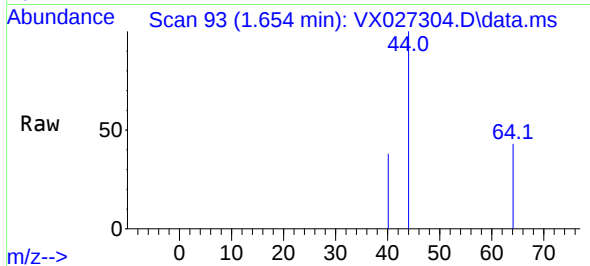
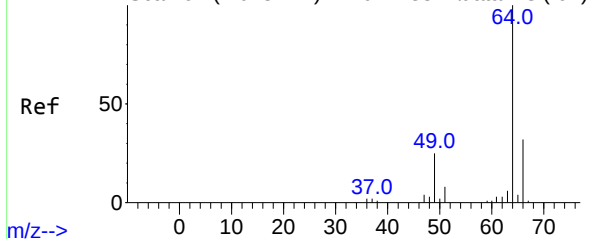


#5
Bromomethane
Concen: Below Cal
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX027304.D
Acq: 04 Mar 2022 16:17

Tgt Ion: 94 Resp: 69
Ion Ratio Lower Upper
94 100
96 69.1 75.9 113.9#



Abundance Scan 97 (1.678 min): VX027138.D\data.ms (-91)



#6

Chloroethane

Concen: 0.315 ug/l

RT: 1.654 min Scan# 91

Delta R.T. -0.024 min

Lab File: VX027304.D

Acq: 04 Mar 2022 16:17

Instrument :

MSVOA_X

ClientSampleId :

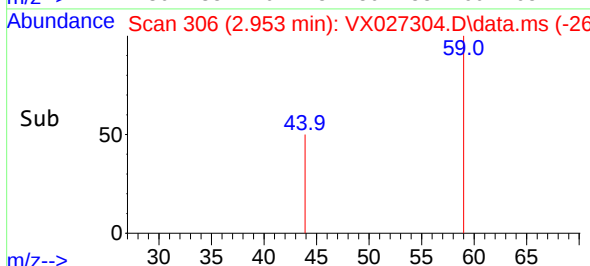
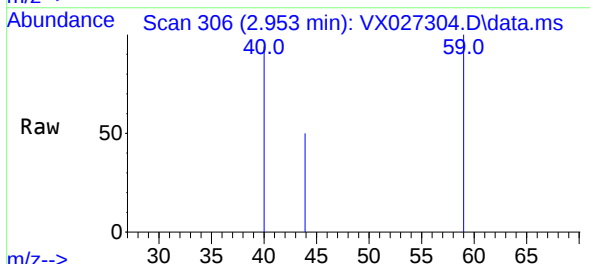
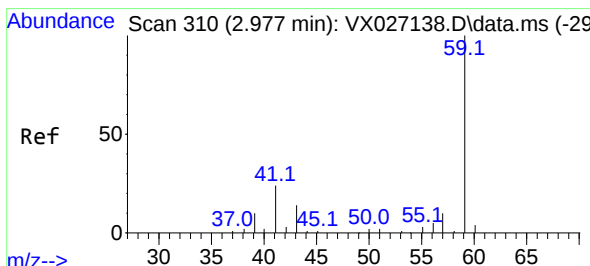
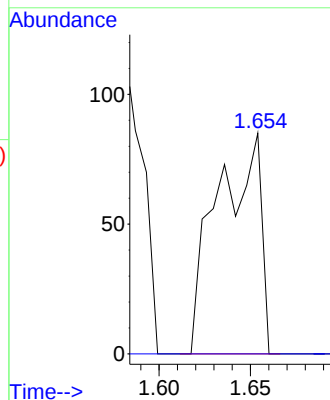
SB-5

Tgt Ion: 64 Resp: 140

Ion Ratio Lower Upper

64 100

66 0.0 25.4 38.2#



#11

Tert butyl alcohol

Concen: 0.902 ug/l

RT: 2.953 min Scan# 306

Delta R.T. -0.024 min

Lab File: VX027304.D

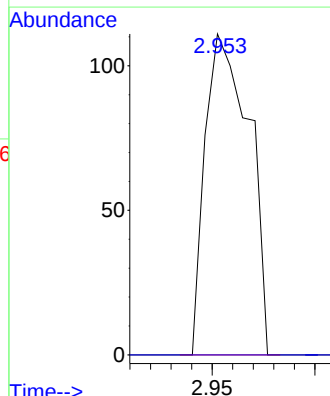
Acq: 04 Mar 2022 16:17

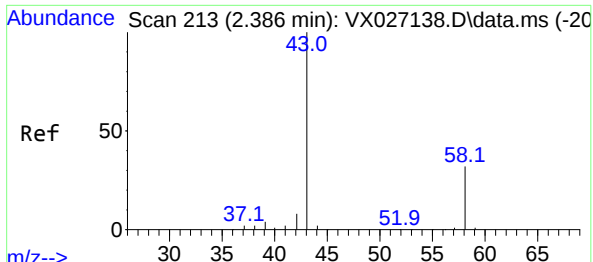
Tgt Ion: 59 Resp: 165

Ion Ratio Lower Upper

59 100

57 0.0 7.2 10.8#

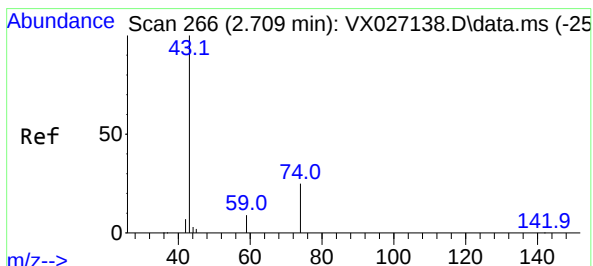
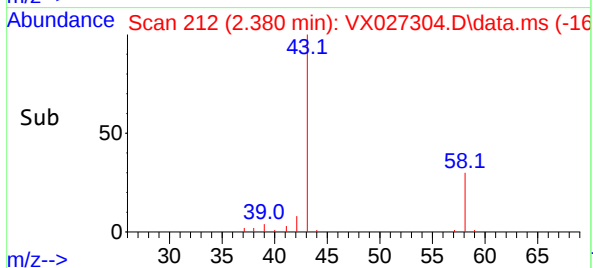
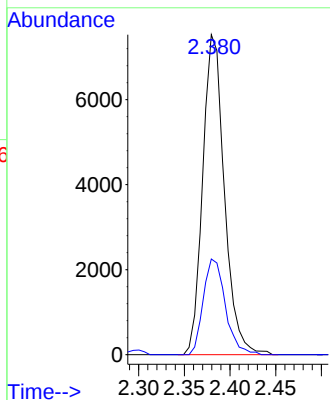
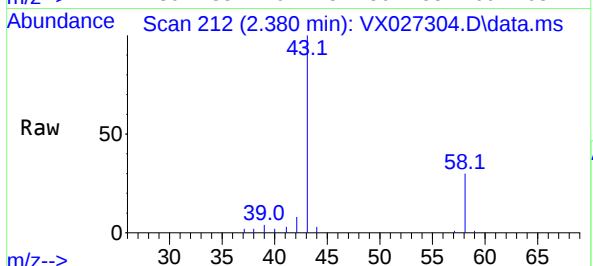




#16
Acetone
Concen: 30.047 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX027304.D
Acq: 04 Mar 2022 16:17

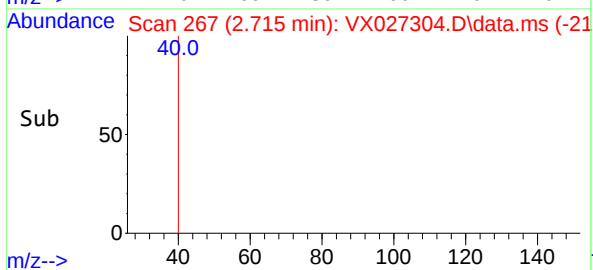
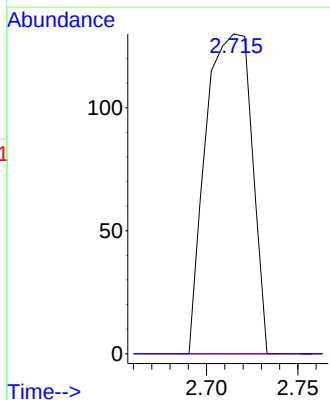
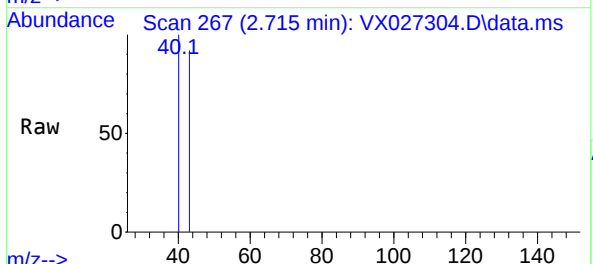
Instrument :
MSVOA_X
ClientSampleId :
SB-5

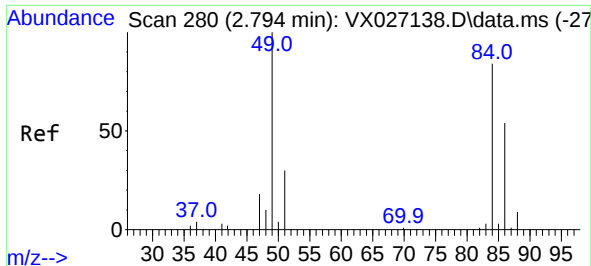
Tgt Ion: 43 Resp: 12402
Ion Ratio Lower Upper
43 100
58 29.9 23.0 34.6



#18
Methyl Acetate
Concen: 0.214 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX027304.D
Acq: 04 Mar 2022 16:17

Tgt Ion: 43 Resp: 228
Ion Ratio Lower Upper
43 100
74 0.0 18.3 27.5#



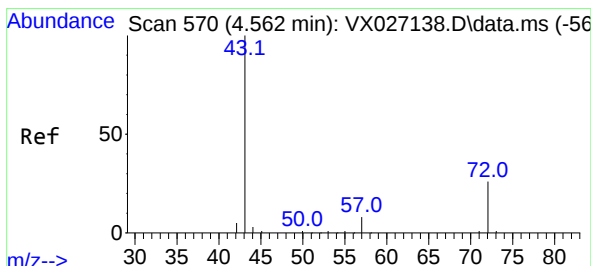
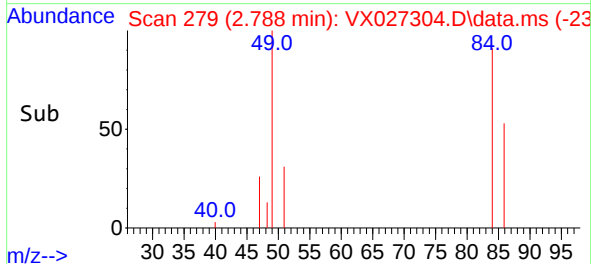
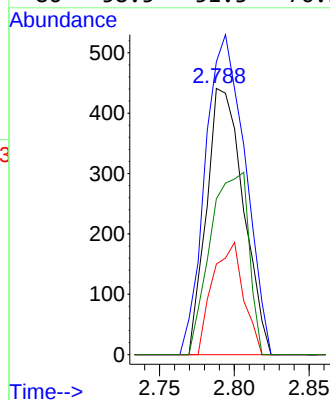
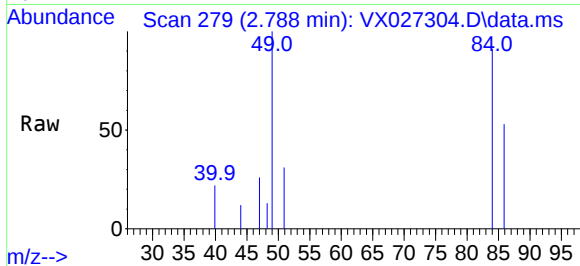


#20
Methylene Chloride
Concen: 0.884 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX027304.D
Acq: 04 Mar 2022 16:17

Instrument :
MSVOA_X
ClientSampleId :
SB-5

Tgt Ion: 84 Resp: 756

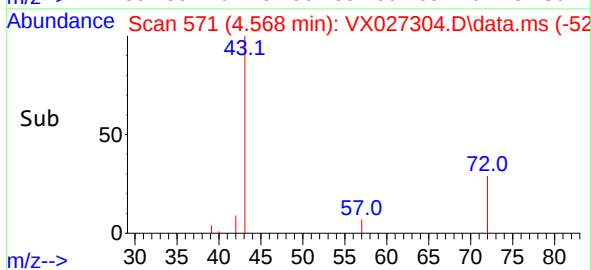
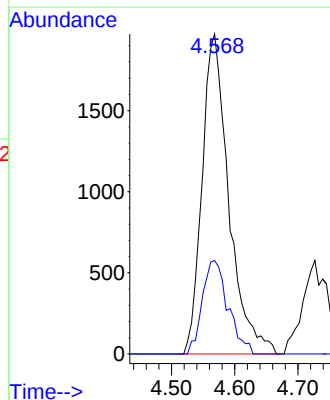
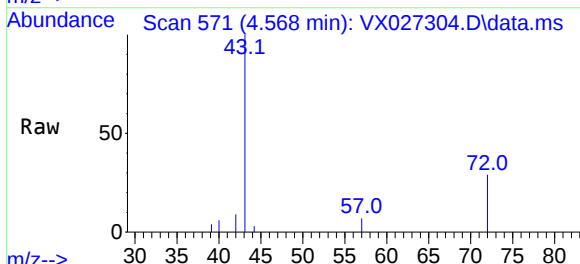
Ion	Ratio	Lower	Upper
84	100		
49	110.0	101.5	152.3
51	34.0	31.2	46.8
86	58.5	51.3	76.9

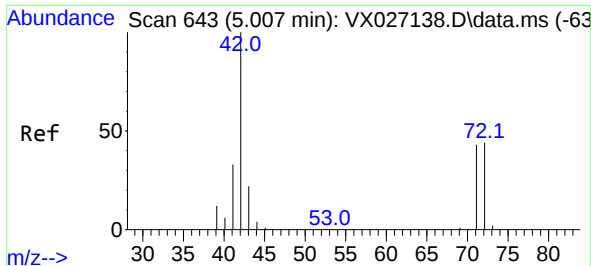


#25
2-Butanone
Concen: 8.808 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX027304.D
Acq: 04 Mar 2022 16:17

Tgt Ion: 43 Resp: 5790

Ion	Ratio	Lower	Upper
43	100		
72	29.2	20.4	30.6

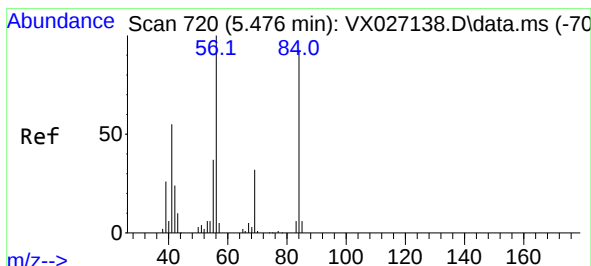
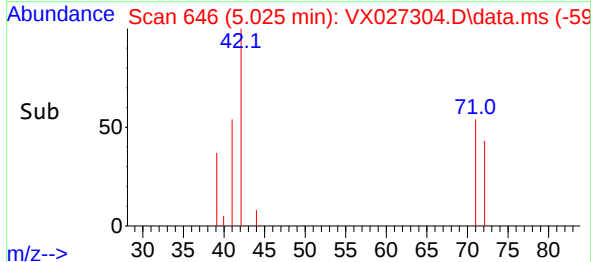
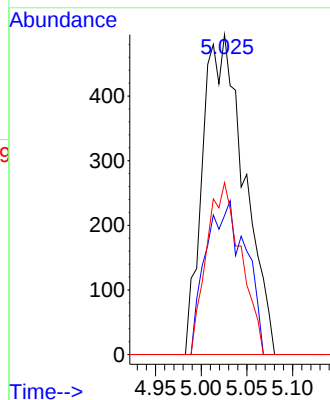
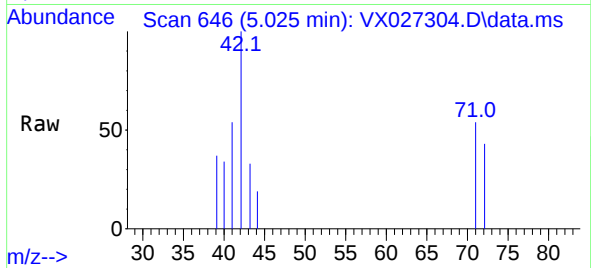




#29
Tetrahydrofuran
Concen: 3.562 ug/l
RT: 5.025 min Scan# 643
Delta R.T. 0.018 min
Lab File: VX027304.D
Acq: 04 Mar 2022 16:17

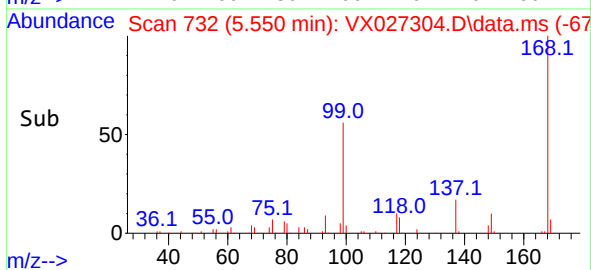
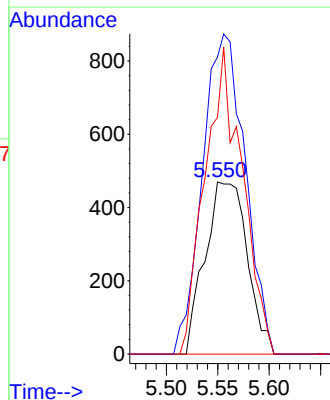
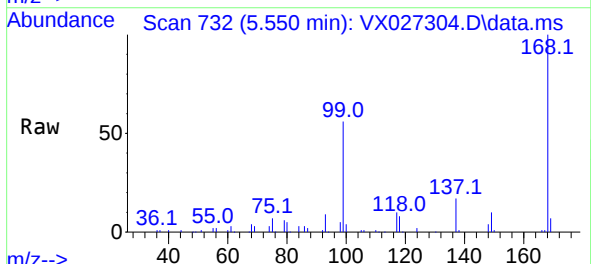
Instrument :
MSVOA_X
ClientSampleId :
SB-5

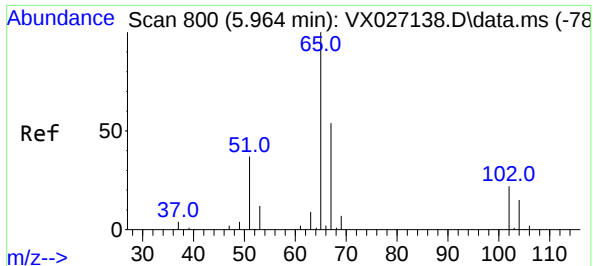
Tgt Ion:	42	Resp:	1567
Ion	Ratio	Lower	Upper
42	100		
72	46.1	34.6	52.0
71	44.2	31.8	47.8



#31
Cyclohexane
Concen: 0.953 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.074 min
Lab File: VX027304.D
Acq: 04 Mar 2022 16:17

Tgt Ion:	56	Resp:	1342
Ion	Ratio	Lower	Upper
56	100		
69	172.6	25.8	38.6#
84	137.4	68.9	103.3#





#33

1,2-Dichloroethane-d4

Concen: 49.602 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX027304.D

Acq: 04 Mar 2022 16:17

Instrument :

MSVOA_X

ClientSampleId :

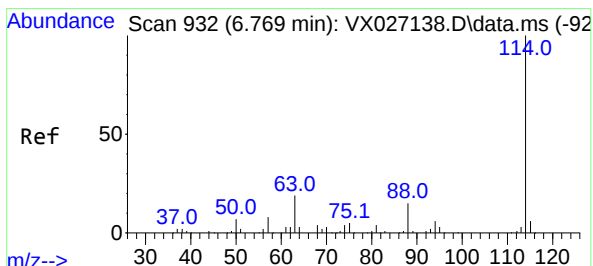
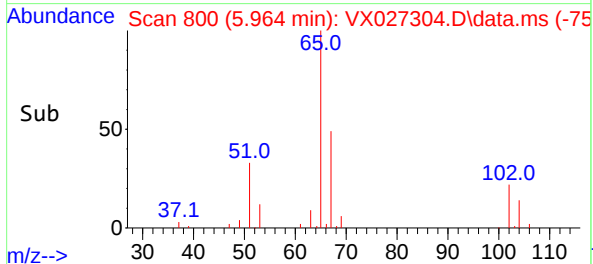
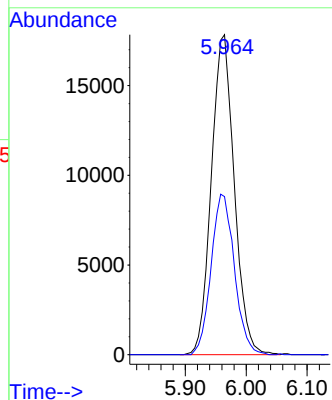
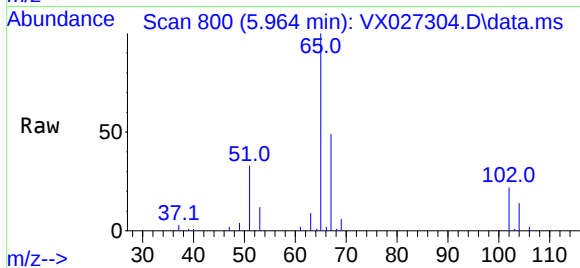
SB-5

Tgt Ion: 65 Resp: 46630

Ion Ratio Lower Upper

65 100

67 51.0 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX027304.D

Acq: 04 Mar 2022 16:17

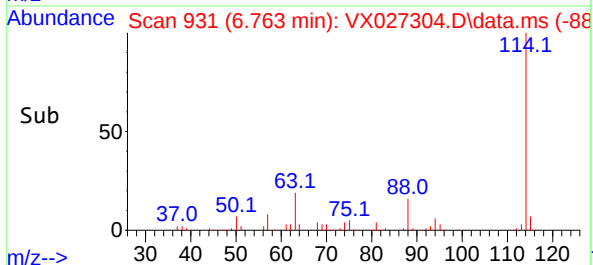
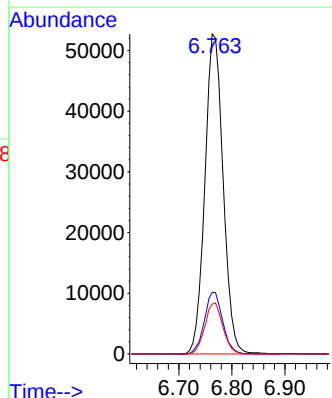
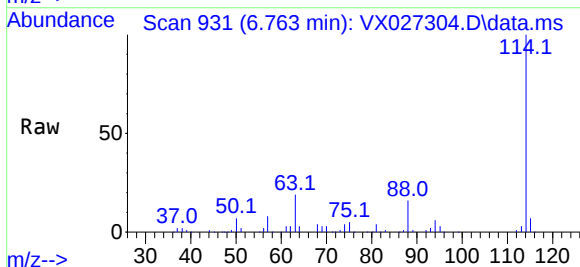
Tgt Ion: 114 Resp: 125968

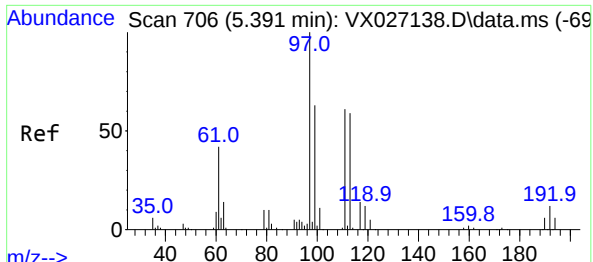
Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.8

88 15.6 0.0 33.0

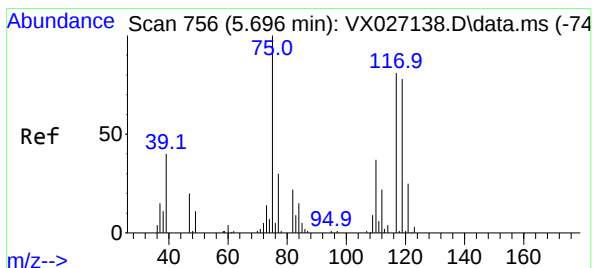
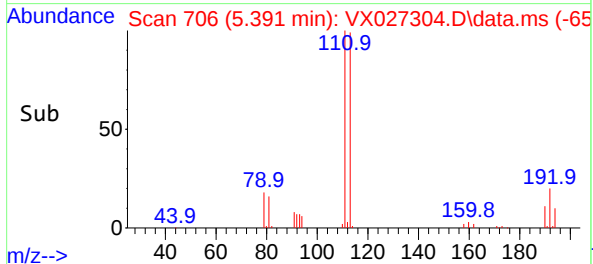
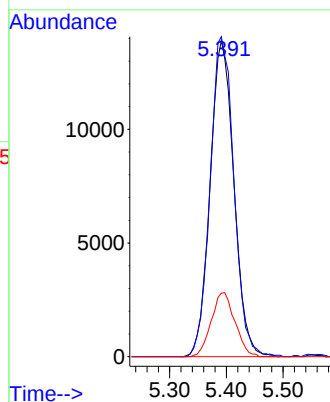
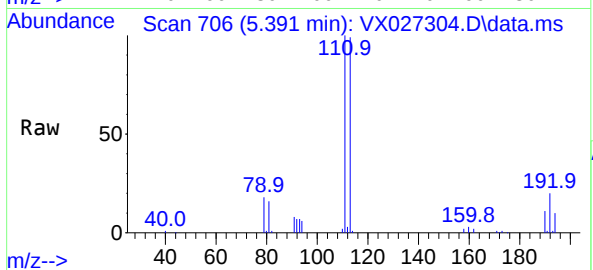




#35
Dibromofluoromethane
Concen: 51.697 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027304.D
Acq: 04 Mar 2022 16:17

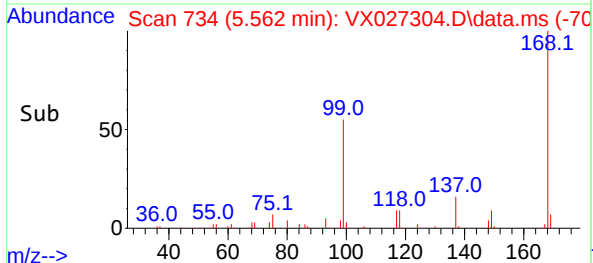
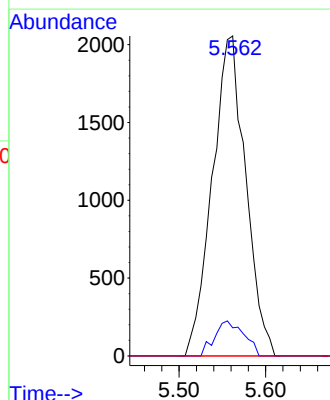
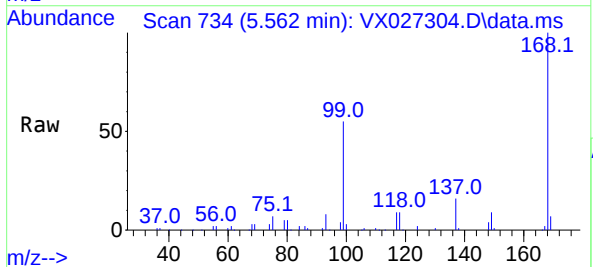
Instrument :
MSVOA_X
ClientSampleId :
SB-5

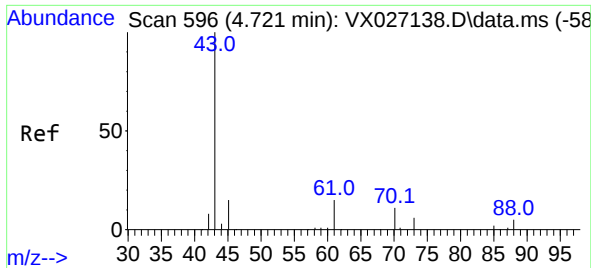
Tgt Ion:113 Resp: 40422
Ion Ratio Lower Upper
113 100
111 101.4 81.2 121.8
192 20.2 15.0 22.4



#36
1,1-Dichloropropene
Concen: 4.819 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX027304.D
Acq: 04 Mar 2022 16:17

Tgt Ion: 75 Resp: 5499
Ion Ratio Lower Upper
75 100
110 9.6 17.2 51.6#
77 0.0 24.6 36.8#

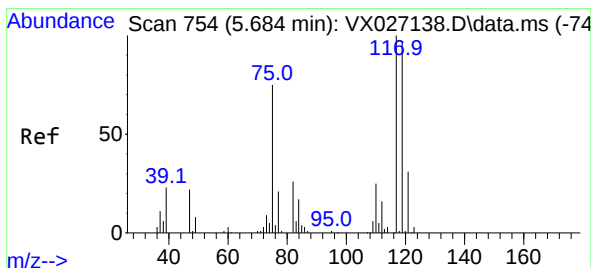
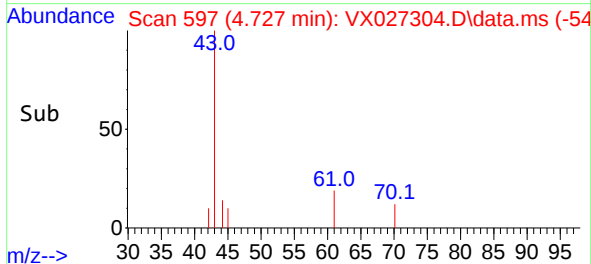
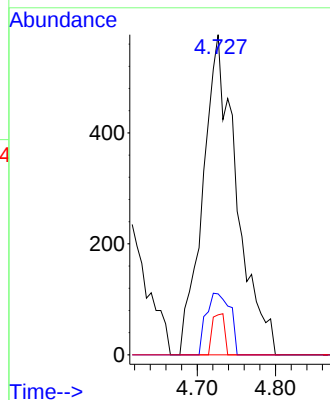
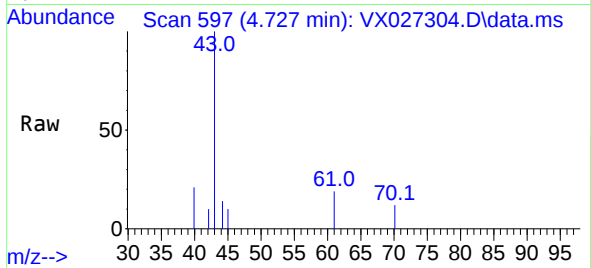




#37
Ethyl Acetate
Concen: 1.388 ug/l
RT: 4.727 min Scan# 596
Delta R.T. 0.006 min
Lab File: VX027304.D
Acq: 04 Mar 2022 16:17

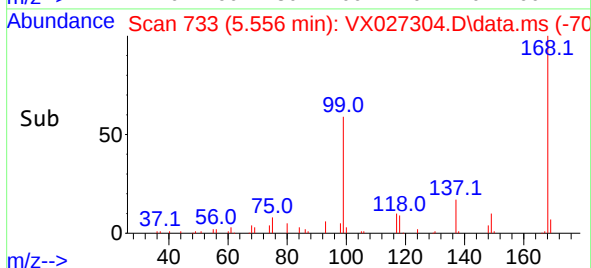
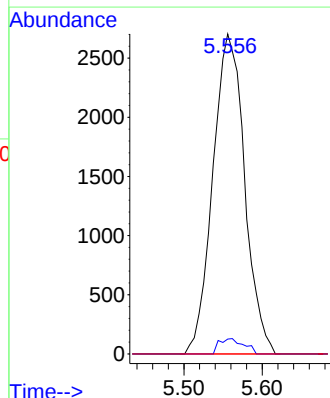
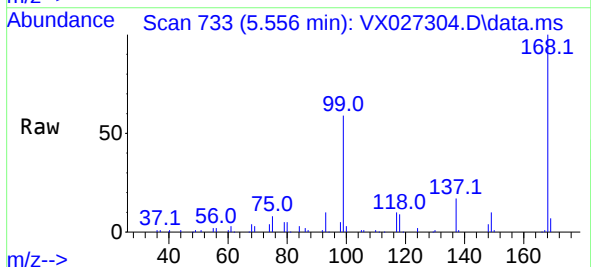
Instrument :
MSVOA_X
ClientSampleId :
SB-5

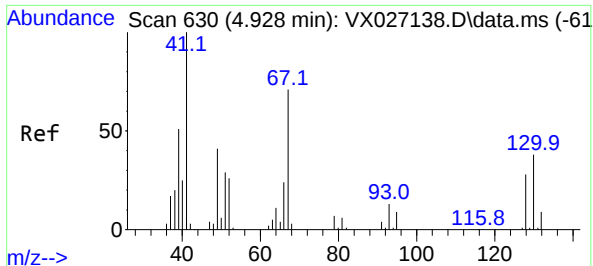
Tgt Ion: 43	Resp:	1739
Ion	Ratio	Lower Upper
43	100	
61	13.5	10.6 16.0
70	4.5	8.5 12.7#



#38
Carbon Tetrachloride
Concen: 6.408 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX027304.D
Acq: 04 Mar 2022 16:17

Tgt Ion: 117	Resp:	7627
Ion	Ratio	Lower Upper
117	100	
119	4.7	74.7 112.1#
121	0.0	25.4 38.0#

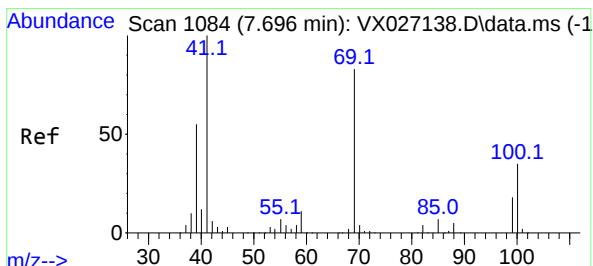
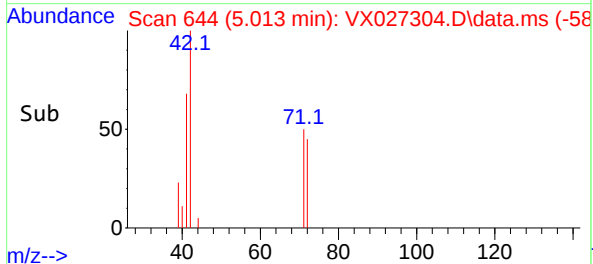
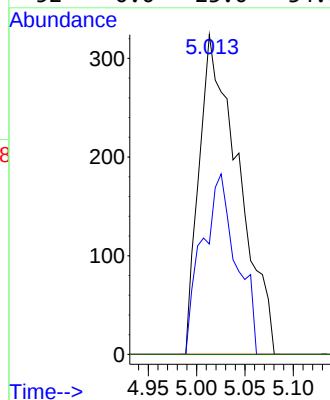
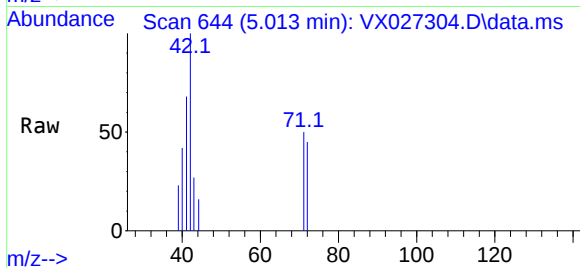




#41
Methacrylonitrile
Concen: 1.334 ug/l
RT: 5.013 min Scan# 644
Delta R.T. 0.085 min
Lab File: VX027304.D
Acq: 04 Mar 2022 16:17

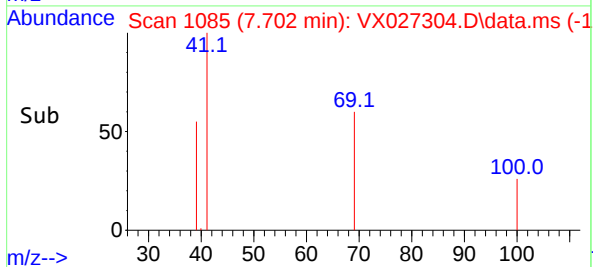
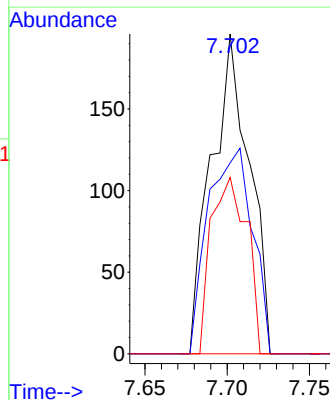
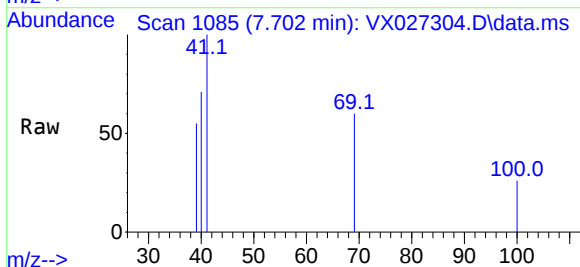
Instrument :
MSVOA_X
ClientSampleId :
SB-5

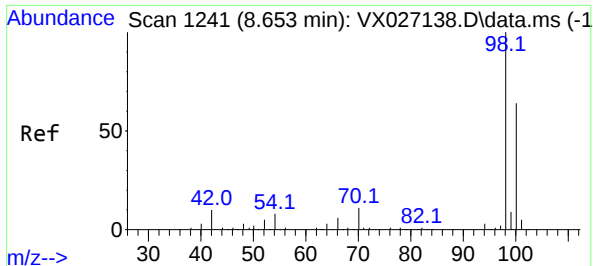
Tgt Ion:	41	Resp:	917
Ion	Ratio	Lower	Upper
41	100		
39	49.3	45.4	68.0
67	0.0	53.2	79.8#
52	0.0	23.0	34.6#



#48
Methyl methacrylate
Concen: 0.338 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.006 min
Lab File: VX027304.D
Acq: 04 Mar 2022 16:17

Tgt Ion:	41	Resp:	315
Ion	Ratio	Lower	Upper
41	100		
69	74.9	62.2	93.4
39	51.7	45.4	68.0

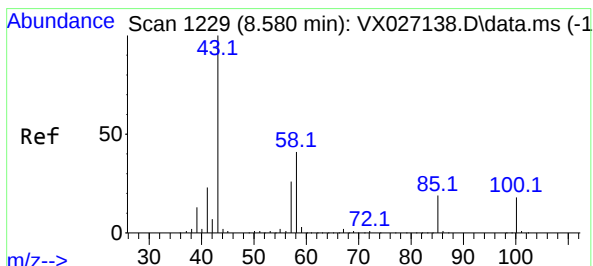
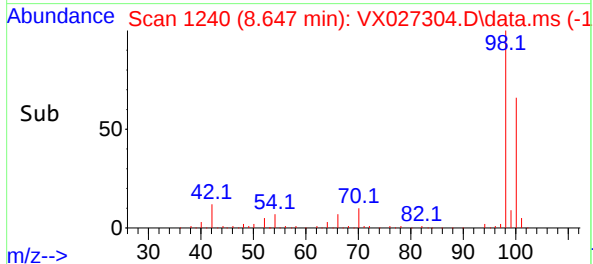
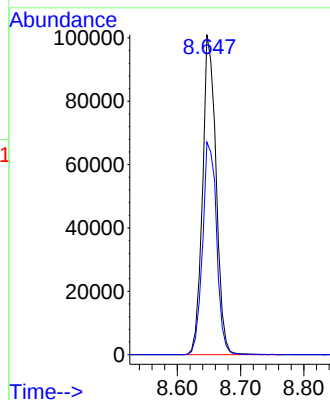
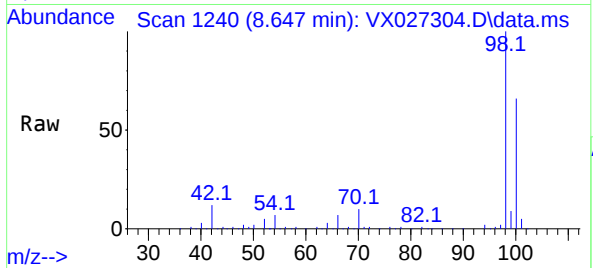




#50
Toluene-d8
Concen: 51.486 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX027304.D
Acq: 04 Mar 2022 16:17

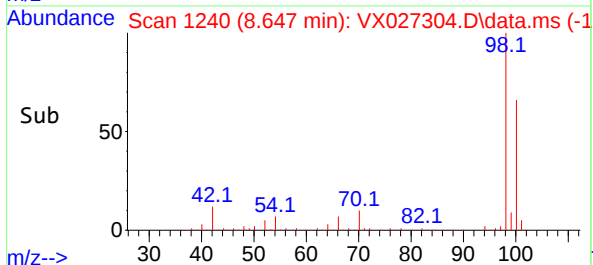
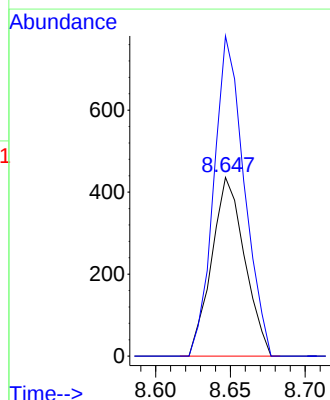
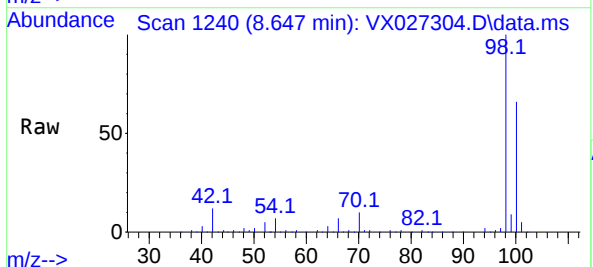
Instrument :
MSVOA_X
ClientSampleId :
SB-5

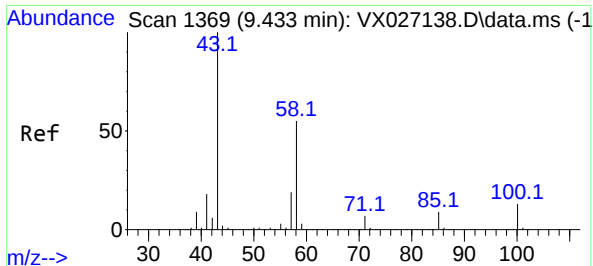
Tgt Ion: 98 Resp: 150525
Ion Ratio Lower Upper
98 100
100 68.7 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 0.532 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX027304.D
Acq: 04 Mar 2022 16:17

Tgt Ion: 43 Resp: 667
Ion Ratio Lower Upper
43 100
58 165.8 30.5 45.7#





#59

2-Hexanone

Concen: 0.441 ug/l

RT: 9.525 min Scan# 11

Delta R.T. 0.092 min

Lab File: VX027304.D

Acq: 04 Mar 2022 16:17

Instrument :

MSVOA_X

ClientSampleId :

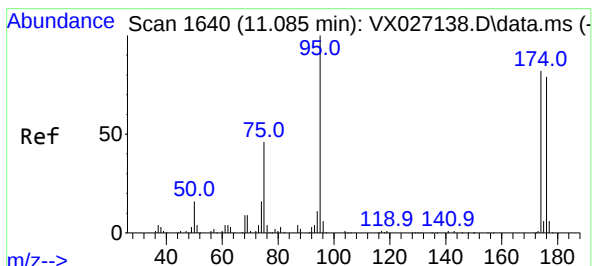
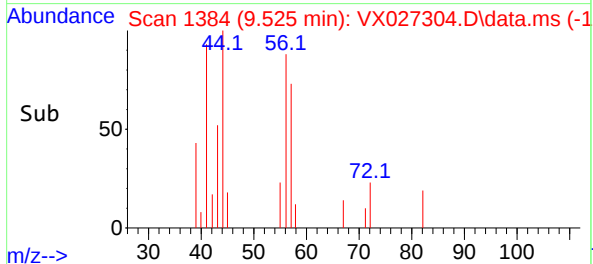
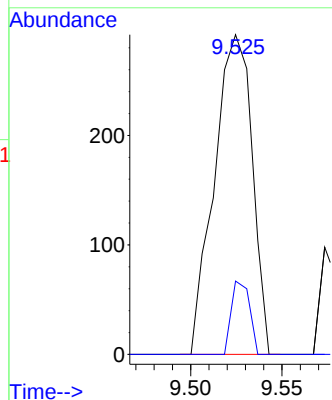
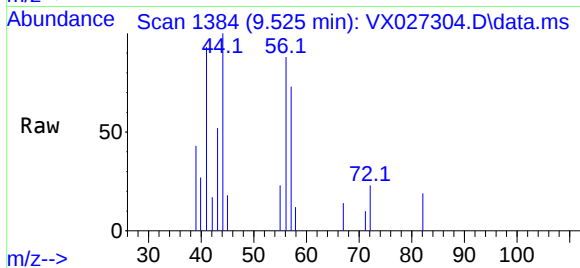
SB-5

Tgt Ion: 43 Resp: 422

Ion Ratio Lower Upper

43 100

58 10.9 26.4 79.2#



#62

4-Bromofluorobenzene

Concen: 46.764 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX027304.D

Acq: 04 Mar 2022 16:17

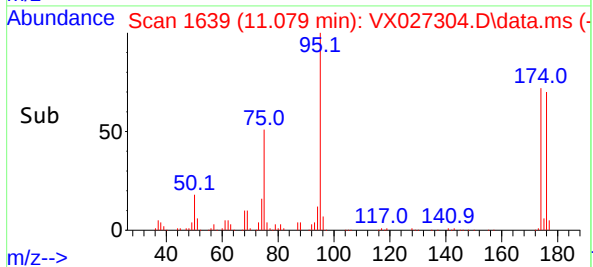
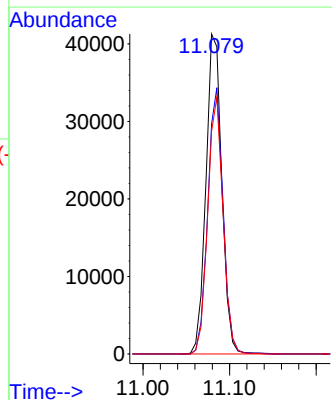
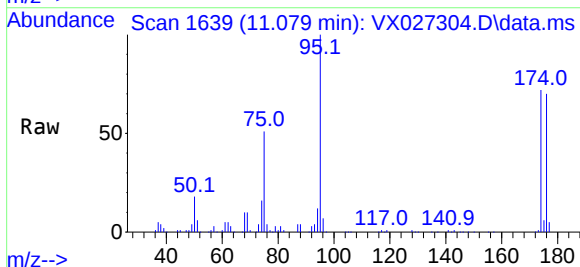
Tgt Ion: 95 Resp: 52480

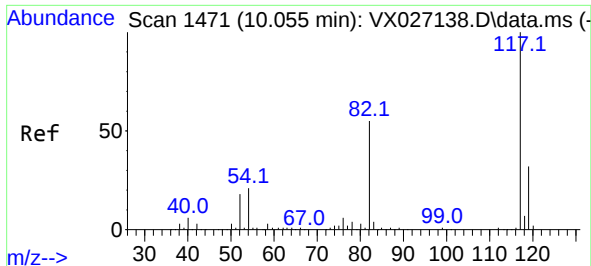
Ion Ratio Lower Upper

95 100

174 80.6 0.0 148.6

176 77.5 0.0 141.4

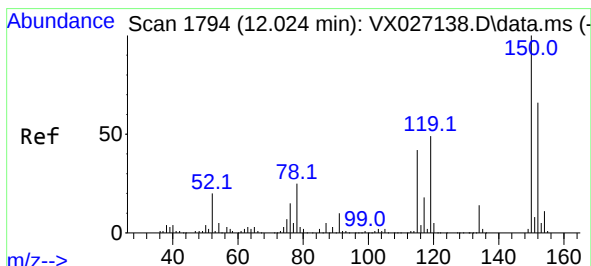
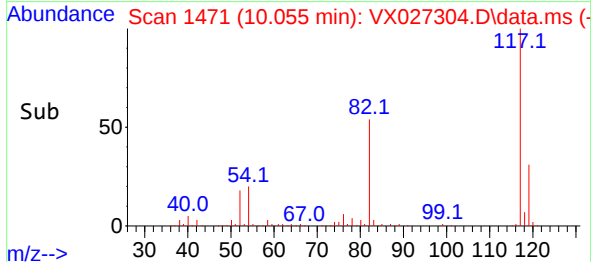
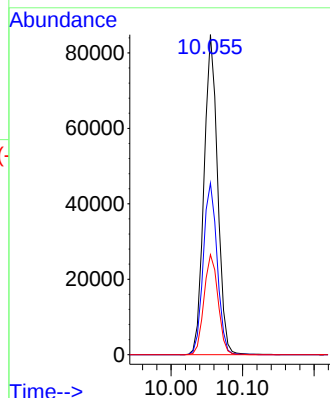
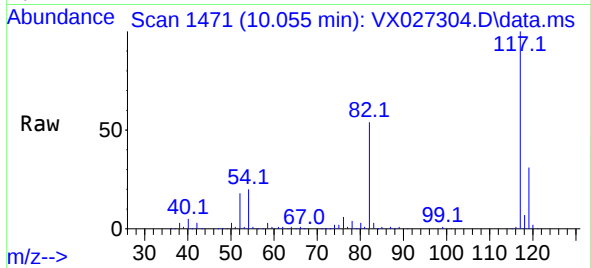




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027304.D
Acq: 04 Mar 2022 16:17

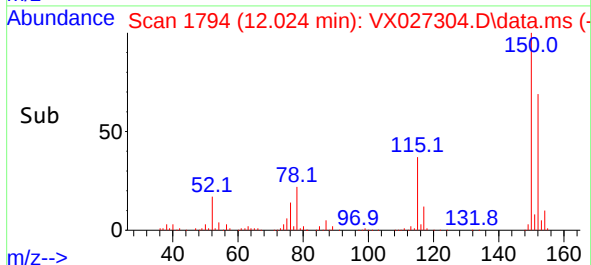
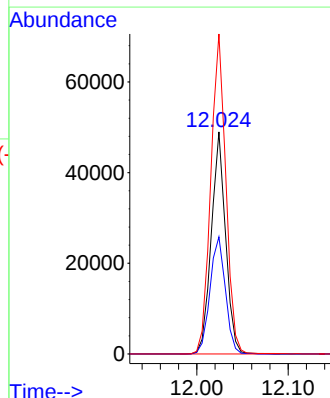
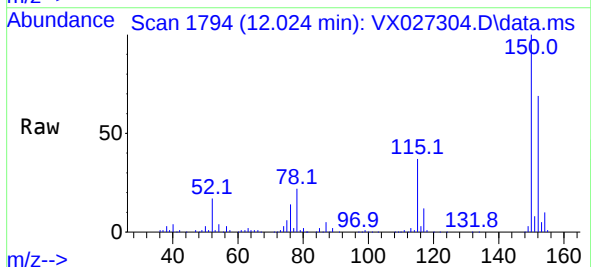
Instrument :
MSVOA_X
ClientSampleId :
SB-5

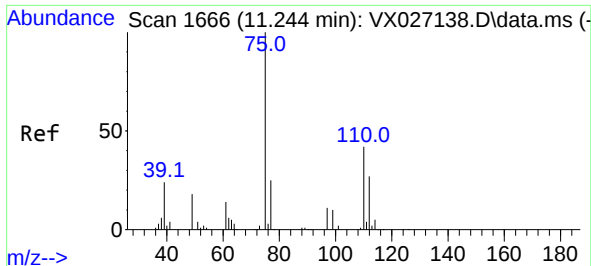
Tgt Ion:117 Resp: 112142
Ion Ratio Lower Upper
117 100
82 53.6 45.2 67.8
119 31.3 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027304.D
Acq: 04 Mar 2022 16:17

Tgt Ion:152 Resp: 53198
Ion Ratio Lower Upper
152 100
115 56.5 44.2 132.6
150 151.5 0.0 348.2

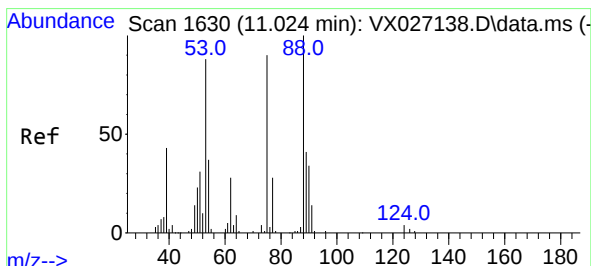
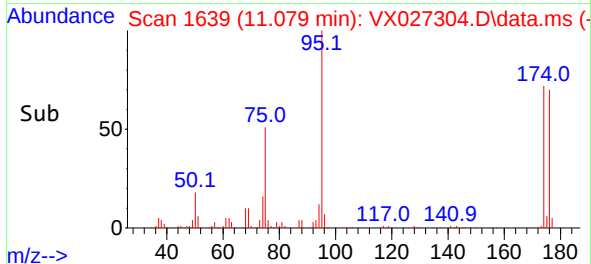
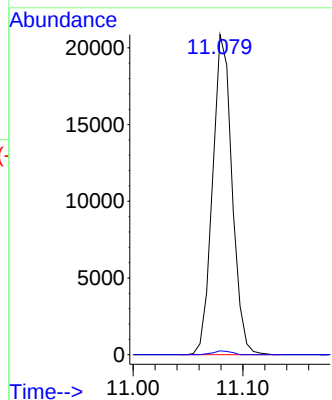
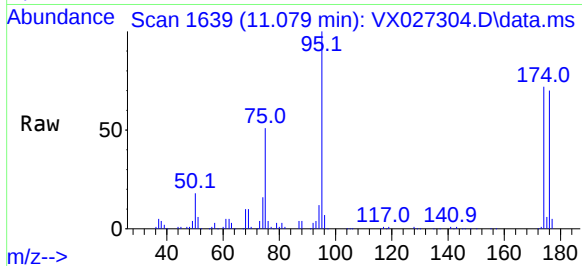




#76
1,2,3-Trichloropropane
Concen: 24.021 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027304.D
Acq: 04 Mar 2022 16:17

Instrument :
MSVOA_X
ClientSampleId :
SB-5

Tgt Ion: 75 Resp: 25739
Ion Ratio Lower Upper
75 100
77 1.1 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.226 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.055 min
Lab File: VX027304.D
Acq: 04 Mar 2022 16:17

Tgt Ion: 75 Resp: 25739
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

