

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062822\
 Data File : VX029839.D
 Acq On : 28 Jun 2022 19:26
 Operator : JC/MD
 Sample : N3494-04
 Misc : 6.77g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP-EXC-3-GR

Quant Time: Jun 29 06:07:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 05:54:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	243784	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	411430	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	344128	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	153276	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	131749	42.694	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.380%
35) Dibromofluoromethane	5.391	113	114132	44.388	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.780%
50) Toluene-d8	8.653	98	465484	48.257	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.520%
62) 4-Bromofluorobenzene	11.085	95	150902	44.257	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.520%

Target Compounds				Qvalue		
5) Bromomethane	1.611	94	923	0.615	ug/l #	67
6) Chloroethane	1.666	64	554	1.307	ug/l	94
10) Methyl Iodide	2.428	142	2458	2.579	ug/l	99
11) Tert butyl alcohol	2.947	59	6960	8.624	ug/l #	74
13) Acrolein	2.246	56	61	Below Cal	#	14
17) Carbon Disulfide	2.477	76	3276	0.525	ug/l	99
18) Methyl Acetate	2.727	43	12483	2.682	ug/l	97
20) Methylene Chloride	2.776	84	2368	0.743	ug/l	96
21) trans-1,2-Dichloroethene	3.075	96	634	0.230	ug/l	94
29) Tetrahydrofuran	5.080	42	641	0.372	ug/l #	39
31) Cyclohexane	5.464	56	5053	1.174	ug/l #	77
38) Carbon Tetrachloride	5.550	117	23114	7.800	ug/l #	17
39) Methylcyclohexane	7.373	83	11472	2.774	ug/l #	91
40) Benzene	6.031	78	68104	6.159	ug/l	98
44) Trichloroethene	7.123	130	1575	0.529	ug/l	64
49) 1,4-Dioxane	7.720	88	22	0.278	ug/l #	25
51) 4-Methyl-2-Pentanone	8.598	43	1374	0.296	ug/l #	36
52) Toluene	8.720	92	24035	3.602	ug/l	96
59) 2-Hexanone	9.470	43	770	0.214	ug/l	97
64) Tetrachloroethene	9.281	164	459	0.221	ug/l	89
65) Chlorobenzene	10.086	112	1613	0.234	ug/l	96
67) Ethyl Benzene	10.195	91	34082	2.837	ug/l	98
68) m/p-Xylenes	10.305	106	34704	7.531	ug/l	95
69) o-Xylene	10.653	106	4443	0.952	ug/l	97
73) Isopropylbenzene	10.963	105	12699	1.145	ug/l	100
74) N-amyl acetate	10.854	43	8432	1.536	ug/l #	20
75) 1,1,2,2-Tetrachloroethane	11.220	83	56981	13.050	ug/l #	38
76) 1,2,3-Trichloropropane	11.085	75	68765	18.741	ug/l #	38
78) n-propylbenzene	11.311	91	71466	5.463	ug/l	99
79) 2-Chlorotoluene	11.402	91	5556	0.714	ug/l	77
80) 1,3,5-Trimethylbenzene	11.457	105	7101	0.771	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.085	75	68765	59.517	ug/l #	13
82) 4-Chlorotoluene	11.457	91	4128	0.466	ug/l	75
84) 1,2,4-Trimethylbenzene	11.756	105	27994	3.035	ug/l	99
85) sec-Butylbenzene	11.896	105	8601	0.748	ug/l	85
86) p-Isopropyltoluene	12.012	119	3533	0.385	ug/l #	45

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 Sample : N3494-04
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 ALS Vial : 14 Sample Multiplier: 1

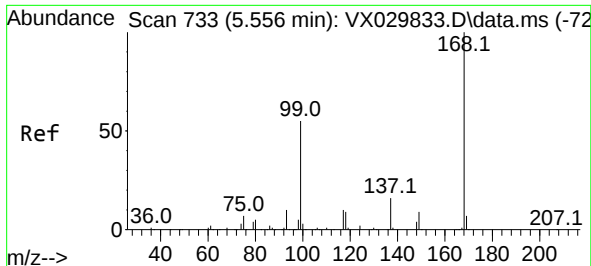
Instrument :
 MSVOA_X
 ClientSampleId :
 SP-EXC-3-GR

Quant Time: Jun 29 06:07:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
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 Response via : Initial Calibration

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

87) 1,3-Dichlorobenzene	11.975	146	1158	0.226	ug/l #	1
88) 1,4-Dichlorobenzene	12.043	146	1633	0.312	ug/l #	1
89) n-Butylbenzene	12.335	91	41905	4.857	ug/l	76
90) Hexachloroethane	12.616	117	4796	3.204	ug/l #	16
91) 1,2-Dichlorobenzene	12.341	146	1362	0.271	ug/l #	1
92) 1,2-Dibromo-3-Chloropr...	12.920	75	490	0.537	ug/l #	15
93) 1,2,4-Trichlorobenzene	13.506	180	2083	0.683	ug/l	81
94) Hexachlorobutadiene	13.731	225	861	0.763	ug/l	96
95) Naphthalene	13.780	128	43061	3.478	ug/l #	81
96) 1,2,3-Trichlorobenzene	13.981	180	28701	9.194	ug/l #	27

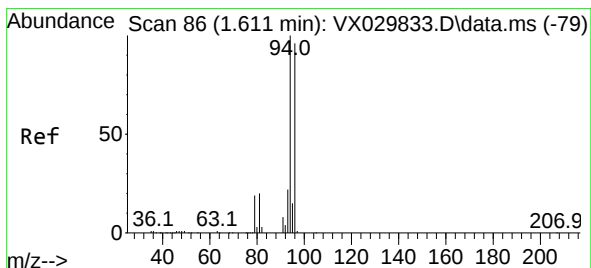
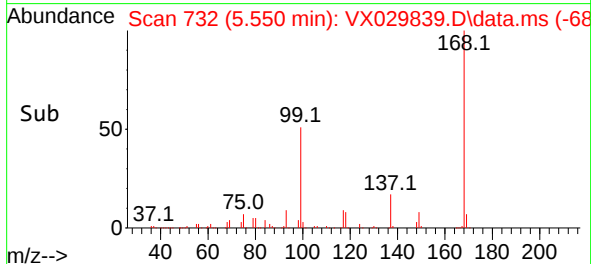
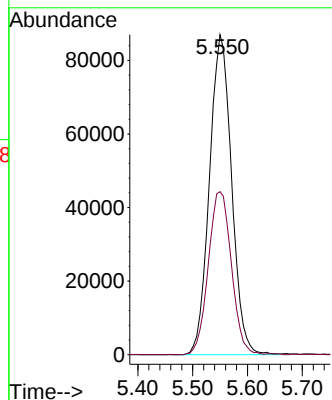
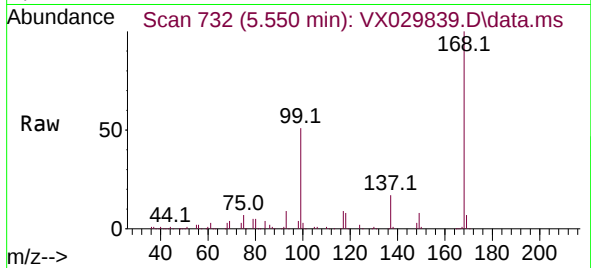
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX029839.D
Acq: 28 Jun 2022 19:26

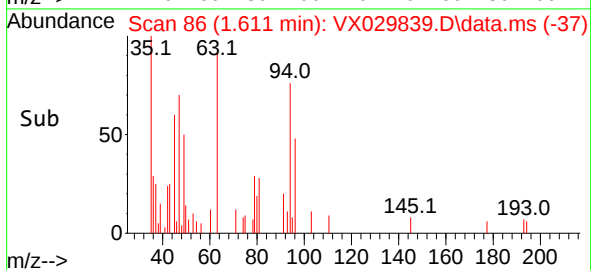
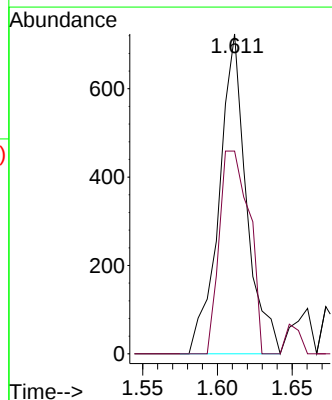
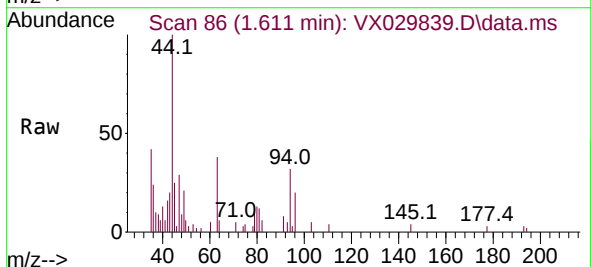
Instrument :
MSVOA_X
ClientSampleId :
SP-EXC-3-GR

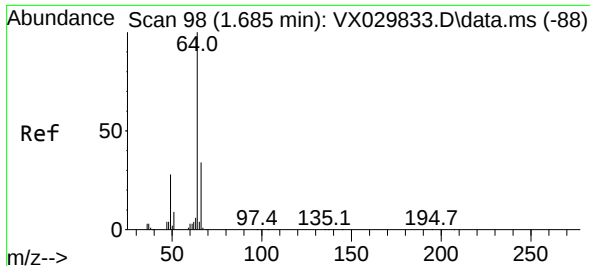
Tgt Ion:168 Resp: 243784
Ion Ratio Lower Upper
168 100
99 50.9 44.0 66.0



#5
Bromomethane
Concen: 0.615 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.000 min
Lab File: VX029839.D
Acq: 28 Jun 2022 19:26

Tgt Ion: 94 Resp: 923
Ion Ratio Lower Upper
94 100
96 63.4 76.9 115.3#

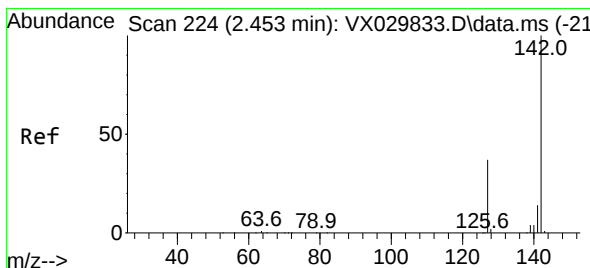
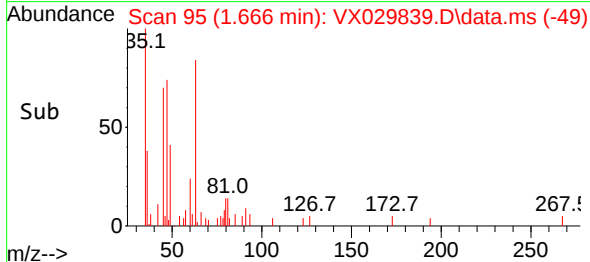
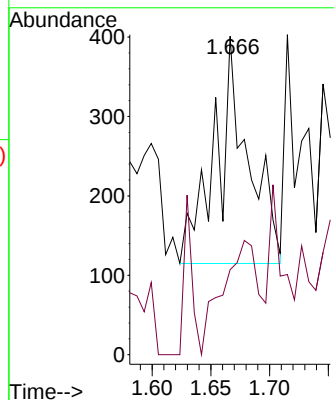
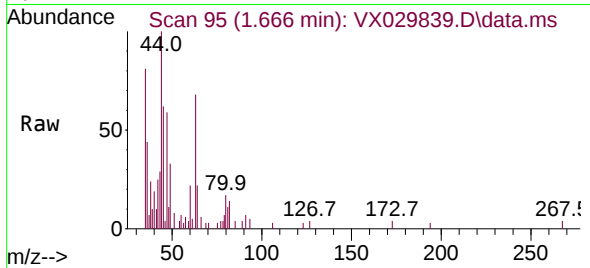




#6
Chloroethane
Concen: 1.307 ug/l
RT: 1.666 min Scan# 91
Delta R.T. -0.019 min
Lab File: VX029839.D
Acq: 28 Jun 2022 19:26

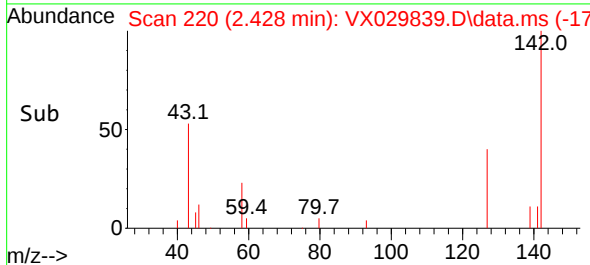
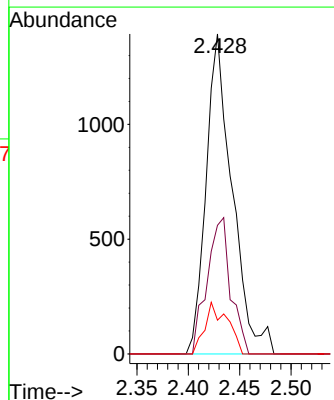
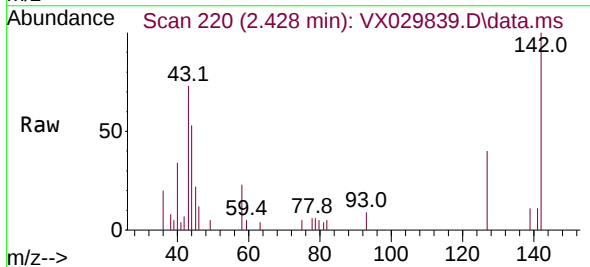
Instrument :
MSVOA_X
ClientSampleId :
SP-EXC-3-GR

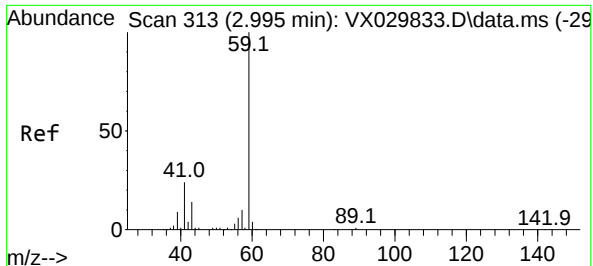
Tgt Ion: 64 Resp: 554
Ion Ratio Lower Upper
64 100
66 37.4 27.2 40.8



#10
Methyl Iodide
Concen: 2.579 ug/l
RT: 2.428 min Scan# 220
Delta R.T. -0.025 min
Lab File: VX029839.D
Acq: 28 Jun 2022 19:26

Tgt Ion: 142 Resp: 2458
Ion Ratio Lower Upper
142 100
127 38.6 30.2 45.2
141 13.9 11.3 16.9





#11

Tert butyl alcohol

Concen: 8.624 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.049 min

Lab File: VX029839.D

Acq: 28 Jun 2022 19:26

Instrument :

MSVOA_X

ClientSampleId :

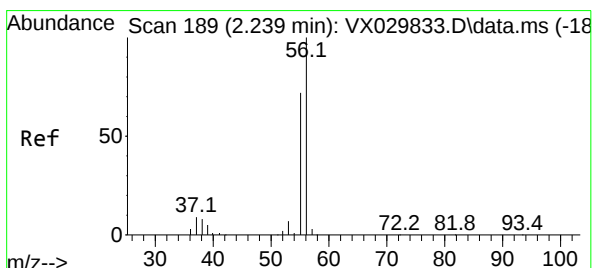
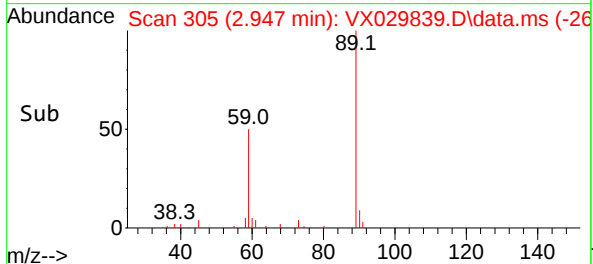
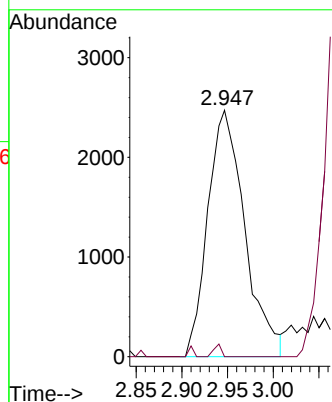
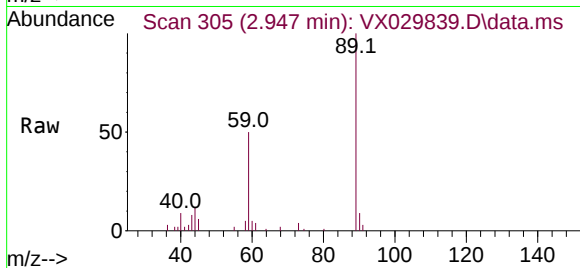
SP-EXC-3-GR

Tgt Ion: 59 Resp: 6960

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#



#13

Acrolein

Concen: Below Cal

RT: 2.246 min Scan# 190

Delta R.T. 0.007 min

Lab File: VX029839.D

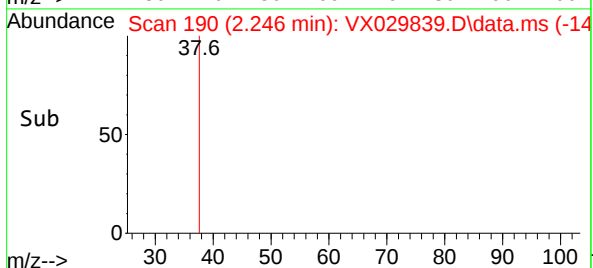
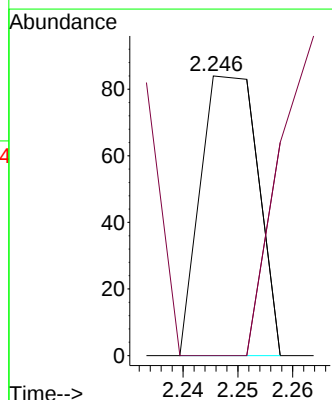
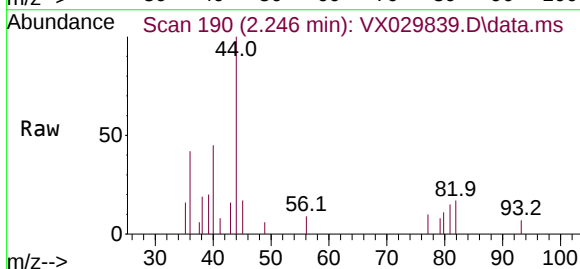
Acq: 28 Jun 2022 19:26

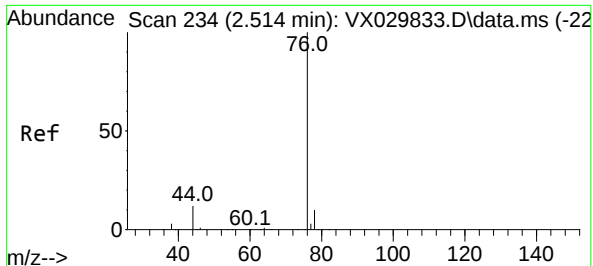
Tgt Ion: 56 Resp: 61

Ion Ratio Lower Upper

56 100

55 0.0 56.6 84.8#

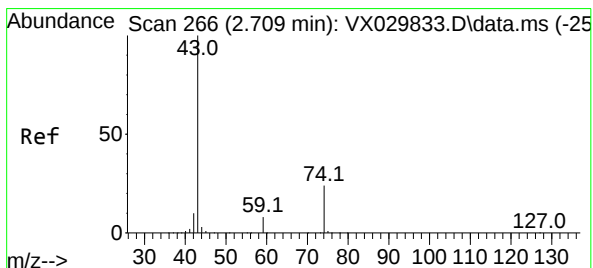
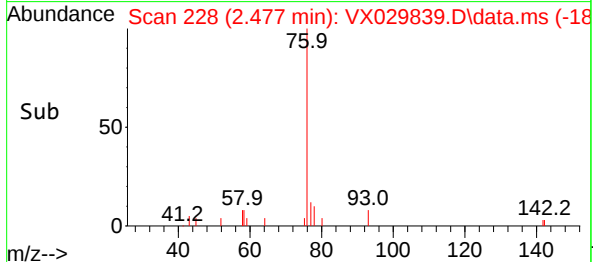
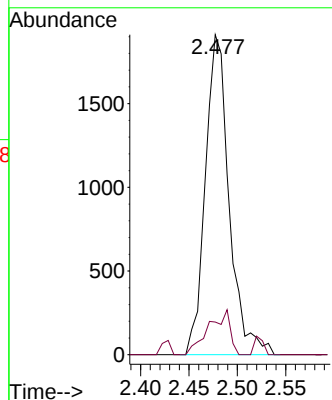
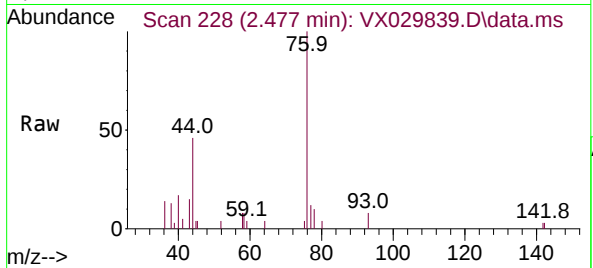




#17
Carbon Disulfide
Concen: 0.525 ug/l
RT: 2.477 min Scan# 21
Delta R.T. -0.036 min
Lab File: VX029839.D
Acq: 28 Jun 2022 19:26

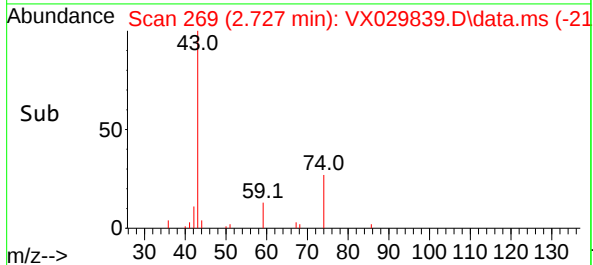
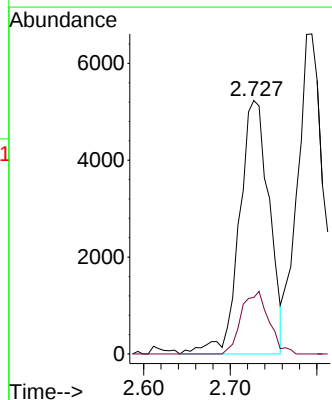
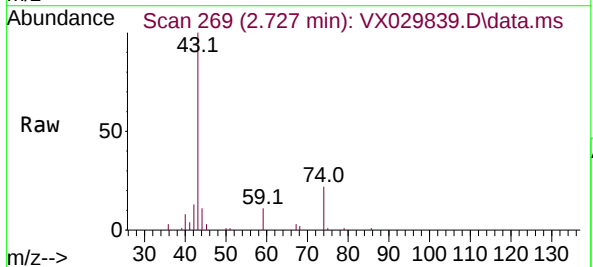
Instrument :
MSVOA_X
ClientSampleId :
SP-EXC-3-GR

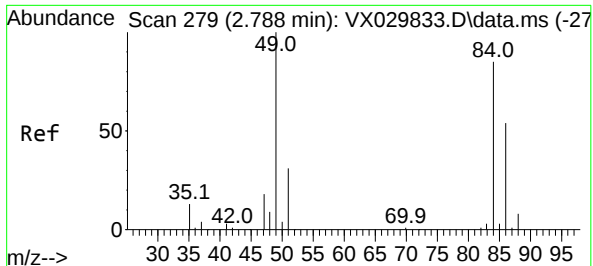
Tgt Ion: 76 Resp: 3276
Ion Ratio Lower Upper
76 100
78 10.2 7.8 11.6



#18
Methyl Acetate
Concen: 2.682 ug/l
RT: 2.727 min Scan# 269
Delta R.T. 0.018 min
Lab File: VX029839.D
Acq: 28 Jun 2022 19:26

Tgt Ion: 43 Resp: 12483
Ion Ratio Lower Upper
43 100
74 22.9 19.4 29.2



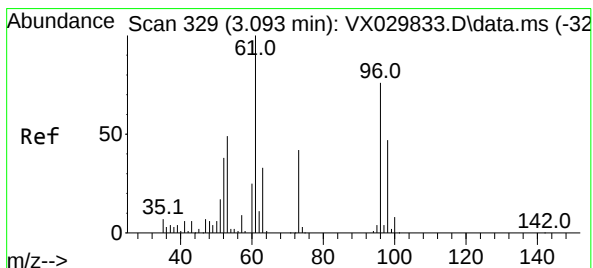
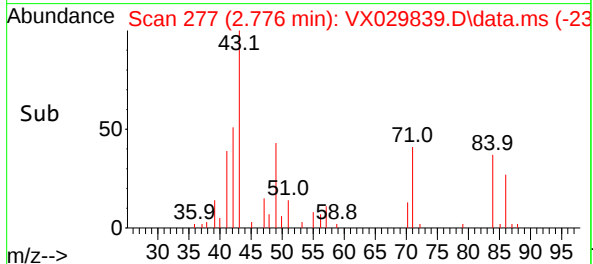
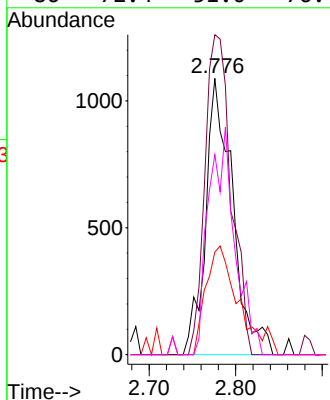
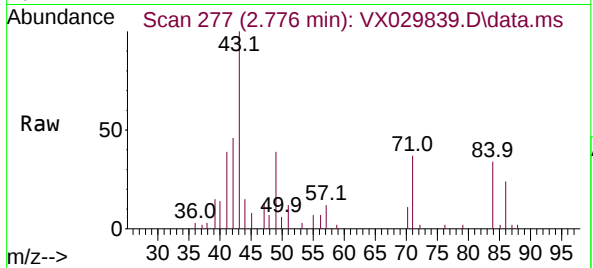


#20
Methylene Chloride
Concen: 0.743 ug/l
RT: 2.776 min Scan# 21
Delta R.T. -0.012 min
Lab File: VX029839.D
Acq: 28 Jun 2022 19:26

Instrument :
MSVOA_X
ClientSampleId :
SP-EXC-3-GR

Tgt Ion: 84 Resp: 2368

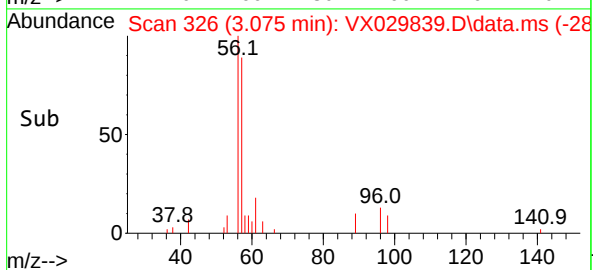
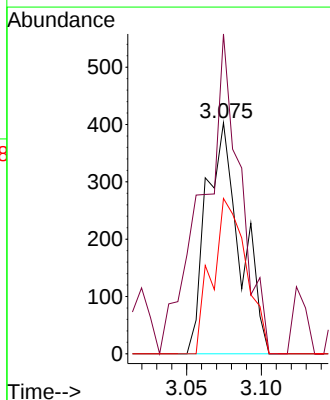
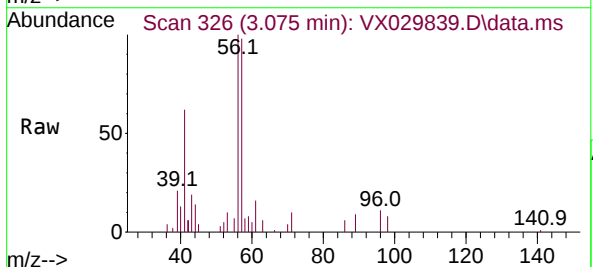
Ion	Ratio	Lower	Upper
84	100		
49	115.8	93.8	140.6
51	37.1	29.4	44.0
86	72.4	51.0	76.4

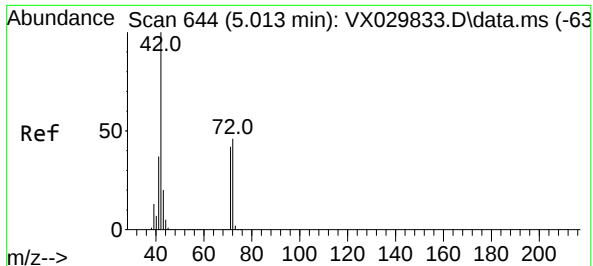


#21
trans-1,2-Dichloroethene
Concen: 0.230 ug/l
RT: 3.075 min Scan# 326
Delta R.T. -0.018 min
Lab File: VX029839.D
Acq: 28 Jun 2022 19:26

Tgt Ion: 96 Resp: 634

Ion	Ratio	Lower	Upper
96	100		
61	138.5	105.6	158.4
98	67.2	50.1	75.1





#29

Tetrahydrofuran

Concen: 0.372 ug/l

RT: 5.080 min Scan# 641

Delta R.T. 0.067 min

Lab File: VX029839.D

Acq: 28 Jun 2022 19:26

Instrument :

MSVOA_X

ClientSampleId :

SP-EXC-3-GR

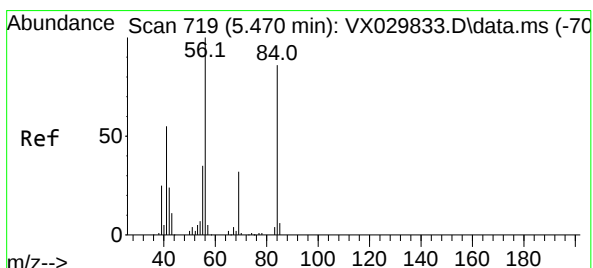
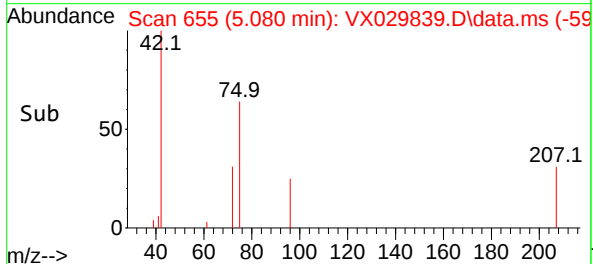
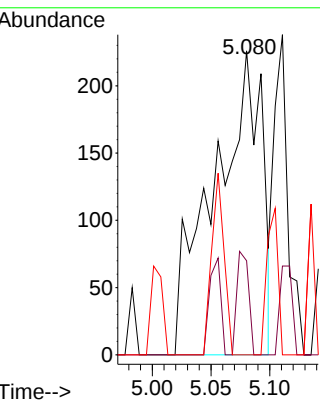
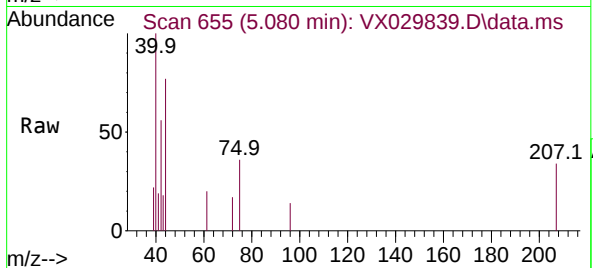
Tgt Ion: 42 Resp: 641

Ion Ratio Lower Upper

42 100

72 8.4 36.5 54.7#

71 0.0 33.9 50.9#



#31

Cyclohexane

Concen: 1.174 ug/l

RT: 5.464 min Scan# 718

Delta R.T. -0.006 min

Lab File: VX029839.D

Acq: 28 Jun 2022 19:26

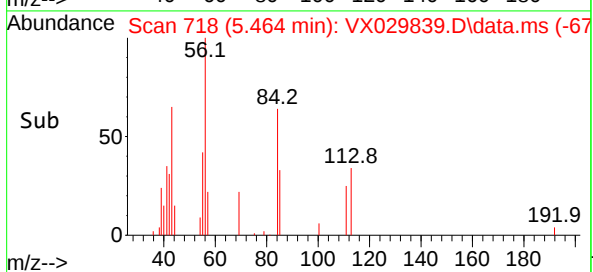
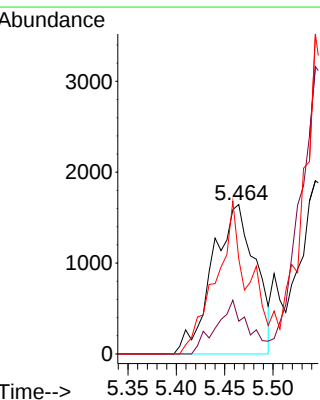
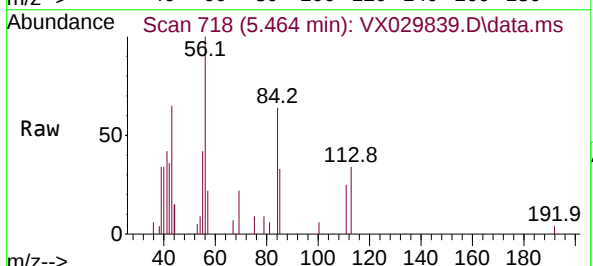
Tgt Ion: 56 Resp: 5053

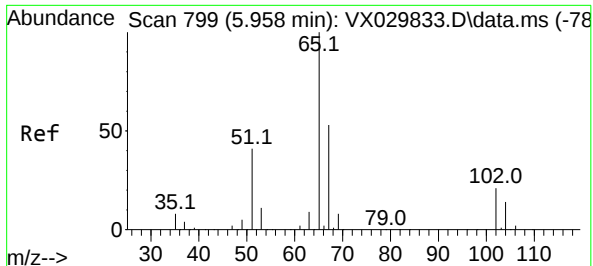
Ion Ratio Lower Upper

56 100

69 21.9 25.4 38.0#

84 63.6 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 42.694 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029839.D

Acq: 28 Jun 2022 19:26

Instrument :

MSVOA_X

ClientSampleId :

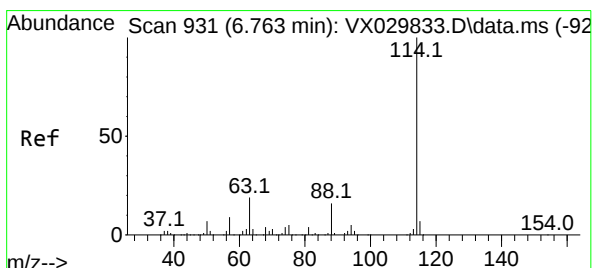
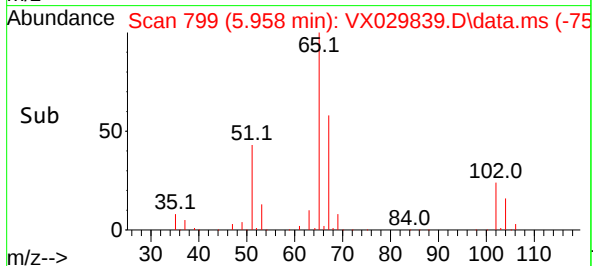
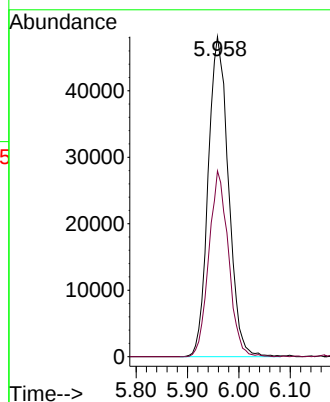
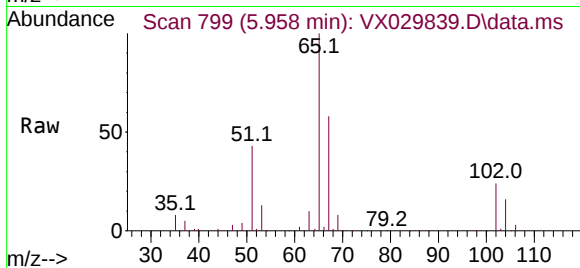
SP-EXC-3-GR

Tgt Ion: 65 Resp: 131749

Ion Ratio Lower Upper

65 100

67 56.0 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX029839.D

Acq: 28 Jun 2022 19:26

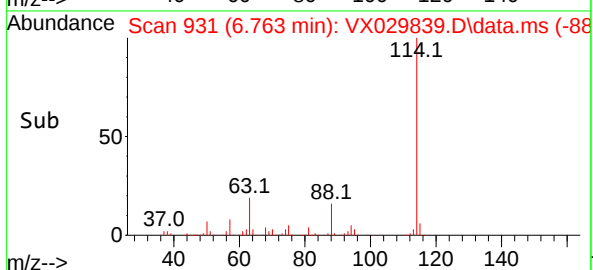
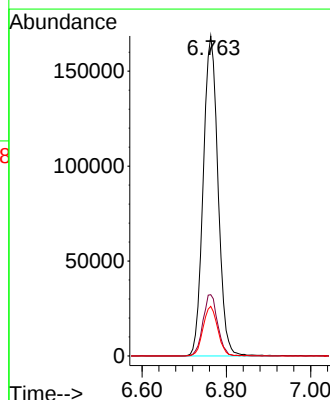
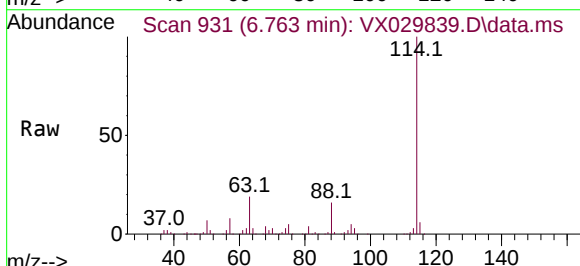
Tgt Ion: 114 Resp: 411430

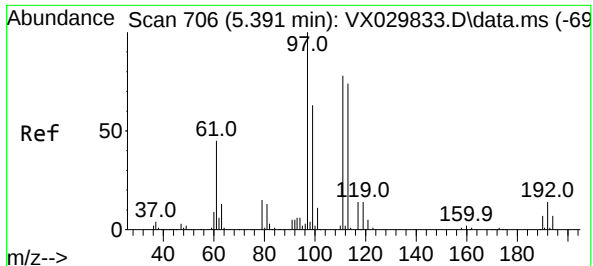
Ion Ratio Lower Upper

114 100

63 19.1 0.0 38.4

88 15.5 0.0 31.8





#35

Dibromofluoromethane

Concen: 44.388 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX029839.D

Acq: 28 Jun 2022 19:26

Instrument :

MSVOA_X

ClientSampleId :

SP-EXC-3-GR

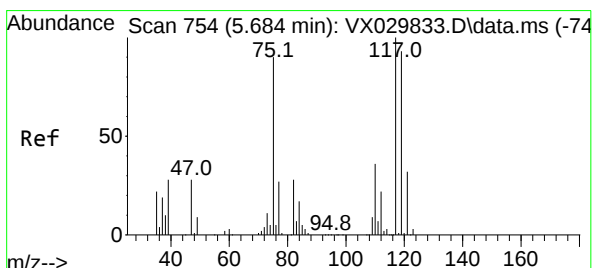
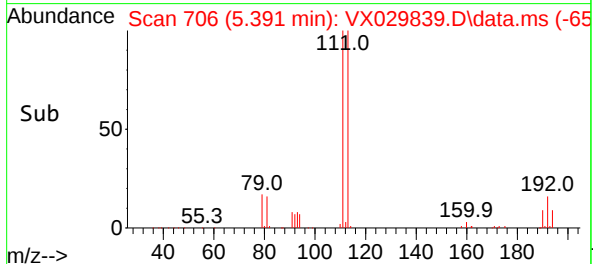
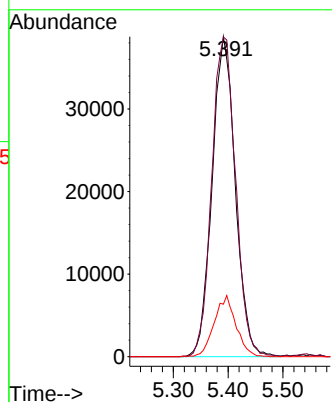
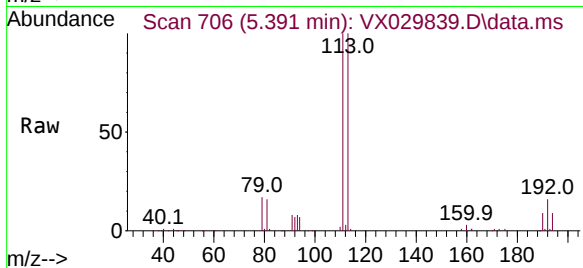
Tgt Ion:113 Resp: 114132

Ion Ratio Lower Upper

113 100

111 102.5 83.2 124.8

192 17.8 14.8 22.2



#38

Carbon Tetrachloride

Concen: 7.800 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.134 min

Lab File: VX029839.D

Acq: 28 Jun 2022 19:26

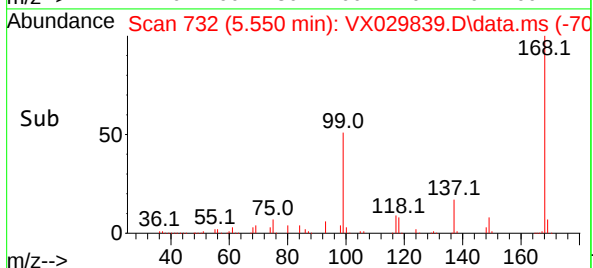
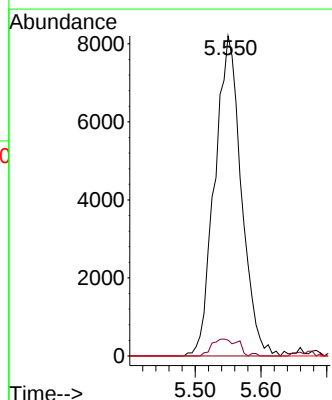
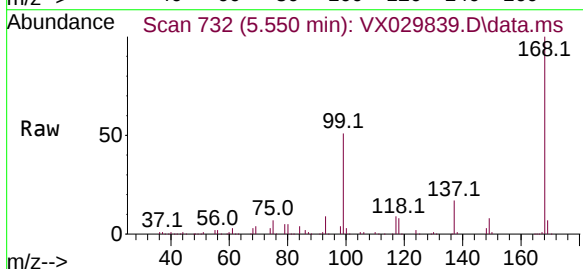
Tgt Ion:117 Resp: 23114

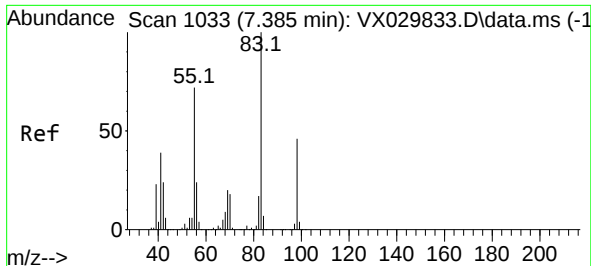
Ion Ratio Lower Upper

117 100

119 5.0 74.1 111.1#

121 0.0 25.8 38.8#

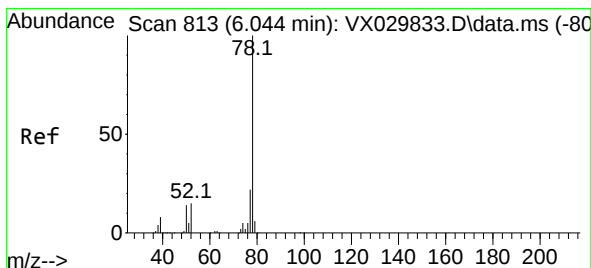
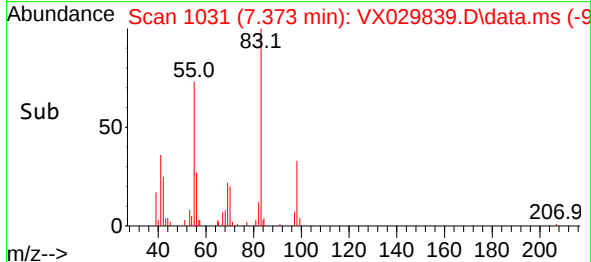
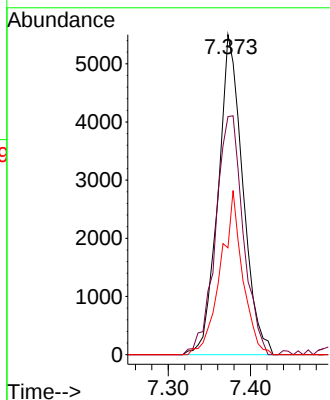
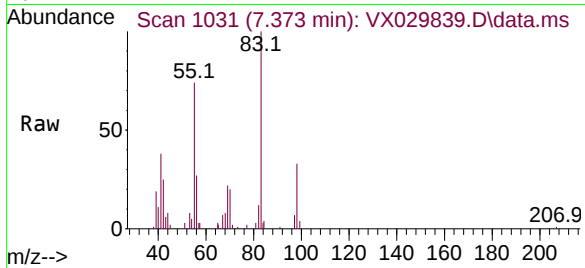




#39
Methylcyclohexane
Concen: 2.774 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.012 min
Lab File: VX029839.D
Acq: 28 Jun 2022 19:26

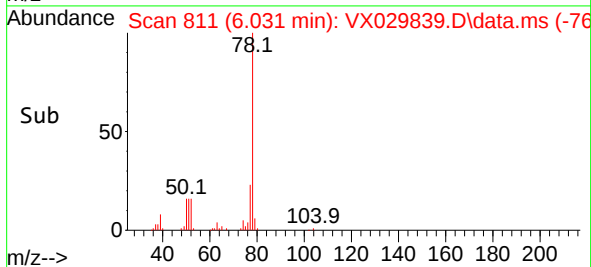
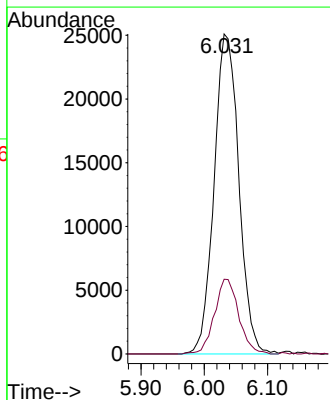
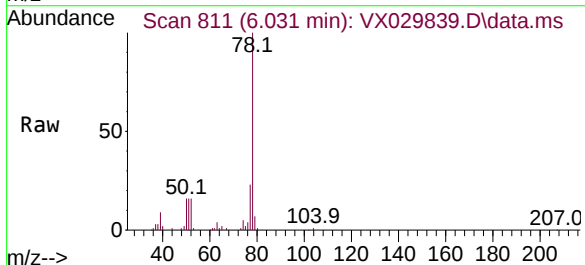
Instrument :
MSVOA_X
ClientSampleId :
SP-EXC-3-GR

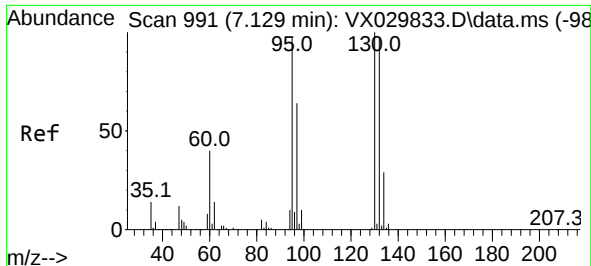
Tgt Ion: 83 Resp: 11472
Ion Ratio Lower Upper
83 100
55 74.4 57.7 86.5
98 33.4 36.5 54.7#



#40
Benzene
Concen: 6.159 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.012 min
Lab File: VX029839.D
Acq: 28 Jun 2022 19:26

Tgt Ion: 78 Resp: 68104
Ion Ratio Lower Upper
78 100
77 23.3 18.0 27.0

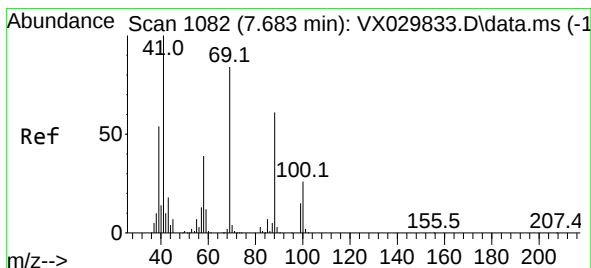
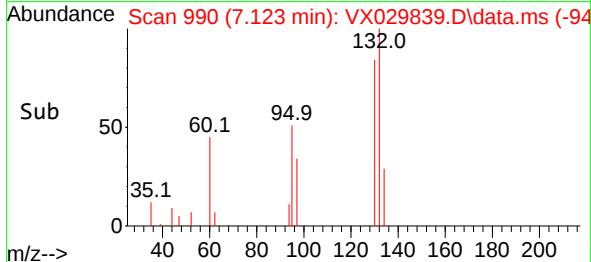
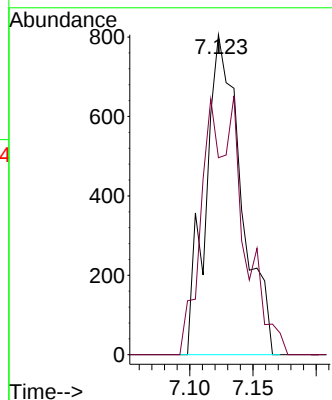
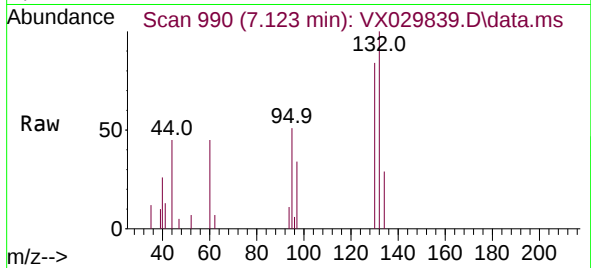




#44
Trichloroethene
Concen: 0.529 ug/l
RT: 7.123 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX029839.D
Acq: 28 Jun 2022 19:26

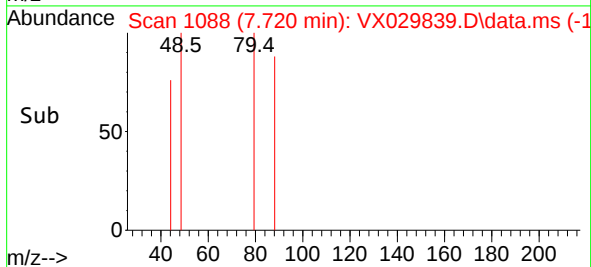
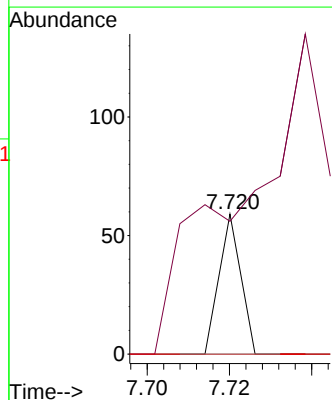
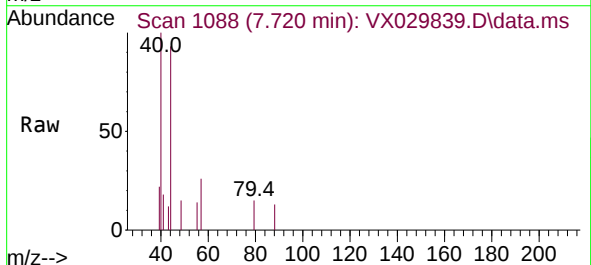
Instrument :
MSVOA_X
ClientSampleId :
SP-EXC-3-GR

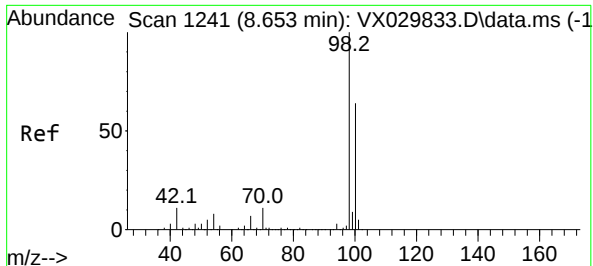
Tgt Ion:130 Resp: 1575
Ion Ratio Lower Upper
130 100
95 61.5 0.0 194.8



#49
1,4-Dioxane
Concen: 0.278 ug/l
RT: 7.720 min Scan# 1088
Delta R.T. 0.037 min
Lab File: VX029839.D
Acq: 28 Jun 2022 19:26

Tgt Ion: 88 Resp: 22
Ion Ratio Lower Upper
88 100
43 0.0 23.8 35.8#
58 0.0 53.8 80.6#

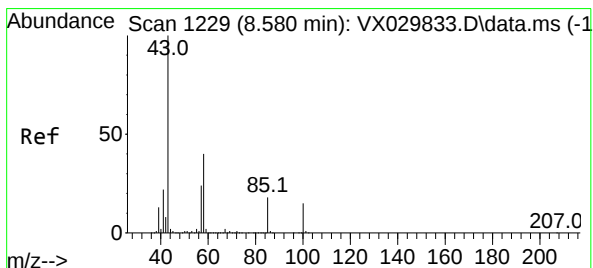
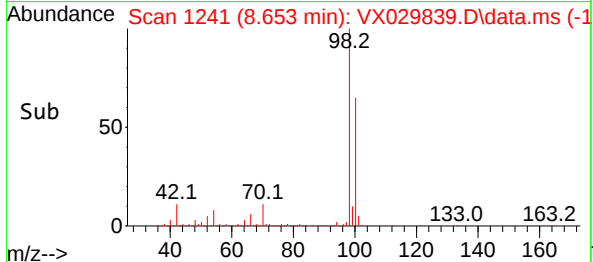
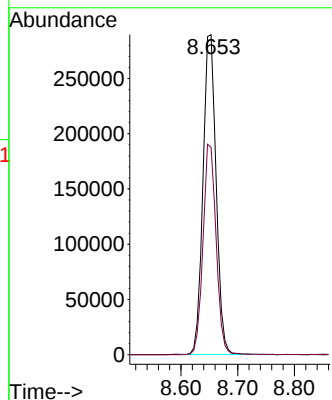
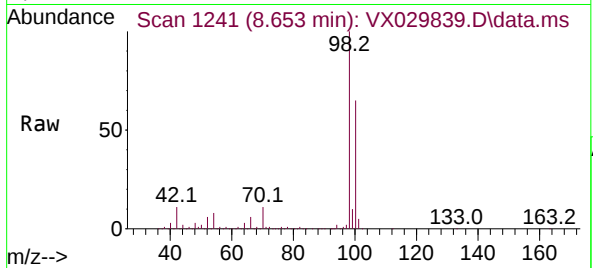




#50
Toluene-d8
Concen: 48.257 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX029839.D
Acq: 28 Jun 2022 19:26

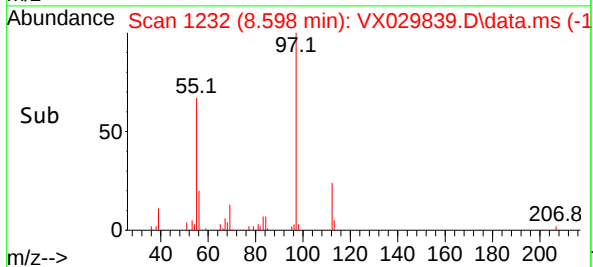
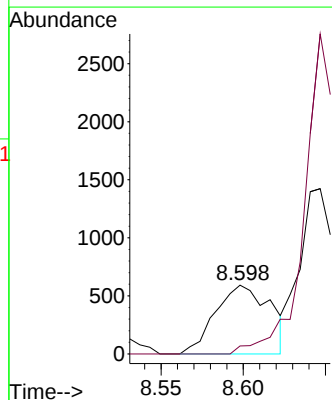
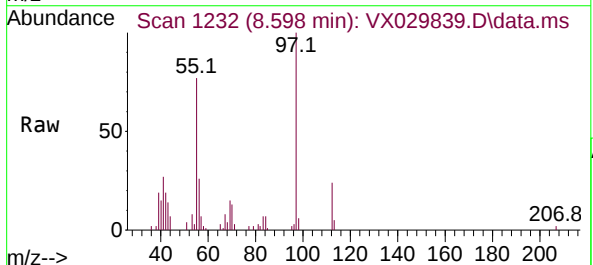
Instrument :
MSVOA_X
ClientSampleId :
SP-EXC-3-GR

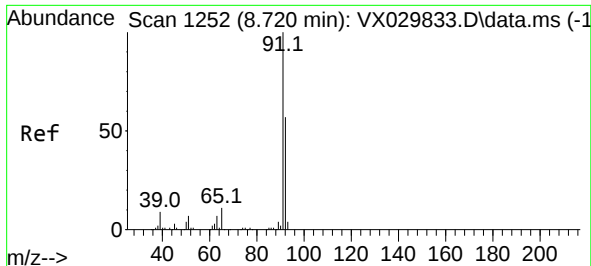
Tgt Ion: 98 Resp: 465484
Ion Ratio Lower Upper
98 100
100 65.7 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 0.296 ug/l
RT: 8.598 min Scan# 1232
Delta R.T. 0.018 min
Lab File: VX029839.D
Acq: 28 Jun 2022 19:26

Tgt Ion: 43 Resp: 1374
Ion Ratio Lower Upper
43 100
58 0.0 31.4 47.2#

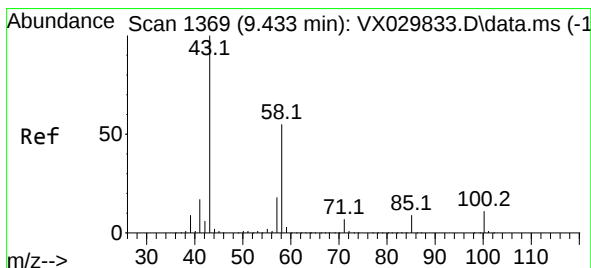
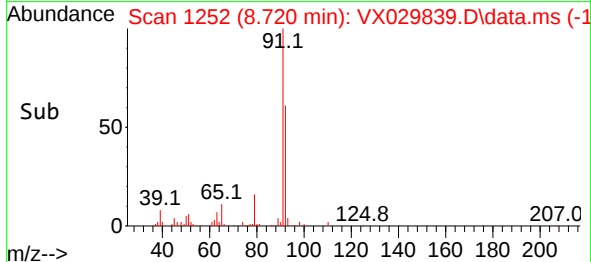
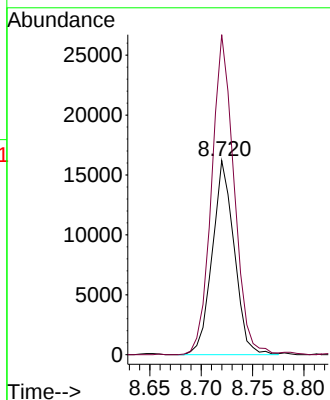
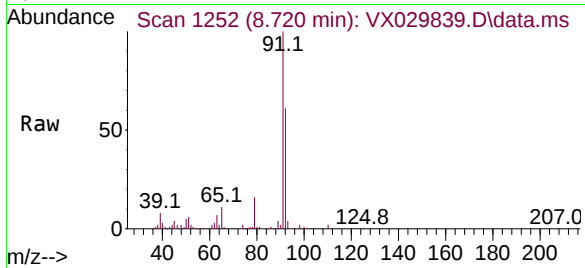




#52
Toluene
Concen: 3.602 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029839.D
Acq: 28 Jun 2022 19:26

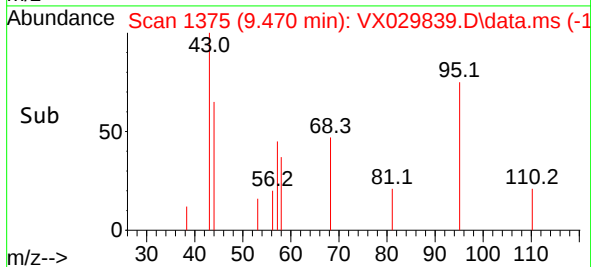
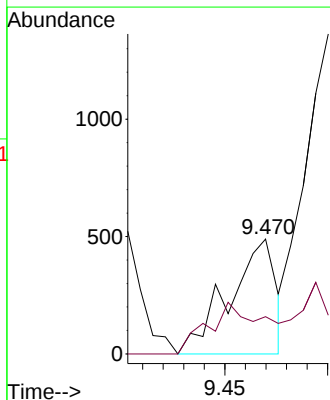
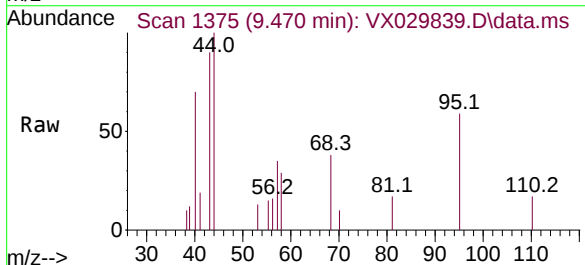
Instrument :
MSVOA_X
ClientSampleId :
SP-EXC-3-GR

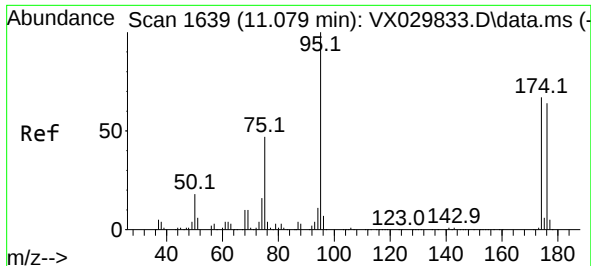
Tgt Ion: 92 Resp: 24035
Ion Ratio Lower Upper
92 100
91 169.0 139.2 208.8



#59
2-Hexanone
Concen: 0.214 ug/l
RT: 9.470 min Scan# 1375
Delta R.T. 0.037 min
Lab File: VX029839.D
Acq: 28 Jun 2022 19:26

Tgt Ion: 43 Resp: 770
Ion Ratio Lower Upper
43 100
58 53.2 27.6 82.8





#62

4-Bromofluorobenzene

Concen: 44.257 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX029839.D

Acq: 28 Jun 2022 19:26

Instrument :

MSVOA_X

ClientSampleId :

SP-EXC-3-GR

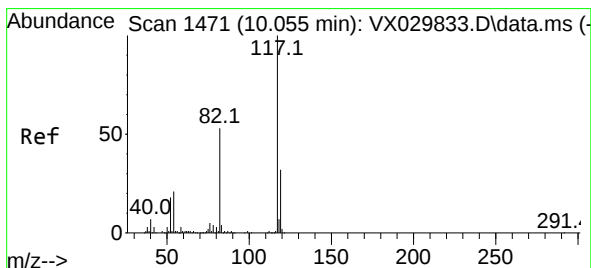
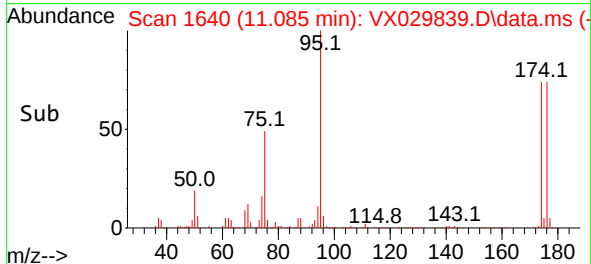
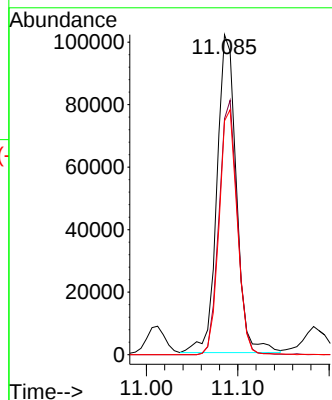
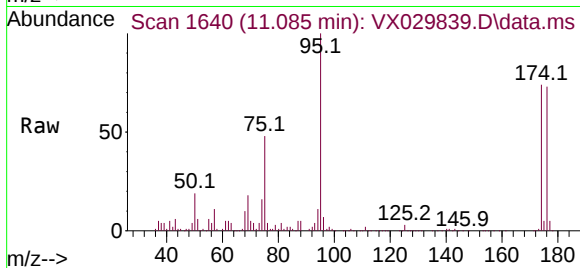
Tgt Ion: 95 Resp: 150902

Ion Ratio Lower Upper

95 100

174 74.9 0.0 149.0

176 71.9 0.0 146.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.061 min Scan# 1472

Delta R.T. 0.006 min

Lab File: VX029839.D

Acq: 28 Jun 2022 19:26

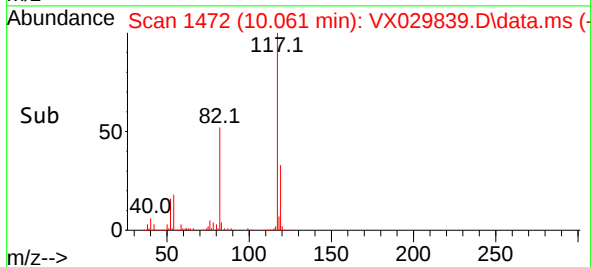
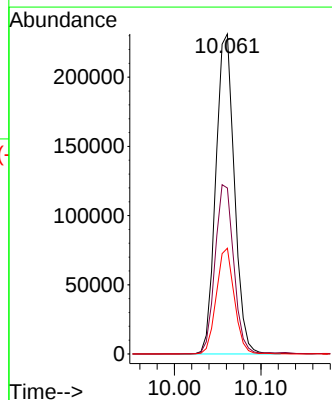
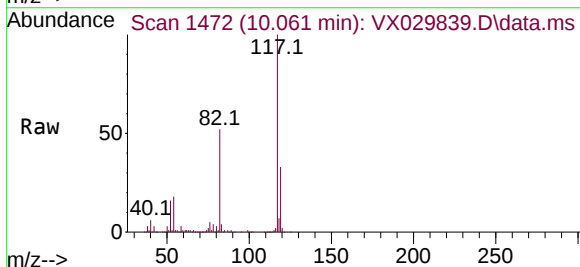
Tgt Ion: 117 Resp: 344128

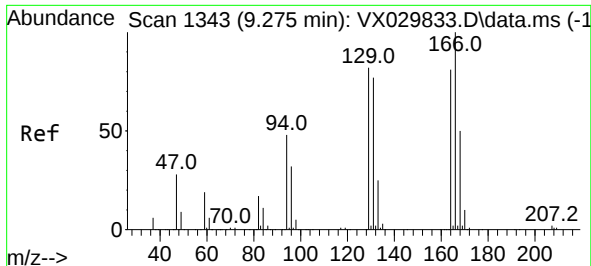
Ion Ratio Lower Upper

117 100

82 51.8 42.7 64.1

119 33.1 25.4 38.2



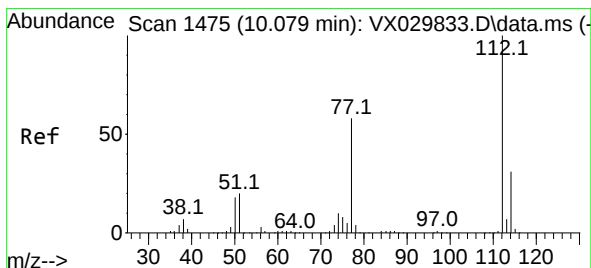
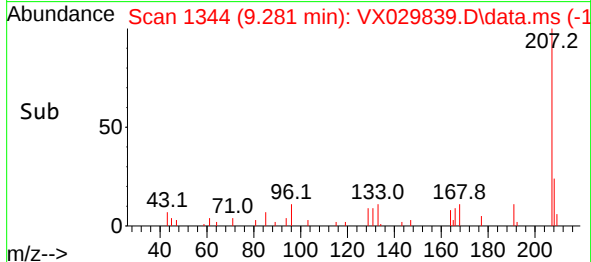
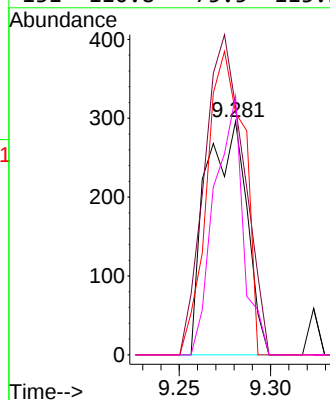
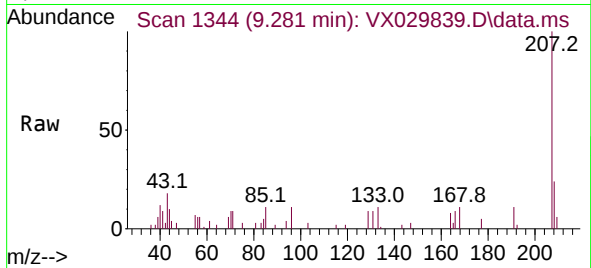


#64
Tetrachloroethene
Concen: 0.221 ug/l
RT: 9.281 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX029839.D
Acq: 28 Jun 2022 19:26

Instrument :
MSVOA_X
ClientSampleId :
SP-EXC-3-GR

Tgt Ion:164 Resp: 459

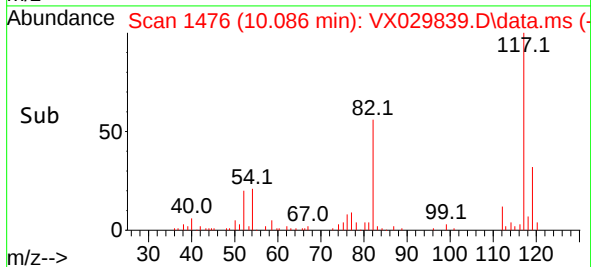
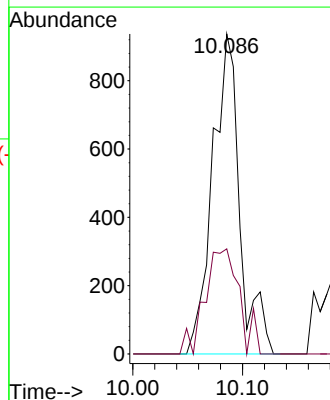
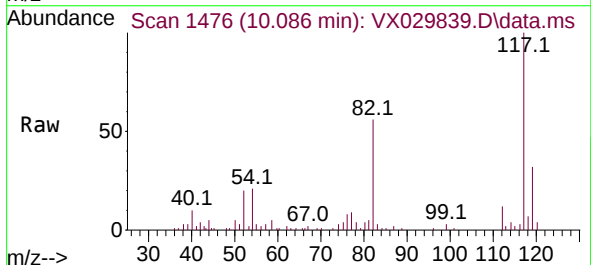
Ion	Ratio	Lower	Upper
164	100		
166	106.4	98.2	147.4
129	103.7	80.8	121.2
131	110.8	75.5	113.3

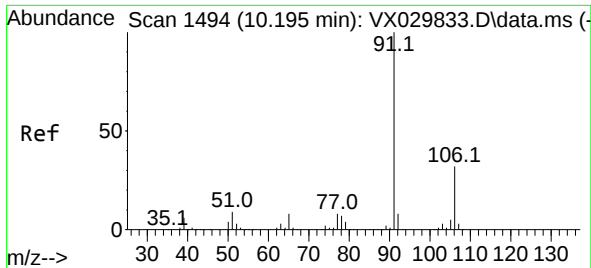


#65
Chlorobenzene
Concen: 0.234 ug/l
RT: 10.086 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VX029839.D
Acq: 28 Jun 2022 19:26

Tgt Ion:112 Resp: 1613

Ion	Ratio	Lower	Upper
112	100		
114	32.9	24.6	36.8

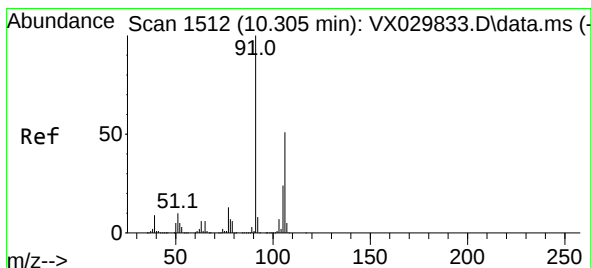
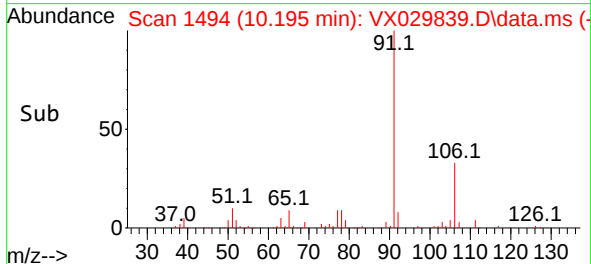
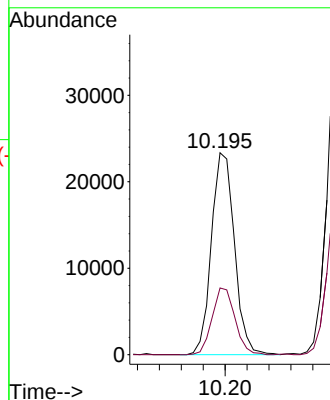
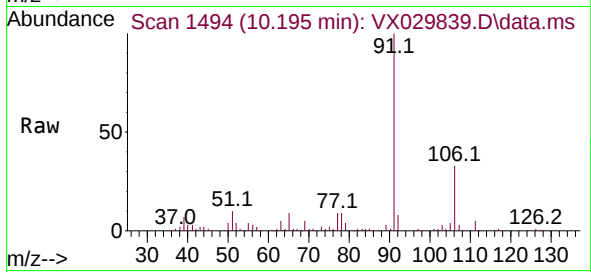




#67
Ethyl Benzene
Concen: 2.837 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX029839.D
Acq: 28 Jun 2022 19:26

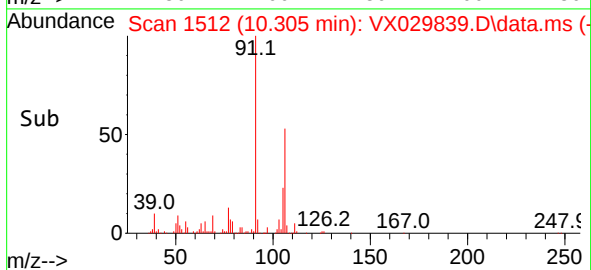
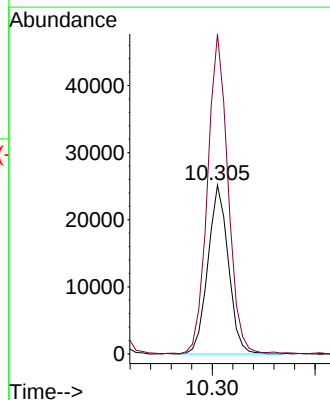
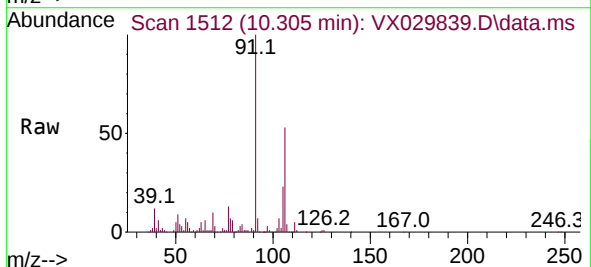
Instrument :
MSVOA_X
ClientSampleId :
SP-EXC-3-GR

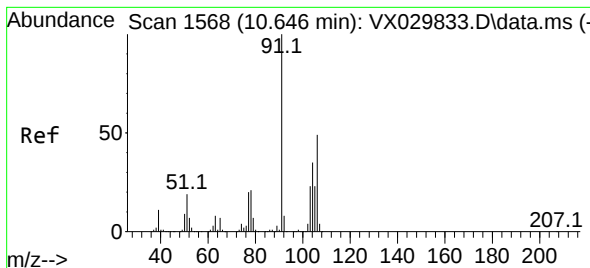
Tgt Ion: 91 Resp: 34082
Ion Ratio Lower Upper
91 100
106 33.0 25.5 38.3



#68
m/p-Xylenes
Concen: 7.531 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX029839.D
Acq: 28 Jun 2022 19:26

Tgt Ion: 106 Resp: 34704
Ion Ratio Lower Upper
106 100
91 190.9 158.2 237.4





#69

o-Xylene

Concen: 0.952 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.006 min

Lab File: VX029839.D

Acq: 28 Jun 2022 19:26

Instrument :

MSVOA_X

ClientSampleId :

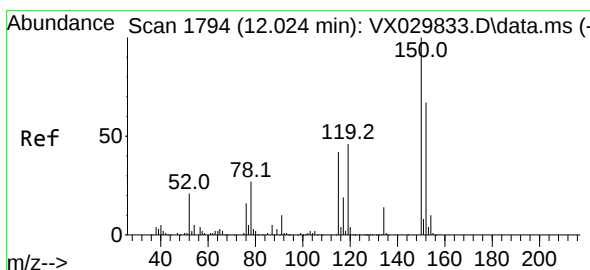
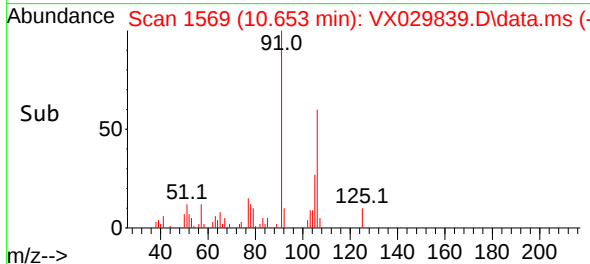
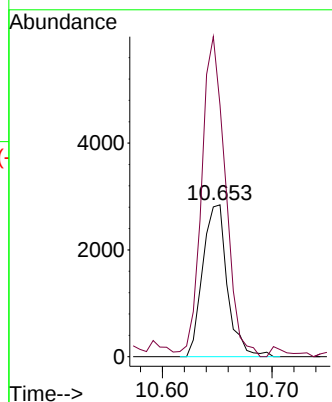
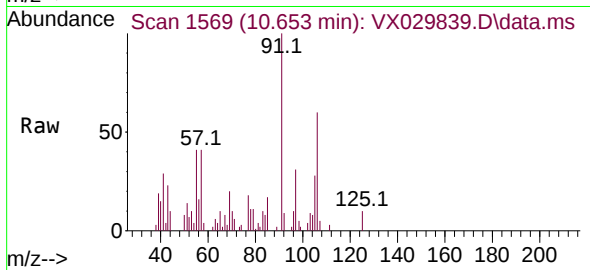
SP-EXC-3-GR

Tgt Ion:106 Resp: 4443

Ion Ratio Lower Upper

106 100

91 202.9 103.8 311.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX029839.D

Acq: 28 Jun 2022 19:26

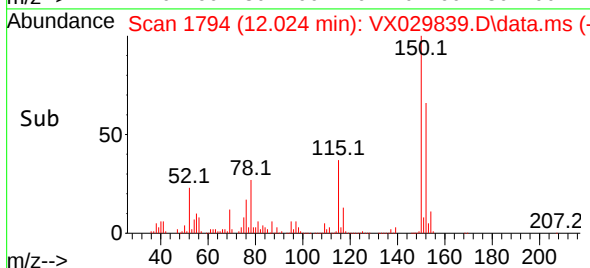
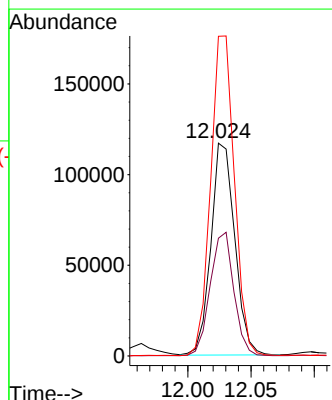
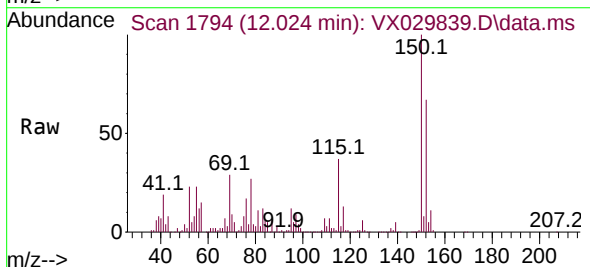
Tgt Ion:152 Resp: 153276

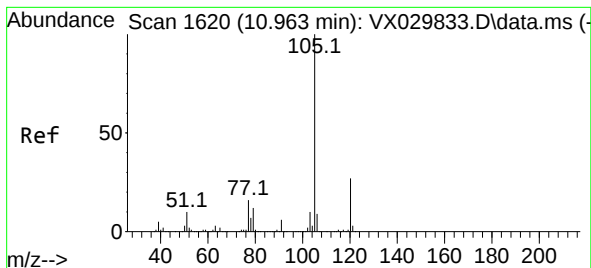
Ion Ratio Lower Upper

152 100

115 57.5 40.5 121.5

150 150.2 0.0 347.0





#73

Isopropylbenzene

Concen: 1.145 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX029839.D

Acq: 28 Jun 2022 19:26

Instrument :

MSVOA_X

ClientSampleId :

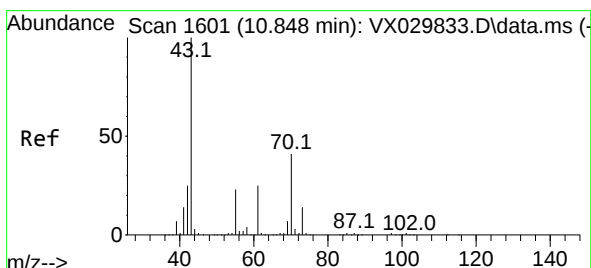
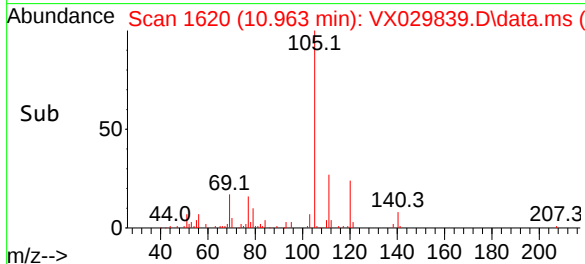
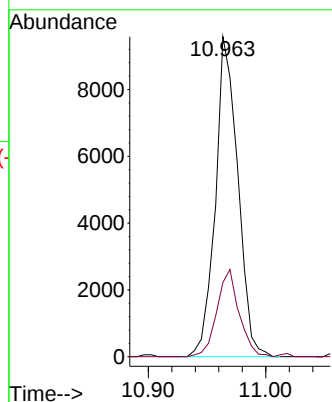
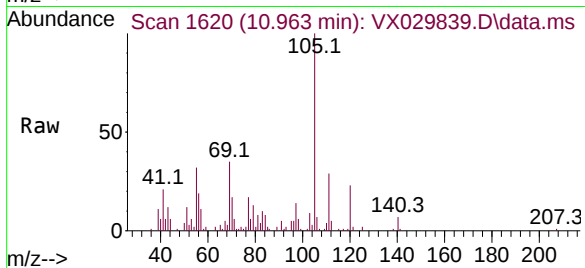
SP-EXC-3-GR

Tgt Ion:105 Resp: 12699

Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.4



#74

N-ethyl acetate

Concen: 1.536 ug/l

RT: 10.854 min Scan# 1602

Delta R.T. 0.006 min

Lab File: VX029839.D

Acq: 28 Jun 2022 19:26

Tgt Ion: 43 Resp: 8432

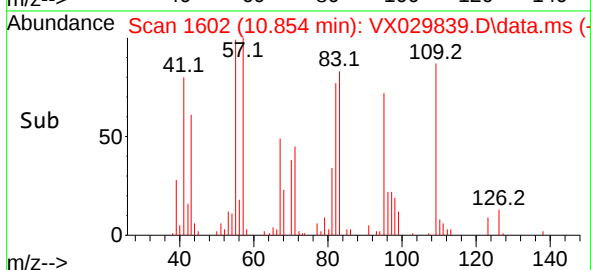
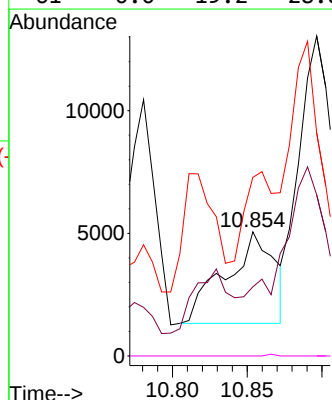
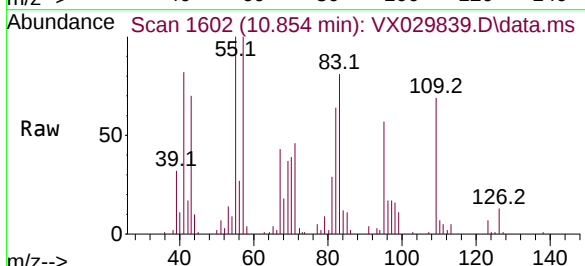
Ion Ratio Lower Upper

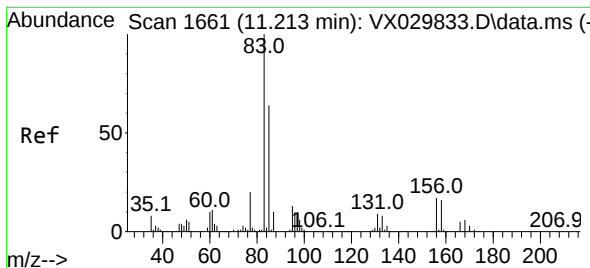
43 100

70 0.0 32.3 48.5#

55 91.0 18.4 27.6#

61 0.0 19.2 28.8#





#75

1,1,2,2-Tetrachloroethane

Concen: 13.050 ug/l

RT: 11.220 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX029839.D

Acq: 28 Jun 2022 19:26

Instrument :

MSVOA_X

ClientSampleId :

SP-EXC-3-GR

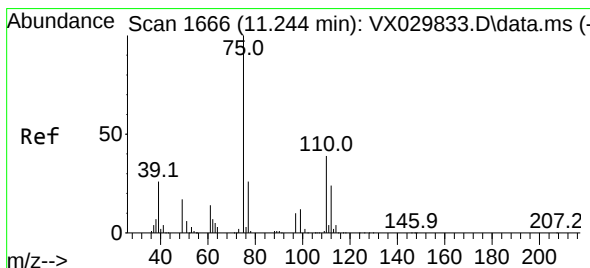
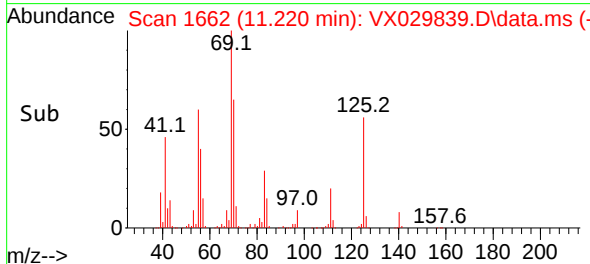
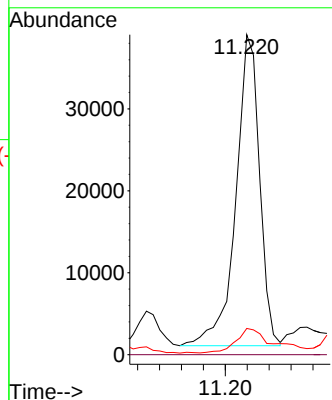
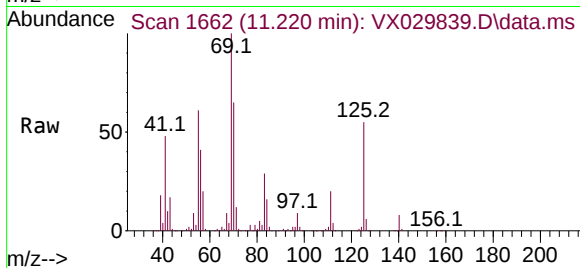
Tgt Ion: 83 Resp: 56981

Ion Ratio Lower Upper

83 100

131 0.0 4.5 13.7#

85 12.3 32.5 97.5#



#76

1,2,3-Trichloropropane

Concen: 18.741 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. -0.158 min

Lab File: VX029839.D

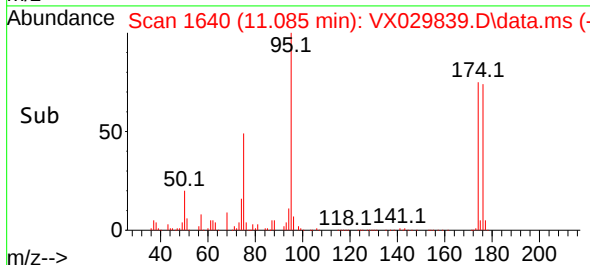
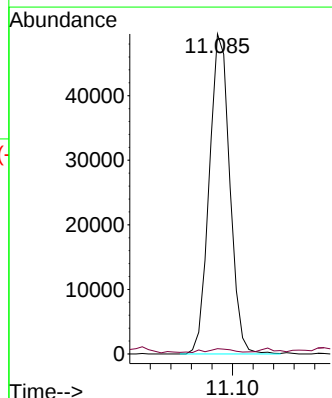
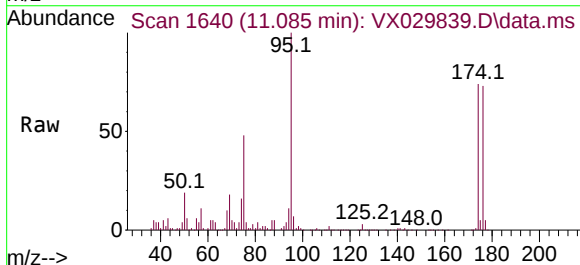
Acq: 28 Jun 2022 19:26

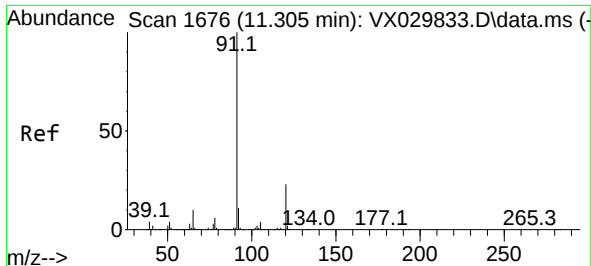
Tgt Ion: 75 Resp: 68765

Ion Ratio Lower Upper

75 100

77 1.3 19.8 59.3#

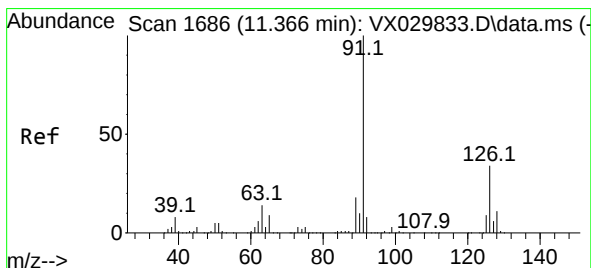
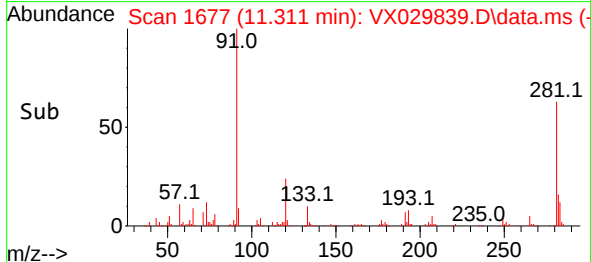
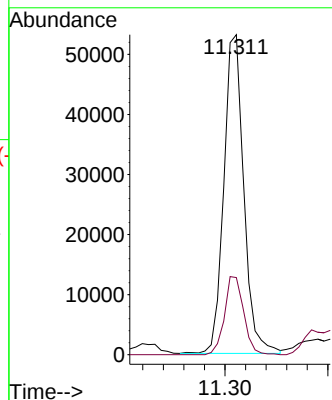
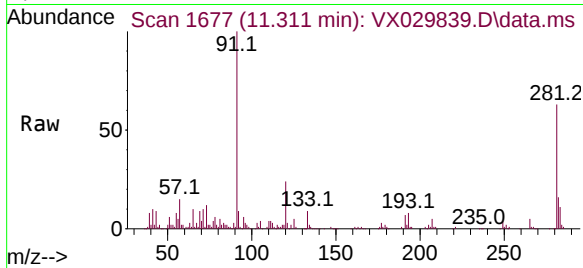




#78
n-propylbenzene
Concen: 5.463 ug/l
RT: 11.311 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX029839.D
Acq: 28 Jun 2022 19:26

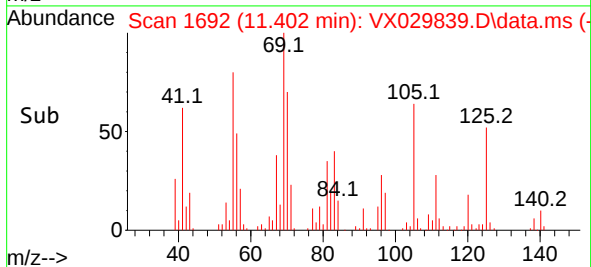
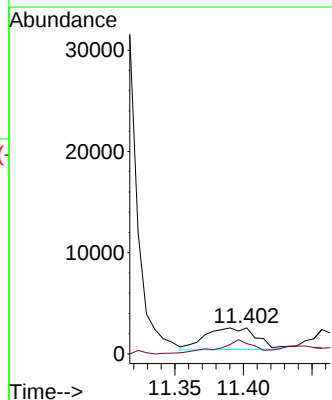
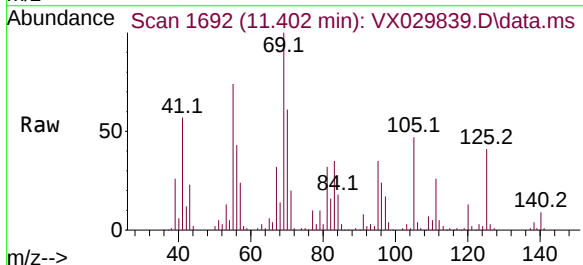
Instrument :
MSVOA_X
ClientSampleId :
SP-EXC-3-GR

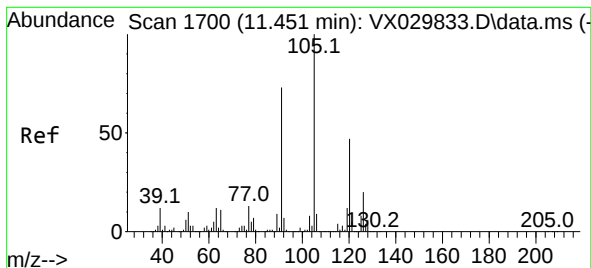
Tgt Ion: 91 Resp: 71466
Ion Ratio Lower Upper
91 100
120 23.5 11.6 34.8



#79
2-Chlorotoluene
Concen: 0.714 ug/l
RT: 11.402 min Scan# 1692
Delta R.T. 0.037 min
Lab File: VX029839.D
Acq: 28 Jun 2022 19:26

Tgt Ion: 91 Resp: 5556
Ion Ratio Lower Upper
91 100
126 48.1 17.4 52.3





#80

1,3,5-Trimethylbenzene

Concen: 0.771 ug/l

RT: 11.457 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX029839.D

Acq: 28 Jun 2022 19:26

Instrument :

MSVOA_X

ClientSampleId :

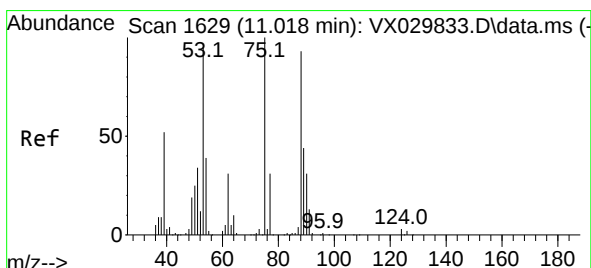
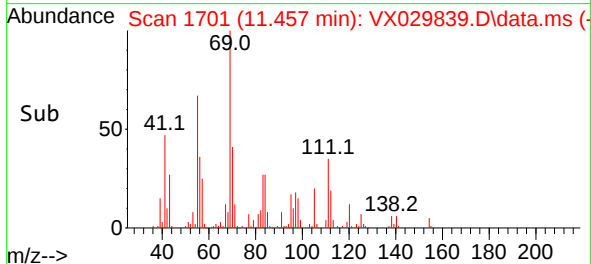
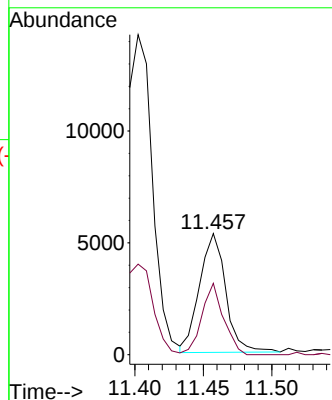
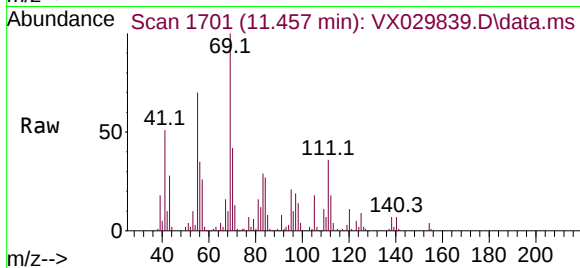
SP-EXC-3-GR

Tgt Ion:105 Resp: 7101

Ion Ratio Lower Upper

105 100

120 49.6 24.4 73.2



#81

trans-1,4-Dichloro-2-butene

Concen: 59.517 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.067 min

Lab File: VX029839.D

Acq: 28 Jun 2022 19:26

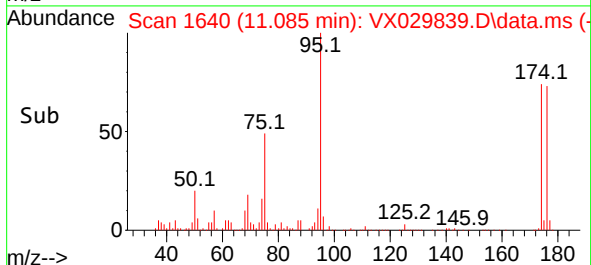
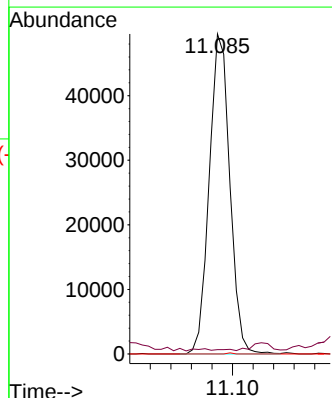
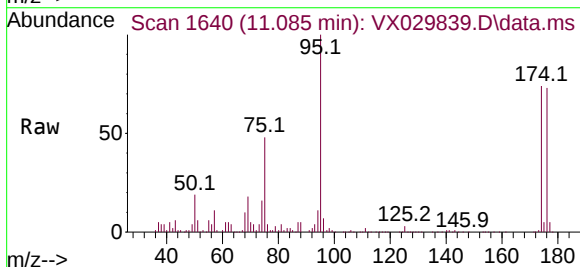
Tgt Ion: 75 Resp: 68765

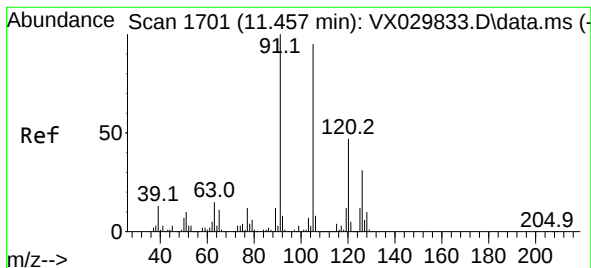
Ion Ratio Lower Upper

75 100

53 0.0 74.2 111.4#

89 0.1 34.8 52.2#

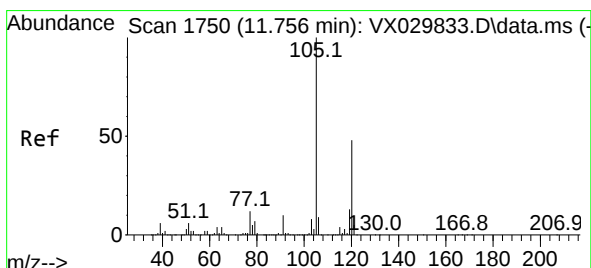
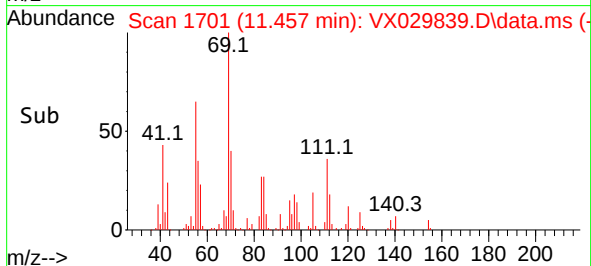
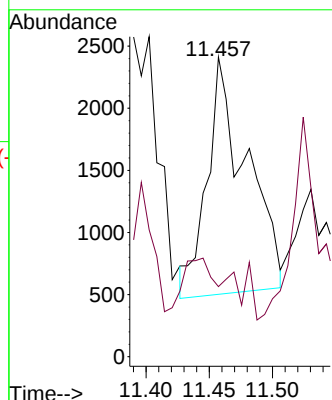
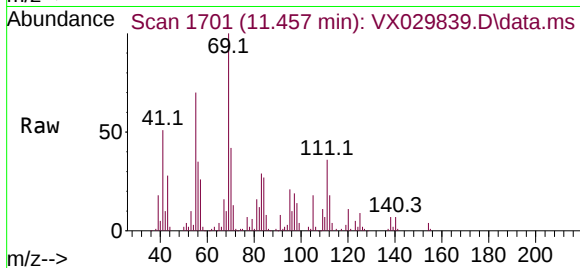




#82
4-Chlorotoluene
Concen: 0.466 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX029839.D
Acq: 28 Jun 2022 19:26

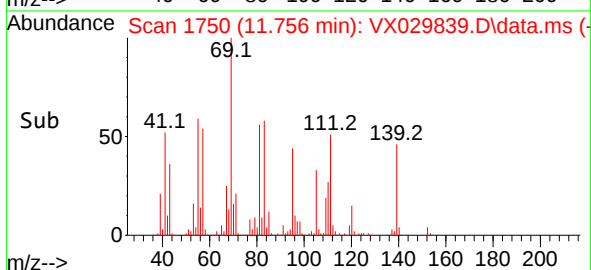
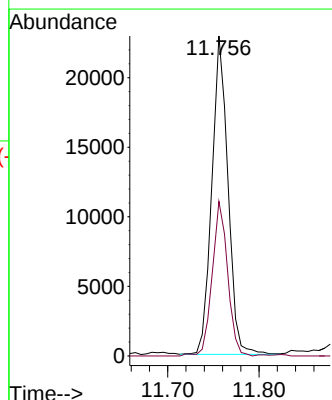
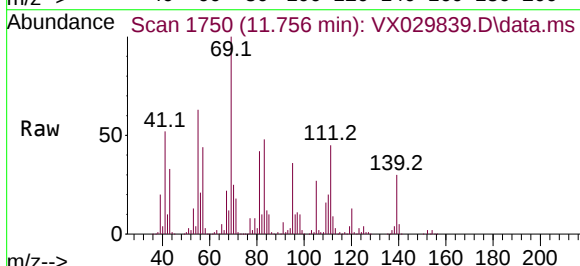
Instrument :
MSVOA_X
ClientSampleId :
SP-EXC-3-GR

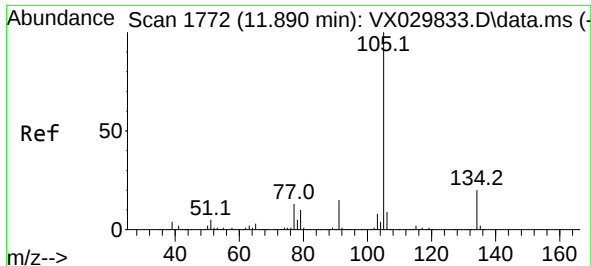
Tgt Ion: 91 Resp: 4128
Ion Ratio Lower Upper
91 100
126 17.1 15.3 45.9



#84
1,2,4-Trimethylbenzene
Concen: 3.035 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX029839.D
Acq: 28 Jun 2022 19:26

Tgt Ion: 105 Resp: 27994
Ion Ratio Lower Upper
105 100
120 46.6 22.9 68.8

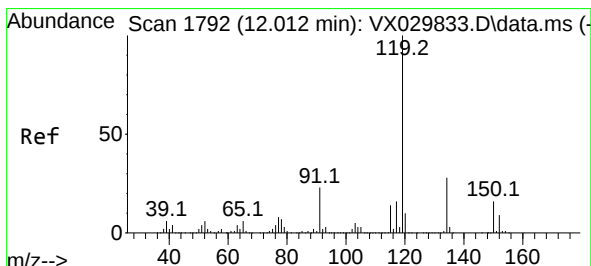
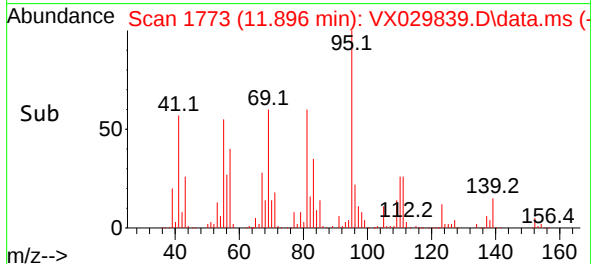
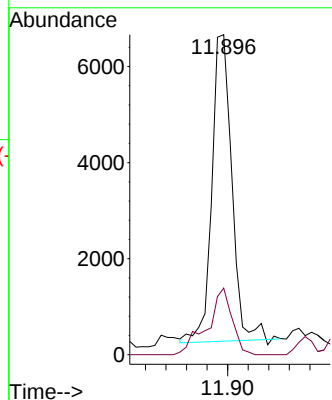
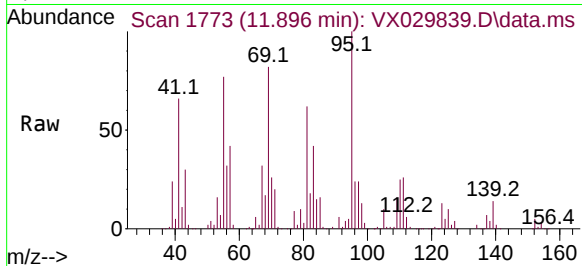




#85
 sec-Butylbenzene
 Concen: 0.748 ug/l
 RT: 11.896 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX029839.D
 Acq: 28 Jun 2022 19:26

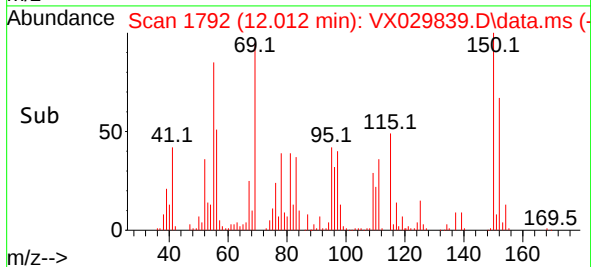
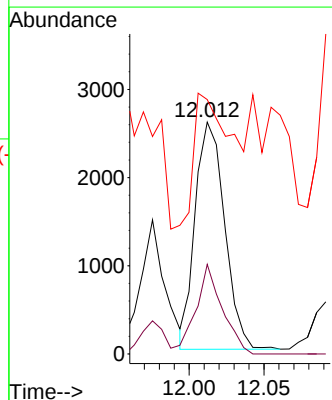
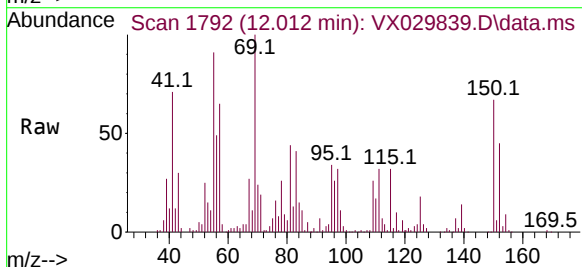
Instrument :
 MSVOA_X
 ClientSampleId :
 SP-EXC-3-GR

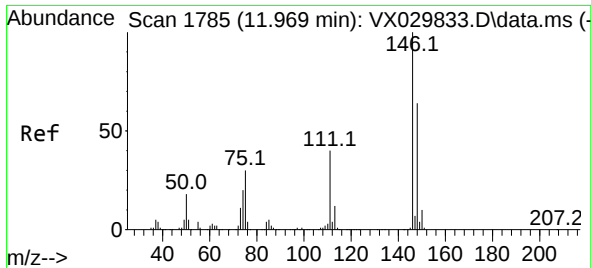
Tgt Ion:105 Resp: 8601
 Ion Ratio Lower Upper
 105 100
 134 26.7 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 0.385 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX029839.D
 Acq: 28 Jun 2022 19:26

Tgt Ion:119 Resp: 3533
 Ion Ratio Lower Upper
 119 100
 134 35.4 13.9 41.6
 91 74.2 11.8 35.3#

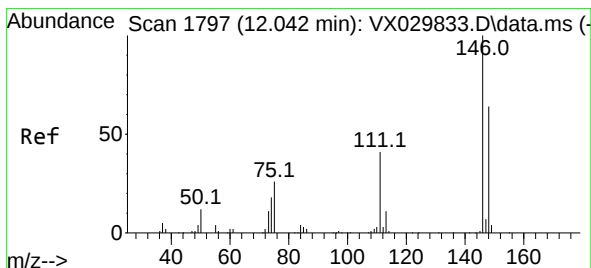
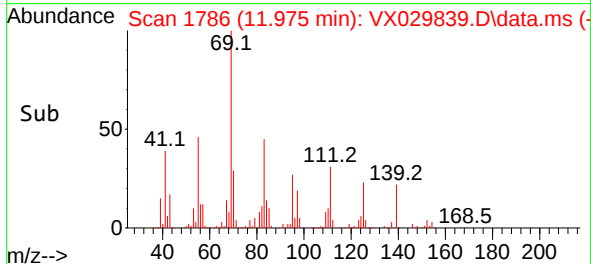
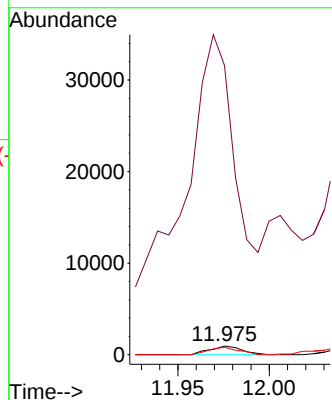
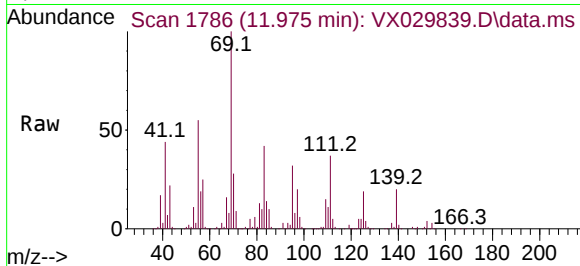




#87
 1,3-Dichlorobenzene
 Concen: 0.226 ug/l
 RT: 11.975 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX029839.D
 Acq: 28 Jun 2022 19:26

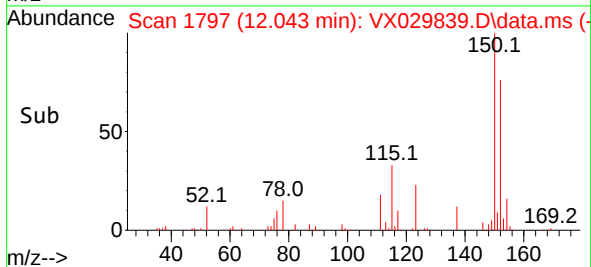
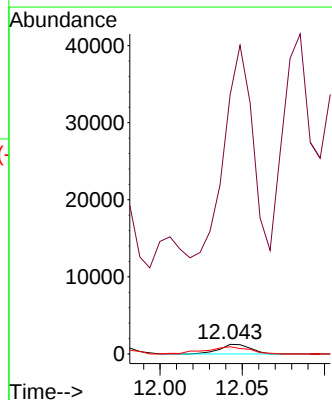
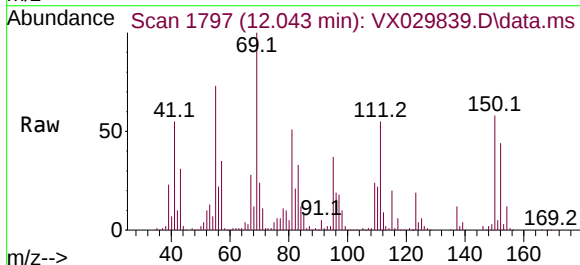
Instrument :
 MSVOA_X
 ClientSampleId :
 SP-EXC-3-GR

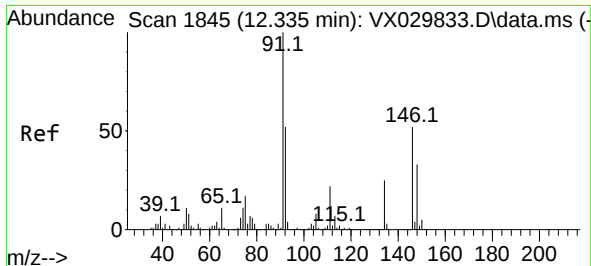
Tgt Ion:146 Resp: 1158
 Ion Ratio Lower Upper
 146 100
 111 5295.3 20.3 60.8#
 148 79.4 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 0.312 ug/l
 RT: 12.043 min Scan# 1797
 Delta R.T. 0.000 min
 Lab File: VX029839.D
 Acq: 28 Jun 2022 19:26

Tgt Ion:146 Resp: 1633
 Ion Ratio Lower Upper
 146 100
 111 2277.1 20.3 60.9#
 148 104.6 32.3 96.8#

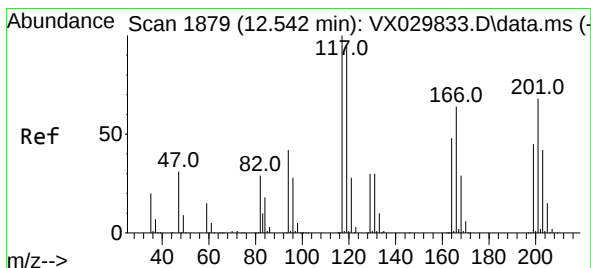
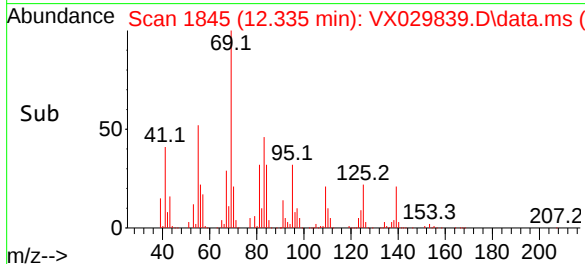
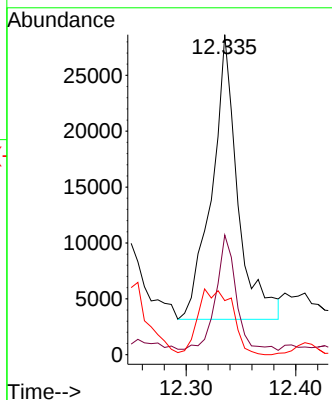
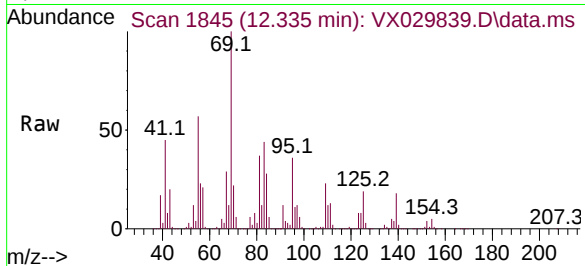




#89
n-Butylbenzene
Concen: 4.857 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX029839.D
Acq: 28 Jun 2022 19:26

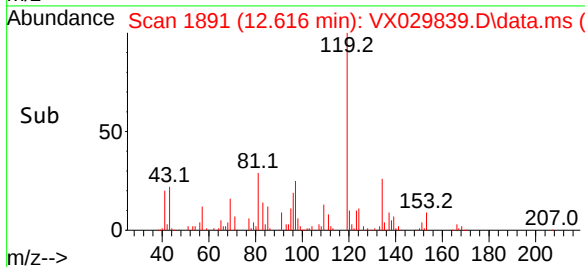
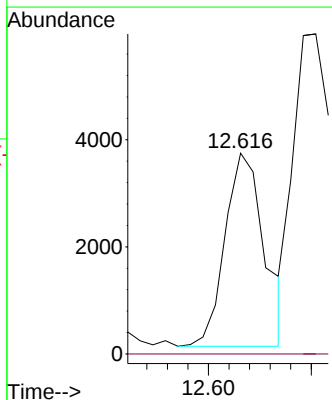
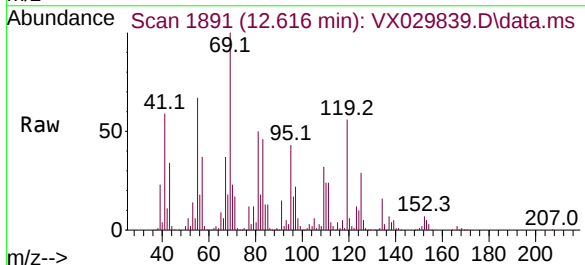
Instrument :
MSVOA_X
ClientSampleId :
SP-EXC-3-GR

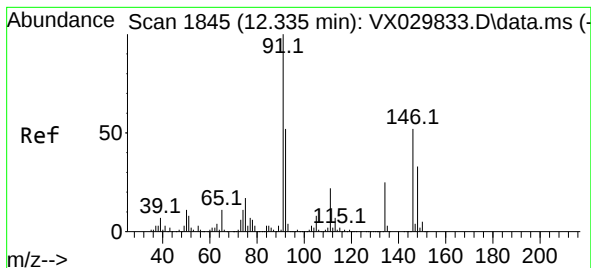
Tgt Ion: 91 Resp: 41905
Ion Ratio Lower Upper
91 100
92 31.4 26.2 78.5
134 30.6 12.6 37.8



#90
Hexachloroethane
Concen: 3.204 ug/l
RT: 12.616 min Scan# 1891
Delta R.T. 0.073 min
Lab File: VX029839.D
Acq: 28 Jun 2022 19:26

Tgt Ion: 117 Resp: 4796
Ion Ratio Lower Upper
117 100
201 0.0 34.2 102.5#





#91

1,2-Dichlorobenzene

Concen: 0.271 ug/l

RT: 12.341 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX029839.D

Acq: 28 Jun 2022 19:26

Instrument :

MSVOA_X

ClientSampleId :

SP-EXC-3-GR

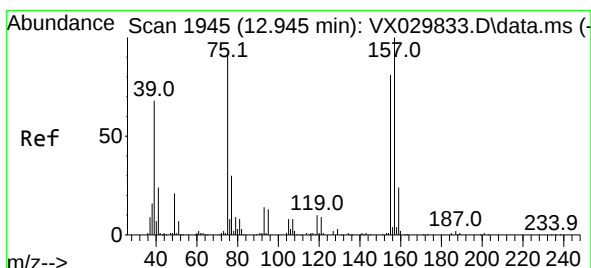
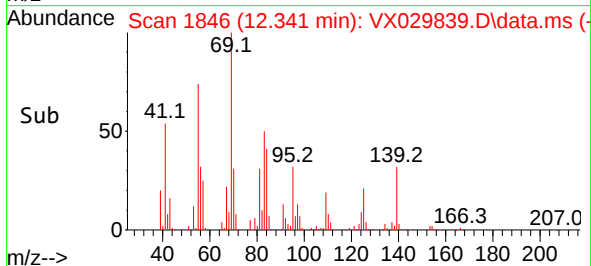
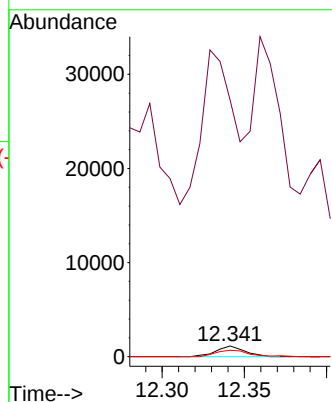
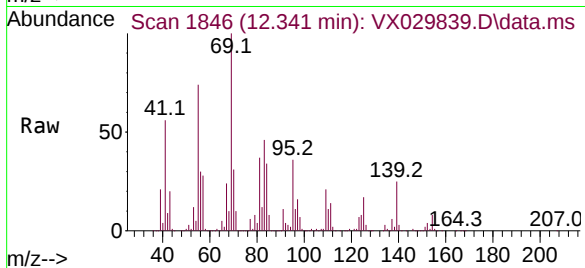
Tgt Ion:146 Resp: 1362

Ion Ratio Lower Upper

146 100

111 1549.8 20.7 62.1#

148 72.7 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.537 ug/l

RT: 12.920 min Scan# 1941

Delta R.T. -0.024 min

Lab File: VX029839.D

Acq: 28 Jun 2022 19:26

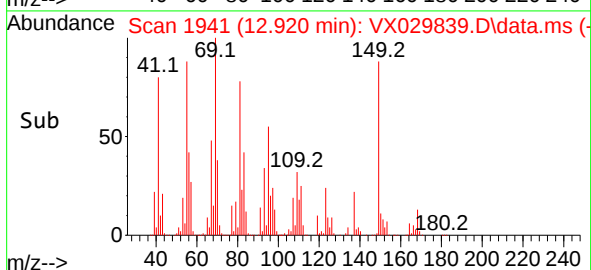
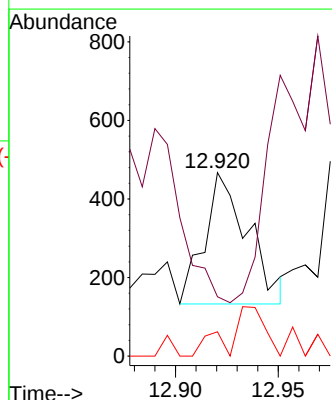
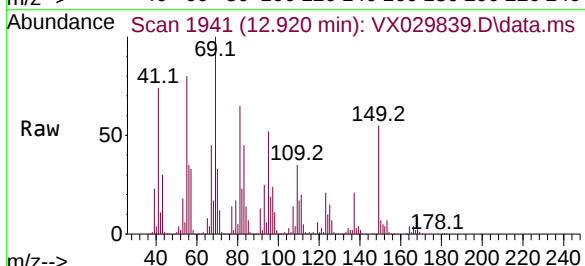
Tgt Ion: 75 Resp: 490

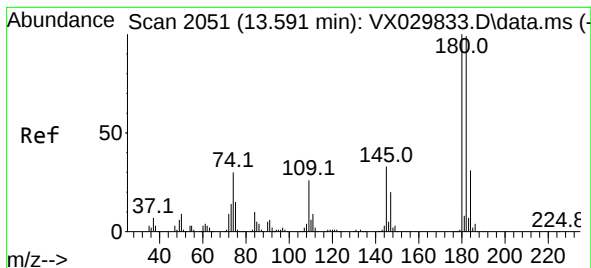
Ion Ratio Lower Upper

75 100

155 0.0 45.0 134.8#

157 31.4 56.9 170.7#





#93

1,2,4-Trichlorobenzene

Concen: 0.683 ug/l

RT: 13.506 min Scan# 2051

Delta R.T. -0.085 min

Lab File: VX029839.D

Acq: 28 Jun 2022 19:26

Instrument :

MSVOA_X

ClientSampleId :

SP-EXC-3-GR

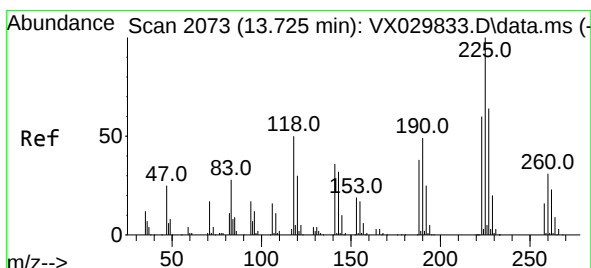
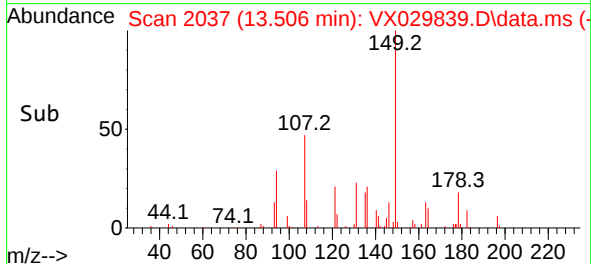
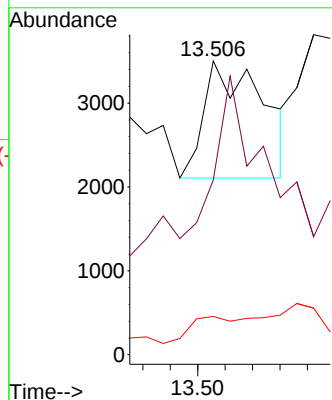
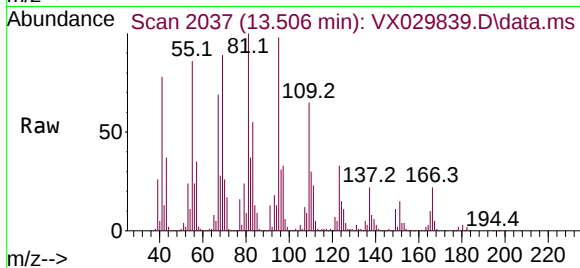
Tgt Ion:180 Resp: 2083

Ion Ratio Lower Upper

180 100

182 119.3 48.2 144.6

145 29.6 15.9 47.6



#94

Hexachlorobutadiene

Concen: 0.763 ug/l

RT: 13.731 min Scan# 2074

Delta R.T. 0.006 min

Lab File: VX029839.D

Acq: 28 Jun 2022 19:26

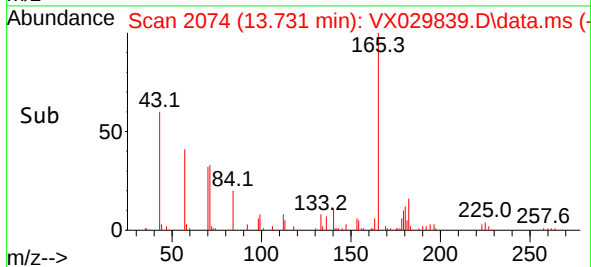
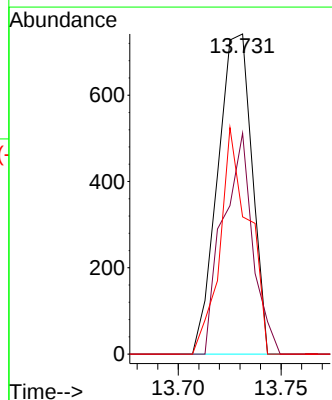
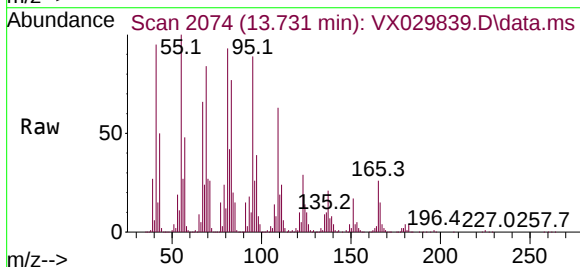
Tgt Ion:225 Resp: 861

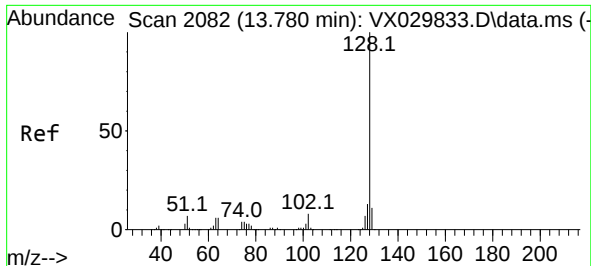
Ion Ratio Lower Upper

225 100

223 59.8 30.6 91.6

227 59.2 31.9 95.9

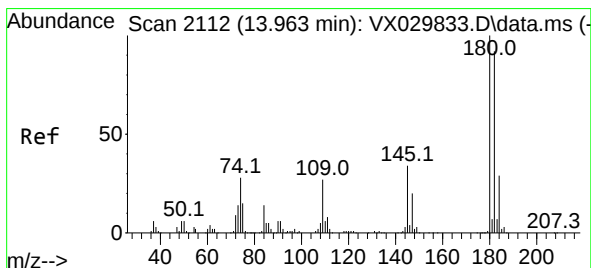
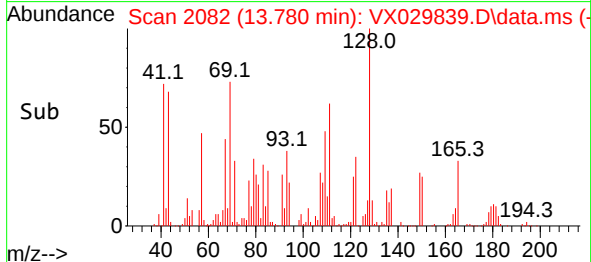
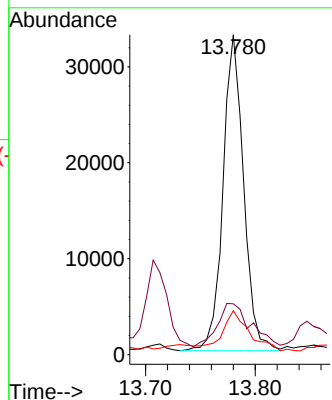
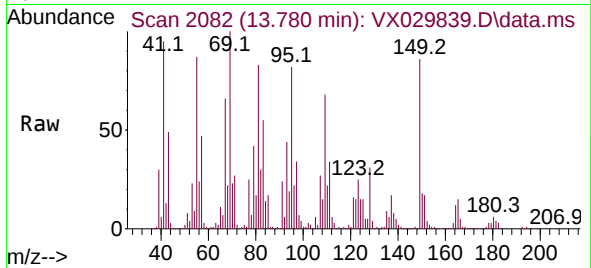




#95
Naphthalene
Concen: 3.478 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX029839.D
Acq: 28 Jun 2022 19:26

Instrument :
MSVOA_X
ClientSampleId :
SP-EXC-3-GR

Tgt Ion:128 Resp: 43061
Ion Ratio Lower Upper
128 100
127 22.3 10.2 15.2#
129 15.8 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 9.194 ug/l
RT: 13.981 min Scan# 2115
Delta R.T. 0.018 min
Lab File: VX029839.D
Acq: 28 Jun 2022 19:26

Tgt Ion:180 Resp: 28701
Ion Ratio Lower Upper
180 100
182 11.6 47.0 141.0#
145 11.3 17.0 50.9#

