

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120722\
 Data File : VX033288.D
 Acq On : 07 Dec 2022 17:59
 Operator : JC/MD
 Sample : N5865-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LEA-5SR

Quant Time: Dec 08 01:43:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

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

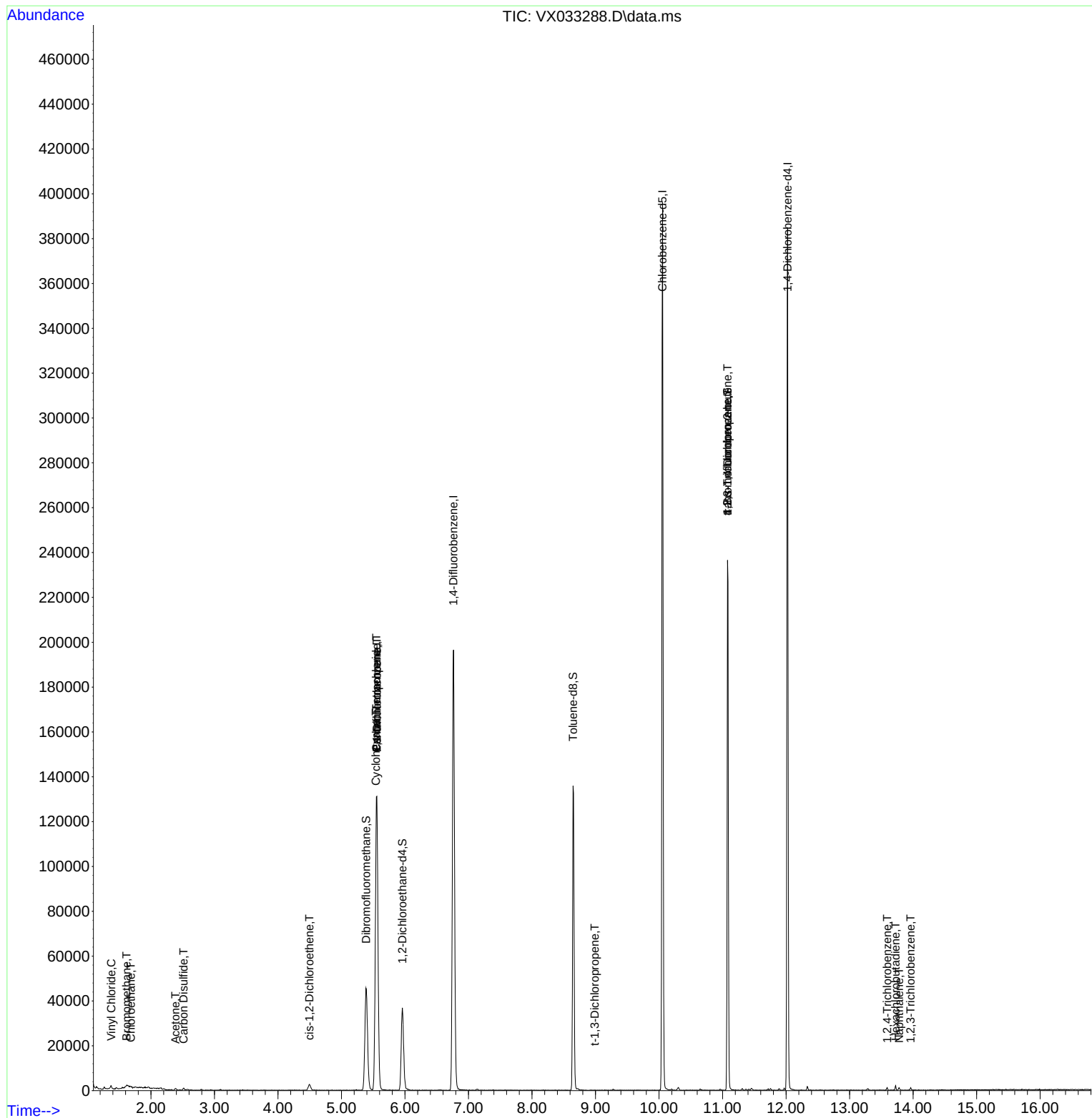
Internal Standards						
1) Pentafluorobenzene	5.556	168	126060	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	201834	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	177135	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79709	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	37552	46.434	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	92.860%	
35) Dibromofluoromethane	5.385	113	40311	44.405	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	88.800%	
50) Toluene-d8	8.647	98	84987	44.751	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	89.500%#	
62) 4-Bromofluorobenzene	11.079	95	62760	43.221	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	86.440%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.374	62	808	0.695	ug/l #	70
5) Bromomethane	1.618	94	261	0.306	ug/l	96
6) Chloroethane	1.685	64	258	0.293	ug/l #	42
16) Acetone	2.386	43	879	1.469	ug/l	97
17) Carbon Disulfide	2.514	76	1148	0.391	ug/l #	94
27) cis-1,2-Dichloroethene	4.495	96	1801	1.205	ug/l	90
31) Cyclohexane	5.544	56	2503	1.302	ug/l #	37
36) 1,1-Dichloropropene	5.556	75	9837	5.558	ug/l #	49
38) Carbon Tetrachloride	5.550	117	12926	6.518	ug/l #	15
53) t-1,3-Dichloropropene	8.988	75	22	2.515	ug/l #	43
76) 1,2,3-Trichloropropane	11.079	75	33125	20.426	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	33125	63.539	ug/l #	6
93) 1,2,4-Trichlorobenzene	13.591	180	402	0.252	ug/l	83
94) Hexachlorobutadiene	13.725	225	352	0.551	ug/l	94
95) Naphthalene	13.780	128	1138	0.214	ug/l #	88
96) 1,2,3-Trichlorobenzene	13.963	180	350	0.217	ug/l	94

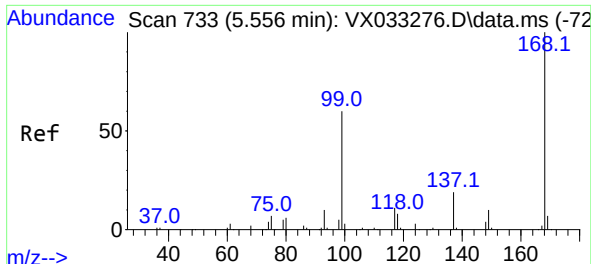
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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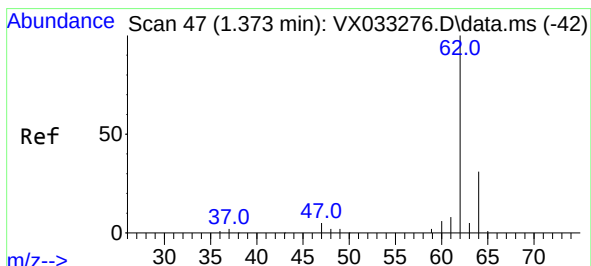
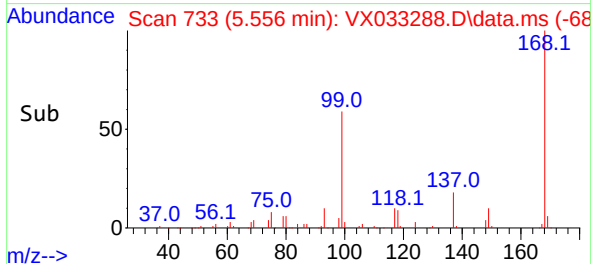
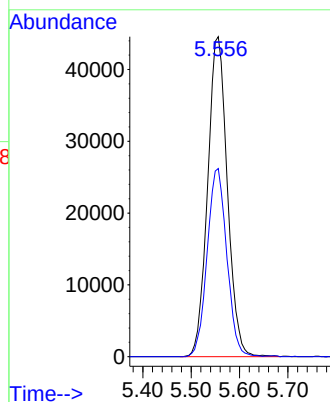
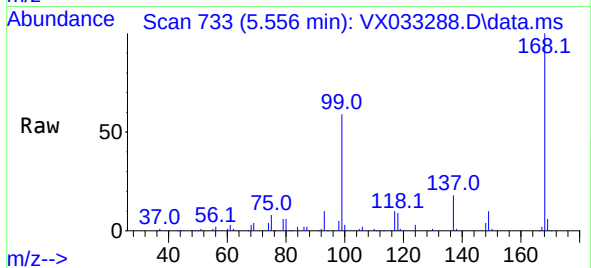




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033288.D
Acq: 07 Dec 2022 17:59

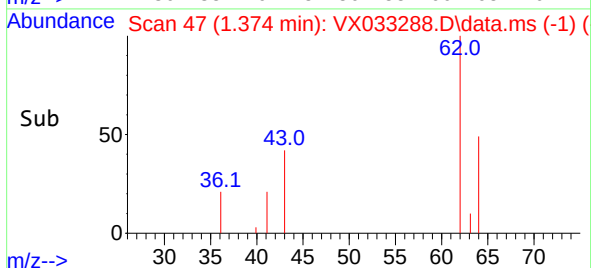
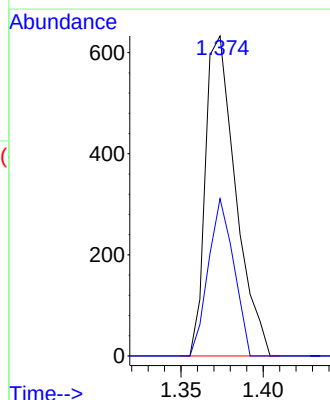
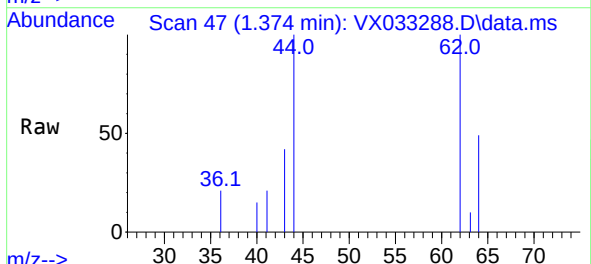
Instrument :
MSVOA_X
ClientSampleId :
LEA-5SR

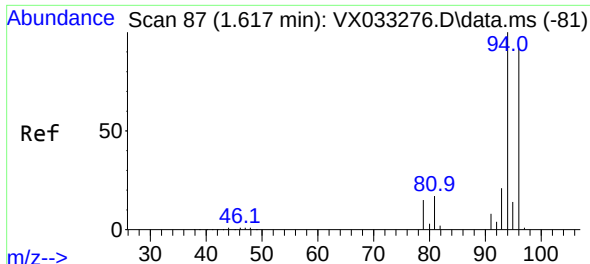
Tgt Ion:168 Resp: 126060
Ion Ratio Lower Upper
168 100
99 58.8 46.1 69.1



#4
Vinyl Chloride
Concen: 0.695 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX033288.D
Acq: 07 Dec 2022 17:59

Tgt Ion: 62 Resp: 808
Ion Ratio Lower Upper
62 100
64 49.1 25.8 38.6#

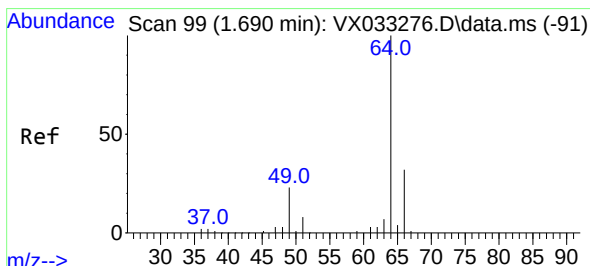
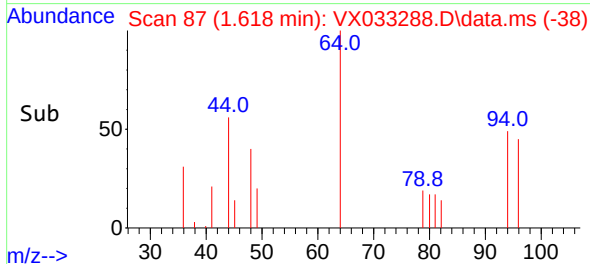
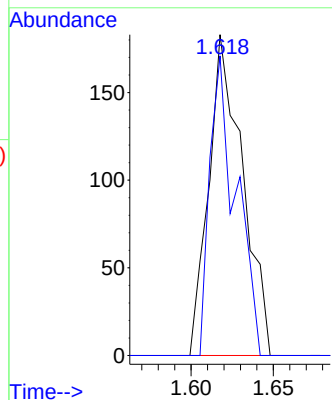
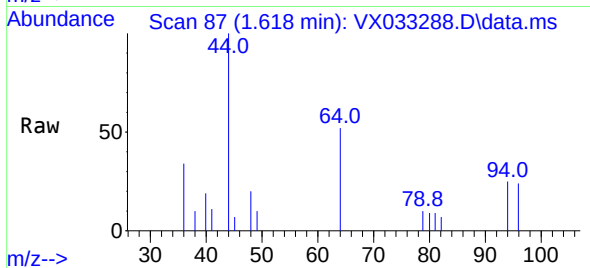




#5
Bromomethane
Concen: 0.306 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX033288.D
Acq: 07 Dec 2022 17:59

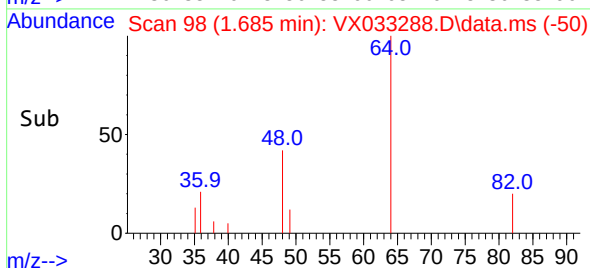
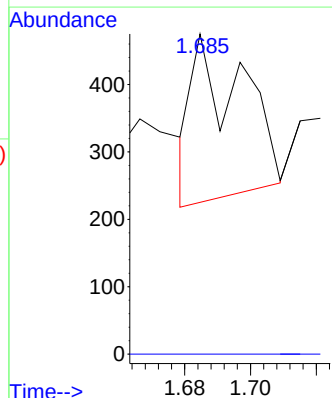
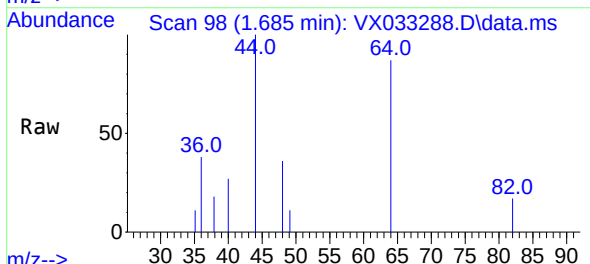
Instrument :
MSVOA_X
ClientSampleId :
LEA-5SR

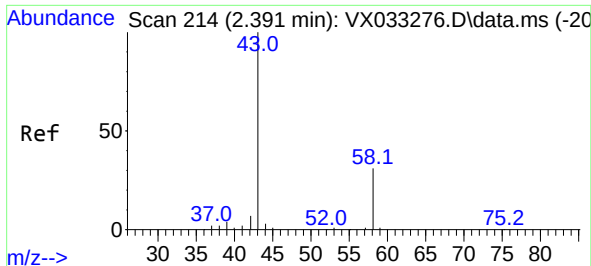
Tgt Ion: 94 Resp: 261
Ion Ratio Lower Upper
94 100
96 93.4 77.6 116.4



#6
Chloroethane
Concen: 0.293 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.006 min
Lab File: VX033288.D
Acq: 07 Dec 2022 17:59

Tgt Ion: 64 Resp: 258
Ion Ratio Lower Upper
64 100
66 0.0 26.0 39.0#

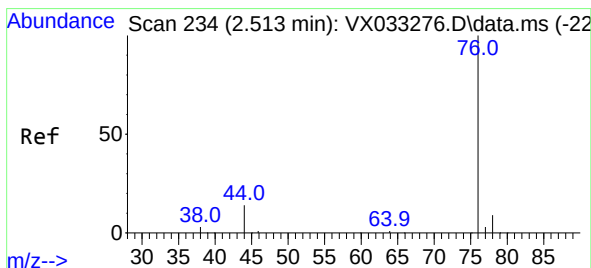
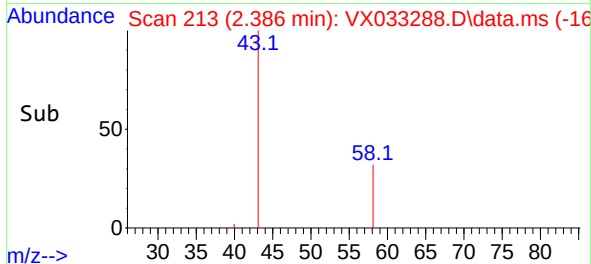
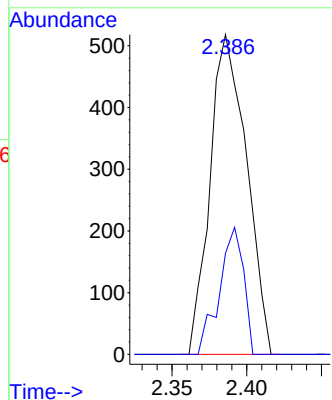
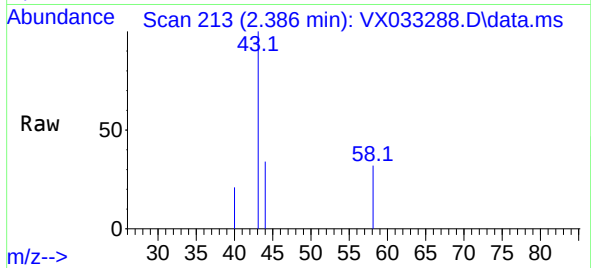




#16
Acetone
Concen: 1.469 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX033288.D
Acq: 07 Dec 2022 17:59

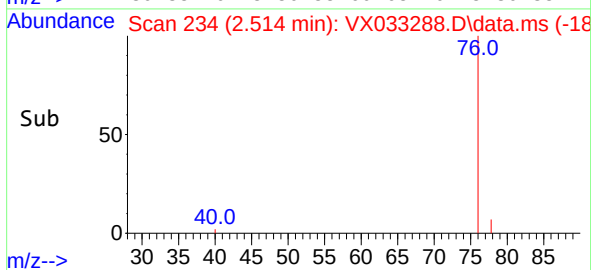
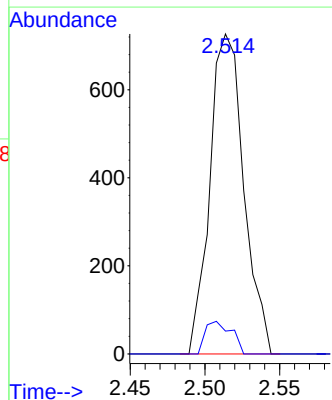
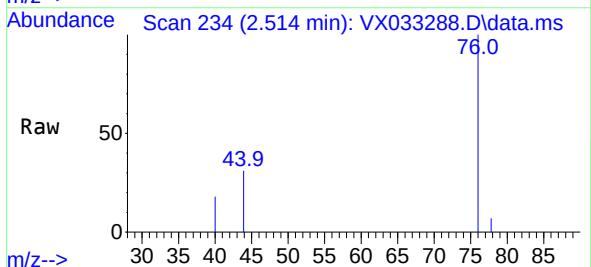
Instrument :
MSVOA_X
ClientSampleId :
LEA-5SR

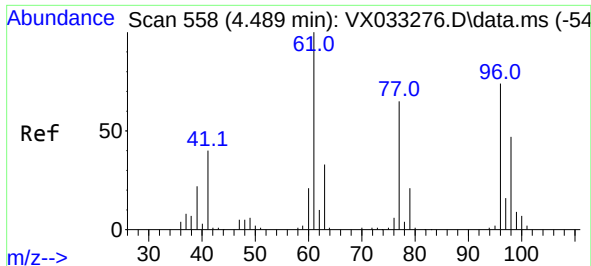
Tgt Ion: 43 Resp: 879
Ion Ratio Lower Upper
43 100
58 31.7 23.8 35.8



#17
Carbon Disulfide
Concen: 0.391 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX033288.D
Acq: 07 Dec 2022 17:59

Tgt Ion: 76 Resp: 1148
Ion Ratio Lower Upper
76 100
78 7.2 7.5 11.3#



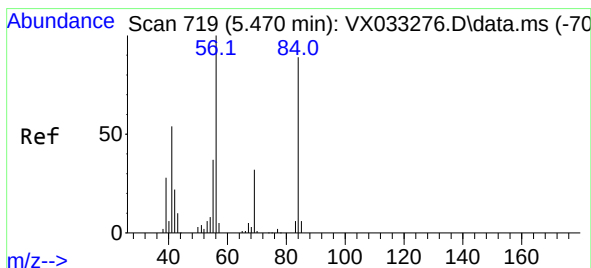
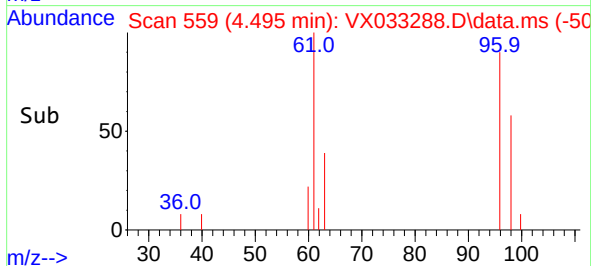
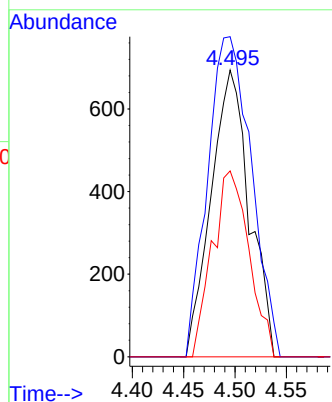
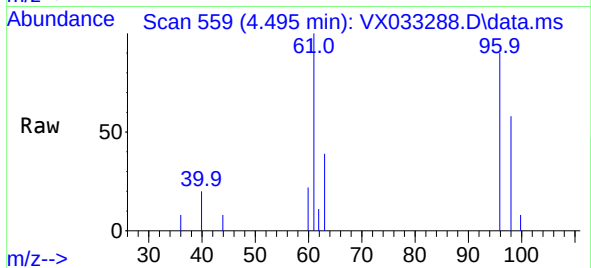


#27
 cis-1,2-Dichloroethene
 Concen: 1.205 ug/l
 RT: 4.495 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VX033288.D
 Acq: 07 Dec 2022 17:59

Instrument :
 MSVOA_X
 ClientSampleId :
 LEA-5SR

Tgt Ion: 96 Resp: 1801

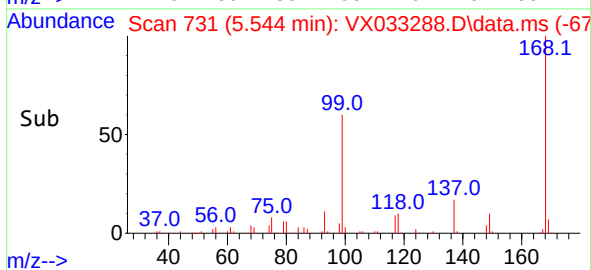
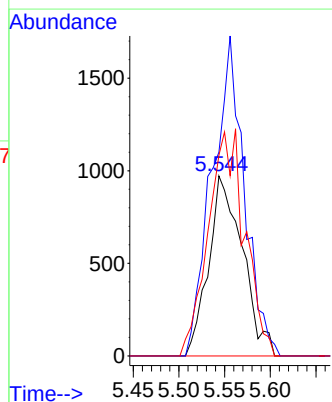
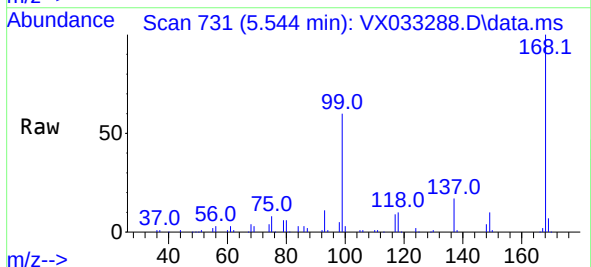
Ion	Ratio	Lower	Upper
96	100		
61	127.5	0.0	286.0
98	62.0	0.0	129.6

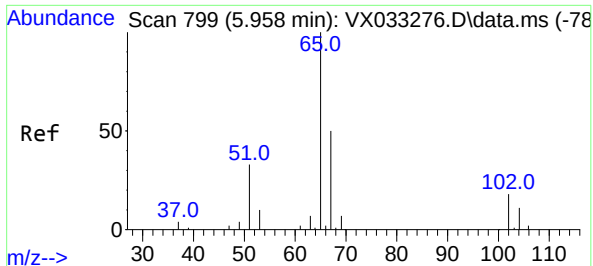


#31
 Cyclohexane
 Concen: 1.302 ug/l
 RT: 5.544 min Scan# 731
 Delta R.T. 0.074 min
 Lab File: VX033288.D
 Acq: 07 Dec 2022 17:59

Tgt Ion: 56 Resp: 2503

Ion	Ratio	Lower	Upper
56	100		
69	113.3	24.1	36.1#
84	111.4	66.9	100.3#





#33

1,2-Dichloroethane-d4

Concen: 46.434 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033288.D

Acq: 07 Dec 2022 17:59

Instrument :

MSVOA_X

ClientSampleId :

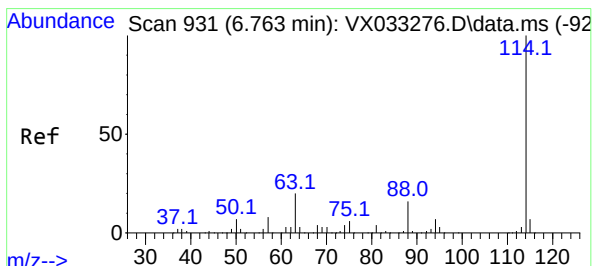
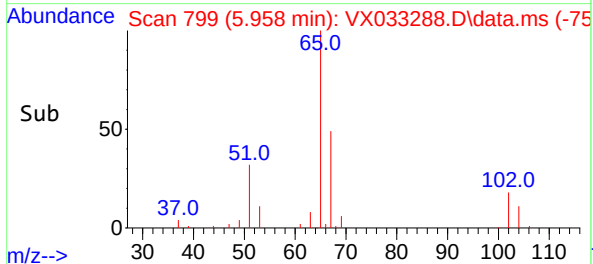
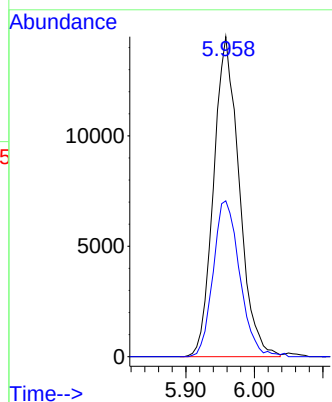
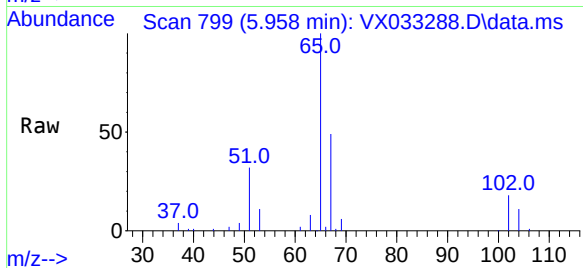
LEA-5SR

Tgt Ion: 65 Resp: 37552

Ion Ratio Lower Upper

65 100

67 50.6 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX033288.D

Acq: 07 Dec 2022 17:59

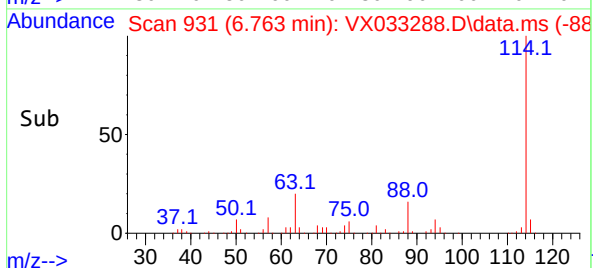
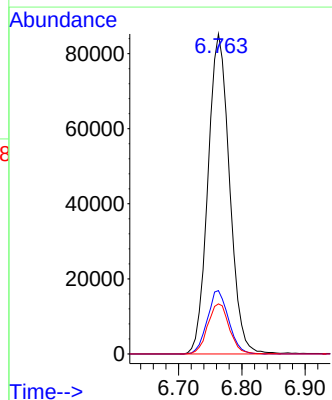
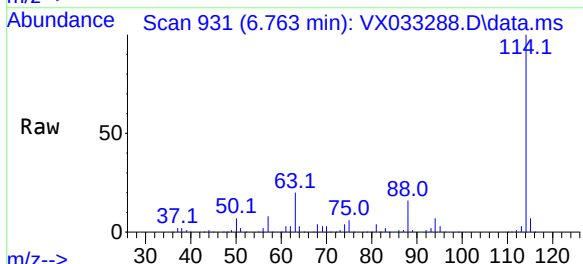
Tgt Ion: 114 Resp: 201834

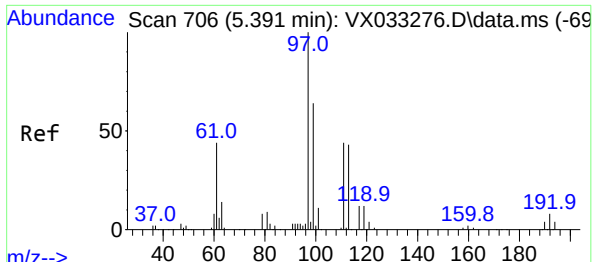
Ion Ratio Lower Upper

114 100

63 19.8 0.0 41.6

88 15.6 0.0 33.4





#35

Dibromofluoromethane

Concen: 44.405 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX033288.D

Acq: 07 Dec 2022 17:59

Instrument :

MSVOA_X

ClientSampleId :

LEA-5SR

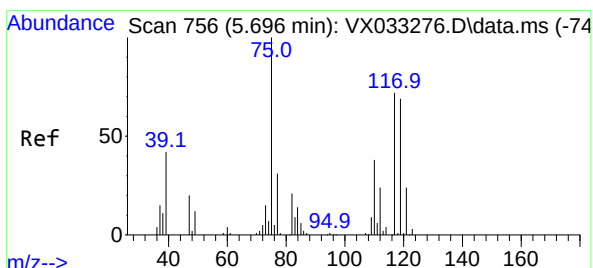
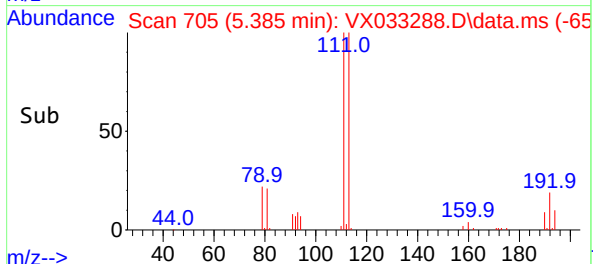
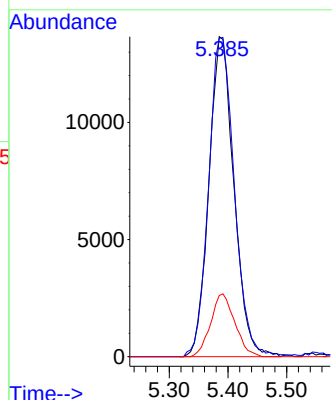
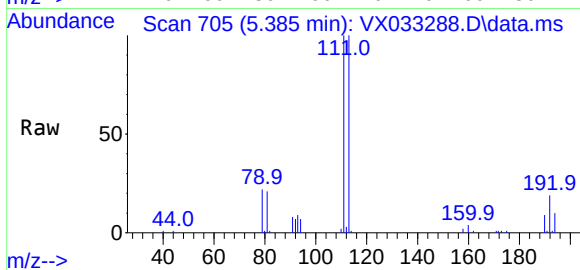
Tgt Ion:113 Resp: 40311

Ion Ratio Lower Upper

113 100

111 102.6 82.4 123.6

192 19.0 15.4 23.2



#36

1,1-Dichloropropene

Concen: 5.558 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX033288.D

Acq: 07 Dec 2022 17:59

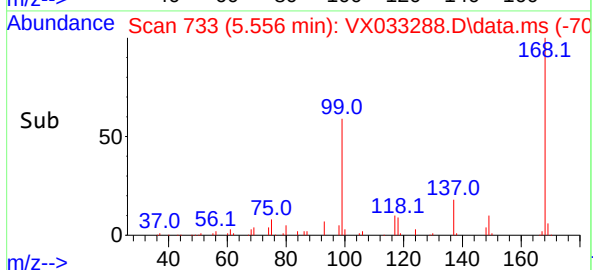
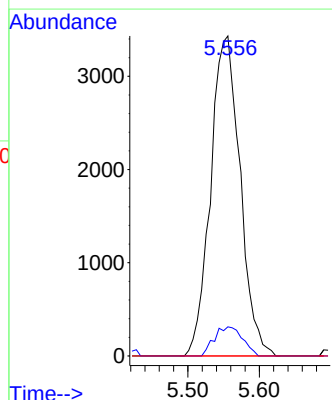
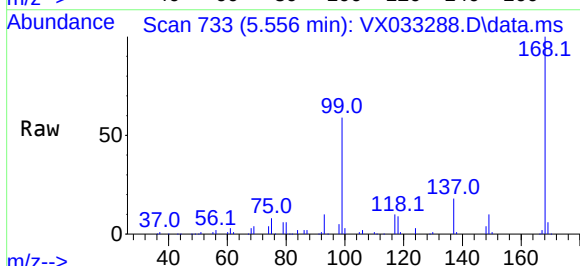
Tgt Ion: 75 Resp: 9837

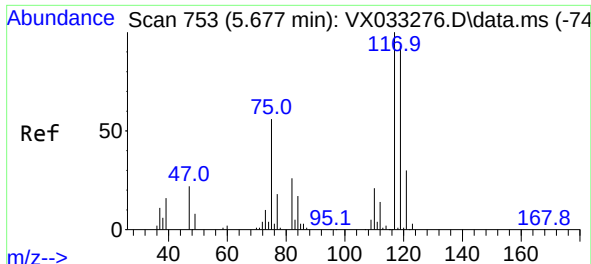
Ion Ratio Lower Upper

75 100

110 8.7 18.4 55.2#

77 0.0 24.5 36.7#

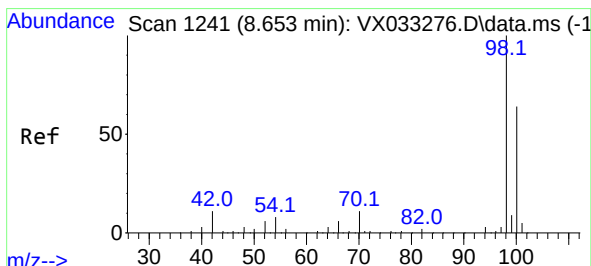
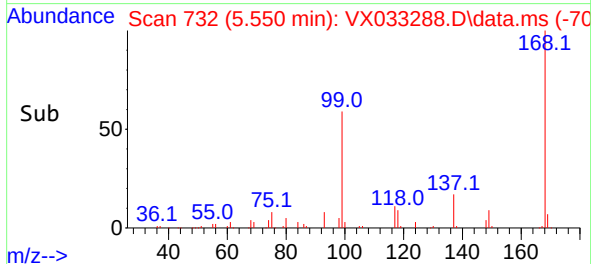
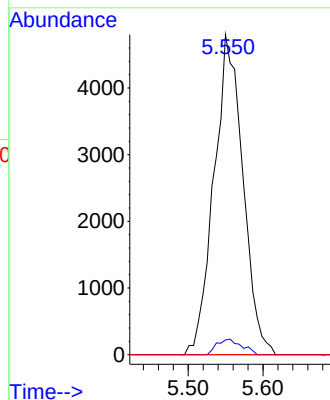
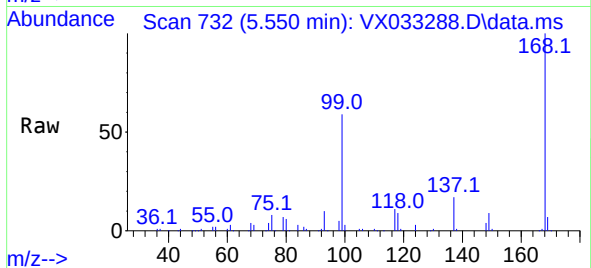




#38
Carbon Tetrachloride
Concen: 6.518 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX033288.D
Acq: 07 Dec 2022 17:59

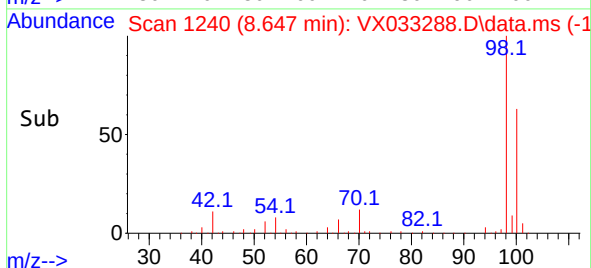
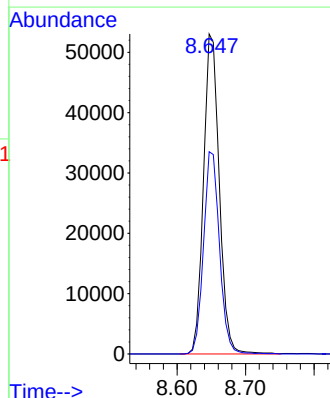
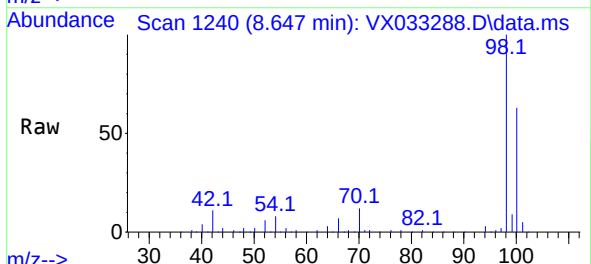
Instrument :
MSVOA_X
ClientSampleId :
LEA-5SR

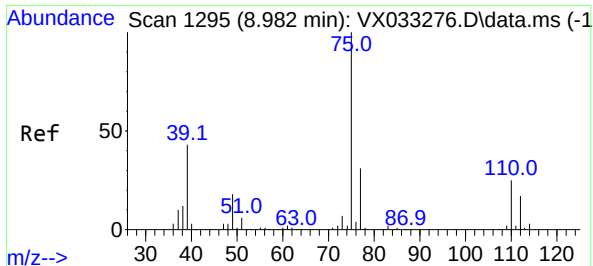
Tgt Ion:117 Resp: 12926
Ion Ratio Lower Upper
117 100
119 4.6 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 44.751 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033288.D
Acq: 07 Dec 2022 17:59

Tgt Ion: 98 Resp: 84987
Ion Ratio Lower Upper
98 100
100 63.9 50.9 76.3





#53

t-1,3-Dichloropropene

Concen: 2.515 ug/l

RT: 8.988 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX033288.D

Acq: 07 Dec 2022 17:59

Instrument :

MSVOA_X

ClientSampleId :

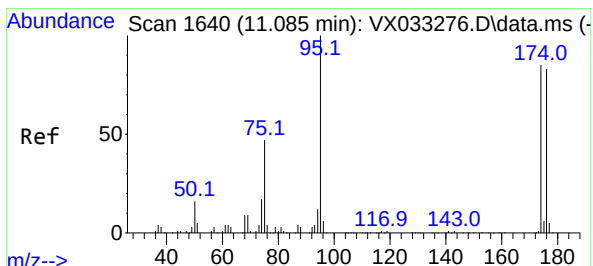
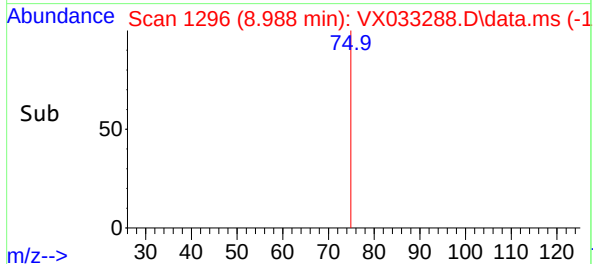
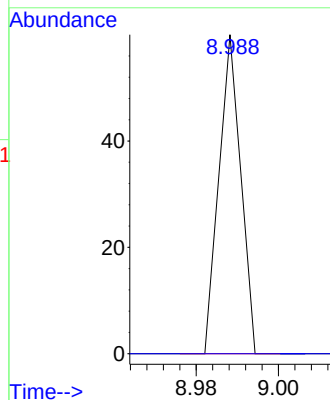
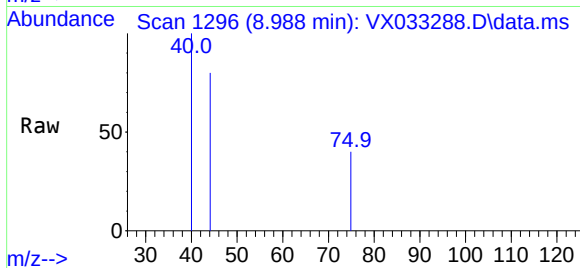
LEA-5SR

Tgt Ion: 75 Resp: 22

Ion Ratio Lower Upper

75 100

77 0.0 25.1 37.7#



#62

4-Bromofluorobenzene

Concen: 43.221 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX033288.D

Acq: 07 Dec 2022 17:59

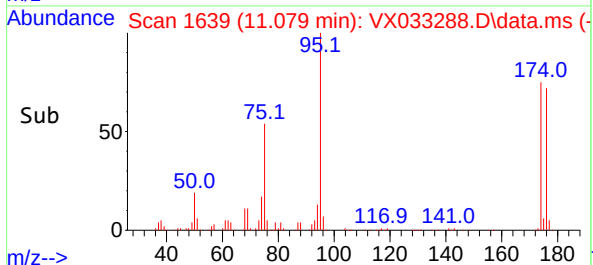
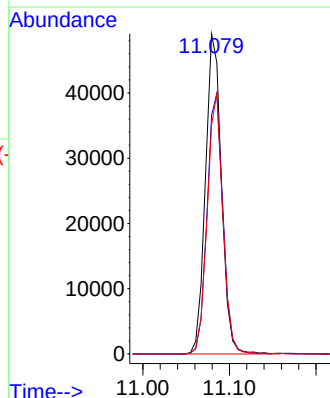
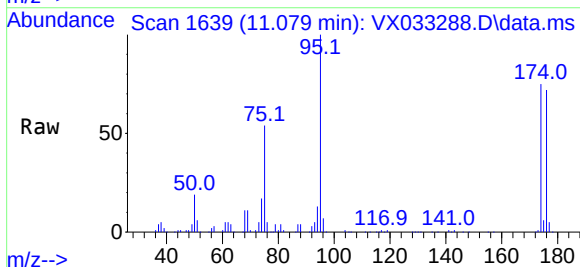
Tgt Ion: 95 Resp: 62760

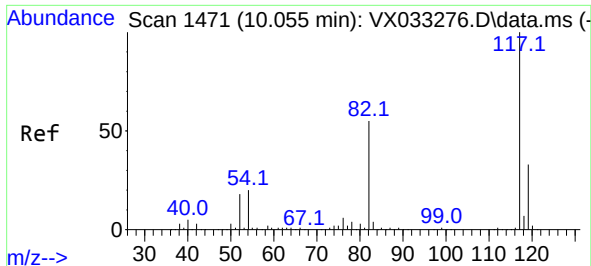
Ion Ratio Lower Upper

95 100

174 81.1 0.0 164.0

176 79.5 0.0 154.4

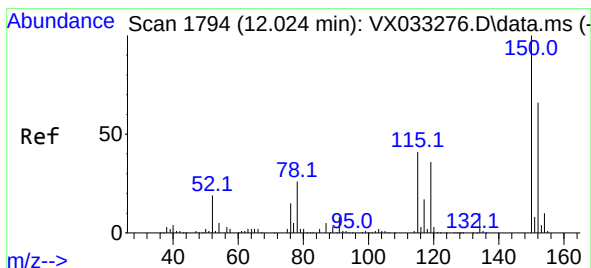
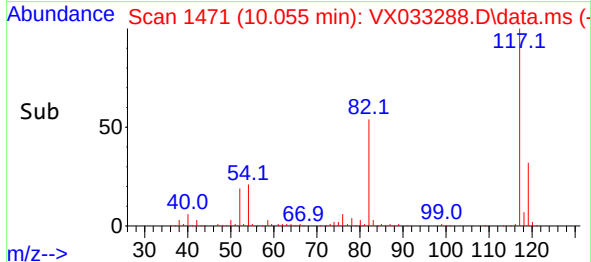
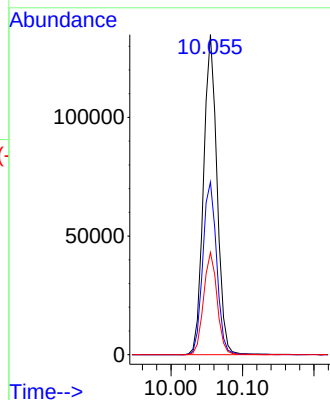
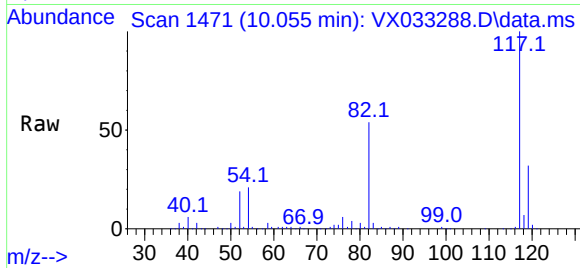




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033288.D
Acq: 07 Dec 2022 17:59

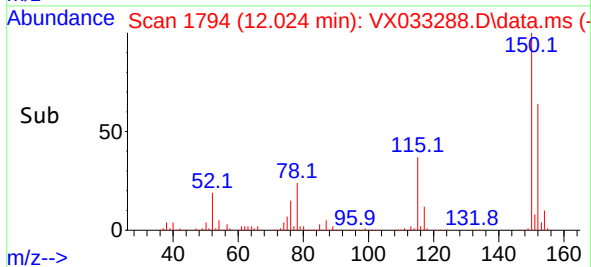
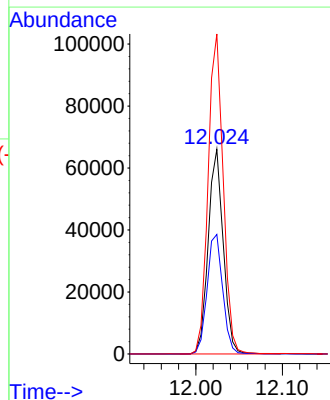
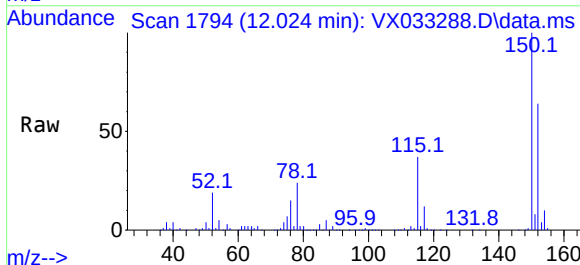
Instrument :
MSVOA_X
ClientSampleId :
LEA-5SR

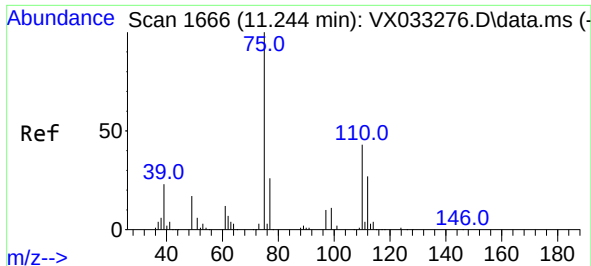
Tgt Ion:117 Resp: 177135
Ion Ratio Lower Upper
117 100
82 54.0 44.3 66.5
119 31.9 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033288.D
Acq: 07 Dec 2022 17:59

Tgt Ion:152 Resp: 79709
Ion Ratio Lower Upper
152 100
115 60.6 44.0 132.0
150 156.9 0.0 351.8

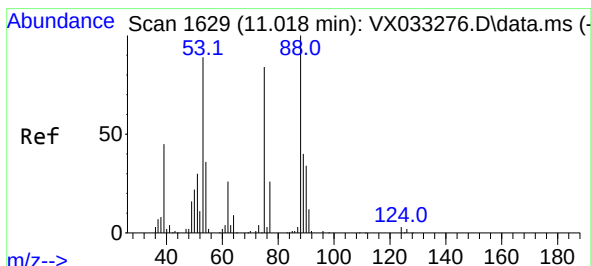
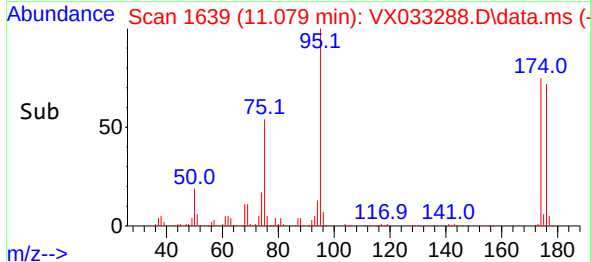
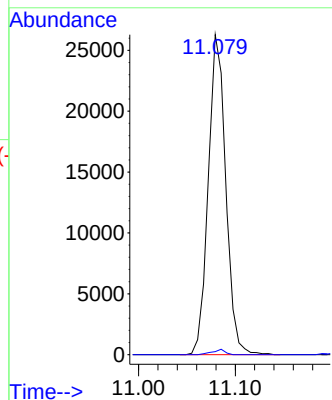
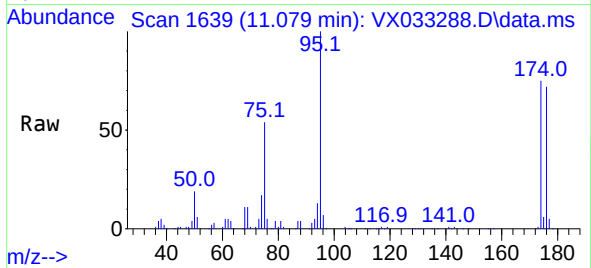




#76
1,2,3-Trichloropropane
Concen: 20.426 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX033288.D
Acq: 07 Dec 2022 17:59

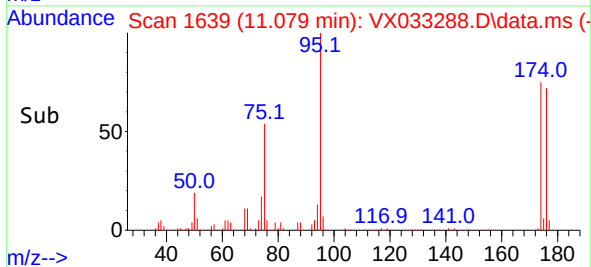
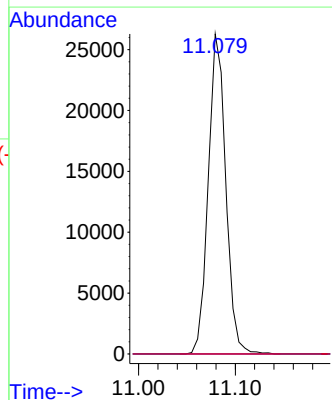
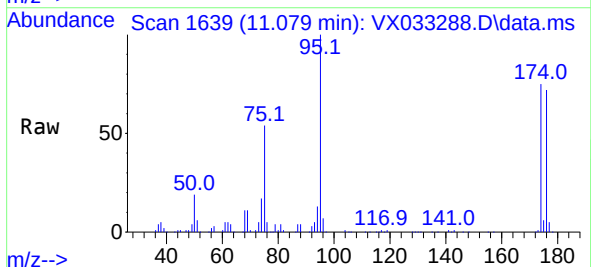
Instrument :
MSVOA_X
ClientSampleId :
LEA-5SR

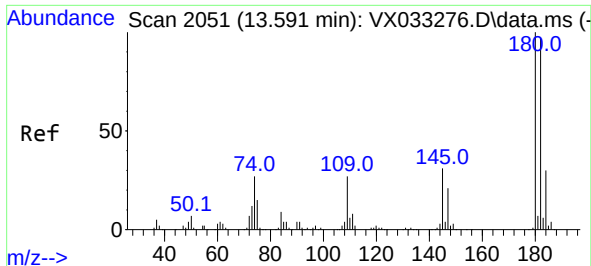
Tgt Ion: 75 Resp: 33125
Ion Ratio Lower Upper
75 100
77 1.2 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.539 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033288.D
Acq: 07 Dec 2022 17:59

Tgt Ion: 75 Resp: 33125
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

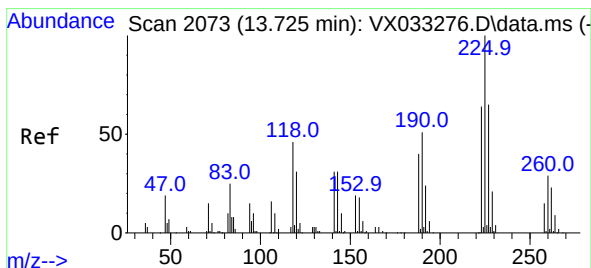
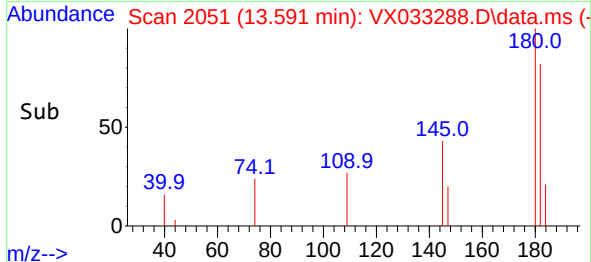
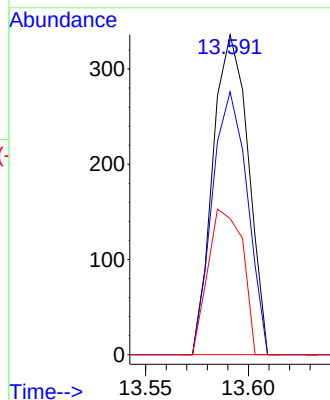
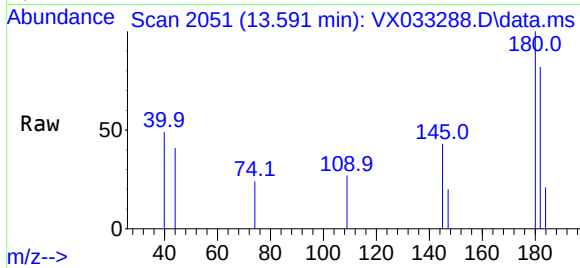




#93
1,2,4-Trichlorobenzene
Concen: 0.252 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX033288.D
Acq: 07 Dec 2022 17:59

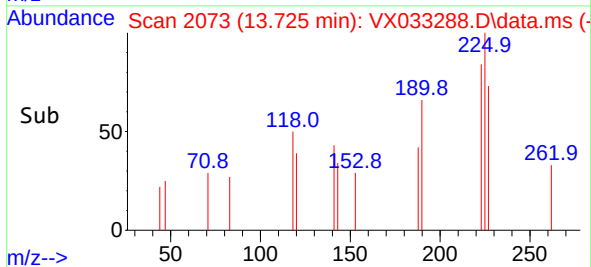
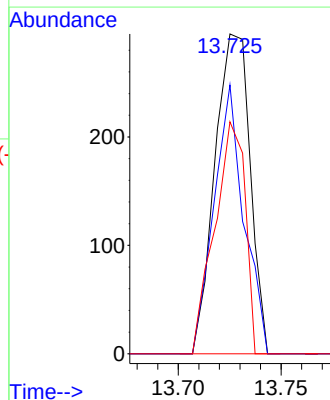
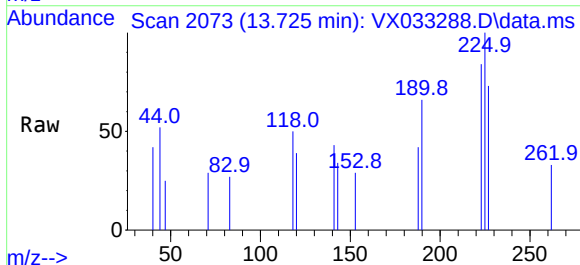
Instrument :
MSVOA_X
ClientSampleId :
LEA-5SR

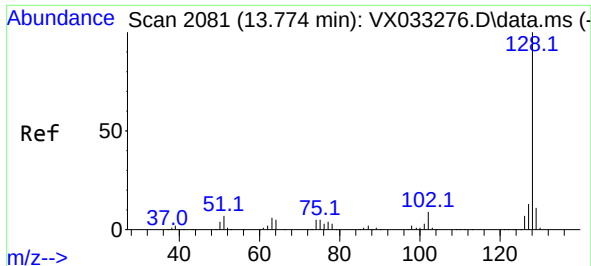
Tgt Ion:180 Resp: 402
Ion Ratio Lower Upper
180 100
182 81.6 48.4 145.0
145 44.5 16.2 48.5



#94
Hexachlorobutadiene
Concen: 0.551 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX033288.D
Acq: 07 Dec 2022 17:59

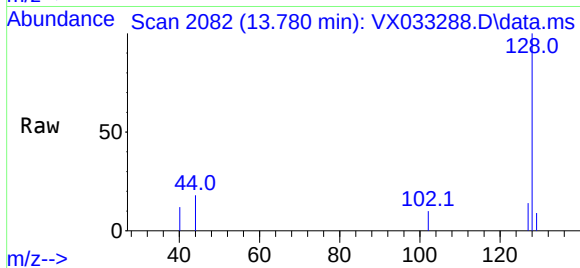
Tgt Ion:225 Resp: 352
Ion Ratio Lower Upper
225 100
223 71.6 31.9 95.9
227 62.5 31.9 95.5



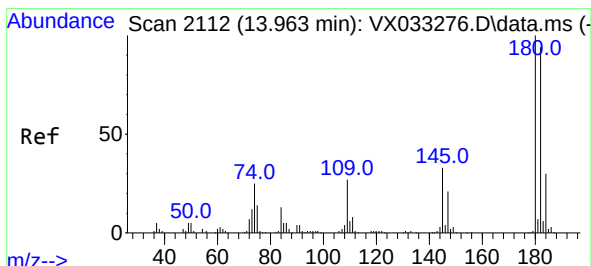
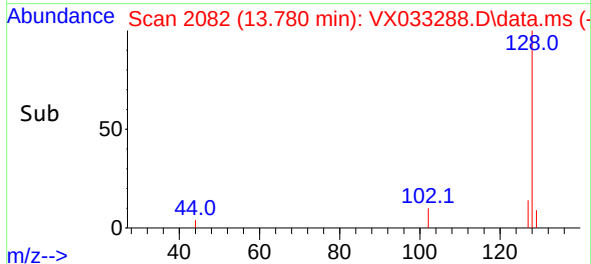
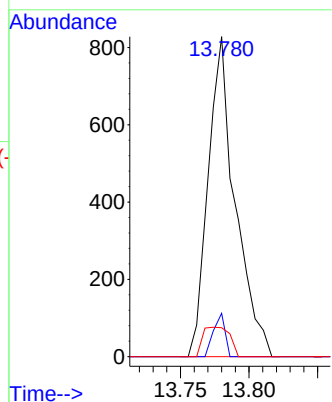


#95
Naphthalene
Concen: 0.214 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX033288.D
Acq: 07 Dec 2022 17:59

Instrument :
MSVOA_X
ClientSampleId :
LEA-5SR



Tgt Ion:128 Resp: 1138
Ion Ratio Lower Upper
128 100
127 5.7 10.2 15.4#
129 9.1 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 0.217 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX033288.D
Acq: 07 Dec 2022 17:59

Tgt Ion:180 Resp: 350
Ion Ratio Lower Upper
180 100
182 88.0 47.5 142.6
145 34.3 16.9 50.6

