

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120722\
 Data File : VX033292.D
 Acq On : 07 Dec 2022 19:32
 Operator : JC/MD
 Sample : N5865-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LEA-5IDL

Quant Time: Dec 08 01:43:53 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)

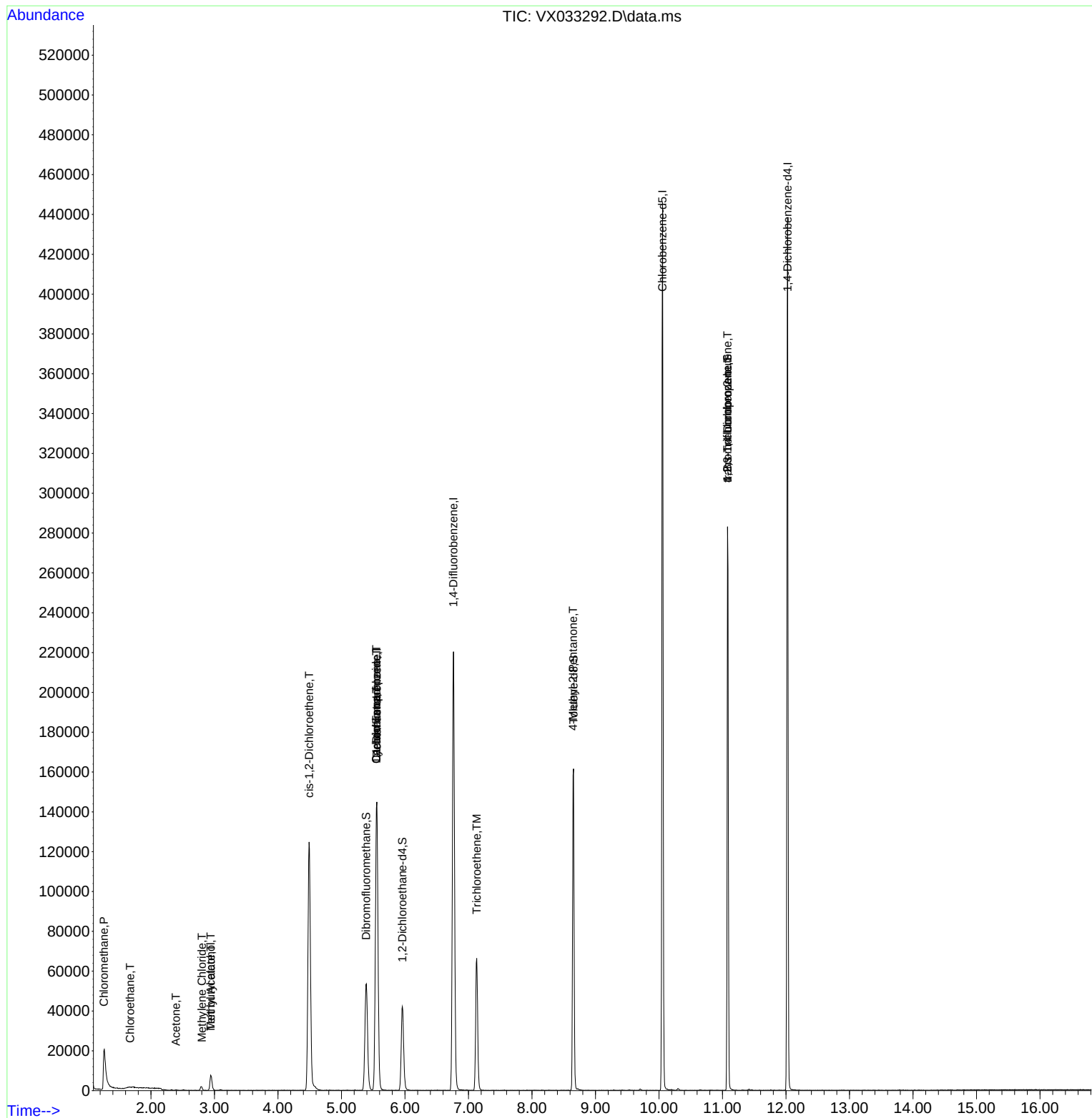
Internal Standards						
1) Pentafluorobenzene	5.556	168	138247	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	225034	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	198548	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89891	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	43650	49.216	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.440%		
35) Dibromofluoromethane	5.385	113	47093	46.527	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.060%		
50) Toluene-d8	8.653	98	100045	47.249	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.500%		
62) 4-Bromofluorobenzene	11.079	95	73853	45.617	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.240%		
Target Compounds						Qvalue
3) Chloromethane	1.258	50	961	0.861	ug/l #	43
6) Chloroethane	1.673	64	237	0.245	ug/l #	42
11) Tert butyl alcohol	2.941	59	4559	16.813	ug/l #	72
16) Acetone	2.392	43	232	0.354	ug/l #	45
18) Methyl Acetate	2.941	43	733	0.386	ug/l #	51
20) Methylene Chloride	2.800	84	1032	0.705	ug/l #	81
27) cis-1,2-Dichloroethene	4.489	96	82027	50.062	ug/l	88
31) Cyclohexane	5.550	56	2997	1.422	ug/l #	19
36) 1,1-Dichloropropene	5.550	75	10439	5.290	ug/l #	49
38) Carbon Tetrachloride	5.550	117	14293	6.465	ug/l #	15
44) Trichloroethene	7.129	130	26090	16.446	ug/l	98
51) 4-Methyl-2-Pentanone	8.647	43	473	0.249	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	39078	21.368	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	39078	66.468	ug/l #	6

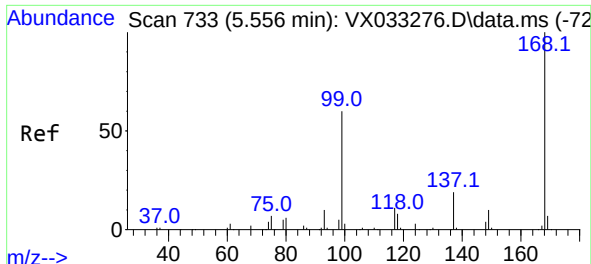
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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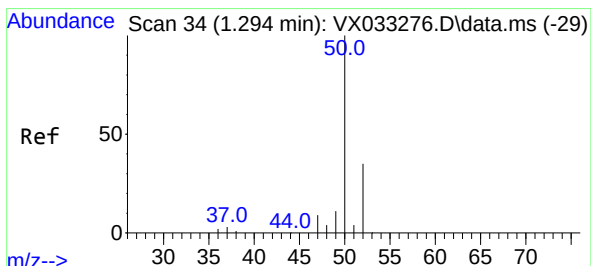
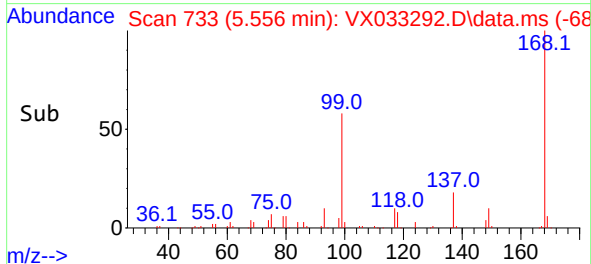
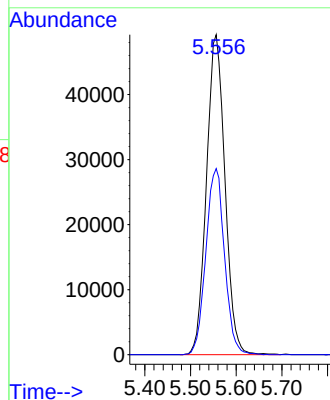
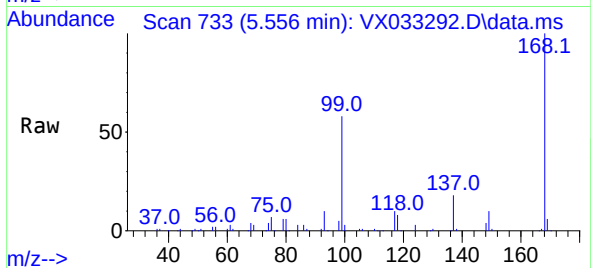




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033292.D
Acq: 07 Dec 2022 19:32

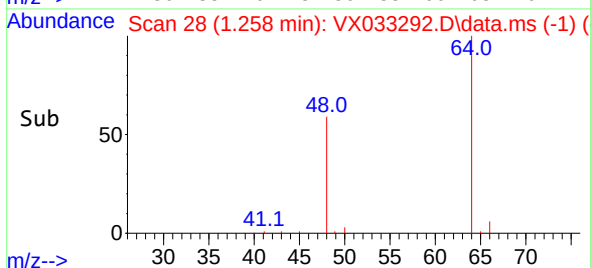
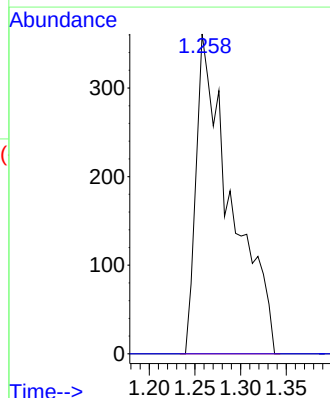
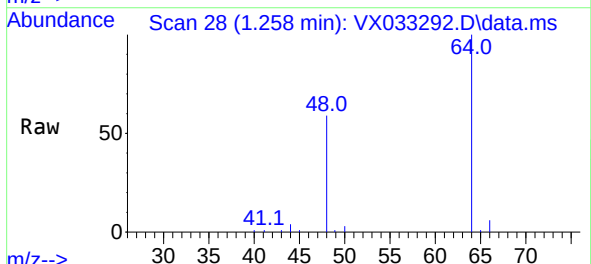
Instrument :
MSVOA_X
ClientSampleId :
LEA-5IDL

Tgt Ion:168 Resp: 138247
Ion Ratio Lower Upper
168 100
99 58.1 46.1 69.1

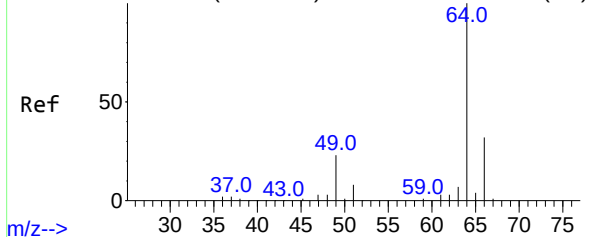


#3
Chloromethane
Concen: 0.861 ug/l
RT: 1.258 min Scan# 28
Delta R.T. -0.036 min
Lab File: VX033292.D
Acq: 07 Dec 2022 19:32

Tgt Ion: 50 Resp: 961
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#



Abundance Scan 99 (1.690 min): VX033276.D\data.ms (-91)

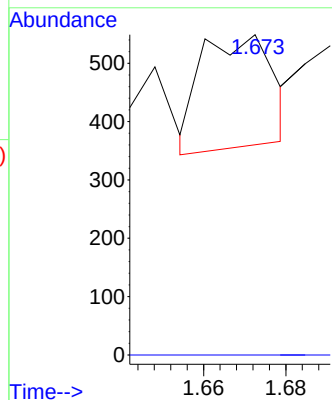
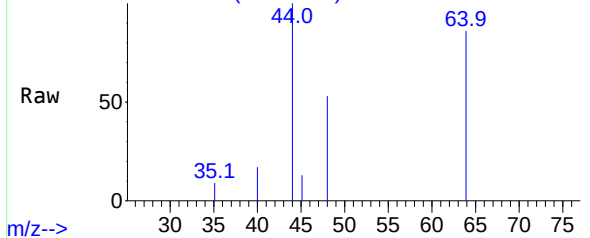


#6
Chloroethane
Concen: 0.245 ug/l
RT: 1.673 min Scan# 91
Delta R.T. -0.018 min
Lab File: VX033292.D
Acq: 07 Dec 2022 19:32

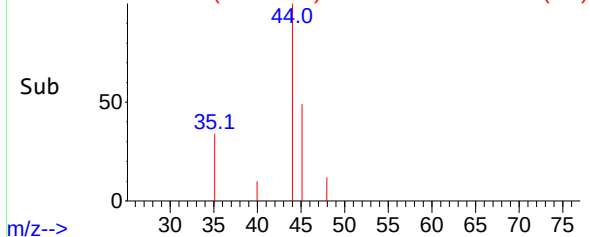
Instrument :
MSVOA_X
ClientSampleId :
LEA-5IDL

Tgt Ion: 64 Resp: 237
Ion Ratio Lower Upper
64 100
66 0.0 26.0 39.0#

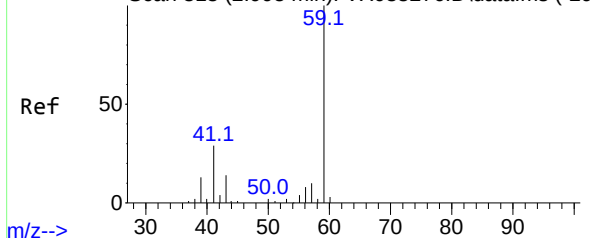
Abundance Scan 96 (1.673 min): VX033292.D\data.ms



Abundance Scan 96 (1.673 min): VX033292.D\data.ms (-50)



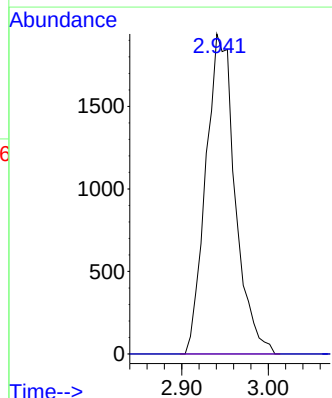
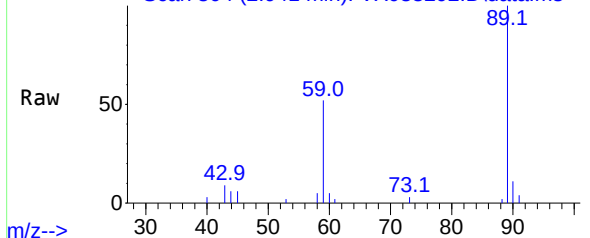
Abundance Scan 313 (2.995 min): VX033276.D\data.ms (-29)



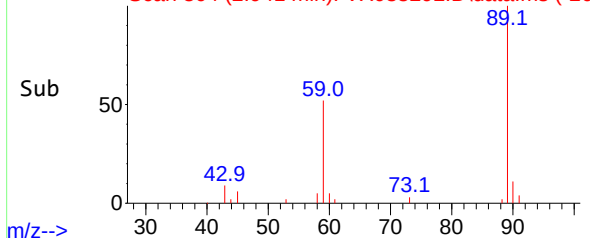
#11
Tert butyl alcohol
Concen: 16.813 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.054 min
Lab File: VX033292.D
Acq: 07 Dec 2022 19:32

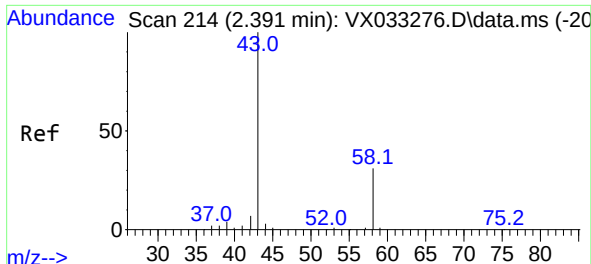
Tgt Ion: 59 Resp: 4559
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

Abundance Scan 304 (2.941 min): VX033292.D\data.ms



Abundance Scan 304 (2.941 min): VX033292.D\data.ms (-26)

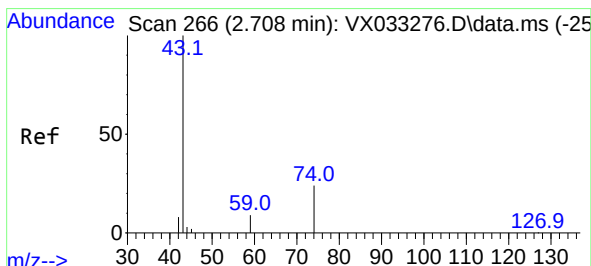
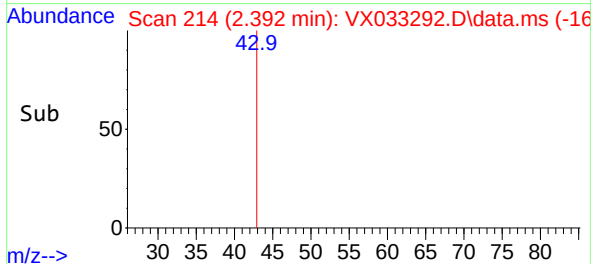
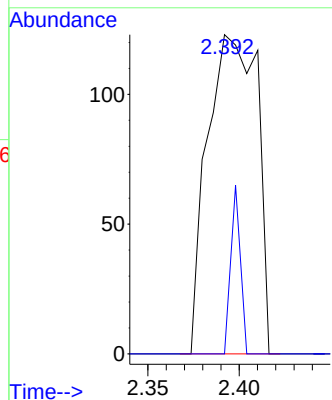
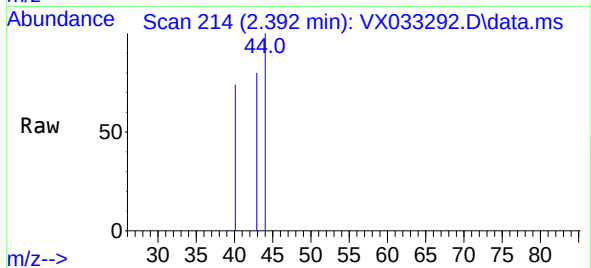




#16
Acetone
Concen: 0.354 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX033292.D
Acq: 07 Dec 2022 19:32

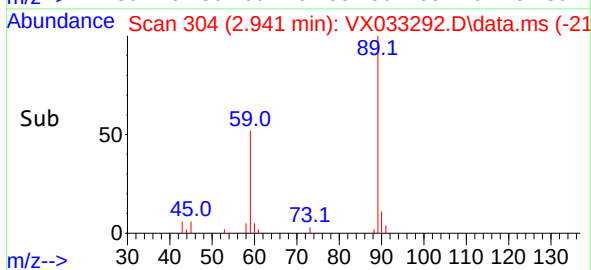
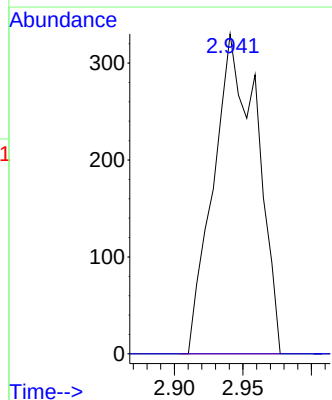
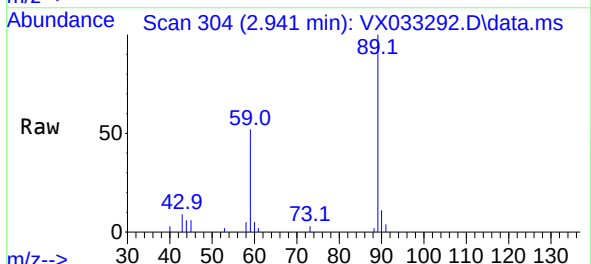
Instrument :
MSVOA_X
ClientSampleId :
LEA-5IDL

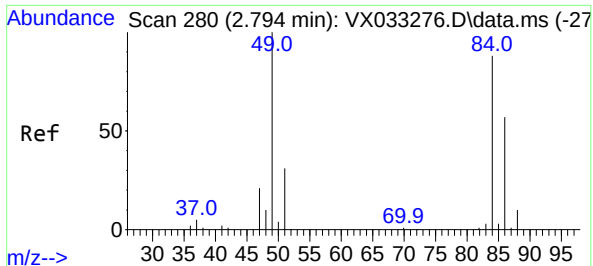
Tgt Ion: 43 Resp: 232
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#18
Methyl Acetate
Concen: 0.386 ug/l
RT: 2.941 min Scan# 304
Delta R.T. 0.232 min
Lab File: VX033292.D
Acq: 07 Dec 2022 19:32

Tgt Ion: 43 Resp: 733
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.0#



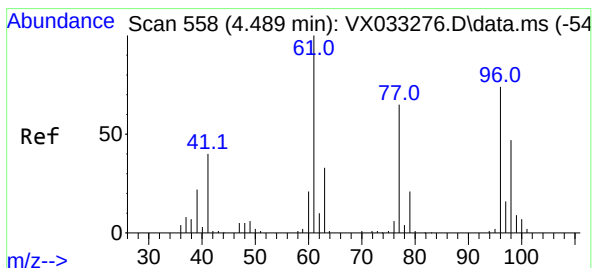
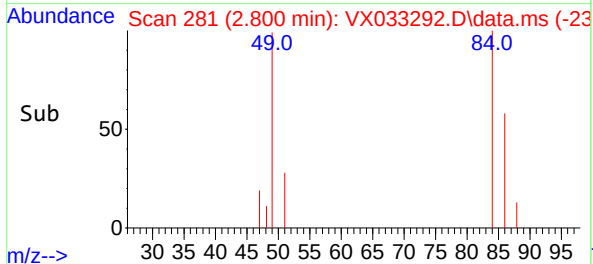
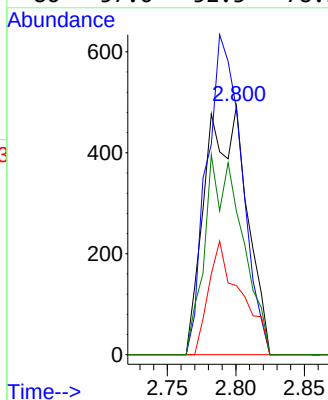
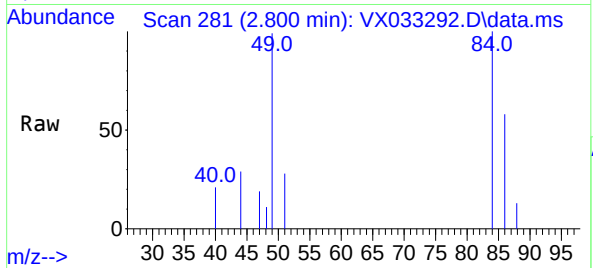


#20
Methylene Chloride
Concen: 0.705 ug/l
RT: 2.800 min Scan# 21
Delta R.T. 0.007 min
Lab File: VX033292.D
Acq: 07 Dec 2022 19:32

Instrument :
MSVOA_X
ClientSampleId :
LEA-5IDL

Tgt Ion: 84 Resp: 1032

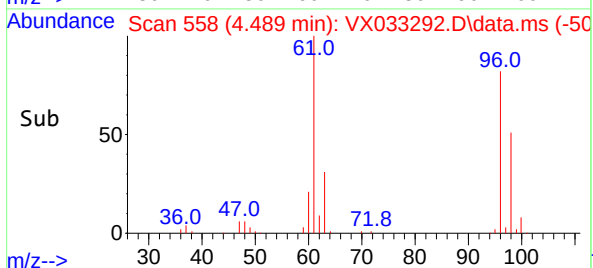
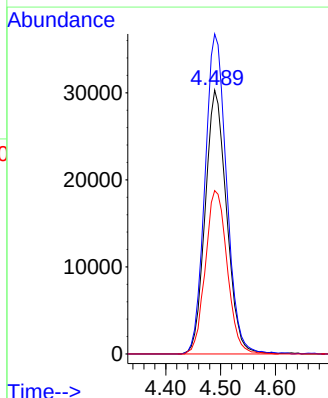
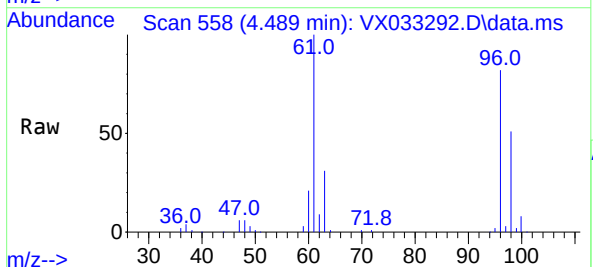
Ion	Ratio	Lower	Upper
84	100		
49	98.8	101.0	151.6#
51	27.8	31.1	46.7#
86	57.6	52.3	78.5

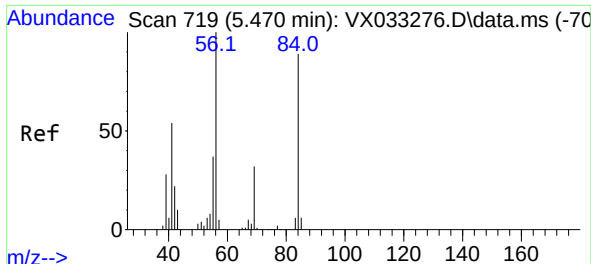


#27
cis-1,2-Dichloroethene
Concen: 50.062 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX033292.D
Acq: 07 Dec 2022 19:32

Tgt Ion: 96 Resp: 82027

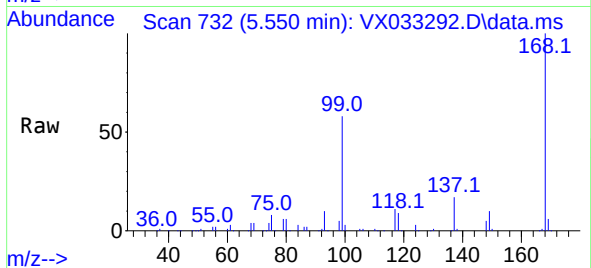
Ion	Ratio	Lower	Upper
96	100		
61	122.2	0.0	286.0
98	63.3	0.0	129.6



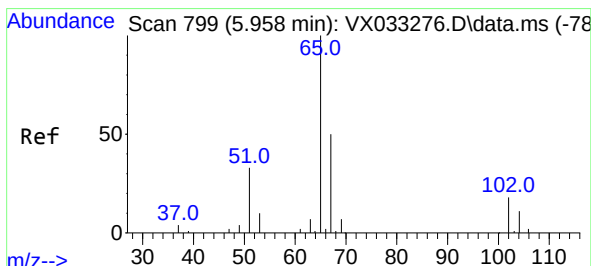
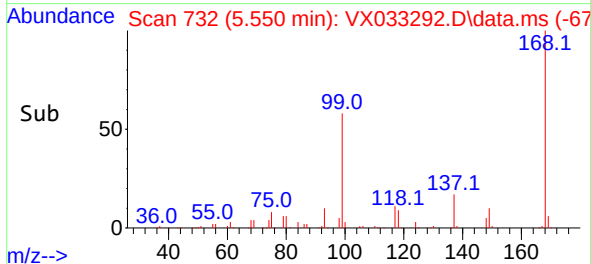
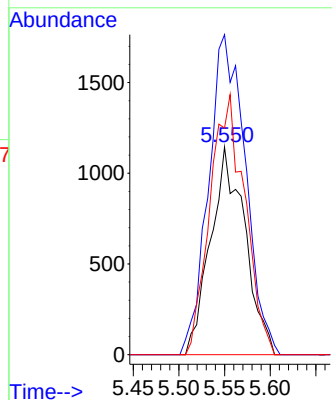


#31
Cyclohexane
Concen: 1.422 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX033292.D
Acq: 07 Dec 2022 19:32

Instrument :
MSVOA_X
ClientSampleId :
LEA-5IDL

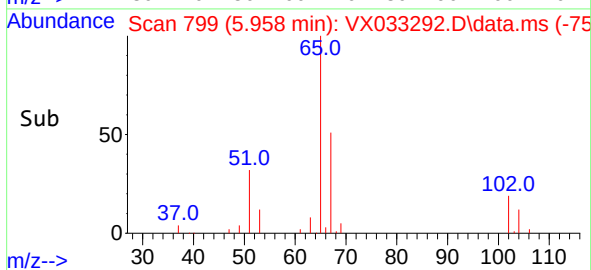
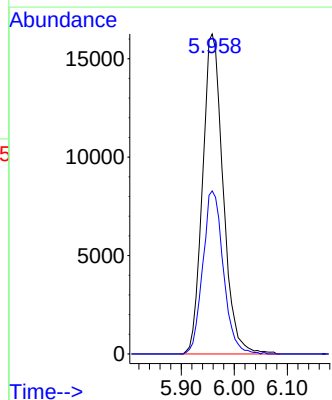
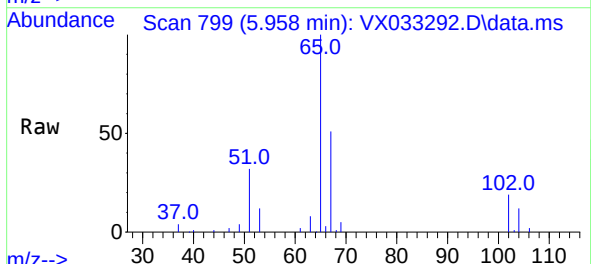


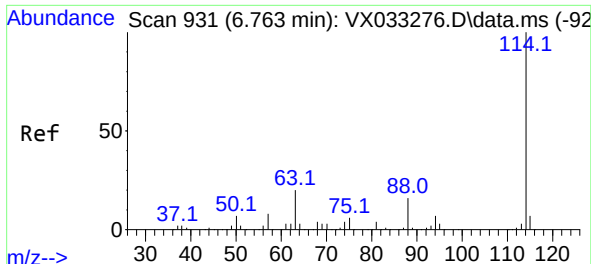
Tgt Ion: 56 Resp: 2997
Ion Ratio Lower Upper
56 100
69 154.1 24.1 36.1#
84 109.1 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 49.216 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033292.D
Acq: 07 Dec 2022 19:32

Tgt Ion: 65 Resp: 43650
Ion Ratio Lower Upper
65 100
67 50.9 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX033292.D

Acq: 07 Dec 2022 19:32

Instrument :

MSVOA_X

ClientSampleId :

LEA-5IDL

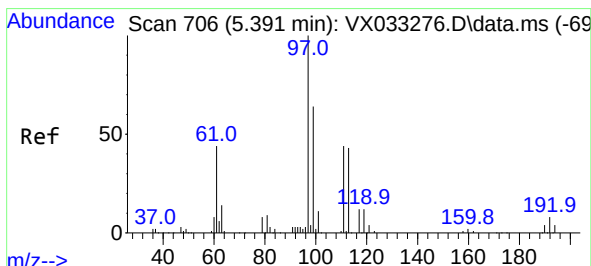
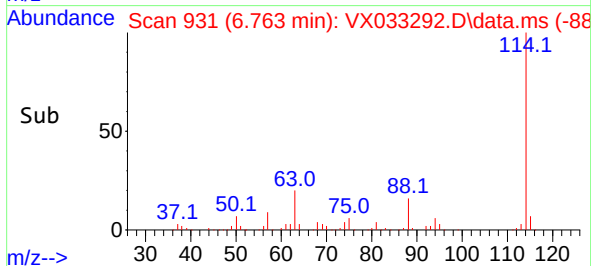
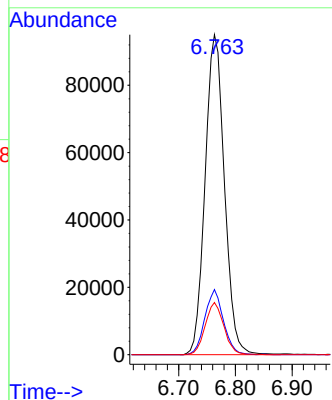
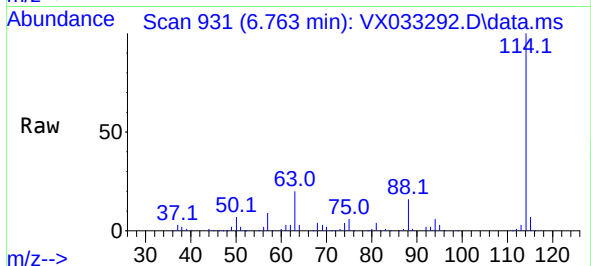
Tgt Ion:114 Resp: 225034

Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.6

88 16.3 0.0 33.4



#35

Dibromofluoromethane

Concen: 46.527 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX033292.D

Acq: 07 Dec 2022 19:32

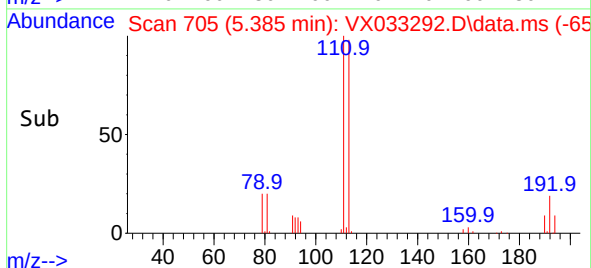
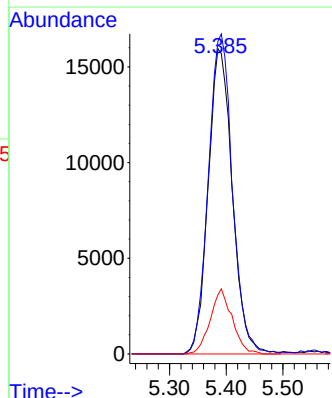
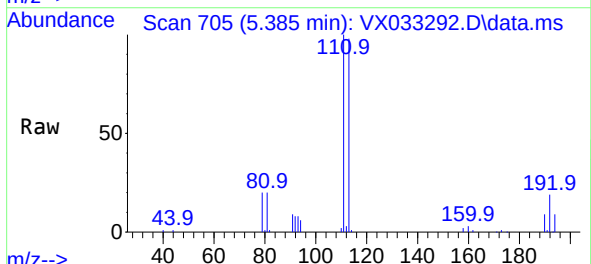
Tgt Ion:113 Resp: 47093

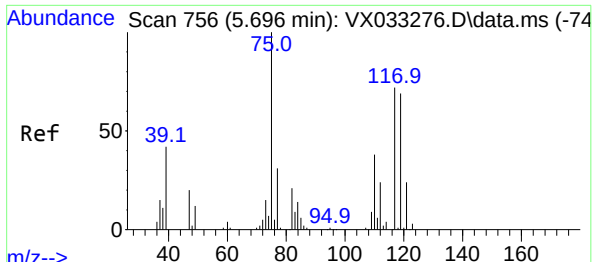
Ion Ratio Lower Upper

113 100

111 104.4 82.4 123.6

192 19.4 15.4 23.2

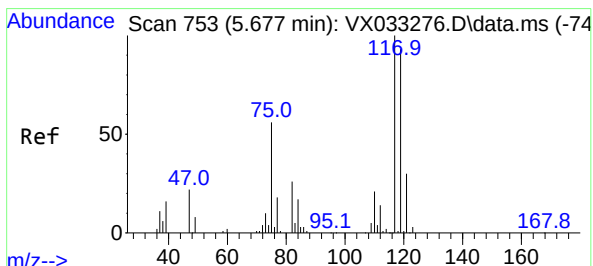
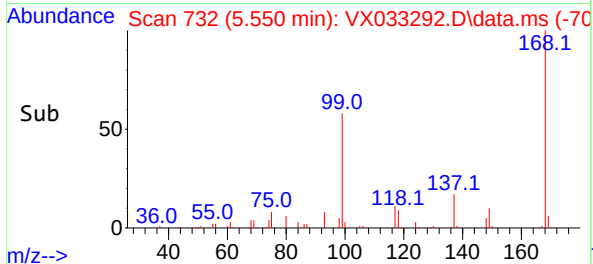
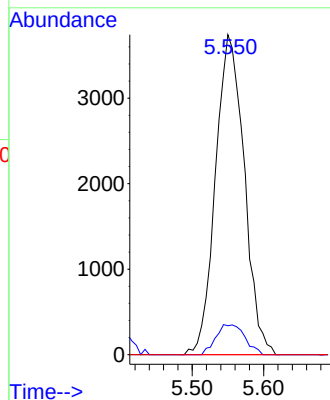
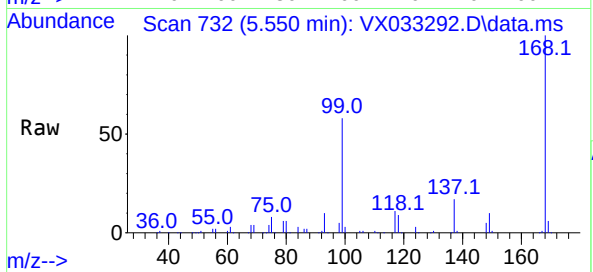




#36
1,1-Dichloropropene
Concen: 5.290 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX033292.D
Acq: 07 Dec 2022 19:32

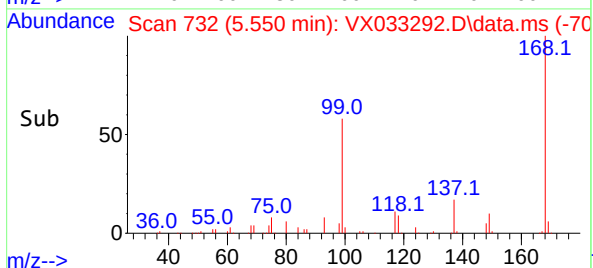
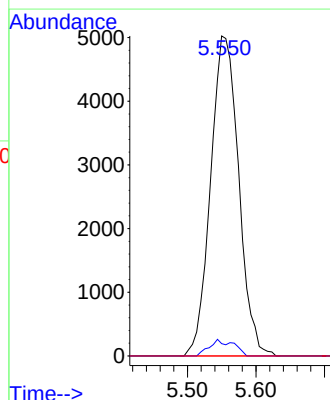
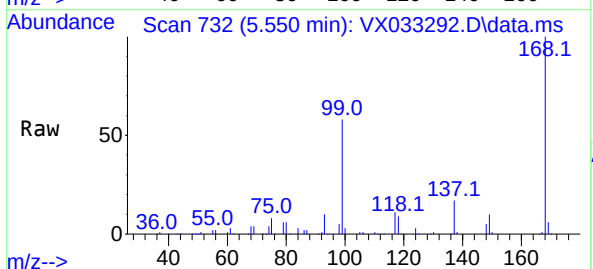
Instrument :
MSVOA_X
ClientSampleId :
LEA-5IDL

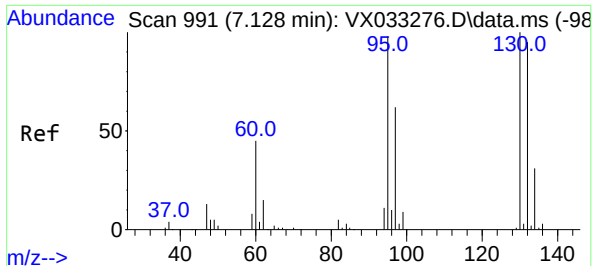
Tgt Ion: 75 Resp: 10439
Ion Ratio Lower Upper
75 100
110 9.5 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 6.465 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX033292.D
Acq: 07 Dec 2022 19:32

Tgt Ion: 117 Resp: 14293
Ion Ratio Lower Upper
117 100
119 3.8 77.2 115.8#
121 0.0 25.8 38.6#

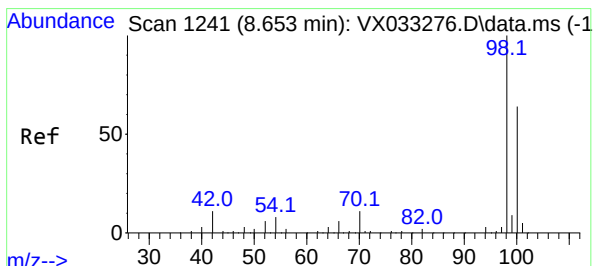
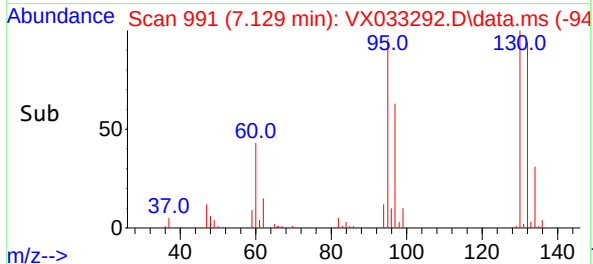
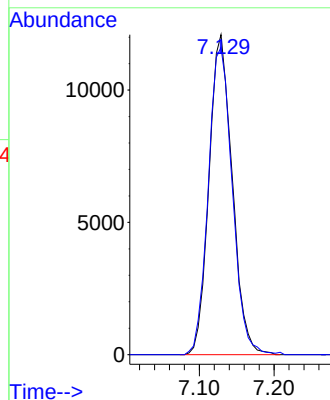
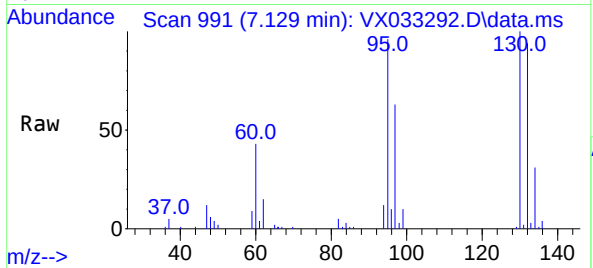




#44
Trichloroethene
Concen: 16.446 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX033292.D
Acq: 07 Dec 2022 19:32

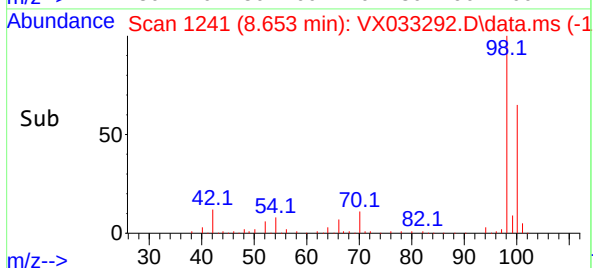
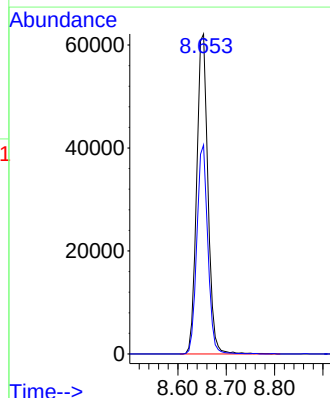
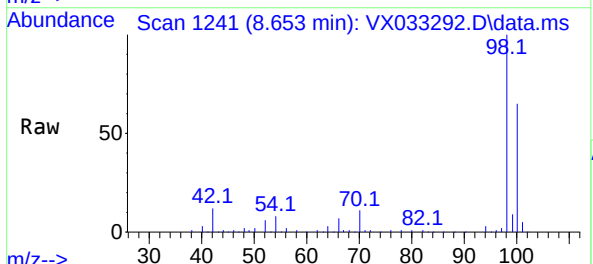
Instrument :
MSVOA_X
ClientSampleId :
LEA-5IDL

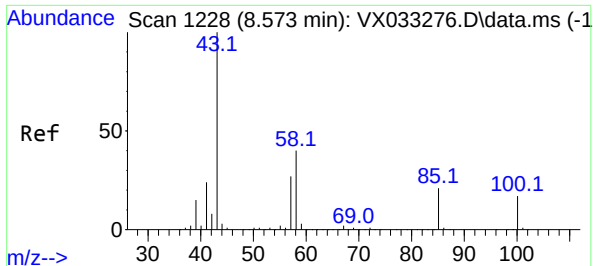
Tgt Ion:130 Resp: 26090
Ion Ratio Lower Upper
130 100
95 96.0 0.0 195.2



#50
Toluene-d8
Concen: 47.249 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX033292.D
Acq: 07 Dec 2022 19:32

Tgt Ion: 98 Resp: 100045
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 0.249 ug/l

RT: 8.647 min Scan# 1

Delta R.T. 0.074 min

Lab File: VX033292.D

Acq: 07 Dec 2022 19:32

Instrument :

MSVOA_X

ClientSampleId :

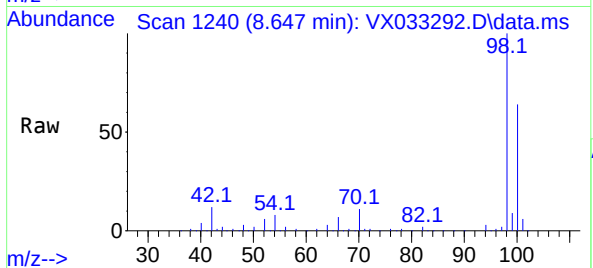
LEA-5IDL

Tgt Ion: 43 Resp: 473

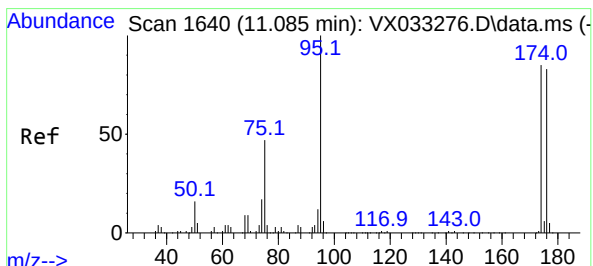
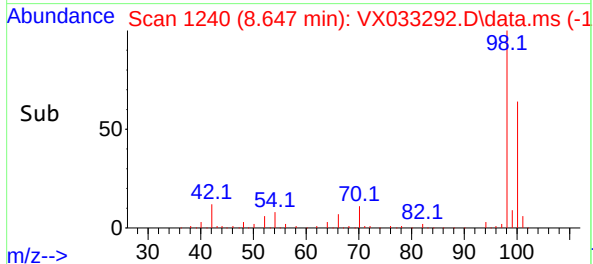
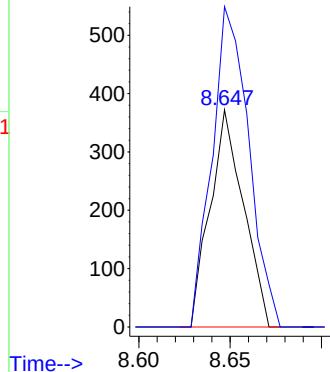
Ion Ratio Lower Upper

43 100

58 162.6 30.9 46.3#



Abundance



#62

4-Bromofluorobenzene

Concen: 45.617 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX033292.D

Acq: 07 Dec 2022 19:32

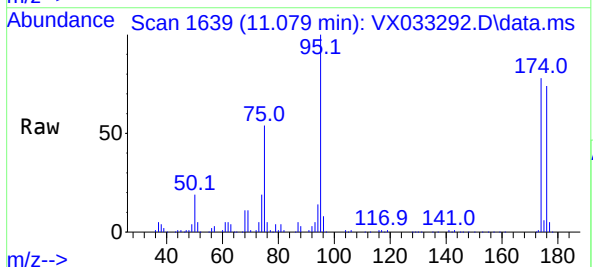
Tgt Ion: 95 Resp: 73853

Ion Ratio Lower Upper

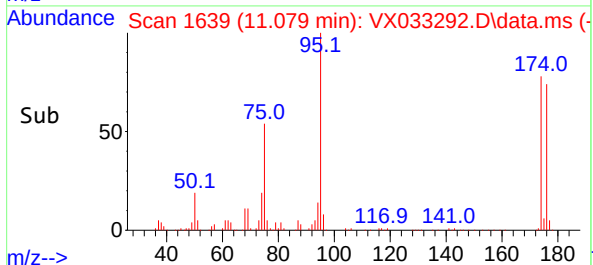
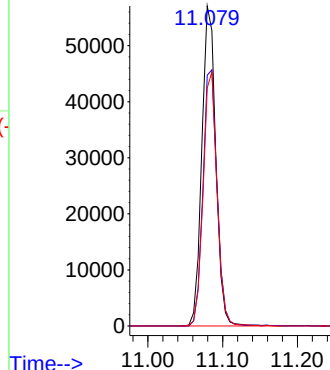
95 100

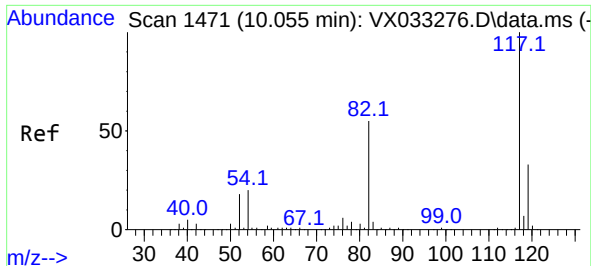
174 81.7 0.0 164.0

176 78.8 0.0 154.4



Abundance

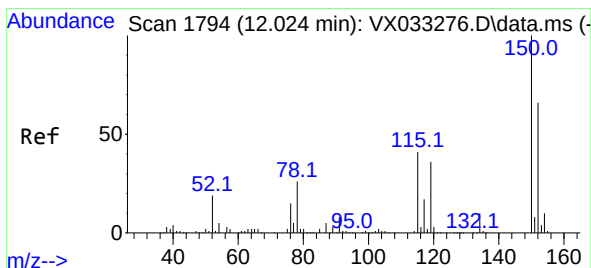
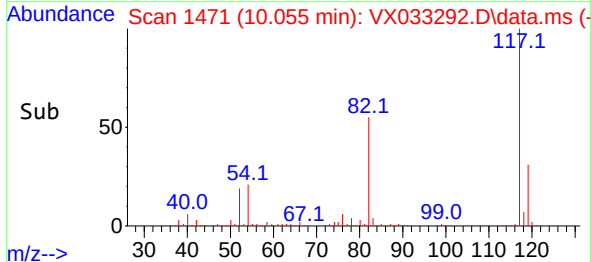
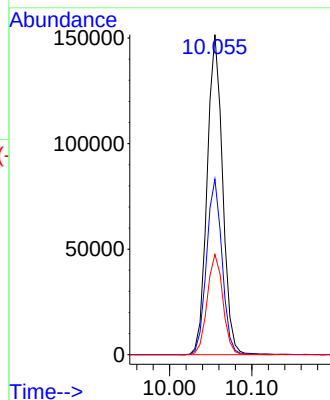
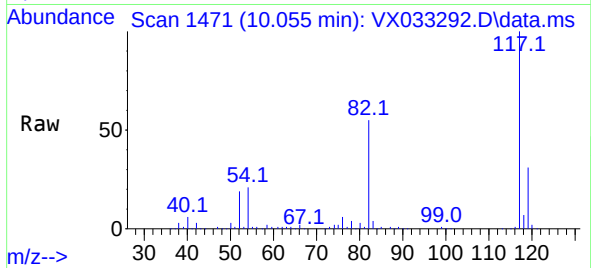




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033292.D
Acq: 07 Dec 2022 19:32

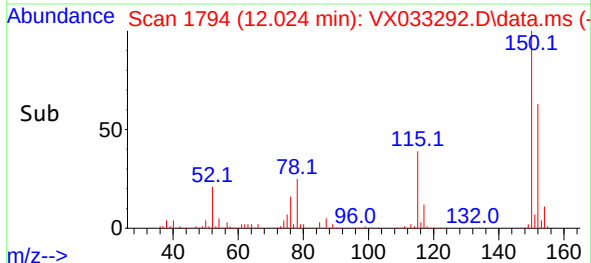
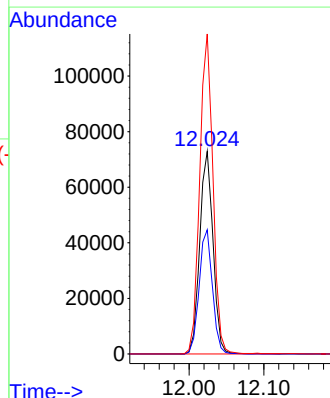
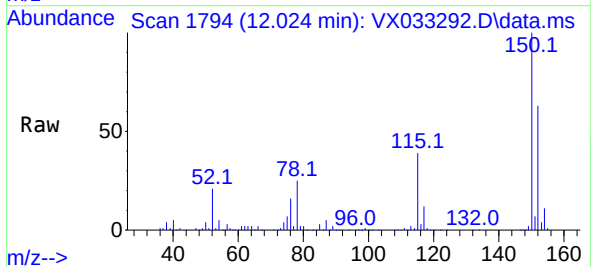
Instrument :
MSVOA_X
ClientSampleId :
LEA-5IDL

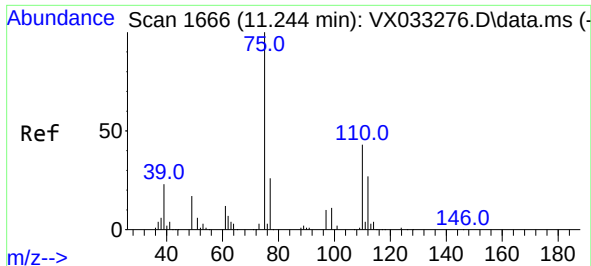
Tgt Ion:117 Resp: 198548
Ion Ratio Lower Upper
117 100
82 54.9 44.3 66.5
119 31.4 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033292.D
Acq: 07 Dec 2022 19:32

Tgt Ion:152 Resp: 89891
Ion Ratio Lower Upper
152 100
115 61.1 44.0 132.0
150 156.8 0.0 351.8

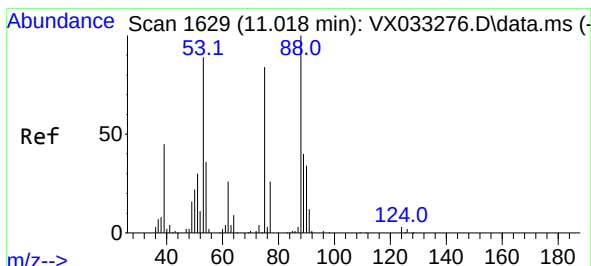
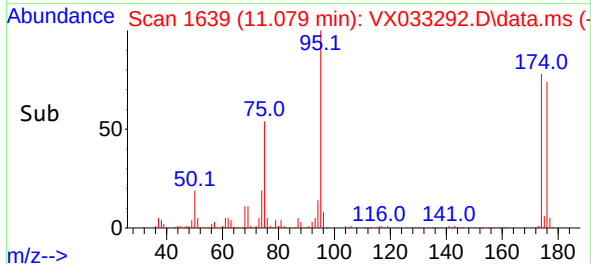
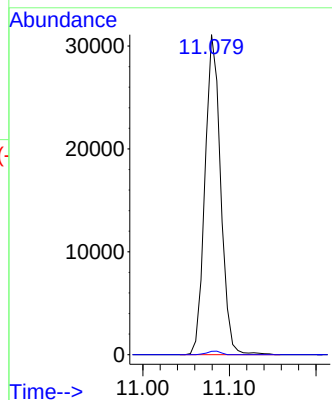
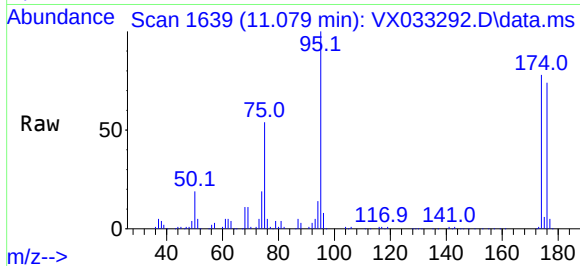




#76
1,2,3-Trichloropropane
Concen: 21.368 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX033292.D
Acq: 07 Dec 2022 19:32

Instrument :
MSVOA_X
ClientSampleId :
LEA-5IDL

Tgt Ion: 75 Resp: 39078
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.468 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033292.D
Acq: 07 Dec 2022 19:32

Tgt Ion: 75 Resp: 39078
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

