

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120722\
 Data File : VX033294.D
 Acq On : 07 Dec 2022 20:18
 Operator : JC/MD
 Sample : N5865-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LEA-7IDL

Quant Time: Dec 08 01:44:09 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)

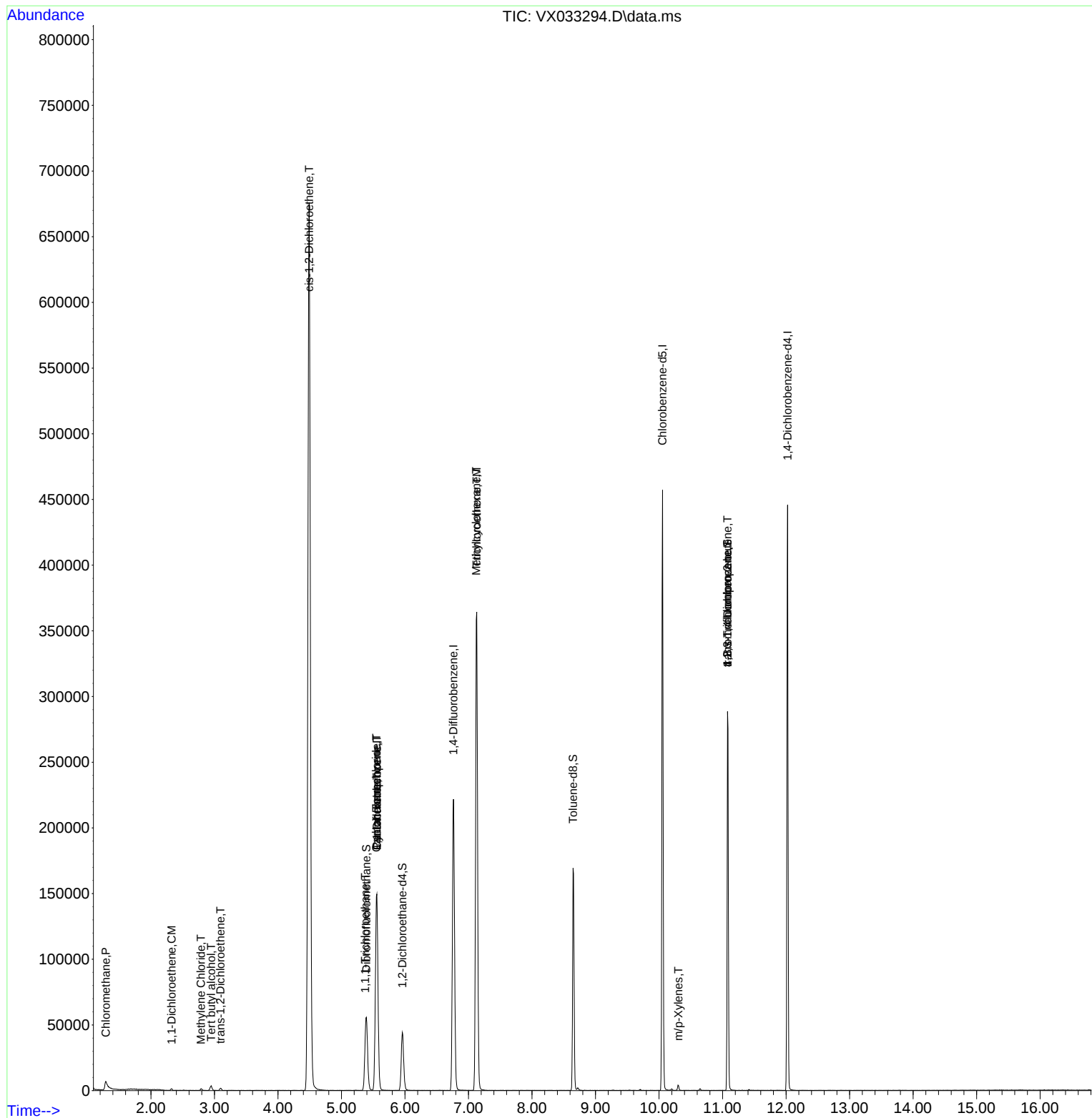
Internal Standards						
1) Pentafluorobenzene	5.556	168	142257	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	228846	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	202713	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90327	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	45913	50.309	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.620%	
35) Dibromofluoromethane	5.391	113	49387	47.981	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.960%	
50) Toluene-d8	8.647	98	103766	48.190	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 96.380%	
62) 4-Bromofluorobenzene	11.079	95	76310	46.349	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.700%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	270	0.235	ug/l #	43
11) Tert butyl alcohol	2.947	59	2038	7.304	ug/l #	72
12) 1,1-Dichloroethene	2.325	96	518	0.402	ug/l	87
20) Methylene Chloride	2.788	84	644	0.428	ug/l	84
21) trans-1,2-Dichloroethene	3.093	96	845	0.599	ug/l	90
27) cis-1,2-Dichloroethene	4.489	96	430050	255.066	ug/l	89
31) Cyclohexane	5.556	56	2733	1.260	ug/l #	1
32) 1,1,1-Trichloroethane	5.373	97	1009	0.407	ug/l #	49
36) 1,1-Dichloropropene	5.556	75	10649	5.306	ug/l #	49
38) Carbon Tetrachloride	5.550	117	14861	6.609	ug/l #	15
39) Methylcyclohexane	7.123	83	1709	0.761	ug/l #	1
44) Trichloroethene	7.129	130	142943	88.607	ug/l	99
68) m/p-Xylenes	10.305	106	1104	0.397	ug/l	100
76) 1,2,3-Trichloropropane	11.079	75	40563	22.073	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	40563	68.661	ug/l #	6

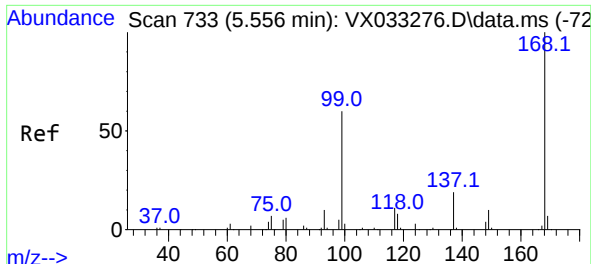
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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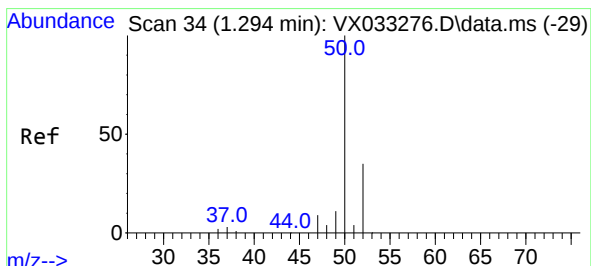
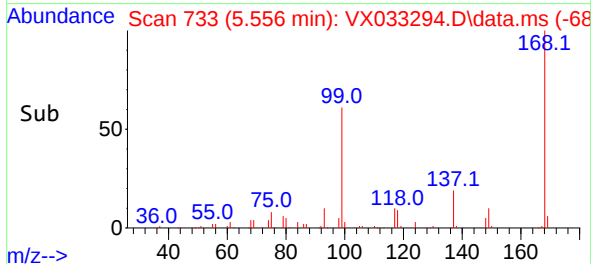
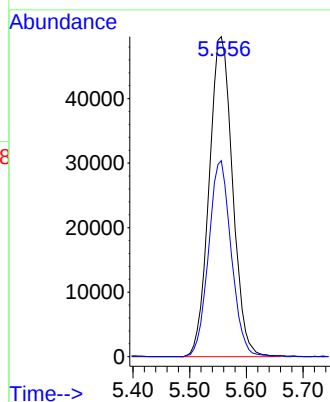
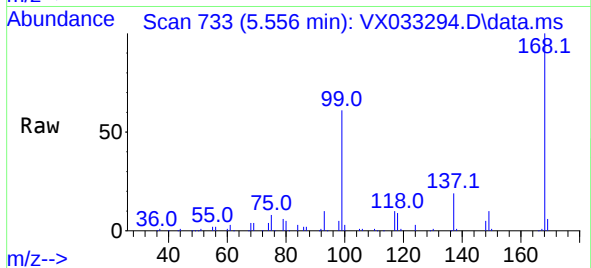




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033294.D
Acq: 07 Dec 2022 20:18

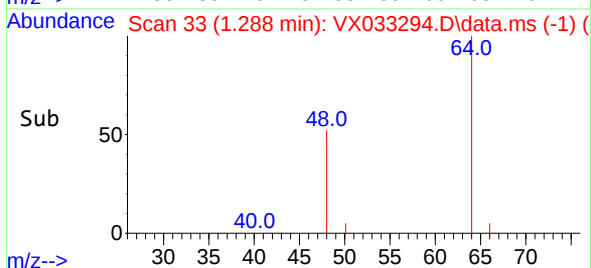
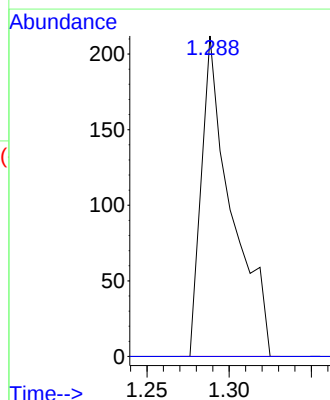
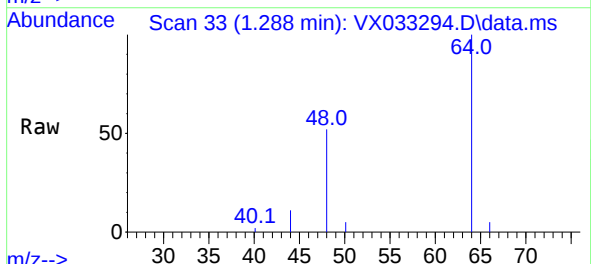
Instrument :
MSVOA_X
ClientSampleId :
LEA-7IDL

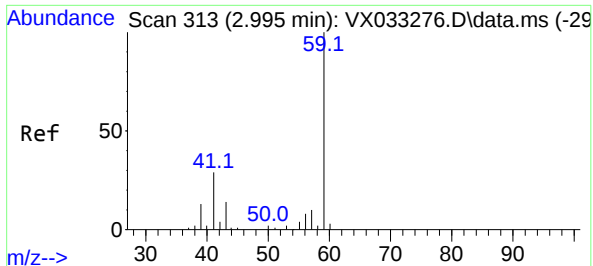
Tgt Ion:168 Resp: 142257
Ion Ratio Lower Upper
168 100
99 61.3 46.1 69.1



#3
Chloromethane
Concen: 0.235 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX033294.D
Acq: 07 Dec 2022 20:18

Tgt Ion: 50 Resp: 270
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2





#11

Tert butyl alcohol

Concen: 7.304 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.048 min

Lab File: VX033294.D

Acq: 07 Dec 2022 20:18

Instrument :

MSVOA_X

ClientSampleId :

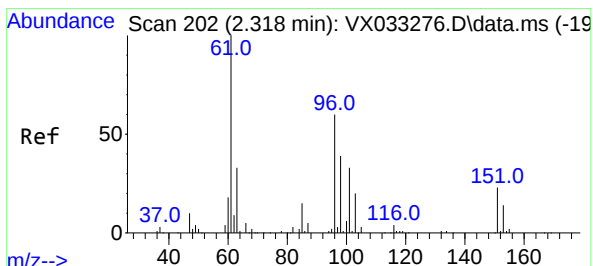
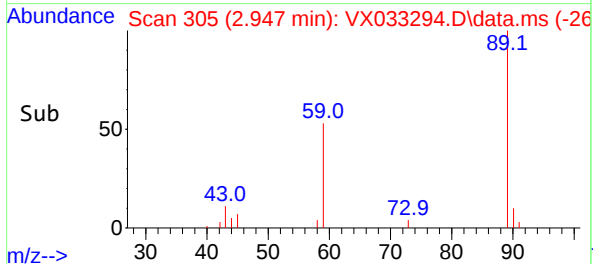
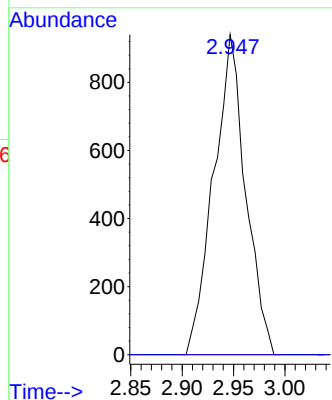
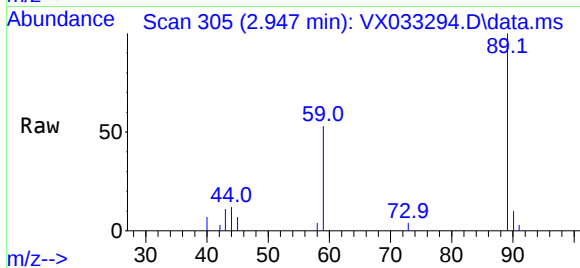
LEA-7IDL

Tgt Ion: 59 Resp: 2038

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#12

1,1-Dichloroethene

Concen: 0.402 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX033294.D

Acq: 07 Dec 2022 20:18

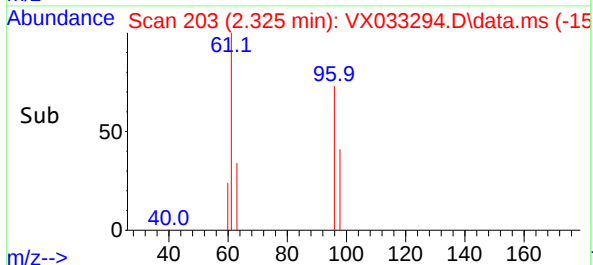
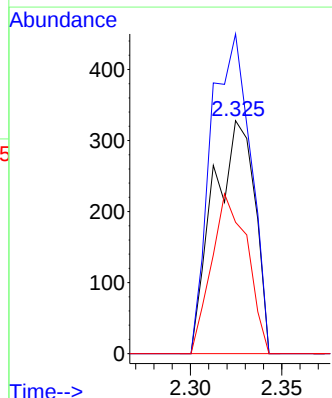
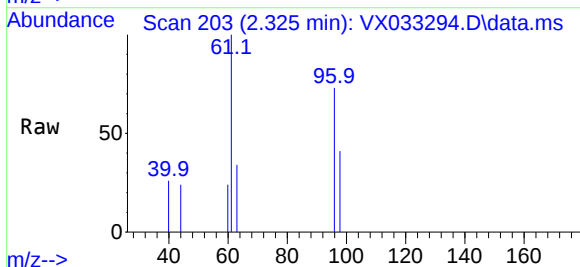
Tgt Ion: 96 Resp: 518

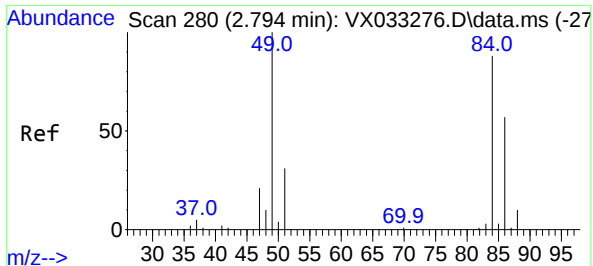
Ion Ratio Lower Upper

96 100

61 137.2 125.1 187.7

98 56.4 50.6 76.0

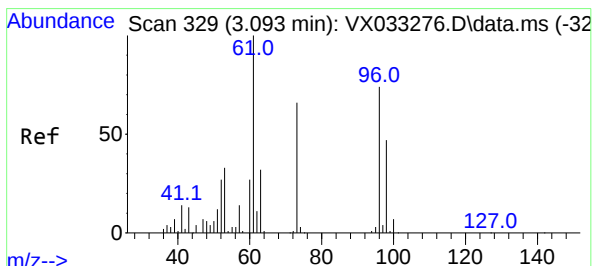
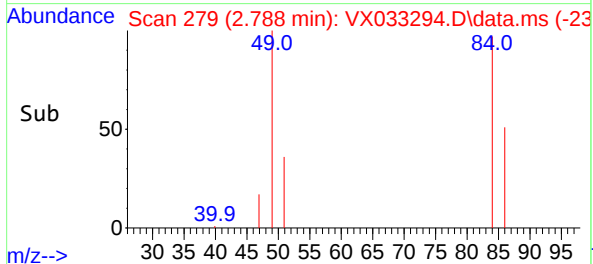
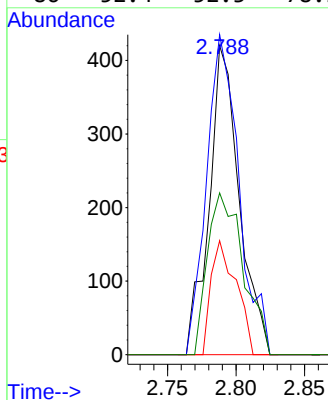
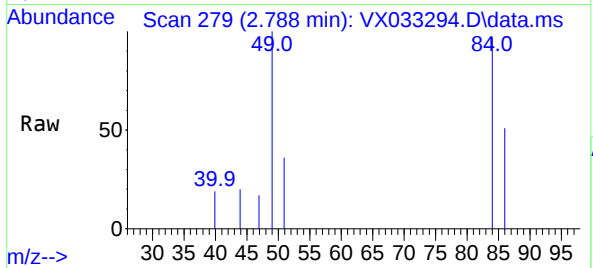




#20
Methylene Chloride
Concen: 0.428 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX033294.D
Acq: 07 Dec 2022 20:18

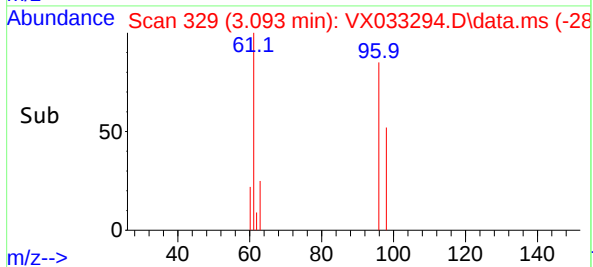
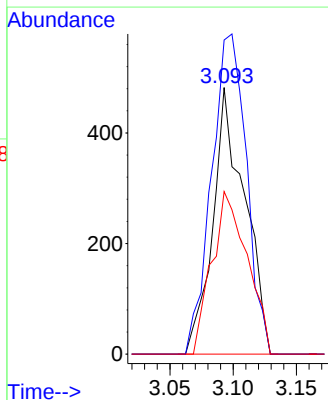
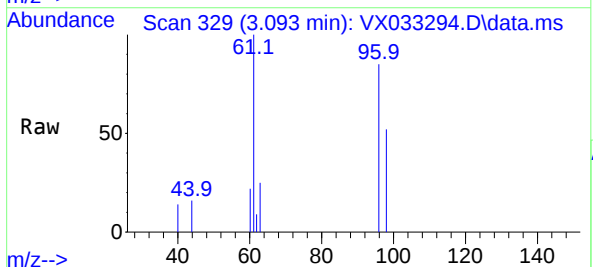
Instrument :
MSVOA_X
ClientSampleId :
LEA-7IDL

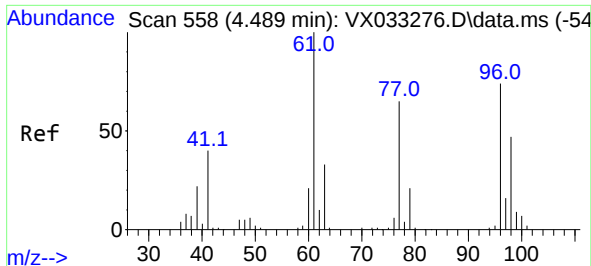
Tgt Ion: 84	Resp:	644	
Ion	Ratio	Lower	Upper
84	100		
49	103.6	101.0	151.6
51	36.9	31.1	46.7
86	52.4	52.3	78.5



#21
trans-1,2-Dichloroethene
Concen: 0.599 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.000 min
Lab File: VX033294.D
Acq: 07 Dec 2022 20:18

Tgt Ion: 96	Resp:	845	
Ion	Ratio	Lower	Upper
96	100		
61	117.8	106.6	160.0
98	61.0	51.0	76.6

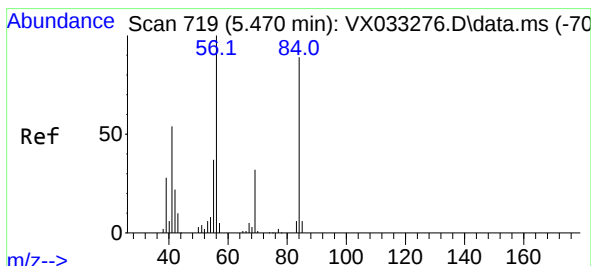
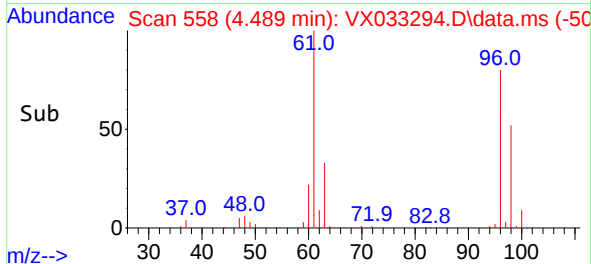
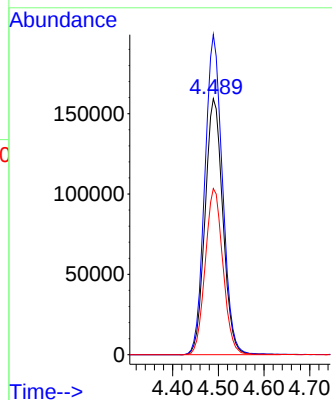
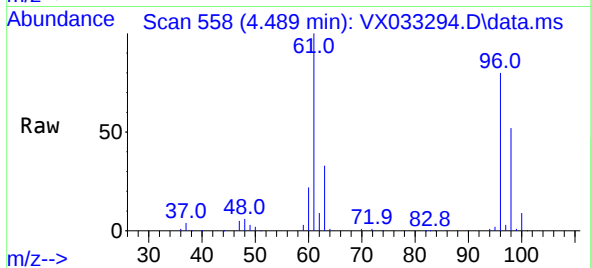




#27
cis-1,2-Dichloroethene
Concen: 255.066 ug/l
RT: 4.489 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX033294.D
Acq: 07 Dec 2022 20:18

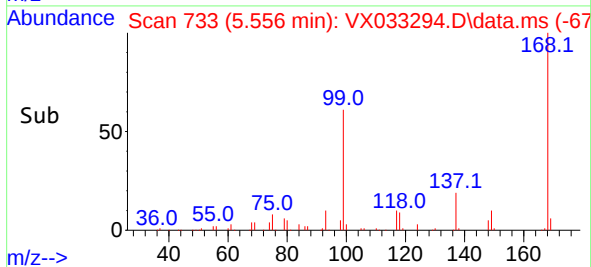
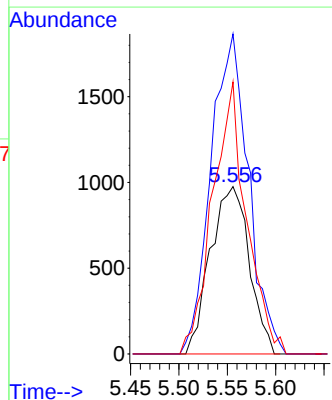
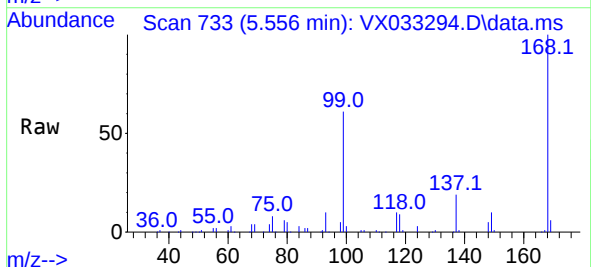
Instrument :
MSVOA_X
ClientSampleId :
LEA-7IDL

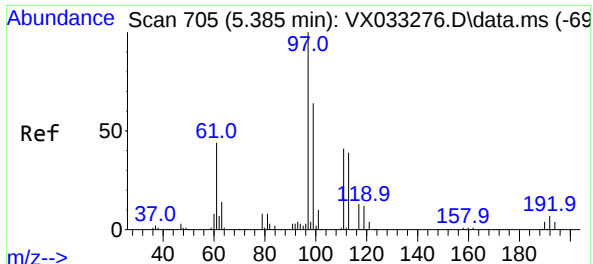
Tgt Ion: 96 Resp: 430050
Ion Ratio Lower Upper
96 100
61 123.9 0.0 286.0
98 64.6 0.0 129.6



#31
Cyclohexane
Concen: 1.260 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.086 min
Lab File: VX033294.D
Acq: 07 Dec 2022 20:18

Tgt Ion: 56 Resp: 2733
Ion Ratio Lower Upper
56 100
69 191.2 24.1 36.1#
84 162.5 66.9 100.3#





#32

1,1,1-Trichloroethane

Concen: 0.407 ug/l

RT: 5.373 min Scan# 705

Delta R.T. -0.012 min

Lab File: VX033294.D

Acq: 07 Dec 2022 20:18

Instrument :

MSVOA_X

ClientSampleId :

LEA-7IDL

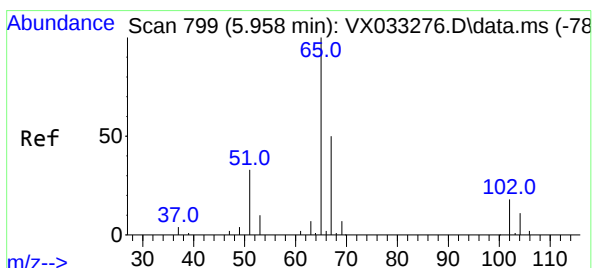
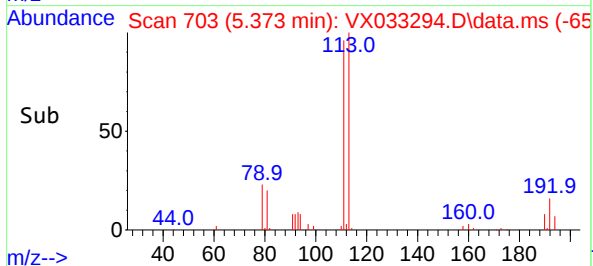
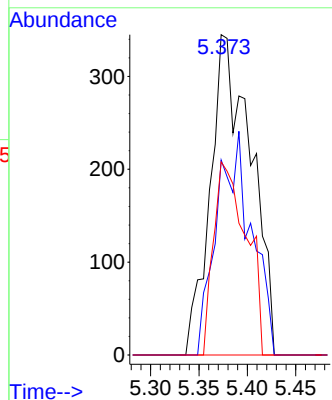
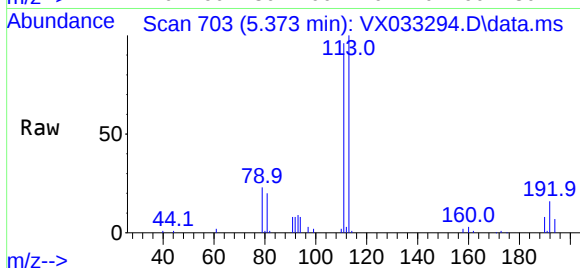
Tgt Ion: 97 Resp: 1009

Ion Ratio Lower Upper

97 100

99 0.0 51.4 77.0#

61 48.4 35.2 52.8



#33

1,2-Dichloroethane-d4

Concen: 50.309 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033294.D

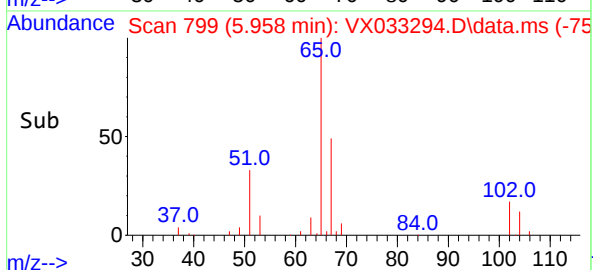
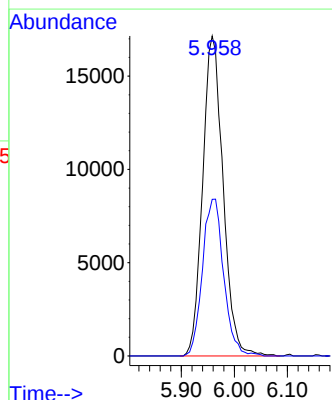
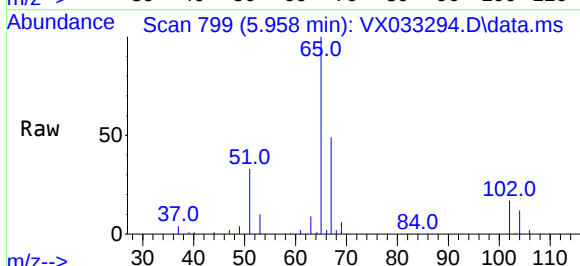
Acq: 07 Dec 2022 20:18

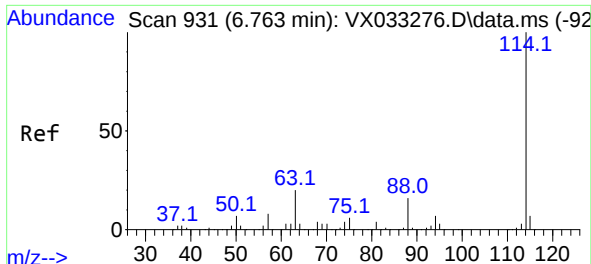
Tgt Ion: 65 Resp: 45913

Ion Ratio Lower Upper

65 100

67 50.9 0.0 101.8

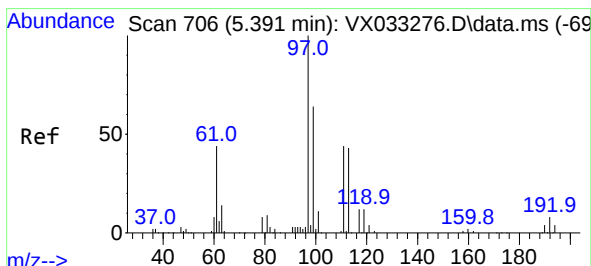
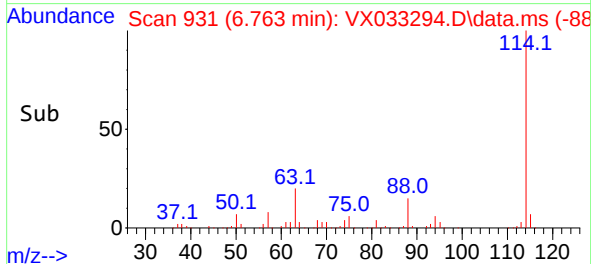
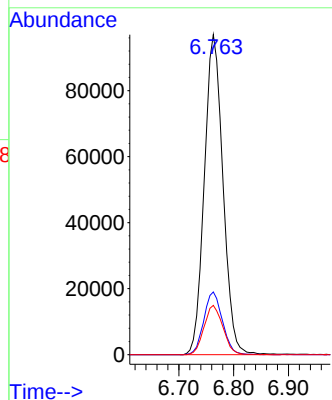
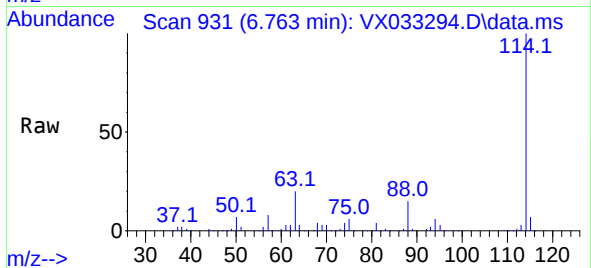




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX033294.D
Acq: 07 Dec 2022 20:18

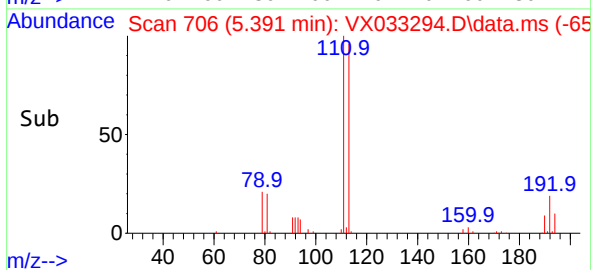
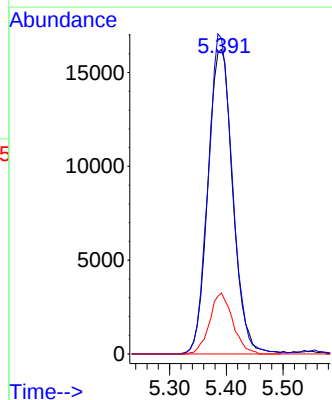
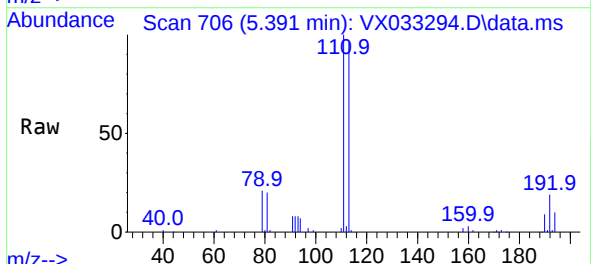
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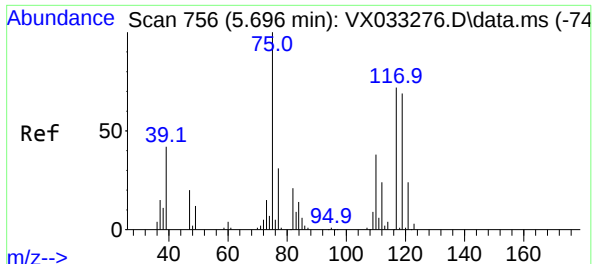
Tgt Ion:114 Resp: 228846
Ion Ratio Lower Upper
114 100
63 19.6 0.0 41.6
88 15.4 0.0 33.4



#35
Dibromofluoromethane
Concen: 47.981 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX033294.D
Acq: 07 Dec 2022 20:18

Tgt Ion:113 Resp: 49387
Ion Ratio Lower Upper
113 100
111 102.5 82.4 123.6
192 18.6 15.4 23.2





#36

1,1-Dichloropropene

Concen: 5.306 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX033294.D

Acq: 07 Dec 2022 20:18

Instrument :

MSVOA_X

ClientSampleId :

LEA-7IDL

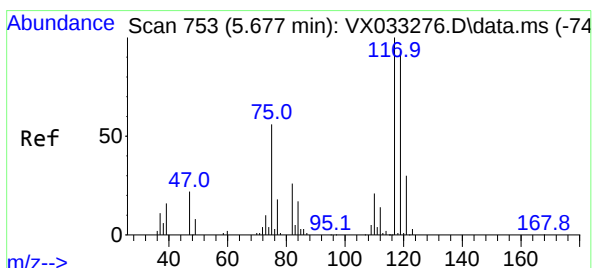
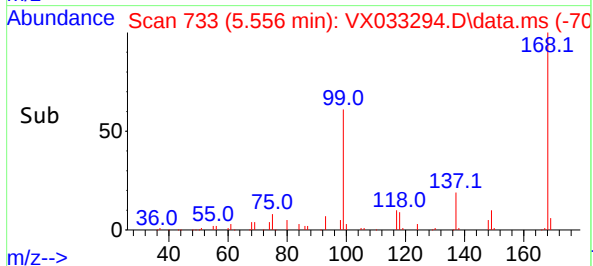
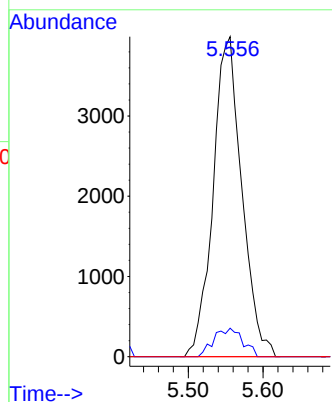
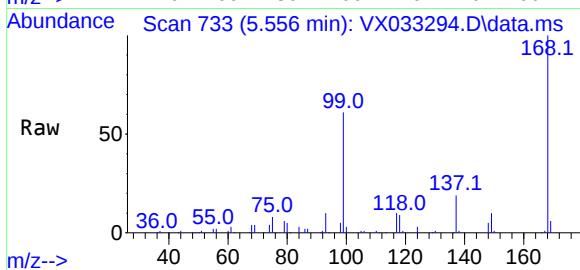
Tgt Ion: 75 Resp: 10649

Ion Ratio Lower Upper

75 100

110 8.9 18.4 55.2#

77 0.0 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 6.609 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.128 min

Lab File: VX033294.D

Acq: 07 Dec 2022 20:18

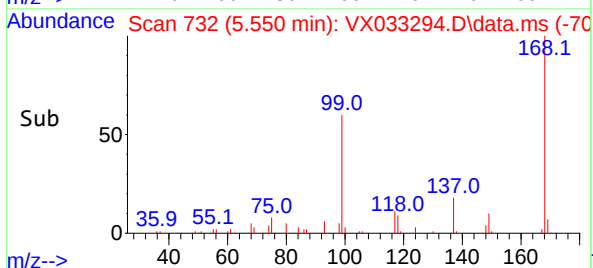
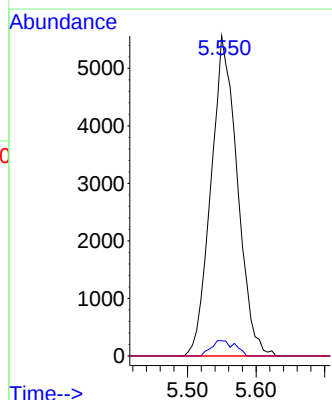
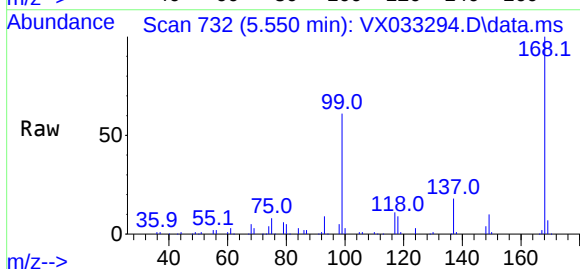
Tgt Ion: 117 Resp: 14861

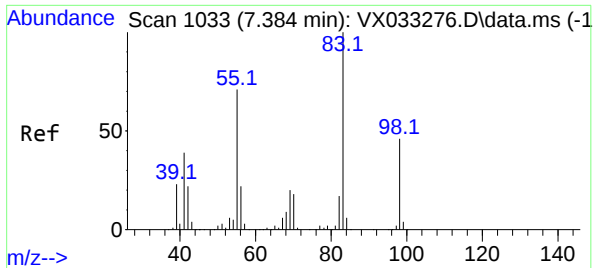
Ion Ratio Lower Upper

117 100

119 4.7 77.2 115.8#

121 0.0 25.8 38.6#

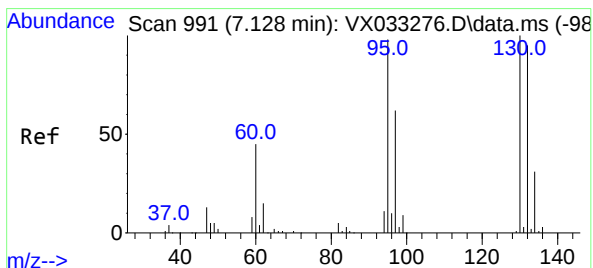
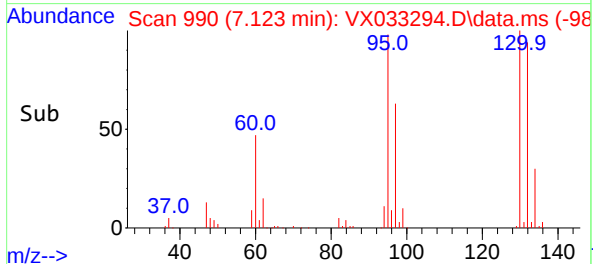
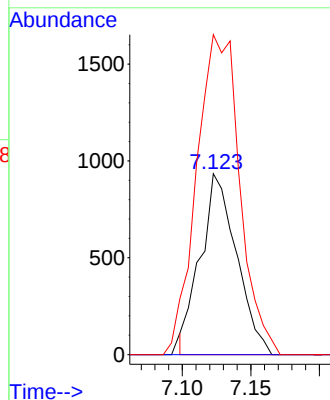
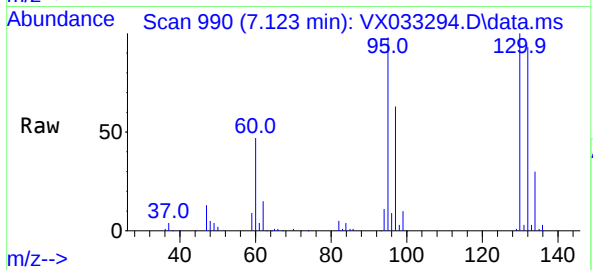




#39
Methylcyclohexane
Concen: 0.761 ug/l
RT: 7.123 min Scan# 991
Delta R.T. -0.262 min
Lab File: VX033294.D
Acq: 07 Dec 2022 20:18

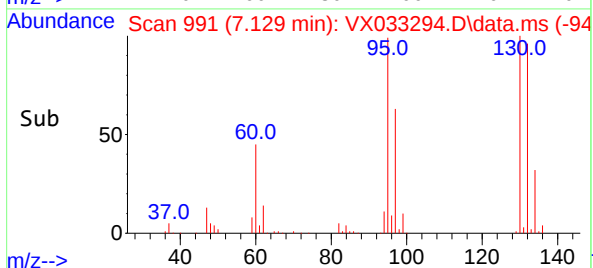
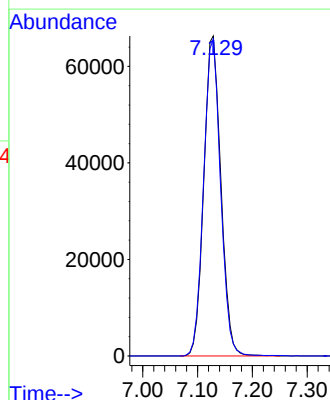
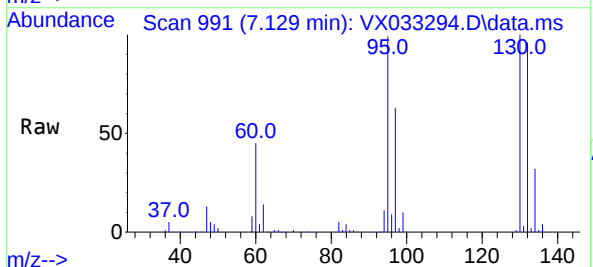
Instrument :
MSVOA_X
ClientSampleId :
LEA-7IDL

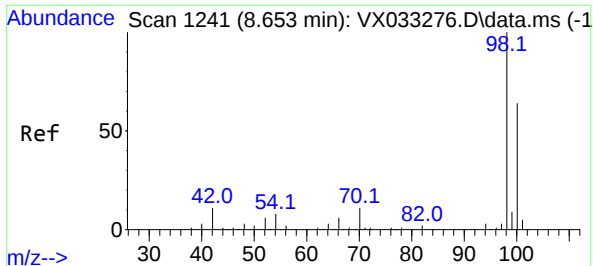
Tgt Ion: 83 Resp: 1709
Ion Ratio Lower Upper
83 100
55 0.0 58.4 87.6#
98 176.9 37.2 55.8#



#44
Trichloroethene
Concen: 88.607 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX033294.D
Acq: 07 Dec 2022 20:18

Tgt Ion:130 Resp: 142943
Ion Ratio Lower Upper
130 100
95 99.0 0.0 195.2

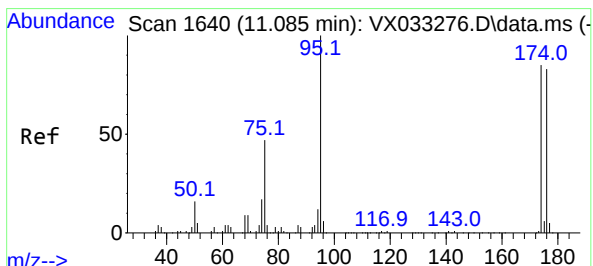
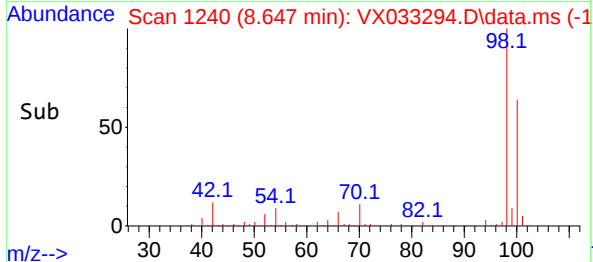
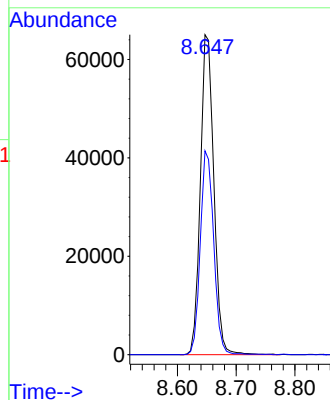
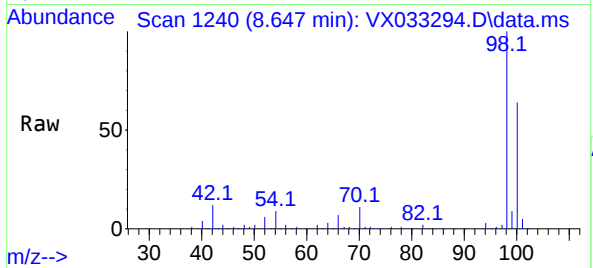




#50
Toluene-d8
Concen: 48.190 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033294.D
Acq: 07 Dec 2022 20:18

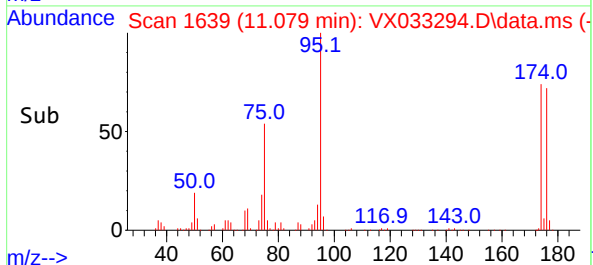
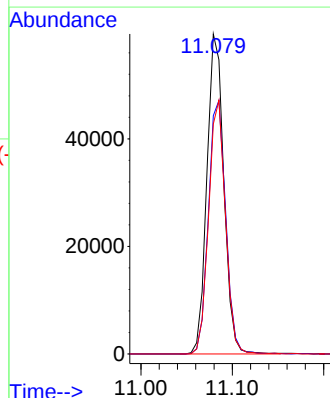
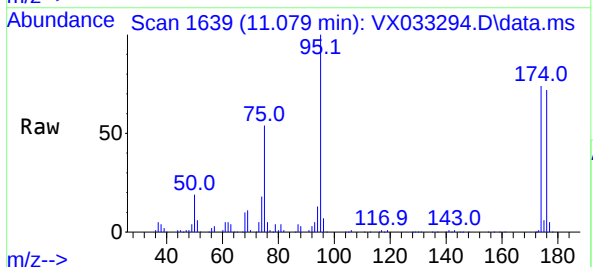
Instrument :
MSVOA_X
ClientSampleId :
LEA-7IDL

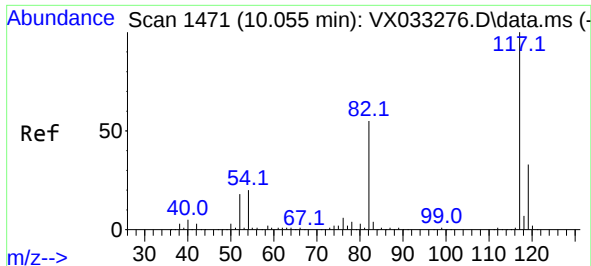
Tgt Ion: 98 Resp: 103766
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 46.349 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033294.D
Acq: 07 Dec 2022 20:18

Tgt Ion: 95 Resp: 76310
Ion Ratio Lower Upper
95 100
174 81.1 0.0 164.0
176 78.9 0.0 154.4

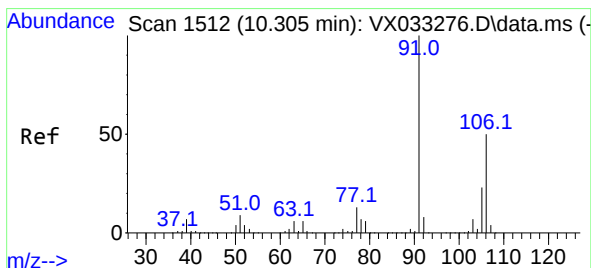
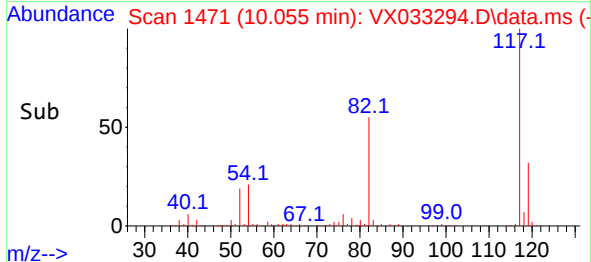
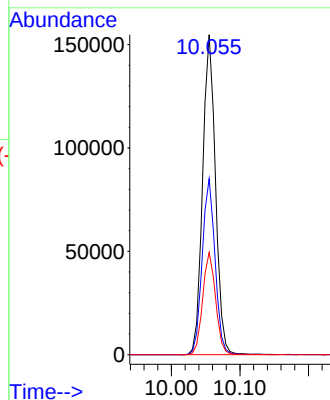
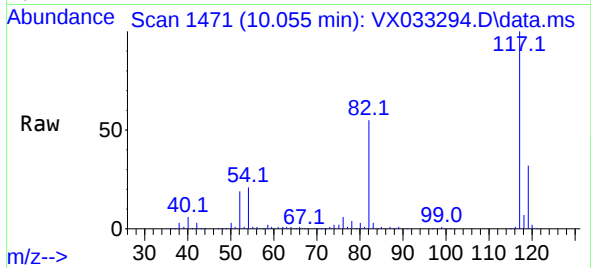




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033294.D
Acq: 07 Dec 2022 20:18

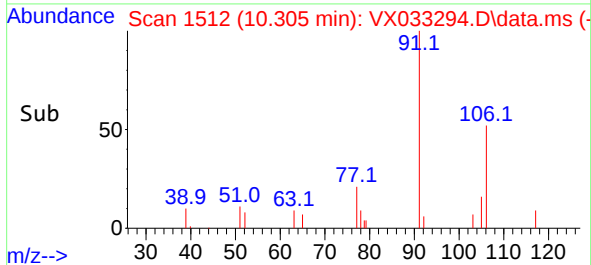
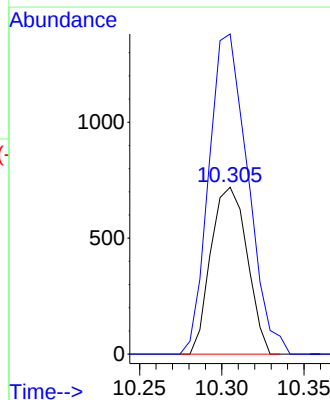
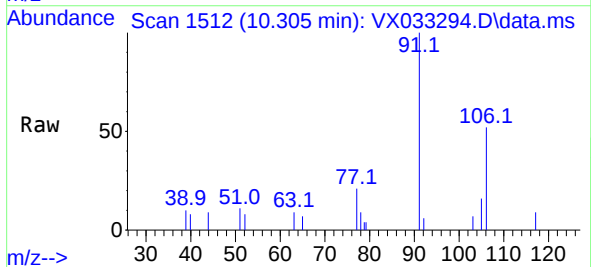
Instrument :
MSVOA_X
ClientSampleId :
LEA-7IDL

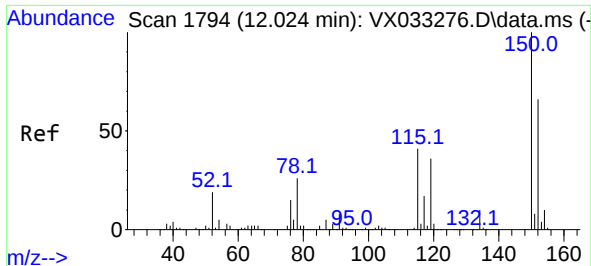
Tgt Ion:117 Resp: 202713
Ion Ratio Lower Upper
117 100
82 55.0 44.3 66.5
119 31.9 25.7 38.5



#68
m/p-Xylenes
Concen: 0.397 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX033294.D
Acq: 07 Dec 2022 20:18

Tgt Ion:106 Resp: 1104
Ion Ratio Lower Upper
106 100
91 205.9 164.5 246.7

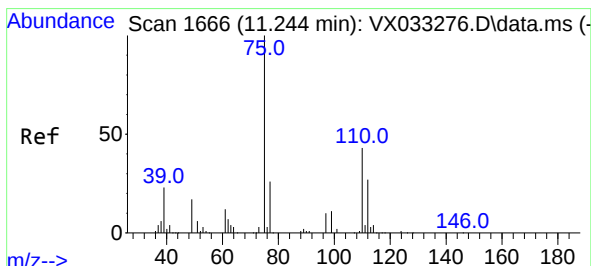
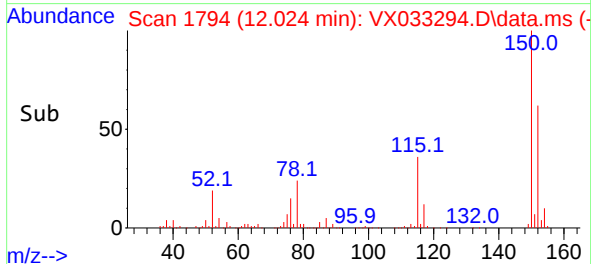
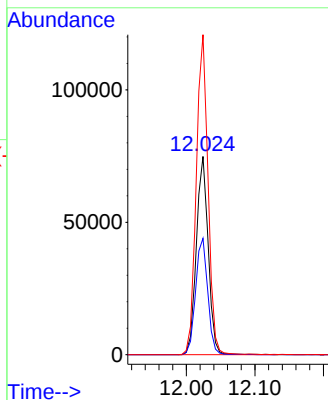
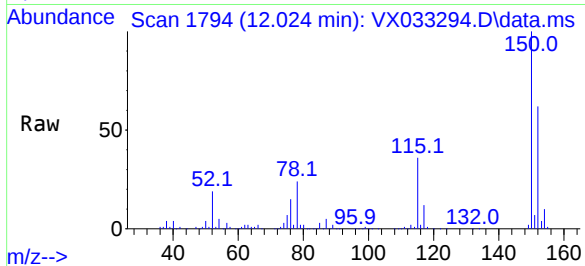




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX033294.D
 Acq: 07 Dec 2022 20:18

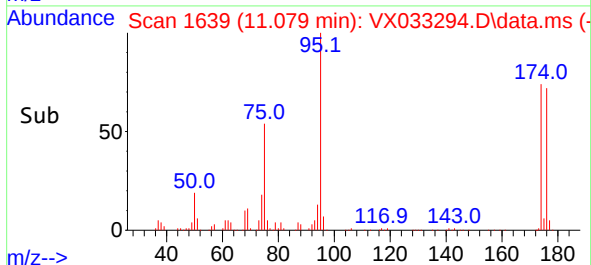
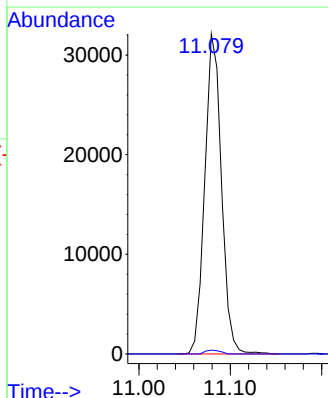
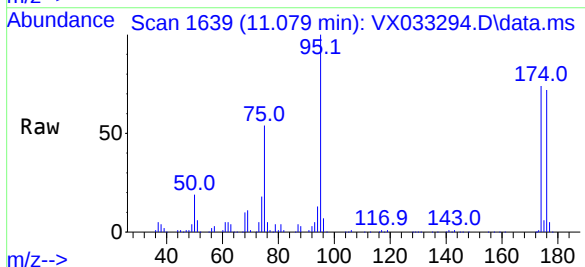
Instrument :
 MSVOA_X
 ClientSampleId :
 LEA-7IDL

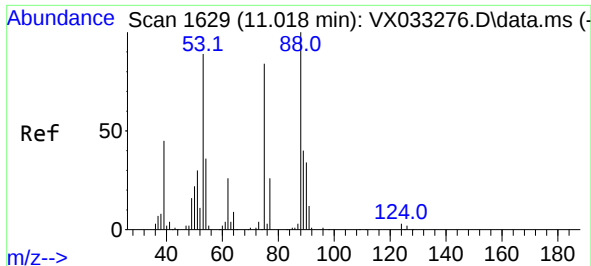
Tgt Ion:152 Resp: 90327
 Ion Ratio Lower Upper
 152 100
 115 60.0 44.0 132.0
 150 159.8 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 22.073 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.164 min
 Lab File: VX033294.D
 Acq: 07 Dec 2022 20:18

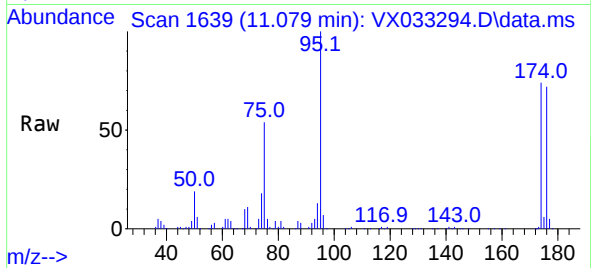
Tgt Ion: 75 Resp: 40563
 Ion Ratio Lower Upper
 75 100
 77 1.1 20.0 60.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 68.661 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX033294.D
Acq: 07 Dec 2022 20:18

Instrument :
MSVOA_X
ClientSampleId :
LEA-7IDL



Tgt Ion: 75 Resp: 40563
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

