

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050223\
 Data File : VX035486.D
 Acq On : 02 May 2023 17:55
 Operator : JC/MD
 Sample : 02533-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LEA-11I

Quant Time: May 03 03:17:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

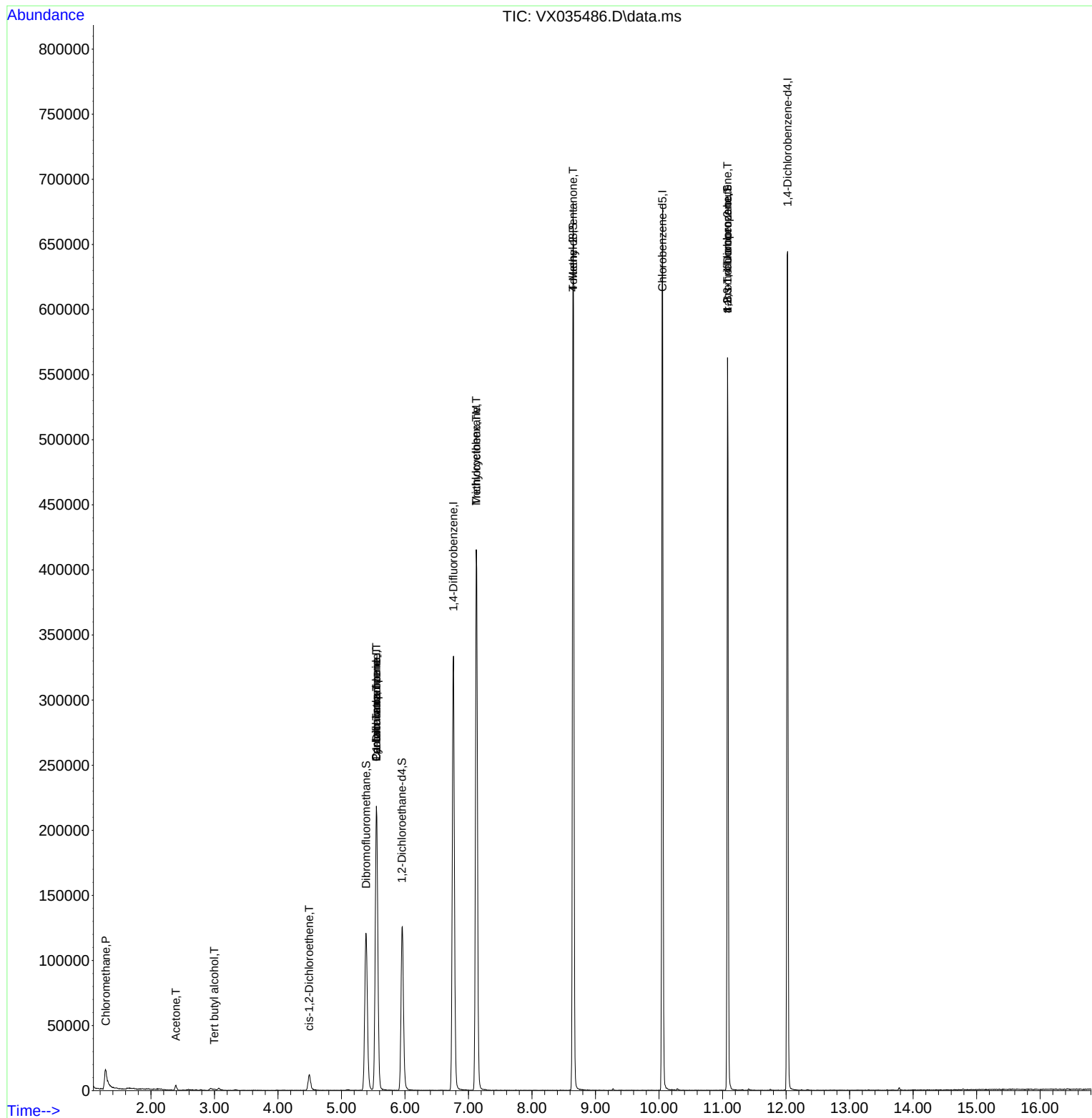
Internal Standards						
1) Pentafluorobenzene	5.550	168	215833	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	349426	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	318317	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	145525	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	128161	49.219	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 98.440%			
35) Dibromofluoromethane	5.385	113	108179	50.441	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.880%			
50) Toluene-d8	8.647	98	408381	50.477	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.960%			
62) 4-Bromofluorobenzene	11.079	95	153212	50.341	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.680%			
Target Compounds						Qvalue
3) Chloromethane	1.288	50	1014	0.488	ug/l #	42
11) Tert butyl alcohol	2.995	59	1587	3.347	ug/l #	73
16) Acetone	2.392	43	4620	4.085	ug/l #	85
27) cis-1,2-Dichloroethene	4.489	96	8267	3.089	ug/l	83
31) Cyclohexane	5.550	56	3845	1.041	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	15273	4.561	ug/l #	51
38) Carbon Tetrachloride	5.550	117	20790	6.540	ug/l #	15
39) Methylcyclohexane	7.123	83	1859	0.456	ug/l #	1
44) Trichloroethene	7.123	130	168083	63.513	ug/l	97
51) 4-Methyl-2-Pentanone	8.647	43	1664	0.527	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	76060	26.201	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	76060	84.862	ug/l #	8

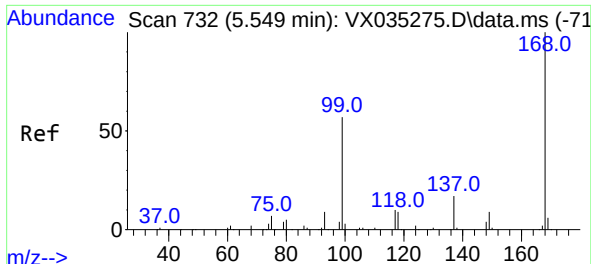
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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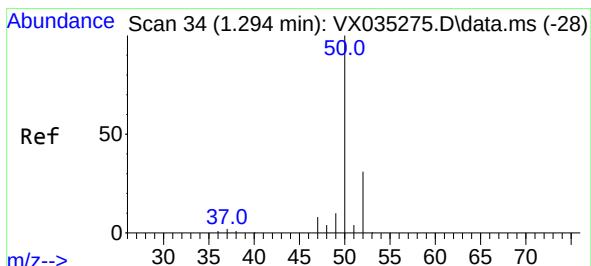
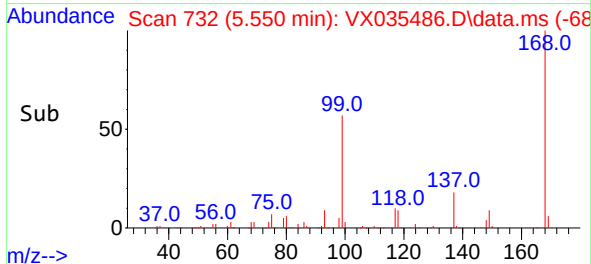
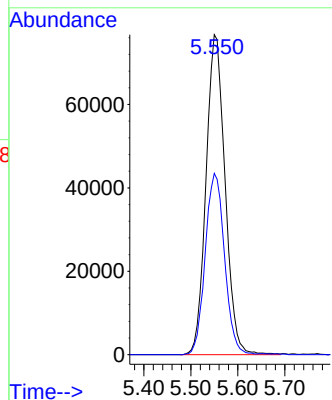
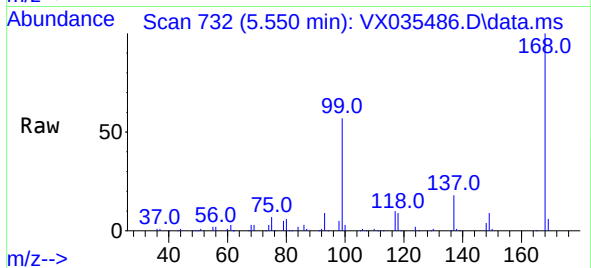




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035486.D
Acq: 02 May 2023 17:55

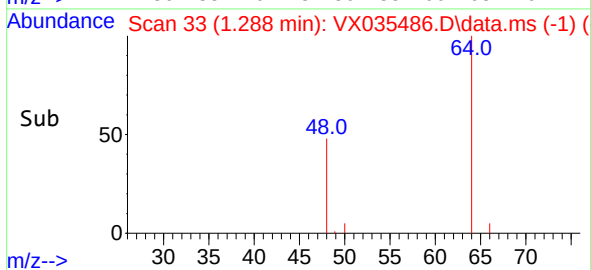
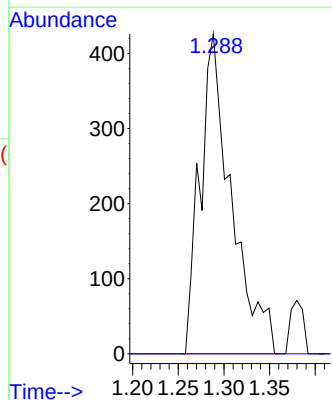
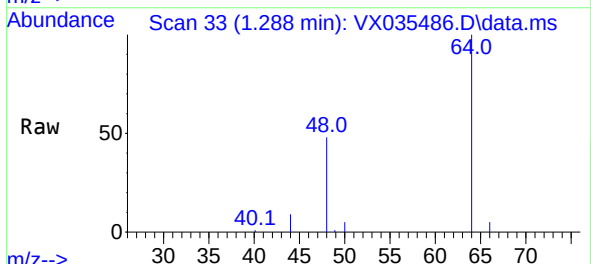
Instrument :
MSVOA_X
ClientSampleId :
LEA-11I

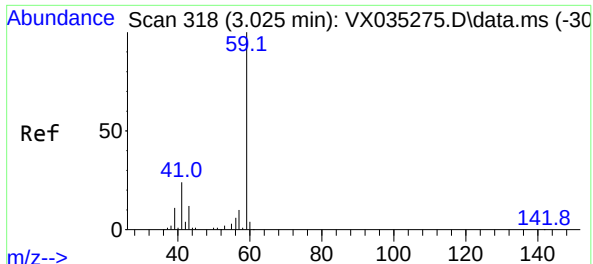
Tgt Ion:168 Resp: 215833
Ion Ratio Lower Upper
168 100
99 56.6 45.7 68.5



#3
Chloromethane
Concen: 0.488 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX035486.D
Acq: 02 May 2023 17:55

Tgt Ion: 50 Resp: 1014
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#





#11

Tert butyl alcohol

Concen: 3.347 ug/l

RT: 2.995 min Scan# 31

Delta R.T. -0.030 min

Lab File: VX035486.D

Acq: 02 May 2023 17:55

Instrument :

MSVOA_X

ClientSampleId :

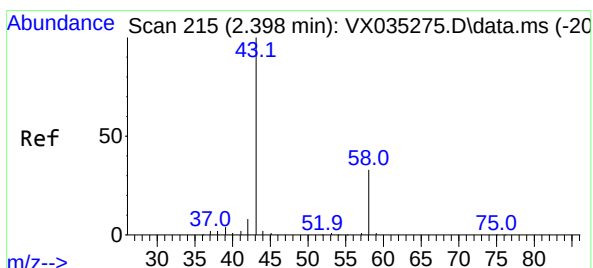
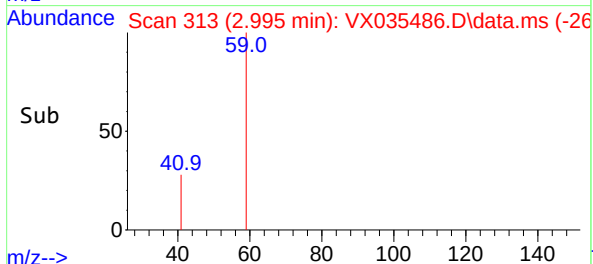
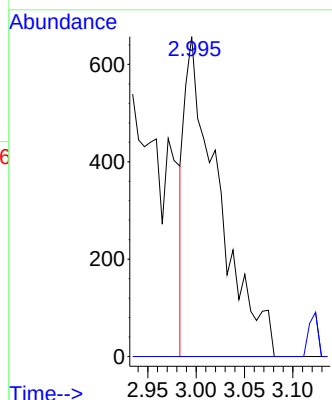
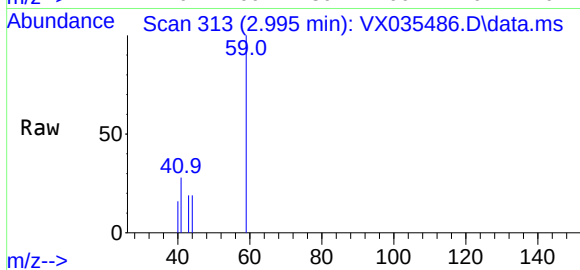
LEA-11I

Tgt Ion: 59 Resp: 1587

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



#16

Acetone

Concen: 4.085 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX035486.D

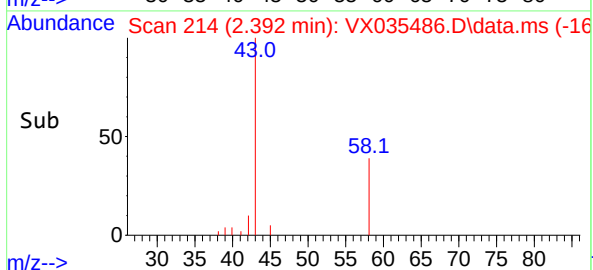
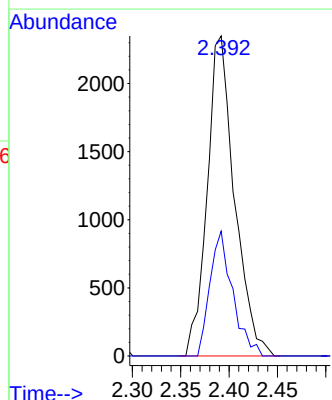
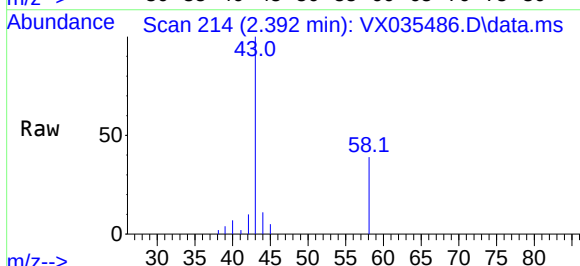
Acq: 02 May 2023 17:55

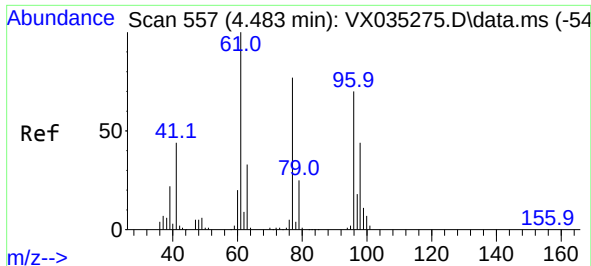
Tgt Ion: 43 Resp: 4620

Ion Ratio Lower Upper

43 100

58 39.0 24.7 37.1#





#27

cis-1,2-Dichloroethene

Concen: 3.089 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX035486.D

Acq: 02 May 2023 17:55

Instrument :

MSVOA_X

ClientSampleId :

LEA-11I

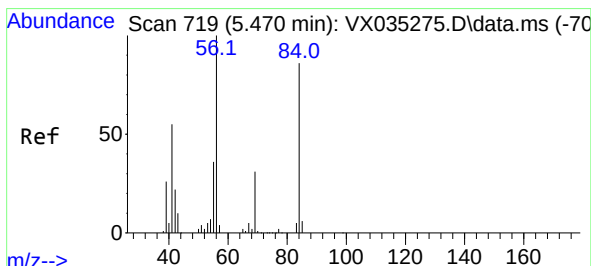
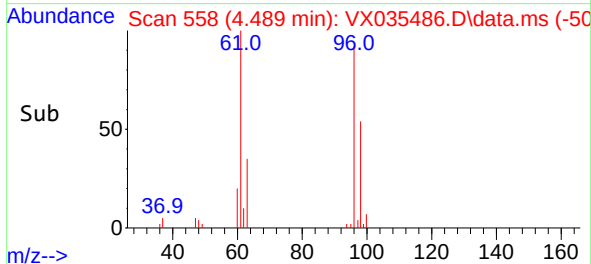
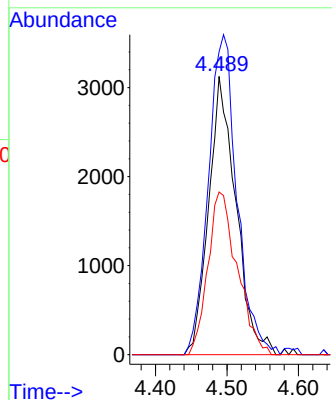
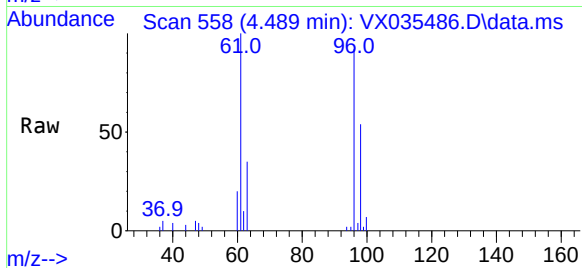
Tgt Ion: 96 Resp: 8267

Ion Ratio Lower Upper

96 100

61 120.6 0.0 300.4

98 63.2 0.0 129.0



#31

Cyclohexane

Concen: 1.041 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.080 min

Lab File: VX035486.D

Acq: 02 May 2023 17:55

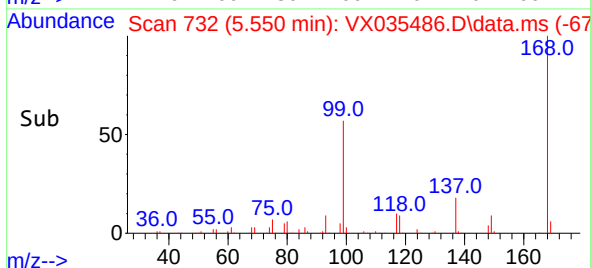
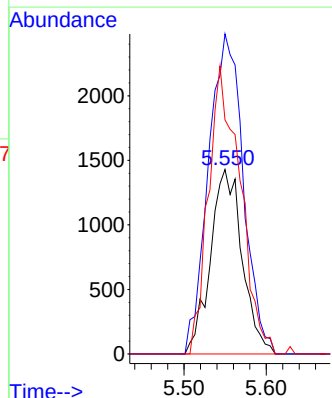
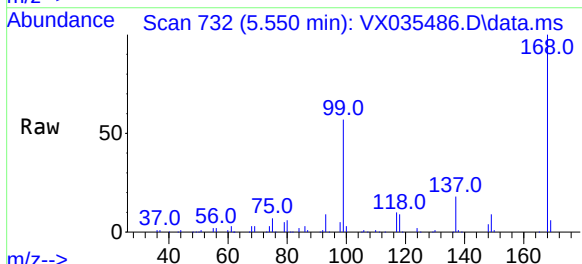
Tgt Ion: 56 Resp: 3845

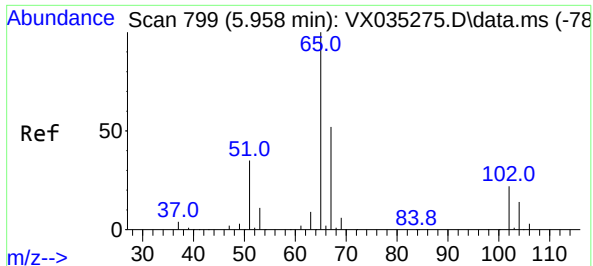
Ion Ratio Lower Upper

56 100

69 173.5 23.7 35.5#

84 126.9 68.5 102.7#





#33

1,2-Dichloroethane-d4

Concen: 49.219 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX035486.D

Acq: 02 May 2023 17:55

Instrument :

MSVOA_X

ClientSampleId :

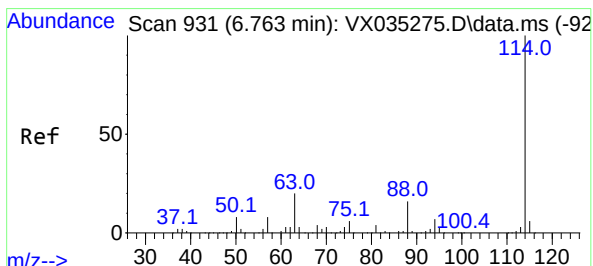
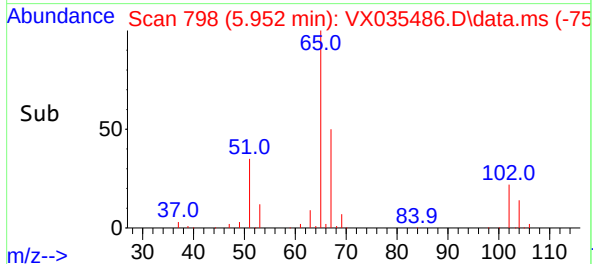
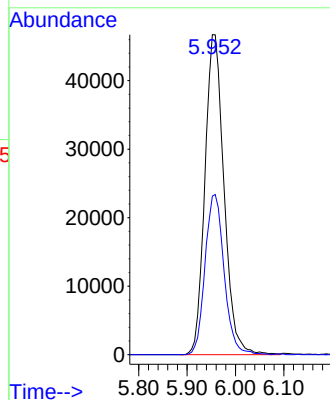
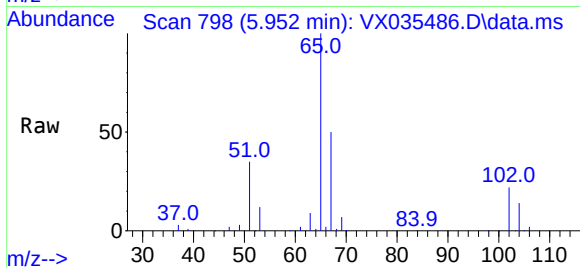
LEA-11I

Tgt Ion: 65 Resp: 128161

Ion Ratio Lower Upper

65 100

67 50.0 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX035486.D

Acq: 02 May 2023 17:55

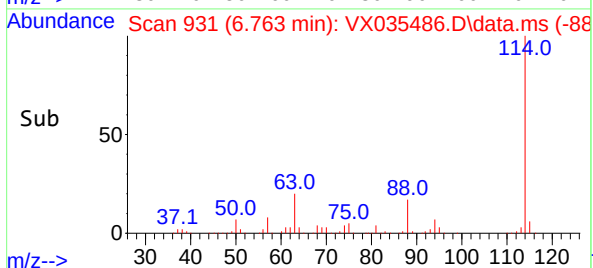
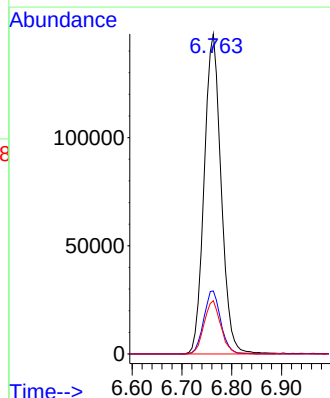
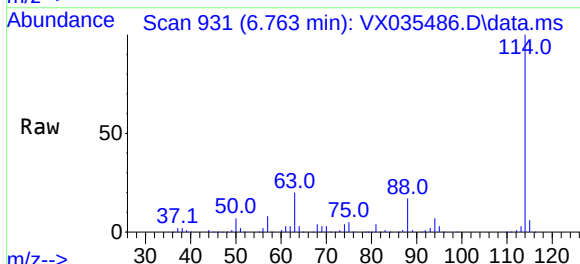
Tgt Ion:114 Resp: 349426

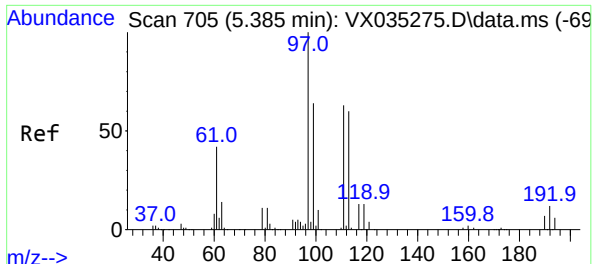
Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.2

88 16.7 0.0 33.2



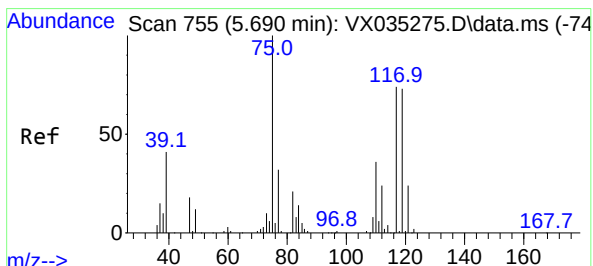
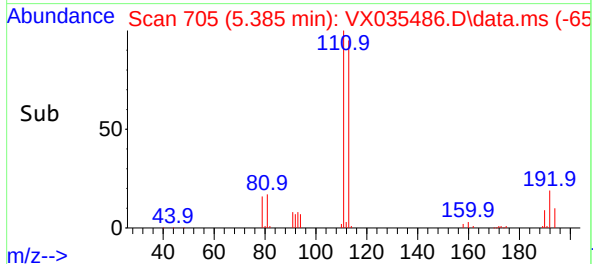
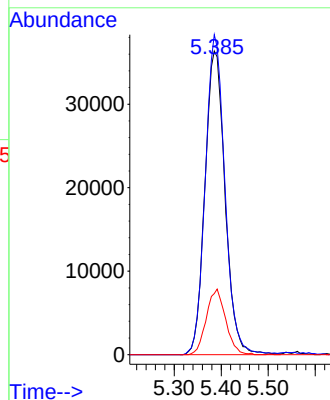
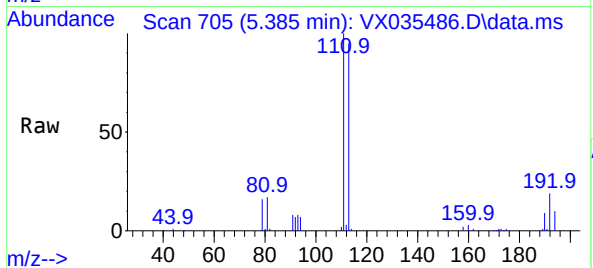


#35
 Dibromofluoromethane
 Concen: 50.441 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX035486.D
 Acq: 02 May 2023 17:55

Instrument :
 MSVOA_X
 ClientSampleId :
 LEA-11I

Tgt Ion:113 Resp: 108179

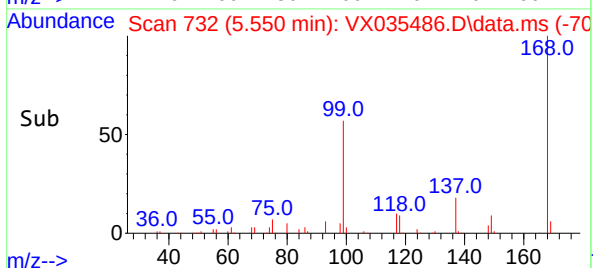
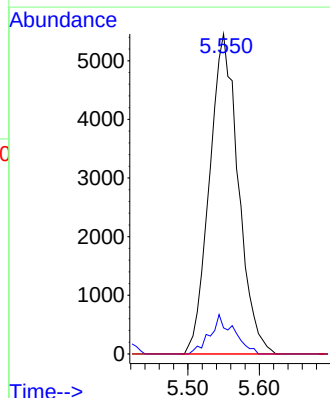
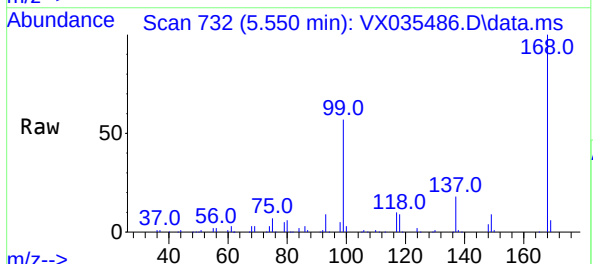
Ion	Ratio	Lower	Upper
113	100		
111	102.6	83.7	125.5
192	20.7	15.4	23.2

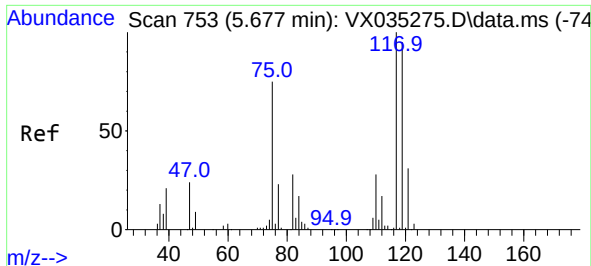


#36
 1,1-Dichloropropene
 Concen: 4.561 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. -0.140 min
 Lab File: VX035486.D
 Acq: 02 May 2023 17:55

Tgt Ion: 75 Resp: 15273

Ion	Ratio	Lower	Upper
75	100		
110	10.2	17.5	52.5#
77	0.0	24.3	36.5#

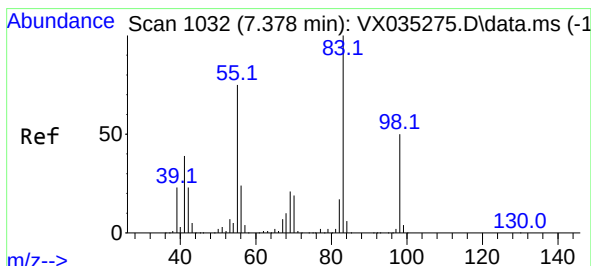
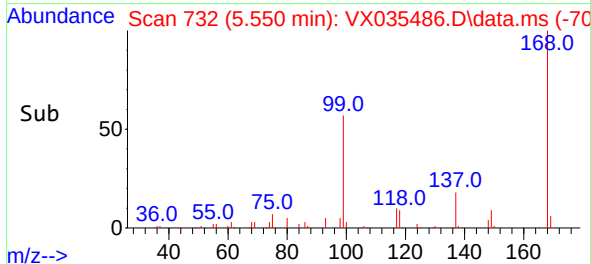
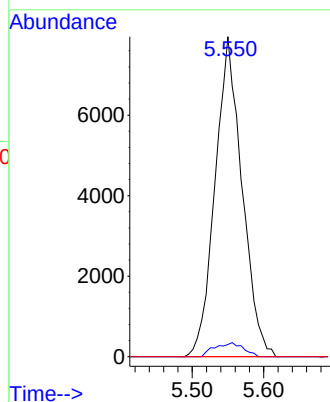
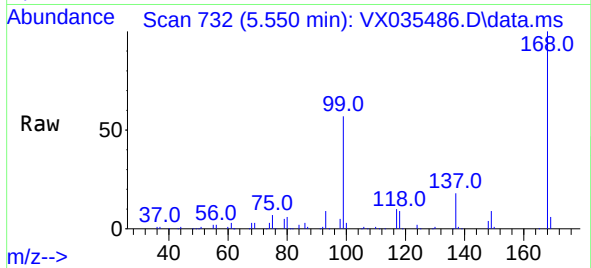




#38
Carbon Tetrachloride
Concen: 6.540 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.127 min
Lab File: VX035486.D
Acq: 02 May 2023 17:55

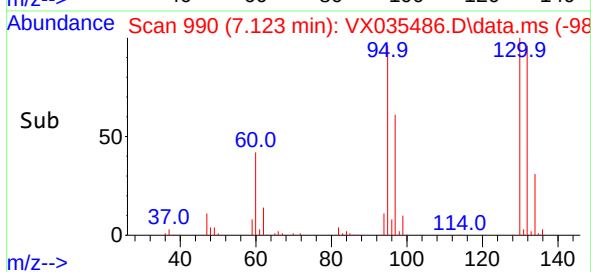
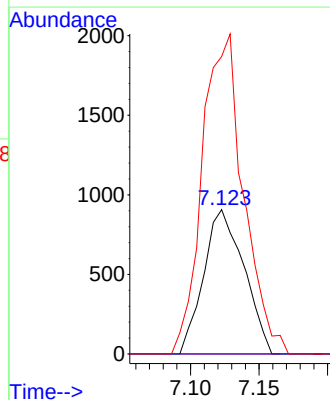
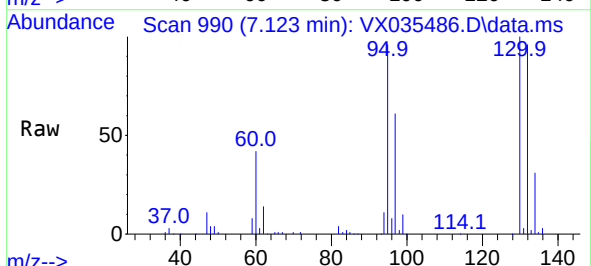
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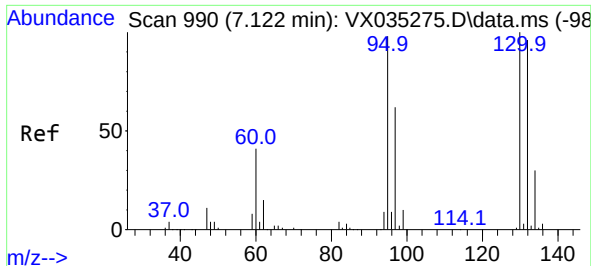
Tgt Ion:117 Resp: 20790
Ion Ratio Lower Upper
117 100
119 3.8 76.6 114.8#
121 0.0 23.8 35.6#



#39
Methylcyclohexane
Concen: 0.456 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.255 min
Lab File: VX035486.D
Acq: 02 May 2023 17:55

Tgt Ion: 83 Resp: 1859
Ion Ratio Lower Upper
83 100
55 0.0 60.5 90.7#
98 193.2 40.4 60.6#

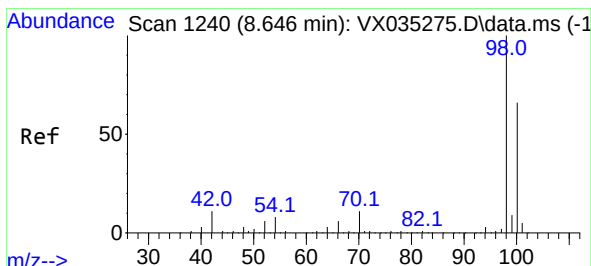
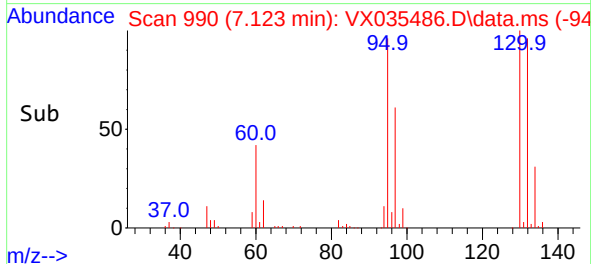
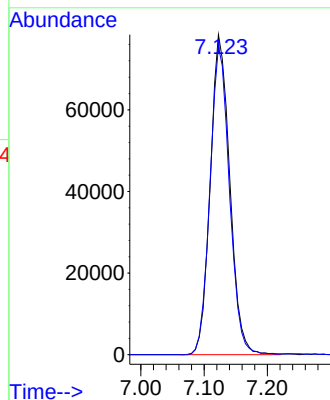
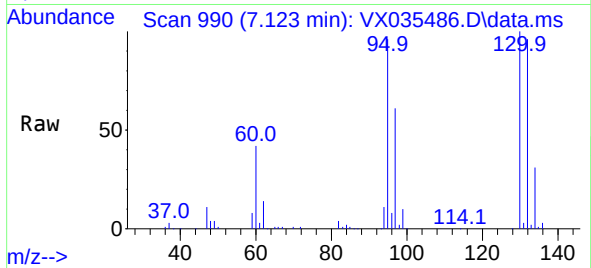




#44
Trichloroethene
Concen: 63.513 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.001 min
Lab File: VX035486.D
Acq: 02 May 2023 17:55

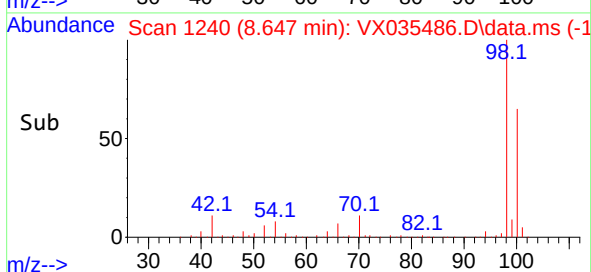
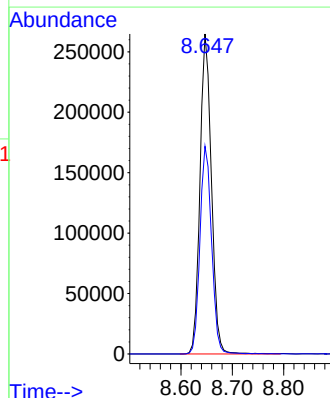
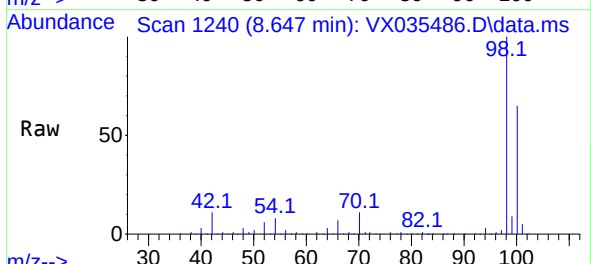
Instrument :
MSVOA_X
ClientSampleId :
LEA-11I

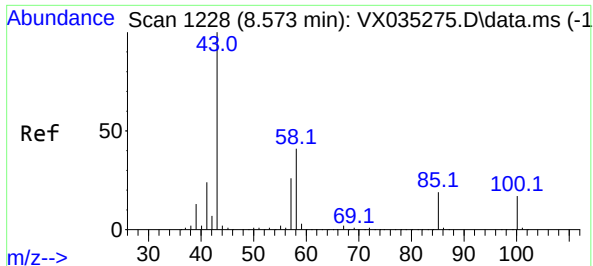
Tgt Ion:130 Resp: 168083
Ion Ratio Lower Upper
130 100
95 96.4 0.0 198.4



#50
Toluene-d8
Concen: 50.477 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX035486.D
Acq: 02 May 2023 17:55

Tgt Ion: 98 Resp: 408381
Ion Ratio Lower Upper
98 100
100 66.0 52.5 78.7

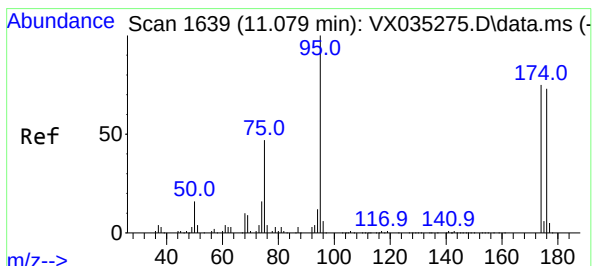
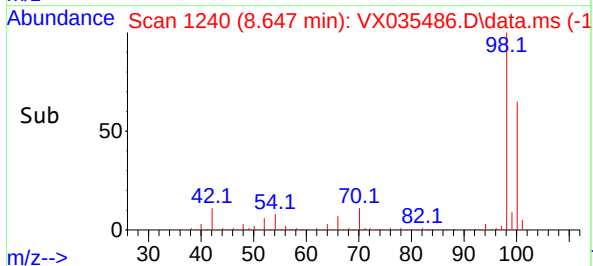
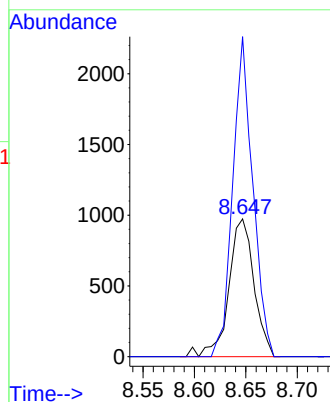
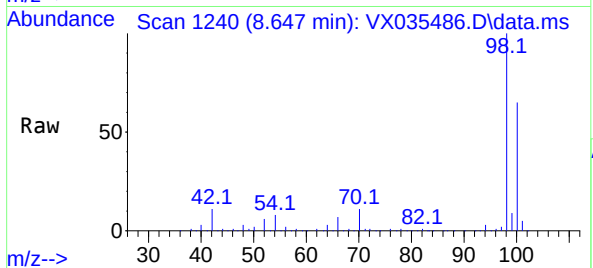




#51
4-Methyl-2-Pentanone
Concen: 0.527 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.074 min
Lab File: VX035486.D
Acq: 02 May 2023 17:55

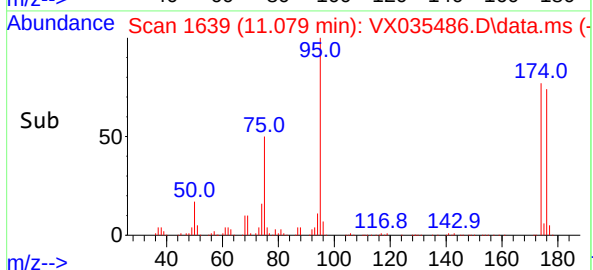
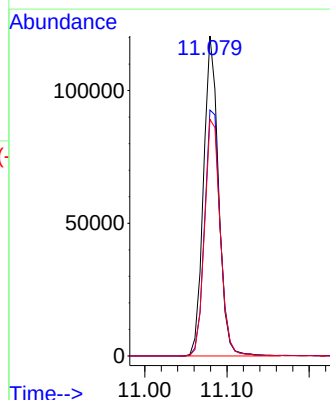
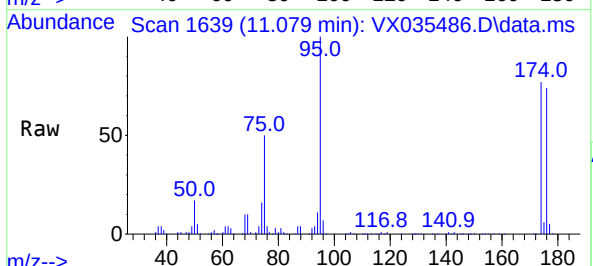
Instrument :
MSVOA_X
ClientSampleId :
LEA-11I

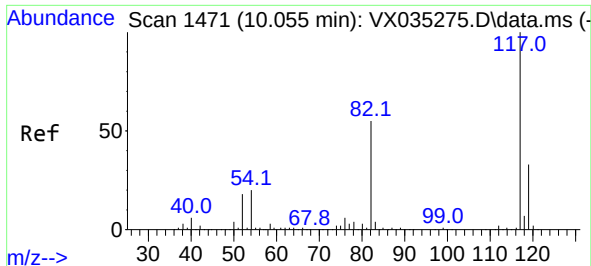
Tgt Ion: 43 Resp: 1664
Ion Ratio Lower Upper
43 100
58 184.5 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 50.341 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035486.D
Acq: 02 May 2023 17:55

Tgt Ion: 95 Resp: 153212
Ion Ratio Lower Upper
95 100
174 80.0 0.0 147.4
176 77.2 0.0 140.6

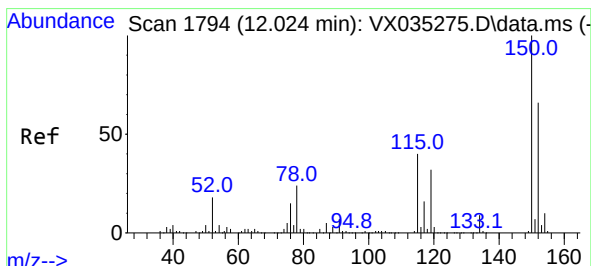
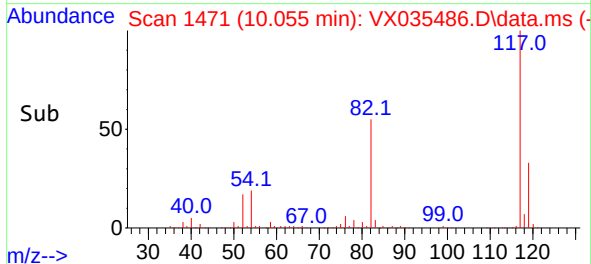
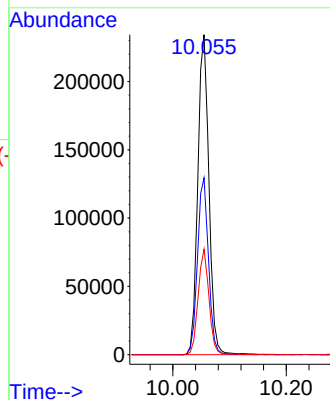
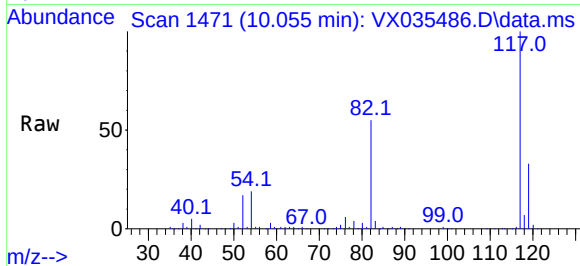




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035486.D
Acq: 02 May 2023 17:55

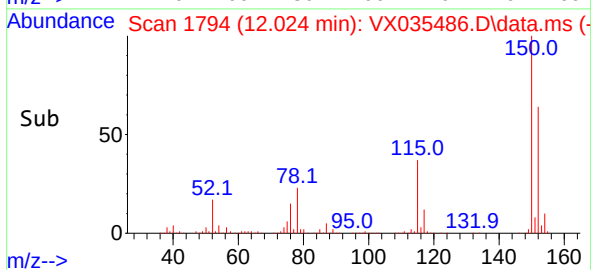
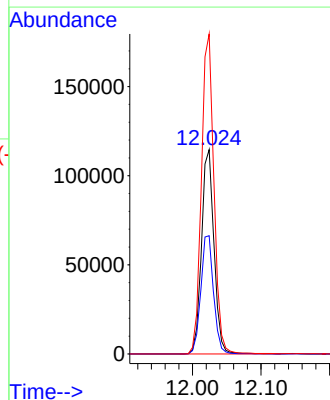
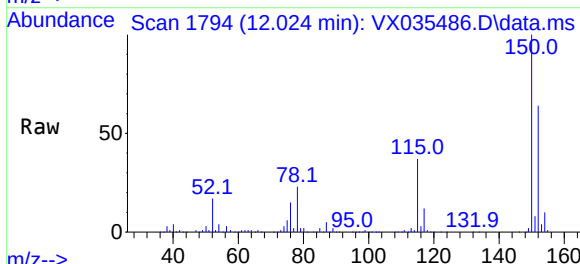
Instrument :
MSVOA_X
ClientSampleId :
LEA-11I

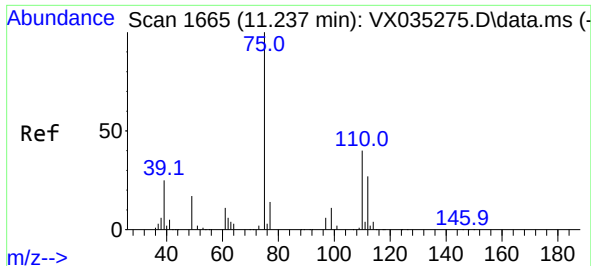
Tgt Ion:117 Resp: 318317
Ion Ratio Lower Upper
117 100
82 55.3 45.0 67.4
119 32.9 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035486.D
Acq: 02 May 2023 17:55

Tgt Ion:152 Resp: 145525
Ion Ratio Lower Upper
152 100
115 59.0 45.0 135.0
150 157.4 0.0 352.4

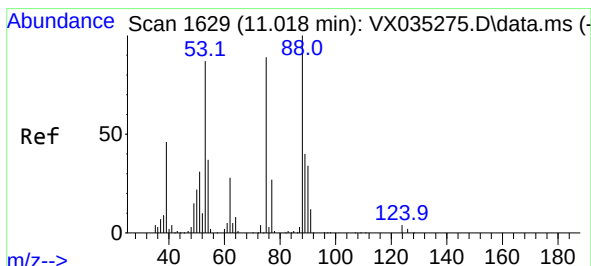
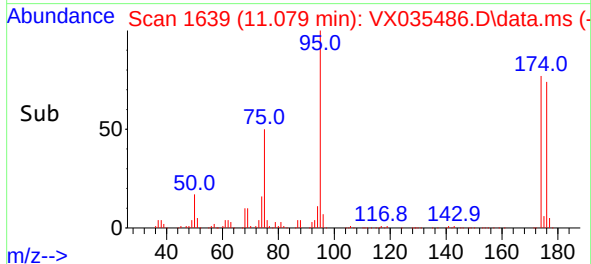
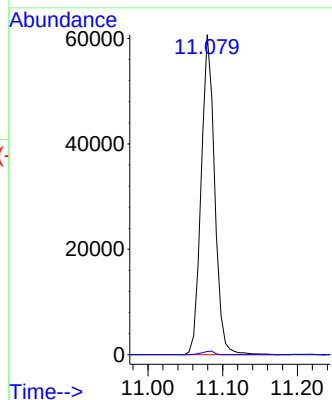
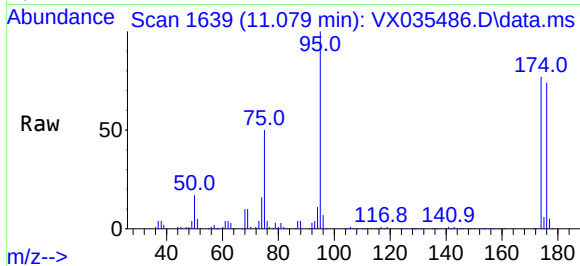




#76
1,2,3-Trichloropropane
Concen: 26.201 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX035486.D
Acq: 02 May 2023 17:55

Instrument :
MSVOA_X
ClientSampleId :
LEA-11I

Tgt Ion: 75 Resp: 76060
Ion Ratio Lower Upper
75 100
77 1.0 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.862 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035486.D
Acq: 02 May 2023 17:55

Tgt Ion: 75 Resp: 76060
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

