

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120222\
 Data File : VX033193.D
 Acq On : 02 Dec 2022 18:07
 Operator : JC/MD
 Sample : N5841-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LEA-11I

Quant Time: Dec 03 04:35:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

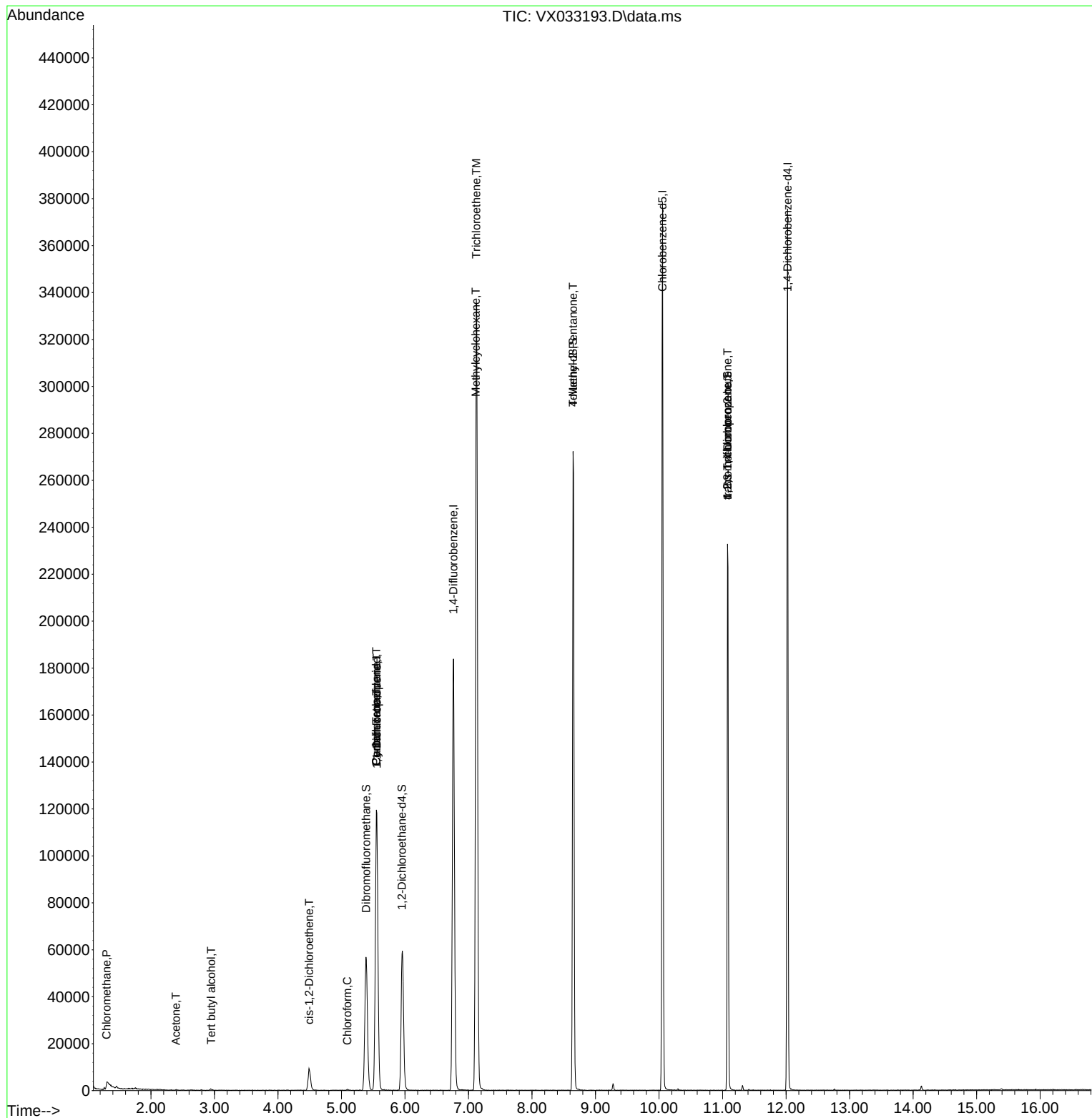
Internal Standards						
1) Pentafluorobenzene	5.550	168	111892	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	185012	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	165063	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74243	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61986	57.141	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	114.280%
35) Dibromofluoromethane	5.385	113	50031	47.967	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.940%
50) Toluene-d8	8.647	98	163169	52.083	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	104.160%
62) 4-Bromofluorobenzene	11.079	95	60455	44.124	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.240%
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	208	0.225	ug/l #	43
11) Tert butyl alcohol	2.946	59	363	2.102	ug/l #	72
16) Acetone	2.392	43	474	0.931	ug/l #	45
20) Methylene Chloride	2.788	84	64	Below Cal	#	64
27) cis-1,2-Dichloroethene	4.489	96	6085	4.795	ug/l	90
30) Chloroform	5.092	83	499	0.227	ug/l #	55
31) Cyclohexane	5.550	56	2450	1.388	ug/l #	16
36) 1,1-Dichloropropene	5.556	75	8742	5.242	ug/l #	50
38) Carbon Tetrachloride	5.550	117	12042	6.509	ug/l #	16
39) Methylcyclohexane	7.116	83	1599	0.840	ug/l #	1
44) Trichloroethene	7.123	130	130320	99.320	ug/l	98
51) 4-Methyl-2-Pentanone	8.647	43	762	0.513	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	32288	22.964	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	32288	74.643	ug/l #	6

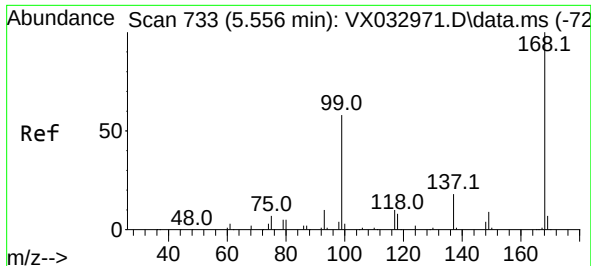
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120222\
Data File : VX033193.D
Acq On : 02 Dec 2022 18:07
Operator : JC/MD
Sample : N5841-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LEA-11I

Quant Time: Dec 03 04:35:10 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 22 13:58:46 2022
Response via : Initial Calibration

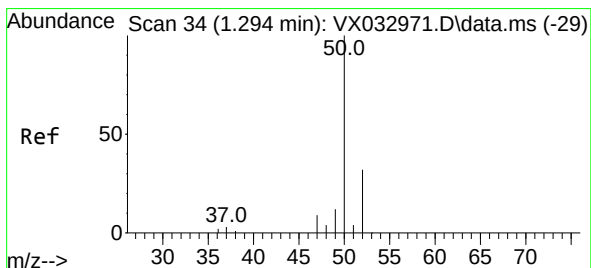
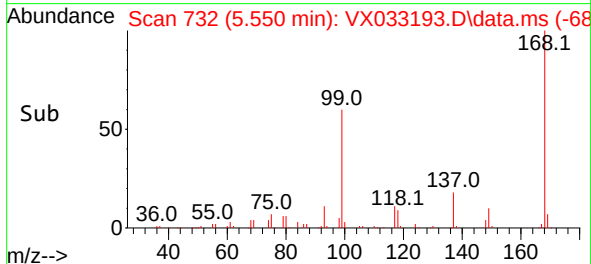
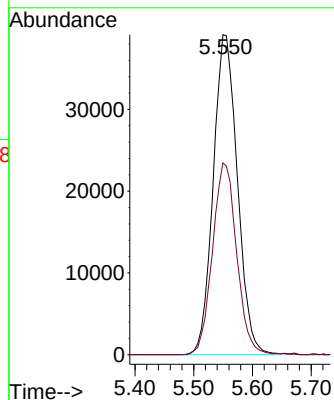
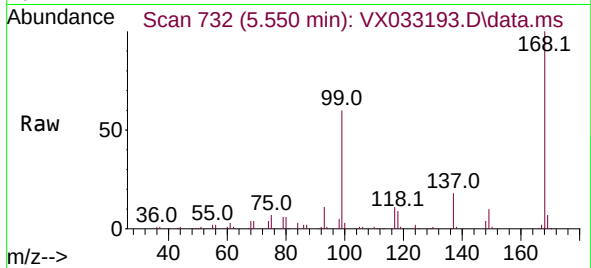




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX033193.D
Acq: 02 Dec 2022 18:07

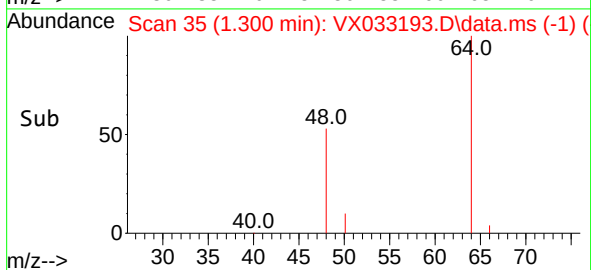
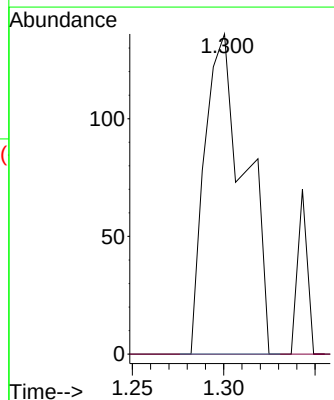
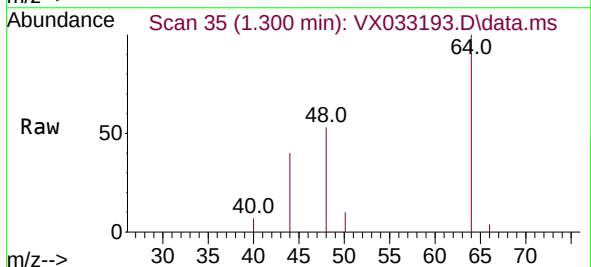
Instrument :
MSVOA_X
ClientSampleId :
LEA-11I

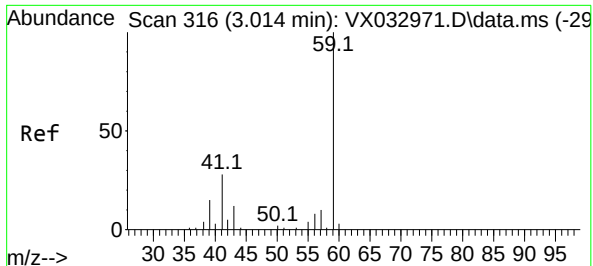
Tgt Ion:168 Resp: 111892
Ion Ratio Lower Upper
168 100
99 60.0 46.1 69.1



#3
Chloromethane
Concen: 0.225 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX033193.D
Acq: 02 Dec 2022 18:07

Tgt Ion: 50 Resp: 208
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#





#11

Tert butyl alcohol

Concen: 2.102 ug/l

RT: 2.946 min Scan# 305

Delta R.T. -0.019 min

Lab File: VX033193.D

Acq: 02 Dec 2022 18:07

Instrument :

MSVOA_X

ClientSampleId :

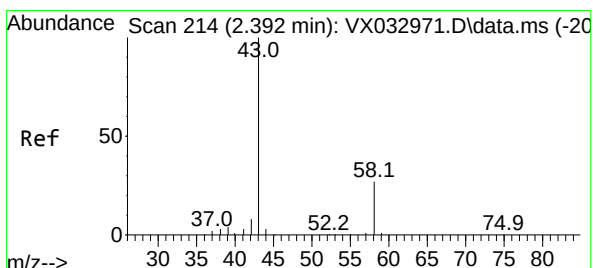
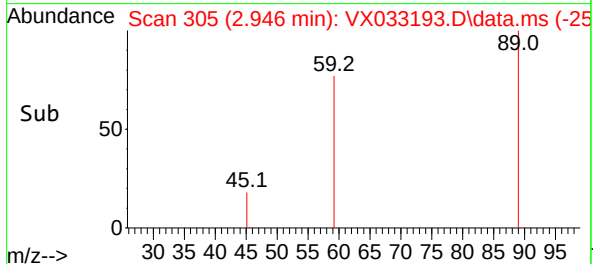
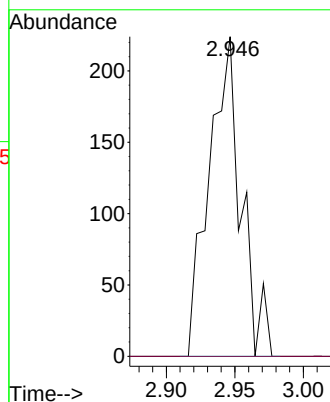
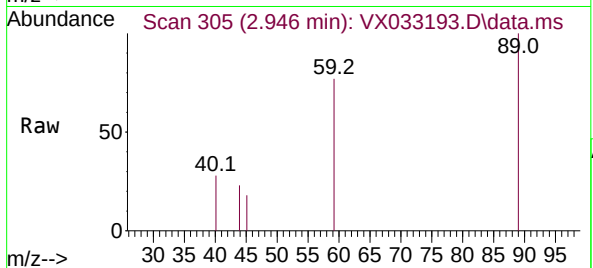
LEA-11I

Tgt Ion: 59 Resp: 363

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#16

Acetone

Concen: 0.931 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.012 min

Lab File: VX033193.D

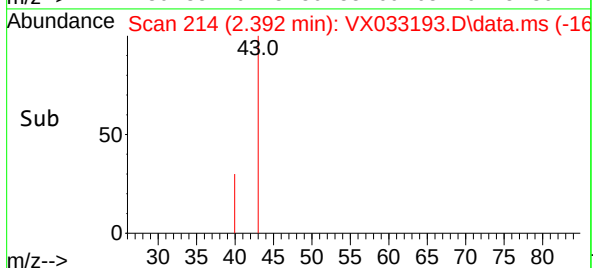
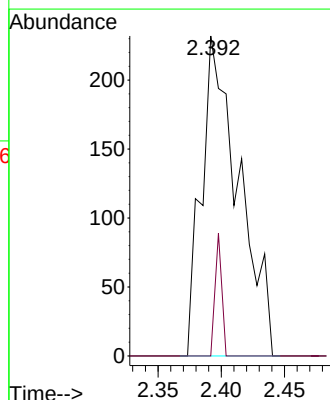
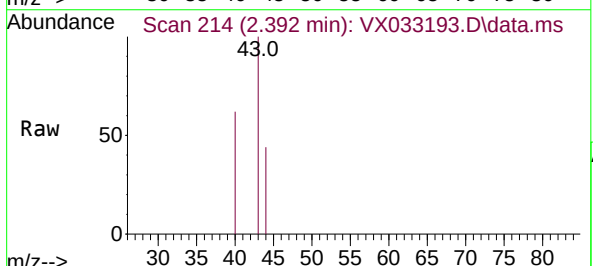
Acq: 02 Dec 2022 18:07

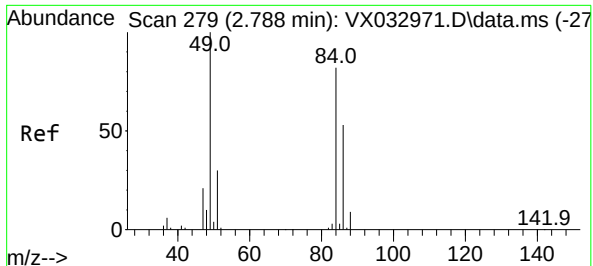
Tgt Ion: 43 Resp: 474

Ion Ratio Lower Upper

43 100

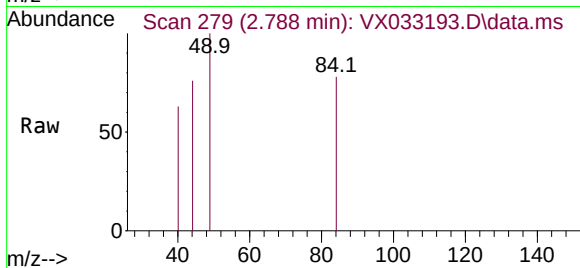
58 0.0 23.8 35.8#



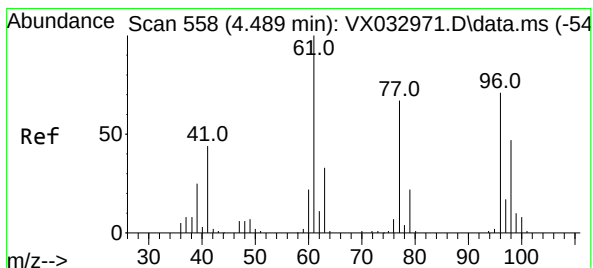
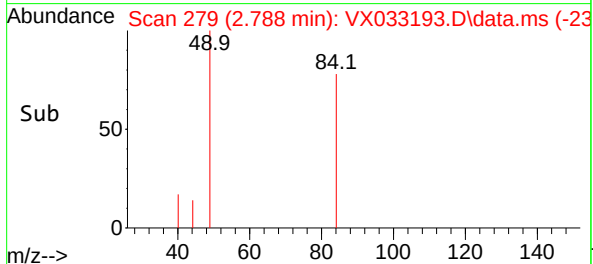
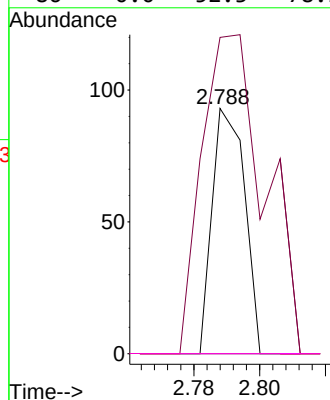


#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX033193.D
Acq: 02 Dec 2022 18:07

Instrument :
MSVOA_X
ClientSampleId :
LEA-11I

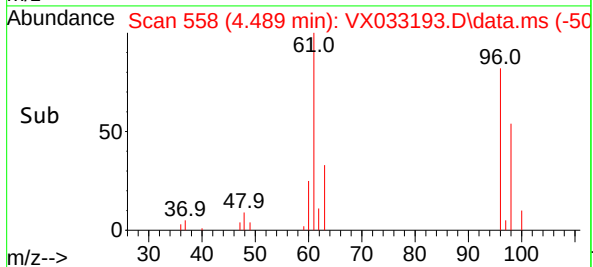
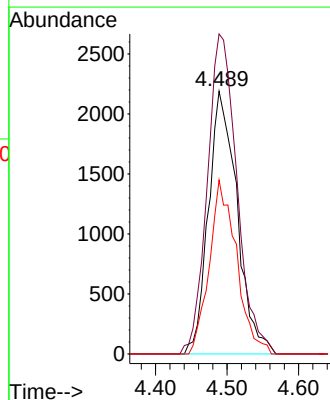
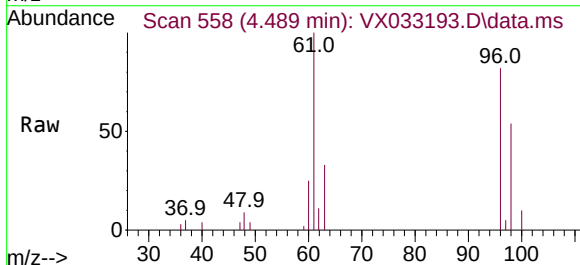


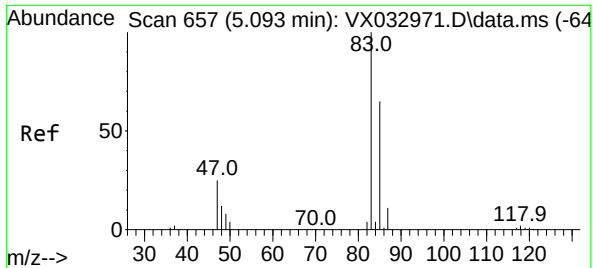
Tgt Ion:	84	Resp:	64
Ion	Ratio	Lower	Upper
84	100		
49	129.0	101.0	151.6
51	0.0	31.1	46.7#
86	0.0	52.3	78.5#



#27
cis-1,2-Dichloroethene
Concen: 4.795 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX033193.D
Acq: 02 Dec 2022 18:07

Tgt Ion:	96	Resp:	6085
Ion	Ratio	Lower	Upper
96	100		
61	126.3	0.0	286.0
98	62.9	0.0	129.6

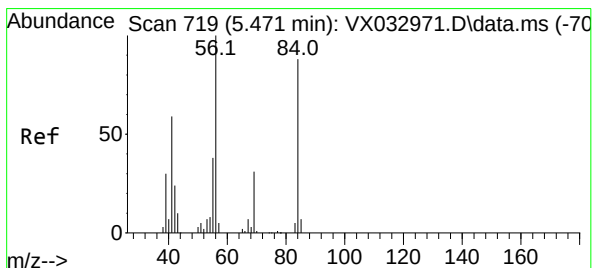
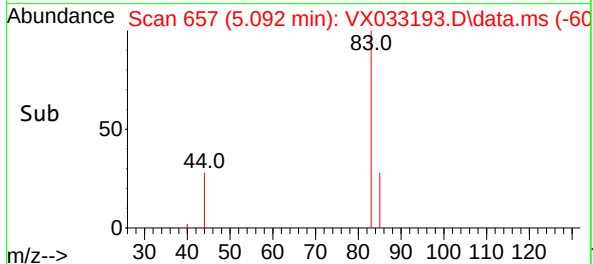
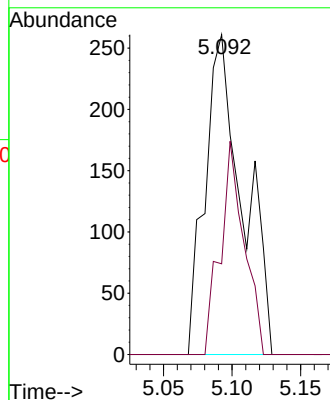
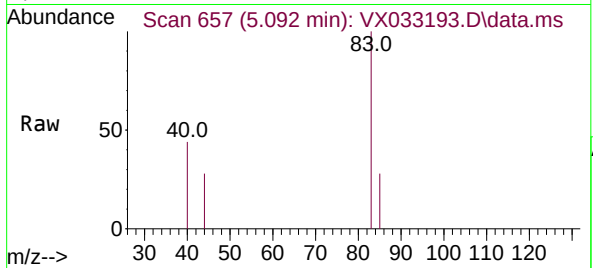




#30
Chloroform
Concen: 0.227 ug/l
RT: 5.092 min Scan# 61
Delta R.T. -0.007 min
Lab File: VX033193.D
Acq: 02 Dec 2022 18:07

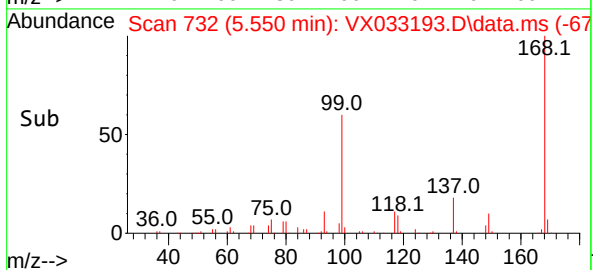
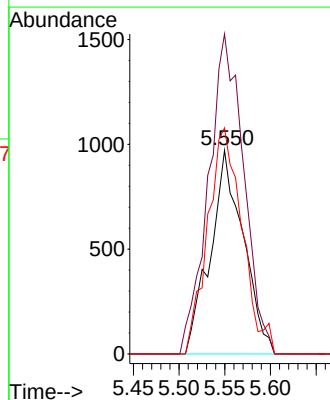
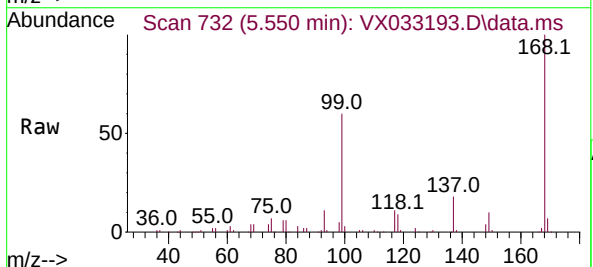
Instrument :
MSVOA_X
ClientSampleId :
LEA-11I

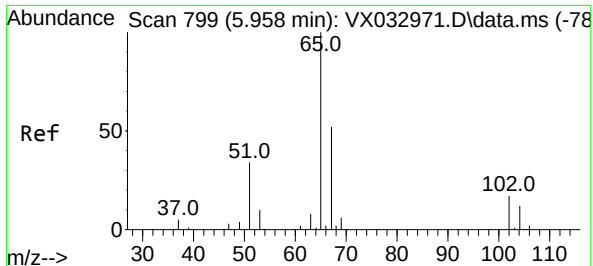
Tgt Ion: 83 Resp: 499
Ion Ratio Lower Upper
83 100
85 28.4 51.1 76.7#



#31
Cyclohexane
Concen: 1.388 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.080 min
Lab File: VX033193.D
Acq: 02 Dec 2022 18:07

Tgt Ion: 56 Resp: 2450
Ion Ratio Lower Upper
56 100
69 157.1 24.1 36.1#
84 111.0 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 57.141 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX033193.D

Acq: 02 Dec 2022 18:07

Instrument :

MSVOA_X

ClientSampleId :

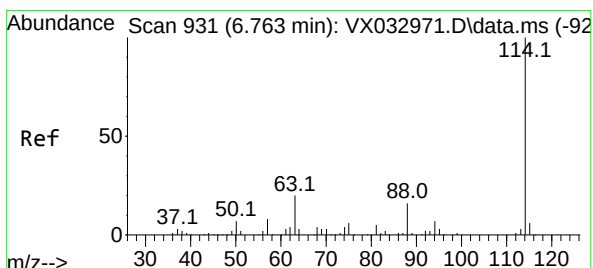
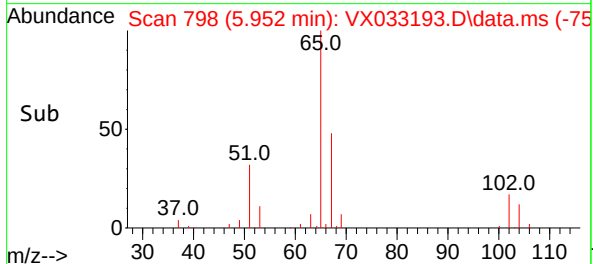
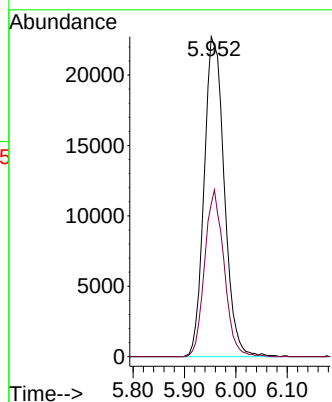
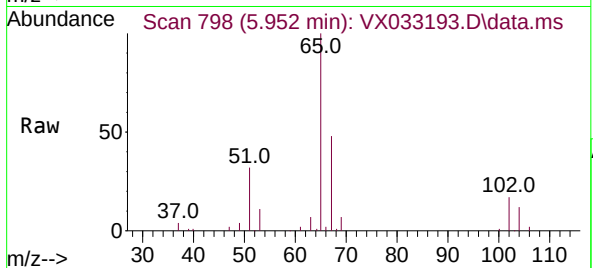
LEA-11I

Tgt Ion: 65 Resp: 61986

Ion Ratio Lower Upper

65 100

67 50.2 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: VX033193.D

Acq: 02 Dec 2022 18:07

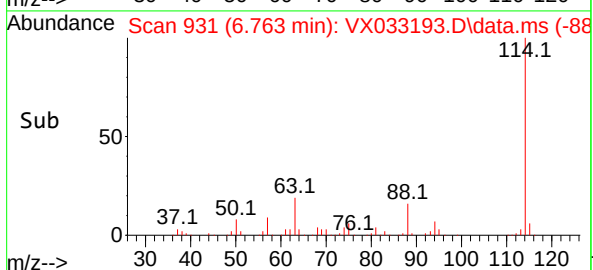
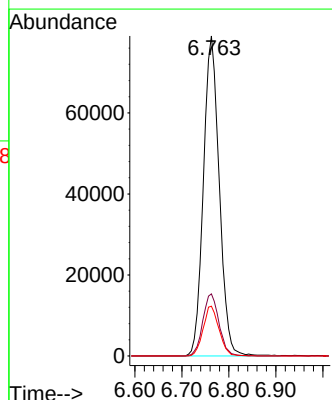
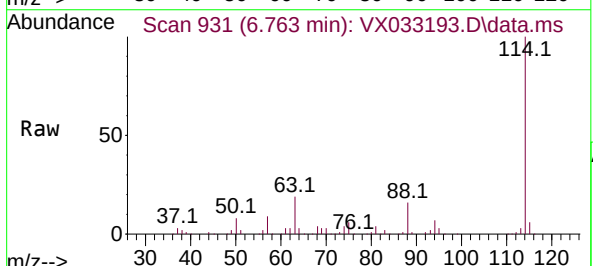
Tgt Ion: 114 Resp: 185012

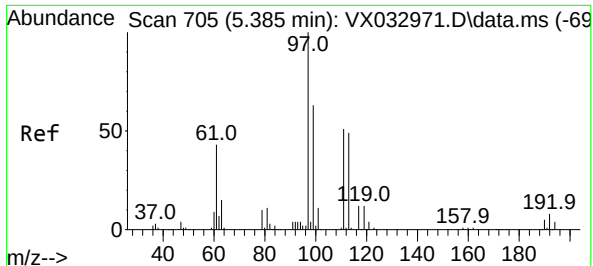
Ion Ratio Lower Upper

114 100

63 19.4 0.0 41.6

88 15.6 0.0 33.4

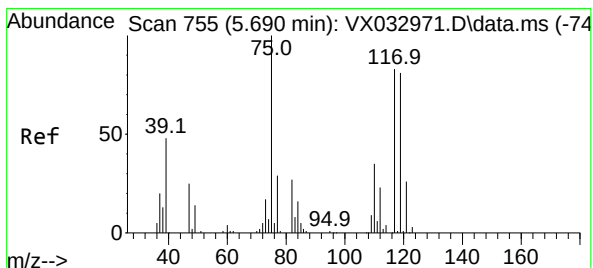
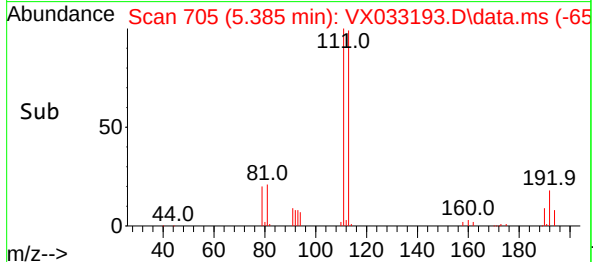
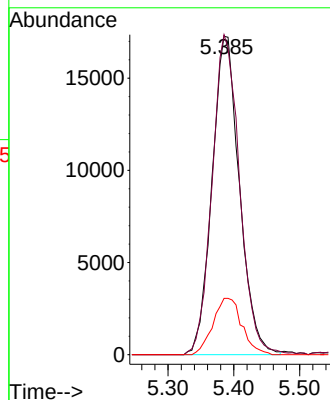
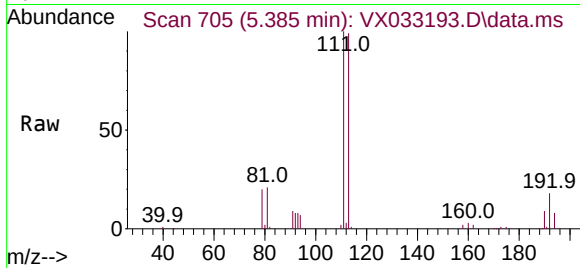




#35
Dibromofluoromethane
Concen: 47.967 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033193.D
Acq: 02 Dec 2022 18:07

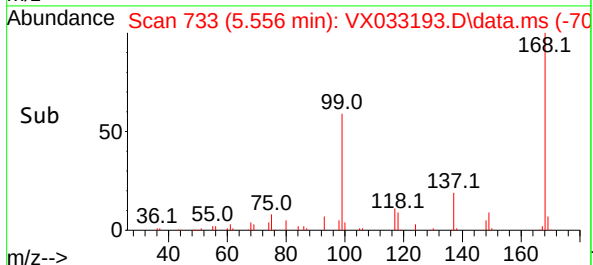
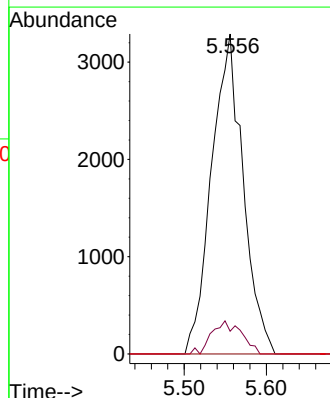
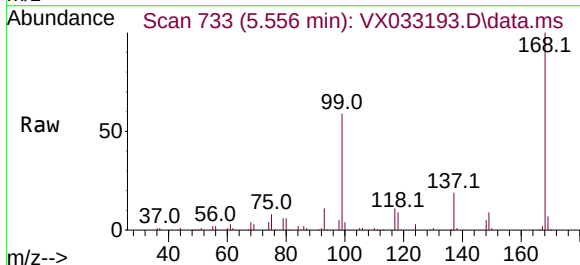
Instrument :
MSVOA_X
ClientSampleId :
LEA-11I

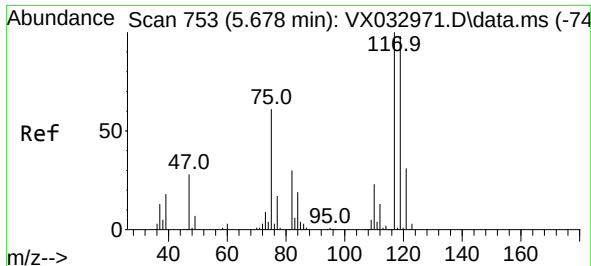
Tgt Ion:113 Resp: 50031
Ion Ratio Lower Upper
113 100
111 101.1 82.4 123.6
192 18.7 15.4 23.2



#36
1,1-Dichloropropene
Concen: 5.242 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX033193.D
Acq: 02 Dec 2022 18:07

Tgt Ion: 75 Resp: 8742
Ion Ratio Lower Upper
75 100
110 9.8 18.4 55.2#
77 0.0 24.5 36.7#

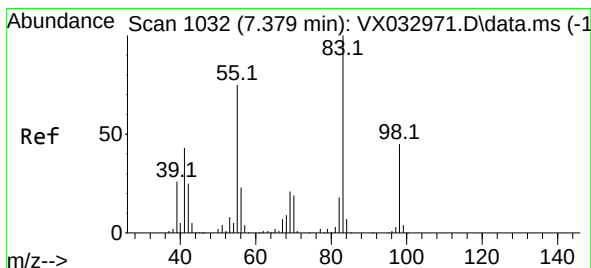
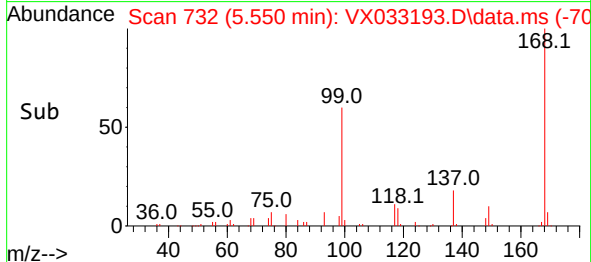
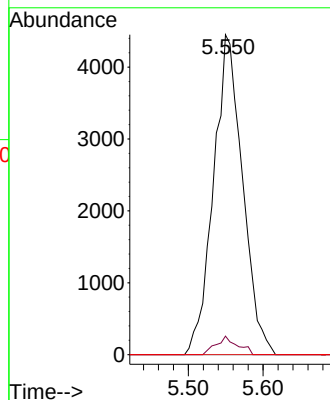
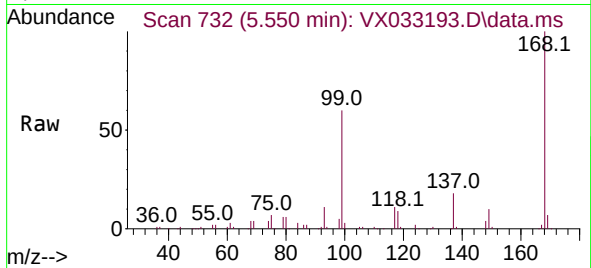




#38
Carbon Tetrachloride
Concen: 6.509 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX033193.D
Acq: 02 Dec 2022 18:07

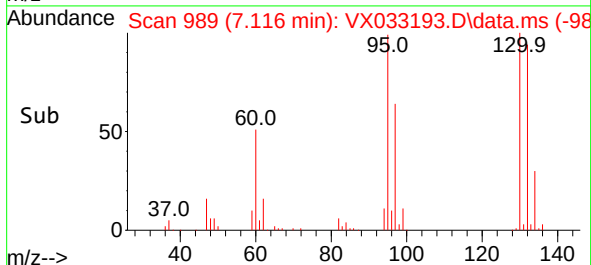
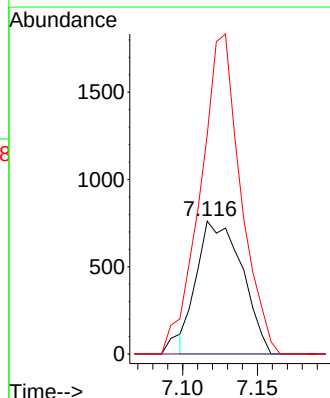
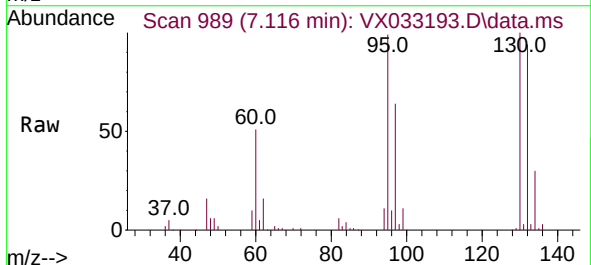
Instrument :
MSVOA_X
ClientSampleId :
LEA-11I

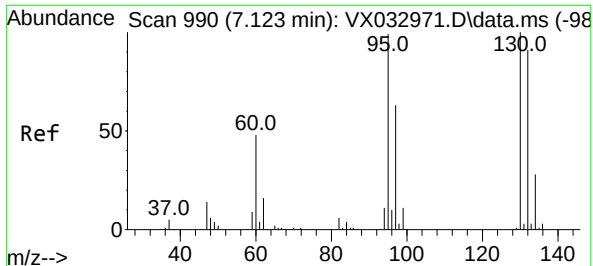
Tgt Ion:117 Resp: 12042
Ion Ratio Lower Upper
117 100
119 5.8 77.2 115.8#
121 0.0 25.8 38.6#



#39
Methylcyclohexane
Concen: 0.840 ug/l
RT: 7.116 min Scan# 989
Delta R.T. -0.269 min
Lab File: VX033193.D
Acq: 02 Dec 2022 18:07

Tgt Ion: 83 Resp: 1599
Ion Ratio Lower Upper
83 100
55 0.0 58.4 87.6#
98 165.0 37.2 55.8#

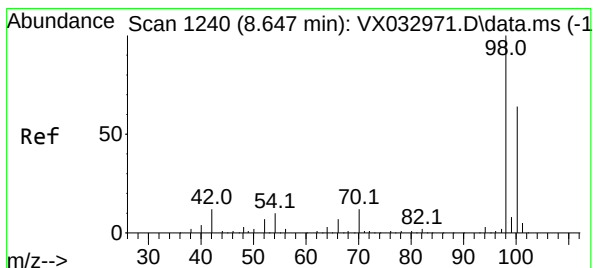
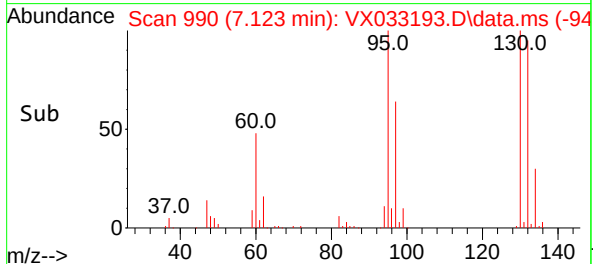
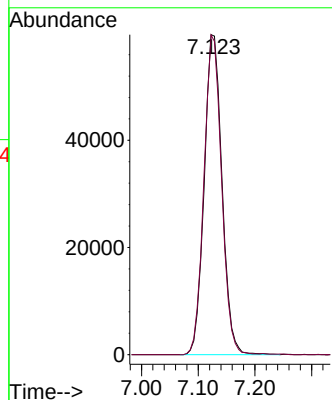
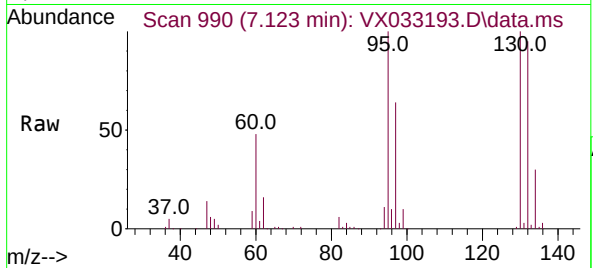




#44
 Trichloroethene
 Concen: 99.320 ug/l
 RT: 7.123 min Scan# 990
 Delta R.T. -0.006 min
 Lab File: VX033193.D
 Acq: 02 Dec 2022 18:07

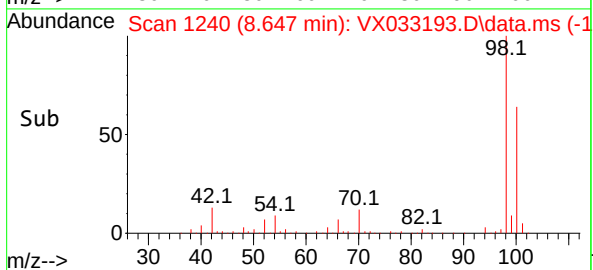
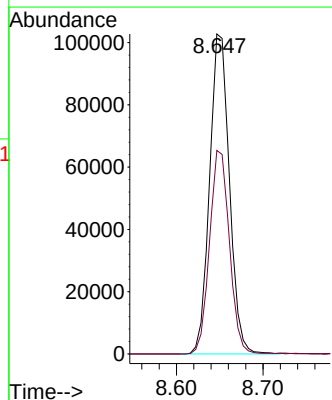
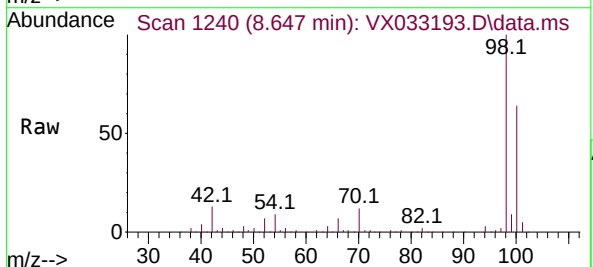
Instrument :
 MSVOA_X
 ClientSampleId :
 LEA-11I

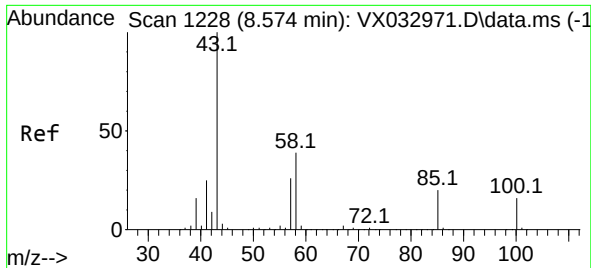
Tgt Ion:130 Resp: 130320
 Ion Ratio Lower Upper
 130 100
 95 99.9 0.0 195.2



#50
 Toluene-d8
 Concen: 52.083 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. -0.006 min
 Lab File: VX033193.D
 Acq: 02 Dec 2022 18:07

Tgt Ion: 98 Resp: 163169
 Ion Ratio Lower Upper
 98 100
 100 63.9 50.9 76.3

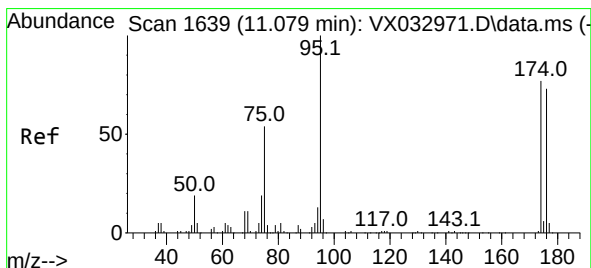
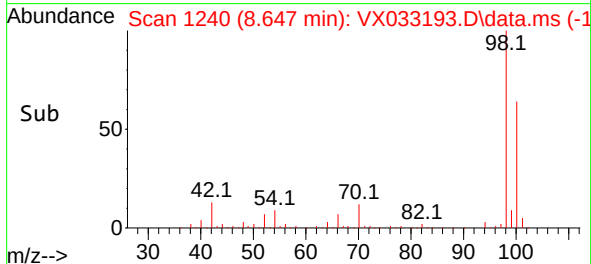
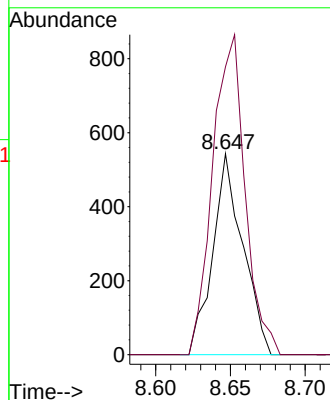
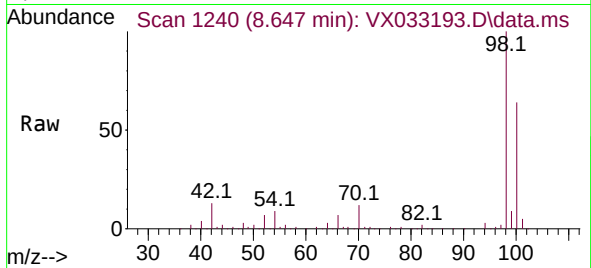




#51
4-Methyl-2-Pentanone
Concen: 0.513 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX033193.D
Acq: 02 Dec 2022 18:07

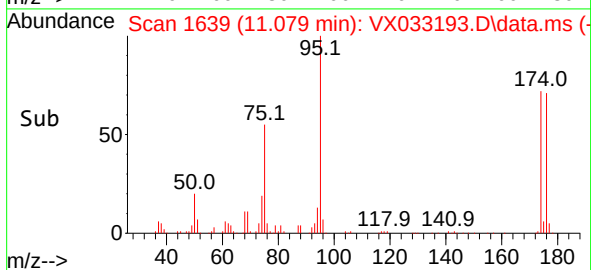
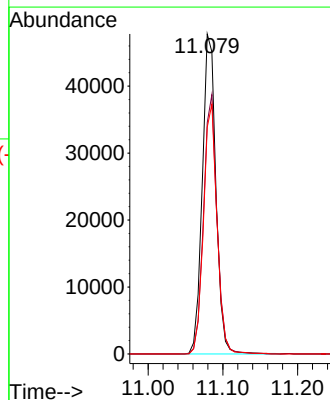
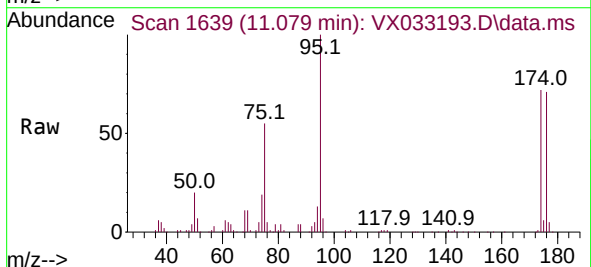
Instrument :
MSVOA_X
ClientSampleId :
LEA-11I

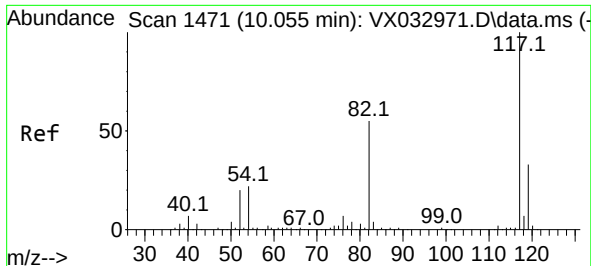
Tgt Ion: 43 Resp: 762
Ion Ratio Lower Upper
43 100
58 171.1 30.9 46.3#



#62
4-Bromofluorobenzene
Concen: 44.124 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033193.D
Acq: 02 Dec 2022 18:07

Tgt Ion: 95 Resp: 60455
Ion Ratio Lower Upper
95 100
174 79.8 0.0 164.0
176 77.7 0.0 154.4

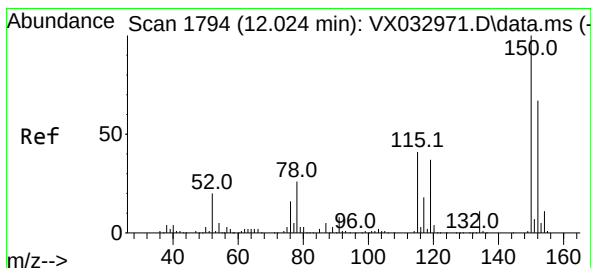
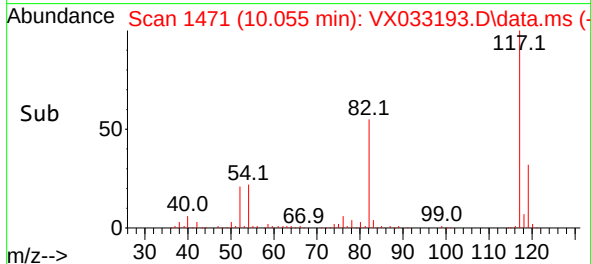
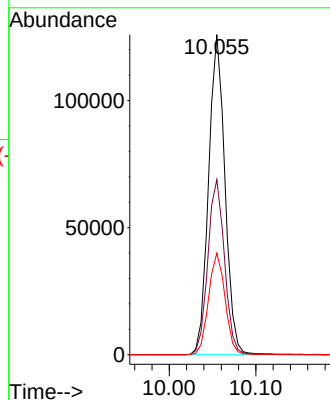
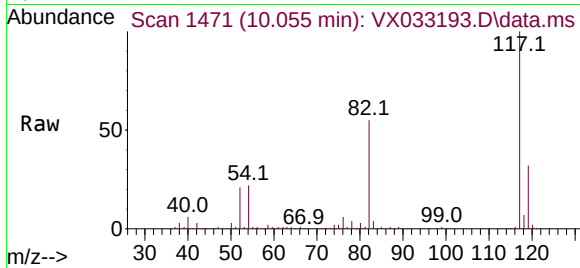




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033193.D
Acq: 02 Dec 2022 18:07

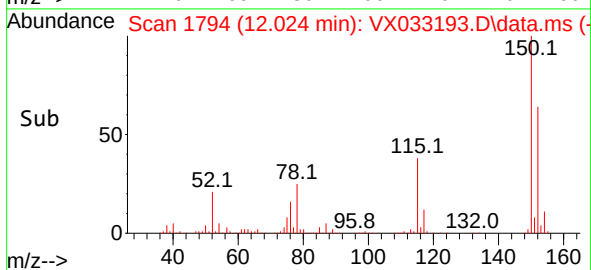
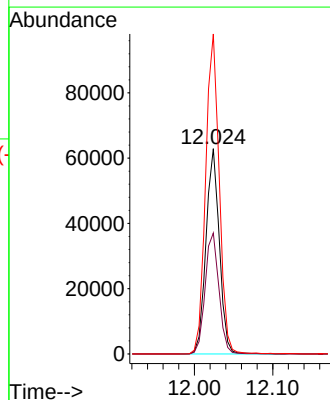
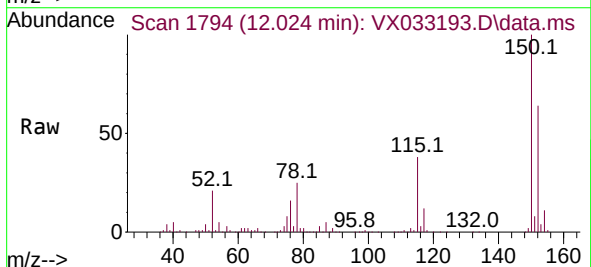
Instrument :
MSVOA_X
ClientSampleId :
LEA-11I

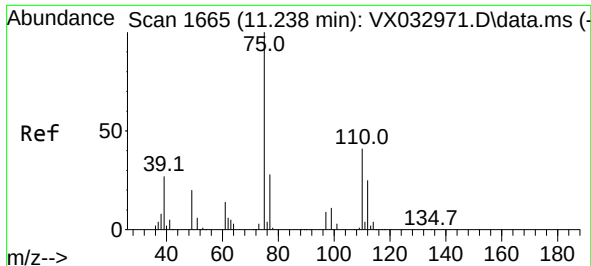
Tgt Ion:117 Resp: 165063
Ion Ratio Lower Upper
117 100
82 54.7 44.3 66.5
119 31.7 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033193.D
Acq: 02 Dec 2022 18:07

Tgt Ion:152 Resp: 74243
Ion Ratio Lower Upper
152 100
115 61.0 44.0 132.0
150 158.7 0.0 351.8

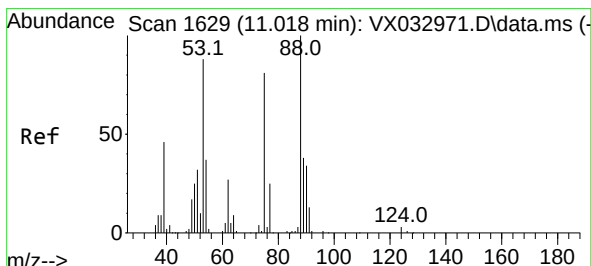
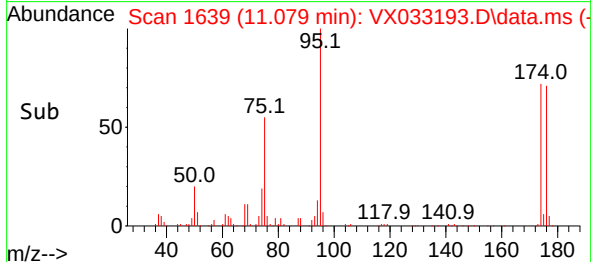
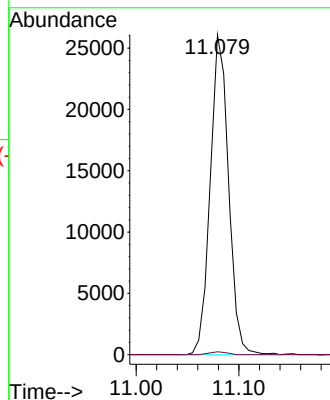
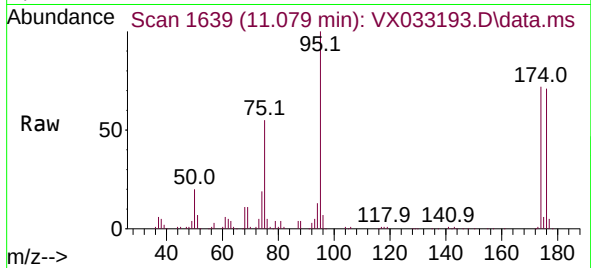




#76
1,2,3-Trichloropropane
Concen: 22.964 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX033193.D
Acq: 02 Dec 2022 18:07

Instrument :
MSVOA_X
ClientSampleId :
LEA-11I

Tgt Ion: 75 Resp: 32288
Ion Ratio Lower Upper
75 100
77 0.9 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.643 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033193.D
Acq: 02 Dec 2022 18:07

Tgt Ion: 75 Resp: 32288
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

