

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120222\
 Data File : VX033199.D
 Acq On : 02 Dec 2022 20:25
 Operator : JC/MD
 Sample : N5841-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LEA-13S

Quant Time: Dec 03 04:36:54 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)

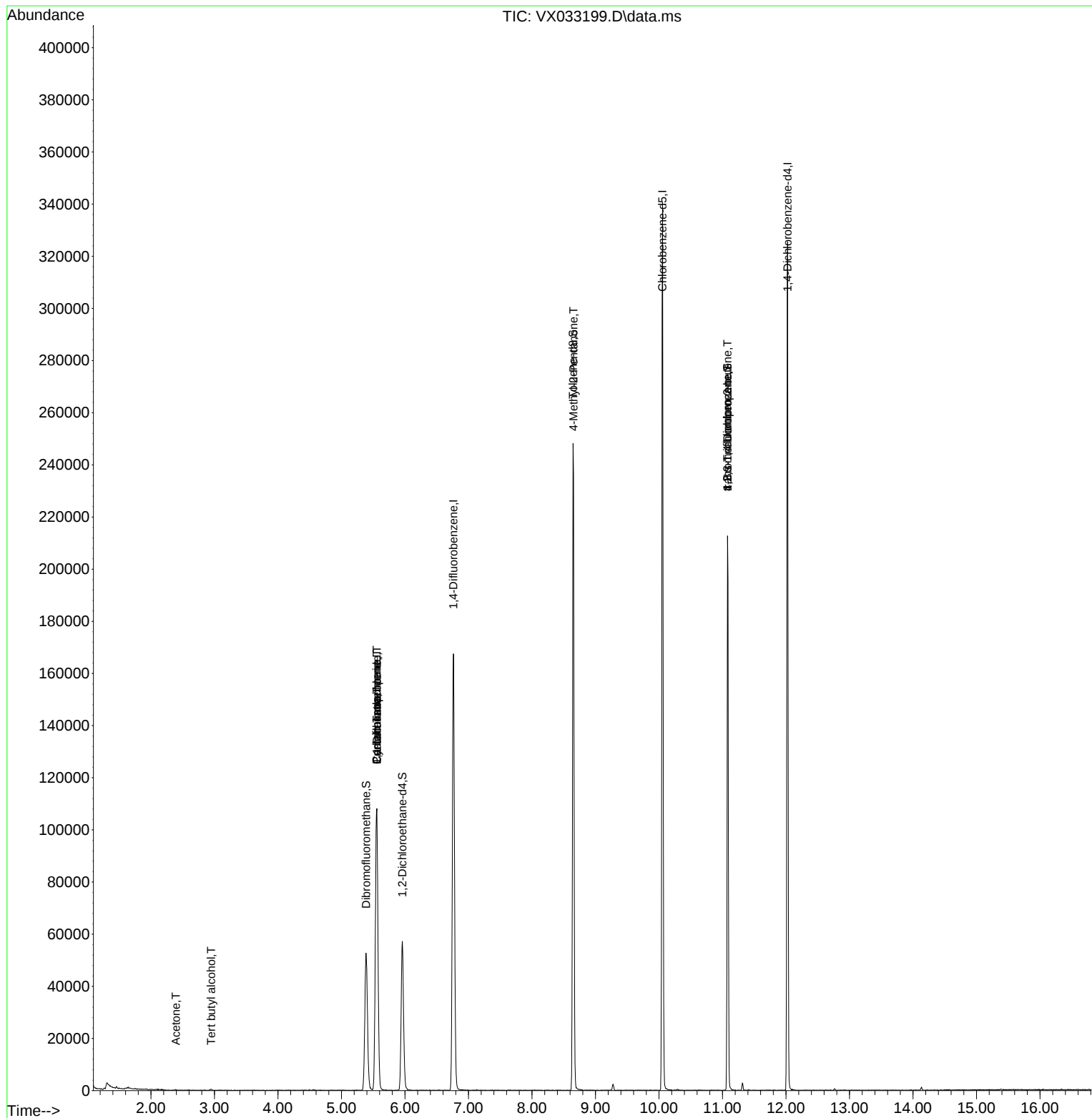
Internal Standards						
1) Pentafluorobenzene	5.556	168	103258	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	171271	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	151784	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68224	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	57156	57.091	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	114.180%
35) Dibromofluoromethane	5.385	113	45786	47.419	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.840%
50) Toluene-d8	8.647	98	148055	51.006	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.020%
62) 4-Bromofluorobenzene	11.079	95	54892	43.278	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.560%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	177	1.110	ug/l #	72
16) Acetone	2.392	43	338	0.720	ug/l #	45
31) Cyclohexane	5.556	56	2401	1.474	ug/l #	25
36) 1,1-Dichloropropene	5.556	75	8067	5.225	ug/l #	49
38) Carbon Tetrachloride	5.556	117	11267	6.578	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	682	0.496	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	29352	22.717	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	29352	73.842	ug/l #	6

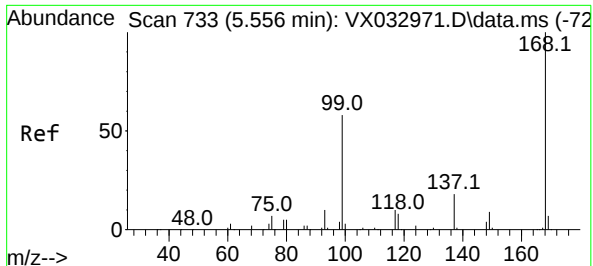
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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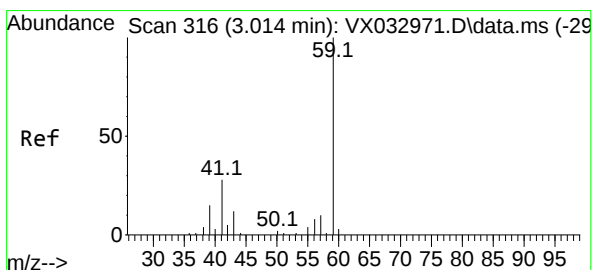
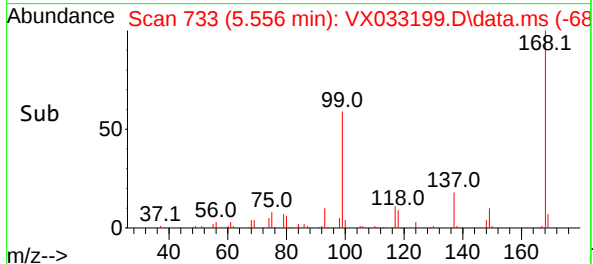
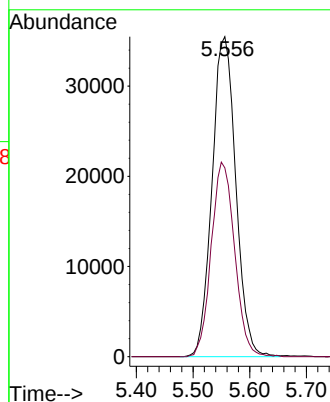
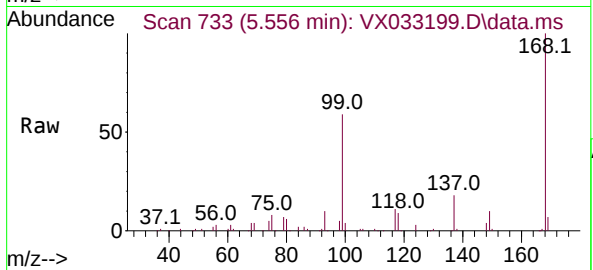




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX033199.D
Acq: 02 Dec 2022 20:25

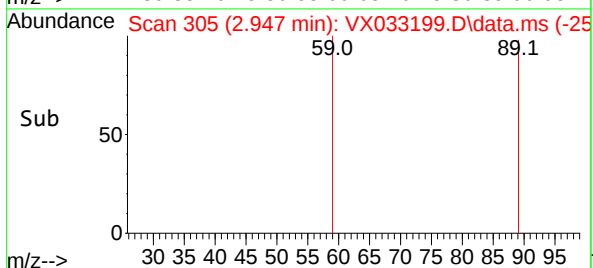
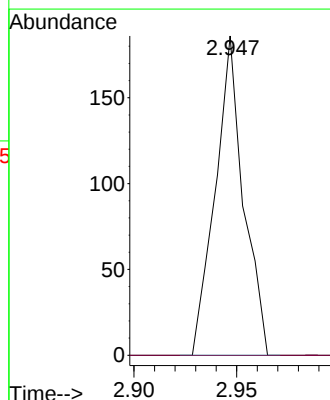
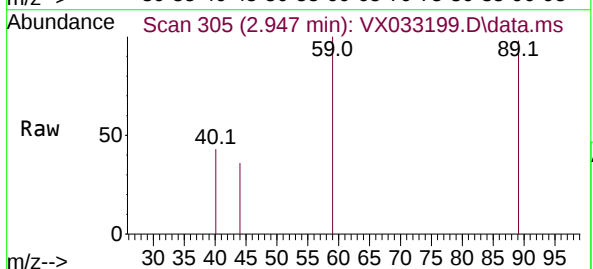
Instrument :
MSVOA_X
ClientSampleId :
LEA-13S

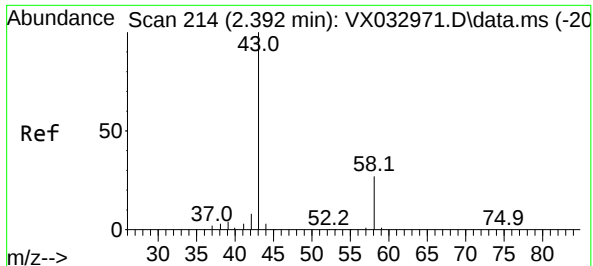
Tgt Ion:168 Resp: 103258
Ion Ratio Lower Upper
168 100
99 59.0 46.1 69.1



#11
Tert butyl alcohol
Concen: 1.110 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.018 min
Lab File: VX033199.D
Acq: 02 Dec 2022 20:25

Tgt Ion: 59 Resp: 177
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

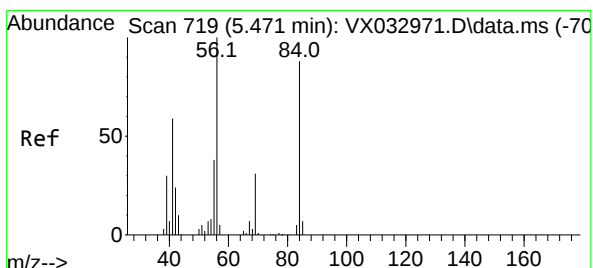
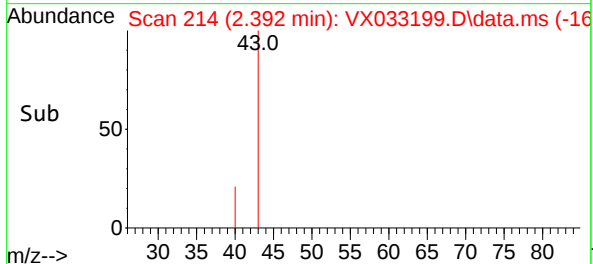
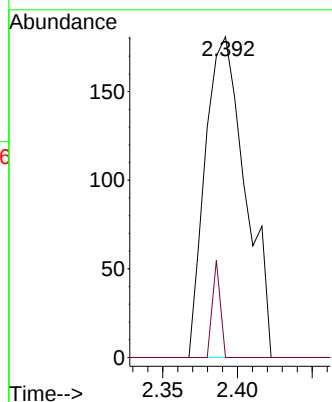
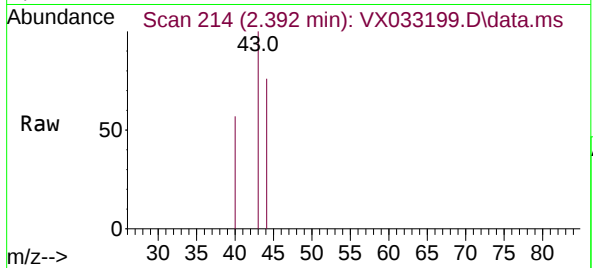




#16
Acetone
Concen: 0.720 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX033199.D
Acq: 02 Dec 2022 20:25

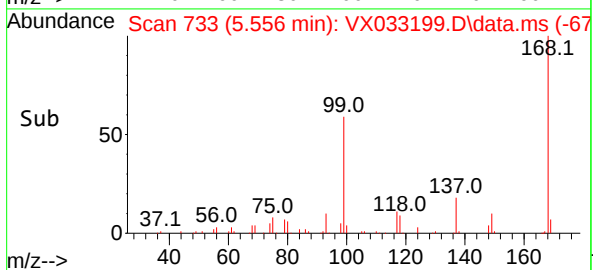
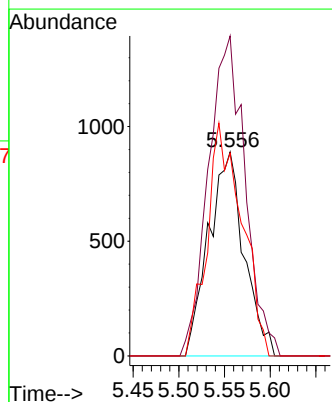
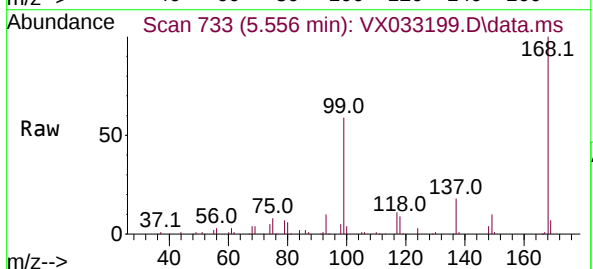
Instrument :
MSVOA_X
ClientSampleId :
LEA-13S

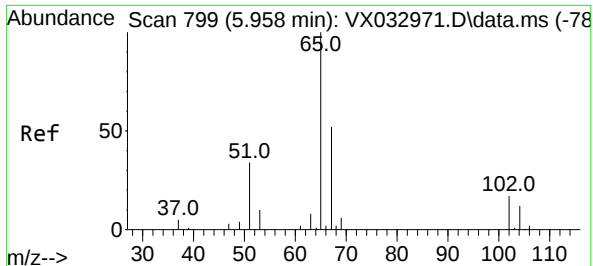
Tgt Ion: 43 Resp: 338
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#31
Cyclohexane
Concen: 1.474 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.086 min
Lab File: VX033199.D
Acq: 02 Dec 2022 20:25

Tgt Ion: 56 Resp: 2401
Ion Ratio Lower Upper
56 100
69 156.9 24.1 36.1#
84 99.4 66.9 100.3





#33

1,2-Dichloroethane-d4

Concen: 57.091 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033199.D

Acq: 02 Dec 2022 20:25

Instrument :

MSVOA_X

ClientSampleId :

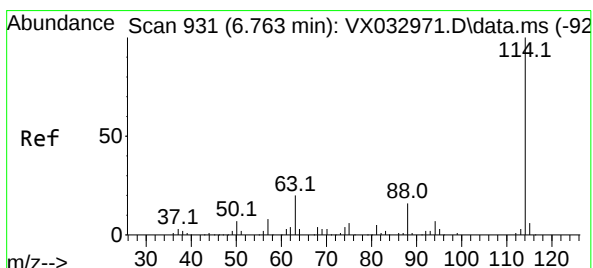
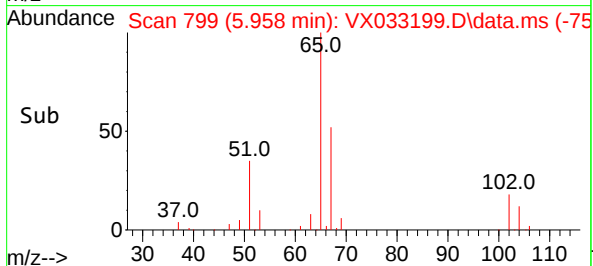
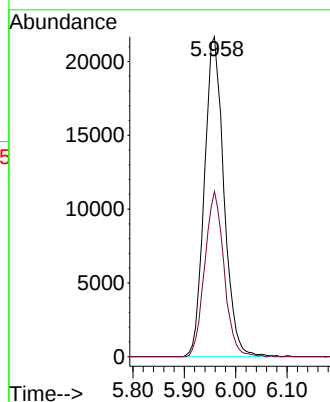
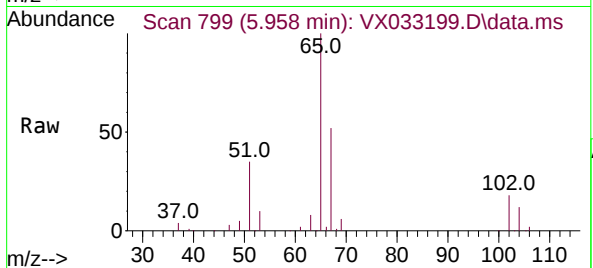
LEA-13S

Tgt Ion: 65 Resp: 57156

Ion Ratio Lower Upper

65 100

67 51.2 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: VX033199.D

Acq: 02 Dec 2022 20:25

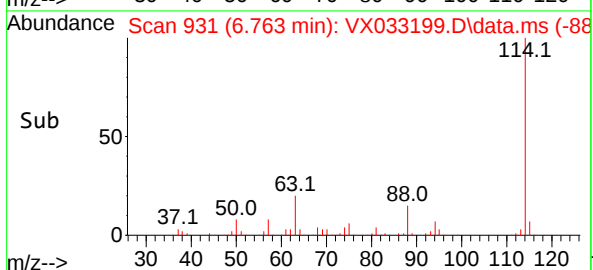
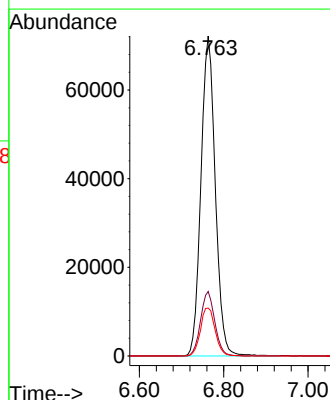
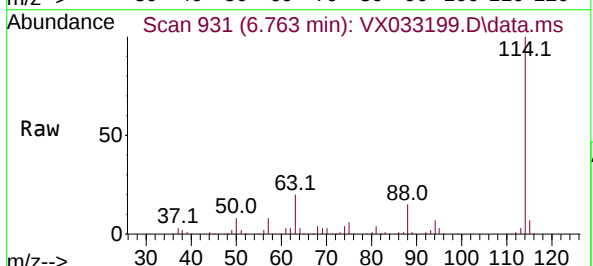
Tgt Ion: 114 Resp: 171271

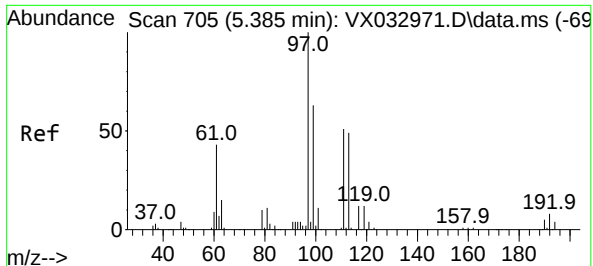
Ion Ratio Lower Upper

114 100

63 20.2 0.0 41.6

88 14.9 0.0 33.4





#35

Dibromofluoromethane

Concen: 47.419 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX033199.D

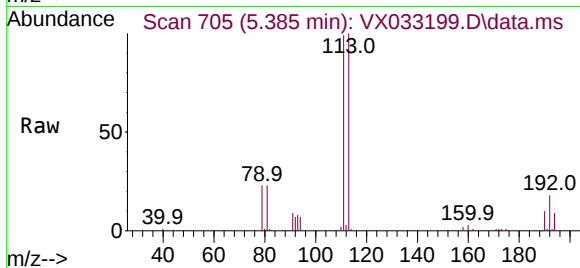
Acq: 02 Dec 2022 20:25

Instrument :

MSVOA_X

ClientSampleId :

LEA-13S



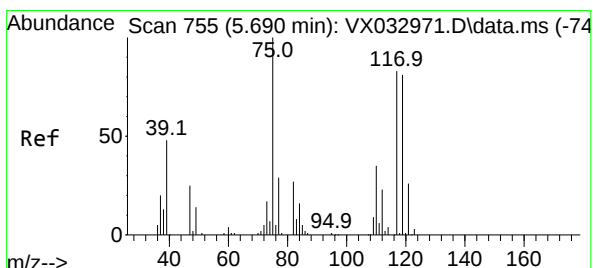
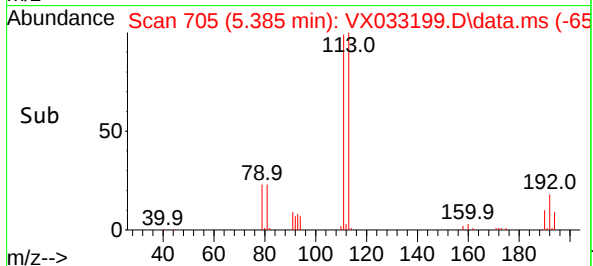
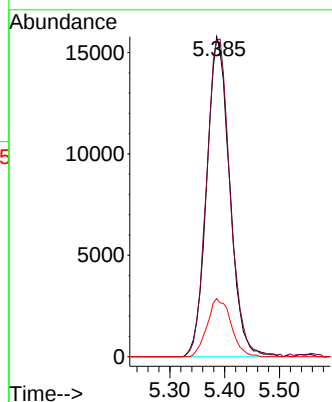
Tgt Ion:113 Resp: 45786

Ion Ratio Lower Upper

113 100

111 102.0 82.4 123.6

192 18.9 15.4 23.2



#36

1,1-Dichloropropene

Concen: 5.225 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX033199.D

Acq: 02 Dec 2022 20:25

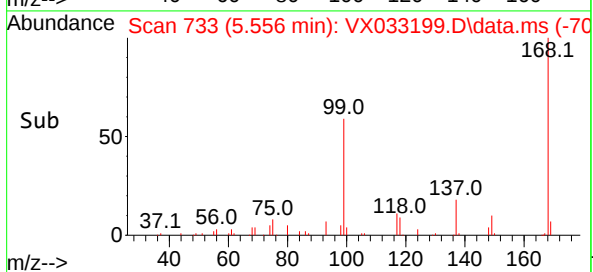
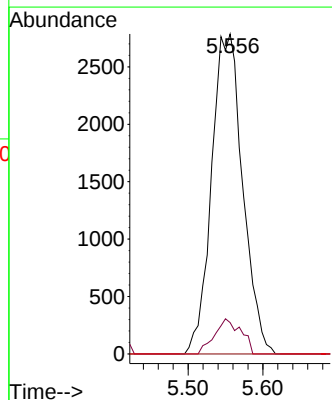
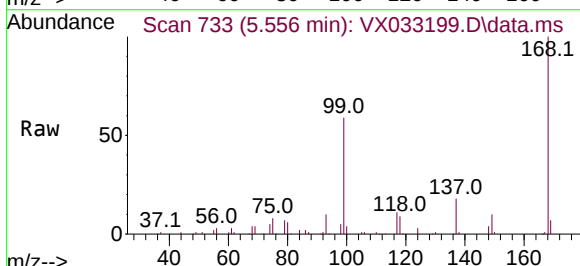
Tgt Ion: 75 Resp: 8067

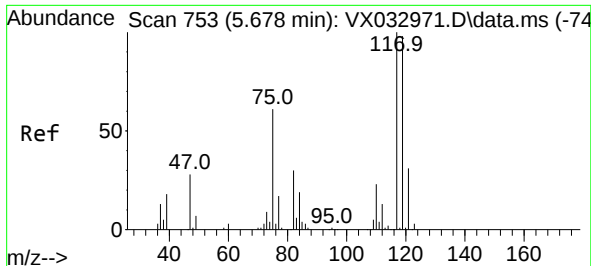
Ion Ratio Lower Upper

75 100

110 9.3 18.4 55.2#

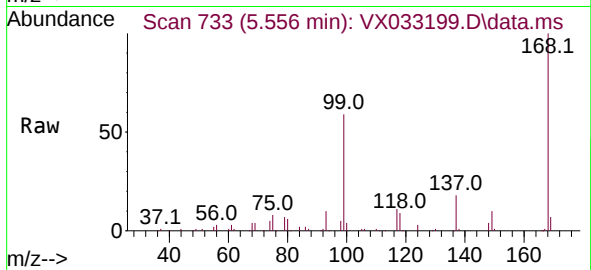
77 0.0 24.5 36.7#



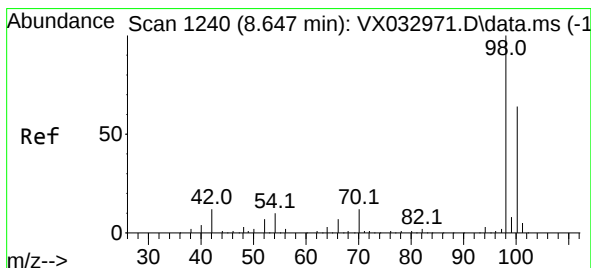
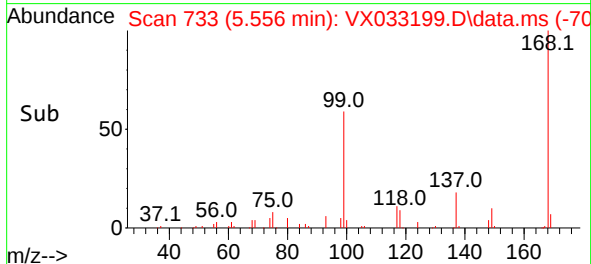
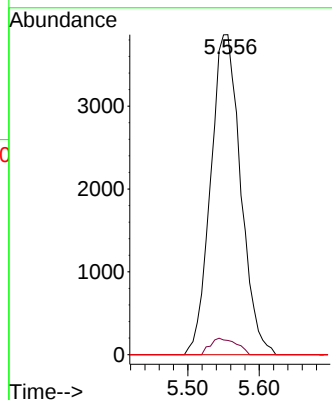


#38
Carbon Tetrachloride
Concen: 6.578 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX033199.D
Acq: 02 Dec 2022 20:25

Instrument :
MSVOA_X
ClientSampleId :
LEA-13S

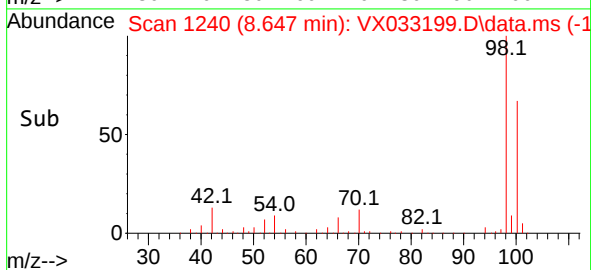
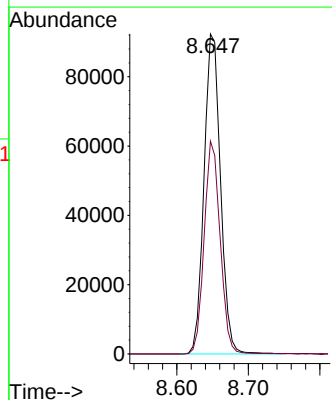
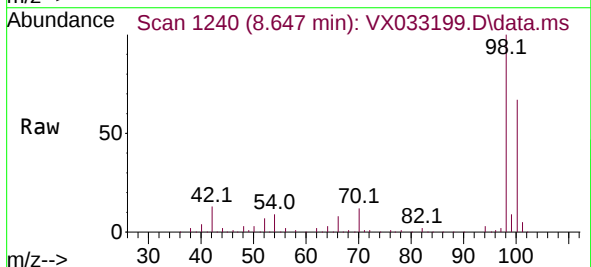


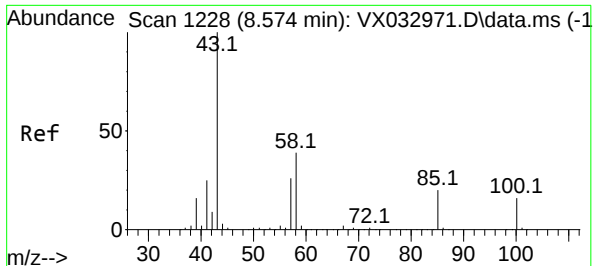
Tgt Ion:117 Resp: 11267
Ion Ratio Lower Upper
117 100
119 4.4 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 51.006 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033199.D
Acq: 02 Dec 2022 20:25

Tgt Ion: 98 Resp: 148055
Ion Ratio Lower Upper
98 100
100 64.4 50.9 76.3

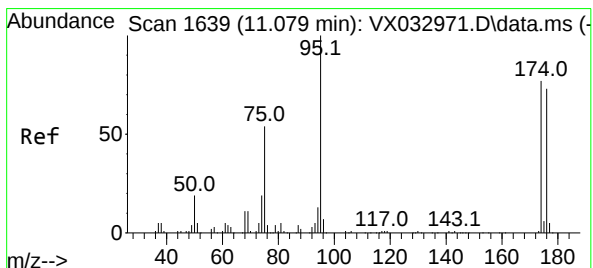
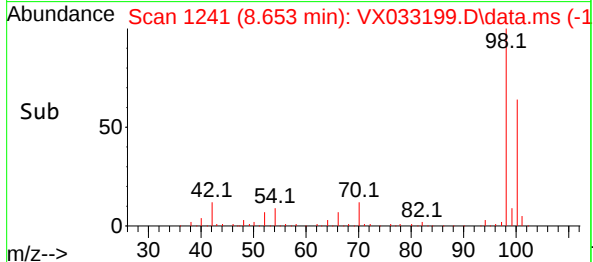
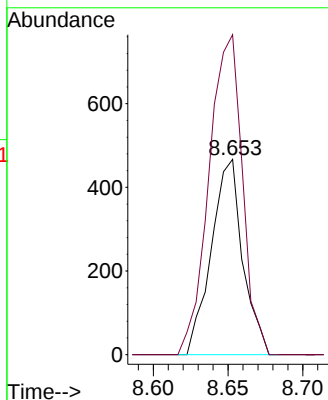
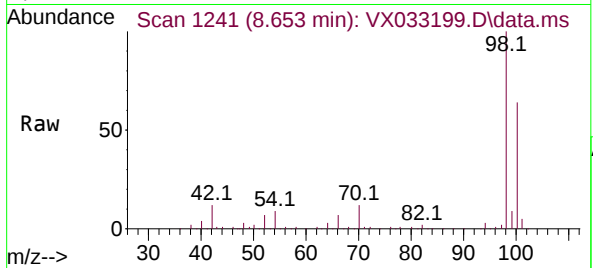




#51
4-Methyl-2-Pentanone
Concen: 0.496 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX033199.D
Acq: 02 Dec 2022 20:25

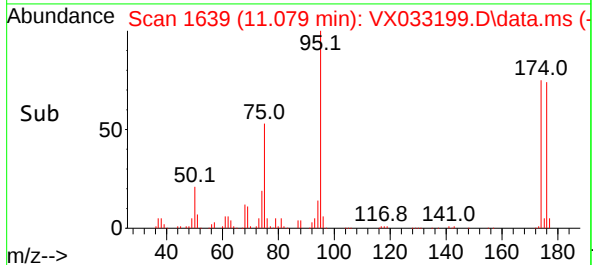
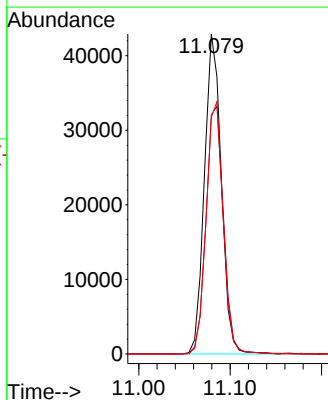
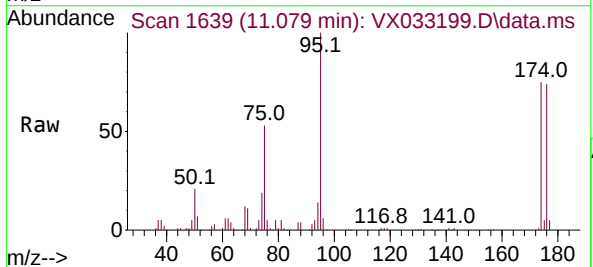
Instrument :
MSVOA_X
ClientSampleId :
LEA-13S

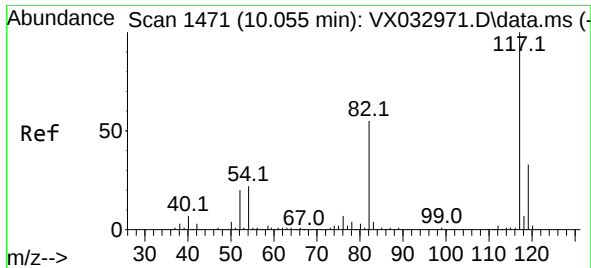
Tgt Ion: 43 Resp: 682
Ion Ratio Lower Upper
43 100
58 174.0 30.9 46.3#



#62
4-Bromofluorobenzene
Concen: 43.278 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033199.D
Acq: 02 Dec 2022 20:25

Tgt Ion: 95 Resp: 54892
Ion Ratio Lower Upper
95 100
174 80.3 0.0 164.0
176 79.3 0.0 154.4

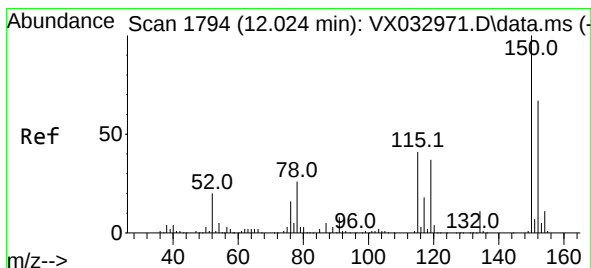
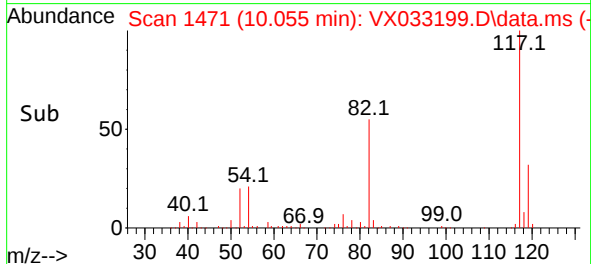
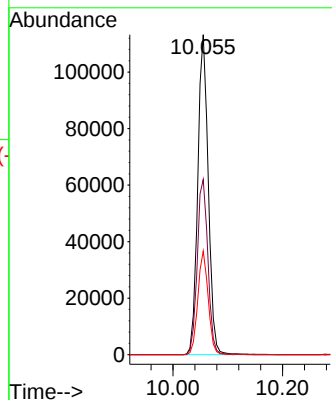
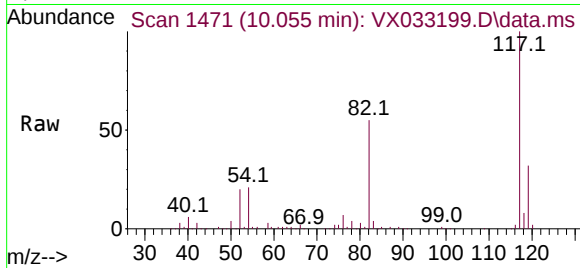




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033199.D
Acq: 02 Dec 2022 20:25

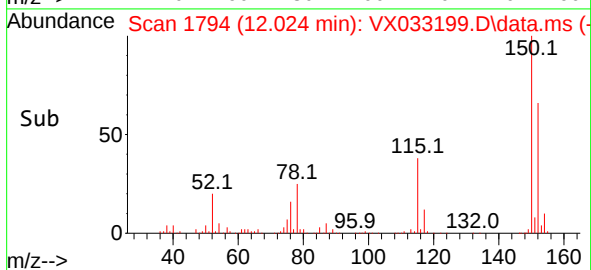
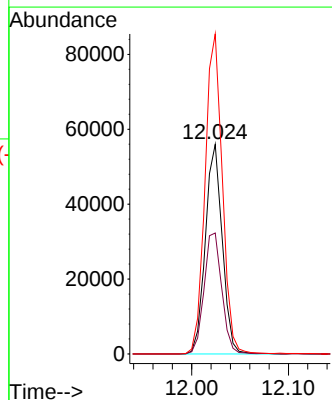
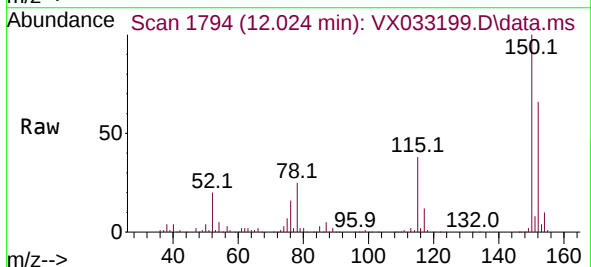
Instrument :
MSVOA_X
ClientSampleId :
LEA-13S

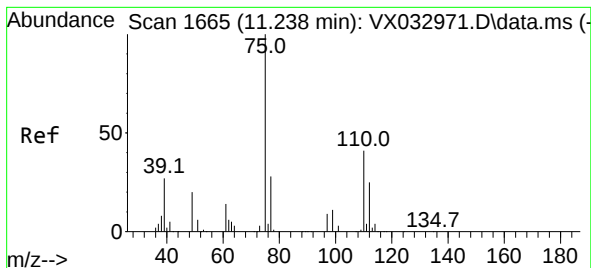
Tgt Ion:117 Resp: 151784
Ion Ratio Lower Upper
117 100
82 54.7 44.3 66.5
119 32.4 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033199.D
Acq: 02 Dec 2022 20:25

Tgt Ion:152 Resp: 68224
Ion Ratio Lower Upper
152 100
115 60.6 44.0 132.0
150 155.6 0.0 351.8





#76

1,2,3-Trichloropropane

Concen: 22.717 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.165 min

Lab File: VX033199.D

Acq: 02 Dec 2022 20:25

Instrument :

MSVOA_X

ClientSampleId :

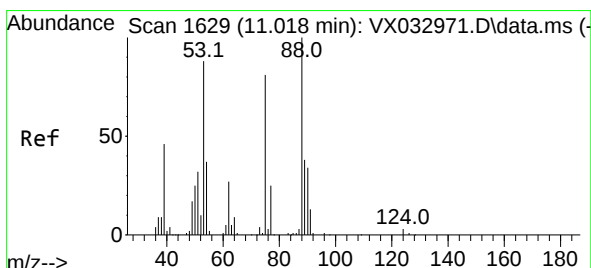
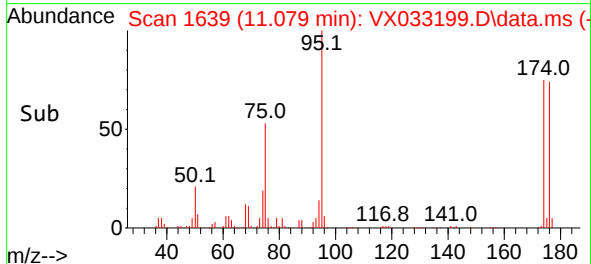
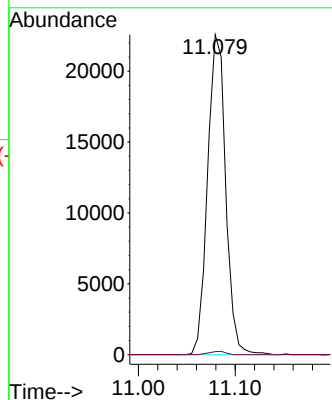
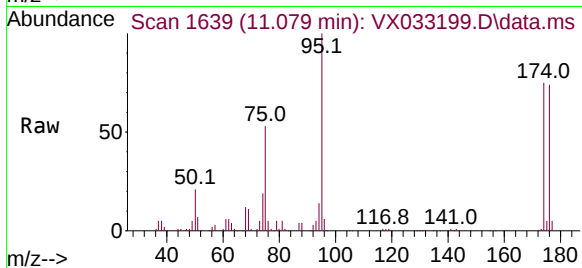
LEA-13S

Tgt Ion: 75 Resp: 29352

Ion Ratio Lower Upper

75 100

77 1.0 20.0 60.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 73.842 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX033199.D

Acq: 02 Dec 2022 20:25

Tgt Ion: 75 Resp: 29352

Ion Ratio Lower Upper

75 100

53 0.0 86.9 130.3#

89 0.0 38.3 57.5#

