

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102623\
 Data File : VX038526.D
 Acq On : 26 Oct 2023 18:29
 Operator : JC/MD
 Sample : 05097-02 400X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LEA-7i

Quant Time: Oct 27 05:21:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

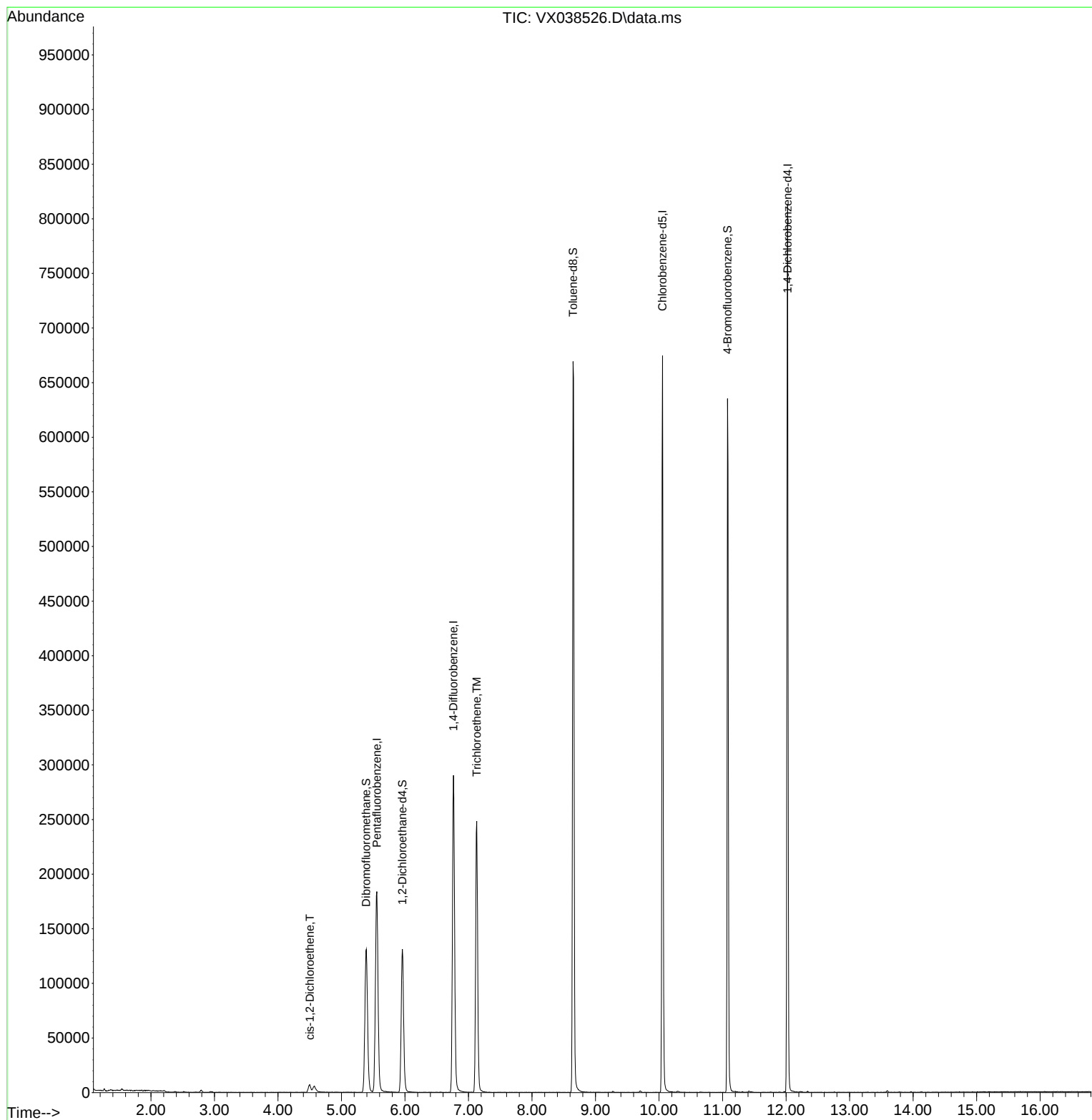
Internal Standards						
1) Pentafluorobenzene	5.556	168	183656	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	312629	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	317541	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	176730	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	126886	42.954	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	85.900%
35) Dibromofluoromethane	5.385	113	114927	51.018	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.040%
50) Toluene-d8	8.647	98	420249	48.820	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.640%
62) 4-Bromofluorobenzene	11.079	95	164251	50.331	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.660%
Target Compounds						
27) cis-1,2-Dichloroethene	4.501	96	4828	1.949	ug/l	80
44) Trichloroethene	7.129	130	100135	44.064	ug/l	89

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

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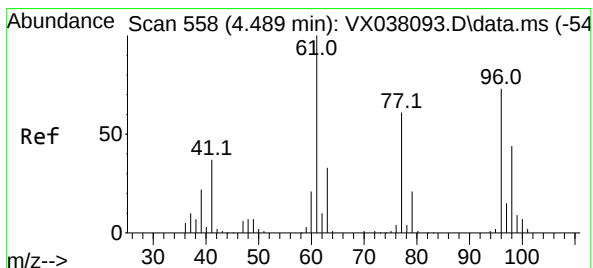
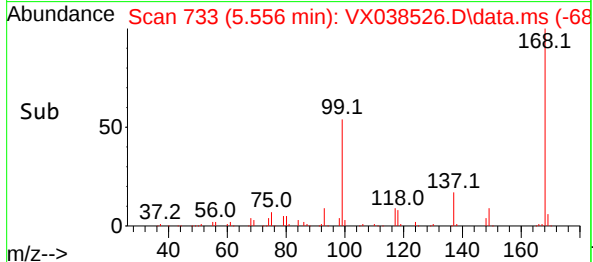
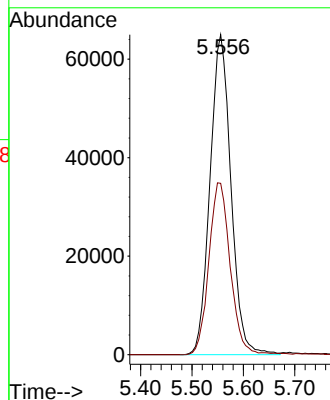
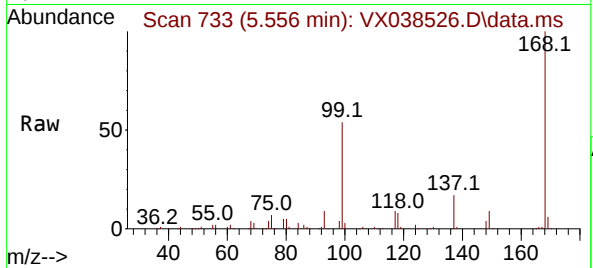




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038526.D
Acq: 26 Oct 2023 18:29

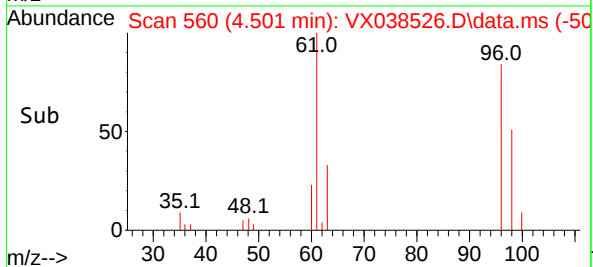
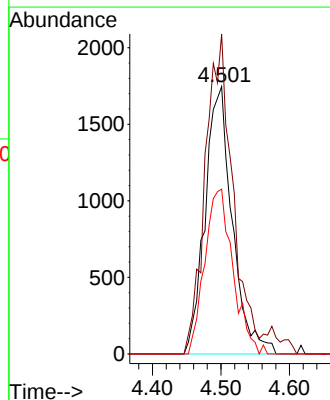
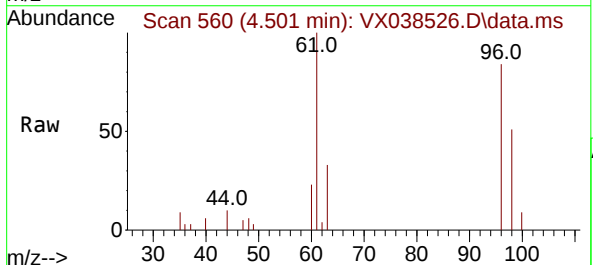
Instrument :
MSVOA_X
ClientSampleId :
LEA-7i

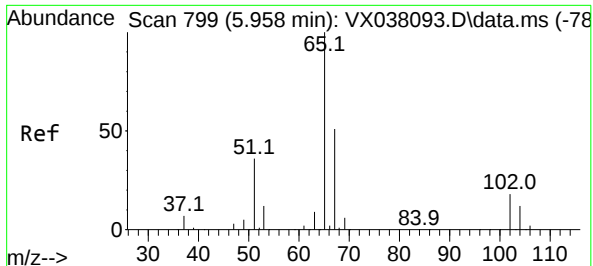
Tgt Ion:168 Resp: 183656
Ion Ratio Lower Upper
168 100
99 53.6 56.6 85.0#



#27
cis-1,2-Dichloroethene
Concen: 1.949 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.012 min
Lab File: VX038526.D
Acq: 26 Oct 2023 18:29

Tgt Ion: 96 Resp: 4828
Ion Ratio Lower Upper
96 100
61 119.4 0.0 312.2
98 63.7 0.0 129.0





#33

1,2-Dichloroethane-d4

Concen: 42.954 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038526.D

Acq: 26 Oct 2023 18:29

Instrument :

MSVOA_X

ClientSampleId :

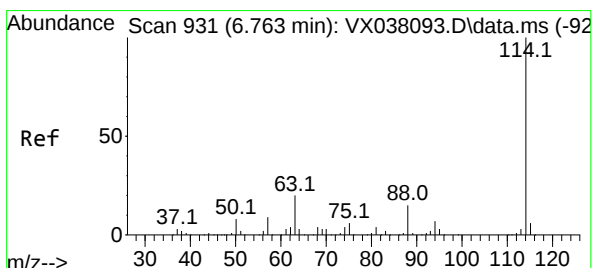
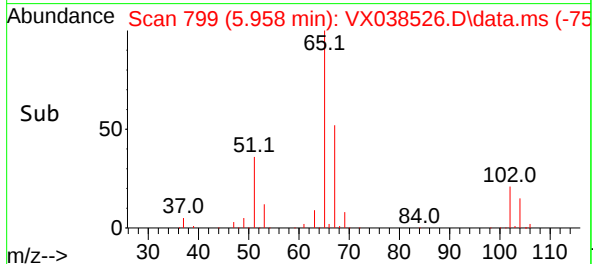
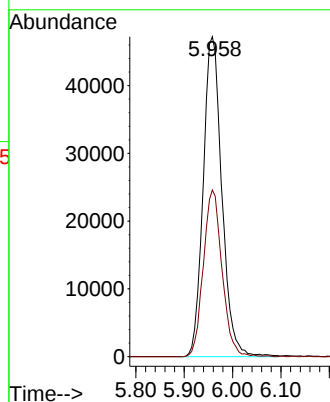
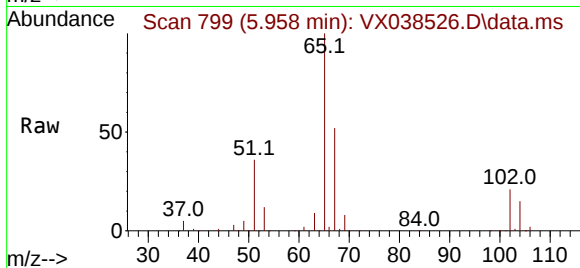
LEA-7i

Tgt Ion: 65 Resp: 126886

Ion Ratio Lower Upper

65 100

67 52.2 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX038526.D

Acq: 26 Oct 2023 18:29

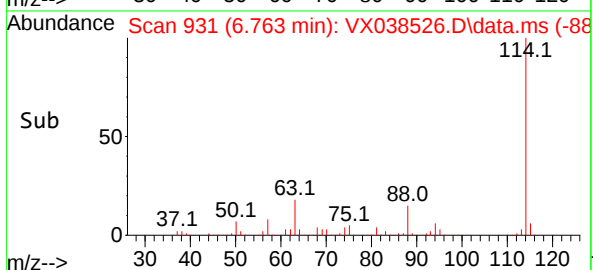
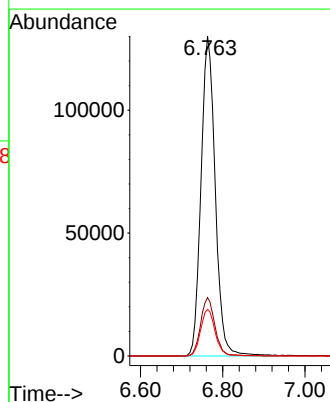
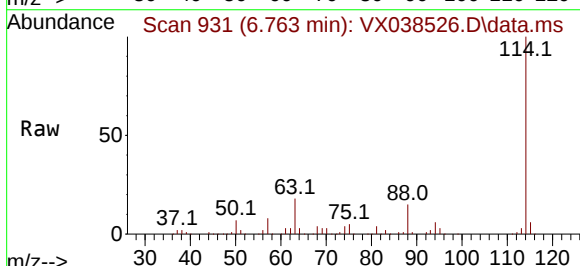
Tgt Ion: 114 Resp: 312629

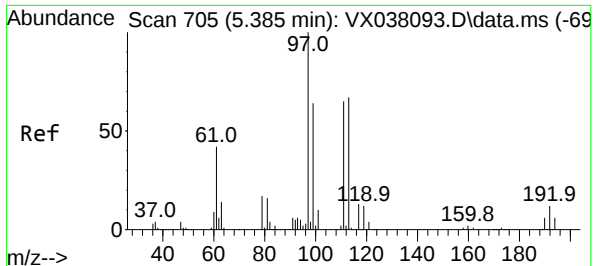
Ion Ratio Lower Upper

114 100

63 18.2 0.0 45.0

88 14.6 0.0 36.6





#35

Dibromofluoromethane

Concen: 51.018 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX038526.D

Acq: 26 Oct 2023 18:29

Instrument :

MSVOA_X

ClientSampleId :

LEA-7i

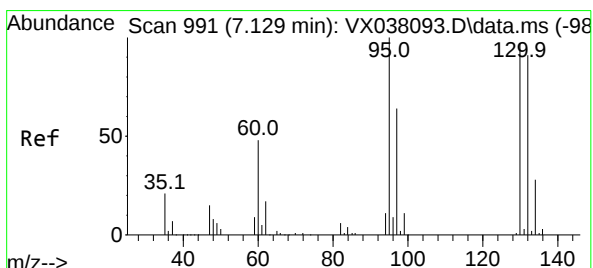
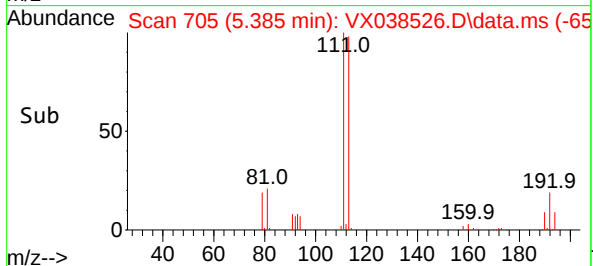
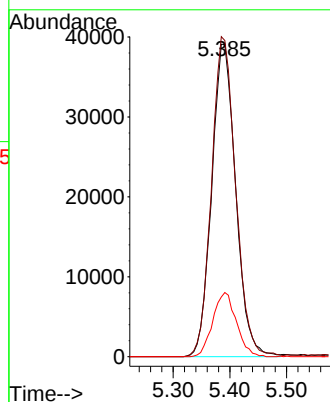
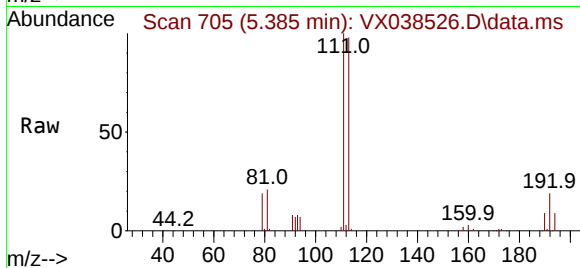
Tgt Ion:113 Resp: 114927

Ion Ratio Lower Upper

113 100

111 102.7 82.9 124.3

192 20.2 13.3 19.9#



#44

Trichloroethene

Concen: 44.064 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX038526.D

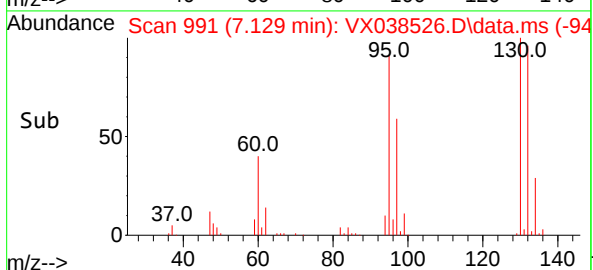
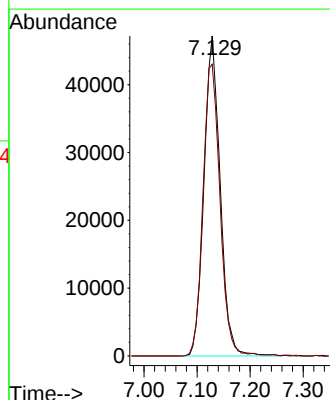
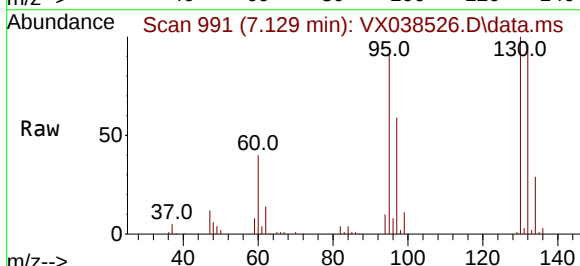
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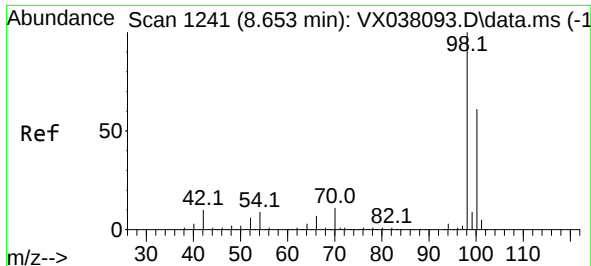
Tgt Ion:130 Resp: 100135

Ion Ratio Lower Upper

130 100

95 91.1 0.0 204.4

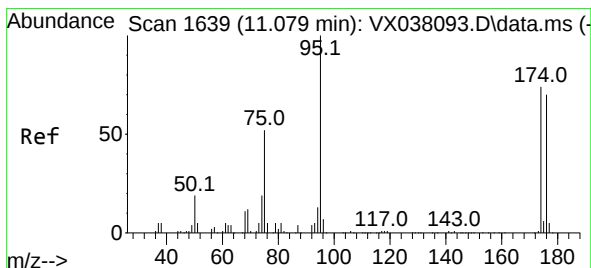
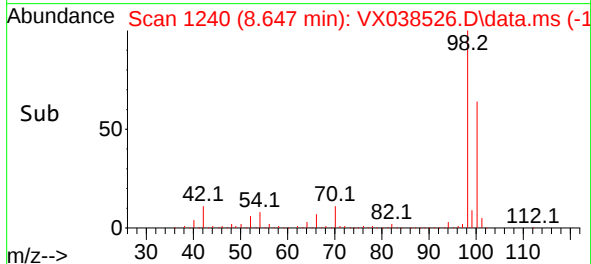
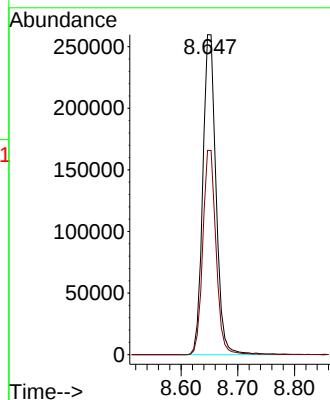
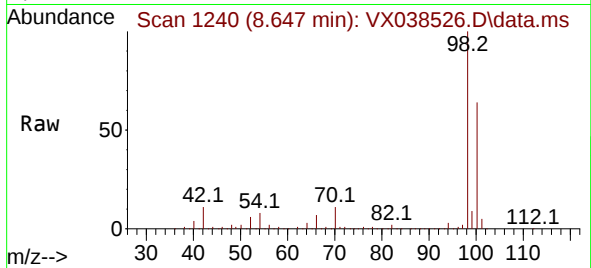




#50
Toluene-d8
Concen: 48.820 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038526.D
Acq: 26 Oct 2023 18:29

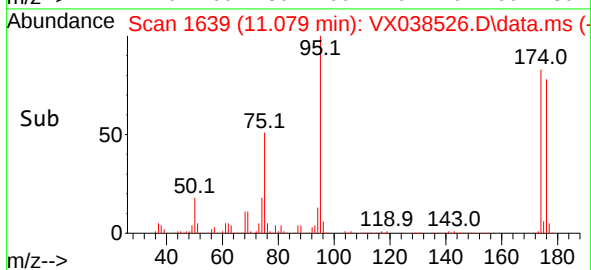
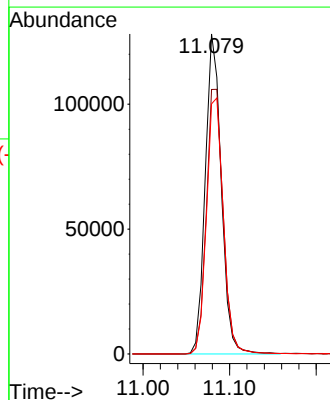
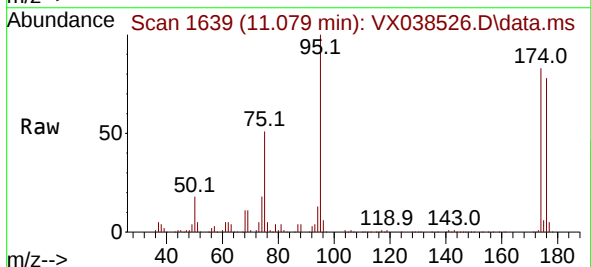
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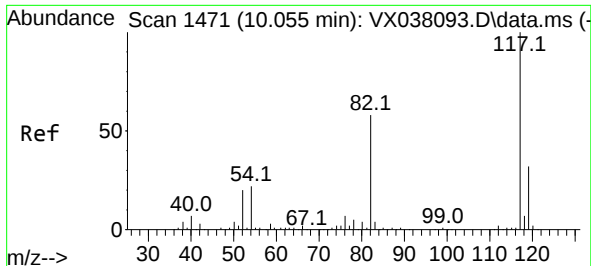
Tgt Ion: 98 Resp: 420249
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 50.331 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038526.D
Acq: 26 Oct 2023 18:29

Tgt Ion: 95 Resp: 164251
Ion Ratio Lower Upper
95 100
174 87.7 0.0 135.6
176 84.7 0.0 131.0

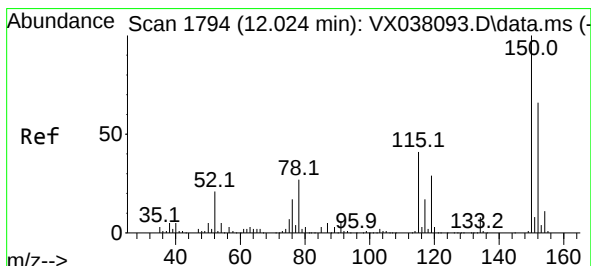
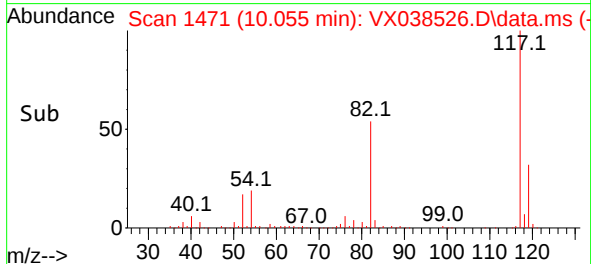
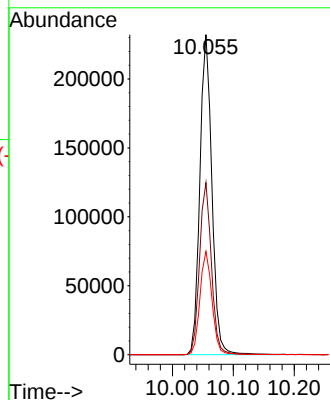
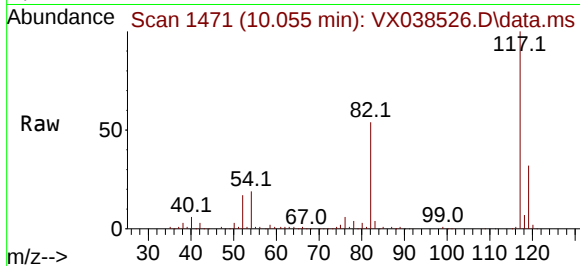




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038526.D
Acq: 26 Oct 2023 18:29

Instrument :
MSVOA_X
ClientSampleId :
LEA-7i

Tgt Ion:117 Resp: 317541
Ion Ratio Lower Upper
117 100
82 53.8 46.2 69.4
119 32.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038526.D
Acq: 26 Oct 2023 18:29

Tgt Ion:152 Resp: 176730
Ion Ratio Lower Upper
152 100
115 57.5 43.3 129.9
150 155.7 0.0 345.0

