

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120122\
 Data File : VX033169.D
 Acq On : 01 Dec 2022 17:27
 Operator : JC/MD
 Sample : N5821-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LEA-8I

Quant Time: Dec 02 00:54:05 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)

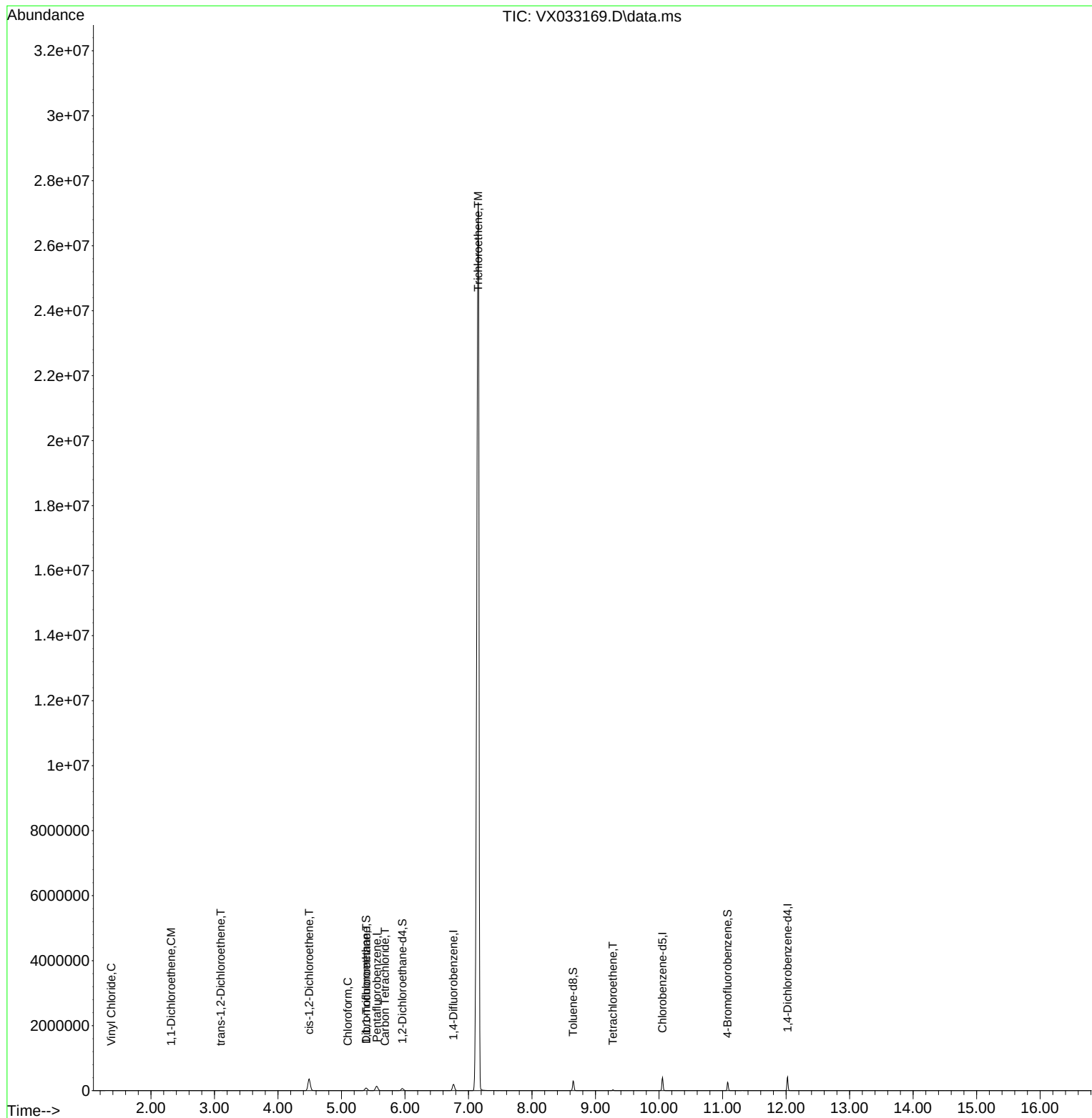
Internal Standards						
1) Pentafluorobenzene	5.556	168	126695	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	204609	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	181610	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85389	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	68061	55.309	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	110.620%
35) Dibromofluoromethane	5.385	113	54651	47.378	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.760%
50) Toluene-d8	8.647	98	178501	51.495	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.000%
62) 4-Bromofluorobenzene	11.079	95	67851	44.779	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.560%
Target Compounds						
						Qvalue
4) Vinyl Chloride	1.374	62	1377	1.184	ug/l #	70
12) 1,1-Dichloroethene	2.319	96	843	0.762	ug/l	99
21) trans-1,2-Dichloroethene	3.099	96	1483	1.173	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	225261	156.763	ug/l	91
30) Chloroform	5.099	83	1600	0.642	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	18000	8.069	ug/l	98
38) Carbon Tetrachloride	5.684	117	909	0.444	ug/l #	76
44) Trichloroethene	7.153	130	12497301	8612.220	ug/l	97
64) Tetrachloroethene	9.275	164	4139	3.220	ug/l	94

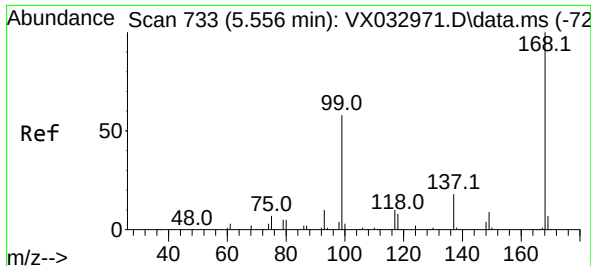
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

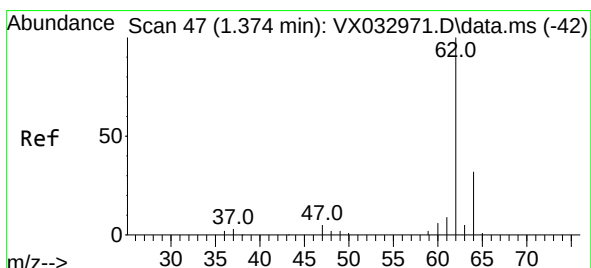
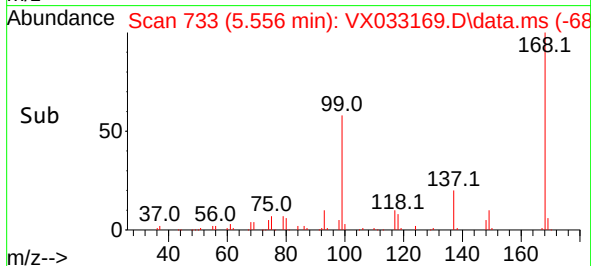
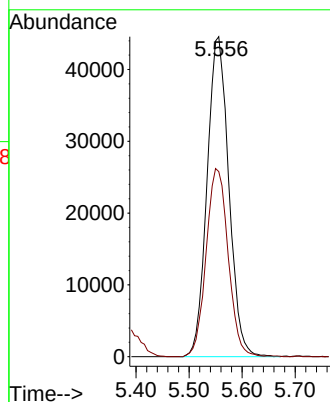
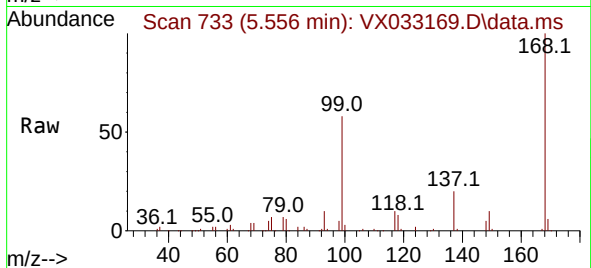




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033169.D
Acq: 01 Dec 2022 17:27

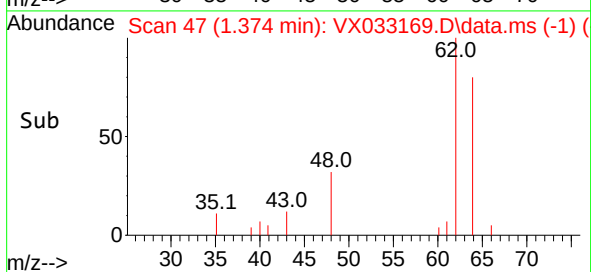
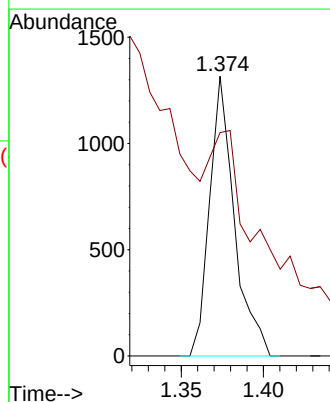
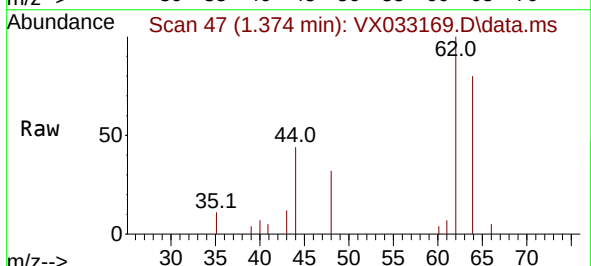
Instrument :
MSVOA_X
ClientSampleId :
LEA-8I

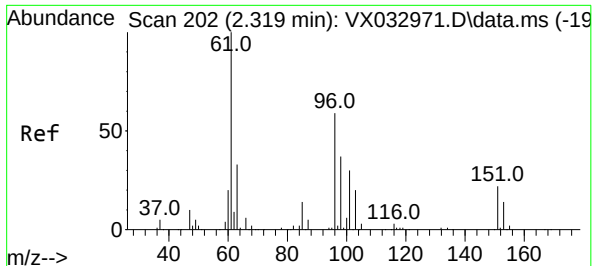
Tgt Ion:168 Resp: 126695
Ion Ratio Lower Upper
168 100
99 57.9 46.1 69.1



#4
Vinyl Chloride
Concen: 1.184 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX033169.D
Acq: 01 Dec 2022 17:27

Tgt Ion: 62 Resp: 1377
Ion Ratio Lower Upper
62 100
64 48.9 25.8 38.6#





#12

1,1-Dichloroethene

Concen: 0.762 ug/l

RT: 2.319 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX033169.D

Acq: 01 Dec 2022 17:27

Instrument :

MSVOA_X

ClientSampleId :

LEA-8I

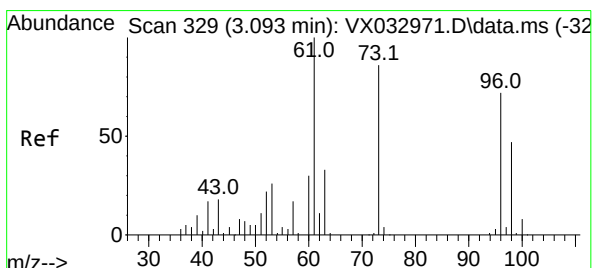
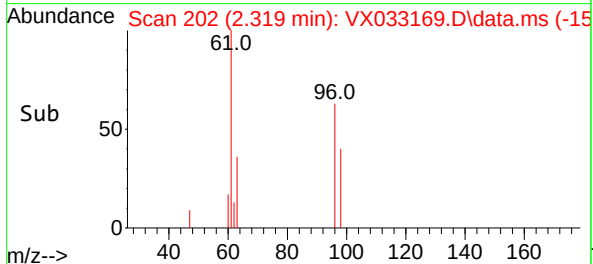
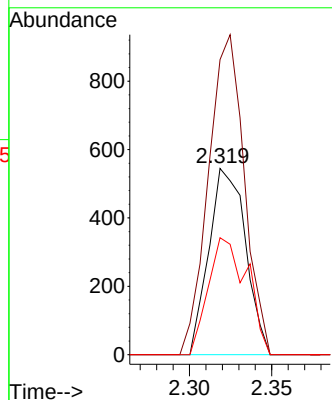
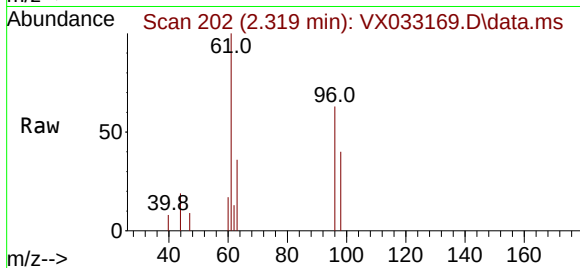
Tgt Ion: 96 Resp: 843

Ion Ratio Lower Upper

96 100

61 158.3 125.1 187.7

98 62.8 50.6 76.0



#21

trans-1,2-Dichloroethene

Concen: 1.173 ug/l

RT: 3.099 min Scan# 330

Delta R.T. 0.006 min

Lab File: VX033169.D

Acq: 01 Dec 2022 17:27

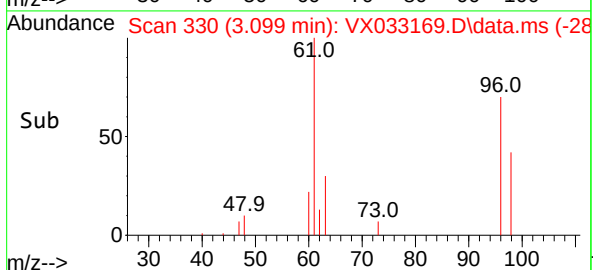
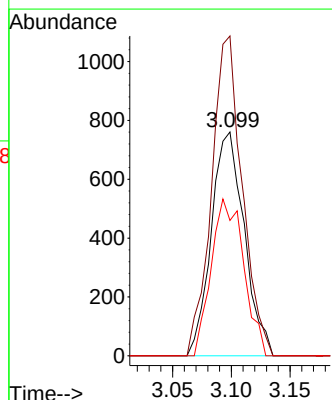
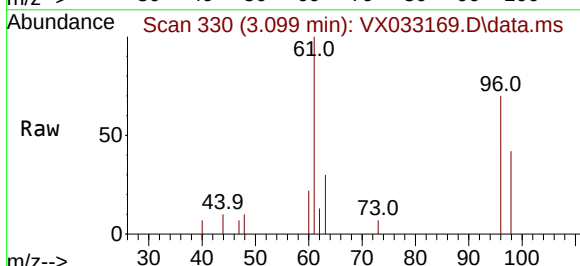
Tgt Ion: 96 Resp: 1483

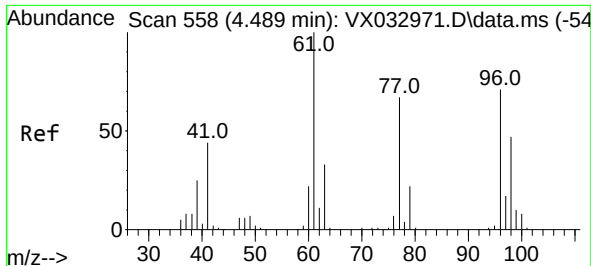
Ion Ratio Lower Upper

96 100

61 142.8 106.6 160.0

98 60.4 51.0 76.6



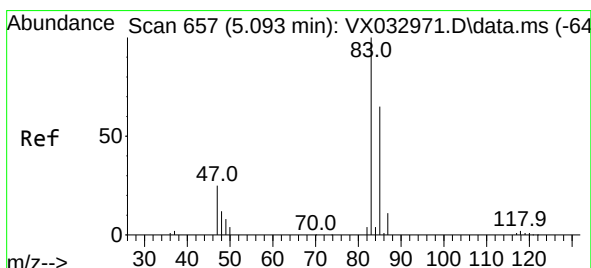
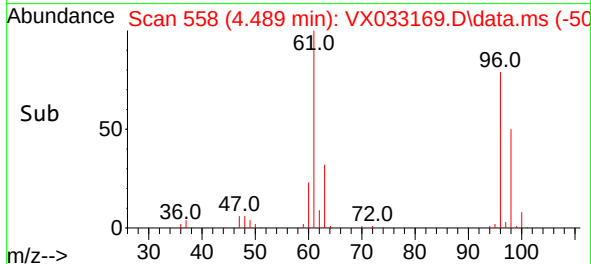
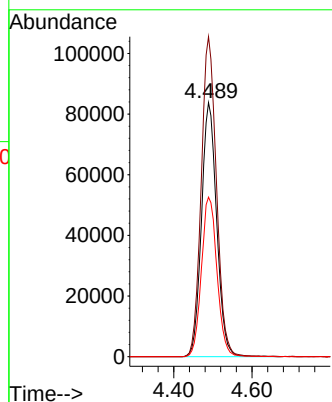
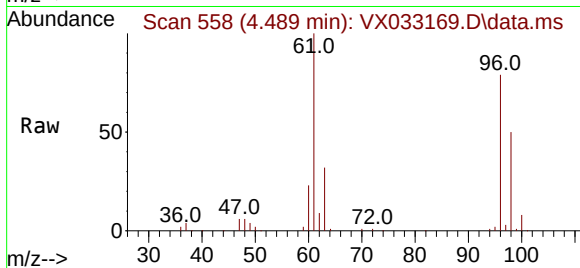


#27
 cis-1,2-Dichloroethene
 Concen: 156.763 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VX033169.D
 Acq: 01 Dec 2022 17:27

Instrument :
 MSVOA_X
 ClientSampleId :
 LEA-8I

Tgt Ion: 96 Resp: 225261

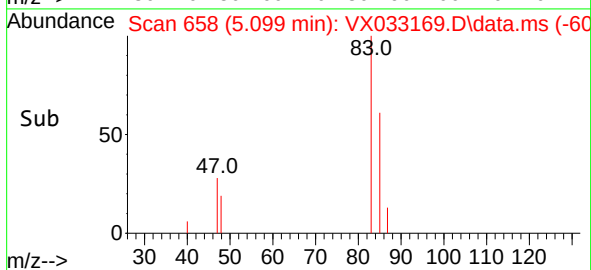
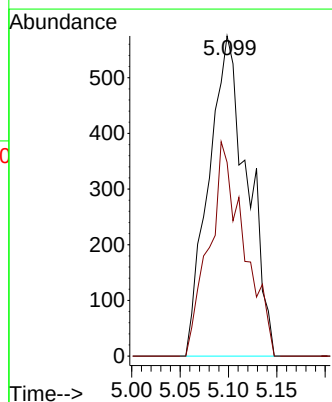
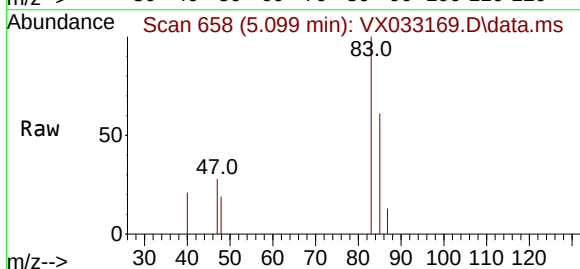
Ion	Ratio	Lower	Upper
96	100		
61	126.4	0.0	286.0
98	64.3	0.0	129.6

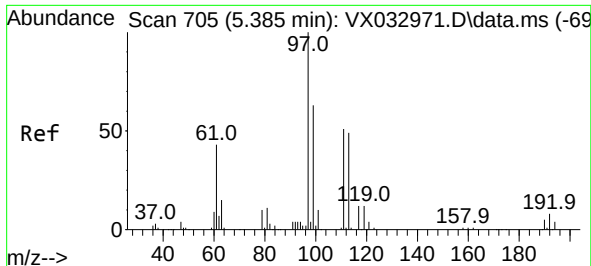


#30
 Chloroform
 Concen: 0.642 ug/l
 RT: 5.099 min Scan# 658
 Delta R.T. -0.000 min
 Lab File: VX033169.D
 Acq: 01 Dec 2022 17:27

Tgt Ion: 83 Resp: 1600

Ion	Ratio	Lower	Upper
83	100		
85	60.5	51.1	76.7

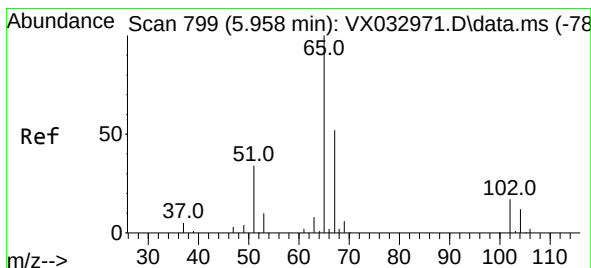
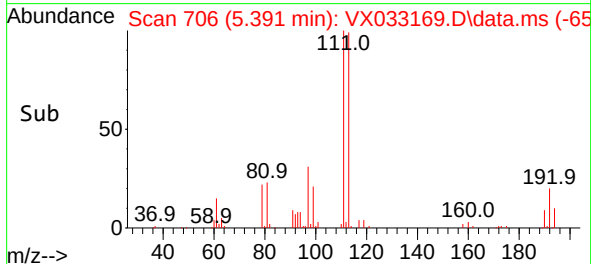
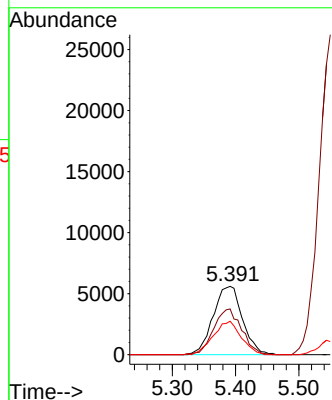
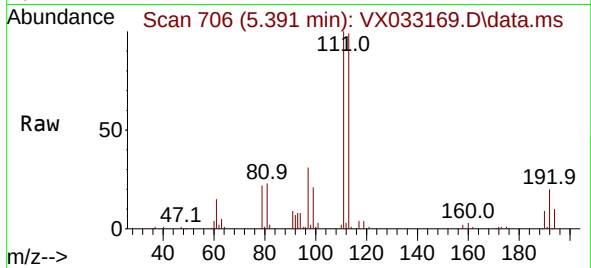




#32
1,1,1-Trichloroethane
Concen: 8.069 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX033169.D
Acq: 01 Dec 2022 17:27

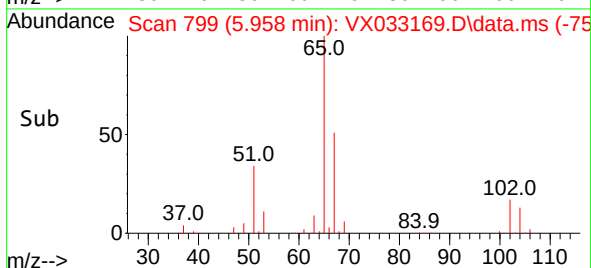
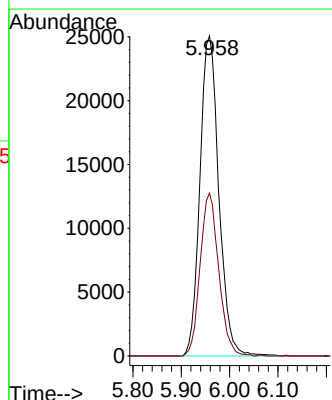
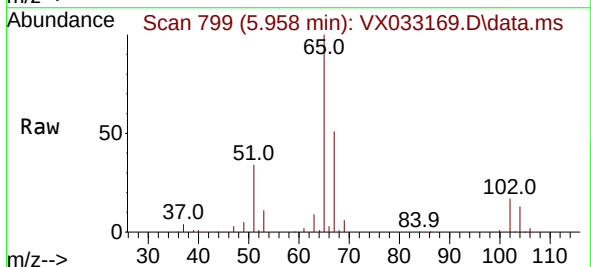
Instrument :
MSVOA_X
ClientSampleId :
LEA-8I

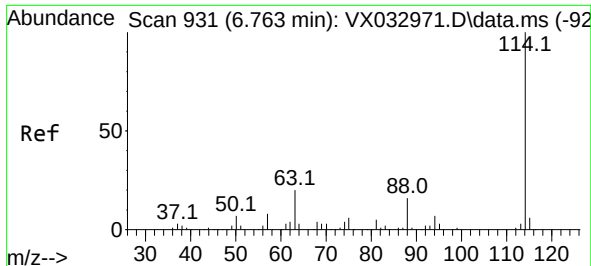
Tgt Ion: 97 Resp: 18000
Ion Ratio Lower Upper
97 100
99 63.6 51.4 77.0
61 46.6 35.2 52.8



#33
1,2-Dichloroethane-d4
Concen: 55.309 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033169.D
Acq: 01 Dec 2022 17:27

Tgt Ion: 65 Resp: 68061
Ion Ratio Lower Upper
65 100
67 50.0 0.0 101.8

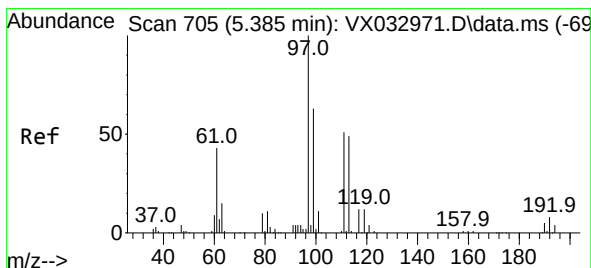
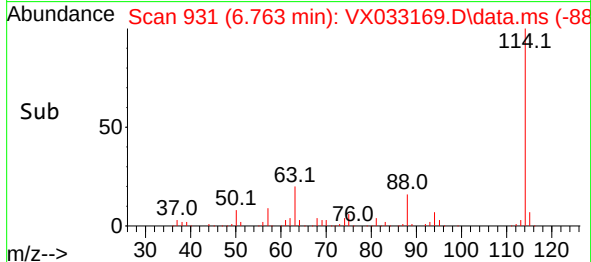
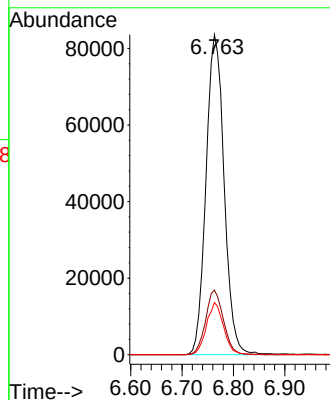
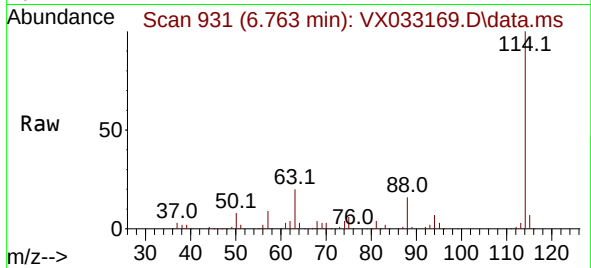




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX033169.D
Acq: 01 Dec 2022 17:27

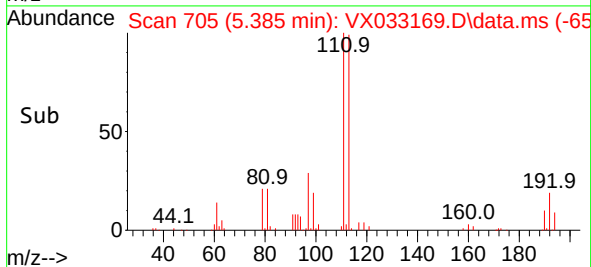
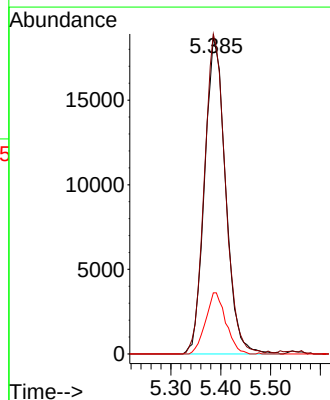
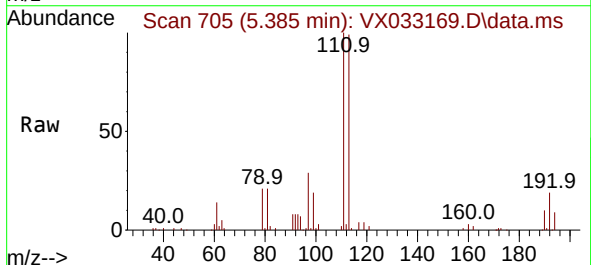
Instrument :
MSVOA_X
ClientSampleId :
LEA-8I

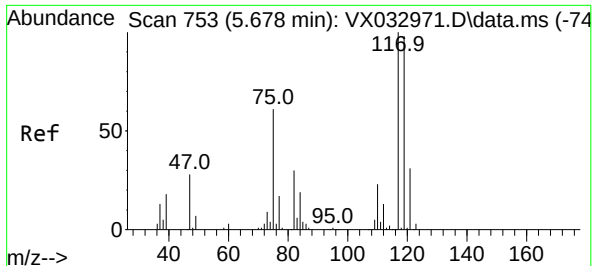
Tgt Ion:114 Resp: 204609
Ion Ratio Lower Upper
114 100
63 20.2 0.0 41.6
88 16.3 0.0 33.4



#35
Dibromofluoromethane
Concen: 47.378 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033169.D
Acq: 01 Dec 2022 17:27

Tgt Ion:113 Resp: 54651
Ion Ratio Lower Upper
113 100
111 101.1 82.4 123.6
192 18.7 15.4 23.2

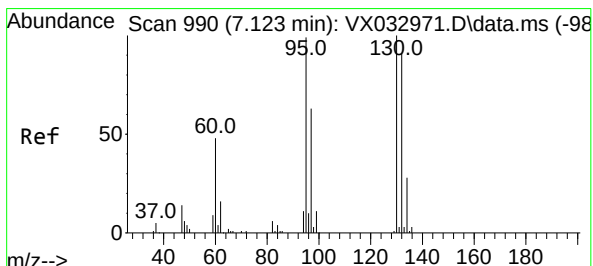
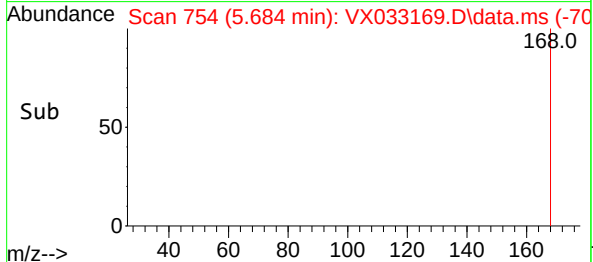
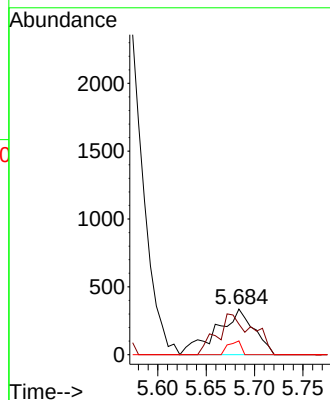
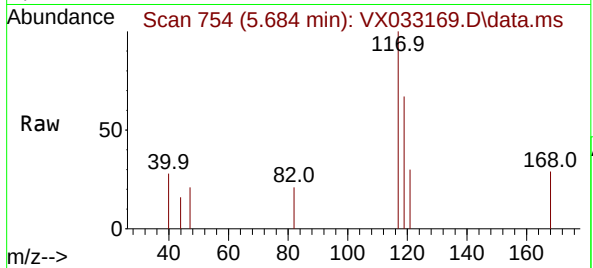




#38
Carbon Tetrachloride
Concen: 0.444 ug/l
RT: 5.684 min Scan# 711
Delta R.T. -0.000 min
Lab File: VX033169.D
Acq: 01 Dec 2022 17:27

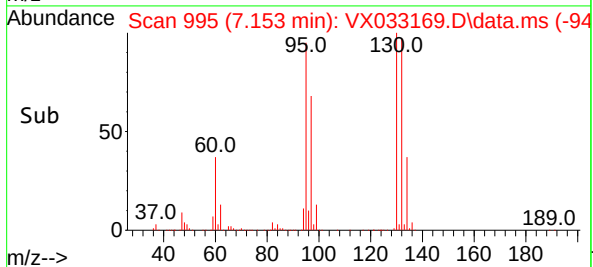
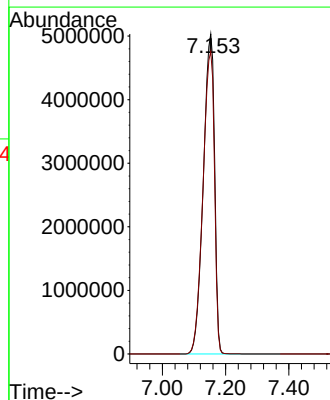
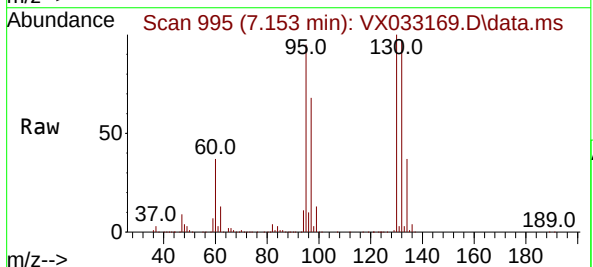
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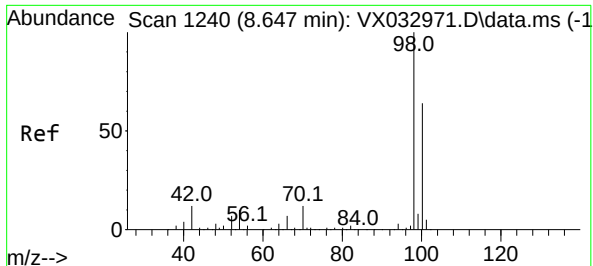
Tgt Ion:117 Resp: 909
Ion Ratio Lower Upper
117 100
119 67.0 77.2 115.8#
121 30.1 25.8 38.6



#44
Trichloroethene
Concen: 8612.220 ug/l
RT: 7.153 min Scan# 995
Delta R.T. 0.024 min
Lab File: VX033169.D
Acq: 01 Dec 2022 17:27

Tgt Ion:130 Resp:12497301
Ion Ratio Lower Upper
130 100
95 94.6 0.0 195.2

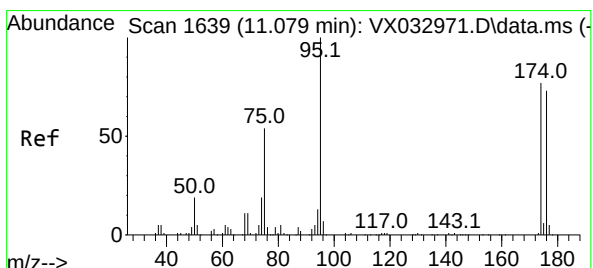
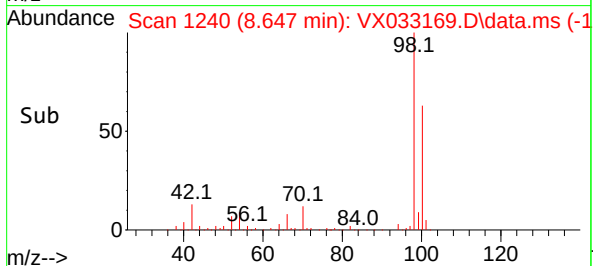
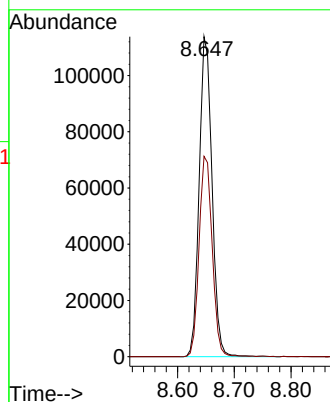
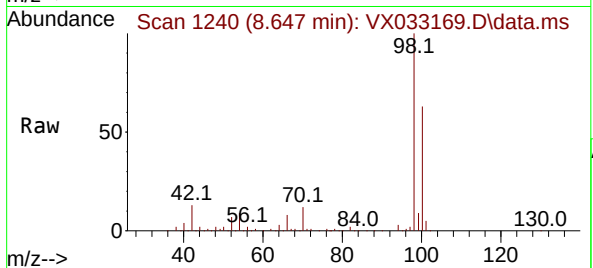




#50
Toluene-d8
Concen: 51.495 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033169.D
Acq: 01 Dec 2022 17:27

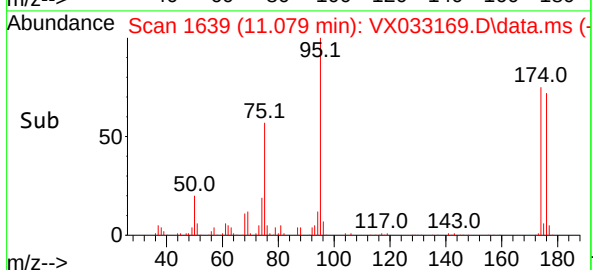
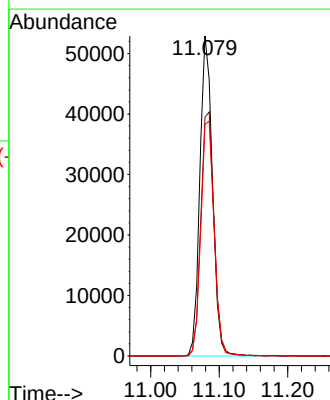
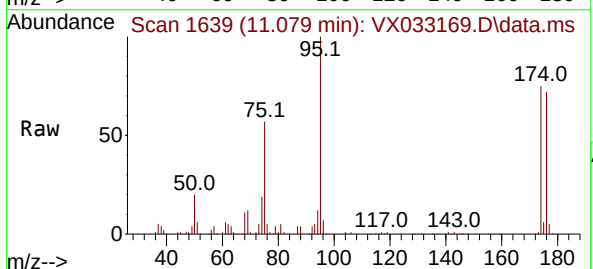
Instrument :
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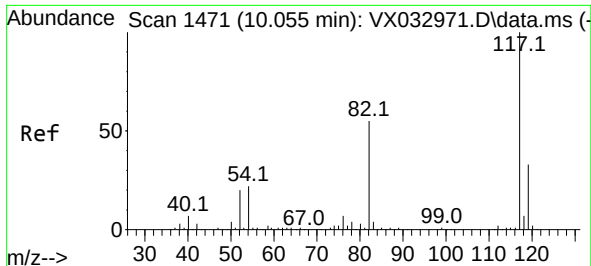
Tgt Ion: 98 Resp: 178501
Ion Ratio Lower Upper
98 100
100 64.1 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 44.779 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033169.D
Acq: 01 Dec 2022 17:27

Tgt Ion: 95 Resp: 67851
Ion Ratio Lower Upper
95 100
174 80.9 0.0 164.0
176 77.0 0.0 154.4

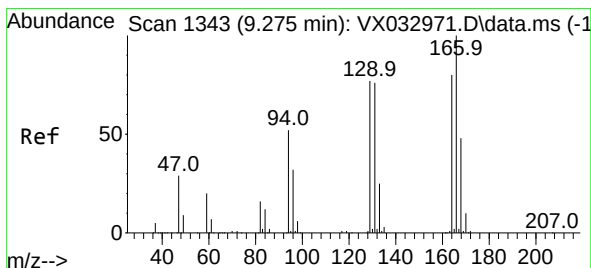
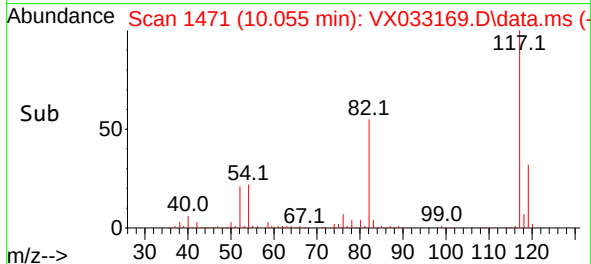
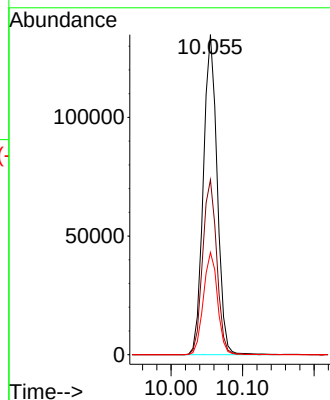
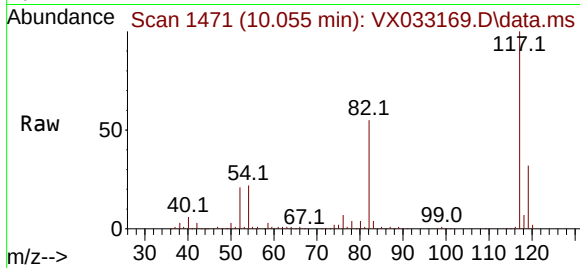




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033169.D
Acq: 01 Dec 2022 17:27

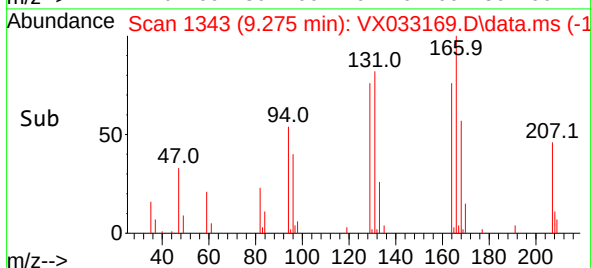
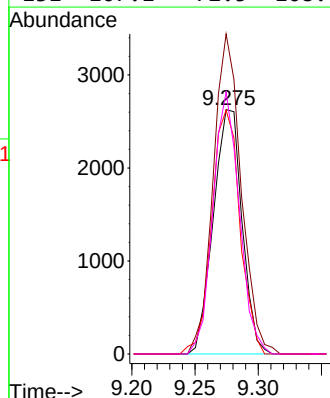
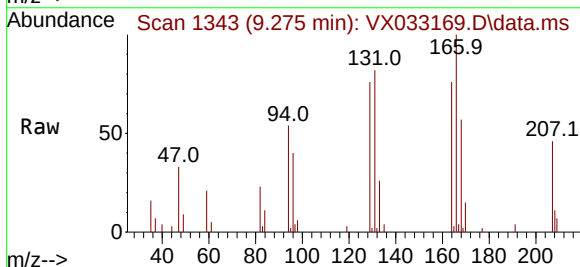
Instrument :
MSVOA_X
ClientSampleId :
LEA-8I

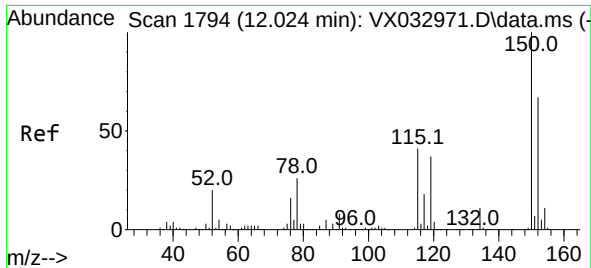
Tgt Ion:117 Resp: 181610
Ion Ratio Lower Upper
117 100
82 54.7 44.3 66.5
119 31.9 25.7 38.5



#64
Tetrachloroethene
Concen: 3.220 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX033169.D
Acq: 01 Dec 2022 17:27

Tgt Ion:164 Resp: 4139
Ion Ratio Lower Upper
164 100
166 130.9 105.4 158.2
129 99.8 78.2 117.2
131 107.1 72.5 108.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX033169.D

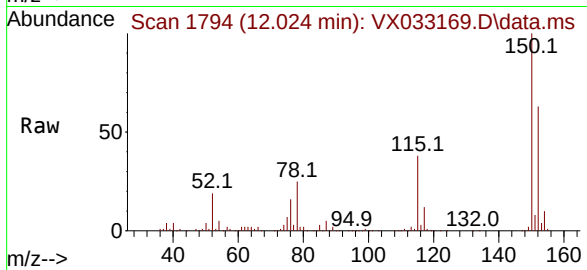
Acq: 01 Dec 2022 17:27

Instrument :

MSVOA_X

ClientSampleId :

LEA-8I



Tgt Ion:152 Resp: 85389

Ion Ratio Lower Upper

152 100

115 61.2 44.0 132.0

150 159.7 0.0 351.8

