

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121322\
 Data File : VX033395.D
 Acq On : 13 Dec 2022 16:17
 Operator : JC/MD
 Sample : N5865-11DL 2000X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-01DL

Quant Time: Dec 14 05:39:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

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

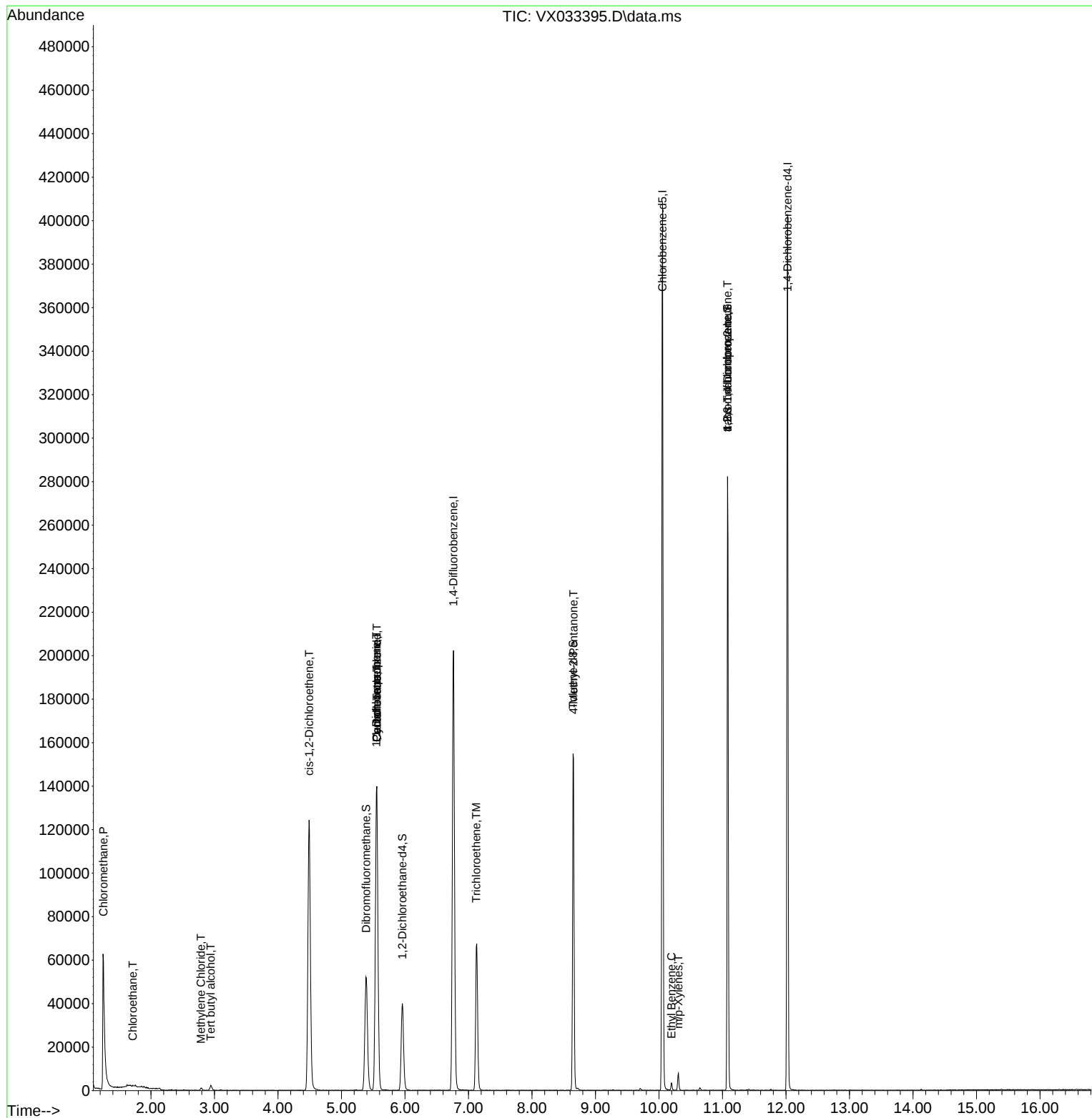
Internal Standards						
1) Pentafluorobenzene	5.556	168	133182	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	212582	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	189817	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86382	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	41401	48.456	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.920%		
35) Dibromofluoromethane	5.385	113	45710	47.806	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.620%		
50) Toluene-d8	8.647	98	94573	47.281	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.560%		
62) 4-Bromofluorobenzene	11.079	95	73053	47.766	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.540%		
Target Compounds						Qvalue
3) Chloromethane	1.252	50	1980	1.841	ug/l #	43
6) Chloroethane	1.715	64	782	0.839	ug/l #	69
11) Tert butyl alcohol	2.941	59	1411	5.402	ug/l #	72
20) Methylene Chloride	2.788	84	506	0.359	ug/l	85
27) cis-1,2-Dichloroethene	4.489	96	80900	51.252	ug/l	88
31) Cyclohexane	5.556	56	2649	1.305	ug/l #	5
36) 1,1-Dichloropropene	5.550	75	9821	5.268	ug/l #	46
38) Carbon Tetrachloride	5.556	117	13742	6.579	ug/l #	15
44) Trichloroethene	7.123	130	27097	18.082	ug/l	94
51) 4-Methyl-2-Pentanone	8.653	43	404	0.225	ug/l #	1
67) Ethyl Benzene	10.195	91	2269	0.339	ug/l	100
68) m/p-Xylenes	10.305	106	1929	0.740	ug/l	92
76) 1,2,3-Trichloropropane	11.079	75	38282	21.783	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	38282	67.759	ug/l #	6

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

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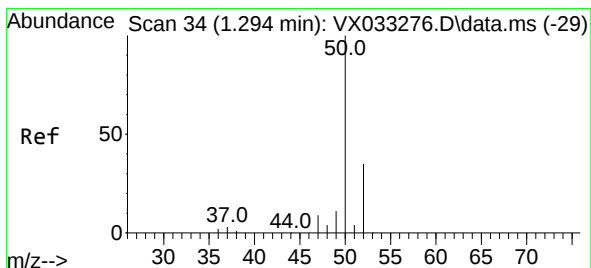
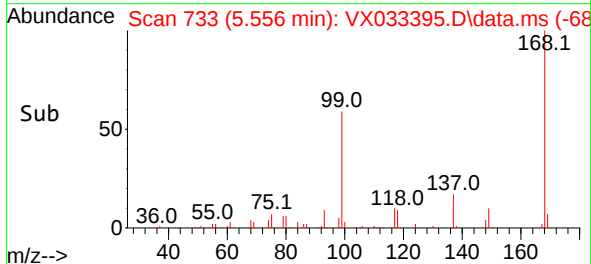
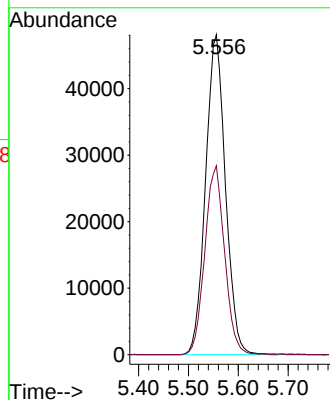
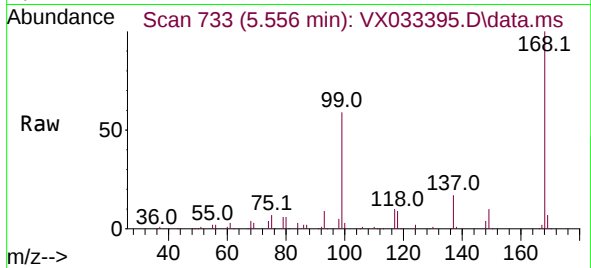




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033395.D
Acq: 13 Dec 2022 16:17

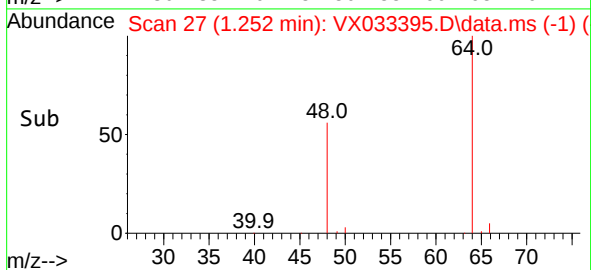
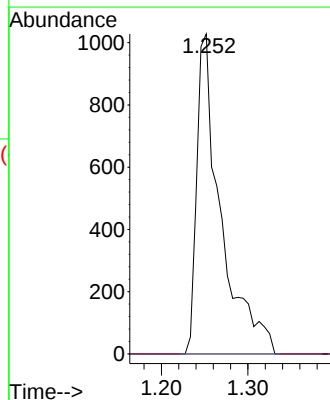
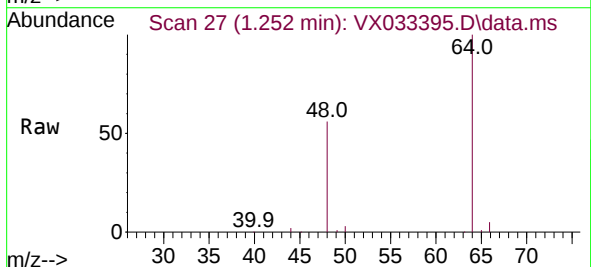
Instrument :
MSVOA_X
ClientSampleId :
DUP-01DL

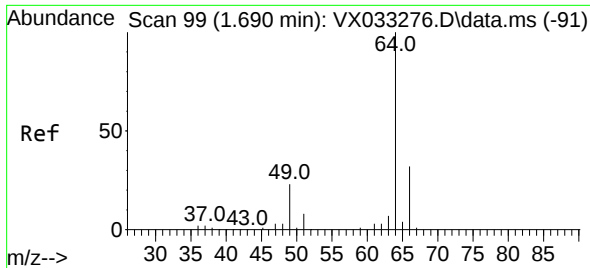
Tgt Ion:168 Resp: 133182
Ion Ratio Lower Upper
168 100
99 59.1 46.1 69.1



#3
Chloromethane
Concen: 1.841 ug/l
RT: 1.252 min Scan# 27
Delta R.T. -0.042 min
Lab File: VX033395.D
Acq: 13 Dec 2022 16:17

Tgt Ion: 50 Resp: 1980
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#

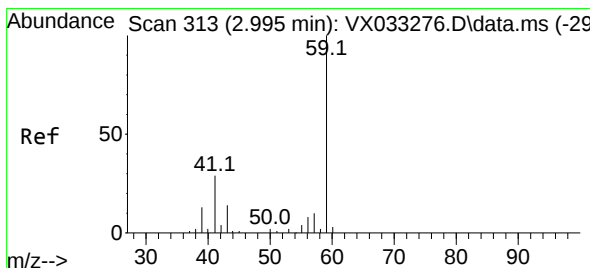
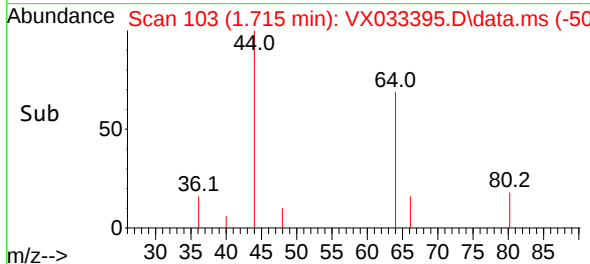
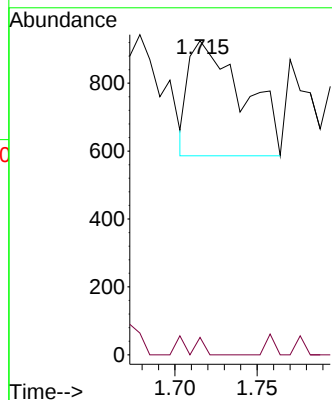
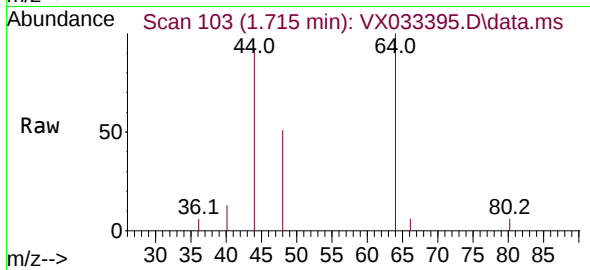




#6
Chloroethane
Concen: 0.839 ug/l
RT: 1.715 min Scan# 11
Delta R.T. 0.025 min
Lab File: VX033395.D
Acq: 13 Dec 2022 16:17

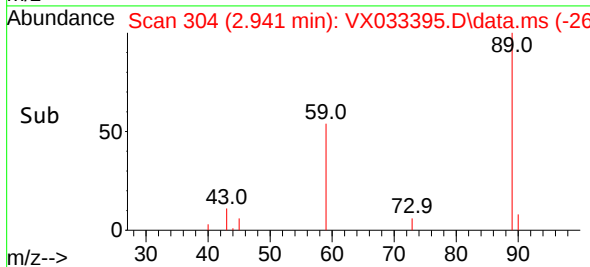
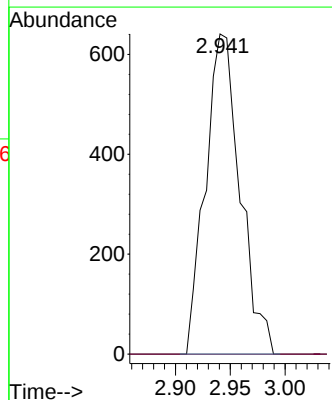
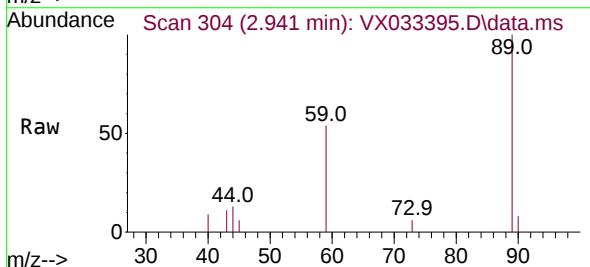
Instrument :
MSVOA_X
ClientSampleId :
DUP-01DL

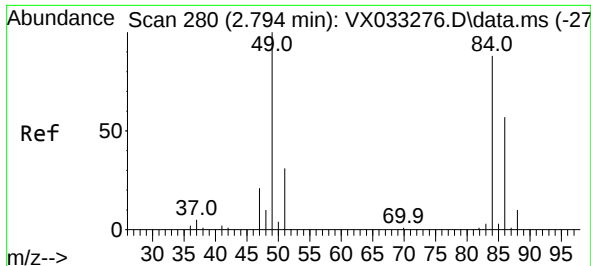
Tgt Ion: 64 Resp: 782
Ion Ratio Lower Upper
64 100
66 15.0 26.0 39.0#



#11
Tert butyl alcohol
Concen: 5.402 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.054 min
Lab File: VX033395.D
Acq: 13 Dec 2022 16:17

Tgt Ion: 59 Resp: 1411
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#20

Methylene Chloride

Concen: 0.359 ug/l

RT: 2.788 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX033395.D

Acq: 13 Dec 2022 16:17

Instrument :

MSVOA_X

ClientSampleId :

DUP-01DL

Tgt Ion: 84 Resp: 506

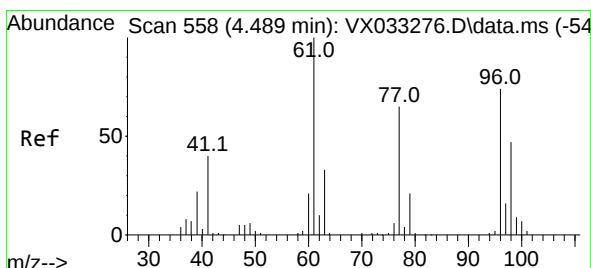
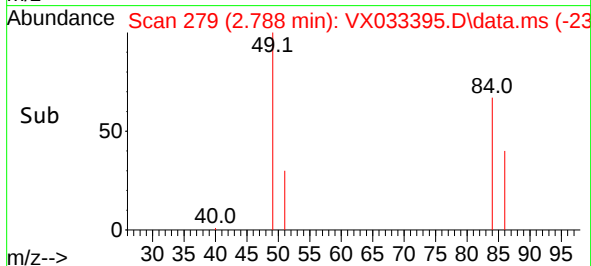
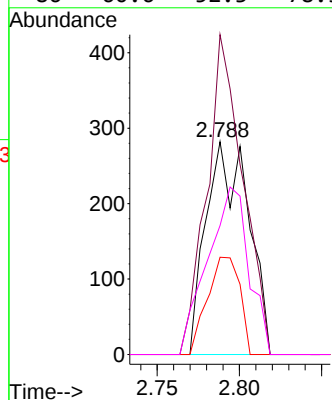
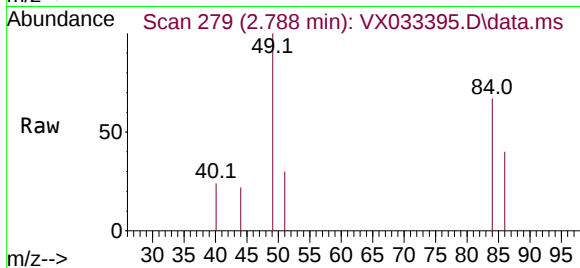
Ion Ratio Lower Upper

84 100

49 150.4 101.0 151.6

51 45.7 31.1 46.7

86 60.6 52.3 78.5



#27

cis-1,2-Dichloroethene

Concen: 51.252 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX033395.D

Acq: 13 Dec 2022 16:17

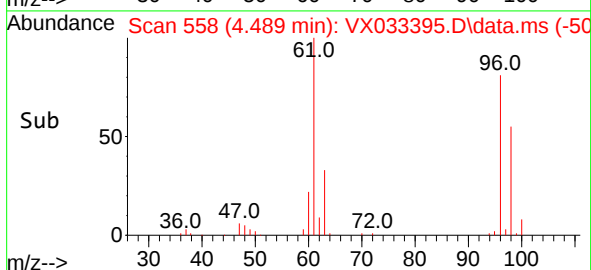
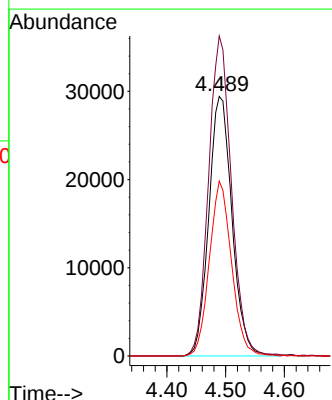
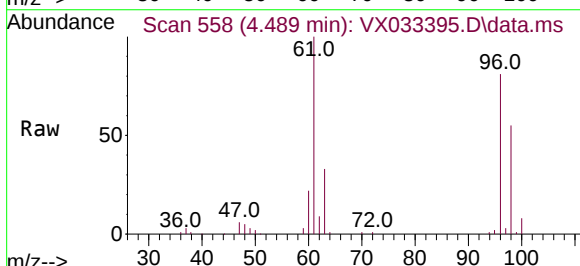
Tgt Ion: 96 Resp: 80900

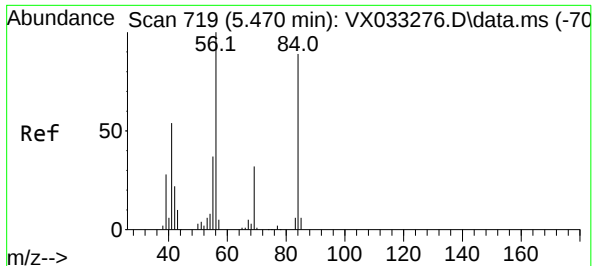
Ion Ratio Lower Upper

96 100

61 121.4 0.0 286.0

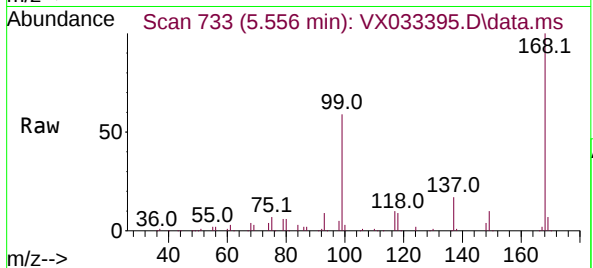
98 64.2 0.0 129.6



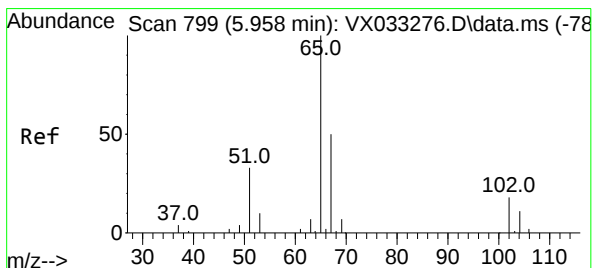
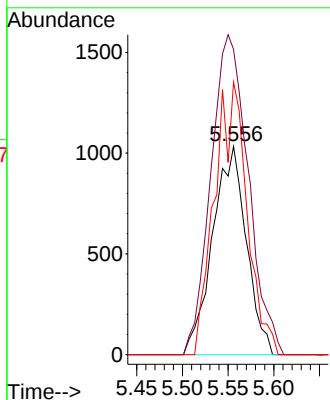
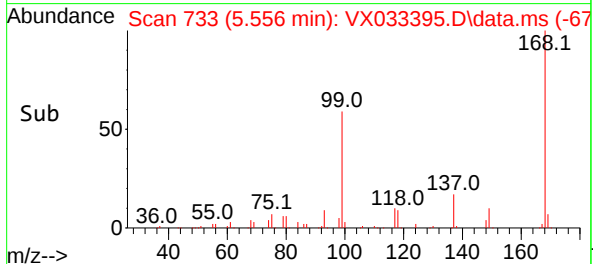


#31
Cyclohexane
Concen: 1.305 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX033395.D
Acq: 13 Dec 2022 16:17

Instrument :
MSVOA_X
ClientSampleId :
DUP-01DL

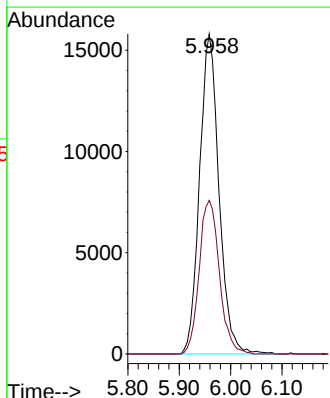
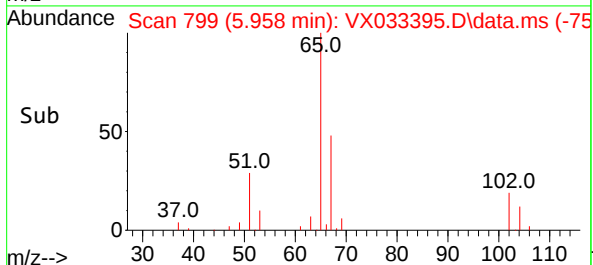
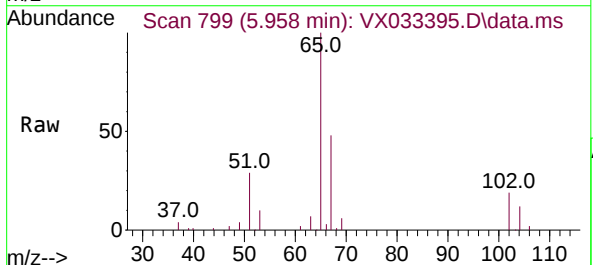


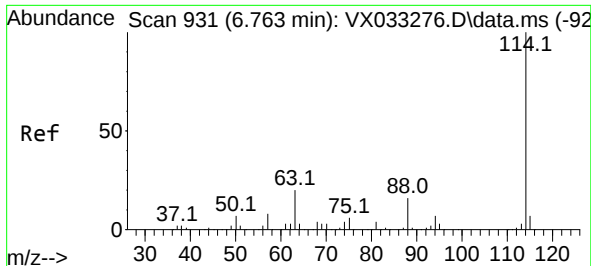
Tgt Ion: 56 Resp: 2649
Ion Ratio Lower Upper
56 100
69 146.5 24.1 36.1#
84 130.9 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 48.456 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033395.D
Acq: 13 Dec 2022 16:17

Tgt Ion: 65 Resp: 41401
Ion Ratio Lower Upper
65 100
67 50.0 0.0 101.8

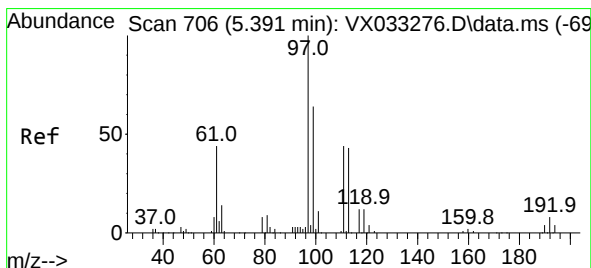
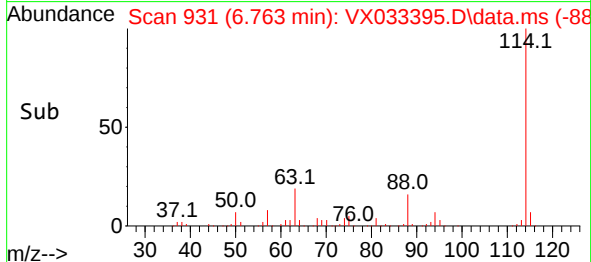
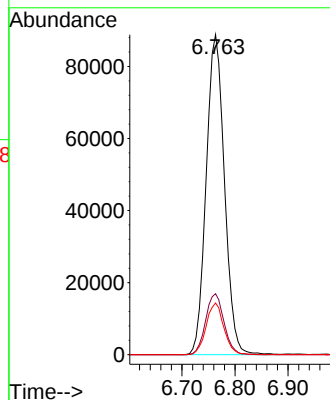
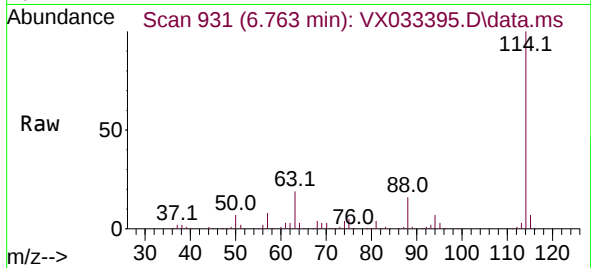




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX033395.D
Acq: 13 Dec 2022 16:17

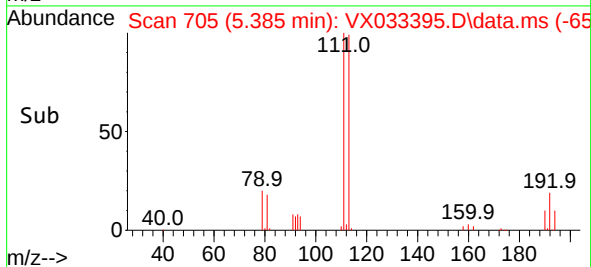
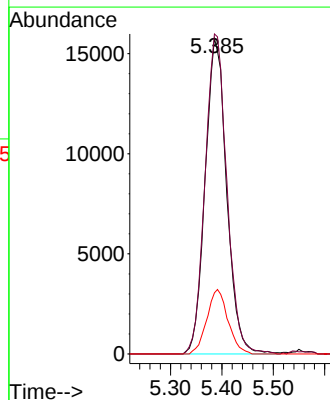
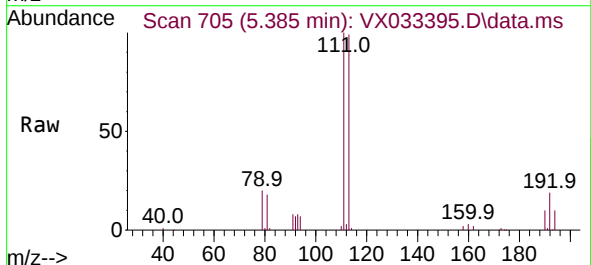
Instrument :
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ClientSampleId :
DUP-01DL

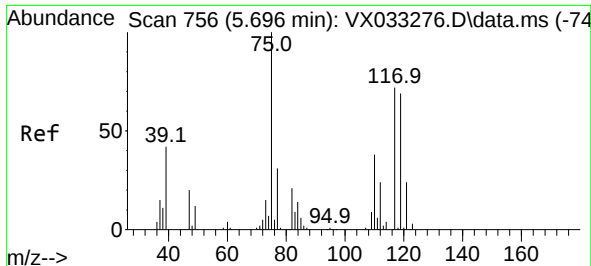
Tgt Ion:114 Resp: 212582
Ion Ratio Lower Upper
114 100
63 19.0 0.0 41.6
88 16.1 0.0 33.4



#35
Dibromofluoromethane
Concen: 47.806 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX033395.D
Acq: 13 Dec 2022 16:17

Tgt Ion:113 Resp: 45710
Ion Ratio Lower Upper
113 100
111 103.0 82.4 123.6
192 20.0 15.4 23.2

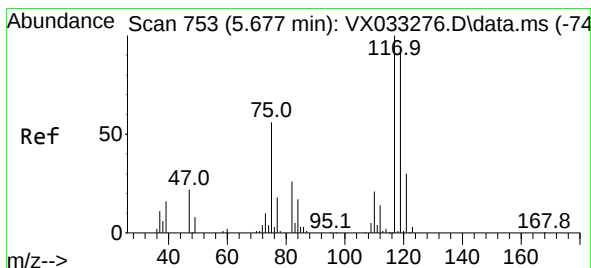
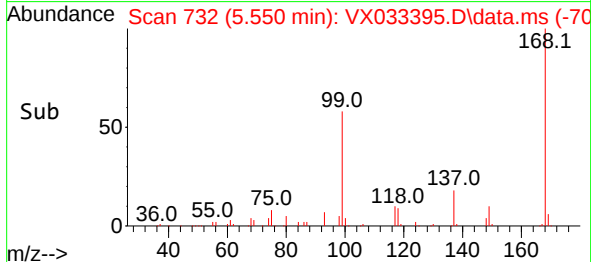
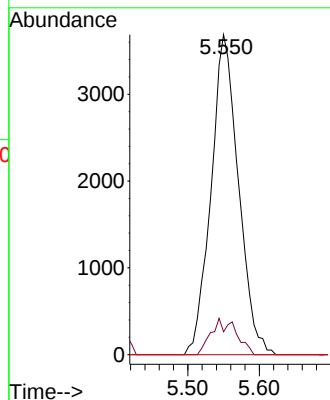
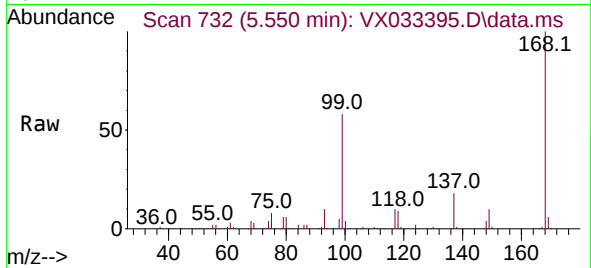




#36
1,1-Dichloropropene
Concen: 5.268 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX033395.D
Acq: 13 Dec 2022 16:17

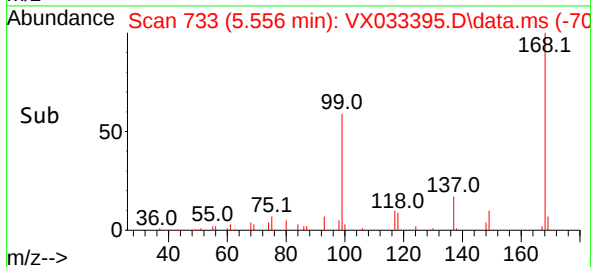
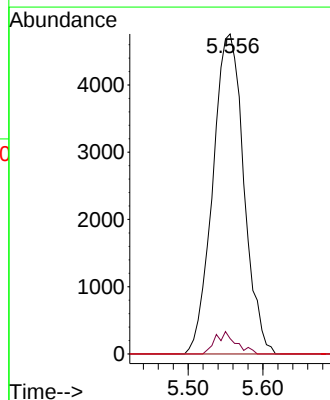
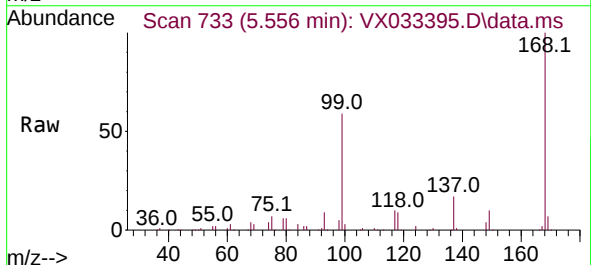
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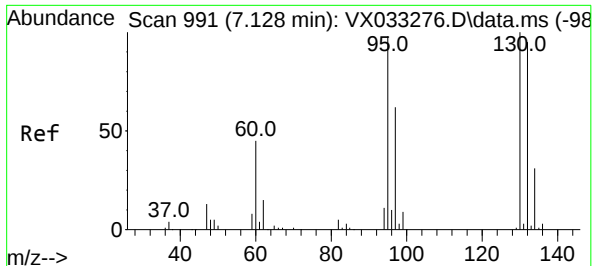
Tgt Ion: 75 Resp: 9821
Ion Ratio Lower Upper
75 100
110 5.4 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 6.579 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.121 min
Lab File: VX033395.D
Acq: 13 Dec 2022 16:17

Tgt Ion: 117 Resp: 13742
Ion Ratio Lower Upper
117 100
119 4.8 77.2 115.8#
121 0.0 25.8 38.6#

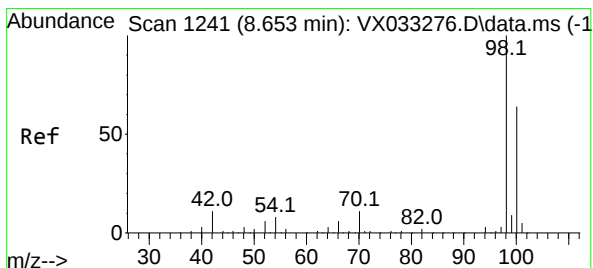
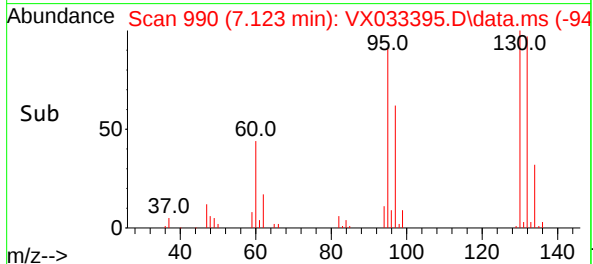
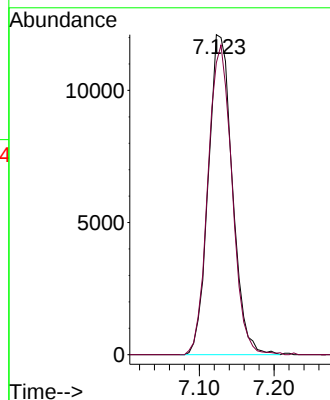
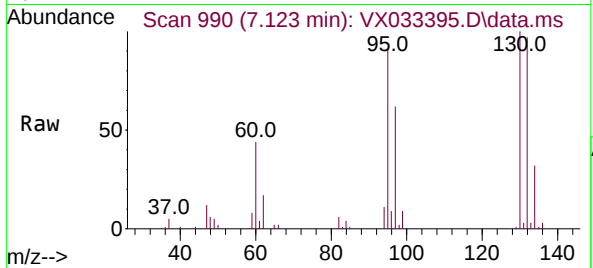




#44
Trichloroethene
Concen: 18.082 ug/l
RT: 7.123 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX033395.D
Acq: 13 Dec 2022 16:17

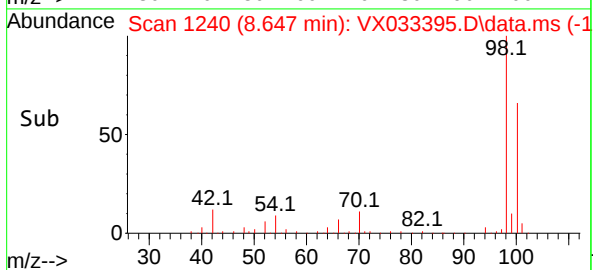
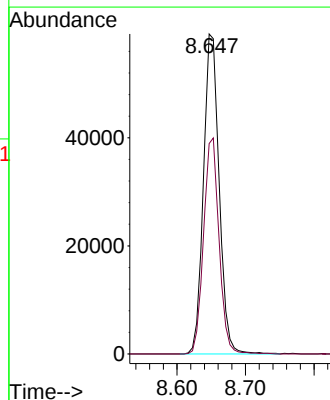
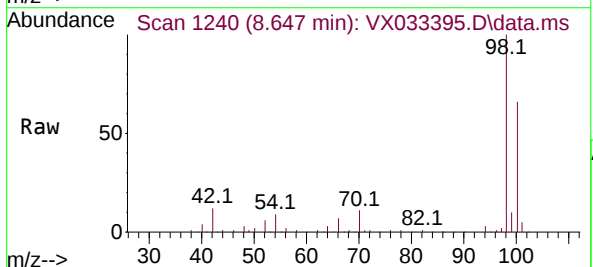
Instrument :
MSVOA_X
ClientSampleId :
DUP-01DL

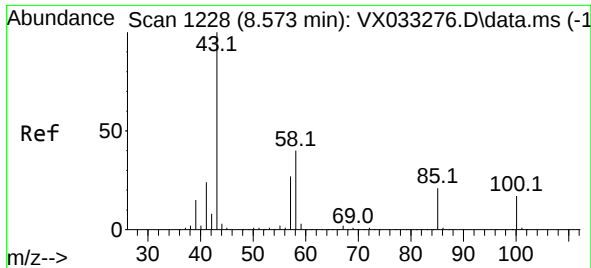
Tgt Ion:130 Resp: 27097
Ion Ratio Lower Upper
130 100
95 91.2 0.0 195.2



#50
Toluene-d8
Concen: 47.281 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033395.D
Acq: 13 Dec 2022 16:17

Tgt Ion: 98 Resp: 94573
Ion Ratio Lower Upper
98 100
100 66.6 50.9 76.3

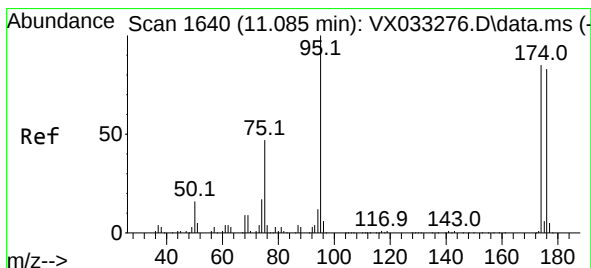
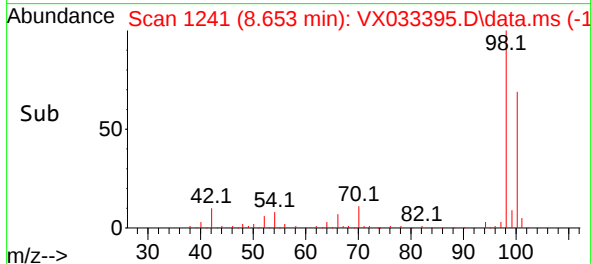
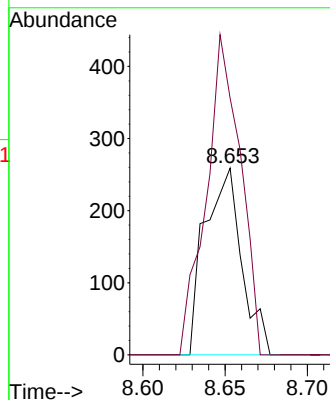
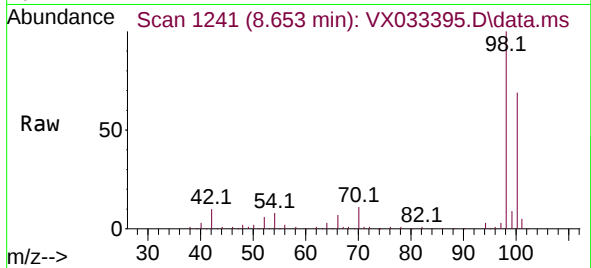




#51
4-Methyl-2-Pentanone
Concen: 0.225 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.080 min
Lab File: VX033395.D
Acq: 13 Dec 2022 16:17

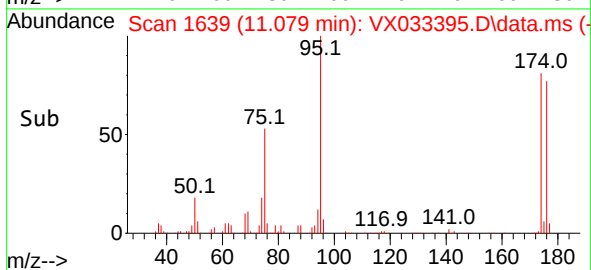
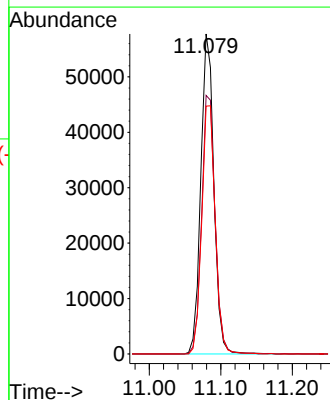
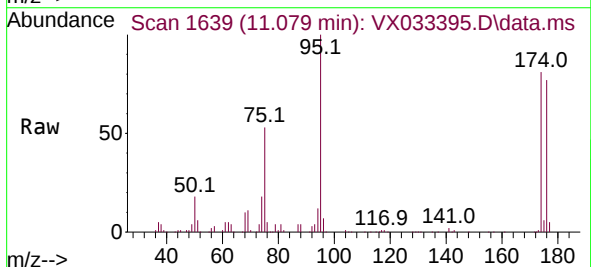
Instrument :
MSVOA_X
ClientSampleId :
DUP-01DL

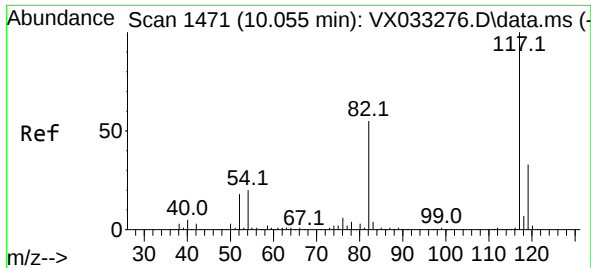
Tgt Ion: 43 Resp: 404
Ion Ratio Lower Upper
43 100
58 159.2 30.9 46.3#



#62
4-Bromofluorobenzene
Concen: 47.766 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033395.D
Acq: 13 Dec 2022 16:17

Tgt Ion: 95 Resp: 73053
Ion Ratio Lower Upper
95 100
174 83.1 0.0 164.0
176 80.6 0.0 154.4

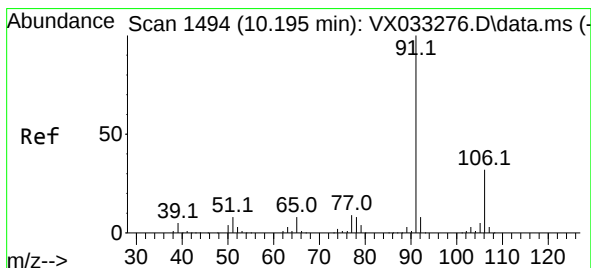
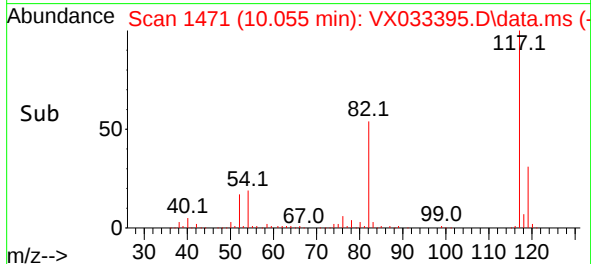
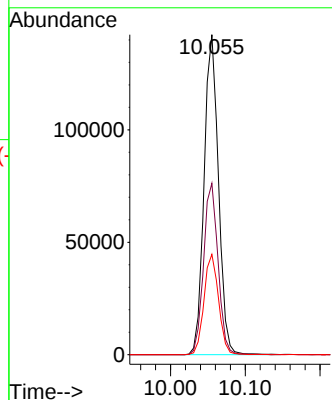
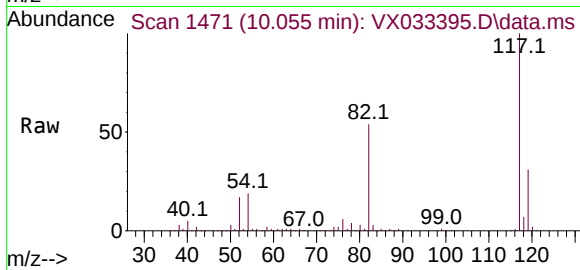




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033395.D
Acq: 13 Dec 2022 16:17

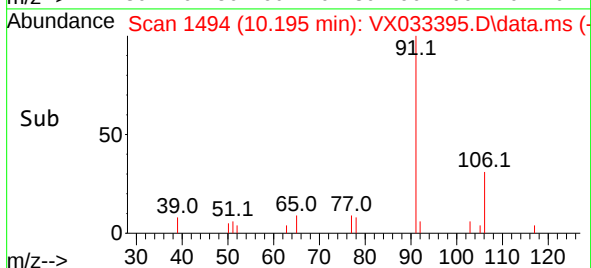
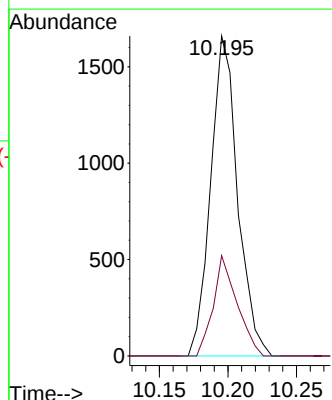
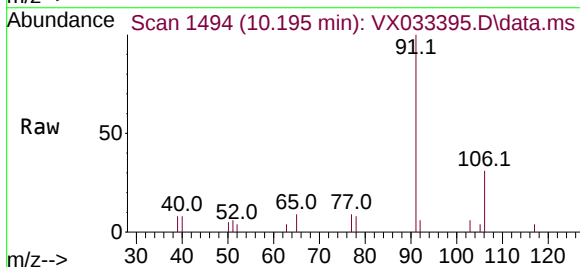
Instrument :
MSVOA_X
ClientSampleId :
DUP-01DL

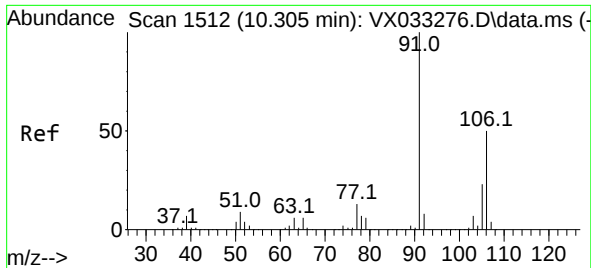
Tgt Ion:117 Resp: 189817
Ion Ratio Lower Upper
117 100
82 53.5 44.3 66.5
119 31.4 25.7 38.5



#67
Ethyl Benzene
Concen: 0.339 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033395.D
Acq: 13 Dec 2022 16:17

Tgt Ion: 91 Resp: 2269
Ion Ratio Lower Upper
91 100
106 31.3 25.0 37.6

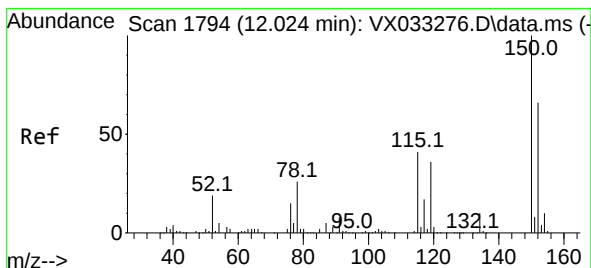
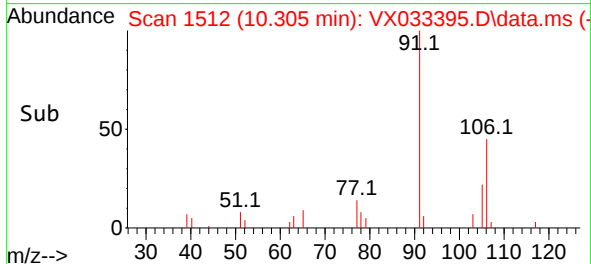
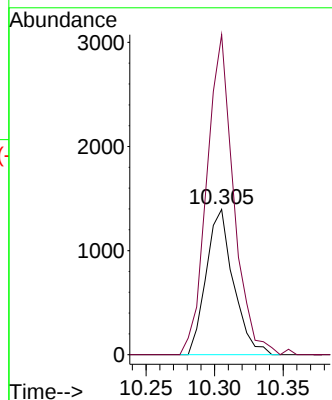
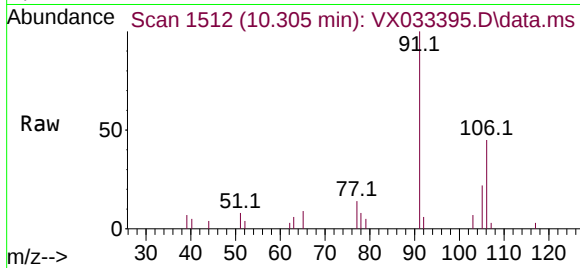




#68
m/p-Xylenes
Concen: 0.740 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033395.D
Acq: 13 Dec 2022 16:17

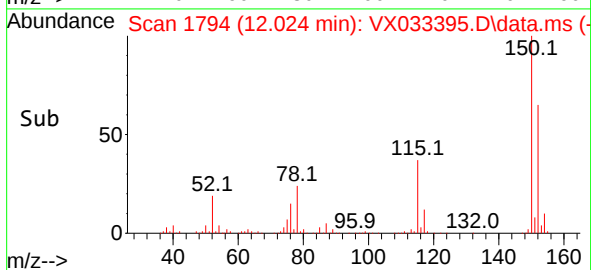
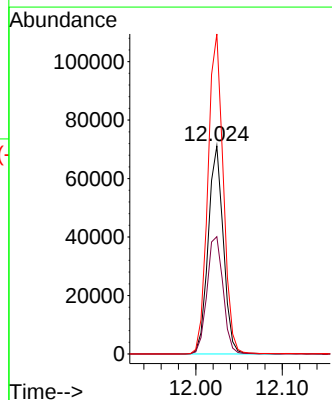
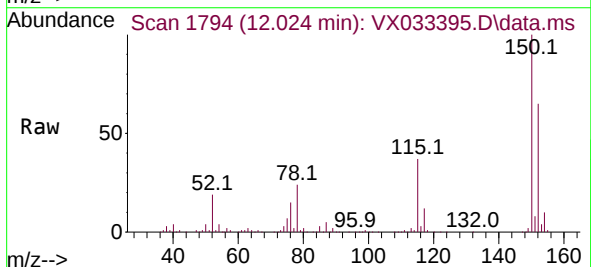
Instrument :
MSVOA_X
ClientSampleId :
DUP-01DL

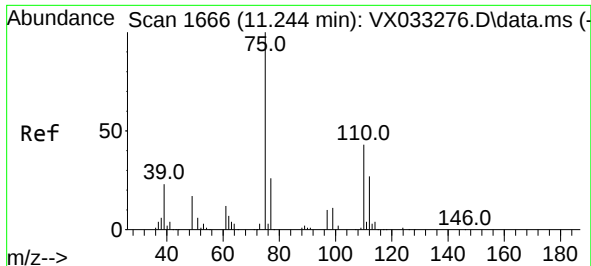
Tgt Ion:106 Resp: 1929
Ion Ratio Lower Upper
106 100
91 217.9 164.5 246.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033395.D
Acq: 13 Dec 2022 16:17

Tgt Ion:152 Resp: 86382
Ion Ratio Lower Upper
152 100
115 59.9 44.0 132.0
150 156.6 0.0 351.8

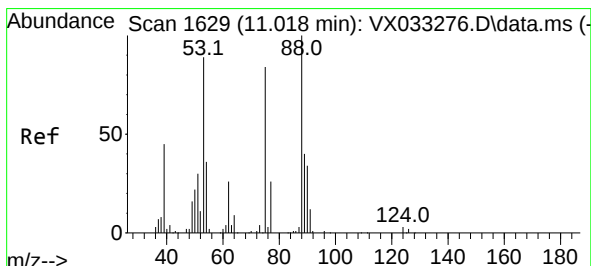
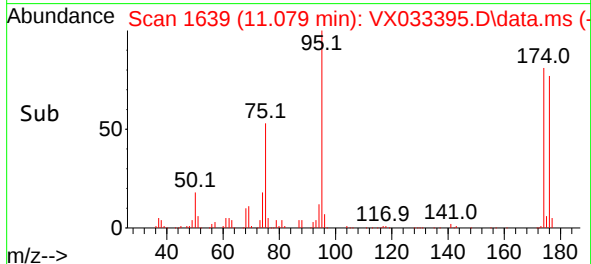
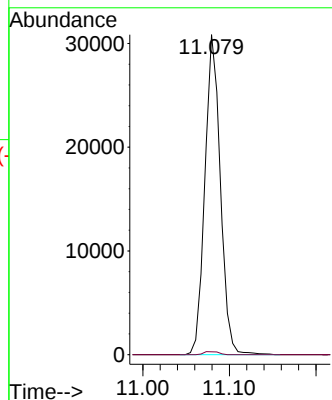
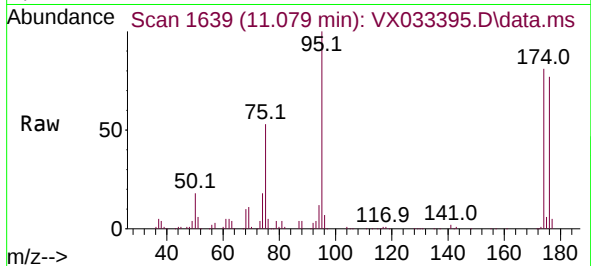




#76
1,2,3-Trichloropropane
Concen: 21.783 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX033395.D
Acq: 13 Dec 2022 16:17

Instrument :
MSVOA_X
ClientSampleId :
DUP-01DL

Tgt Ion: 75 Resp: 38282
Ion Ratio Lower Upper
75 100
77 0.9 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.759 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033395.D
Acq: 13 Dec 2022 16:17

Tgt Ion: 75 Resp: 38282
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

