

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120722\
 Data File : VX033293.D
 Acq On : 07 Dec 2022 19:55
 Operator : JC/MD
 Sample : N5865-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-01DL

Quant Time: Dec 08 01:44:01 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)

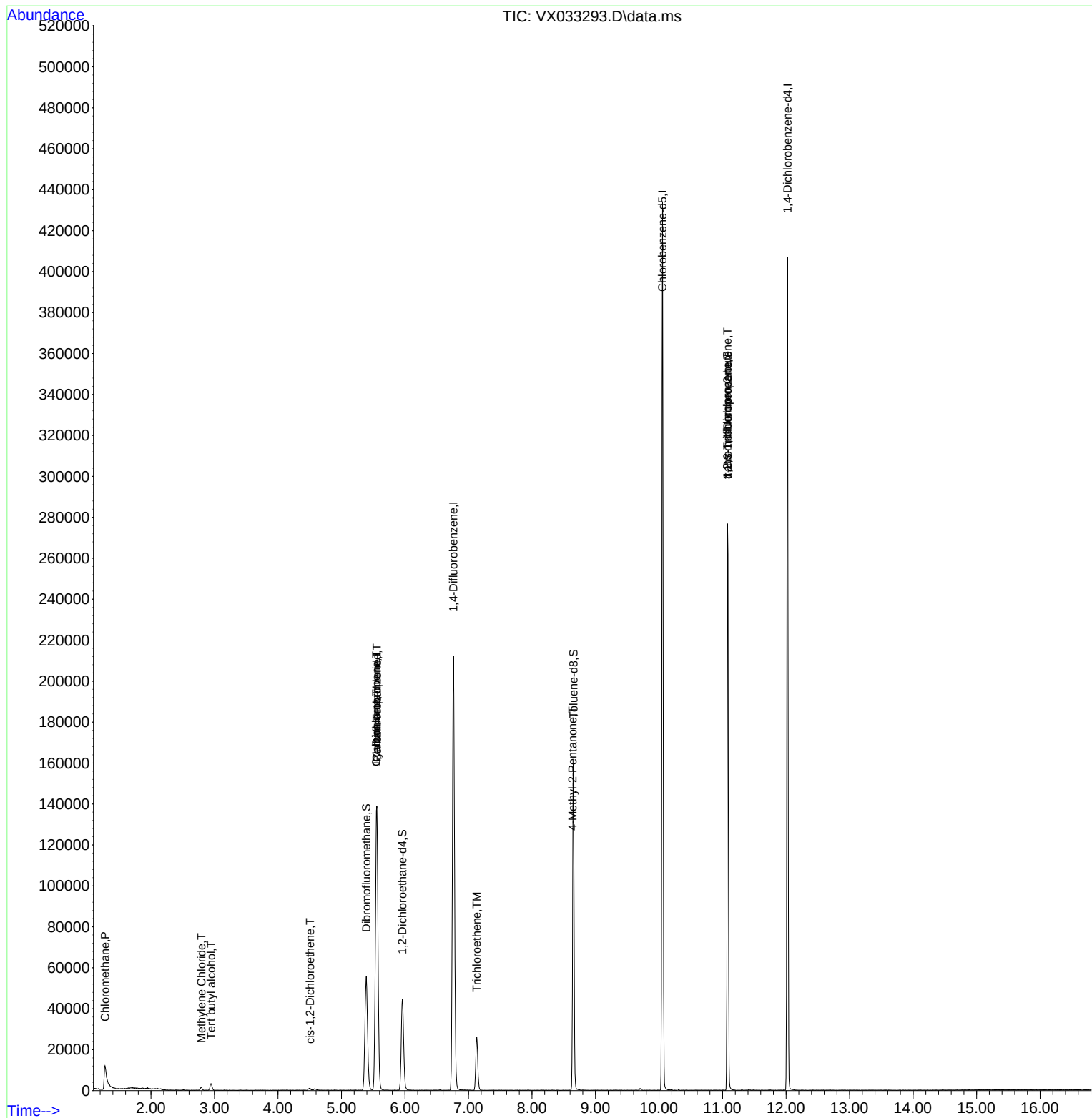
Internal Standards						
1) Pentafluorobenzene	5.556	168	131831	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	216485	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	191451	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85098	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	46119	54.531	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 109.060%		
35) Dibromofluoromethane	5.391	113	48670	49.984	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 99.960%		
50) Toluene-d8	8.653	98	97403	47.818	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 95.640%		
62) 4-Bromofluorobenzene	11.079	95	72614	46.623	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 93.240%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.276	50	553	0.519	ug/l #	43
11) Tert butyl alcohol	2.947	59	1921	7.429	ug/l #	72
20) Methylene Chloride	2.794	84	847	0.607	ug/l #	88
27) cis-1,2-Dichloroethene	4.507	96	661	0.423	ug/l	87
31) Cyclohexane	5.550	56	2690	1.338	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	10155	5.349	ug/l #	49
38) Carbon Tetrachloride	5.556	117	13884	6.528	ug/l #	14
44) Trichloroethene	7.129	130	10726	7.028	ug/l	93
51) 4-Methyl-2-Pentanone	8.641	43	431	0.236	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	38106	22.010	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	38106	68.465	ug/l #	6

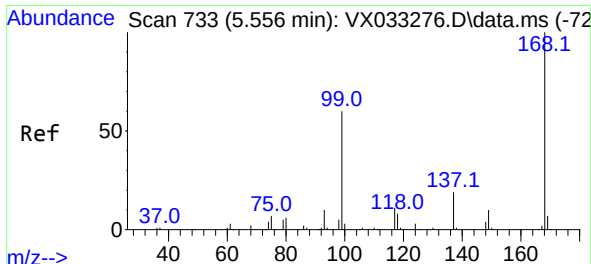
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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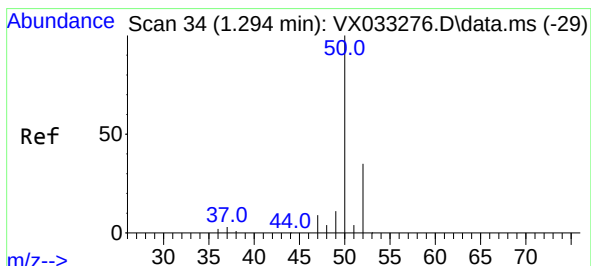
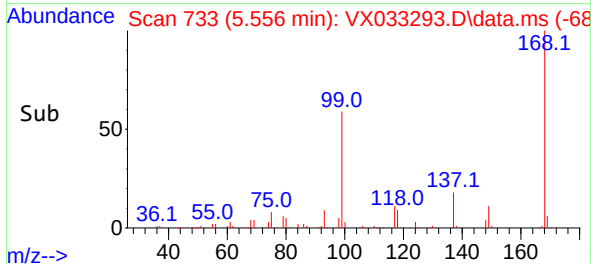
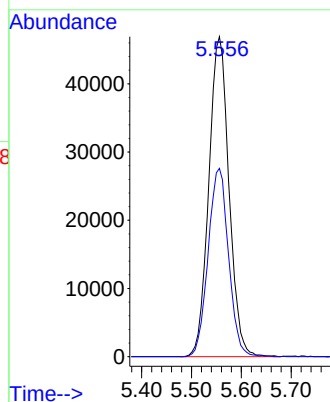
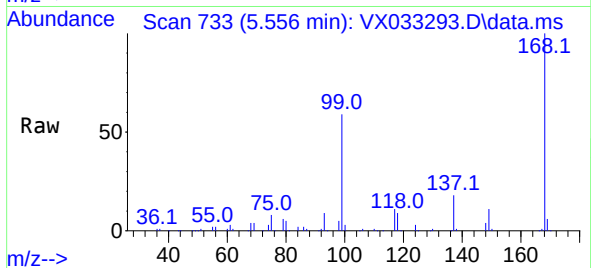




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033293.D
Acq: 07 Dec 2022 19:55

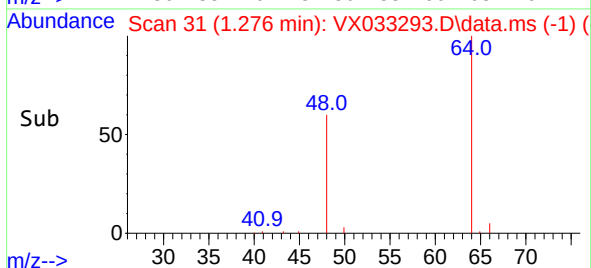
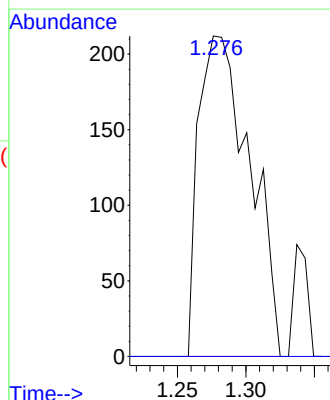
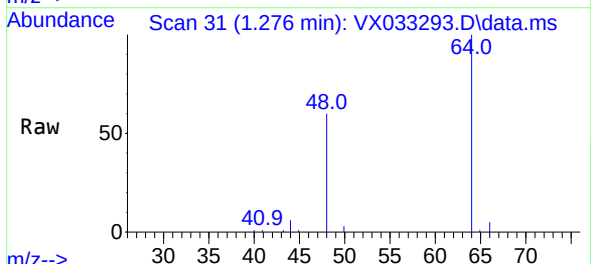
Instrument :
MSVOA_X
ClientSampleId :
DUP-01DL

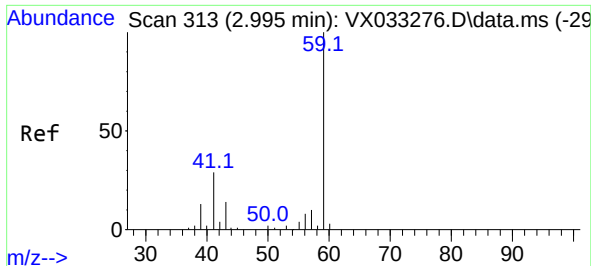
Tgt Ion:168 Resp: 131831
Ion Ratio Lower Upper
168 100
99 58.9 46.1 69.1



#3
Chloromethane
Concen: 0.519 ug/l
RT: 1.276 min Scan# 31
Delta R.T. -0.018 min
Lab File: VX033293.D
Acq: 07 Dec 2022 19:55

Tgt Ion: 50 Resp: 553
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#

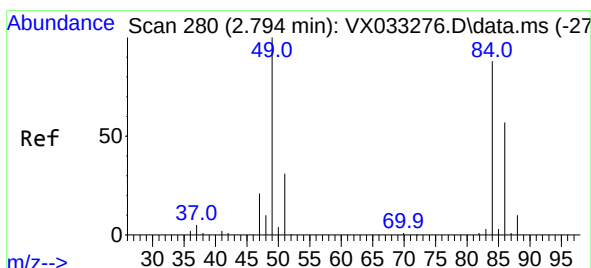
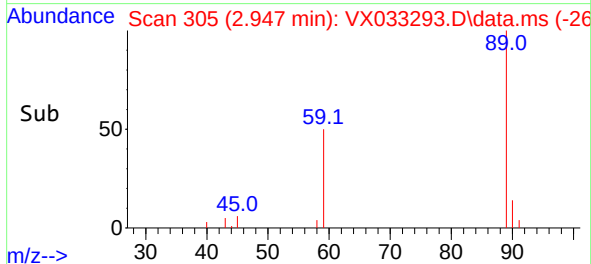
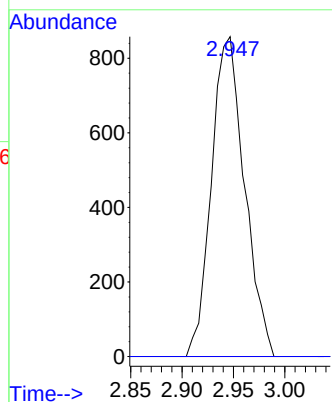
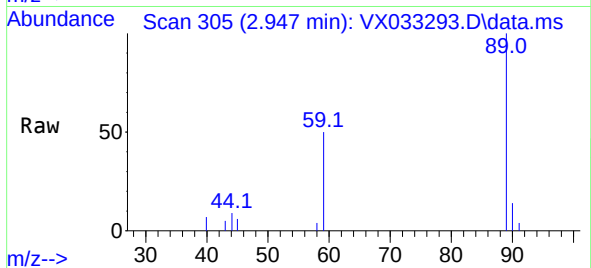




#11
Tert butyl alcohol
Concen: 7.429 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.048 min
Lab File: VX033293.D
Acq: 07 Dec 2022 19:55

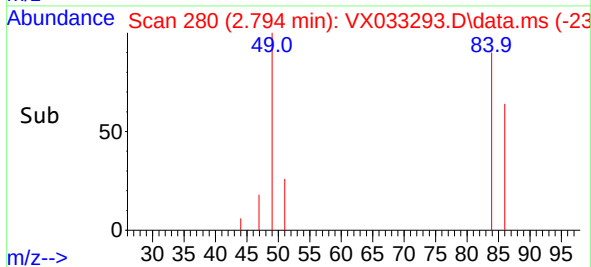
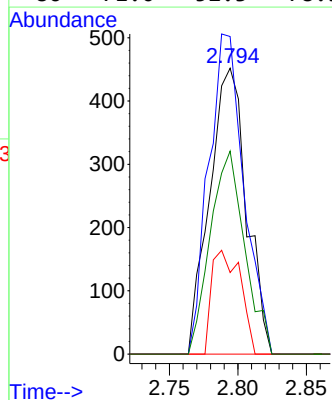
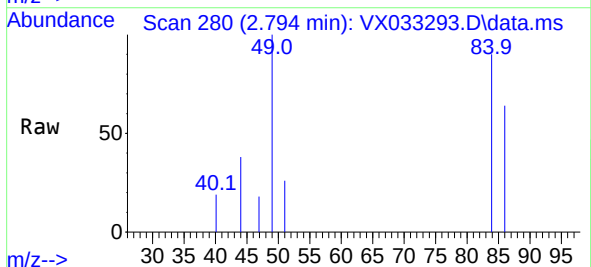
Instrument :
MSVOA_X
ClientSampleId :
DUP-01DL

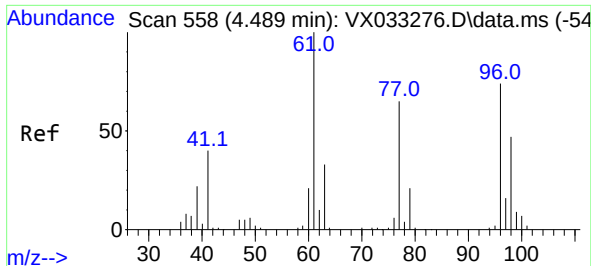
Tgt Ion: 59 Resp: 1921
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#20
Methylene Chloride
Concen: 0.607 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX033293.D
Acq: 07 Dec 2022 19:55

Tgt Ion: 84 Resp: 847
Ion Ratio Lower Upper
84 100
49 111.1 101.0 151.6
51 28.5 31.1 46.7#
86 71.0 52.3 78.5





#27

cis-1,2-Dichloroethene

Concen: 0.423 ug/l

RT: 4.507 min Scan# 50

Delta R.T. 0.019 min

Lab File: VX033293.D

Acq: 07 Dec 2022 19:55

Instrument :

MSVOA_X

ClientSampleId :

DUP-01DL

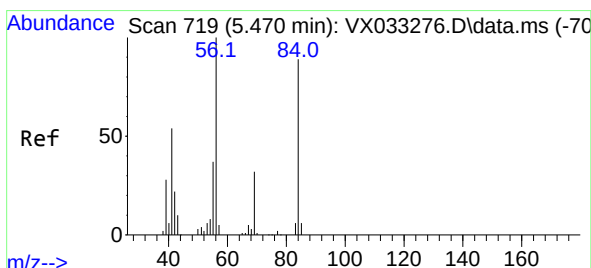
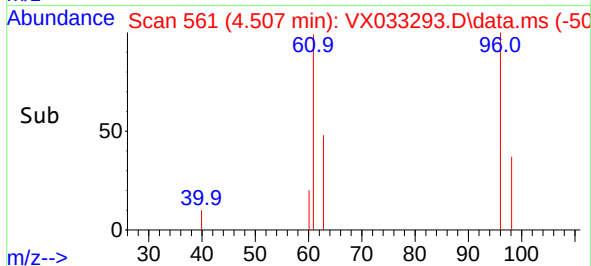
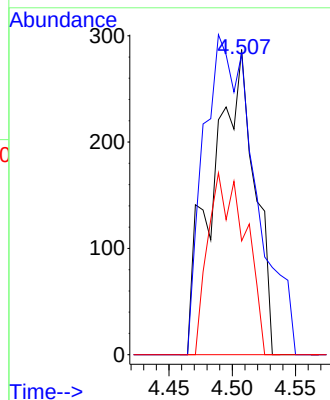
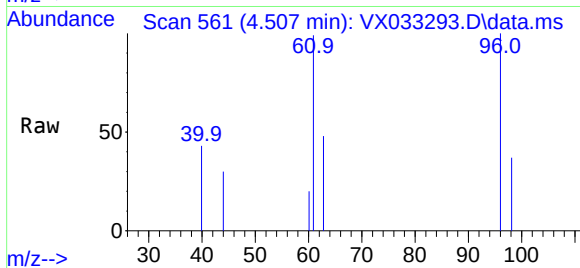
Tgt Ion: 96 Resp: 661

Ion Ratio Lower Upper

96 100

61 128.9 0.0 286.0

98 53.1 0.0 129.6



#31

Cyclohexane

Concen: 1.338 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.080 min

Lab File: VX033293.D

Acq: 07 Dec 2022 19:55

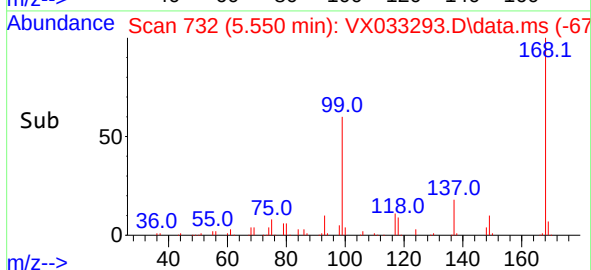
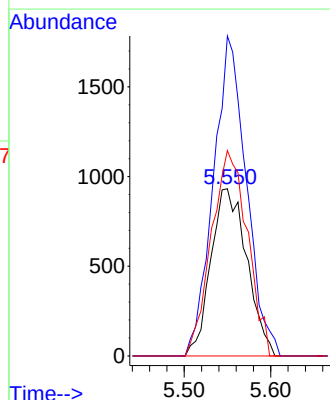
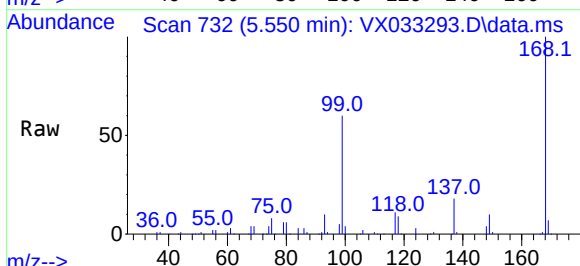
Tgt Ion: 56 Resp: 2690

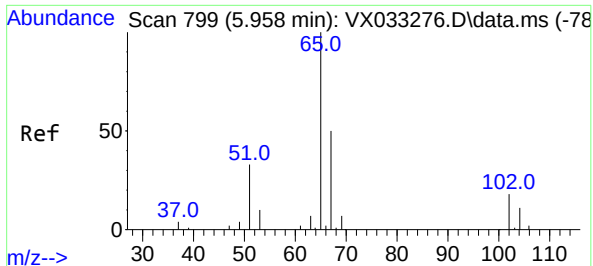
Ion Ratio Lower Upper

56 100

69 191.4 24.1 36.1#

84 122.9 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 54.531 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033293.D

Acq: 07 Dec 2022 19:55

Instrument :

MSVOA_X

ClientSampleId :

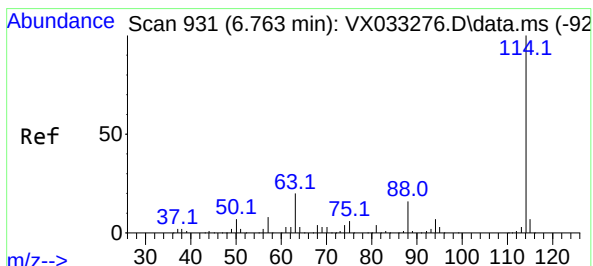
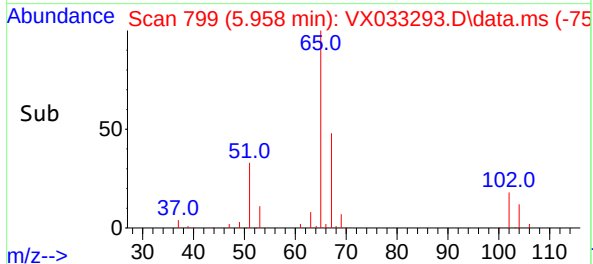
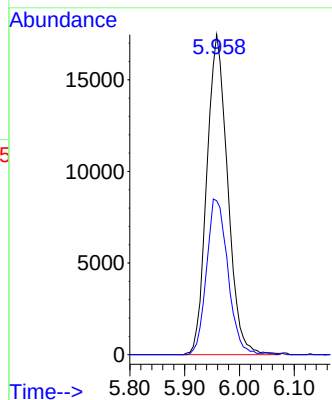
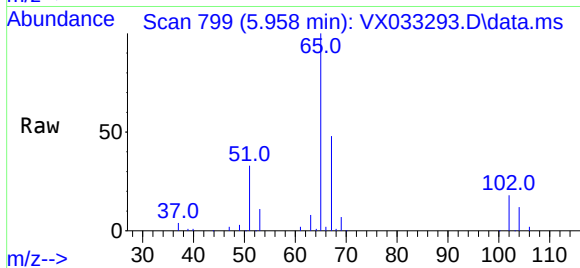
DUP-01DL

Tgt Ion: 65 Resp: 46119

Ion Ratio Lower Upper

65 100

67 49.8 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: VX033293.D

Acq: 07 Dec 2022 19:55

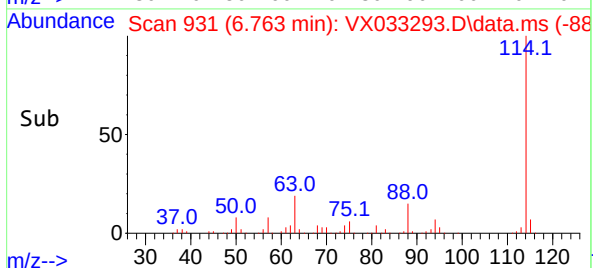
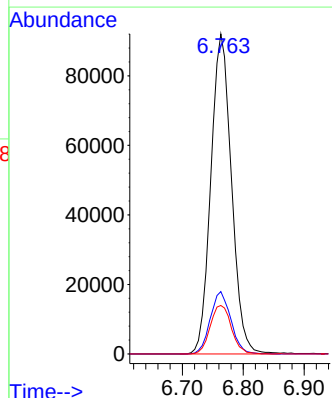
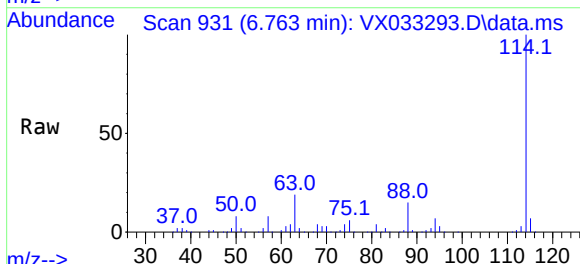
Tgt Ion: 114 Resp: 216485

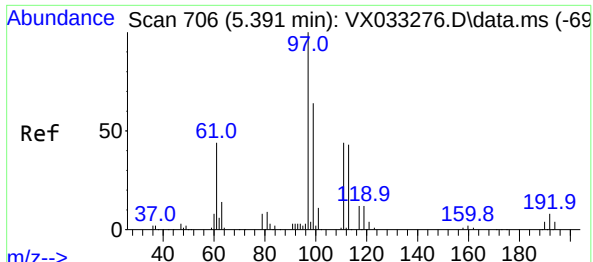
Ion Ratio Lower Upper

114 100

63 19.5 0.0 41.6

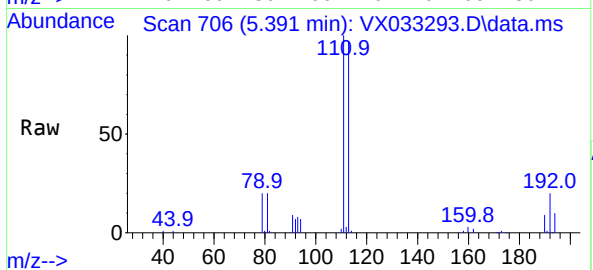
88 15.2 0.0 33.4



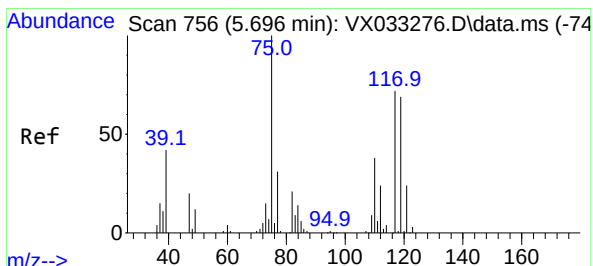
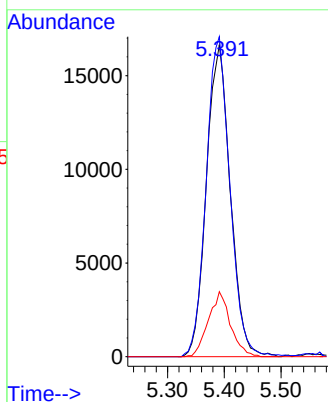
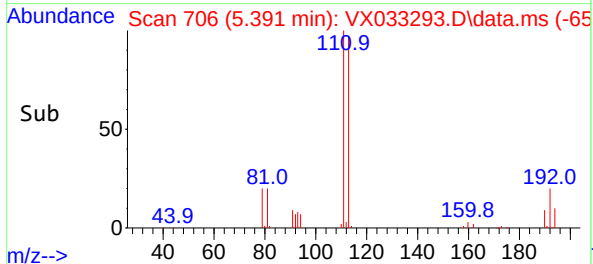


#35
Dibromofluoromethane
Concen: 49.984 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX033293.D
Acq: 07 Dec 2022 19:55

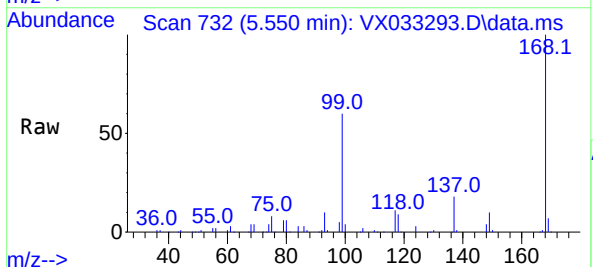
Instrument :
MSVOA_X
ClientSampleId :
DUP-01DL



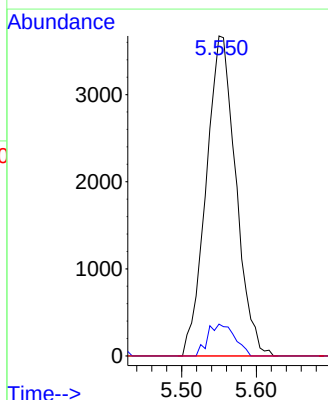
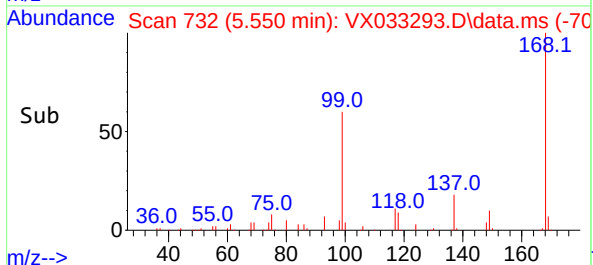
Tgt Ion:113 Resp: 48670
Ion Ratio Lower Upper
113 100
111 102.1 82.4 123.6
192 19.3 15.4 23.2

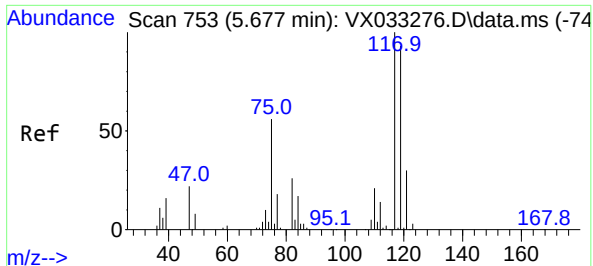


#36
1,1-Dichloropropene
Concen: 5.349 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX033293.D
Acq: 07 Dec 2022 19:55



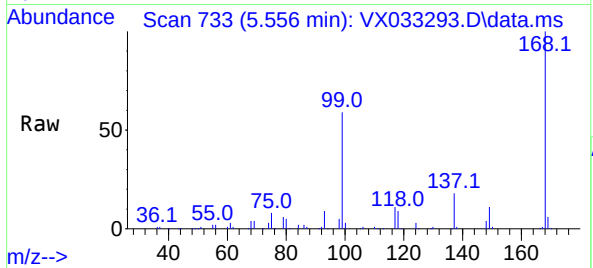
Tgt Ion: 75 Resp: 10155
Ion Ratio Lower Upper
75 100
110 9.0 18.4 55.2#
77 0.0 24.5 36.7#



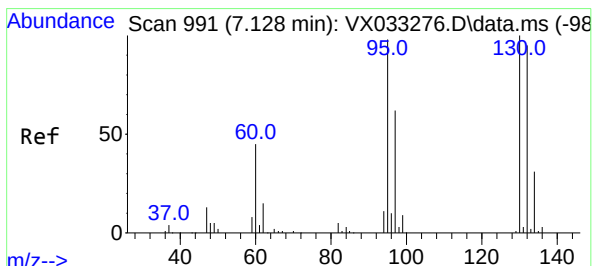
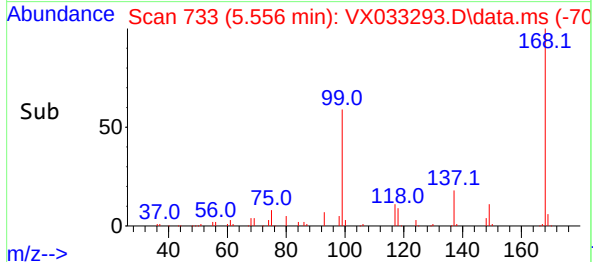
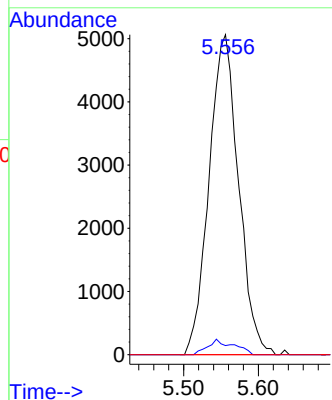


#38
Carbon Tetrachloride
Concen: 6.528 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX033293.D
Acq: 07 Dec 2022 19:55

Instrument :
MSVOA_X
ClientSampleId :
DUP-01DL

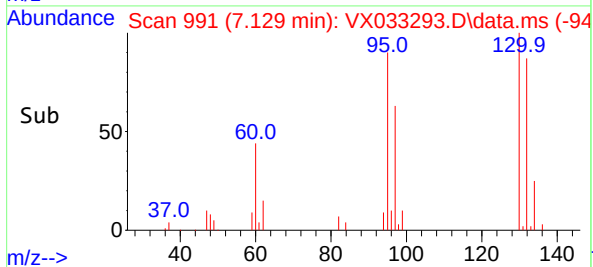
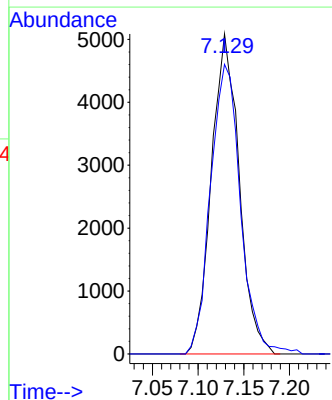
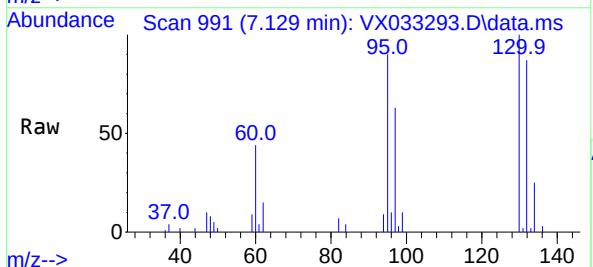


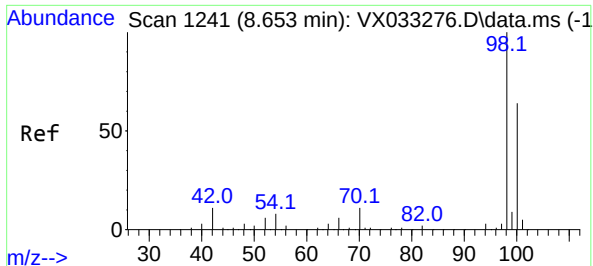
Tgt Ion:117 Resp: 13884
Ion Ratio Lower Upper
117 100
119 2.9 77.2 115.8#
121 0.0 25.8 38.6#



#44
Trichloroethene
Concen: 7.028 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX033293.D
Acq: 07 Dec 2022 19:55

Tgt Ion:130 Resp: 10726
Ion Ratio Lower Upper
130 100
95 90.5 0.0 195.2





#50

Toluene-d8

Concen: 47.818 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX033293.D

Acq: 07 Dec 2022 19:55

Instrument :

MSVOA_X

ClientSampleId :

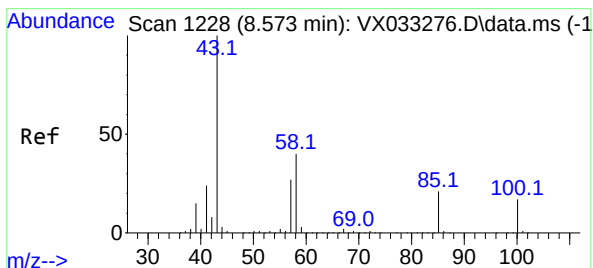
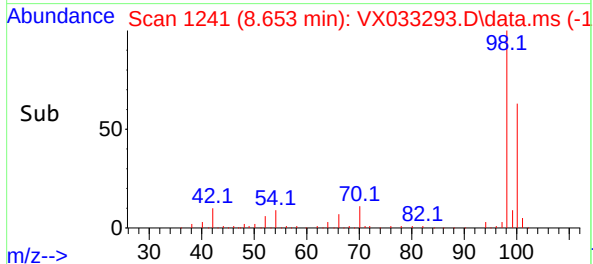
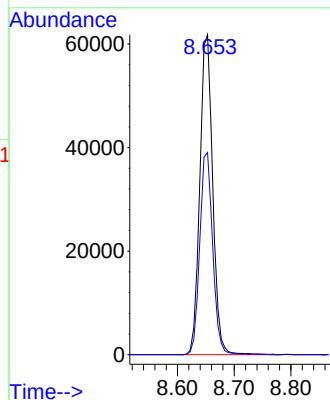
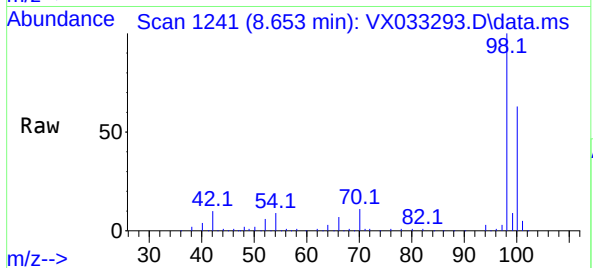
DUP-01DL

Tgt Ion: 98 Resp: 97403

Ion Ratio Lower Upper

98 100

100 63.6 50.9 76.3



#51

4-Methyl-2-Pentanone

Concen: 0.236 ug/l

RT: 8.641 min Scan# 1239

Delta R.T. 0.067 min

Lab File: VX033293.D

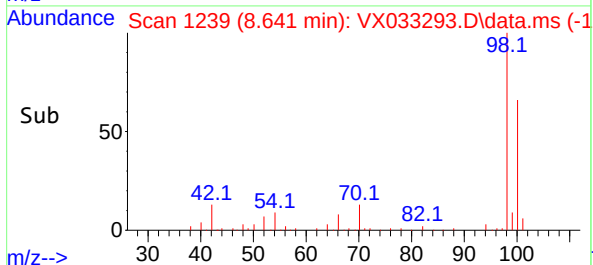
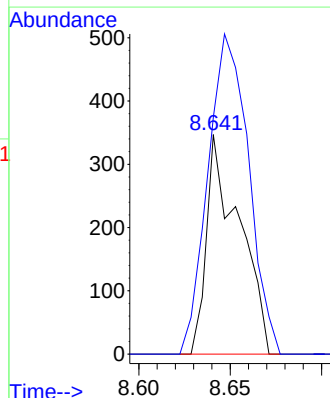
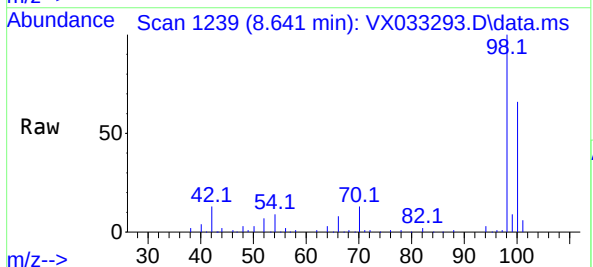
Acq: 07 Dec 2022 19:55

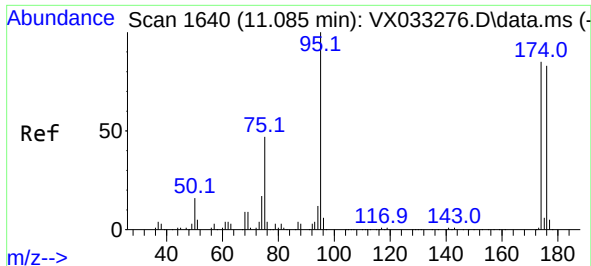
Tgt Ion: 43 Resp: 431

Ion Ratio Lower Upper

43 100

58 181.7 30.9 46.3#

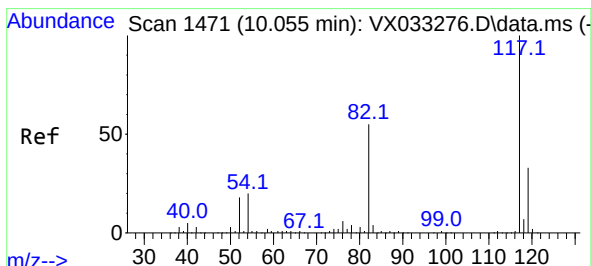
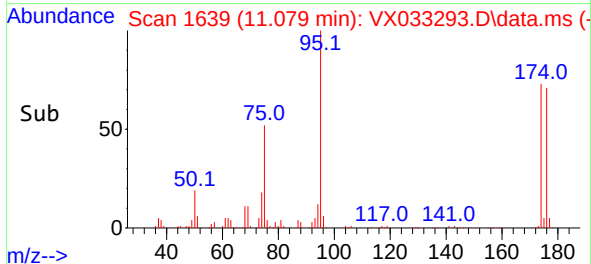
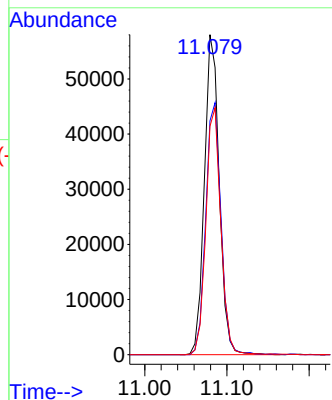
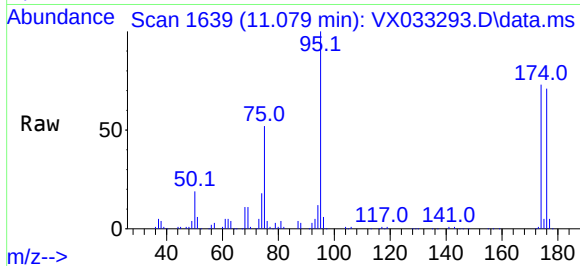




#62
4-Bromofluorobenzene
Concen: 46.623 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033293.D
Acq: 07 Dec 2022 19:55

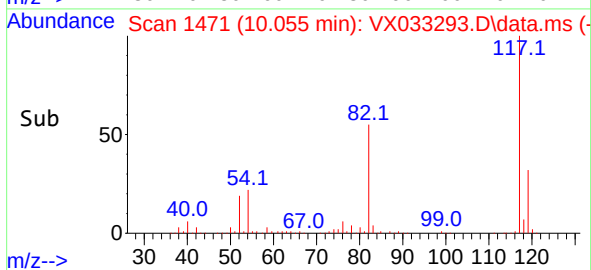
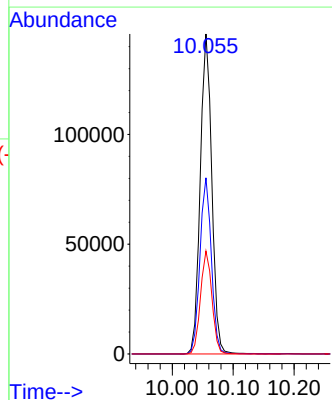
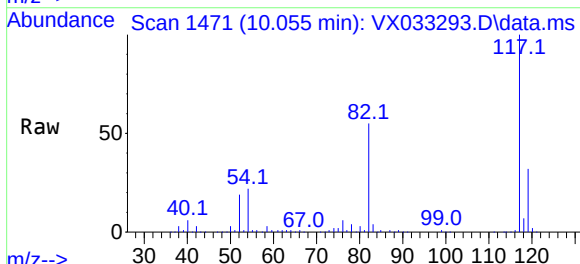
Instrument :
MSVOA_X
ClientSampleId :
DUP-01DL

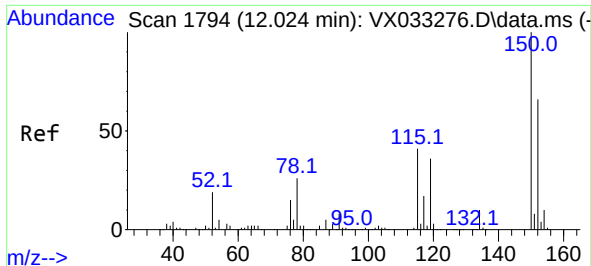
Tgt Ion: 95 Resp: 72614
Ion Ratio Lower Upper
95 100
174 81.1 0.0 164.0
176 77.7 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033293.D
Acq: 07 Dec 2022 19:55

Tgt Ion: 117 Resp: 191451
Ion Ratio Lower Upper
117 100
82 55.0 44.3 66.5
119 32.1 25.7 38.5

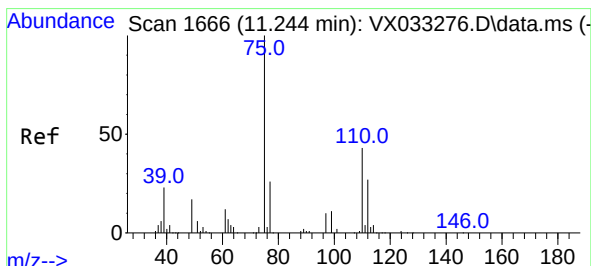
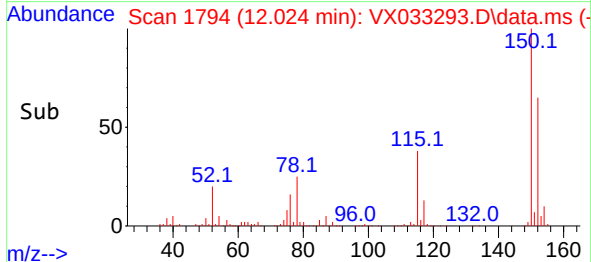
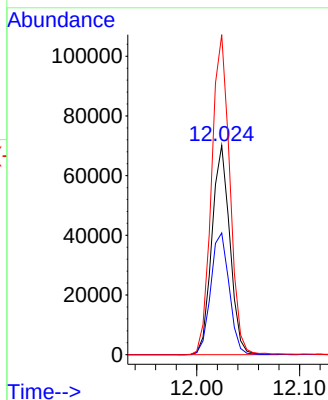
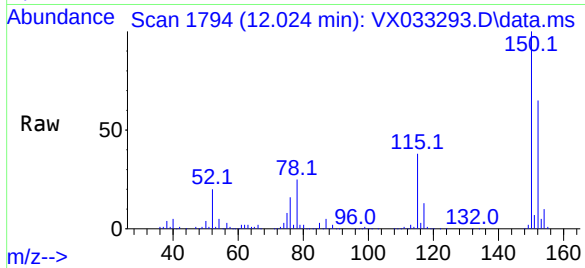




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033293.D
Acq: 07 Dec 2022 19:55

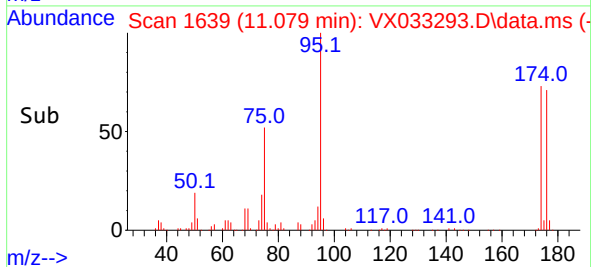
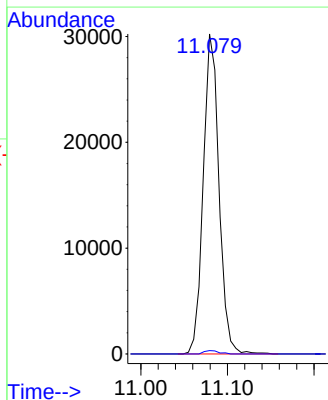
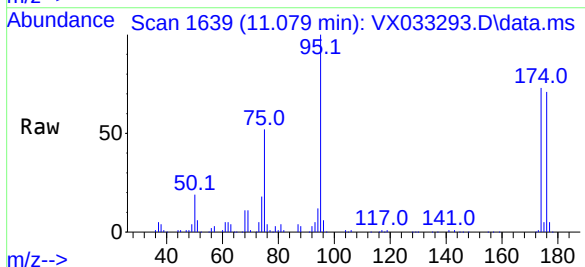
Instrument :
MSVOA_X
ClientSampleId :
DUP-01DL

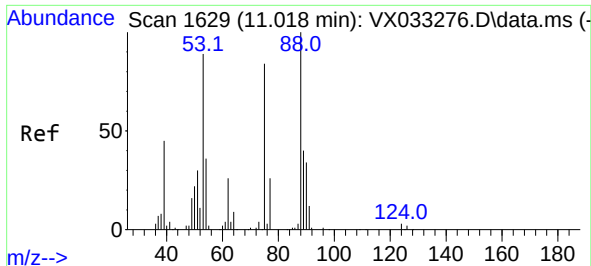
Tgt Ion:152 Resp: 85098
Ion Ratio Lower Upper
152 100
115 60.1 44.0 132.0
150 155.3 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 22.010 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX033293.D
Acq: 07 Dec 2022 19:55

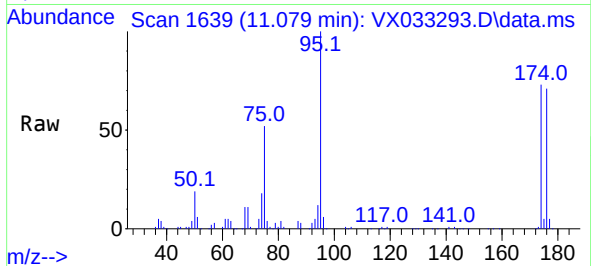
Tgt Ion: 75 Resp: 38106
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 68.465 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX033293.D
Acq: 07 Dec 2022 19:55

Instrument :
MSVOA_X
ClientSampleId :
DUP-01DL



Tgt Ion: 75 Resp: 38106
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

