

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060123\
 Data File : VX035962.D
 Acq On : 01 Jun 2023 16:11
 Operator : JC/MD
 Sample : 03005-02 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-12

Quant Time: Jun 02 01:42:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 31 12:50:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	203214	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	328910	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	287971	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	135612	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	141220	42.795	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	85.600%
35) Dibromofluoromethane	5.385	113	100348	45.361	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.720%
50) Toluene-d8	8.647	98	385880	48.602	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.200%
62) 4-Bromofluorobenzene	11.079	95	146631	46.784	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.560%

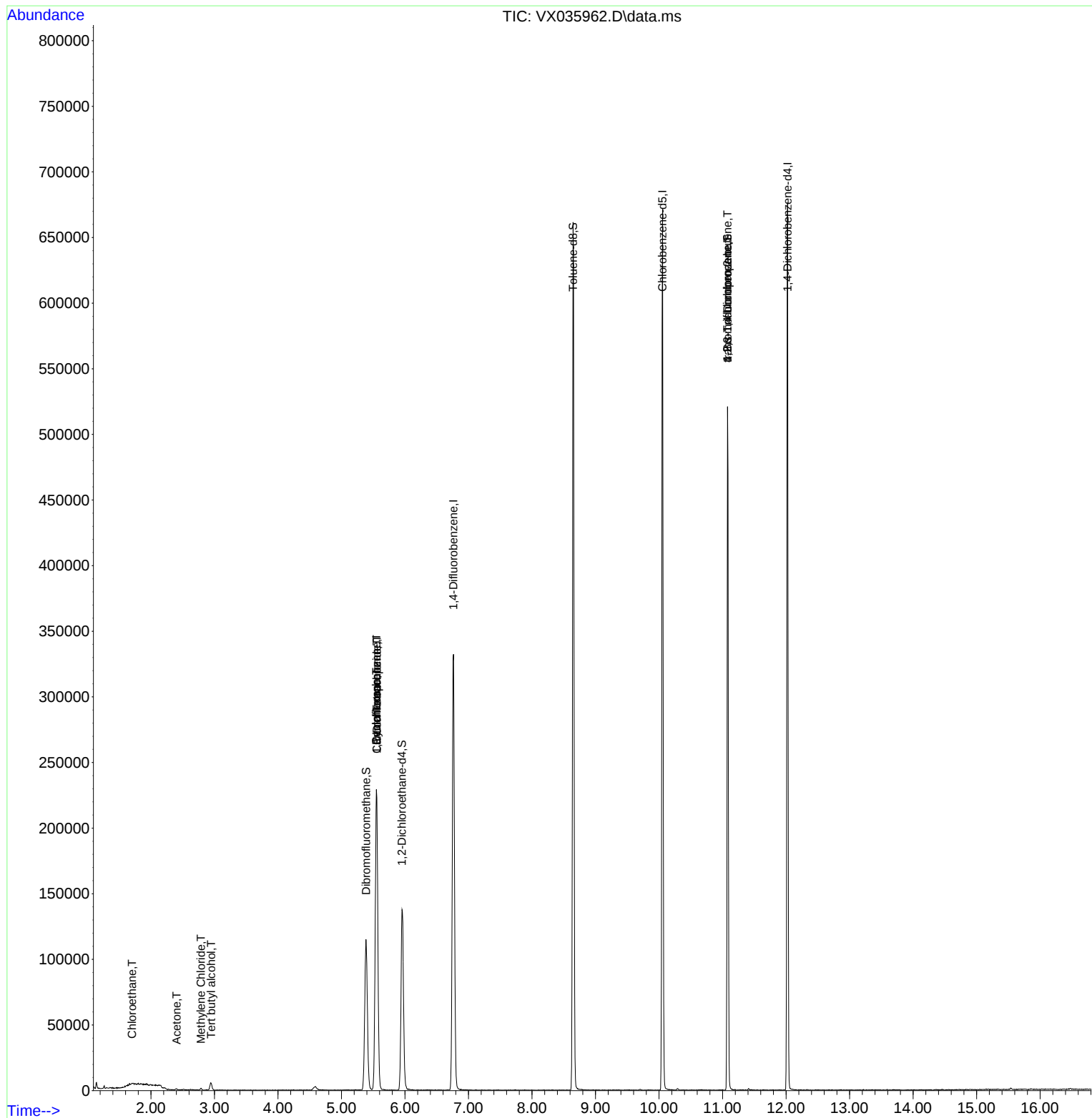
Target Compounds					Qvalue	
6) Chloroethane	1.703	64	1015	0.723	ug/l #	87
11) Tert butyl alcohol	2.947	59	3374	5.757	ug/l #	78
16) Acetone	2.404	43	1198	0.880	ug/l	95
20) Methylene Chloride	2.788	84	564	0.215	ug/l #	84
31) Cyclohexane	5.550	56	4798	1.389	ug/l #	6
36) 1,1-Dichloropropene	5.556	75	17561	5.954	ug/l #	52
38) Carbon Tetrachloride	5.556	117	22811	7.936	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	76764	25.097	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	76764	84.536	ug/l #	3

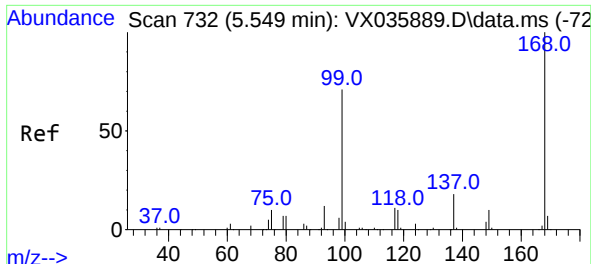
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 02 01:42:10 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
Quant Title : SW846 8260
QLast Update : Wed May 31 12:50:30 2023
Response via : Initial Calibration

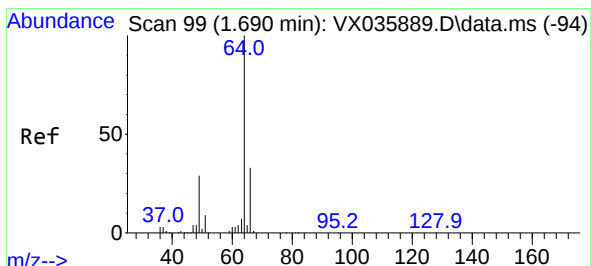
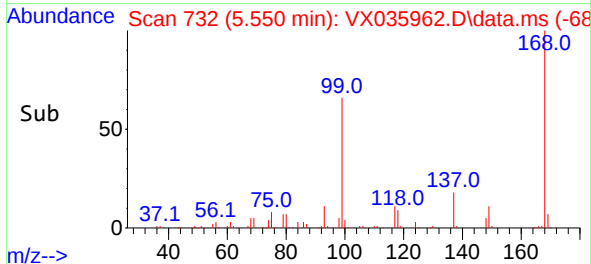
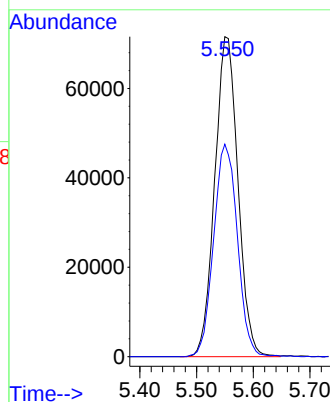
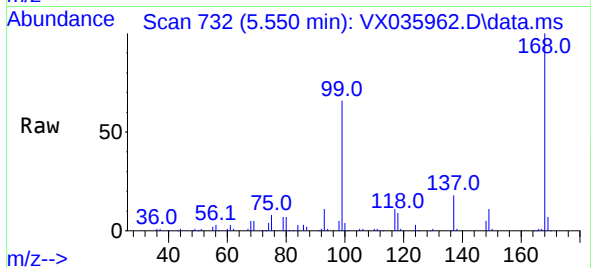




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035962.D
Acq: 01 Jun 2023 16:11

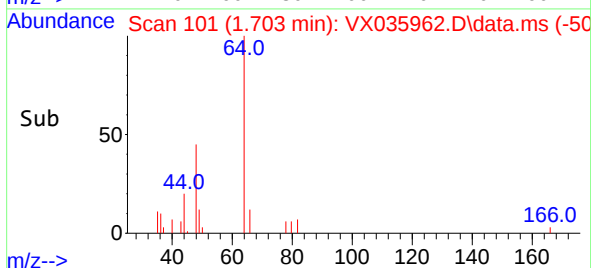
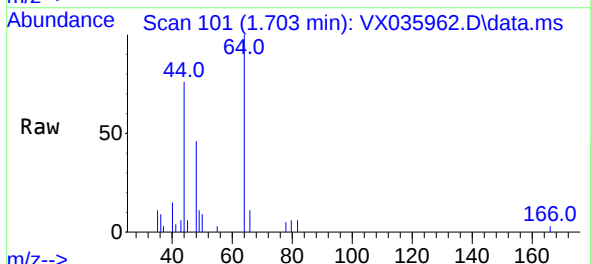
Instrument :
MSVOA_X
ClientSampleId :
TP-12

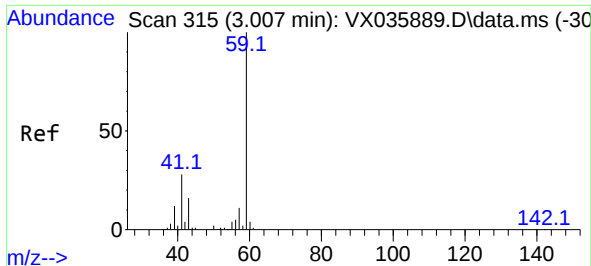
Tgt Ion:168 Resp: 203214
Ion Ratio Lower Upper
168 100
99 66.4 57.0 85.6



#6
Chloroethane
Concen: 0.723 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.013 min
Lab File: VX035962.D
Acq: 01 Jun 2023 16:11

Tgt Ion: 64 Resp: 1015
Ion Ratio Lower Upper
64 100
66 39.6 26.0 39.0#





#11

Tert butyl alcohol

Concen: 5.757 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.060 min

Lab File: VX035962.D

Acq: 01 Jun 2023 16:11

Instrument :

MSVOA_X

ClientSampleId :

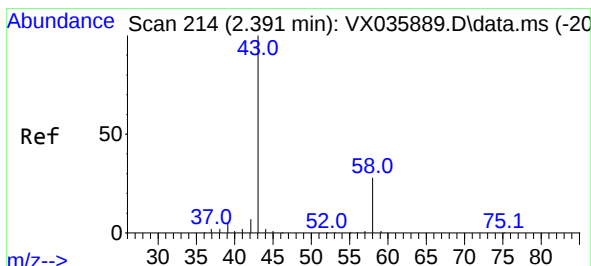
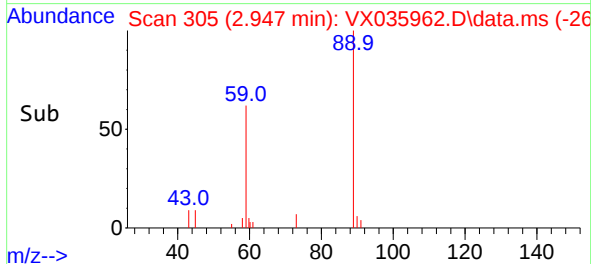
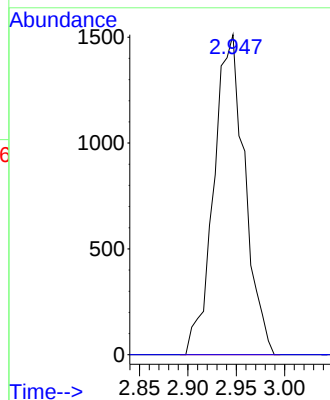
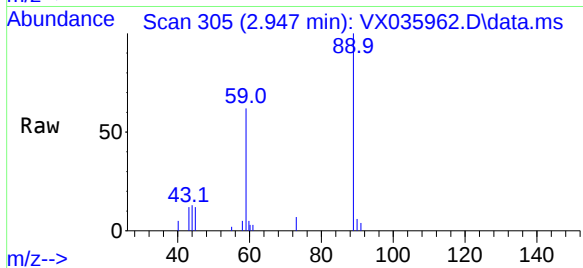
TP-12

Tgt Ion: 59 Resp: 3374

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 0.880 ug/l

RT: 2.404 min Scan# 216

Delta R.T. 0.013 min

Lab File: VX035962.D

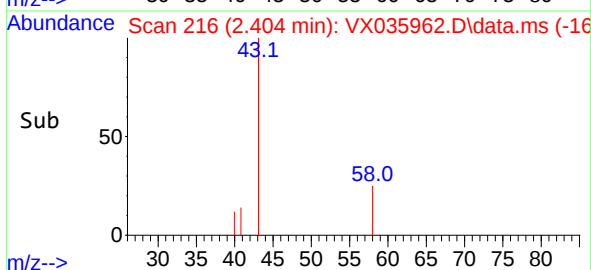
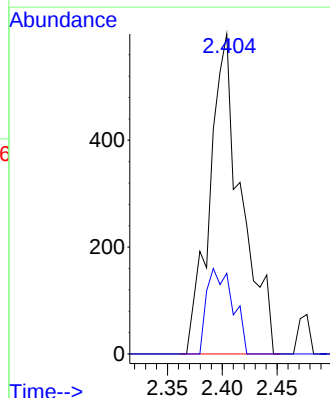
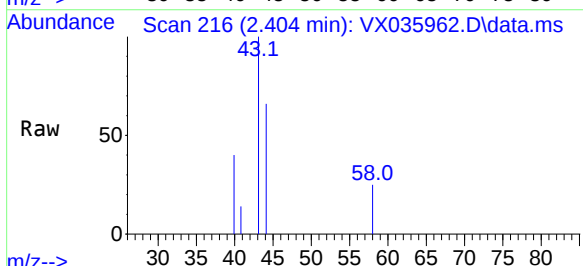
Acq: 01 Jun 2023 16:11

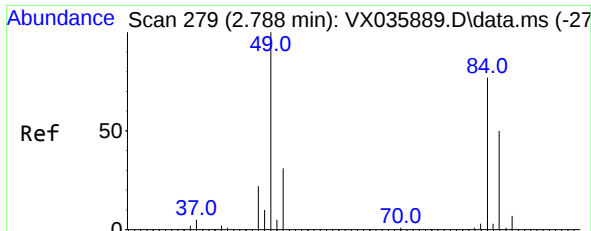
Tgt Ion: 43 Resp: 1198

Ion Ratio Lower Upper

43 100

58 25.2 22.2 33.2





#20

Methylene Chloride

Concen: 0.215 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX035962.D

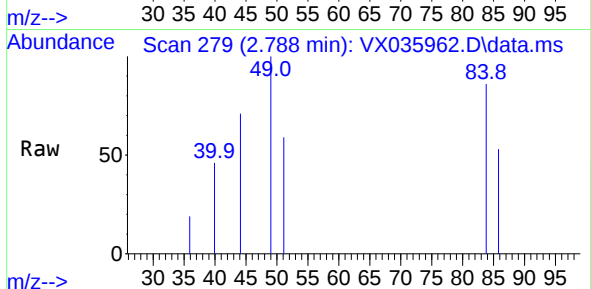
Acq: 01 Jun 2023 16:11

Instrument :

MSVOA_X

ClientSampleId :

TP-12



Tgt Ion: 84 Resp: 564

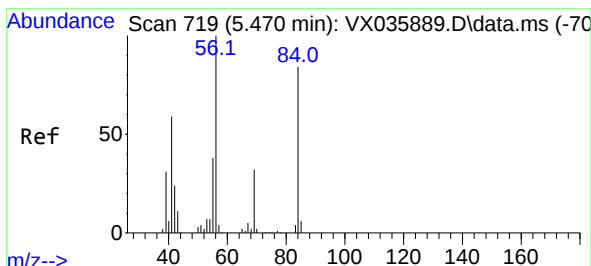
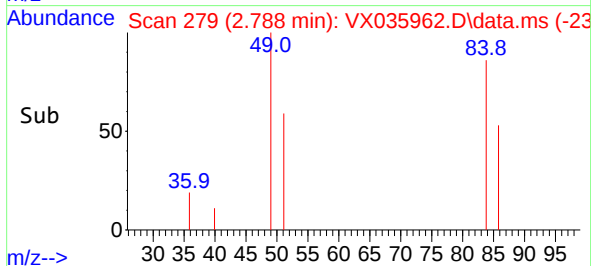
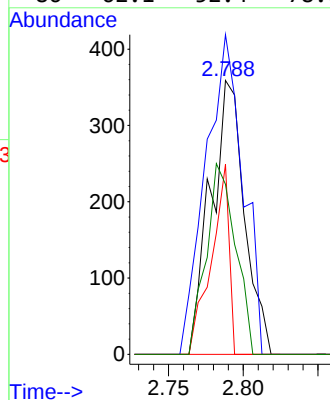
Ion Ratio Lower Upper

84 100

49 116.7 104.6 156.8

51 69.4 32.2 48.4#

86 62.1 52.4 78.6



#31

Cyclohexane

Concen: 1.389 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.080 min

Lab File: VX035962.D

Acq: 01 Jun 2023 16:11

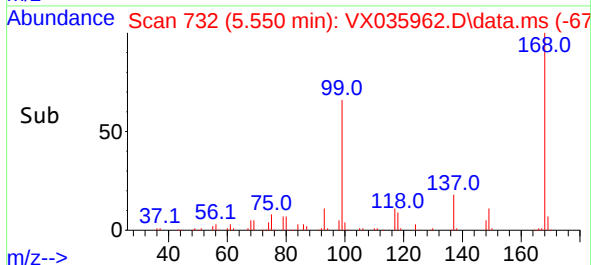
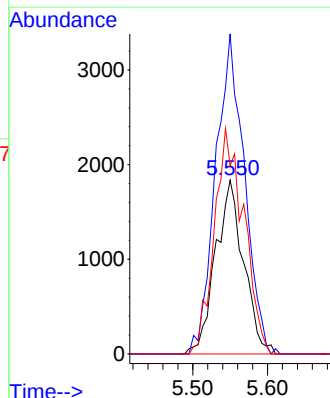
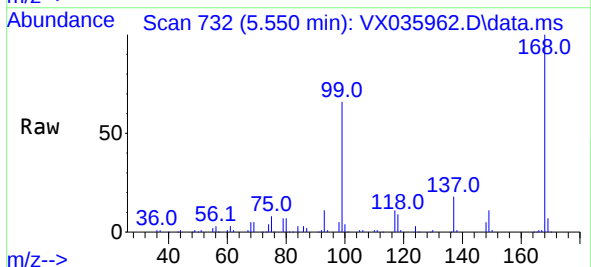
Tgt Ion: 56 Resp: 4798

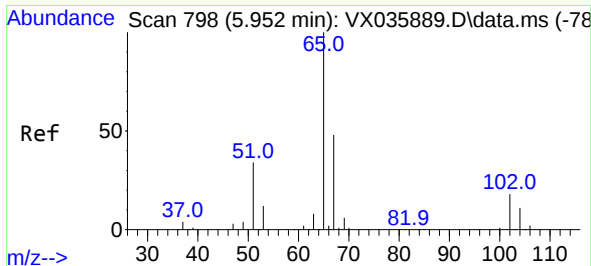
Ion Ratio Lower Upper

56 100

69 184.2 25.9 38.9#

84 108.4 67.6 101.4#

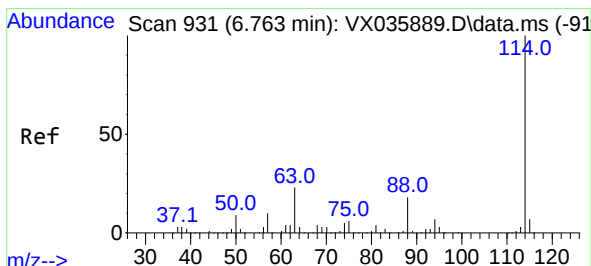
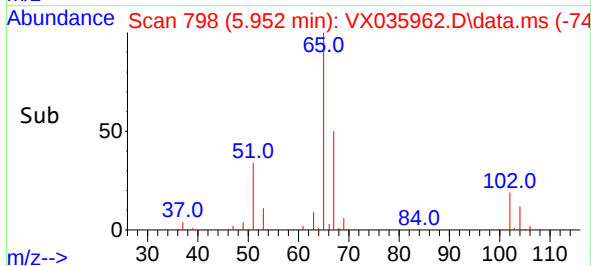
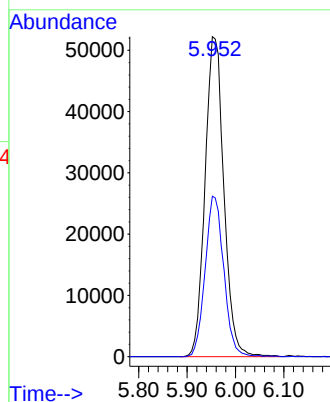
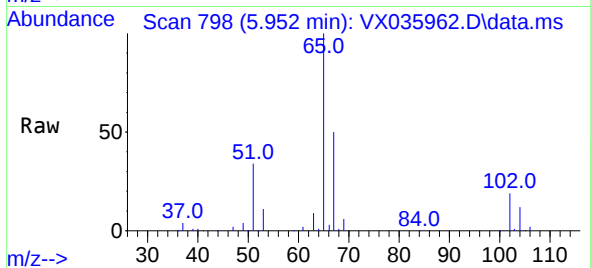




#33
1,2-Dichloroethane-d4
Concen: 42.795 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX035962.D
Acq: 01 Jun 2023 16:11

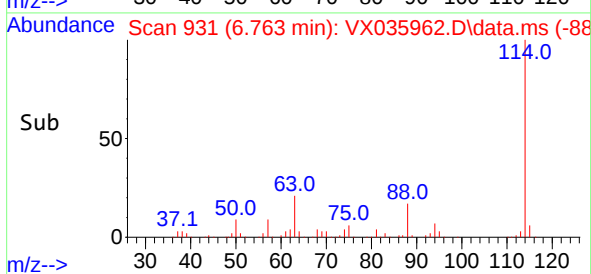
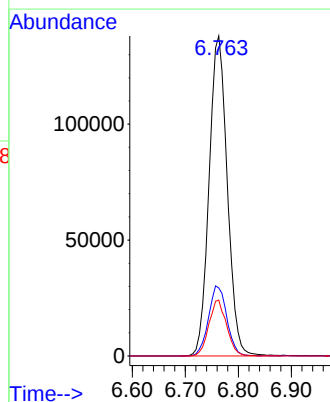
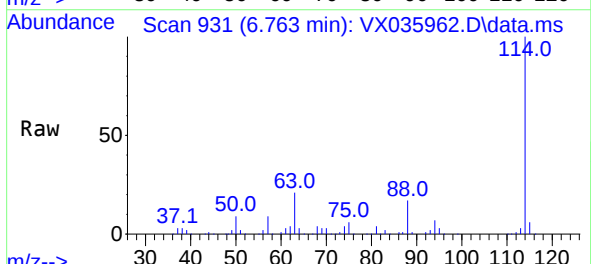
Instrument :
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TP-12

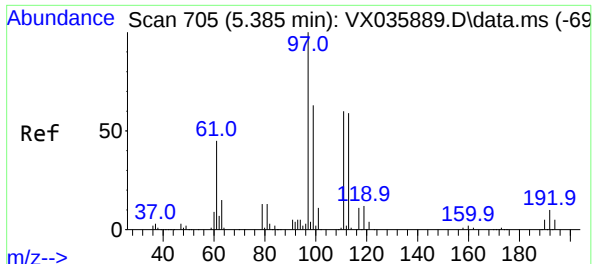
Tgt Ion: 65 Resp: 141220
Ion Ratio Lower Upper
65 100
67 49.6 0.0 99.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX035962.D
Acq: 01 Jun 2023 16:11

Tgt Ion: 114 Resp: 328910
Ion Ratio Lower Upper
114 100
63 21.3 0.0 46.0
88 17.4 0.0 35.2

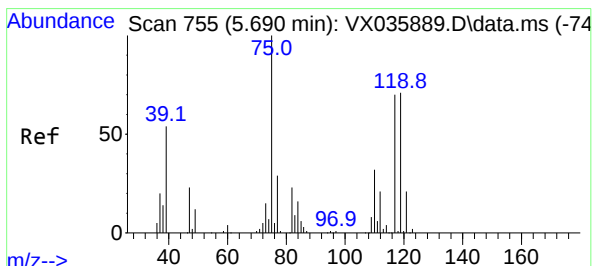
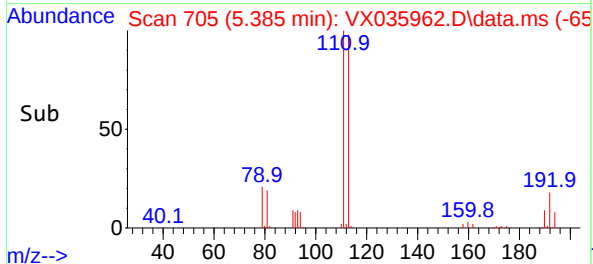
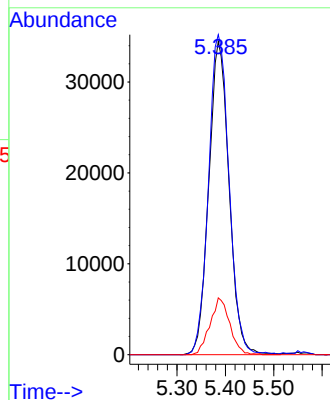
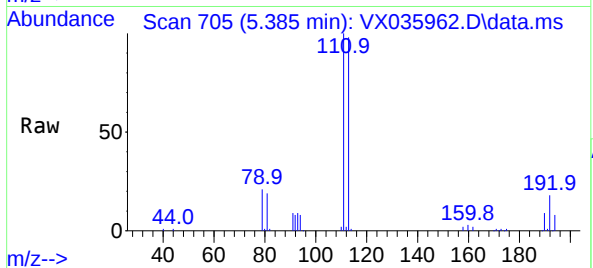




#35
Dibromofluoromethane
Concen: 45.361 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035962.D
Acq: 01 Jun 2023 16:11

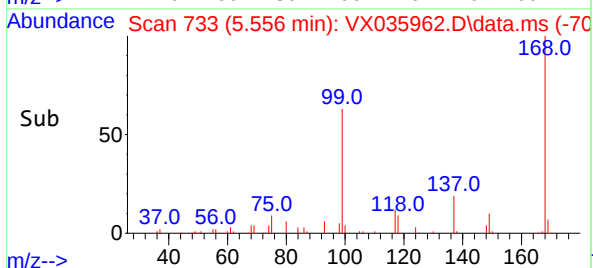
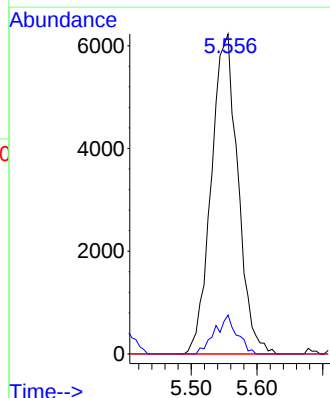
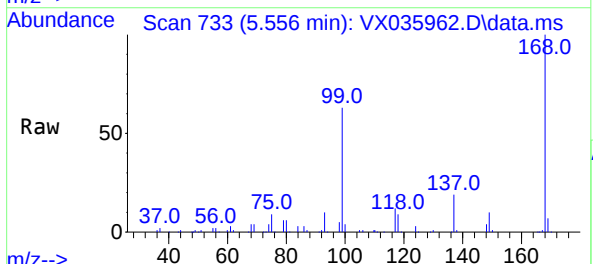
Instrument :
MSVOA_X
ClientSampleId :
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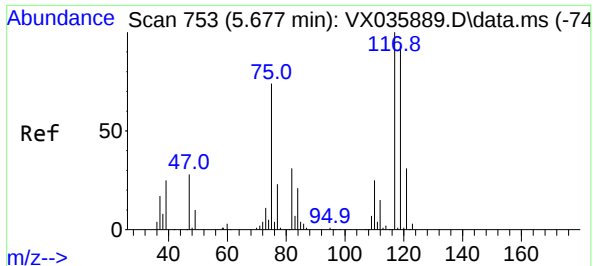
Tgt Ion:113 Resp: 100348
Ion Ratio Lower Upper
113 100
111 103.6 81.7 122.5
192 17.6 13.5 20.3



#36
1,1-Dichloropropene
Concen: 5.954 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX035962.D
Acq: 01 Jun 2023 16:11

Tgt Ion: 75 Resp: 17561
Ion Ratio Lower Upper
75 100
110 10.1 16.6 49.7#
77 0.0 24.4 36.6#

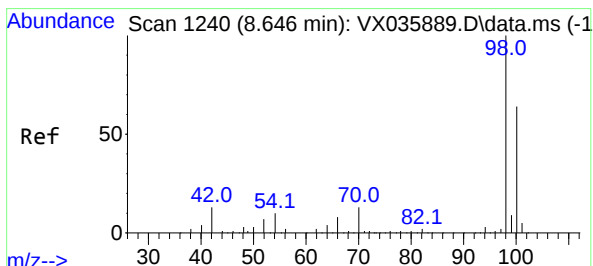
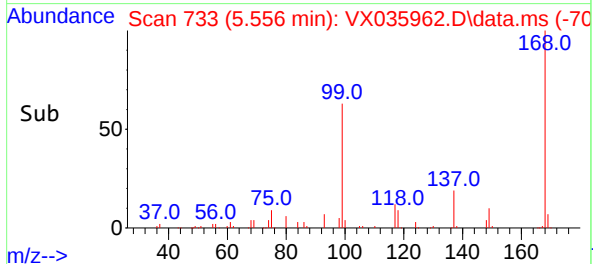
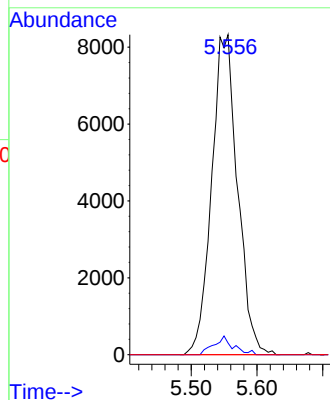
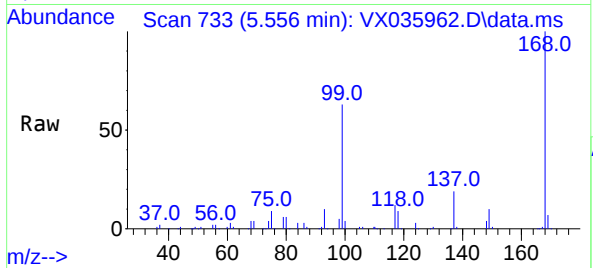




#38
Carbon Tetrachloride
Concen: 7.936 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.121 min
Lab File: VX035962.D
Acq: 01 Jun 2023 16:11

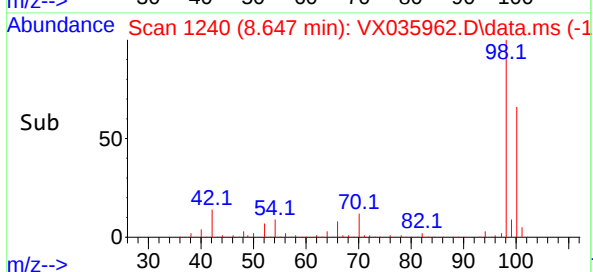
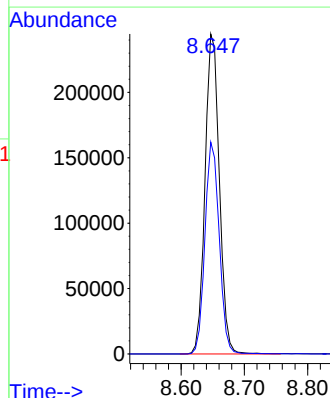
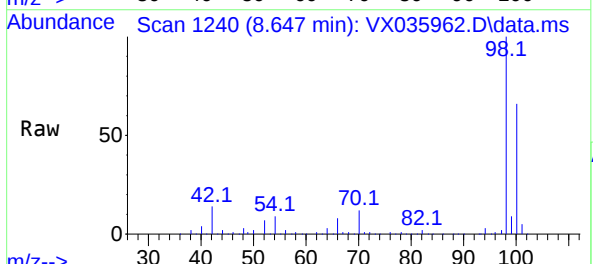
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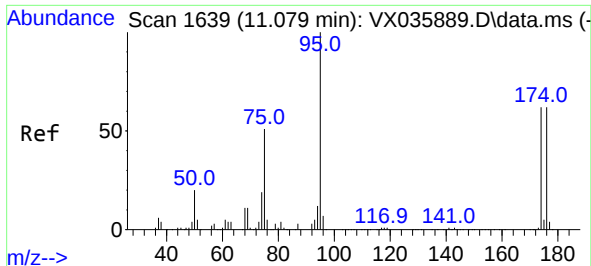
Tgt Ion:117 Resp: 22811
Ion Ratio Lower Upper
117 100
119 3.6 74.1 111.1#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 48.602 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX035962.D
Acq: 01 Jun 2023 16:11

Tgt Ion: 98 Resp: 385880
Ion Ratio Lower Upper
98 100
100 66.0 53.4 80.0

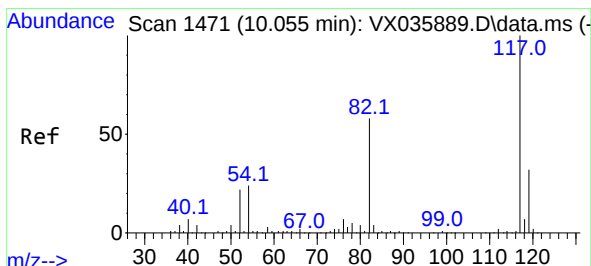
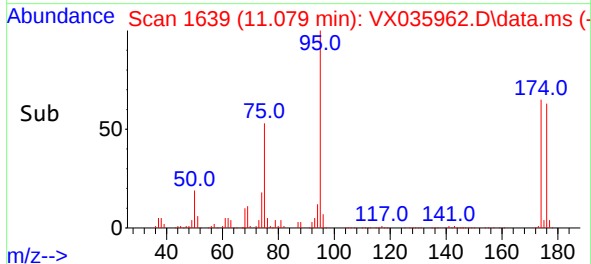
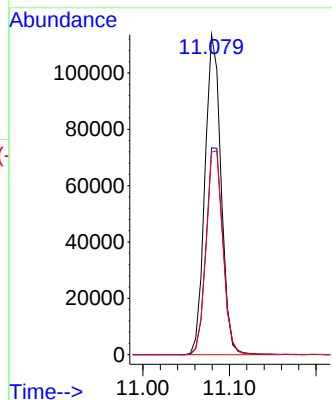
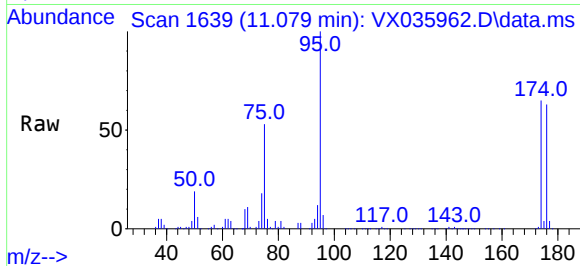




#62
4-Bromofluorobenzene
Concen: 46.784 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX035962.D
Acq: 01 Jun 2023 16:11

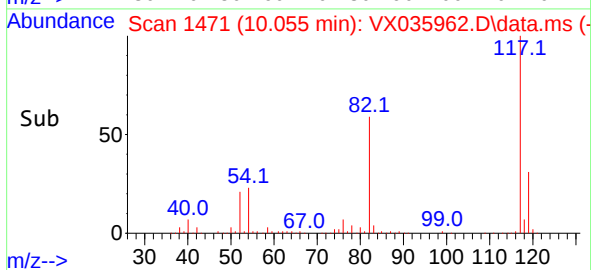
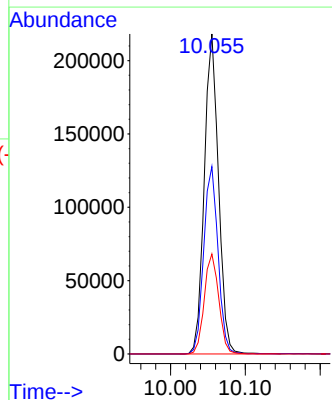
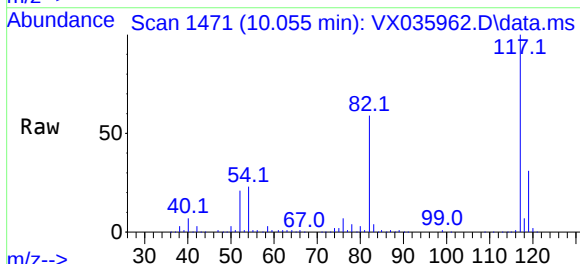
Instrument :
MSVOA_X
ClientSampleId :
TP-12

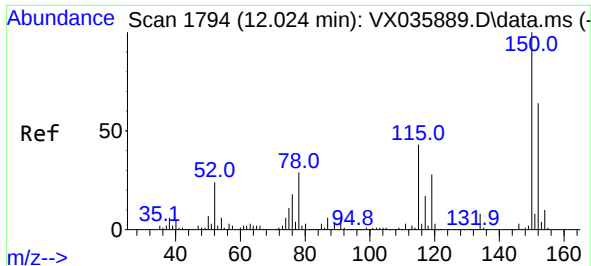
Tgt Ion: 95 Resp: 146631
Ion Ratio Lower Upper
95 100
174 67.5 0.0 132.6
176 66.3 0.0 128.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035962.D
Acq: 01 Jun 2023 16:11

Tgt Ion: 117 Resp: 287971
Ion Ratio Lower Upper
117 100
82 58.5 46.6 69.8
119 31.2 25.4 38.2

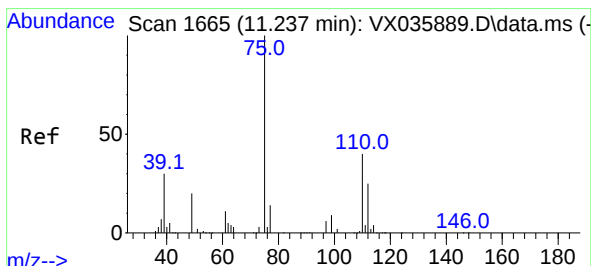
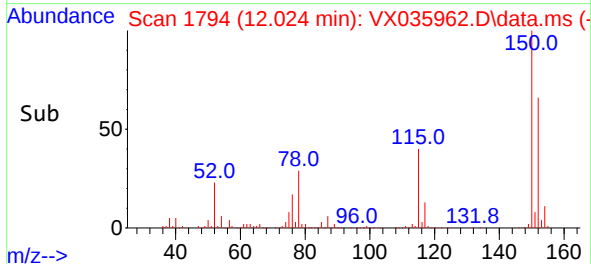
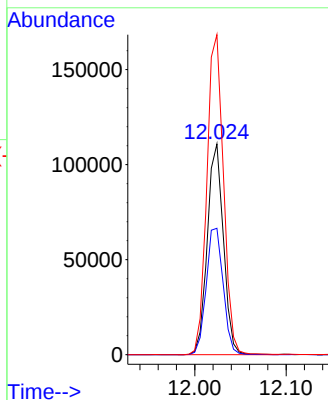
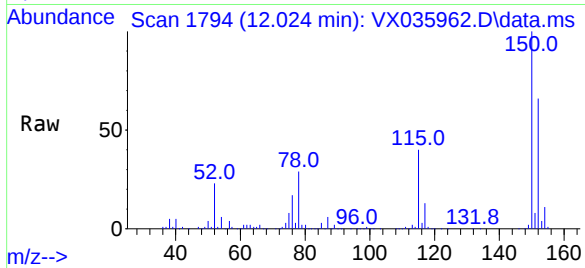




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035962.D
Acq: 01 Jun 2023 16:11

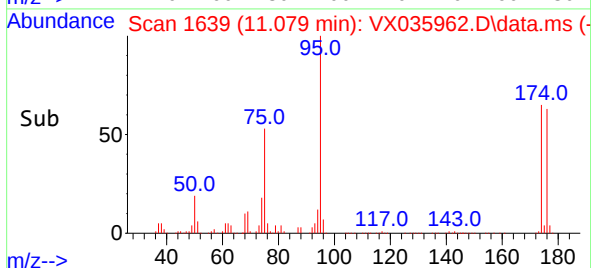
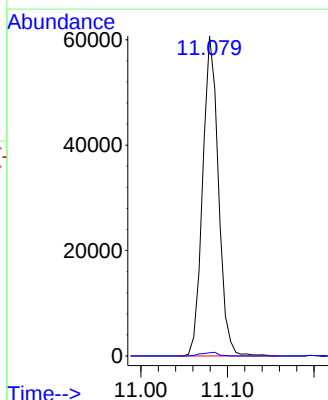
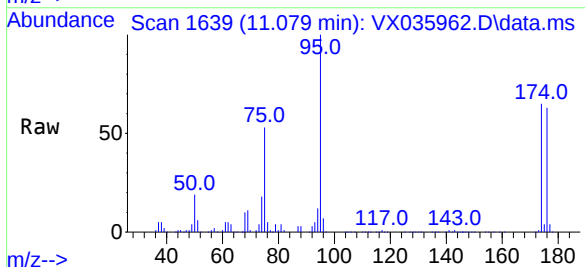
Instrument :
MSVOA_X
ClientSampleId :
TP-12

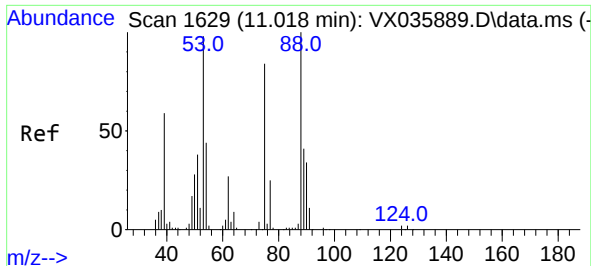
Tgt Ion:152 Resp: 135612
Ion Ratio Lower Upper
152 100
115 63.1 45.5 136.5
150 156.1 0.0 345.2



#76
1,2,3-Trichloropropane
Concen: 25.097 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX035962.D
Acq: 01 Jun 2023 16:11

Tgt Ion: 75 Resp: 76764
Ion Ratio Lower Upper
75 100
77 1.2 21.4 64.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 84.536 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX035962.D
Acq: 01 Jun 2023 16:11

Instrument :
MSVOA_X
ClientSampleId :
TP-12

Tgt Ion: 75 Resp: 76764
Ion Ratio Lower Upper
75 100
53 0.0 95.2 142.8#
89 0.0 38.0 57.0#

