

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081322\
 Data File : VV027361.D
 Acq On : 13 Aug 2022 11:39
 Operator : SY/MD
 Sample : N4161-21
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 13 21:50:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 13 21:49:38 2022
 Response via : Initial Calibration

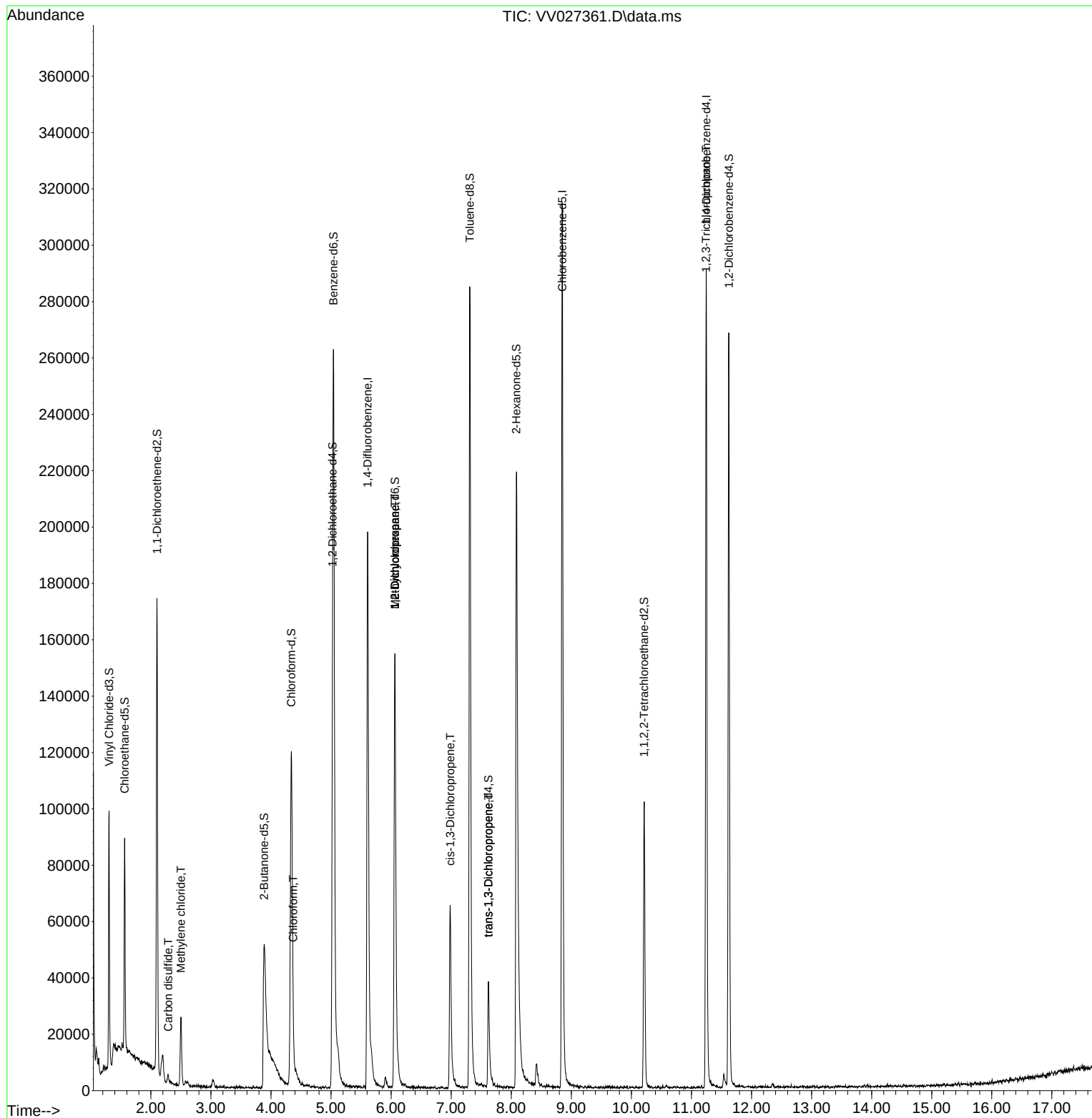
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	175495	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	171734	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	75506	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	61605	4.040	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.800%
7) Chloroethane-d5	1.564	69	47259	4.268	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.400%
11) 1,1-Dichloroethene-d2	2.101	63	86287	3.121	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.400%
20) 2-Butanone-d5	3.886	46	83913	32.497	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	65.000%
24) Chloroform-d	4.339	84	122174	4.369	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
26) 1,2-Dichloroethane-d4	5.024	65	58808	4.414	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
32) Benzene-d6	5.040	84	234874	4.636	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
36) 1,2-Dichloropropane-d6	6.063	67	76718	4.898	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.000%
41) Toluene-d8	7.310	98	199819	4.308	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
43) trans-1,3-Dichloroprop...	7.619	79	24279	4.475	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.400%
46) 2-Hexanone-d5	8.085	63	87537	41.689	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.380%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	48477	4.278	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	67720	5.196	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.000%
Target Compounds						
14) Carbon disulfide	2.291	76	3191	0.063	ug/L #	79
16) Methylene chloride	2.500	84	9798	0.483	ug/L	92
25) Chloroform	4.368	83	4091	0.134	ug/L	96
35) Methylcyclohexane	6.063	83	18128	0.901	ug/L #	16
37) 1,2-Dichloropropane	6.063	63	8991	0.620	ug/L #	86
39) cis-1,3-Dichloropropene	6.985	75	2050	0.116	ug/L	91
44) trans-1,3-Dichloropropene	7.619	75	1193	0.077	ug/L #	81
61) 1,2,3-Trichloropropane	11.242	75	9165	1.260	ug/L #	68

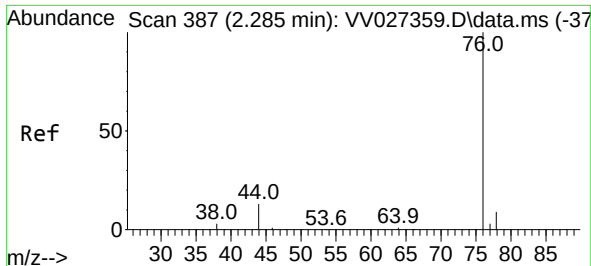
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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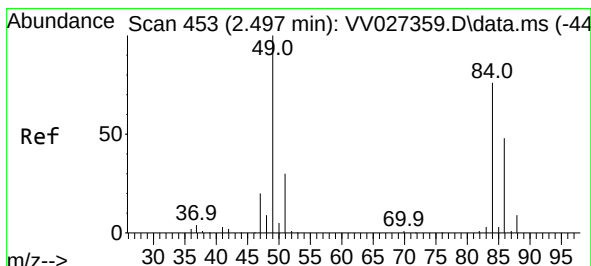
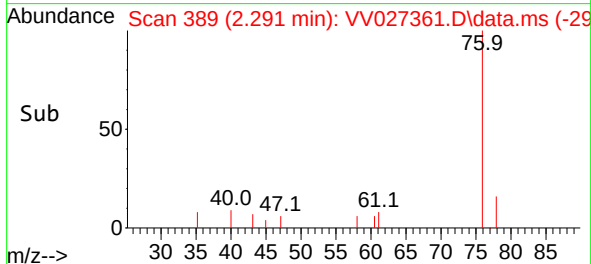
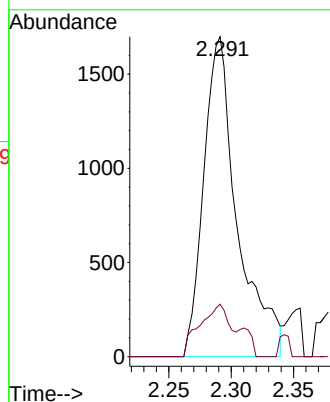
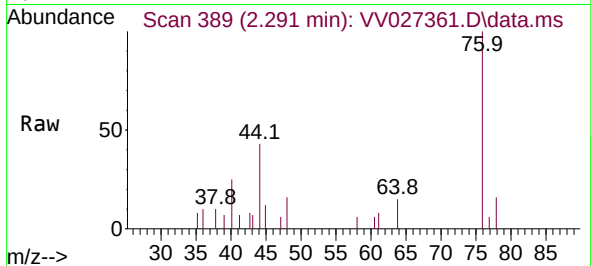




#14
Carbon disulfide
Concen: 0.063 ug/L
RT: 2.291 min Scan# 31
Delta R.T. 0.006 min
Lab File: VV027361.D
Acq: 13 Aug 2022 11:39

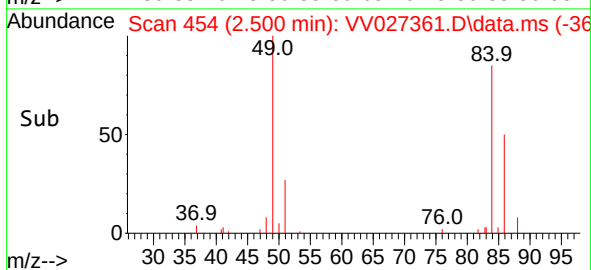
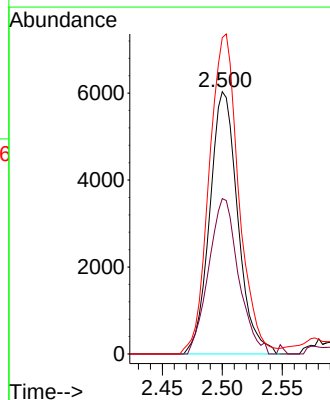
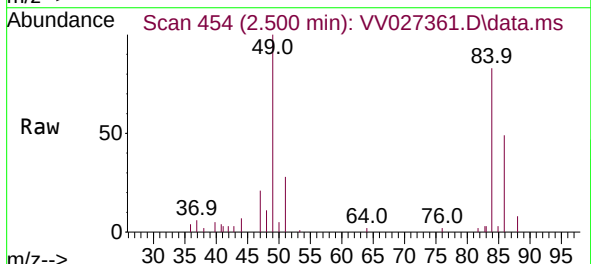
Instrument :
MSVOA_V
ClientSampleId :

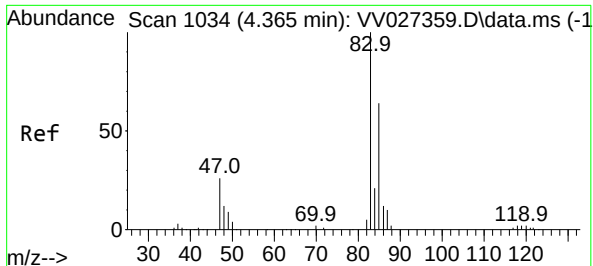
Tgt Ion: 76 Resp: 3191
Ion Ratio Lower Upper
76 100
78 16.4 7.2 10.8#



#16
Methylene chloride
Concen: 0.483 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.003 min
Lab File: VV027361.D
Acq: 13 Aug 2022 11:39

Tgt Ion: 84 Resp: 9798
Ion Ratio Lower Upper
84 100
86 59.2 45.1 83.9
49 120.6 91.2 169.4





#25

Chloroform

Concen: 0.134 ug/L

RT: 4.368 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV027361.D

Acq: 13 Aug 2022 11:39

Instrument :

MSVOA_V

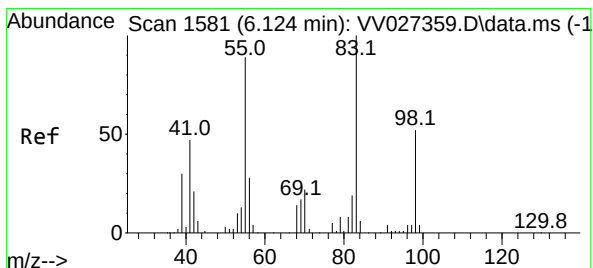
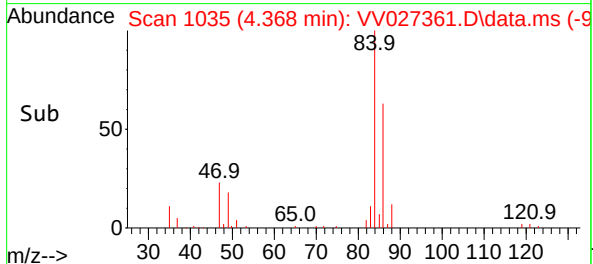
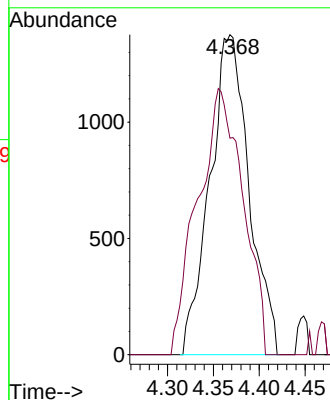
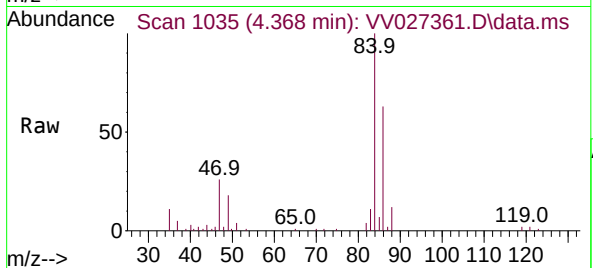
ClientSampleId :

Tgt Ion: 83 Resp: 4091

Ion Ratio Lower Upper

83 100

85 67.7 45.2 84.0



#35

Methylcyclohexane

Concen: 0.901 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.061 min

Lab File: VV027361.D

Acq: 13 Aug 2022 11:39

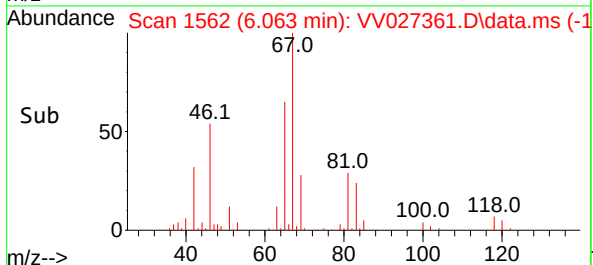
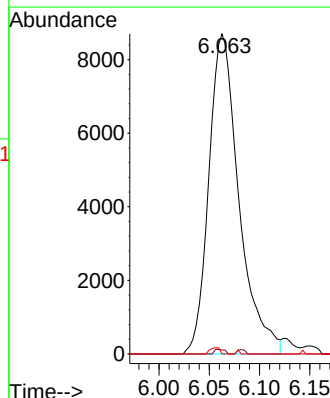
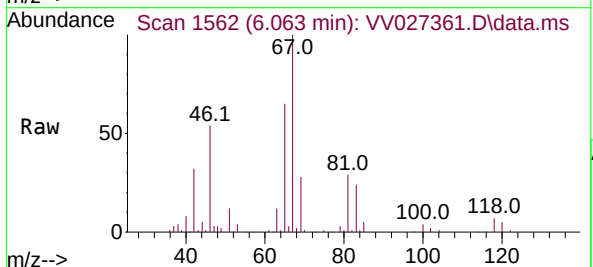
Tgt Ion: 83 Resp: 18128

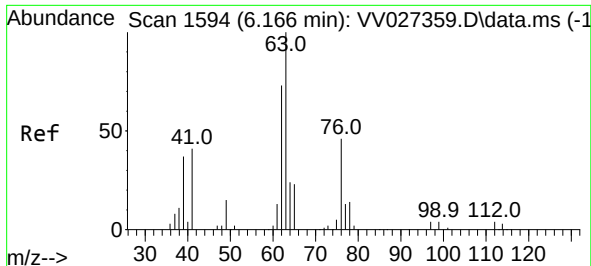
Ion Ratio Lower Upper

83 100

55 0.5 67.0 100.6#

98 0.6 38.7 58.1#





#37

1,2-Dichloropropane

Concen: 0.620 ug/L

RT: 6.063 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV027361.D

Acq: 13 Aug 2022 11:39

Instrument :

MSVOA_V

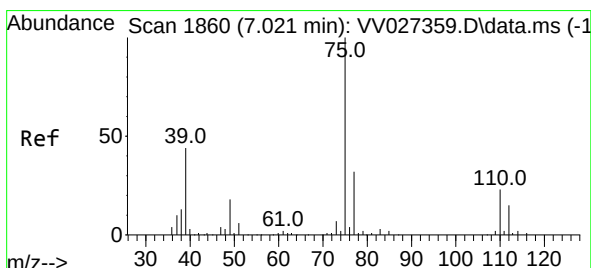
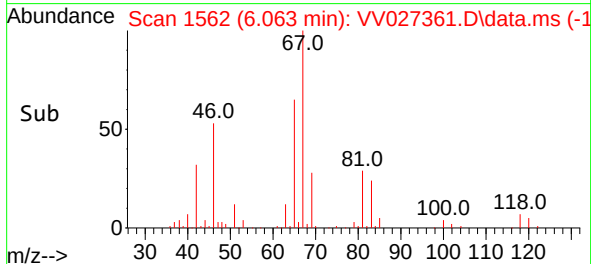
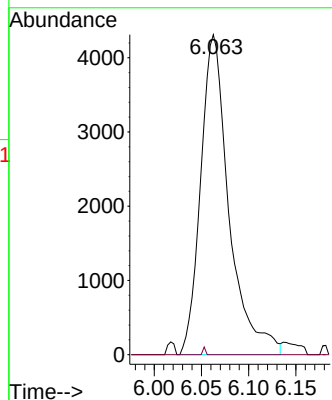
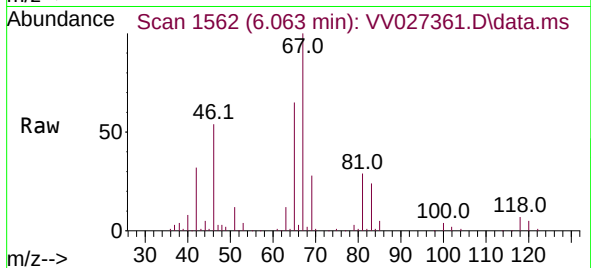
ClientSampleId :

Tgt Ion: 63 Resp: 8991

Ion Ratio Lower Upper

63 100

112 0.2 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 0.116 ug/L

RT: 6.985 min Scan# 1849

Delta R.T. -0.036 min

Lab File: VV027361.D

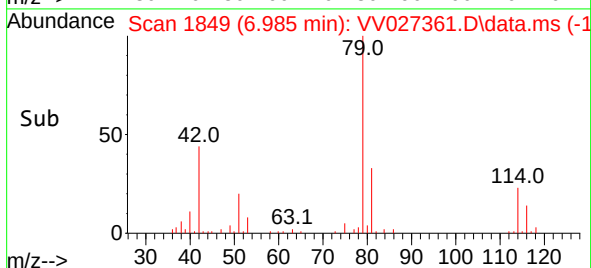
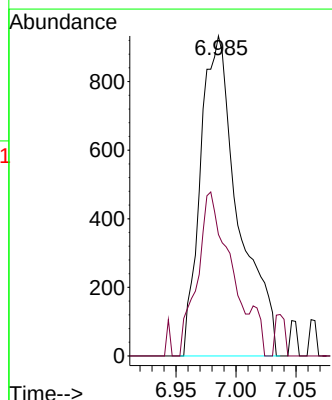
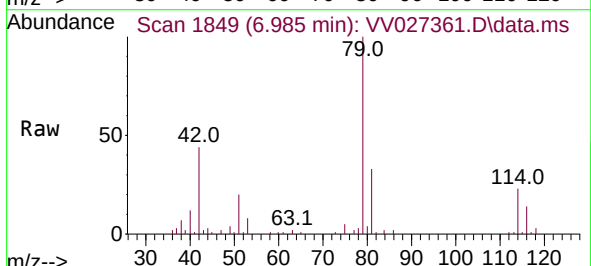
Acq: 13 Aug 2022 11:39

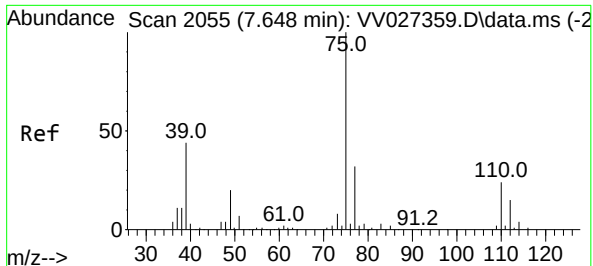
Tgt Ion: 75 Resp: 2050

Ion Ratio Lower Upper

75 100

77 37.9 23.2 43.0

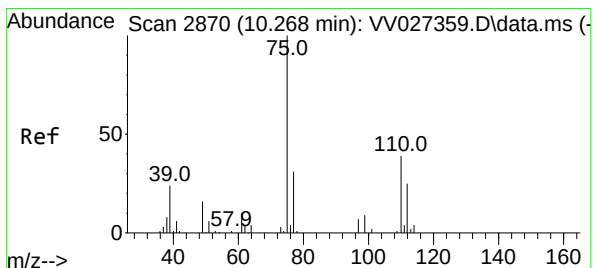
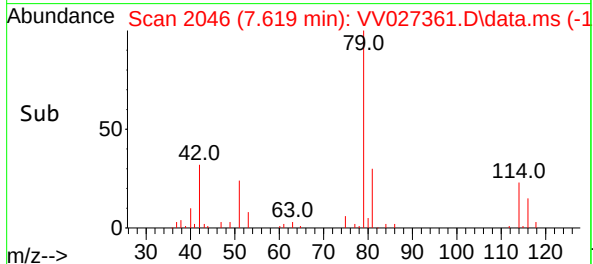
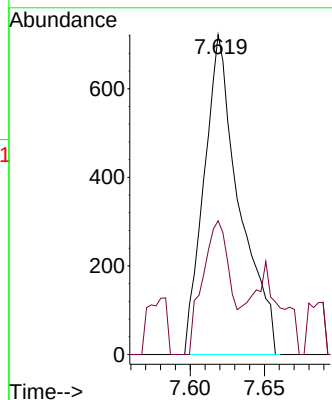
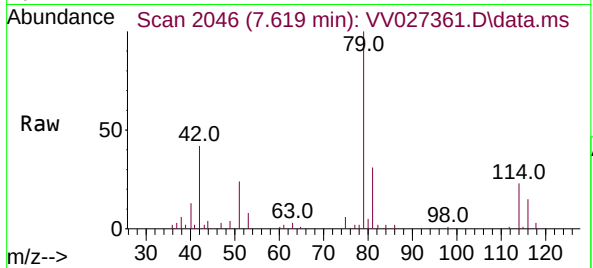




#44
trans-1,3-Dichloropropene
Concen: 0.077 ug/L
RT: 7.619 min Scan# 2055
Delta R.T. -0.029 min
Lab File: VV027361.D
Acq: 13 Aug 2022 11:39

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 1193
Ion Ratio Lower Upper
75 100
77 41.8 21.9 40.7#



#61
1,2,3-Trichloropropane
Concen: 1.260 ug/L
RT: 11.242 min Scan# 3173
Delta R.T. 0.974 min
Lab File: VV027361.D
Acq: 13 Aug 2022 11:39

Tgt Ion: 75 Resp: 9165
Ion Ratio Lower Upper
75 100
77 32.8 26.6 39.8
110 3.4 31.0 46.6#

