

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070622\
 Data File : VV026661.D
 Acq On : 06 Jul 2022 10:51
 Operator : SY/MD
 Sample : N3577-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 07 01:17:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 07 01:16:16 2022
 Response via : Initial Calibration

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

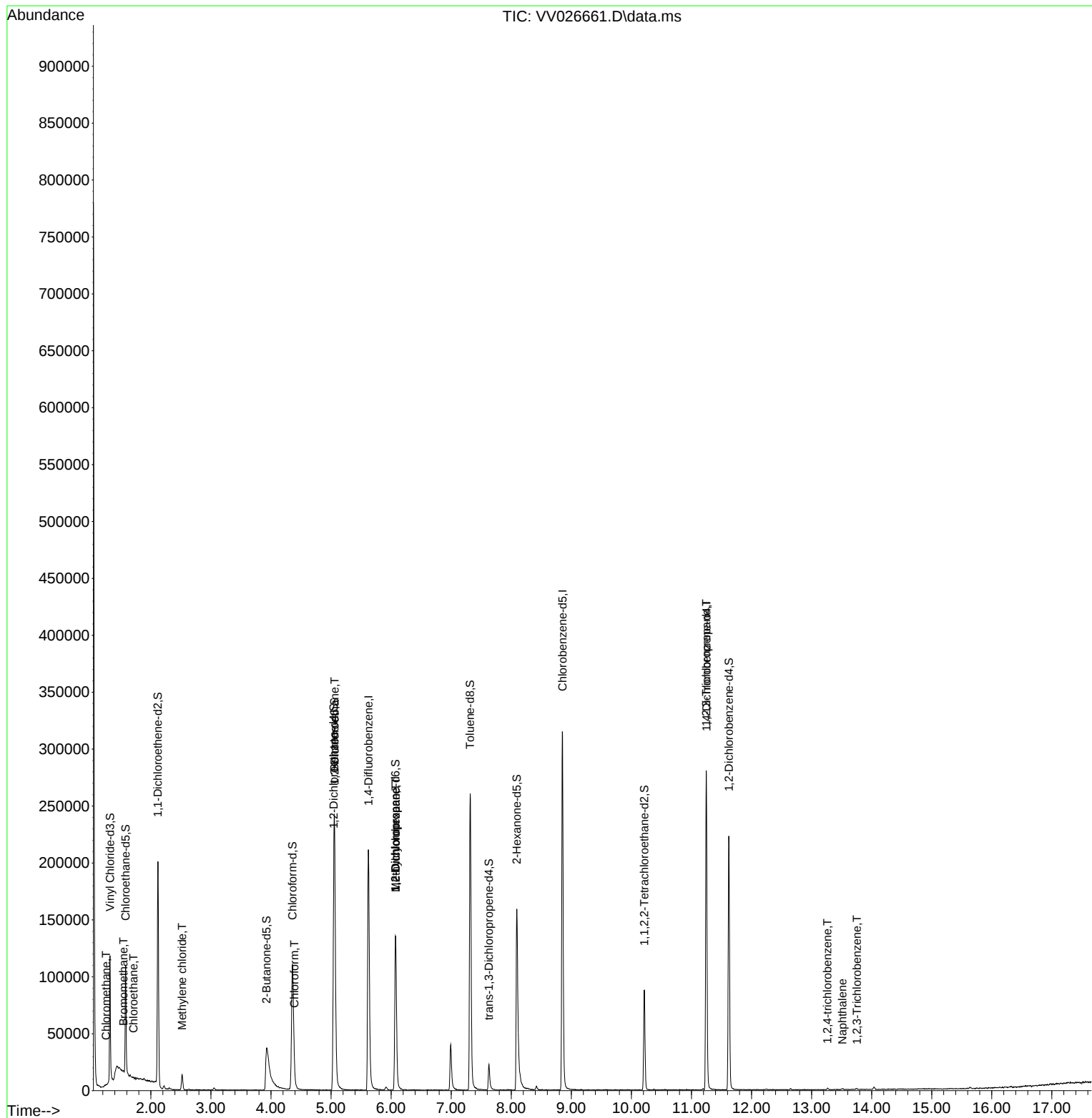
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	194857	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	186884	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	77425	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	73767	4.707	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.200%
7) Chloroethane-d5	1.581	69	62229	4.943	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.800%
11) 1,1-Dichloroethene-d2	2.117	63	102297	3.674	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.400%
20) 2-Butanone-d5	3.928	46	73154	46.954	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.900%
24) Chloroform-d	4.359	84	118921	4.642	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	5.043	65	49481	5.015	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
32) Benzene-d6	5.056	84	236126	4.399	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	6.072	67	71296	4.830	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.600%
41) Toluene-d8	7.317	98	190064	3.937	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.800%
43) trans-1,3-Dichloroprop...	7.629	79	14060	3.685	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.600%
46) 2-Hexanone-d5	8.092	63	56304	38.742	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.480%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	43773	4.533	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	60750	4.741	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.253	50	627	0.039	ug/L #	81
6) Bromomethane	1.542	94	986	0.105	ug/L	90
8) Chloroethane	1.709	64	2224	0.189	ug/L #	53
16) Methylene chloride	2.519	84	6046	0.433	ug/L	95
25) Chloroform	4.388	83	4939	0.191	ug/L	99
27) 1,2-Dichloroethane	5.059	62	1245	0.108	ug/L #	69
35) Methylcyclohexane	6.076	83	17238	0.812	ug/L #	20
37) 1,2-Dichloropropane	6.076	63	7340	0.558	ug/L #	84
61) 1,2,3-Trichloropropane	11.246	75	8608	1.717	ug/L #	65
70) 1,2,4-trichlorobenzene	13.265	180	648	0.055	ug/L	96
71) Naphthalene	13.513	128	1194	0.078	ug/L #	82
72) 1,2,3-Trichlorobenzene	13.754	180	543	0.056	ug/L #	78

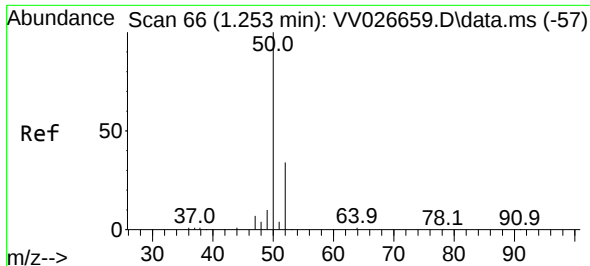
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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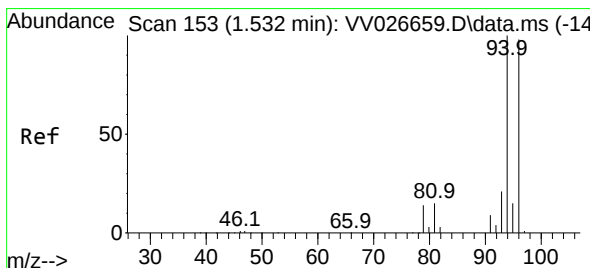
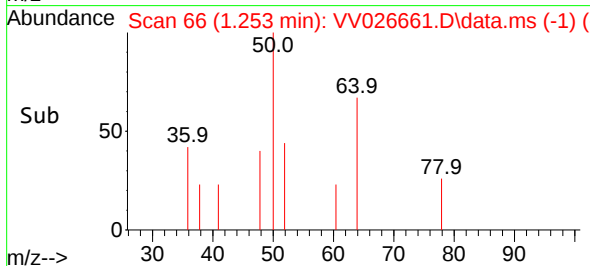
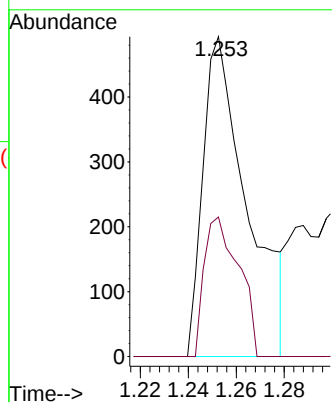
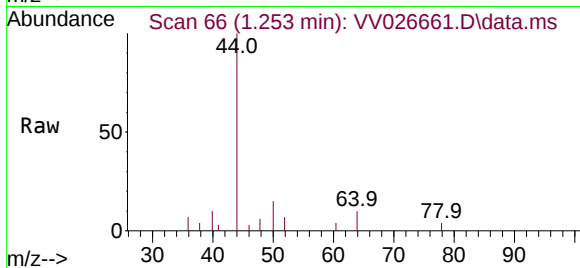




#3
Chloromethane
Concen: 0.039 ug/L
RT: 1.253 min Scan# 60
Delta R.T. -0.000 min
Lab File: VV026661.D
Acq: 06 Jul 2022 10:51

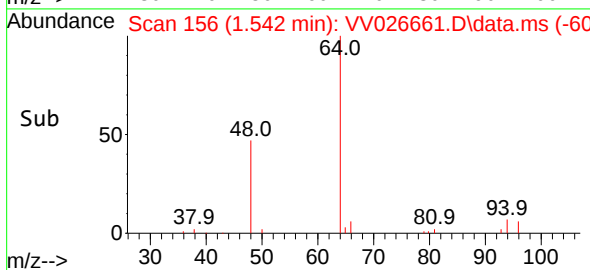
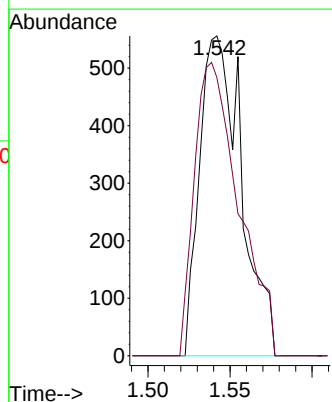
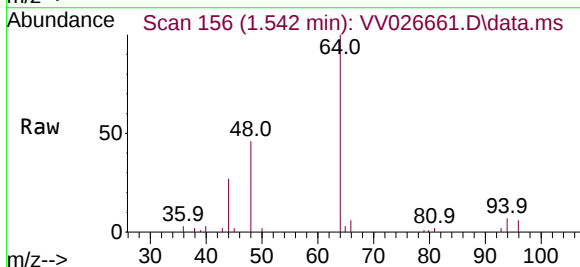
Instrument :
MSVOA_V
ClientSampleId :

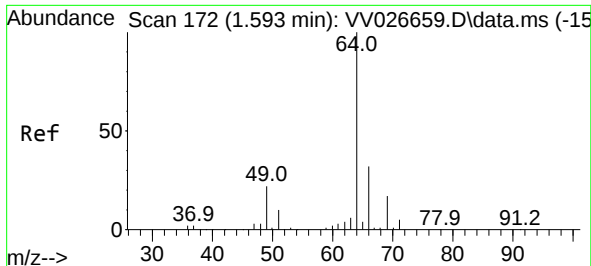
Tgt Ion: 50 Resp: 627
Ion Ratio Lower Upper
50 100
52 43.6 23.0 42.6#



#6
Bromomethane
Concen: 0.105 ug/L
RT: 1.542 min Scan# 156
Delta R.T. 0.010 min
Lab File: VV026661.D
Acq: 06 Jul 2022 10:51

Tgt Ion: 94 Resp: 986
Ion Ratio Lower Upper
94 100
96 87.1 68.0 126.2

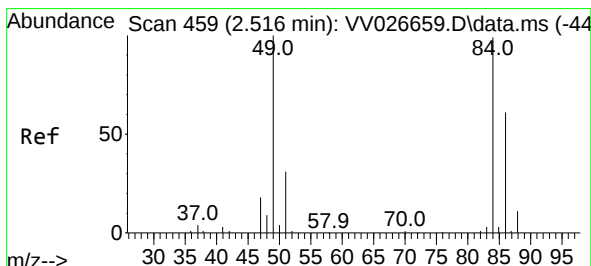
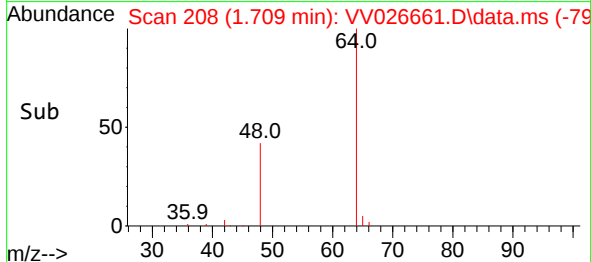
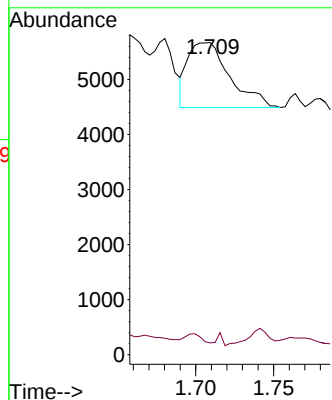
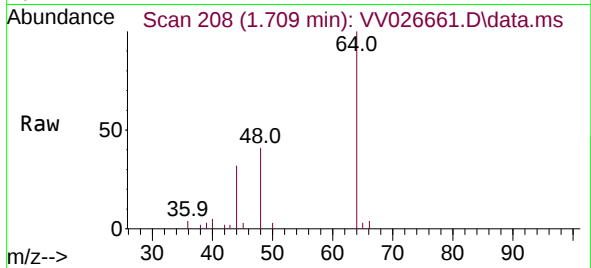




#8
Chloroethane
Concen: 0.189 ug/L
RT: 1.709 min Scan# 20
Delta R.T. 0.116 min
Lab File: VV026661.D
Acq: 06 Jul 2022 10:51

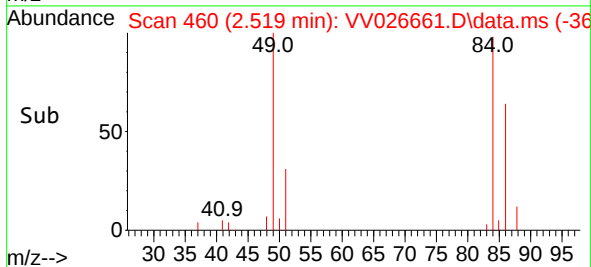
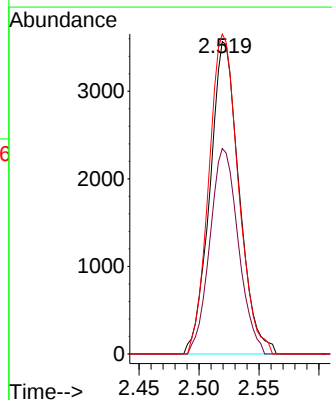
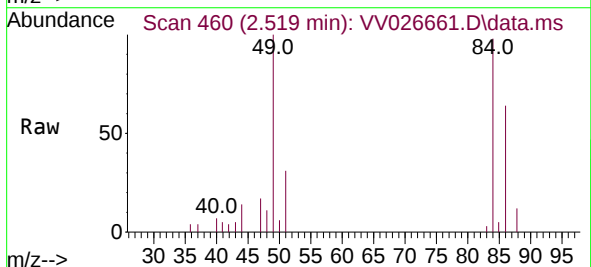
Instrument :
MSVOA_V
ClientSampleId :

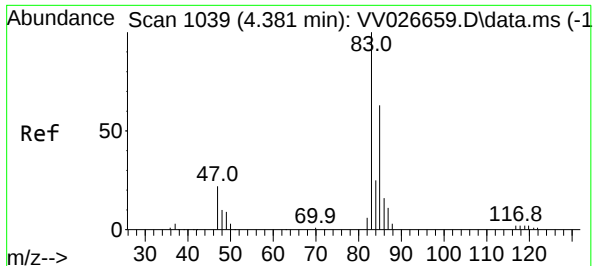
Tgt Ion: 64 Resp: 2224
Ion Ratio Lower Upper
64 100
66 3.8 20.0 37.2#



#16
Methylene chloride
Concen: 0.433 ug/L
RT: 2.519 min Scan# 460
Delta R.T. 0.003 min
Lab File: VV026661.D
Acq: 06 Jul 2022 10:51

Tgt Ion: 84 Resp: 6046
Ion Ratio Lower Upper
84 100
86 65.8 46.0 85.4
49 102.4 77.7 144.3





#25

Chloroform

Concen: 0.191 ug/L

RT: 4.388 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VV026661.D

Acq: 06 Jul 2022 10:51

Instrument :

MSVOA_V

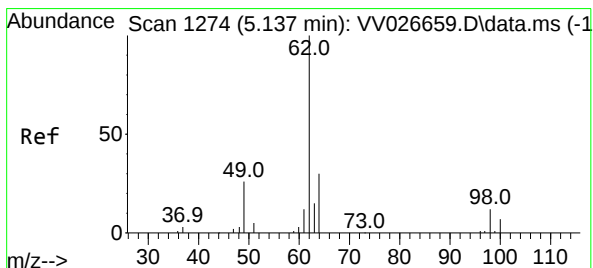
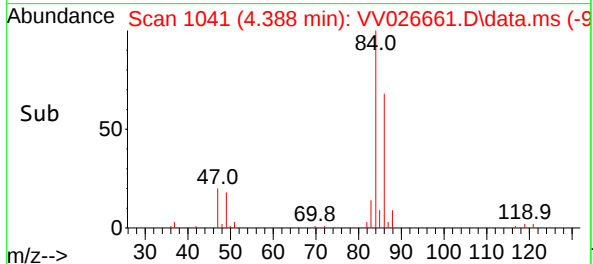
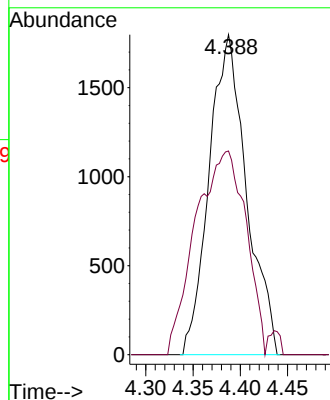
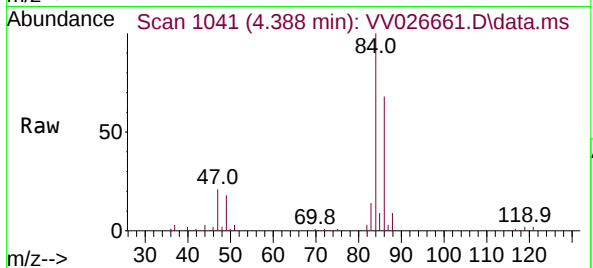
ClientSampleId :

Tgt Ion: 83 Resp: 4939

Ion Ratio Lower Upper

83 100

85 63.6 44.0 81.8



#27

1,2-Dichloroethane

Concen: 0.108 ug/L

RT: 5.059 min Scan# 1250

Delta R.T. -0.077 min

Lab File: VV026661.D

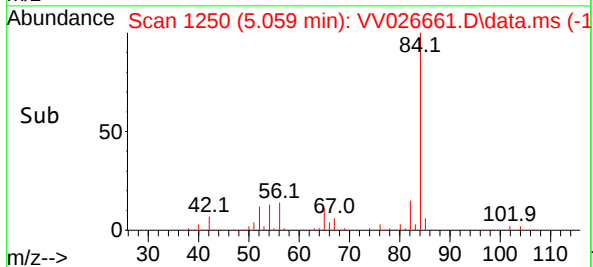
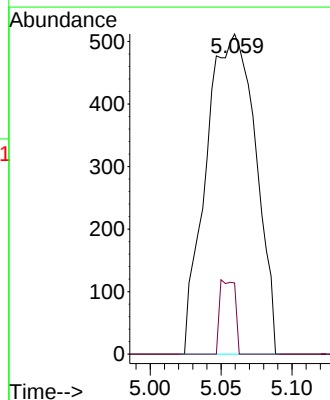
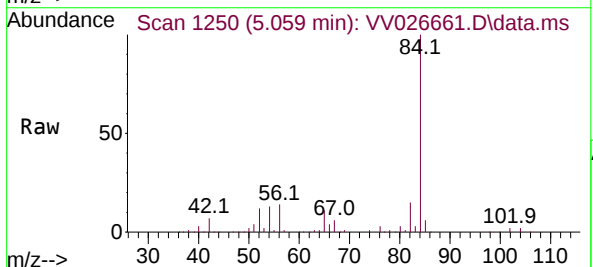
Acq: 06 Jul 2022 10:51

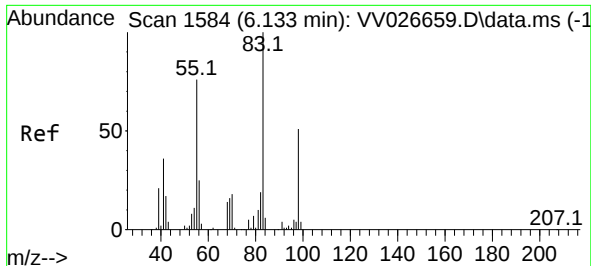
Tgt Ion: 62 Resp: 1245

Ion Ratio Lower Upper

62 100

98 22.3 8.4 12.6#

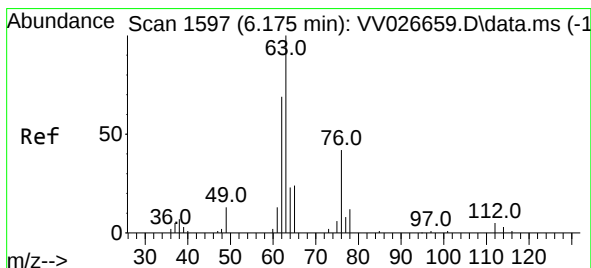
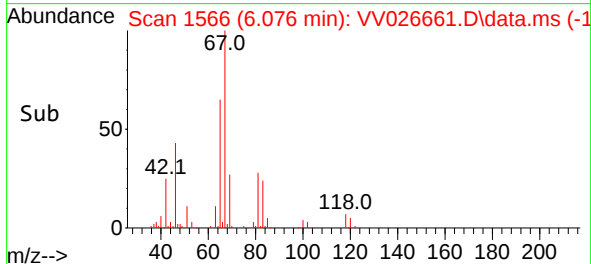
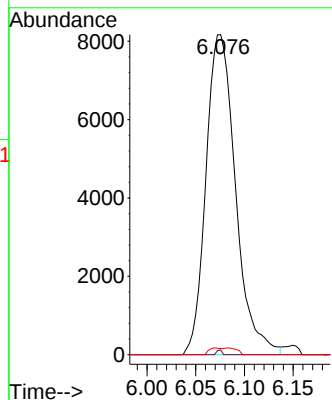
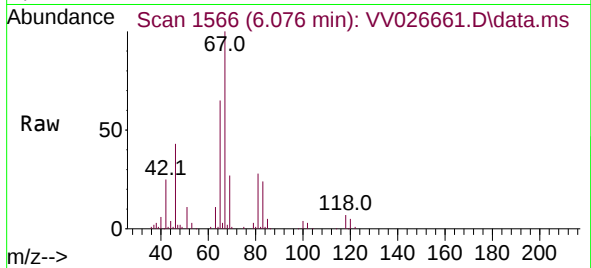




#35
Methylcyclohexane
Concen: 0.812 ug/L
RT: 6.076 min Scan# 1566
Delta R.T. -0.058 min
Lab File: VV026661.D
Acq: 06 Jul 2022 10:51

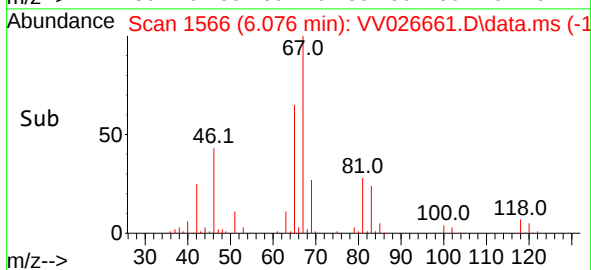
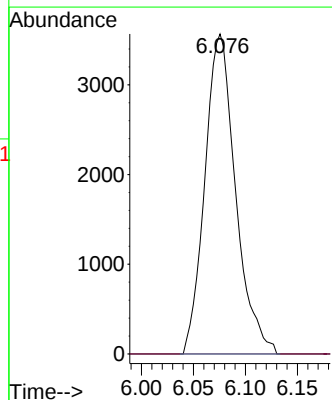
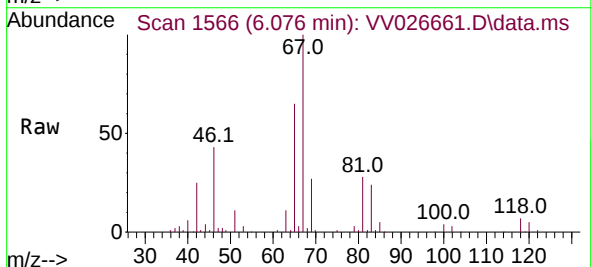
Instrument :
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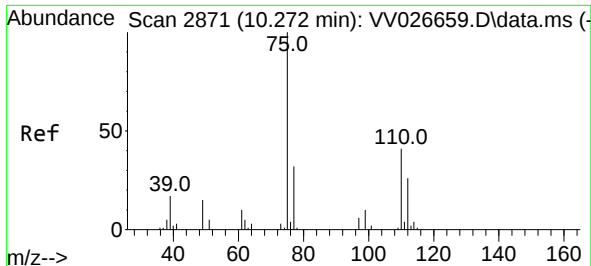
Tgt Ion: 83 Resp: 17238
Ion Ratio Lower Upper
83 100
55 0.3 57.0 85.4#
98 0.8 39.8 59.8#



#37
1,2-Dichloropropane
Concen: 0.558 ug/L
RT: 6.076 min Scan# 1566
Delta R.T. -0.100 min
Lab File: VV026661.D
Acq: 06 Jul 2022 10:51

Tgt Ion: 63 Resp: 7340
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#

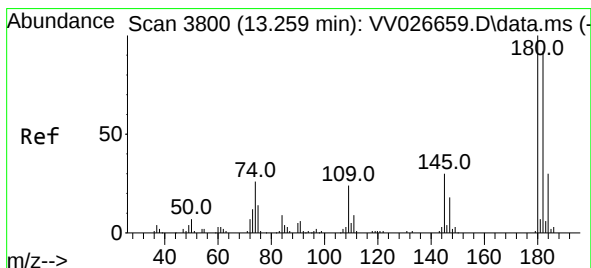
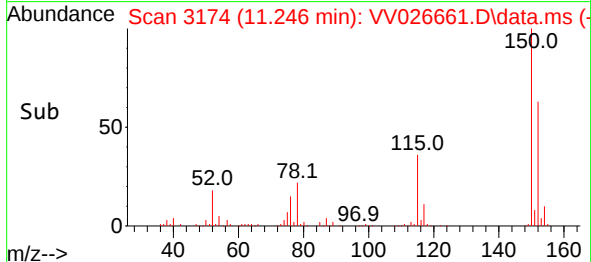
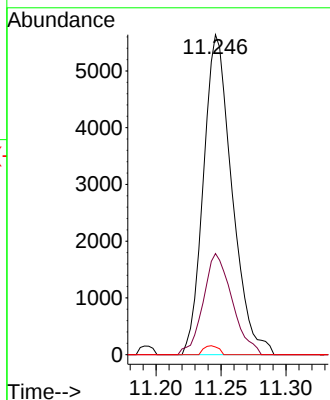
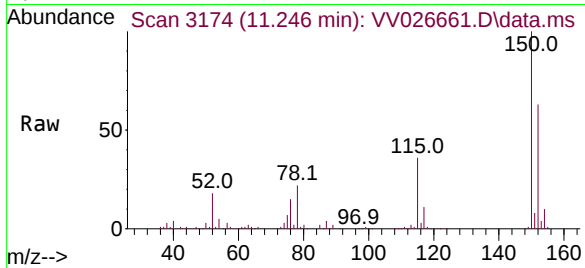




#61
 1,2,3-Trichloropropane
 Concen: 1.717 ug/L
 RT: 11.246 min Scan# 3174
 Delta R.T. 0.974 min
 Lab File: VV026661.D
 Acq: 06 Jul 2022 10:51

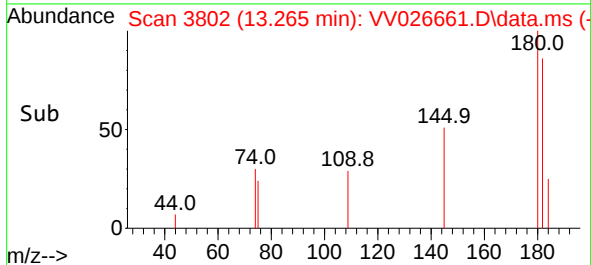
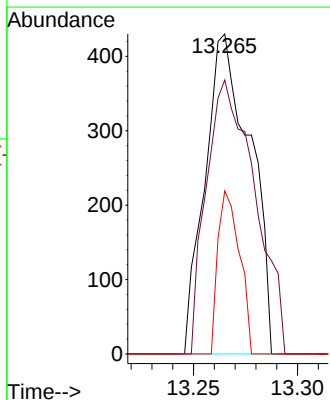
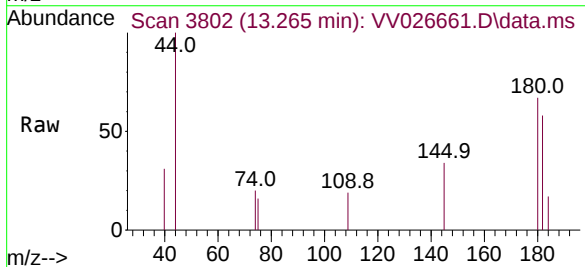
Instrument :
 MSVOA_V
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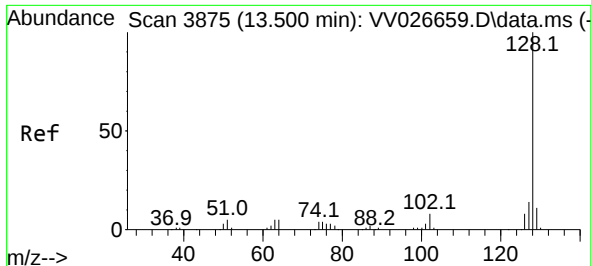
Tgt Ion: 75 Resp: 8608
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.8 38.6
 110 1.5 32.5 48.7#



#70
 1,2,4-trichlorobenzene
 Concen: 0.055 ug/L
 RT: 13.265 min Scan# 3802
 Delta R.T. 0.006 min
 Lab File: VV026661.D
 Acq: 06 Jul 2022 10:51

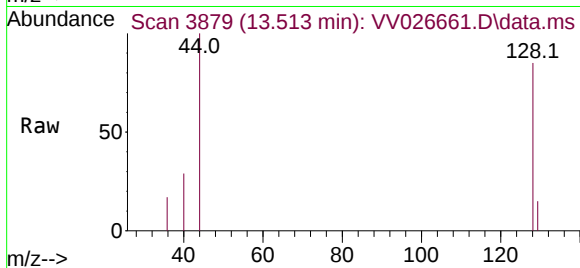
Tgt Ion:180 Resp: 648
 Ion Ratio Lower Upper
 180 100
 182 92.0 75.2 112.8
 145 24.5 24.4 36.6



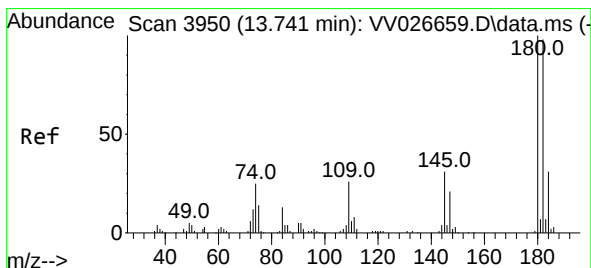
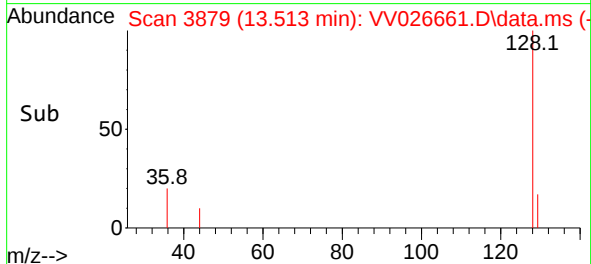
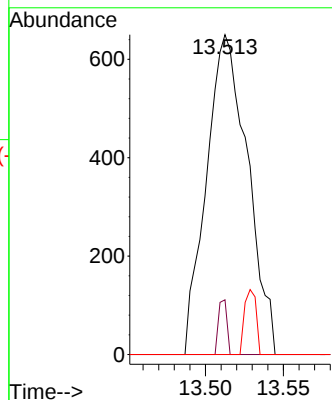


#71
Naphthalene
Concen: 0.078 ug/L
RT: 13.513 min Scan# 3875
Delta R.T. 0.013 min
Lab File: VV026661.D
Acq: 06 Jul 2022 10:51

Instrument :
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Tgt Ion:128 Resp: 1194
Ion Ratio Lower Upper
128 100
129 3.5 8.6 12.8#
127 5.7 10.2 15.4#



#72
1,2,3-Trichlorobenzene
Concen: 0.056 ug/L
RT: 13.754 min Scan# 3954
Delta R.T. 0.013 min
Lab File: VV026661.D
Acq: 06 Jul 2022 10:51

Tgt Ion:180 Resp: 543
Ion Ratio Lower Upper
180 100
182 84.0 76.8 115.2
145 3.5 25.8 38.6#

