

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062322\
 Data File : VW026541.D
 Acq On : 24 Jun 2022 09:24
 Operator : SY/MD
 Sample : VW0623WBL03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK385

Quant Time: Jun 25 02:31:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 25 02:21:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	204360	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	191849	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	82476	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.317	65	74008	4.503	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.000%
7) Chloroethane-d5	1.577	69	62367	4.724	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.400%
11) 1,1-Dichloroethene-d2	2.114	63	101291	3.468	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.400%
20) 2-Butanone-d5	3.928	46	83572	51.147	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.300%
24) Chloroform-d	4.352	84	125122	4.657	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	5.037	65	50013	4.833	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
32) Benzene-d6	5.053	84	251161	4.558	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	6.072	67	74136	4.892	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.800%
41) Toluene-d8	7.314	98	209285	4.223	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.400%
43) trans-1,3-Dichloroprop...	7.625	79	20637	5.269	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.400%
46) 2-Hexanone-d5	8.092	63	64124	42.981	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.960%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	46153	4.656	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	67638	4.956	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.200%
Target Compounds						Qvalue
3) Chloromethane	1.249	50	674	0.040	ug/L	88
6) Bromomethane	1.532	94	966	0.098	ug/L	90
8) Chloroethane	1.487	64	351301	28.506	ug/L #	57
12) 1,1-Dichloroethene	2.121	96	1111	0.080	ug/L #	1
14) Carbon disulfide	2.304	76	3620	0.099	ug/L #	86
27) 1,2-Dichloroethane	5.053	62	1103	0.092	ug/L #	72
35) Methylcyclohexane	6.069	83	17706	0.813	ug/L #	20
37) 1,2-Dichloropropane	6.069	63	7864	0.582	ug/L #	86
39) cis-1,3-Dichloropropene	6.982	75	1481	0.109	ug/L #	73
44) trans-1,3-Dichloropropene	7.632	75	838	0.083	ug/L	89
61) 1,2,3-Trichloropropane	11.188	75	446	0.084	ug/L #	38
68) 1,2-Dibromo-3-chloropr...	12.648	75	174	0.182	ug/L #	1
69) 1,3,5-Trichlorobenzene	12.648	180	1308	0.074	ug/L #	91
70) 1,2,4-trichlorobenzene	13.265	180	1758	0.140	ug/L	97
71) Naphthalene	13.506	128	4797	0.293	ug/L	96
72) 1,2,3-Trichlorobenzene	13.741	180	1741	0.169	ug/L #	92

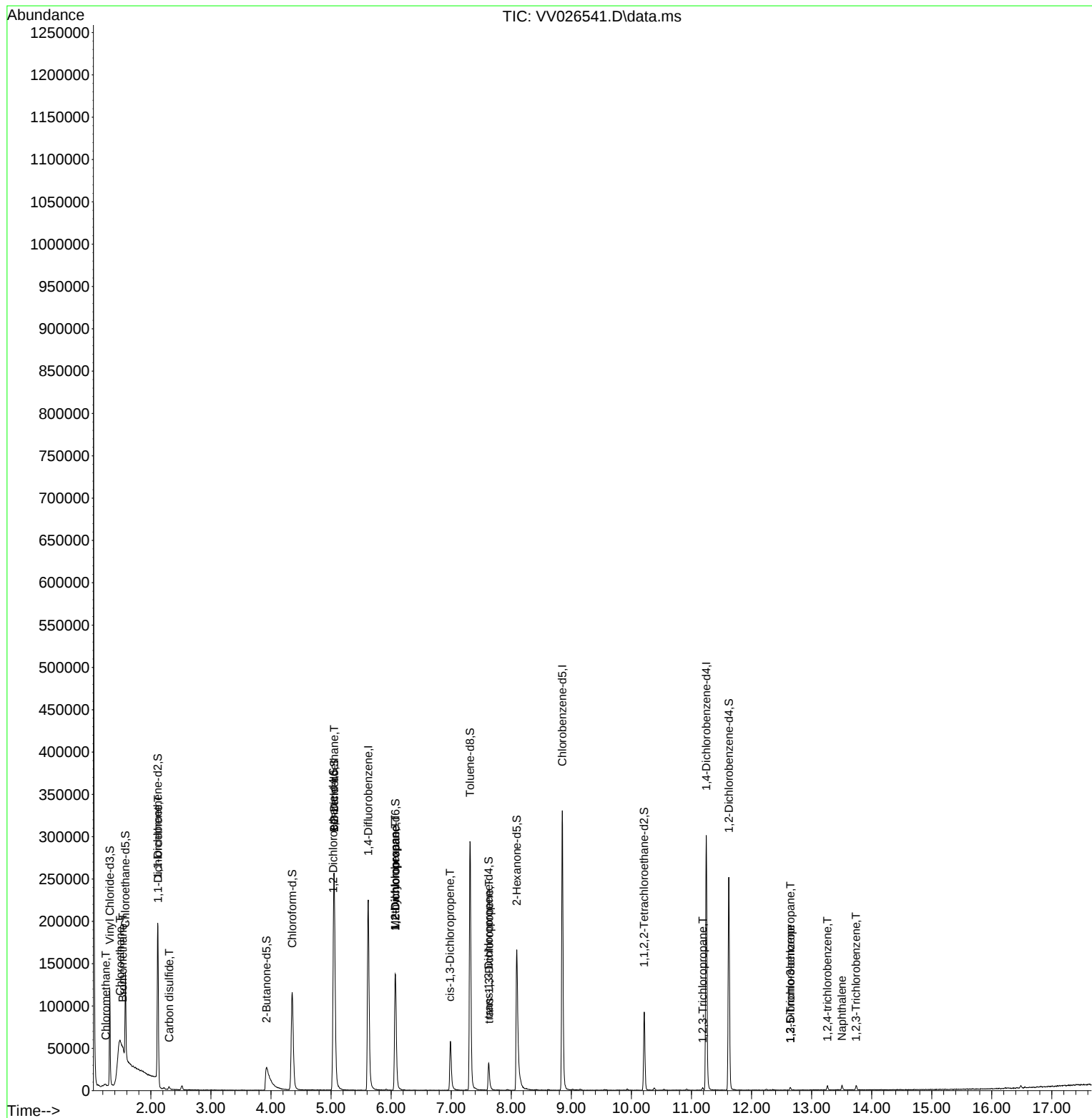
(#) = qualifier out of range (m) = manual integration (+) = signals summed

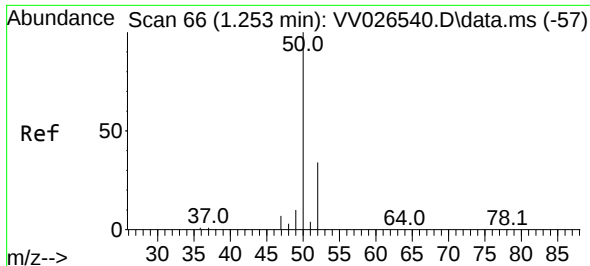
Instrument :
MSVOA_V
ClientSampleId :
VBLK385

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
Data File : VV026541.D
Acq On : 24 Jun 2022 09:24
Operator : SY/MD
Sample : VV0623WBL03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 61 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK385

Quant Time: Jun 25 02:31:55 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jun 25 02:21:54 2022
Response via : Initial Calibration

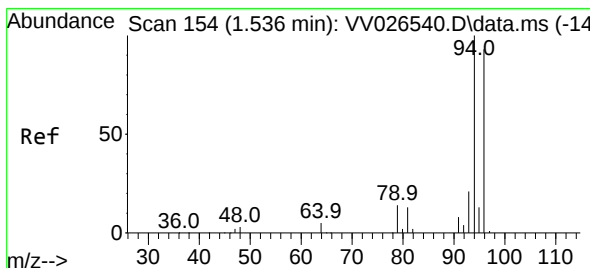
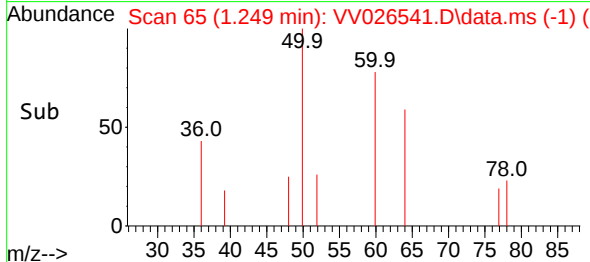
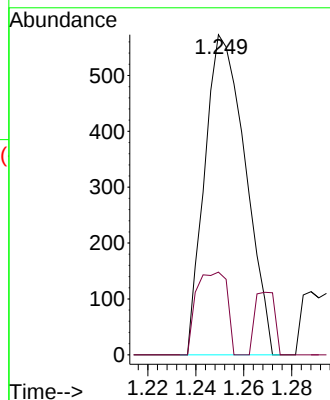
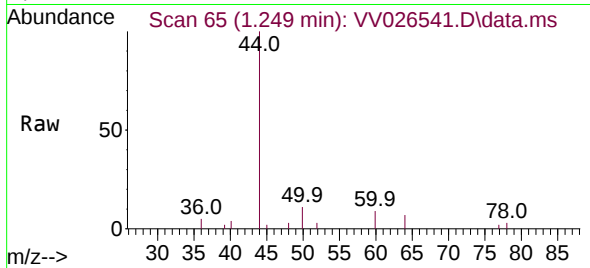




#3
Chloromethane
Concen: 0.040 ug/L
RT: 1.249 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV026541.D
Acq: 24 Jun 2022 09:24

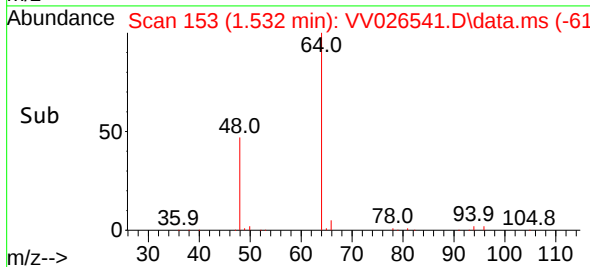
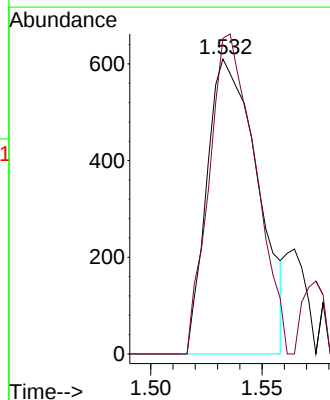
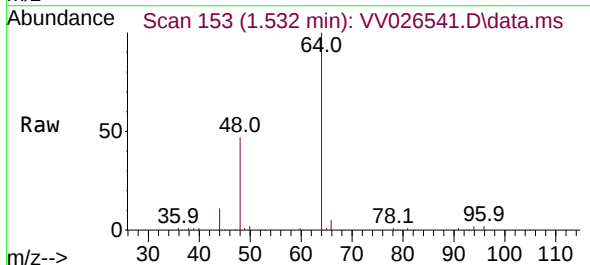
Instrument :
MSVOA_V
ClientSampleId :
VBLK385

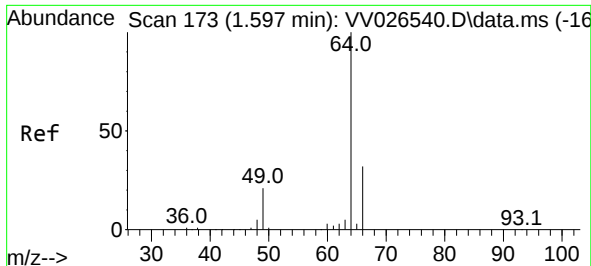
Tgt Ion: 50 Resp: 674
Ion Ratio Lower Upper
50 100
52 25.8 23.0 42.6



#6
Bromomethane
Concen: 0.098 ug/L
RT: 1.532 min Scan# 153
Delta R.T. -0.003 min
Lab File: VV026541.D
Acq: 24 Jun 2022 09:24

Tgt Ion: 94 Resp: 966
Ion Ratio Lower Upper
94 100
96 107.0 68.0 126.2

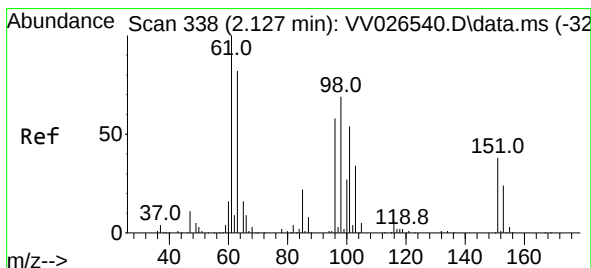
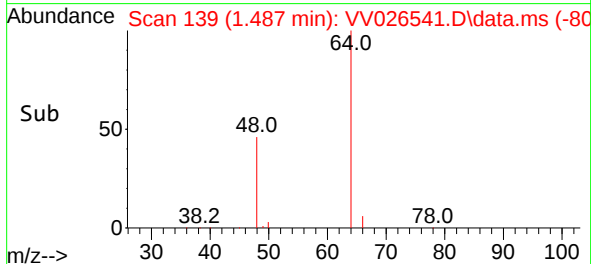
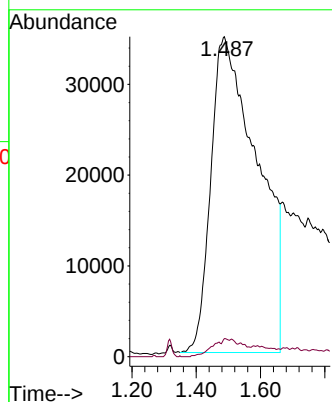
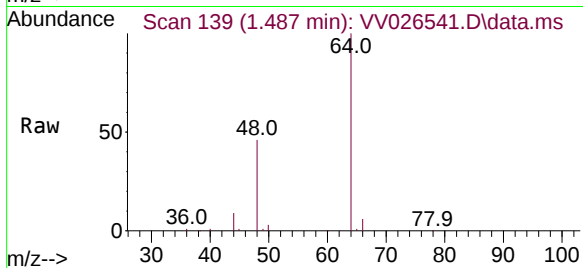




#8
Chloroethane
Concen: 28.506 ug/L
RT: 1.487 min Scan# 11
Delta R.T. -0.109 min
Lab File: VV026541.D
Acq: 24 Jun 2022 09:24

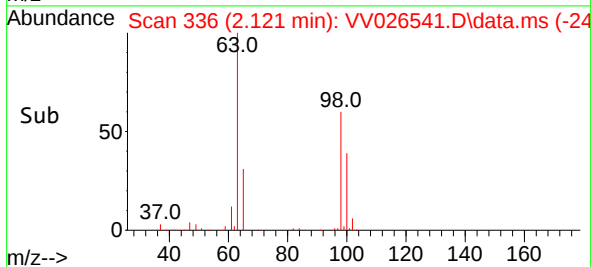
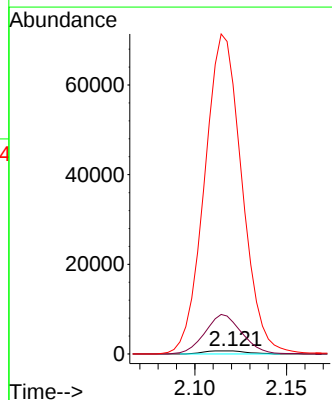
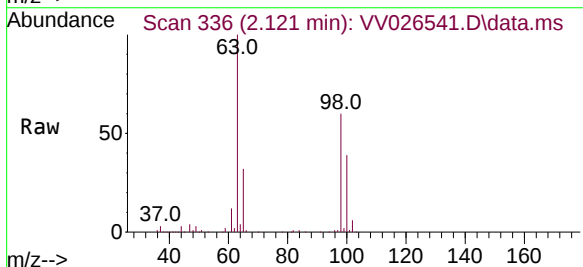
Instrument :
MSVOA_V
ClientSampleId :
VBLK385

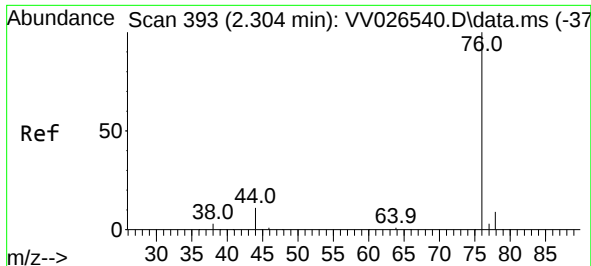
Tgt Ion: 64 Resp: 351301
Ion Ratio Lower Upper
64 100
66 5.6 20.0 37.2#



#12
1,1-Dichloroethene
Concen: 0.080 ug/L
RT: 2.121 min Scan# 336
Delta R.T. -0.006 min
Lab File: VV026541.D
Acq: 24 Jun 2022 09:24

Tgt Ion: 96 Resp: 1111
Ion Ratio Lower Upper
96 100
61 1033.0 115.4 214.4#
63 8750.0 87.4 162.2#

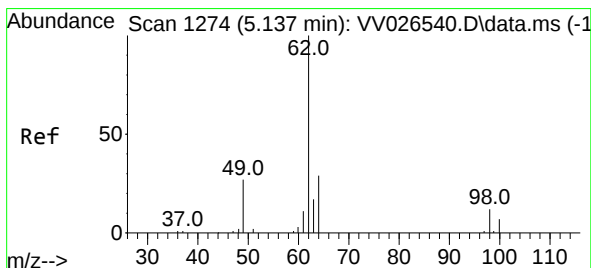
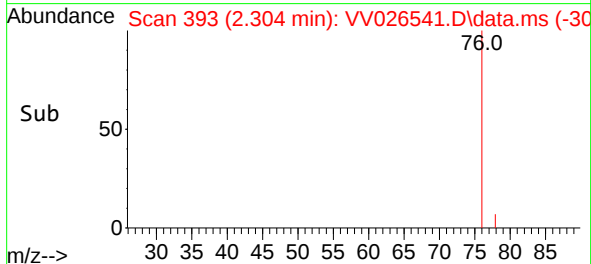
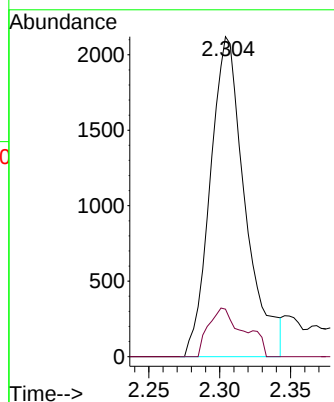
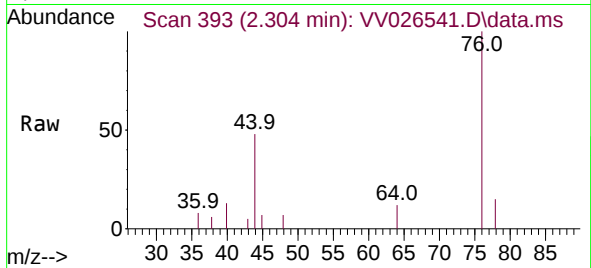




#14
Carbon disulfide
Concen: 0.099 ug/L
RT: 2.304 min Scan# 393
Delta R.T. -0.000 min
Lab File: VV026541.D
Acq: 24 Jun 2022 09:24

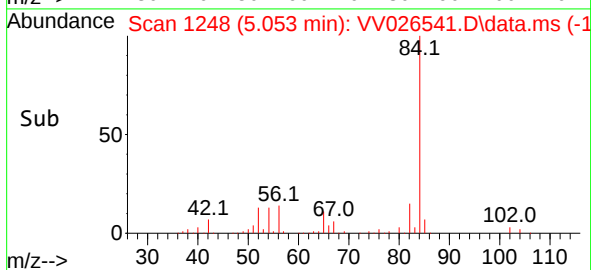
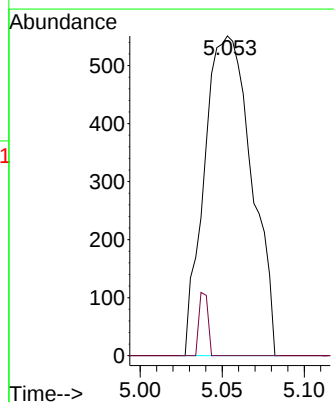
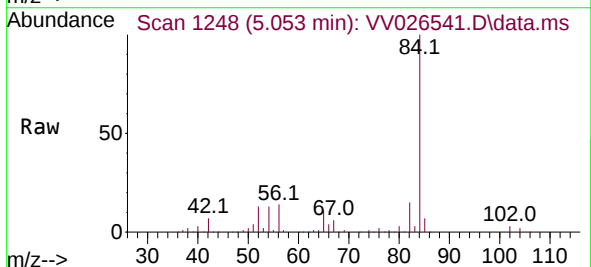
Instrument :
MSVOA_V
ClientSampleId :
VBLK385

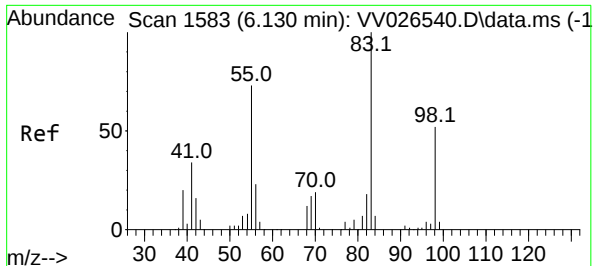
Tgt Ion: 76 Resp: 3620
Ion Ratio Lower Upper
76 100
78 14.9 7.8 11.6#



#27
1,2-Dichloroethane
Concen: 0.092 ug/L
RT: 5.053 min Scan# 1248
Delta R.T. -0.084 min
Lab File: VV026541.D
Acq: 24 Jun 2022 09:24

Tgt Ion: 62 Resp: 1103
Ion Ratio Lower Upper
62 100
98 0.0 8.4 12.6#





#35

Methylcyclohexane

Concen: 0.813 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.061 min

Lab File: VV026541.D

Acq: 24 Jun 2022 09:24

Instrument :

MSVOA_V

ClientSampleId :

VBLK385

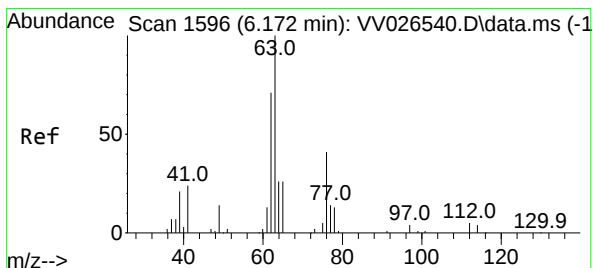
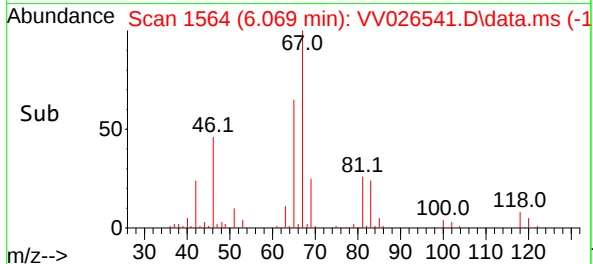
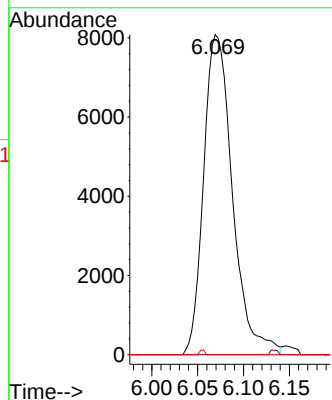
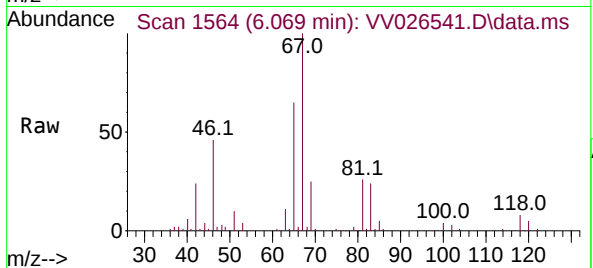
Tgt Ion: 83 Resp: 17706

Ion Ratio Lower Upper

83 100

55 0.4 57.0 85.4#

98 0.2 39.8 59.8#



#37

1,2-Dichloropropane

Concen: 0.582 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.103 min

Lab File: VV026541.D

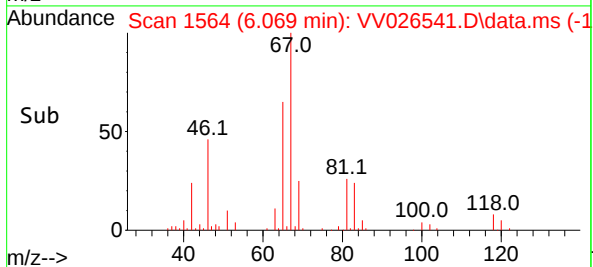
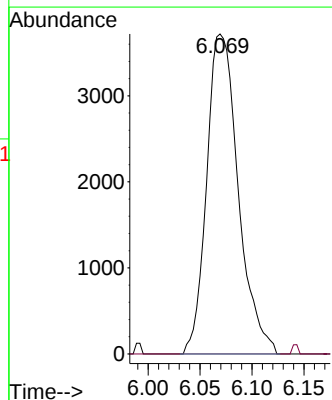
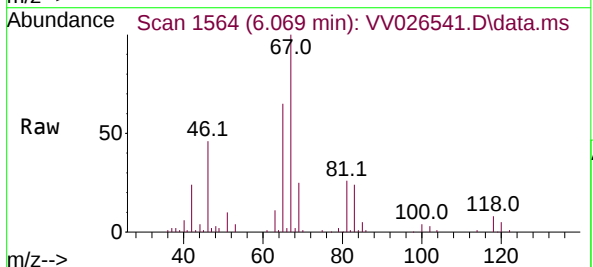
Acq: 24 Jun 2022 09:24

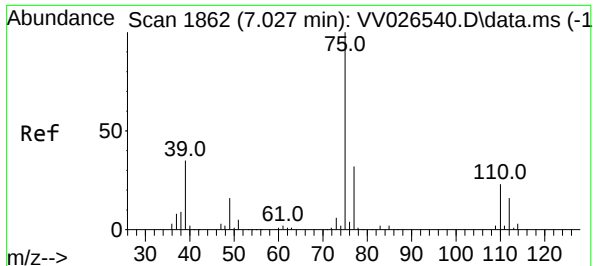
Tgt Ion: 63 Resp: 7864

Ion Ratio Lower Upper

63 100

112 0.5 4.2 6.4#





#39

cis-1,3-Dichloropropene

Concen: 0.109 ug/L

RT: 6.982 min Scan# 11

Delta R.T. -0.045 min

Lab File: VV026541.D

Acq: 24 Jun 2022 09:24

Instrument :

MSVOA_V

ClientSampleId :

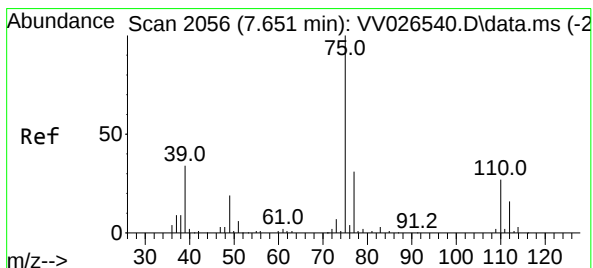
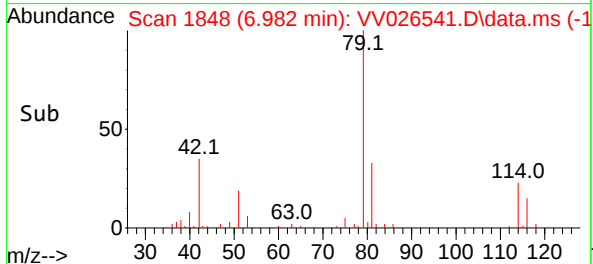
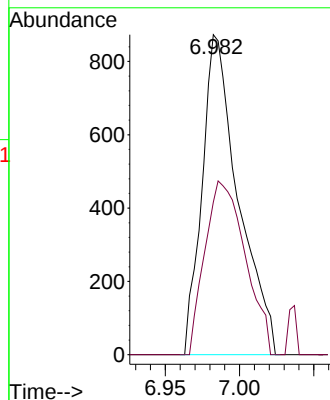
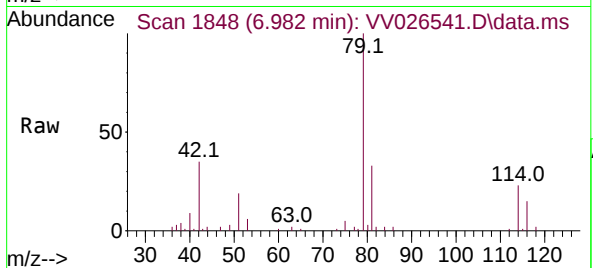
VBLK385

Tgt Ion: 75 Resp: 1481

Ion Ratio Lower Upper

75 100

77 47.7 22.8 42.4#



#44

trans-1,3-Dichloropropene

Concen: 0.083 ug/L

RT: 7.632 min Scan# 2050

Delta R.T. -0.019 min

Lab File: VV026541.D

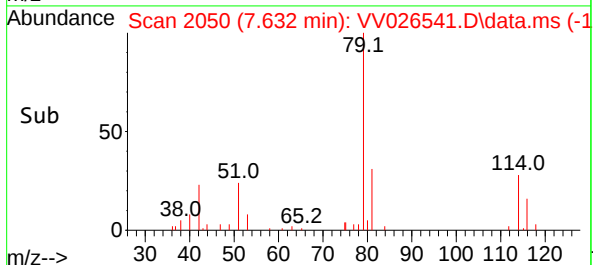
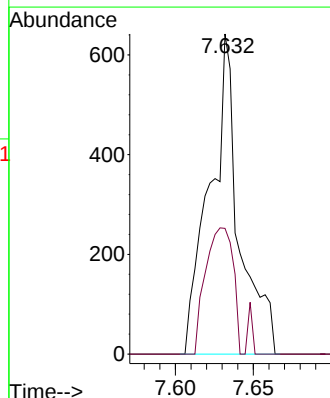
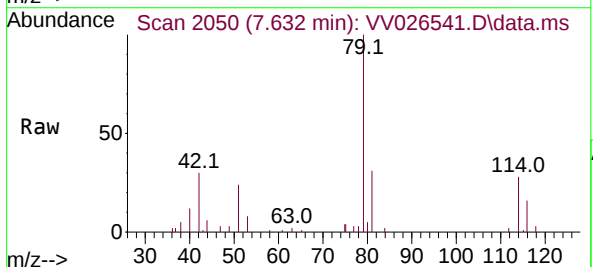
Acq: 24 Jun 2022 09:24

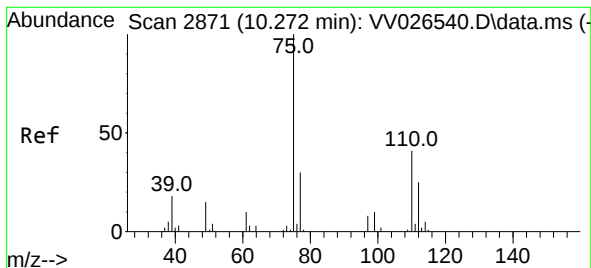
Tgt Ion: 75 Resp: 838

Ion Ratio Lower Upper

75 100

77 39.3 23.1 42.9





#61

1,2,3-Trichloropropane

Concen: 0.084 ug/L

RT: 11.188 min Scan# 3156

Delta R.T. 0.916 min

Lab File: VV026541.D

Acq: 24 Jun 2022 09:24

Instrument :

MSVOA_V

ClientSampleId :

VBLK385

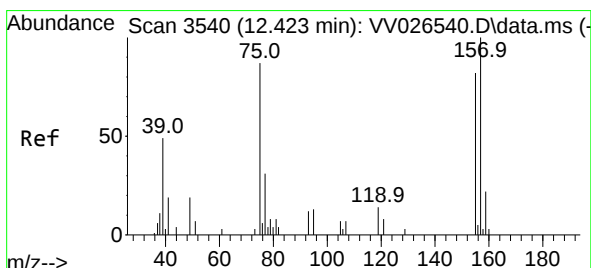
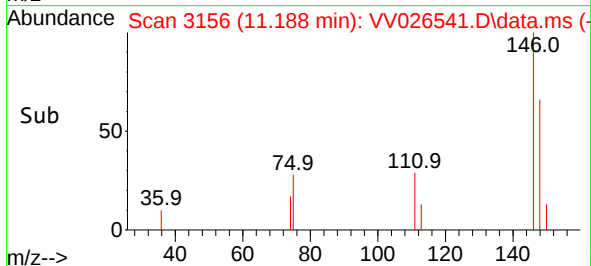
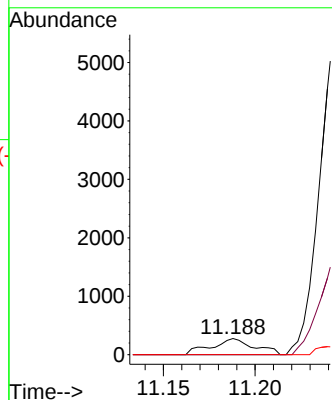
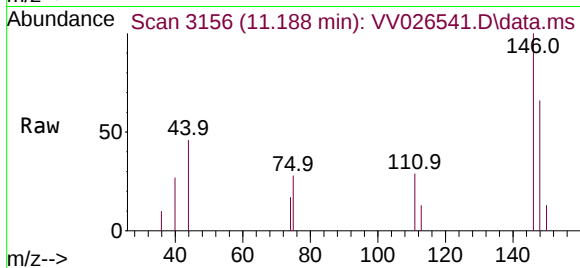
Tgt Ion: 75 Resp: 446

Ion Ratio Lower Upper

75 100

77 0.0 25.8 38.6#

110 0.0 32.5 48.7#



#68

1,2-Dibromo-3-chloropropane

Concen: 0.182 ug/L

RT: 12.648 min Scan# 3610

Delta R.T. 0.225 min

Lab File: VV026541.D

Acq: 24 Jun 2022 09:24

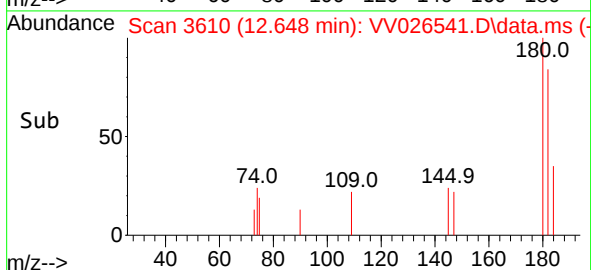
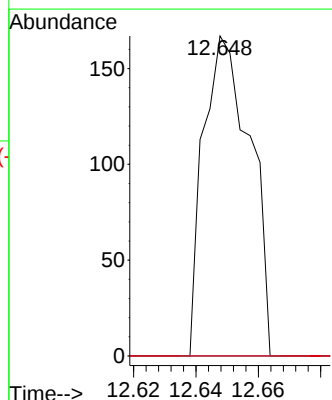
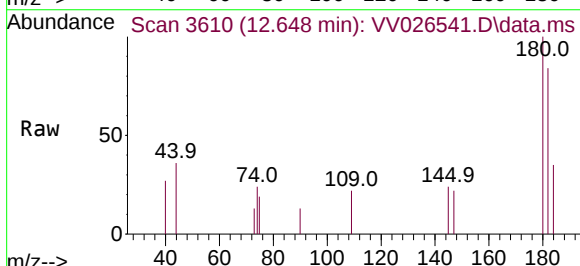
Tgt Ion: 75 Resp: 174

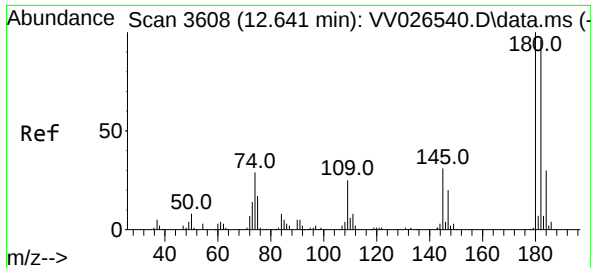
Ion Ratio Lower Upper

75 100

155 0.0 74.7 112.1#

157 0.0 96.9 145.3#





#69

1,3,5-Trichlorobenzene

Concen: 0.074 ug/L

RT: 12.648 min Scan# 3610

Delta R.T. 0.006 min

Lab File: VV026541.D

Acq: 24 Jun 2022 09:24

Instrument :

MSVOA_V

ClientSampleId :

VBLK385

Tgt Ion:180 Resp: 1308

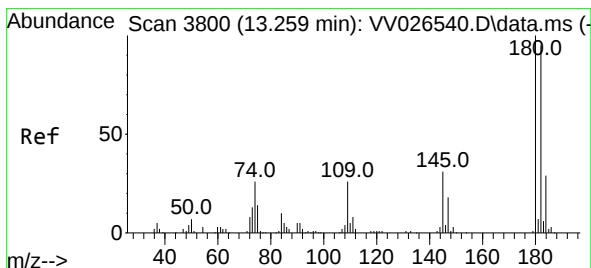
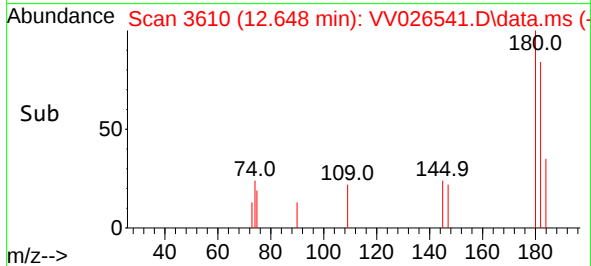
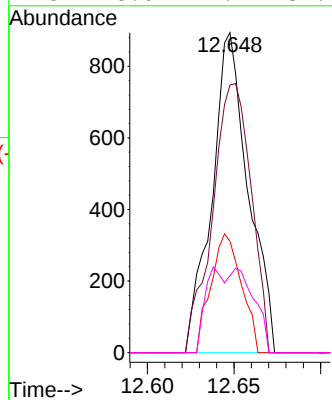
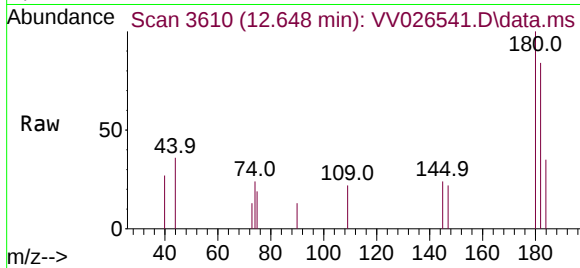
Ion Ratio Lower Upper

180 100

182 89.2 76.6 115.0

184 31.1 24.1 36.1

145 18.6 24.7 37.1#



#70

1,2,4-trichlorobenzene

Concen: 0.140 ug/L

RT: 13.265 min Scan# 3802

Delta R.T. 0.006 min

Lab File: VV026541.D

Acq: 24 Jun 2022 09:24

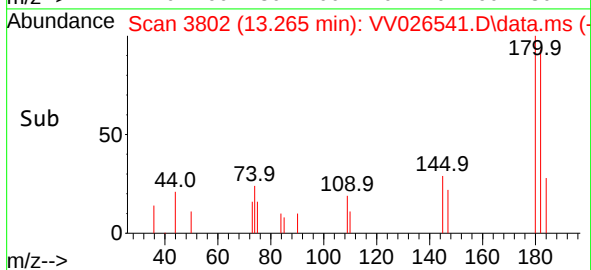
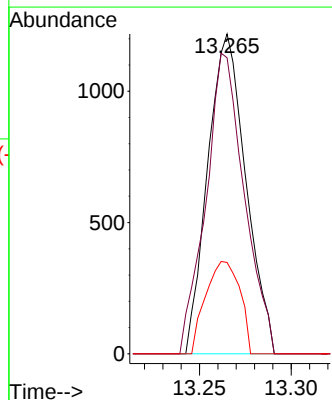
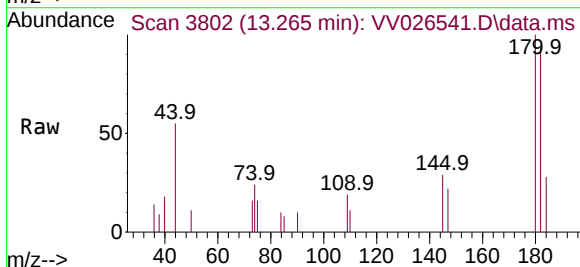
Tgt Ion:180 Resp: 1758

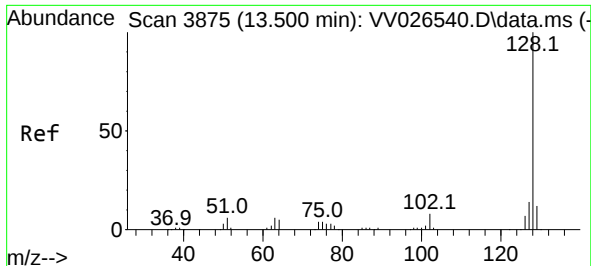
Ion Ratio Lower Upper

180 100

182 94.9 75.2 112.8

145 25.9 24.4 36.6

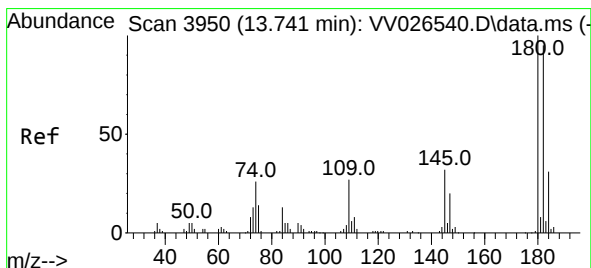
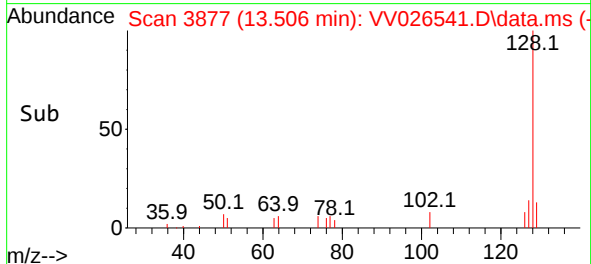
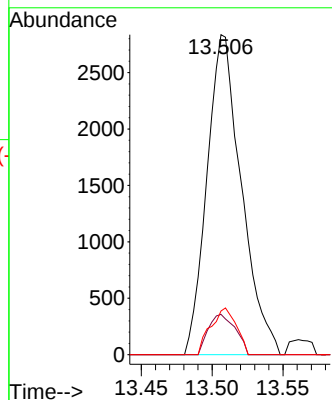
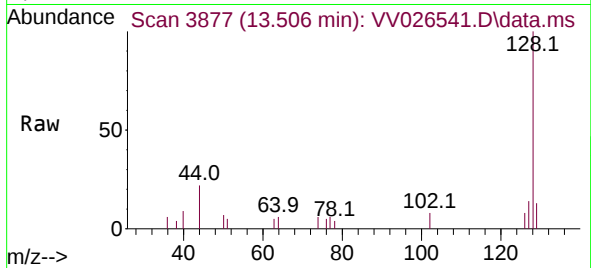




#71
Naphthalene
Concen: 0.293 ug/L
RT: 13.506 min Scan# 3875
Delta R.T. 0.006 min
Lab File: VV026541.D
Acq: 24 Jun 2022 09:24

Instrument :
MSVOA_V
ClientSampleId :
VBLK385

Tgt Ion:128 Resp: 4797
Ion Ratio Lower Upper
128 100
129 9.9 8.6 12.8
127 10.9 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 0.169 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV026541.D
Acq: 24 Jun 2022 09:24

Tgt Ion:180 Resp: 1741
Ion Ratio Lower Upper
180 100
182 102.5 76.8 115.2
145 38.9 25.8 38.6#

