

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102022\
 Data File : VV028634.D
 Acq On : 20 Oct 2022 14:44
 Operator : SY/MD
 Sample : VV1020WBL01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK253

Quant Time: Oct 21 01:10:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 21 00:53:32 2022
 Response via : Initial Calibration

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

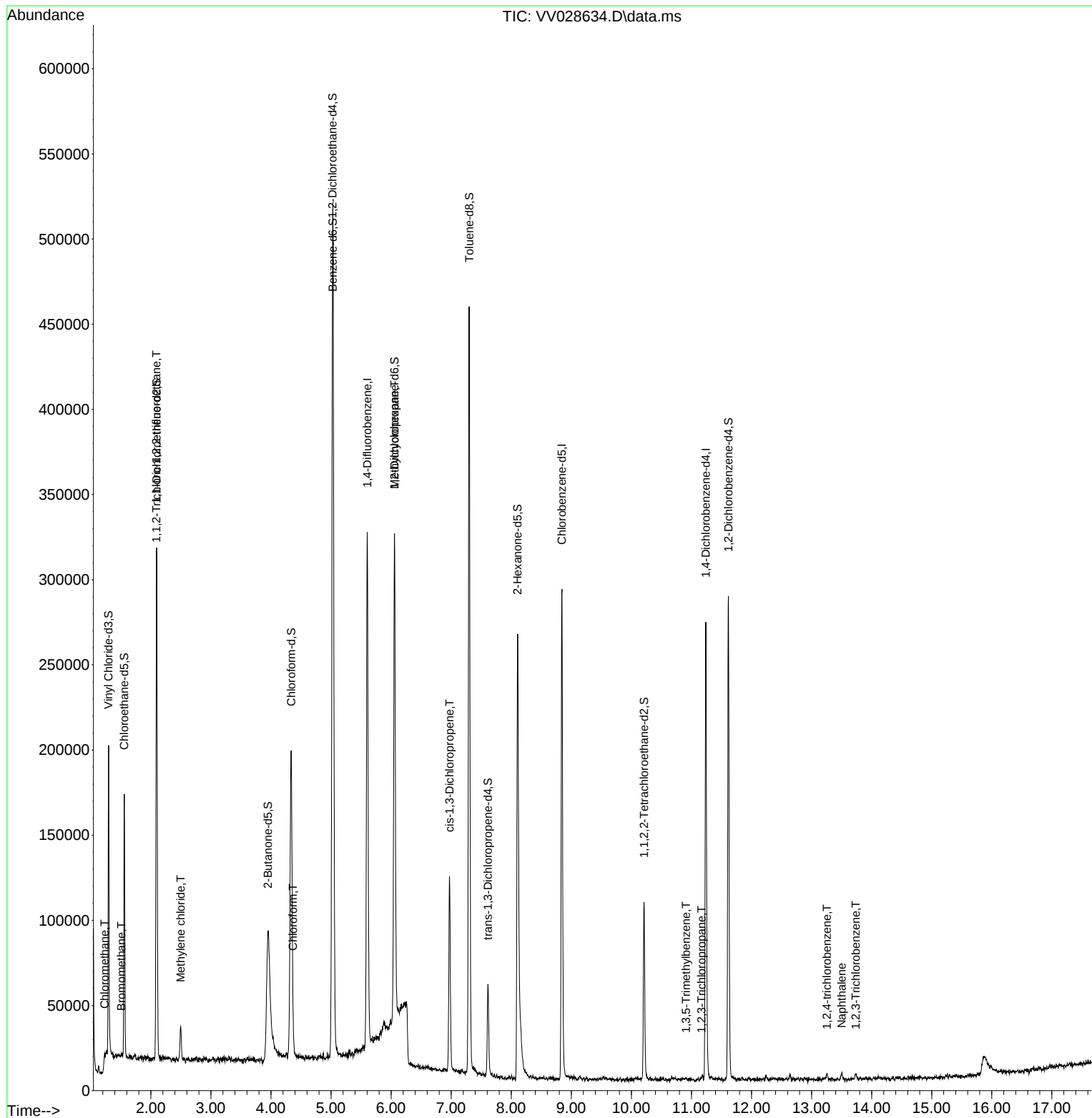
Internal Standards						
1) 1,4-Difluorobenzene	5.603	114	221545	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	145350	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	62636	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.294	65	121839	5.555	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.000%
7) Chloroethane-d5	1.558	69	95693	5.550	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.000%
11) 1,1-Dichloroethene-d2	2.095	63	167374	4.391	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.800%
20) 2-Butanone-d5	3.950	46	219607	53.195	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.400%
24) Chloroform-d	4.336	84	175252	5.387	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.800%
26) 1,2-Dichloroethane-d4	5.024	65	97006	5.505	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.000%
32) Benzene-d6	5.031	84	381870	6.038	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	120.800%
36) 1,2-Dichloropropane-d6	6.056	67	126513	6.380	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	127.600%
41) Toluene-d8	7.301	98	280155	6.125	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	122.600%
43) trans-1,3-Dichloroprop...	7.613	79	28059	5.829	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	116.600%
46) 2-Hexanone-d5	8.104	63	95902	47.980	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.960%
56) 1,1,2,2-Tetrachloroeth...	10.211	84	49874	5.325	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.400%
66) 1,2-Dichlorobenzene-d4	11.616	152	65630	5.829	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.230	50	1400	0.065	ug/L #	43
6) Bromomethane	1.507	94	710	0.070	ug/L	72
10) 1,1,2-Trichloro-1,2,2-...	2.092	101	1744	0.115	ug/L #	44
16) Methylene chloride	2.497	84	7570	0.367	ug/L	96
25) Chloroform	4.365	83	8067	0.234	ug/L	100
35) Methylcyclohexane	6.056	83	30110	1.219	ug/L #	16
39) cis-1,3-Dichloropropene	6.973	75	3404	0.180	ug/L #	52
61) 1,2,3-Trichloropropane	11.169	75	547	0.081	ug/L #	78
62) 1,3,5-Trimethylbenzene	10.908	105	677	0.045	ug/L	96
70) 1,2,4-trichlorobenzene	13.255	180	646	0.056	ug/L #	86
71) Naphthalene	13.503	128	2611	0.133	ug/L #	94
72) 1,2,3-Trichlorobenzene	13.738	180	635	0.062	ug/L #	68

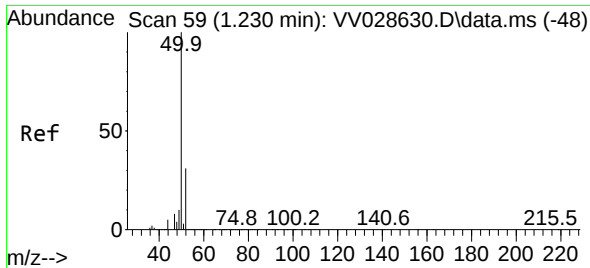
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102022\
Data File : VV028634.D
Acq On : 20 Oct 2022 14:44
Operator : SY/MD
Sample : VV1020WBL01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK253

Quant Time: Oct 21 01:10:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102022WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 21 00:53:32 2022
Response via : Initial Calibration

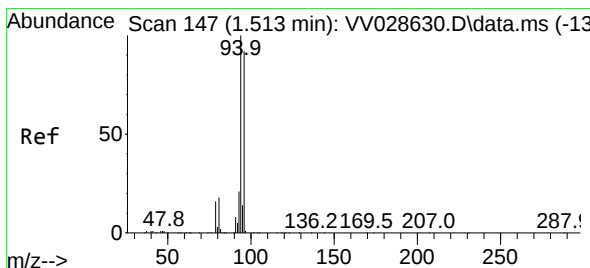
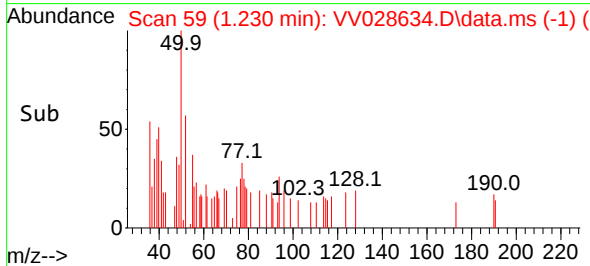
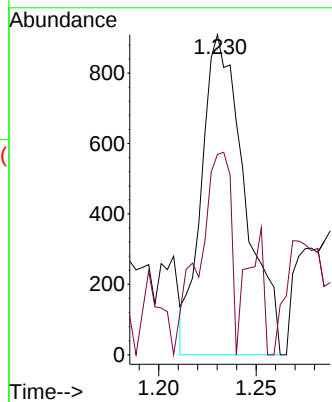
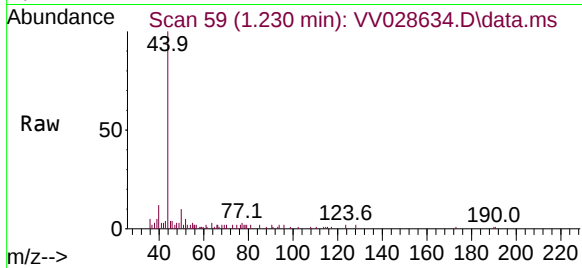




#3
Chloromethane
Concen: 0.065 ug/L
RT: 1.230 min Scan# 59
Delta R.T. 0.000 min
Lab File: VV028634.D
Acq: 20 Oct 2022 14:44

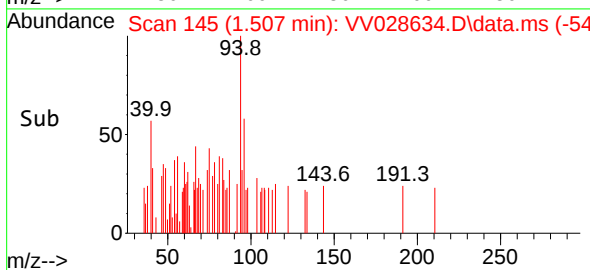
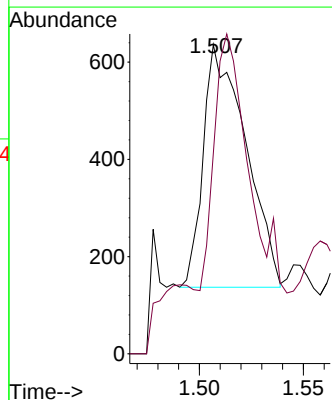
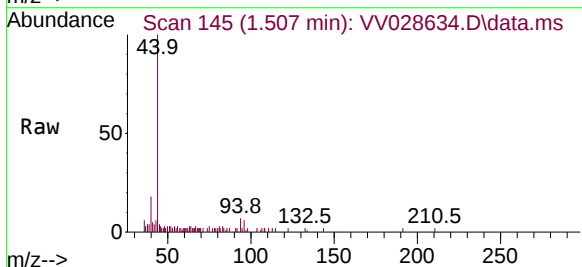
Instrument :
MSVOA_V
ClientSampleId :
VBLK253

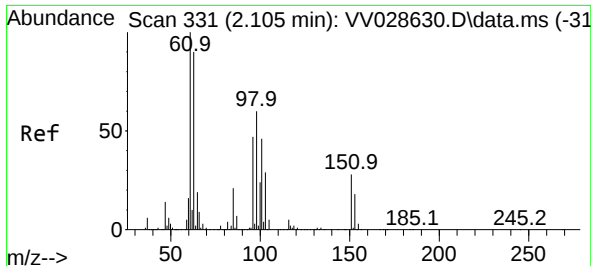
Tgt Ion: 50 Resp: 1400
Ion Ratio Lower Upper
50 100
52 62.6 21.8 40.6#



#6
Bromomethane
Concen: 0.070 ug/L
RT: 1.507 min Scan# 145
Delta R.T. -0.006 min
Lab File: VV028634.D
Acq: 20 Oct 2022 14:44

Tgt Ion: 94 Resp: 710
Ion Ratio Lower Upper
94 100
96 64.8 64.3 119.3





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.115 ug/L

RT: 2.092 min Scan# 31

Delta R.T. -0.013 min

Lab File: VV028634.D

Acq: 20 Oct 2022 14:44

Instrument :

MSVOA_V

ClientSampleId :

VBLK253

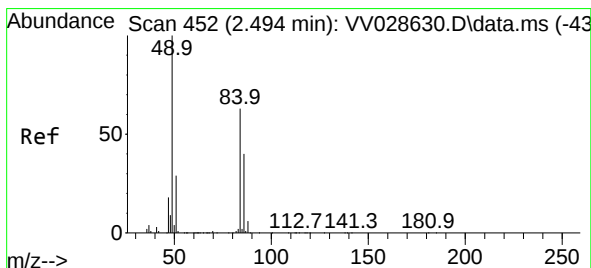
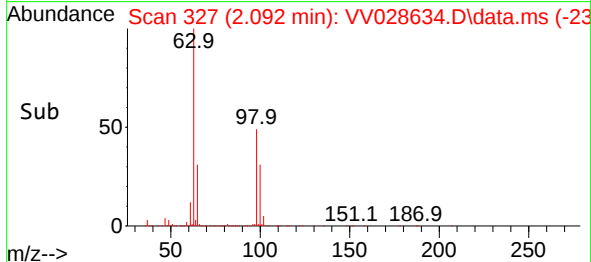
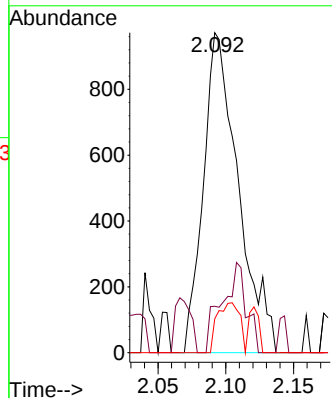
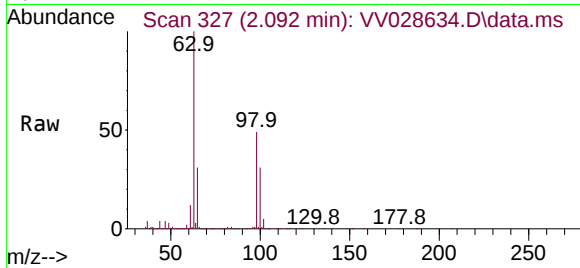
Tgt Ion:101 Resp: 1744

Ion Ratio Lower Upper

101 100

85 19.7 37.0 55.6#

151 10.0 50.2 75.2#



#16

Methylene chloride

Concen: 0.367 ug/L

RT: 2.497 min Scan# 453

Delta R.T. 0.003 min

Lab File: VV028634.D

Acq: 20 Oct 2022 14:44

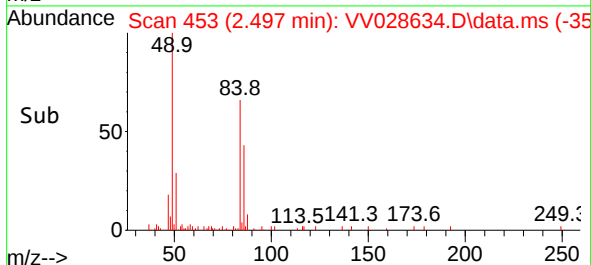
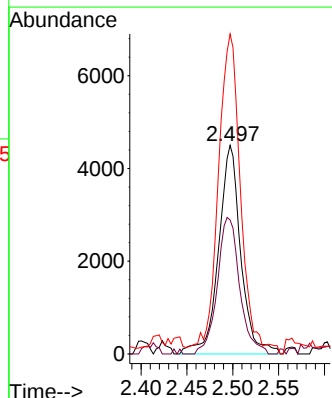
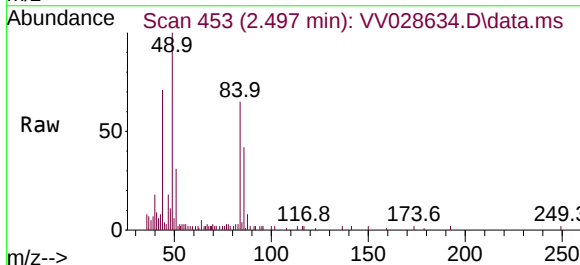
Tgt Ion: 84 Resp: 7570

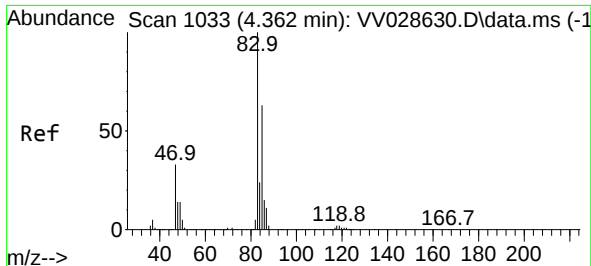
Ion Ratio Lower Upper

84 100

86 66.5 44.4 82.4

49 163.0 110.8 205.8





#25

Chloroform

Concen: 0.234 ug/L

RT: 4.365 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV028634.D

Acq: 20 Oct 2022 14:44

Instrument :

MSVOA_V

ClientSampleId :

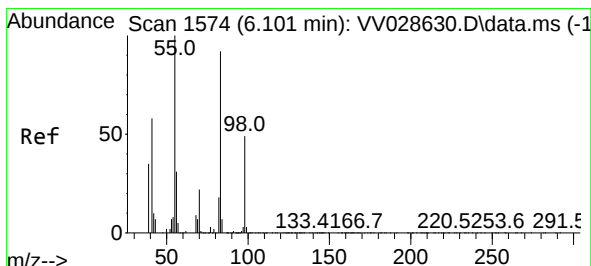
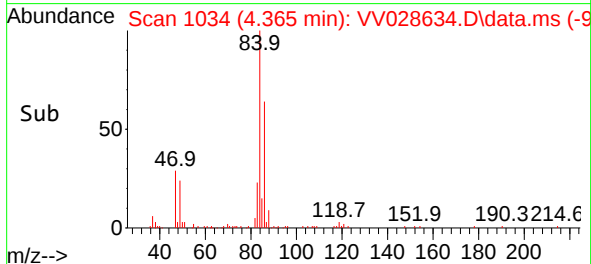
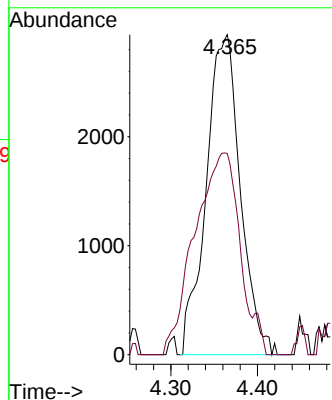
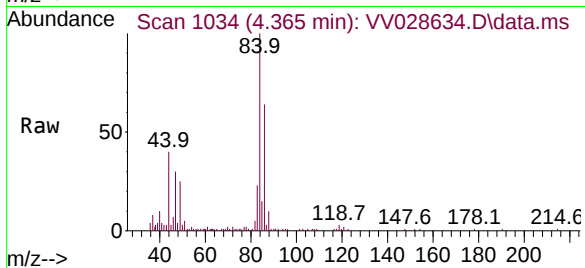
VBLK253

Tgt Ion: 83 Resp: 8067

Ion Ratio Lower Upper

83 100

85 62.9 44.1 81.9



#35

Methylcyclohexane

Concen: 1.219 ug/L

RT: 6.056 min Scan# 1560

Delta R.T. -0.045 min

Lab File: VV028634.D

Acq: 20 Oct 2022 14:44

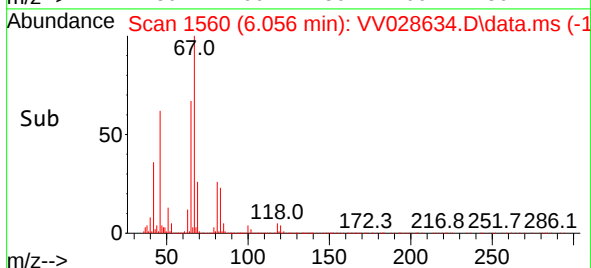
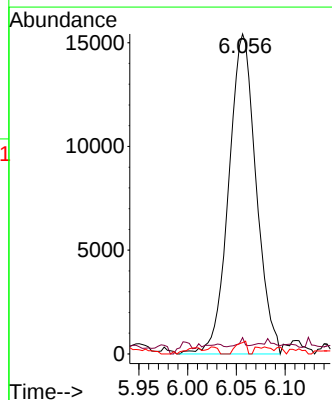
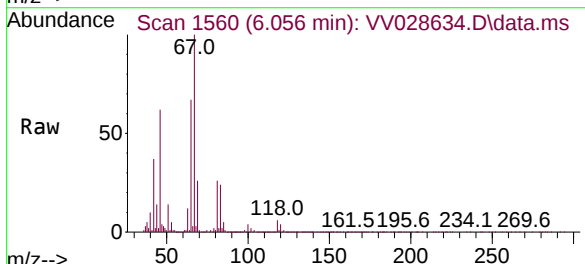
Tgt Ion: 83 Resp: 30110

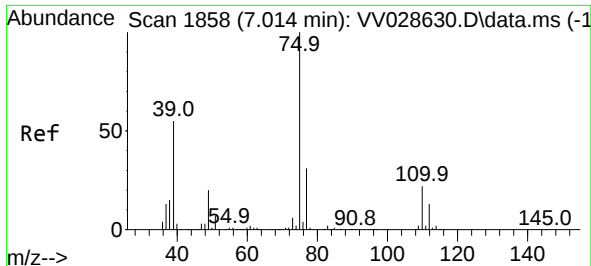
Ion Ratio Lower Upper

83 100

55 0.6 70.0 105.0#

98 1.5 35.6 53.4#





#39

cis-1,3-Dichloropropene

Concen: 0.180 ug/L

RT: 6.973 min Scan# 11

Delta R.T. -0.042 min

Lab File: VV028634.D

Acq: 20 Oct 2022 14:44

Instrument :

MSVOA_V

ClientSampleId :

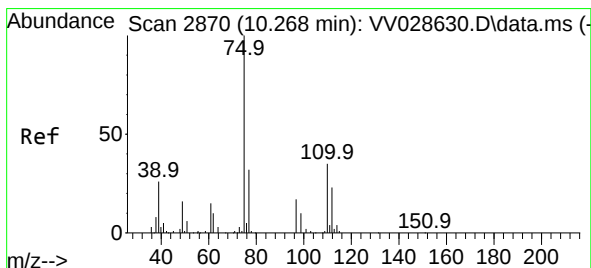
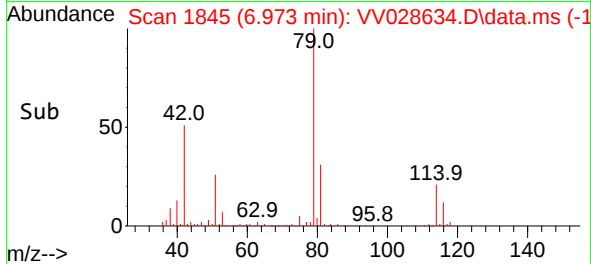
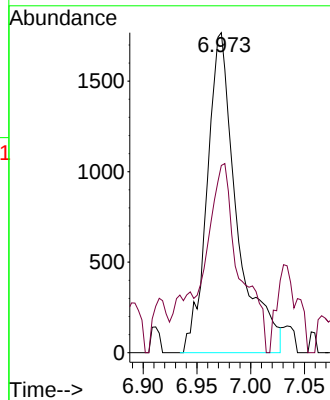
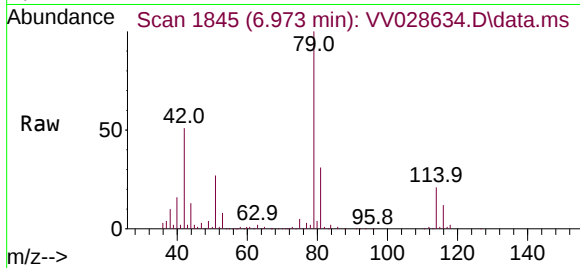
VBLK253

Tgt Ion: 75 Resp: 3404

Ion Ratio Lower Upper

75 100

77 58.5 22.1 41.1#



#61

1,2,3-Trichloropropane

Concen: 0.081 ug/L

RT: 11.169 min Scan# 3150

Delta R.T. 0.900 min

Lab File: VV028634.D

Acq: 20 Oct 2022 14:44

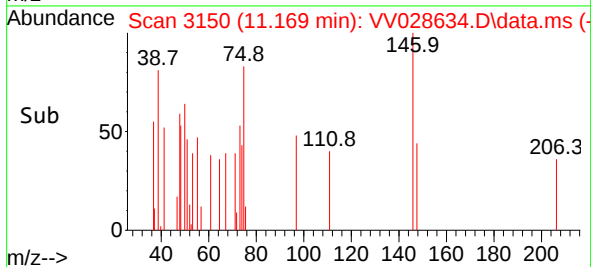
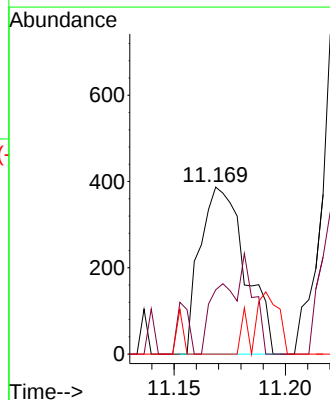
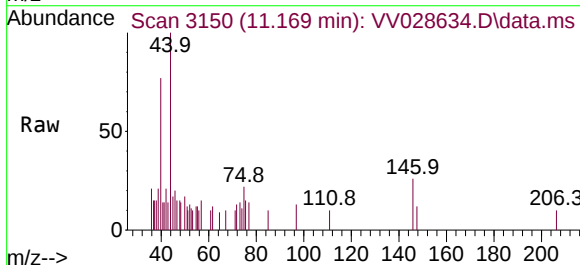
Tgt Ion: 75 Resp: 547

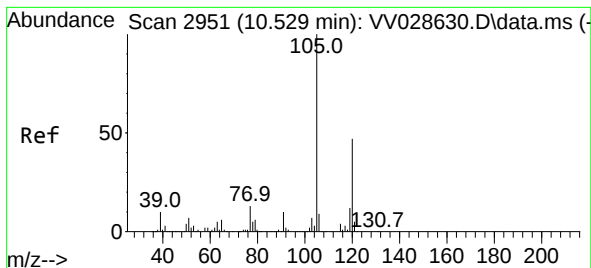
Ion Ratio Lower Upper

75 100

77 42.2 25.2 37.8#

110 20.8 27.9 41.9#





#62

1,3,5-Trimethylbenzene

Concen: 0.045 ug/L

RT: 10.908 min Scan# 3069

Delta R.T. 0.380 min

Lab File: VV028634.D

Acq: 20 Oct 2022 14:44

Instrument :

MSVOA_V

ClientSampleId :

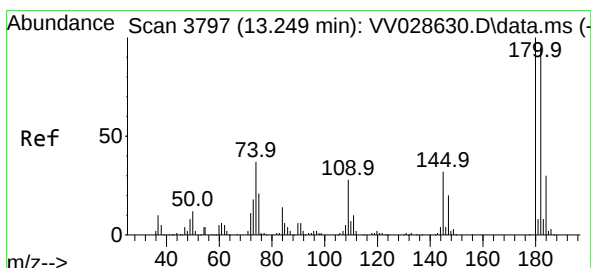
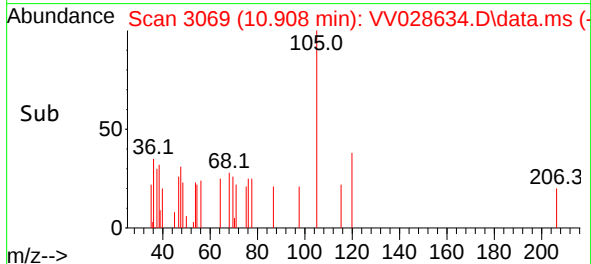
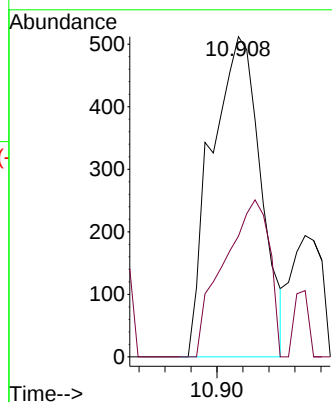
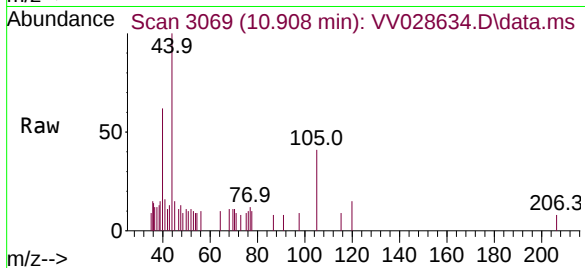
VBLK253

Tgt Ion:105 Resp: 677

Ion Ratio Lower Upper

105 100

120 45.5 38.3 57.5



#70

1,2,4-trichlorobenzene

Concen: 0.056 ug/L

RT: 13.255 min Scan# 3799

Delta R.T. 0.007 min

Lab File: VV028634.D

Acq: 20 Oct 2022 14:44

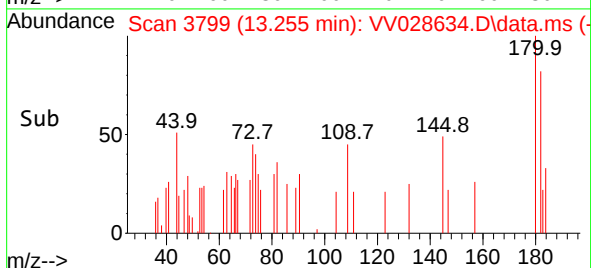
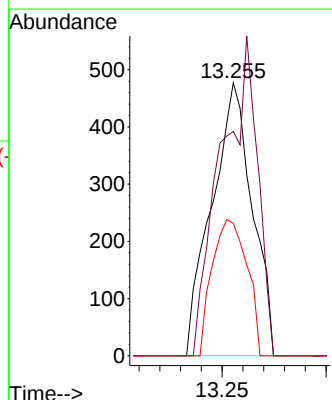
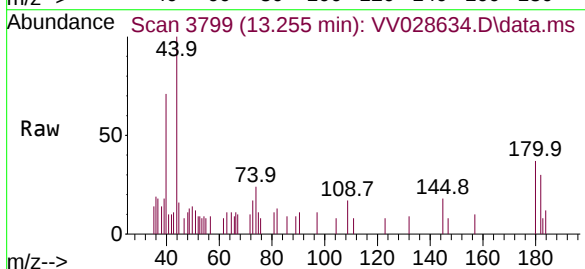
Tgt Ion:180 Resp: 646

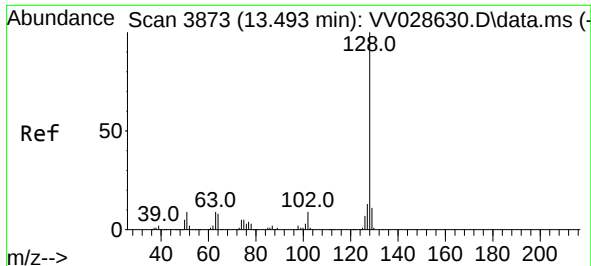
Ion Ratio Lower Upper

180 100

182 105.3 74.7 112.1

145 43.0 25.5 38.3#

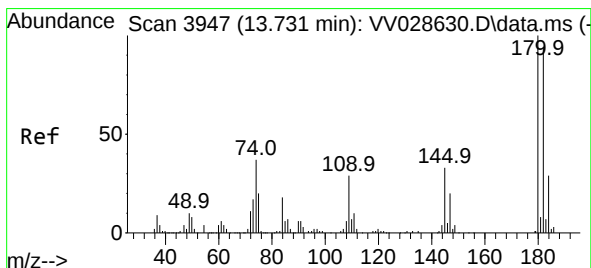
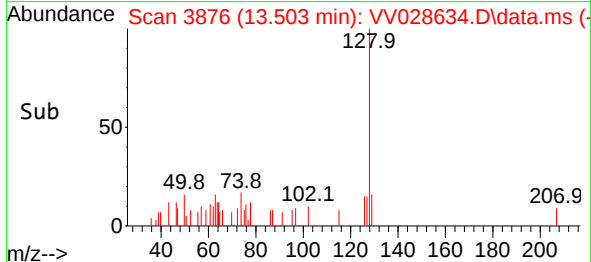
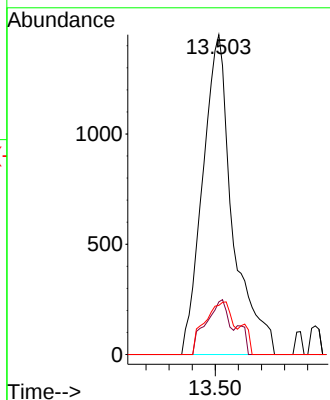
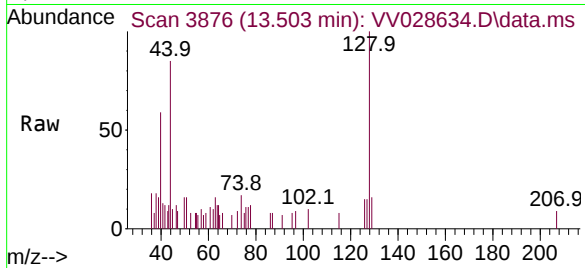




#71
Naphthalene
Concen: 0.133 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.010 min
Lab File: VV028634.D
Acq: 20 Oct 2022 14:44

Instrument :
MSVOA_V
ClientSampleId :
VBLK253

Tgt Ion:128 Resp: 2611
Ion Ratio Lower Upper
128 100
129 13.3 8.9 13.3#
127 15.5 10.2 15.4#



#72
1,2,3-Trichlorobenzene
Concen: 0.062 ug/L
RT: 13.738 min Scan# 3949
Delta R.T. 0.007 min
Lab File: VV028634.D
Acq: 20 Oct 2022 14:44

Tgt Ion:180 Resp: 635
Ion Ratio Lower Upper
180 100
182 54.0 73.4 110.0#
145 26.8 26.3 39.5

