

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102822\
 Data File : VV028747.D
 Acq On : 28 Oct 2022 11:17
 Operator : SY/MD
 Sample : VU1028WBL01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK258

Quant Time: Oct 28 21:51:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 28 21:50:06 2022
 Response via : Initial Calibration

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

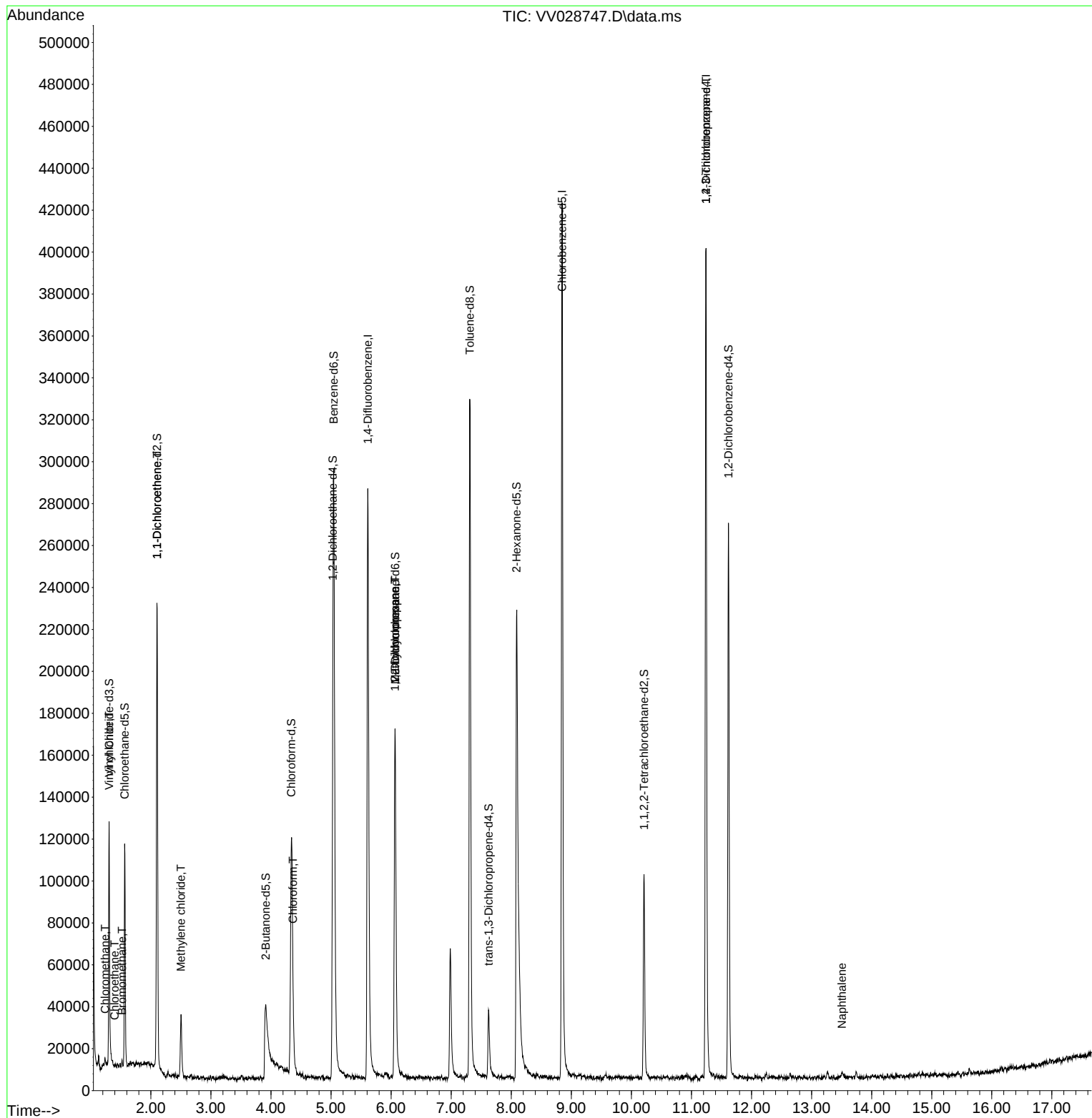
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	226342	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	209150	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	93891	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	83850	5.327	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	106.600%	
7) Chloroethane-d5	1.565	69	67920	5.103	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	102.000%	
11) 1,1-Dichloroethene-d2	2.101	63	126066	4.140	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	82.800%	
20) 2-Butanone-d5	3.912	46	91181	25.403	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	50.800%	
24) Chloroform-d	4.339	84	116729	4.270	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.400%	
26) 1,2-Dichloroethane-d4	5.031	65	59890	4.318	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.400%	
32) Benzene-d6	5.043	84	253742	4.536	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.800%	
36) 1,2-Dichloropropane-d6	6.066	67	80638	4.554	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	91.000%	
41) Toluene-d8	7.310	98	211940	4.856	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.200%	
43) trans-1,3-Dichloroprop...	7.622	79	19453	3.536	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	70.800%	
46) 2-Hexanone-d5	8.088	63	103798	40.537	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	81.080%	
56) 1,1,2,2-Tetrachloroeth...	10.210	84	47701	4.062	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	81.200%	
66) 1,2-Dichlorobenzene-d4	11.616	152	61546	4.752	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.000%	
Target Compounds						Qvalue
3) Chloromethane	1.237	50	1225	0.069	ug/L	84
5) Vinyl chloride	1.307	62	739	0.042	ug/L #	1
6) Bromomethane	1.520	94	1271	0.150	ug/L	93
8) Chloroethane	1.397	64	887	0.074	ug/L	84
12) 1,1-Dichloroethene	2.101	96	1169	0.094	ug/L #	1
16) Methylene chloride	2.500	84	11354	0.662	ug/L	95
25) Chloroform	4.365	83	4629	0.157	ug/L #	56
35) Methylcyclohexane	6.066	83	17461	0.816	ug/L #	16
37) 1,2-Dichloropropane	6.063	63	9197	0.576	ug/L #	88
61) 1,2,3-Trichloropropane	11.243	75	15313	1.900	ug/L #	68
71) Naphthalene	13.506	128	2295	0.091	ug/L #	85

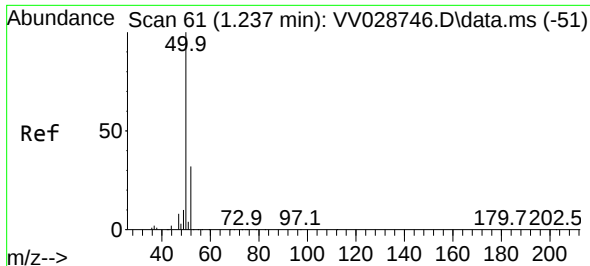
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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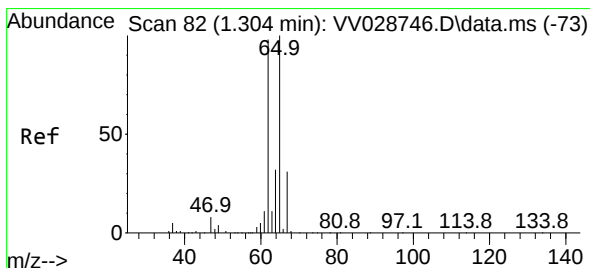
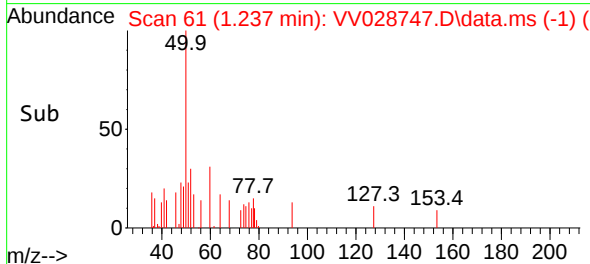
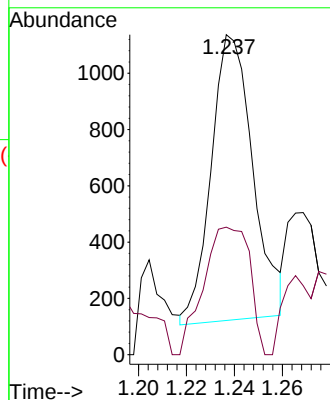
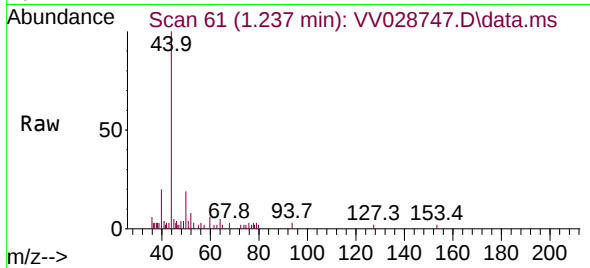




#3
Chloromethane
Concen: 0.069 ug/L
RT: 1.237 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV028747.D
Acq: 28 Oct 2022 11:17

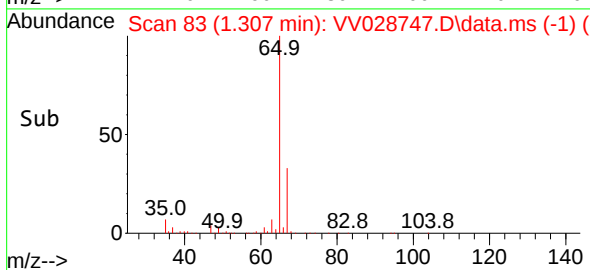
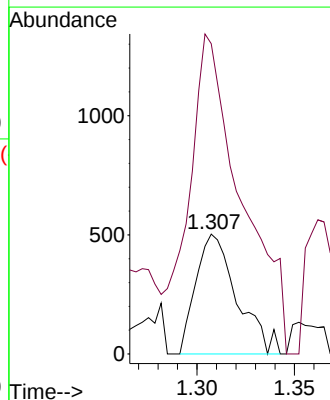
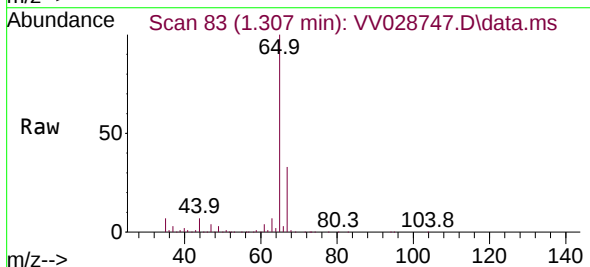
Instrument :
MSVOA_V
ClientSampleId :
VBLK258

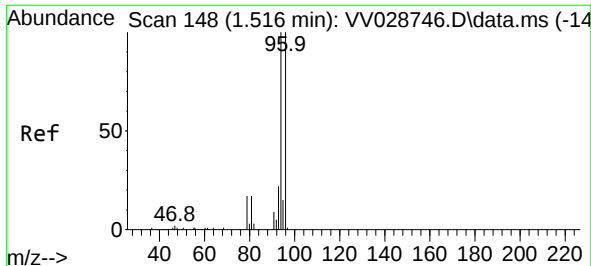
Tgt Ion: 50 Resp: 1225
Ion Ratio Lower Upper
50 100
52 39.8 21.8 40.6



#5
Vinyl chloride
Concen: 0.042 ug/L
RT: 1.307 min Scan# 83
Delta R.T. 0.003 min
Lab File: VV028747.D
Acq: 28 Oct 2022 11:17

Tgt Ion: 62 Resp: 739
Ion Ratio Lower Upper
62 100
64 258.8 22.0 41.0#

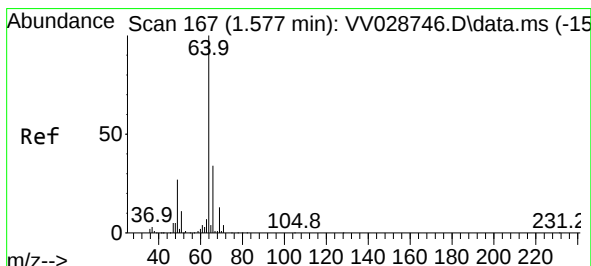
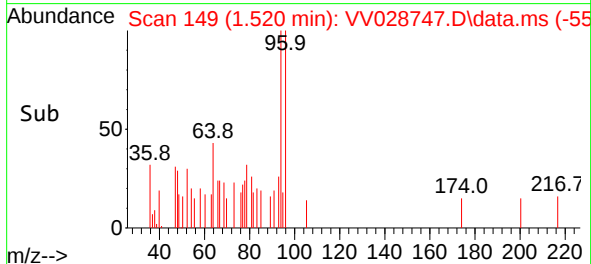
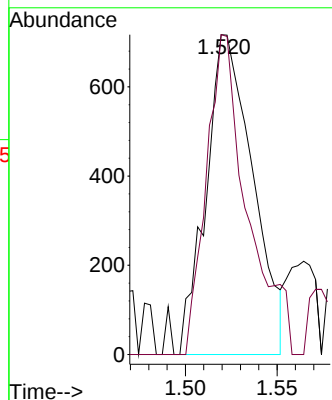
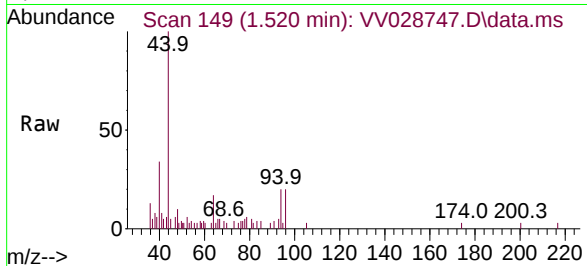




#6
Bromomethane
Concen: 0.150 ug/L
RT: 1.520 min Scan# 14
Delta R.T. 0.003 min
Lab File: VV028747.D
Acq: 28 Oct 2022 11:17

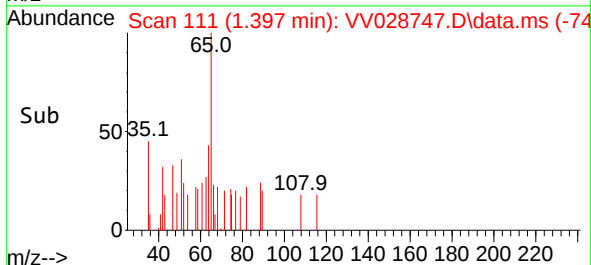
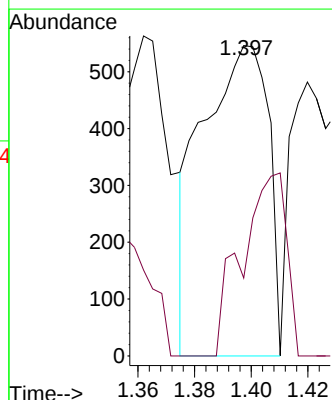
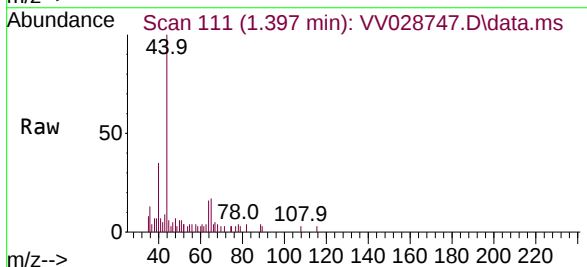
Instrument :
MSVOA_V
ClientSampleId :
VBLK258

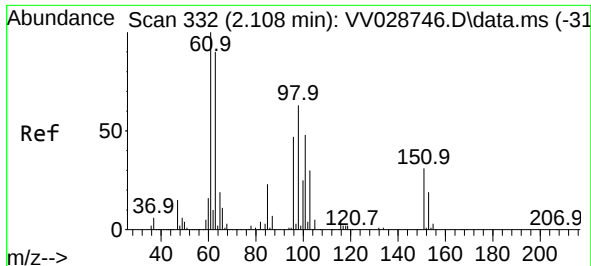
Tgt Ion: 94 Resp: 1271
Ion Ratio Lower Upper
94 100
96 84.9 64.3 119.3



#8
Chloroethane
Concen: 0.074 ug/L
RT: 1.397 min Scan# 111
Delta R.T. -0.180 min
Lab File: VV028747.D
Acq: 28 Oct 2022 11:17

Tgt Ion: 64 Resp: 887
Ion Ratio Lower Upper
64 100
66 25.1 23.9 44.5

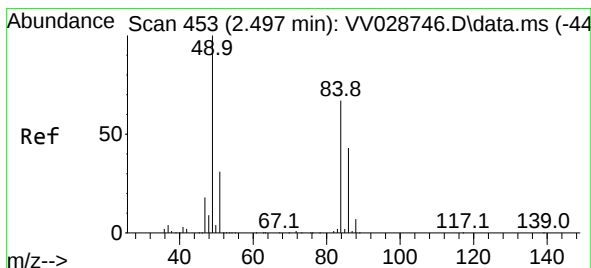
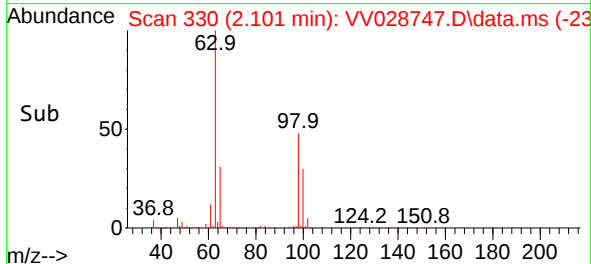
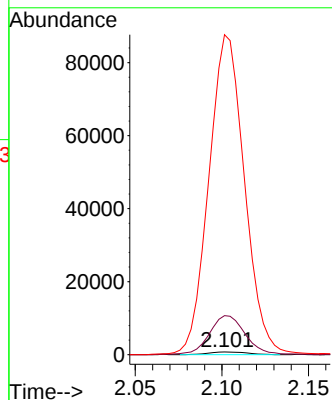
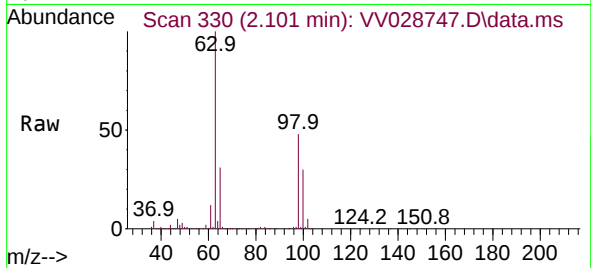




#12
1,1-Dichloroethene
Concen: 0.094 ug/L
RT: 2.101 min Scan# 31
Delta R.T. -0.006 min
Lab File: VV028747.D
Acq: 28 Oct 2022 11:17

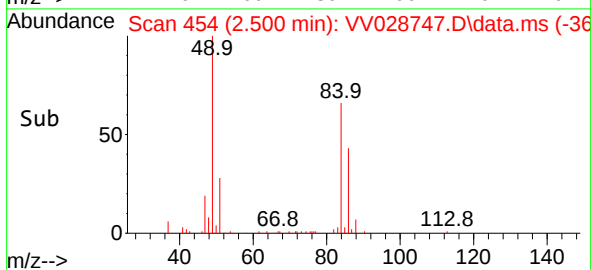
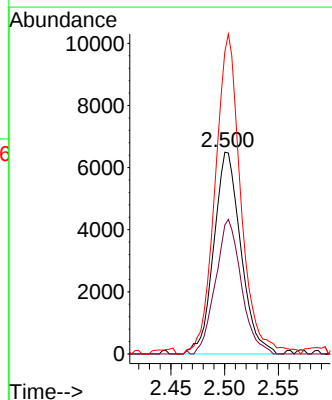
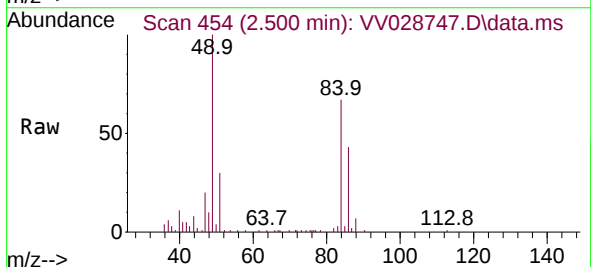
Instrument :
MSVOA_V
ClientSampleId :
VBLK258

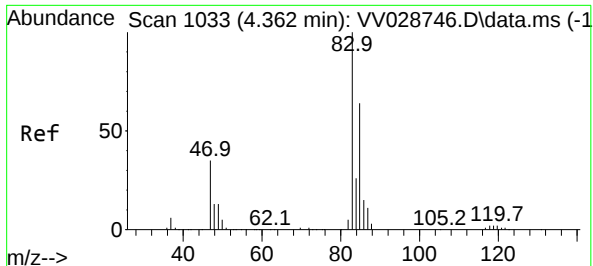
Tgt Ion: 96 Resp: 1169
Ion Ratio Lower Upper
96 100
61 1433.2 148.1 275.1#
63 11750.1 133.3 247.7#



#16
Methylene chloride
Concen: 0.662 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.003 min
Lab File: VV028747.D
Acq: 28 Oct 2022 11:17

Tgt Ion: 84 Resp: 11354
Ion Ratio Lower Upper
84 100
86 63.9 44.4 82.4
49 149.8 110.8 205.8





#25

Chloroform

Concen: 0.157 ug/L

RT: 4.365 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV028747.D

Acq: 28 Oct 2022 11:17

Instrument :

MSVOA_V

ClientSampleId :

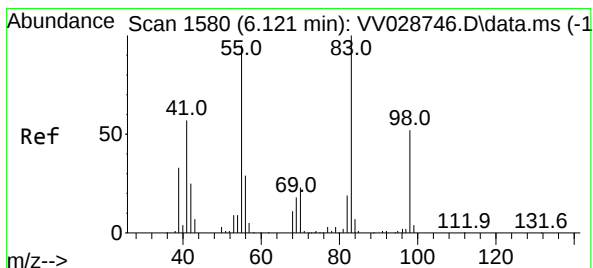
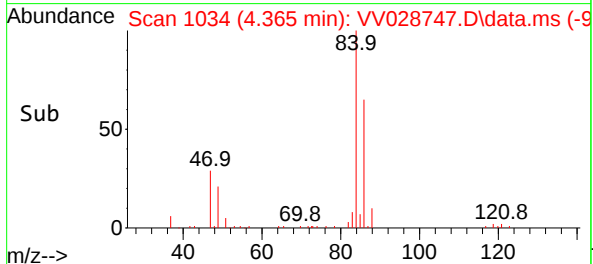
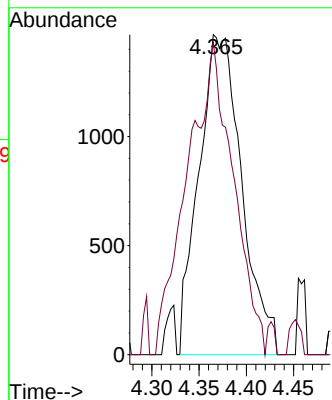
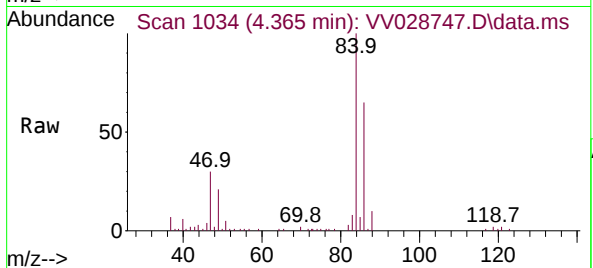
VBLK258

Tgt Ion: 83 Resp: 4629

Ion Ratio Lower Upper

83 100

85 97.5 44.1 81.9#



#35

Methylcyclohexane

Concen: 0.816 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.055 min

Lab File: VV028747.D

Acq: 28 Oct 2022 11:17

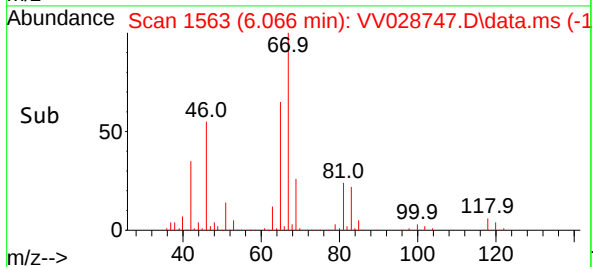
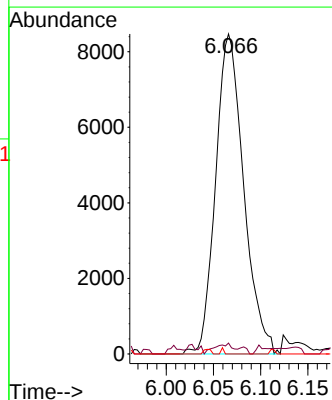
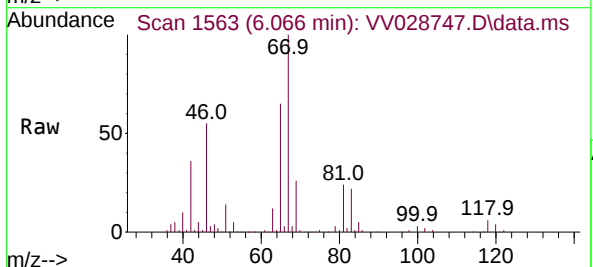
Tgt Ion: 83 Resp: 17461

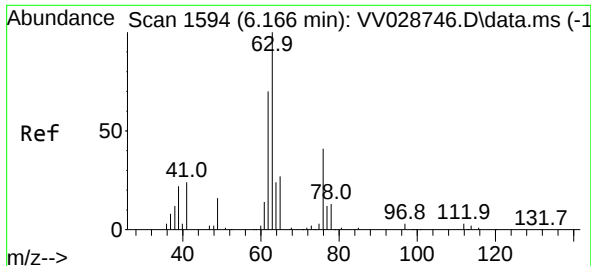
Ion Ratio Lower Upper

83 100

55 2.2 70.0 105.0#

98 0.2 35.6 53.4#





#37

1,2-Dichloropropane

Concen: 0.576 ug/L

RT: 6.063 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV028747.D

Acq: 28 Oct 2022 11:17

Instrument :

MSVOA_V

ClientSampleId :

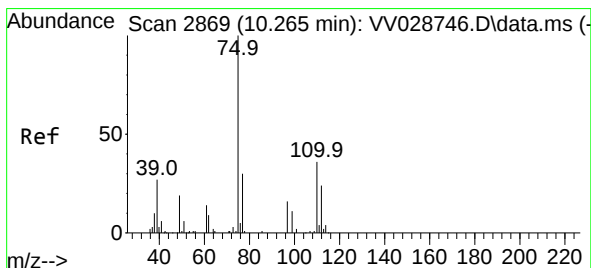
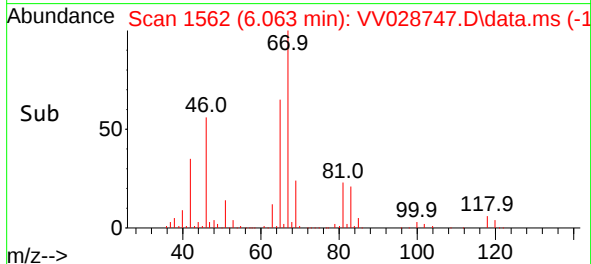
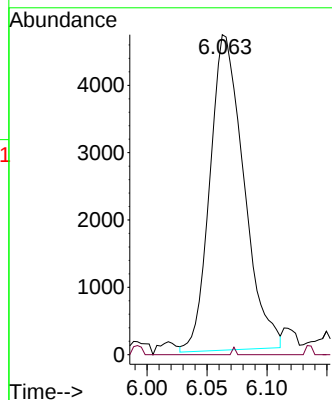
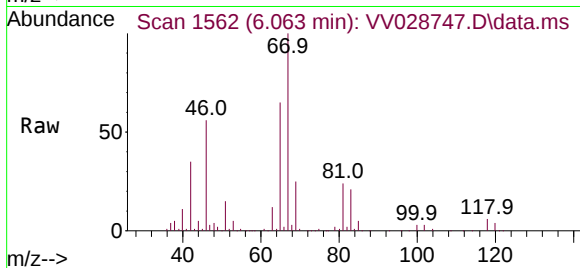
VBLK258

Tgt Ion: 63 Resp: 9197

Ion Ratio Lower Upper

63 100

112 0.2 3.4 5.2#



#61

1,2,3-Trichloropropane

Concen: 1.900 ug/L

RT: 11.243 min Scan# 3173

Delta R.T. 0.977 min

Lab File: VV028747.D

Acq: 28 Oct 2022 11:17

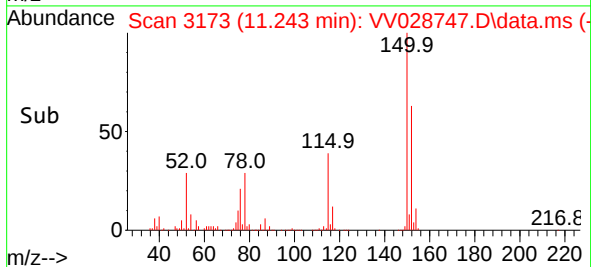
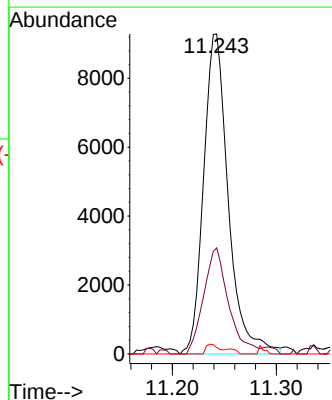
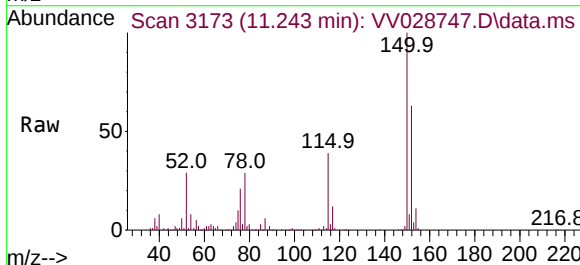
Tgt Ion: 75 Resp: 15313

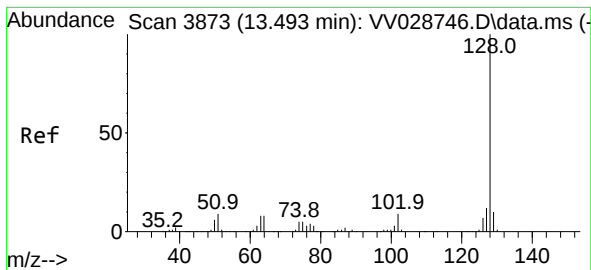
Ion Ratio Lower Upper

75 100

77 33.4 25.2 37.8

110 1.5 27.9 41.9#





#71

Naphthalene

Concen: 0.091 ug/L

RT: 13.506 min Scan# 3877

Delta R.T. 0.013 min

Lab File: VV028747.D

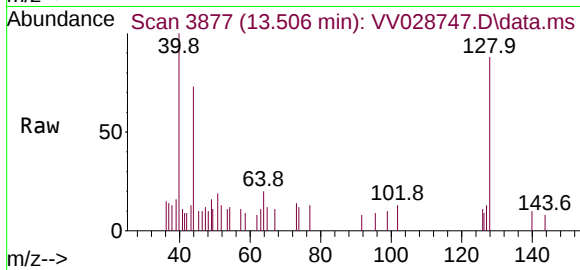
Acq: 28 Oct 2022 11:17

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Tgt Ion:128 Resp: 2295

Ion Ratio Lower Upper

128 100

129 2.0 8.9 13.3#

127 15.8 10.2 15.4#

