

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041423\
 Data File : VV030561.D
 Acq On : 14 Apr 2023 10:20
 Operator : SY/MD
 Sample : VU0414WBL01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK329

Quant Time: Apr 15 01:55:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 15 01:54:33 2023
 Response via : Initial Calibration

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

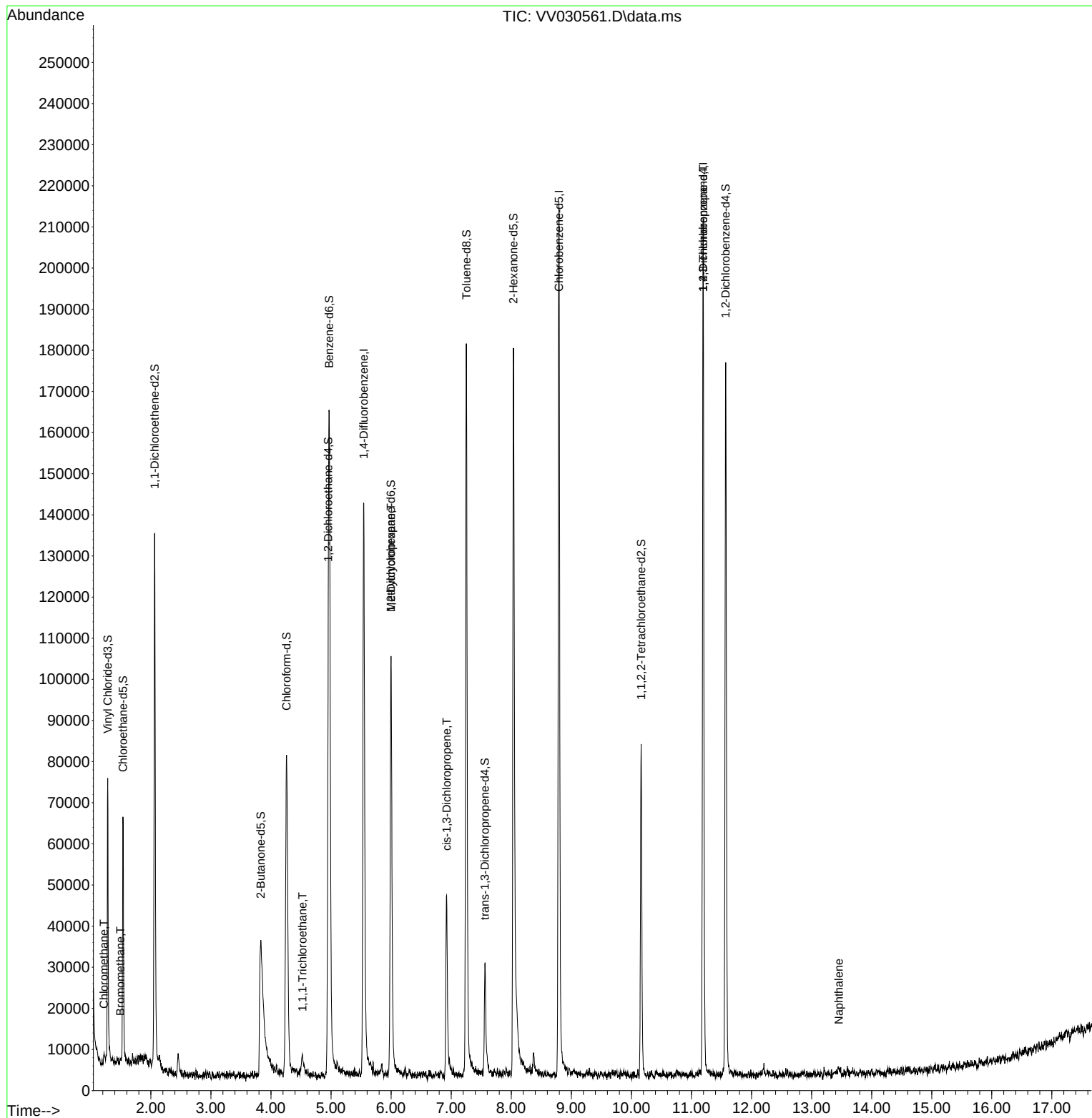
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	117251	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.796	117	117590	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	53819	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	44902	5.782	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	115.600%
7) Chloroethane-d5	1.535	69	36167	4.799	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.000%
11) 1,1-Dichloroethene-d2	2.063	63	67857	3.682	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.600%
20) 2-Butanone-d5	3.828	46	86815	43.252	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.500%
24) Chloroform-d	4.259	84	81271	4.324	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
26) 1,2-Dichloroethane-d4	4.953	65	43693	4.927	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
32) Benzene-d6	4.969	84	141648	4.275	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
36) 1,2-Dichloropropane-d6	5.998	67	46565	4.489	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.800%
41) Toluene-d8	7.252	98	119280	3.920	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.400%
43) trans-1,3-Dichloroprop...	7.561	79	15955	4.085	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.600%
46) 2-Hexanone-d5	8.037	63	63882	40.702	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.400%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	34961	4.276	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.600%
66) 1,2-Dichlorobenzene-d4	11.570	152	44590	4.636	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.800%
Target Compounds						Qvalue
3) Chloromethane	1.220	50	2135	0.114	ug/L	85
6) Bromomethane	1.490	94	442	0.113	ug/L	82
29) 1,1,1-Trichloroethane	4.526	97	3212	0.170	ug/L #	86
35) Methylcyclohexane	5.998	83	11726	0.663	ug/L #	17
39) cis-1,3-Dichloropropene	6.924	75	1673	0.111	ug/L	88
61) 1,2,3-Trichloropropane	11.194	75	6230	1.295	ug/L #	61
71) Naphthalene	13.455	128	1290	0.077	ug/L #	94

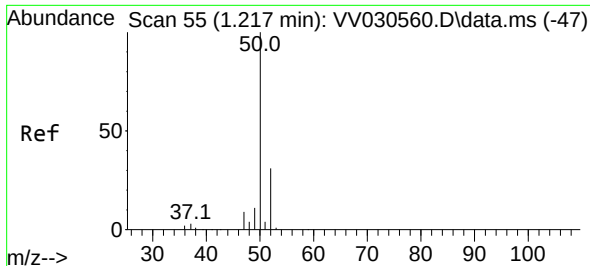
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : VU0414WBL01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK329

Quant Time: Apr 15 01:55:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Apr 15 01:54:33 2023
Response via : Initial Calibration

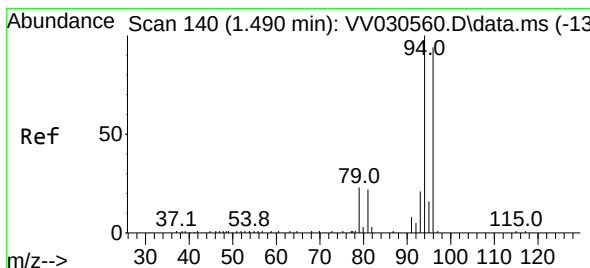
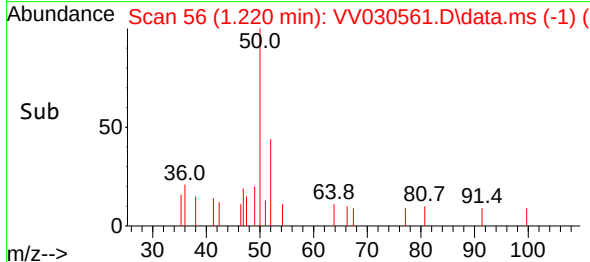
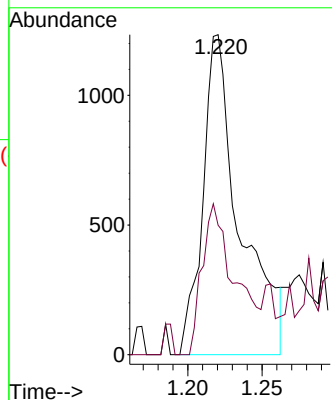
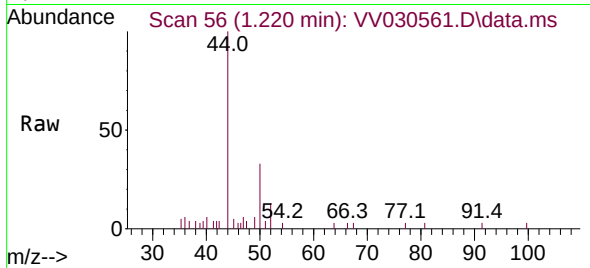




#3
Chloromethane
Concen: 0.114 ug/L
RT: 1.220 min Scan# 50
Delta R.T. 0.003 min
Lab File: VV030561.D
Acq: 14 Apr 2023 10:20

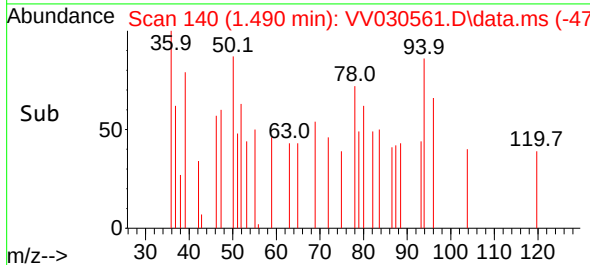
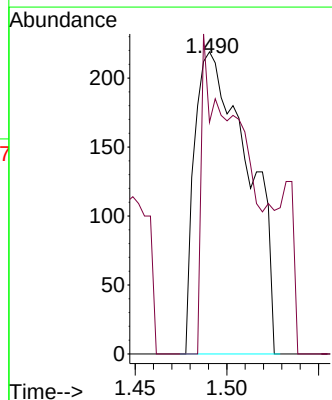
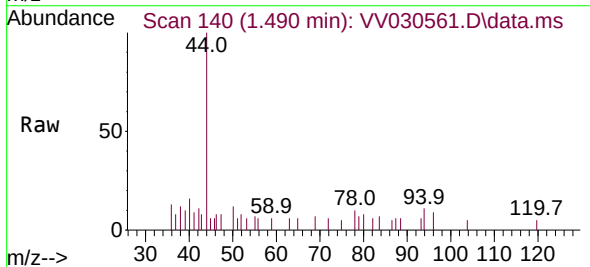
Instrument :
MSVOA_V
ClientSampleId :
VBLK329

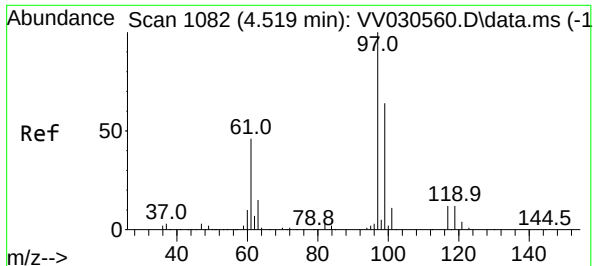
Tgt Ion: 50 Resp: 2135
Ion Ratio Lower Upper
50 100
52 40.4 22.3 41.5



#6
Bromomethane
Concen: 0.113 ug/L
RT: 1.490 min Scan# 140
Delta R.T. 0.000 min
Lab File: VV030561.D
Acq: 14 Apr 2023 10:20

Tgt Ion: 94 Resp: 442
Ion Ratio Lower Upper
94 100
96 76.7 66.1 122.7





#29

1,1,1-Trichloroethane

Concen: 0.170 ug/L

RT: 4.526 min Scan# 1084

Delta R.T. 0.006 min

Lab File: VV030561.D

Acq: 14 Apr 2023 10:20

Instrument :

MSVOA_V

ClientSampleId :

VBLK329

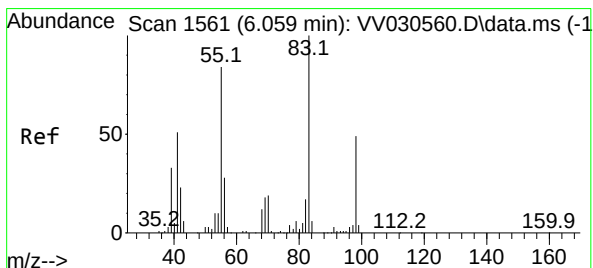
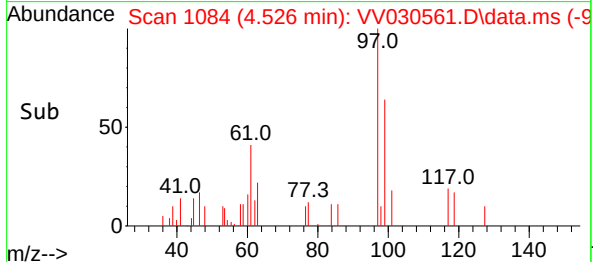
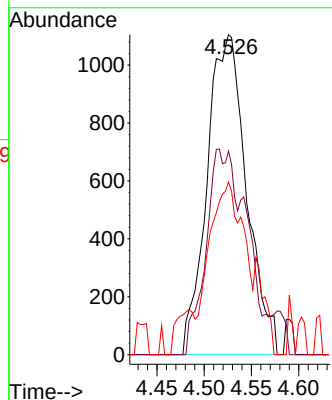
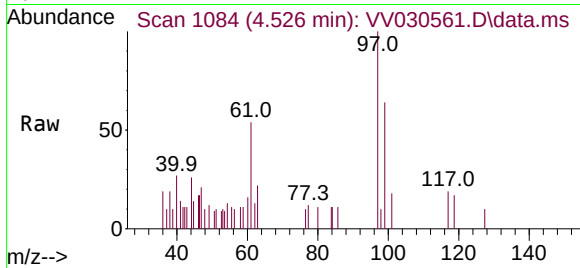
Tgt Ion: 97 Resp: 3212

Ion Ratio Lower Upper

97 100

99 46.9 50.9 76.3#

61 47.4 35.9 53.9



#35

Methylcyclohexane

Concen: 0.663 ug/L

RT: 5.998 min Scan# 1542

Delta R.T. -0.061 min

Lab File: VV030561.D

Acq: 14 Apr 2023 10:20

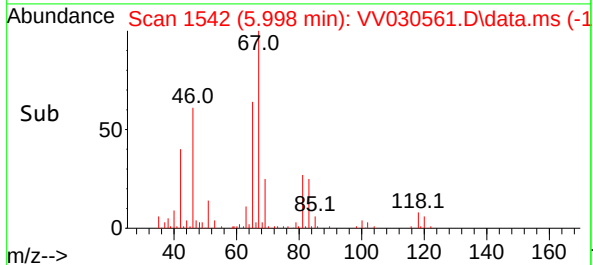
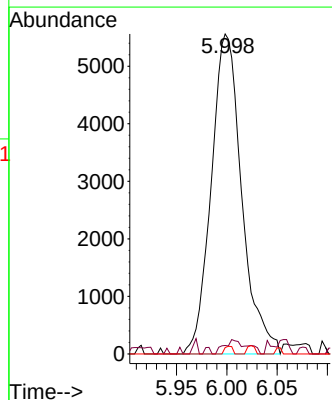
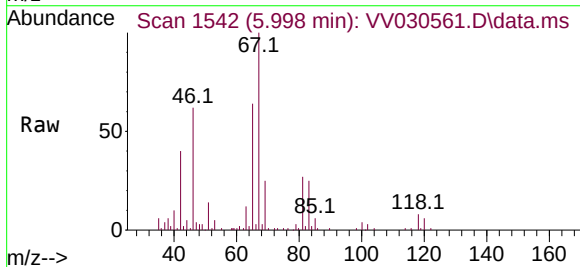
Tgt Ion: 83 Resp: 11726

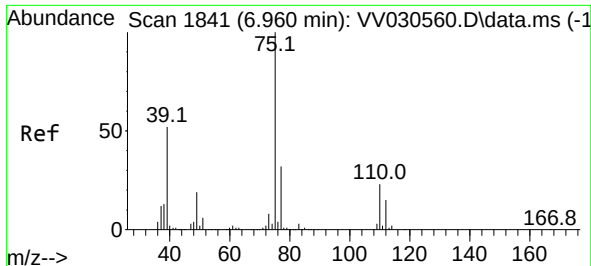
Ion Ratio Lower Upper

83 100

55 2.5 66.6 100.0#

98 0.6 38.6 58.0#





#39

cis-1,3-Dichloropropene

Concen: 0.111 ug/L

RT: 6.924 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV030561.D

Acq: 14 Apr 2023 10:20

Instrument :

MSVOA_V

ClientSampleId :

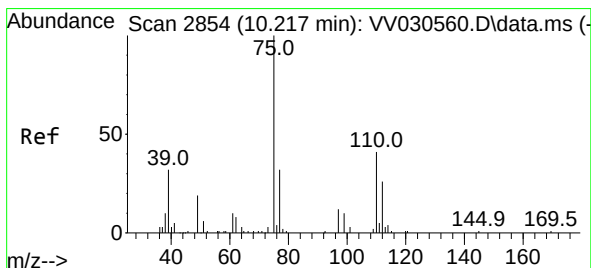
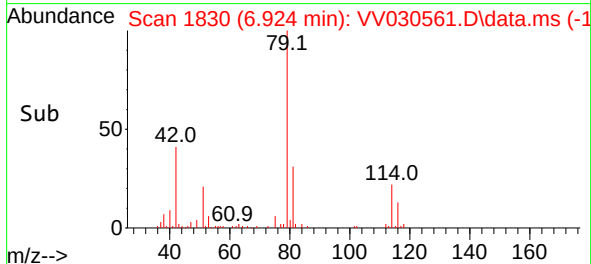
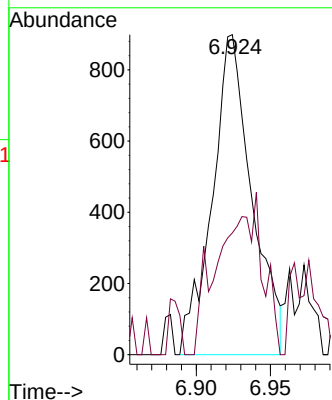
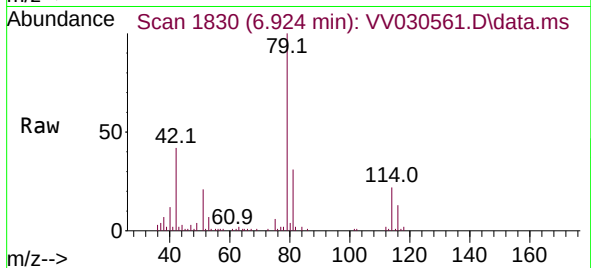
VBLK329

Tgt Ion: 75 Resp: 1673

Ion Ratio Lower Upper

75 100

77 38.0 22.0 41.0



#61

1,2,3-Trichloropropane

Concen: 1.295 ug/L

RT: 11.194 min Scan# 3158

Delta R.T. 0.978 min

Lab File: VV030561.D

Acq: 14 Apr 2023 10:20

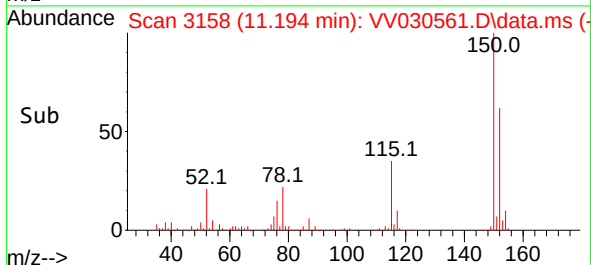
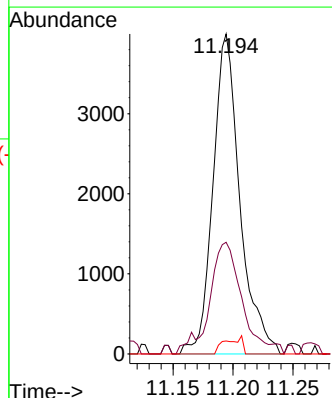
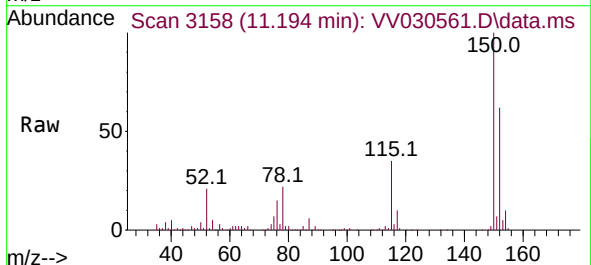
Tgt Ion: 75 Resp: 6230

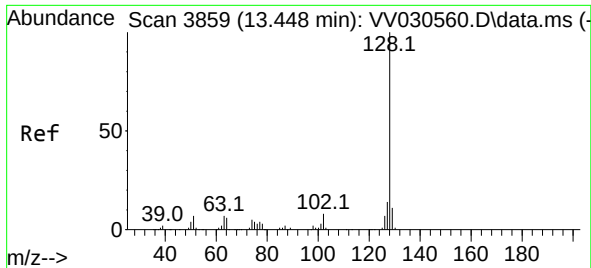
Ion Ratio Lower Upper

75 100

77 39.5 26.0 39.0#

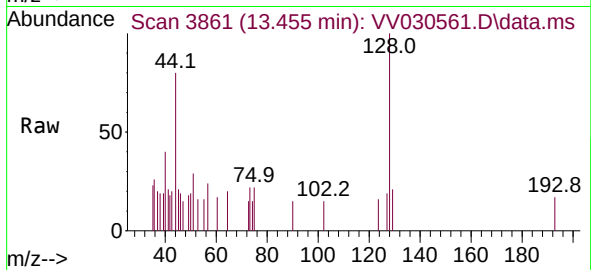
110 2.3 31.6 47.4#





#71
Naphthalene
Concen: 0.077 ug/L
RT: 13.455 min Scan# 3861
Delta R.T. 0.007 min
Lab File: VV030561.D
Acq: 14 Apr 2023 10:20

Instrument :
MSVOA_V
ClientSampleId :
VBLK329



Tgt Ion:128 Resp: 1290
Ion Ratio Lower Upper
128 100
129 13.2 8.9 13.3
127 10.6 10.8 16.2#

