

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120522\
 Data File : VW029395.D
 Acq On : 05 Dec 2022 10:43
 Operator : SY/MD
 Sample : VW1205WBL03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK282

Quant Time: Dec 05 23:30:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 02 21:17:55 2022
 Response via : Initial Calibration

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

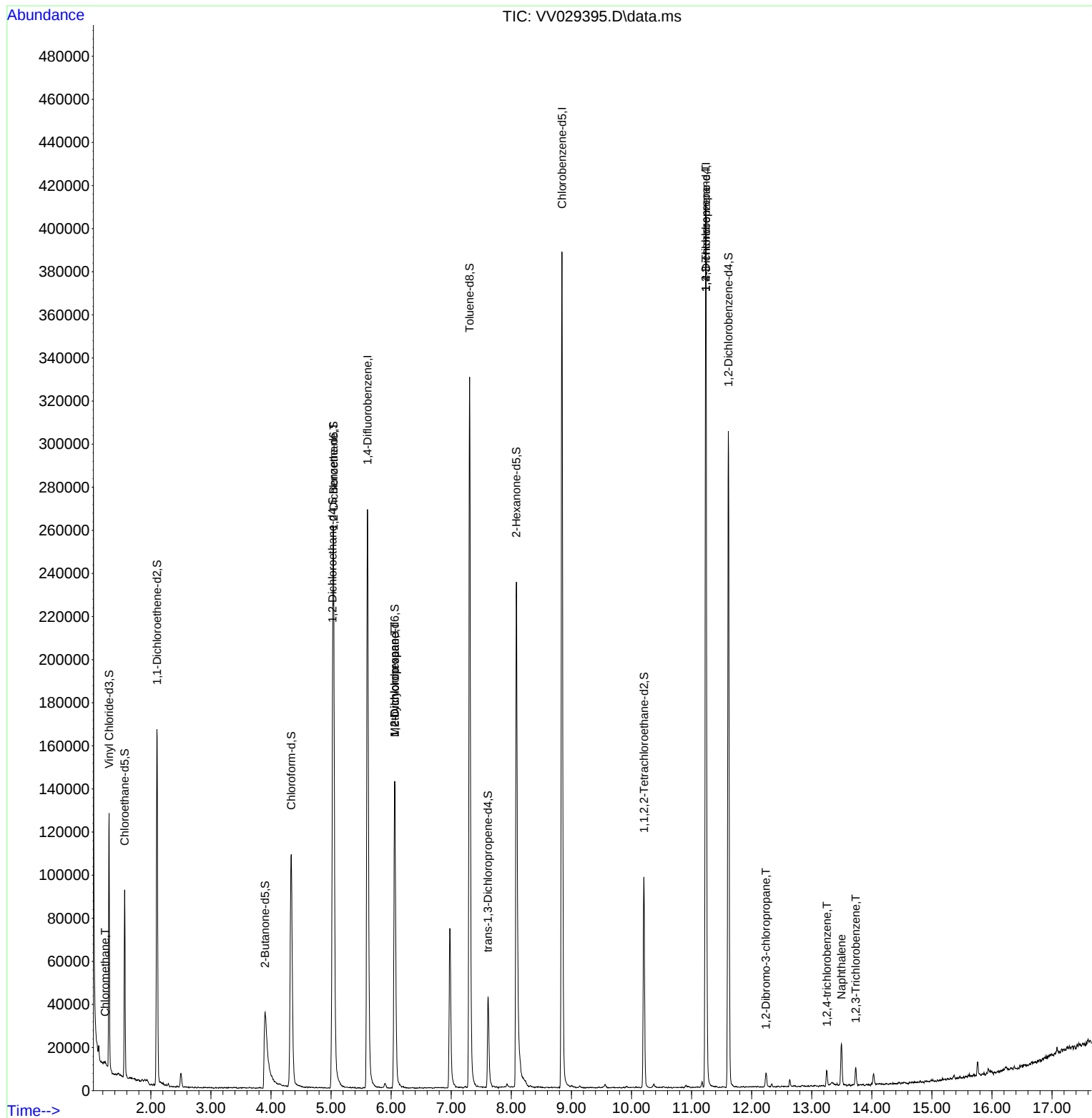
Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	251047	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	228083	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	113907	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	71920	4.655	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.200%
7) Chloroethane-d5	1.564	69	54744	4.841	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.800%
11) 1,1-Dichloroethene-d2	2.101	63	83969	3.396	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.000%
20) 2-Butanone-d5	3.902	46	87501	33.856	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	67.720%
24) Chloroform-d	4.336	84	119857	4.346	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
26) 1,2-Dichloroethane-d4	5.024	65	54230	4.470	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
32) Benzene-d6	5.040	84	264117	4.190	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.800%
36) 1,2-Dichloropropane-d6	6.059	67	77146	4.355	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.200%
41) Toluene-d8	7.307	98	234429	3.940	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.800%
43) trans-1,3-Dichloroprop...	7.612	79	28003	4.101	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.000%
46) 2-Hexanone-d5	8.085	63	100030	41.092	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.180%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	51927	4.751	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.000%
66) 1,2-Dichlorobenzene-d4	11.612	152	80617	4.051	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.000%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	1110	0.065	ug/L	98
27) 1,2-Dichloroethane	5.043	62	1182	0.078	ug/L #	72
35) Methylcyclohexane	6.059	83	17995	0.613	ug/L #	21
37) 1,2-Dichloropropane	6.059	63	7771	0.484	ug/L #	85
61) 1,2,3-Trichloropropane	11.236	75	13494	1.708	ug/L #	65
68) 1,2-Dibromo-3-chloropr...	12.236	75	187	0.121	ug/L #	1
70) 1,2,4-trichlorobenzene	13.252	180	2710	0.118	ug/L	96
71) Naphthalene	13.493	128	17454	0.879	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	2846	0.152	ug/L	94

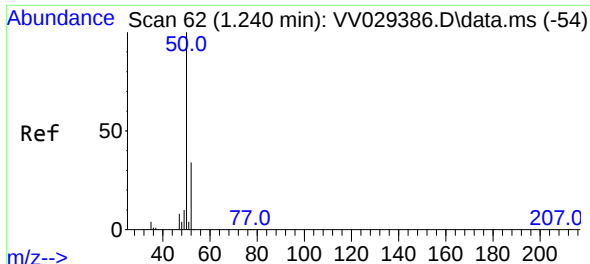
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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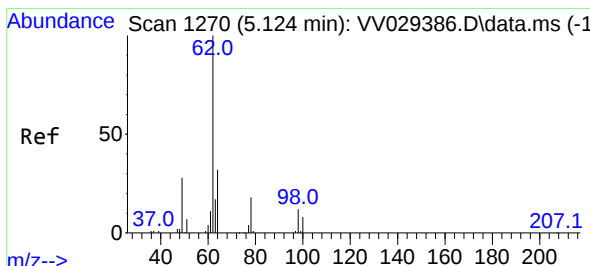
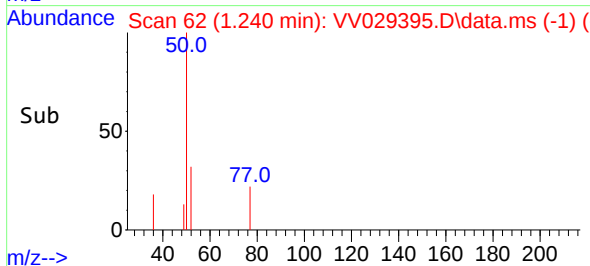
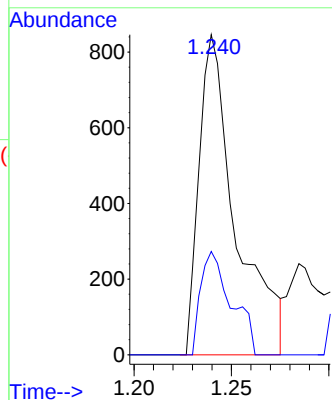
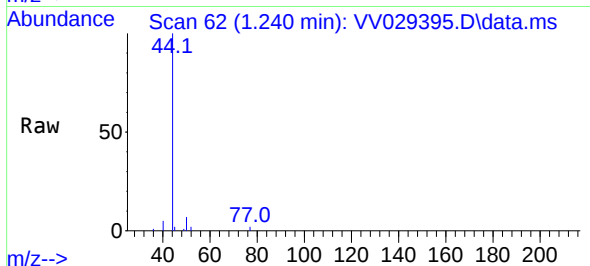




#3
Chloromethane
Concen: 0.065 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV029395.D
Acq: 05 Dec 2022 10:43

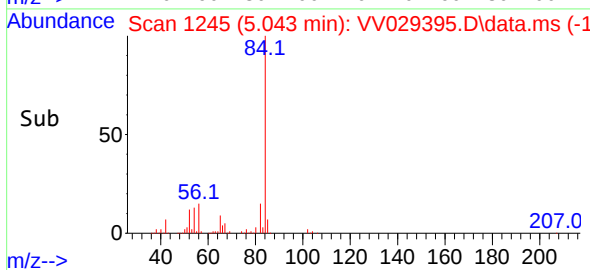
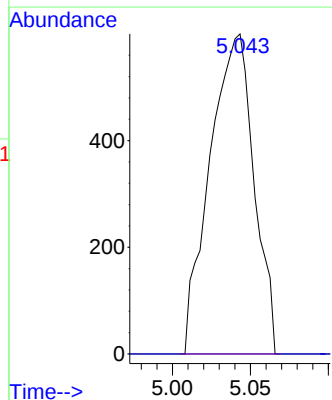
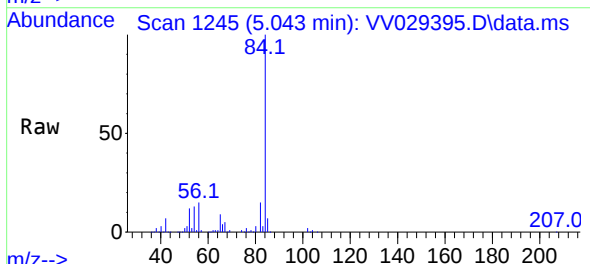
Instrument :
MSVOA_V
ClientSampleId :
VBLK282

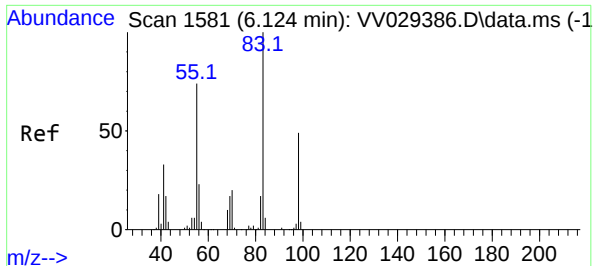
Tgt Ion: 50 Resp: 1110
Ion Ratio Lower Upper
50 100
52 32.3 23.2 43.2



#27
1,2-Dichloroethane
Concen: 0.078 ug/L
RT: 5.043 min Scan# 1245
Delta R.T. -0.081 min
Lab File: VV029395.D
Acq: 05 Dec 2022 10:43

Tgt Ion: 62 Resp: 1182
Ion Ratio Lower Upper
62 100
98 0.0 8.4 12.6#





#35

Methylcyclohexane

Concen: 0.613 ug/L

RT: 6.059 min Scan# 1561

Delta R.T. -0.064 min

Lab File: VV029395.D

Acq: 05 Dec 2022 10:43

Instrument :

MSVOA_V

ClientSampleId :

VBLK282

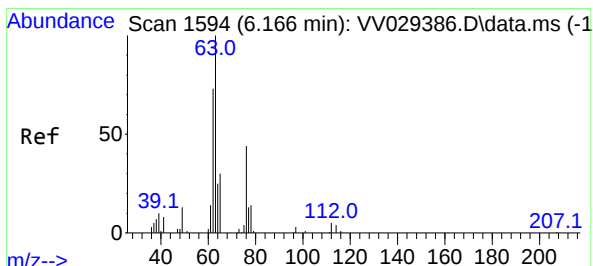
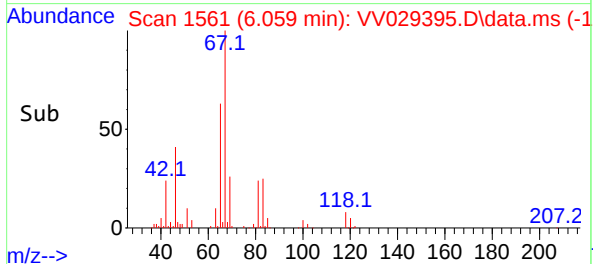
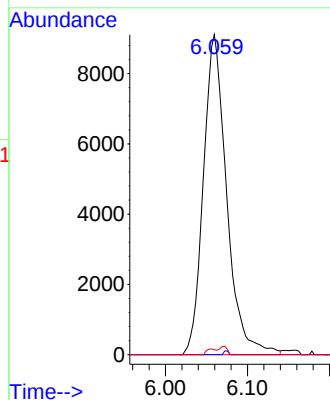
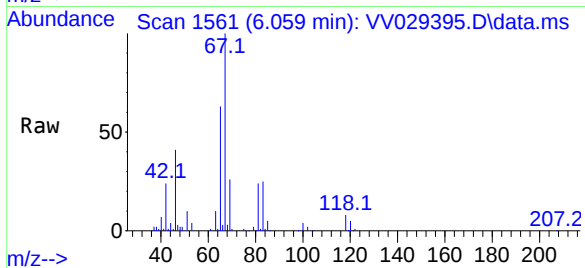
Tgt Ion: 83 Resp: 17995

Ion Ratio Lower Upper

83 100

55 0.0 55.4 83.2#

98 0.8 39.4 59.2#



#37

1,2-Dichloropropane

Concen: 0.484 ug/L

RT: 6.059 min Scan# 1561

Delta R.T. -0.106 min

Lab File: VV029395.D

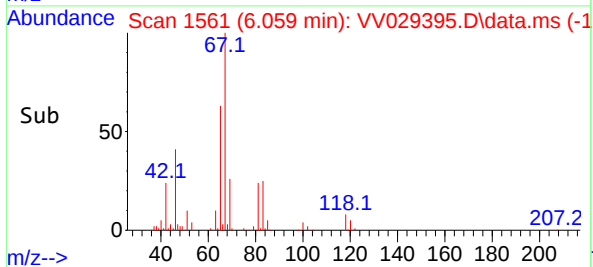
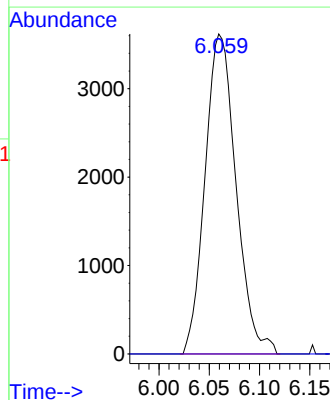
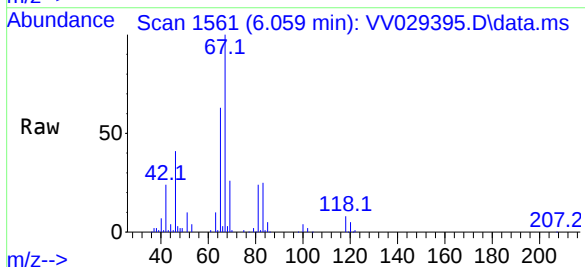
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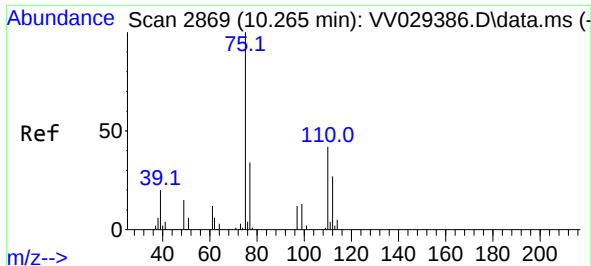
Tgt Ion: 63 Resp: 7771

Ion Ratio Lower Upper

63 100

112 0.0 4.1 6.1#

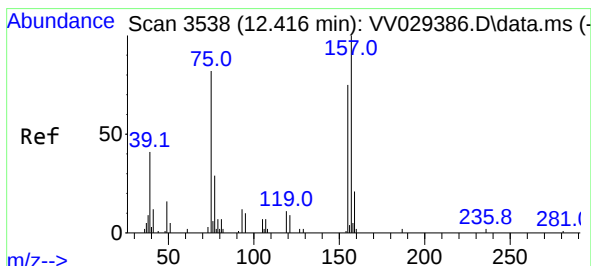
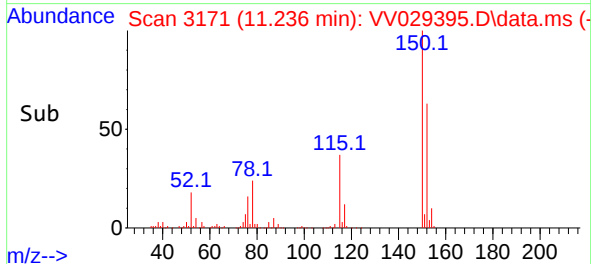
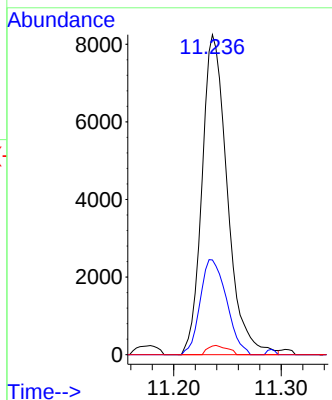
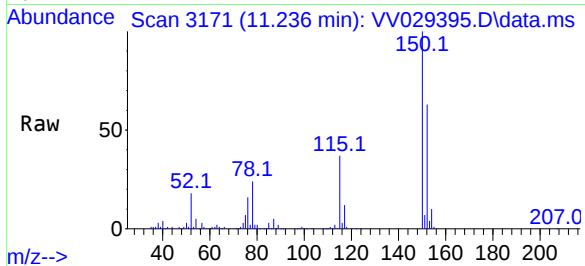




#61
1,2,3-Trichloropropane
Concen: 1.708 ug/L
RT: 11.236 min Scan# 3171
Delta R.T. 0.971 min
Lab File: VV029395.D
Acq: 05 Dec 2022 10:43

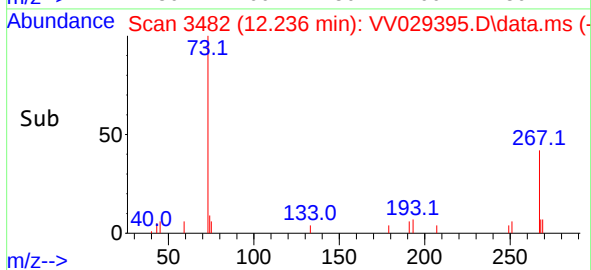
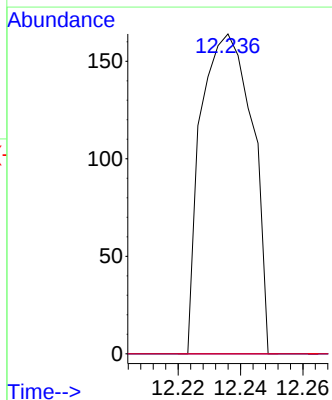
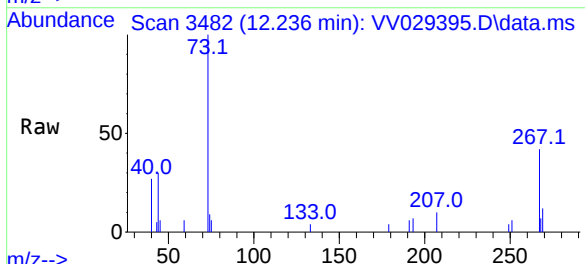
Instrument :
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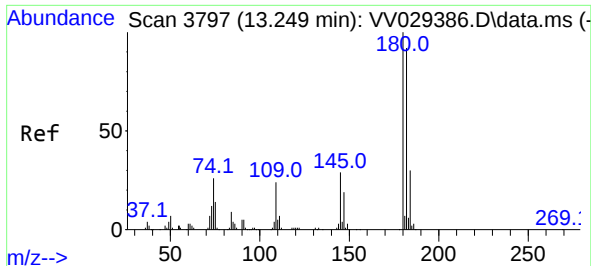
Tgt Ion: 75 Resp: 13494
Ion Ratio Lower Upper
75 100
77 31.0 26.7 40.1
110 2.3 32.2 48.4#



#68
1,2-Dibromo-3-chloropropane
Concen: 0.121 ug/L
RT: 12.236 min Scan# 3482
Delta R.T. -0.180 min
Lab File: VV029395.D
Acq: 05 Dec 2022 10:43

Tgt Ion: 75 Resp: 187
Ion Ratio Lower Upper
75 100
155 0.0 76.6 115.0#
157 0.0 96.9 145.3#

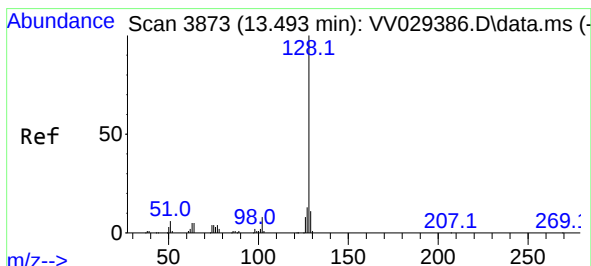
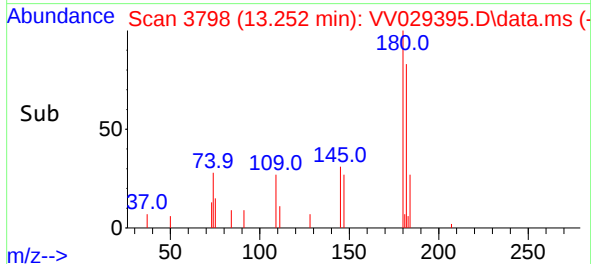
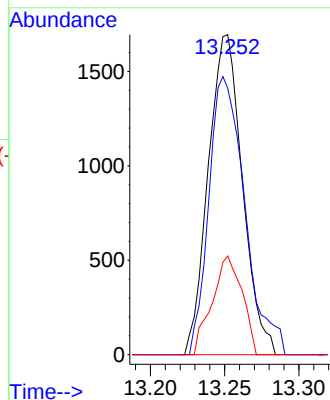
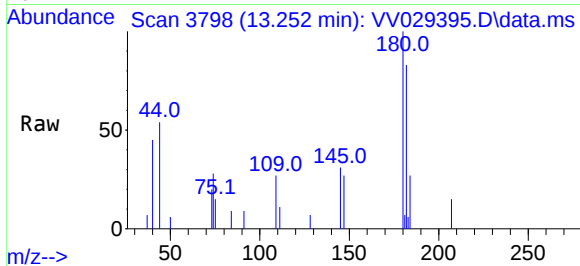




#70
1,2,4-trichlorobenzene
Concen: 0.118 ug/L
RT: 13.252 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV029395.D
Acq: 05 Dec 2022 10:43

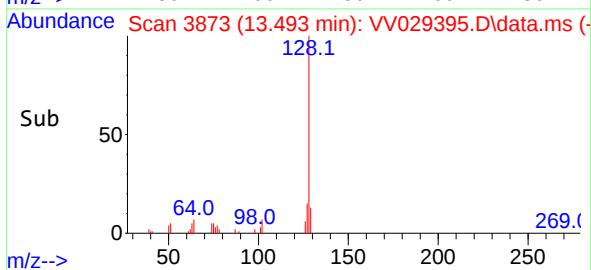
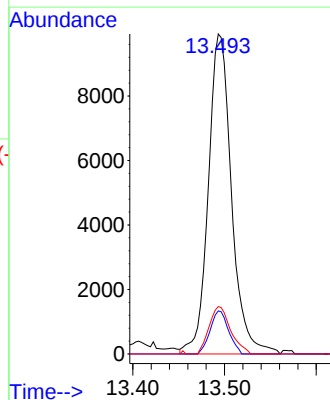
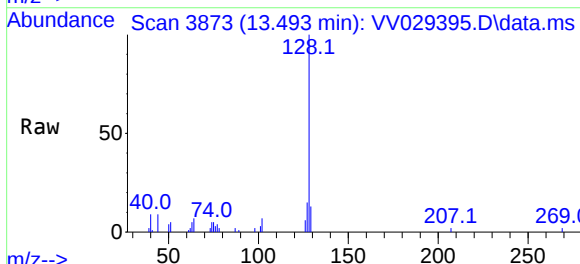
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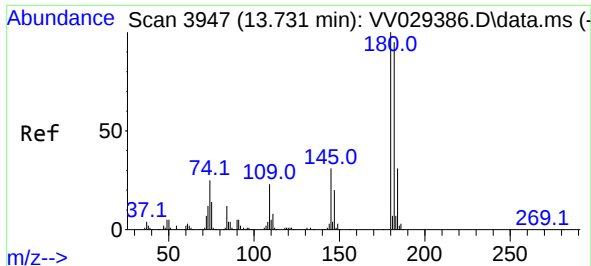
Tgt Ion:180 Resp: 2710
Ion Ratio Lower Upper
180 100
182 91.5 76.2 114.4
145 27.1 23.4 35.0



#71
Naphthalene
Concen: 0.879 ug/L
RT: 13.493 min Scan# 3873
Delta R.T. -0.000 min
Lab File: VV029395.D
Acq: 05 Dec 2022 10:43

Tgt Ion:128 Resp: 17454
Ion Ratio Lower Upper
128 100
129 10.6 8.9 13.3
127 13.6 10.6 15.8





#72

1,2,3-Trichlorobenzene

Concen: 0.152 ug/L

RT: 13.731 min Scan# 3947

Delta R.T. -0.000 min

Lab File: VV029395.D

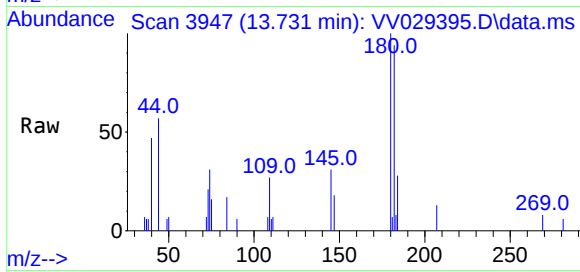
Acq: 05 Dec 2022 10:43

Instrument :

MSVOA_V

ClientSampleId :

VBLK282



Tgt Ion:180 Resp: 2846

Ion Ratio Lower Upper

180 100

182 101.2 75.0 112.4

145 32.3 25.2 37.8

