

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022024\
 Data File : VW034270.D
 Acq On : 20 Feb 2024 15:18
 Operator : SY/MD
 Sample : P1501-17
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 21 01:44:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 21 01:41:15 2024
 Response via : Initial Calibration

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

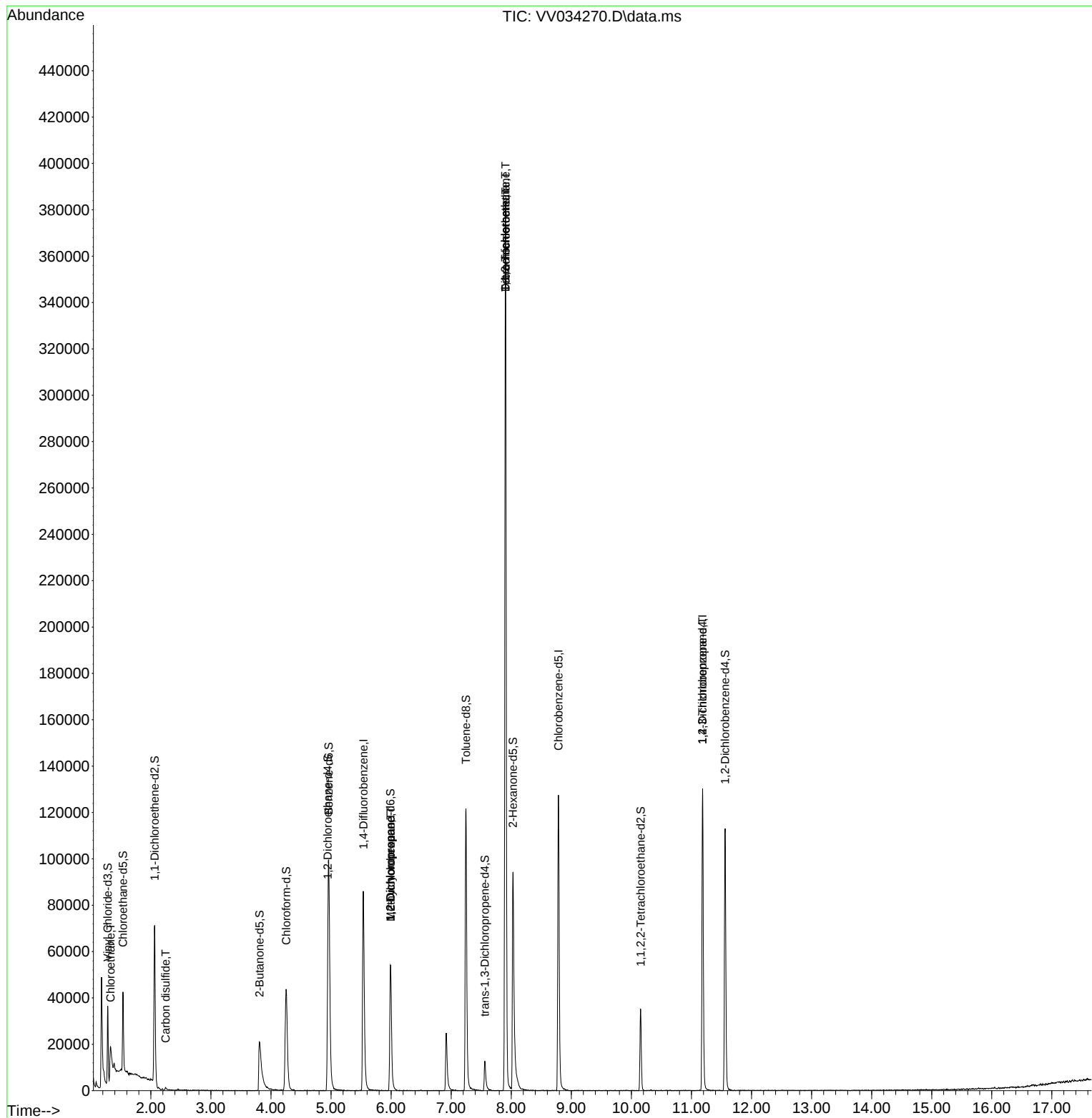
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	75013	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	69934	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	32864	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	22200	3.821	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.400%
7) Chloroethane-d5	1.536	69	20991	4.125	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.600%
11) 1,1-Dichloroethene-d2	2.063	65	11254	4.017	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.400%
20) 2-Butanone-d5	3.809	46	42780	43.845	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.700%
24) Chloroform-d	4.253	84	48742	4.617	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	4.947	65	23865	4.837	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
32) Benzene-d6	4.960	84	88925	4.238	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
36) 1,2-Dichloropropane-d6	5.989	67	24818	4.231	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.600%
41) Toluene-d8	7.246	98	81003	4.201	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.000%
43) trans-1,3-Dichloroprop...	7.561	79	8906	4.021	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.400%
46) 2-Hexanone-d5	8.027	63	34222	43.287	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.580%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	15964	4.490	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.800%
66) 1,2-Dichlorobenzene-d4	11.561	152	29412	4.921	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.400%
Target Compounds						
					Qvalue	
8) Chloroethane	1.330	64	28312	5.792	ug/L #	54
14) Carbon disulfide	2.246	76	1993	0.118	ug/L #	85
35) Methylcyclohexane	5.992	83	6314	0.663	ug/L #	17
37) 1,2-Dichloropropane	5.992	63	3239	0.637	ug/L #	87
45) 1,1,2-Trichloroethane	7.902	97	667	0.213	ug/L #	10
47) Tetrachloroethene	7.905	164	79773	16.173	ug/L	97
49) Dibromochloromethane	7.905	129	72006	19.313	ug/L #	11
61) 1,2,3-Trichloropropane	11.185	75	3863	1.710	ug/L #	58

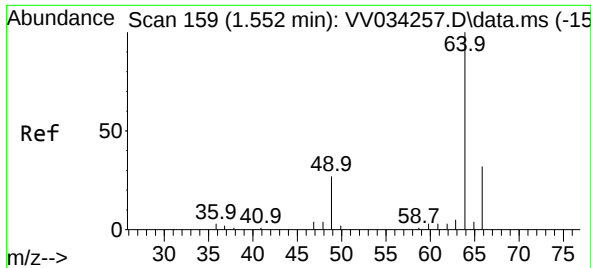
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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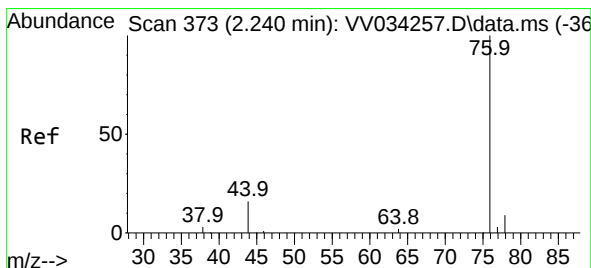
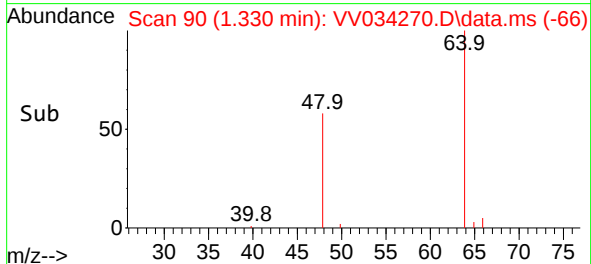
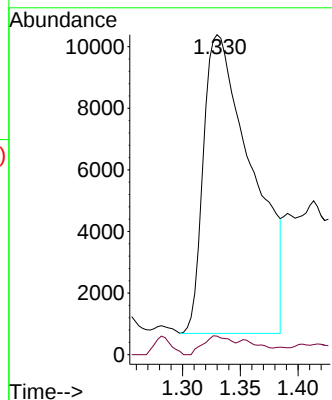
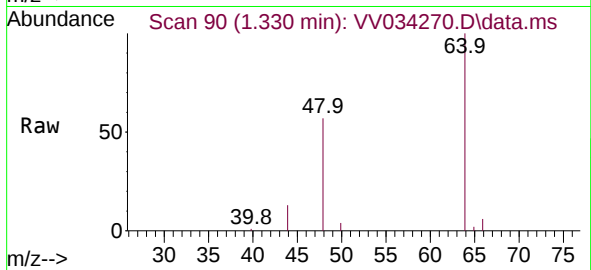




#8
Chloroethane
Concen: 5.792 ug/L
RT: 1.330 min Scan# 90
Delta R.T. -0.222 min
Lab File: VV034270.D
Acq: 20 Feb 2024 15:18

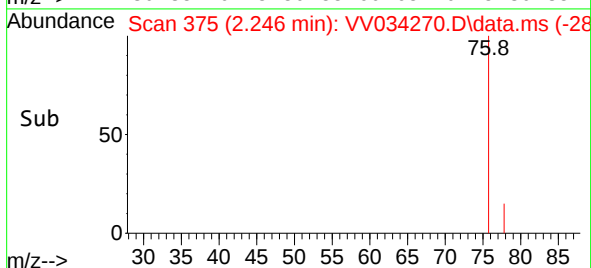
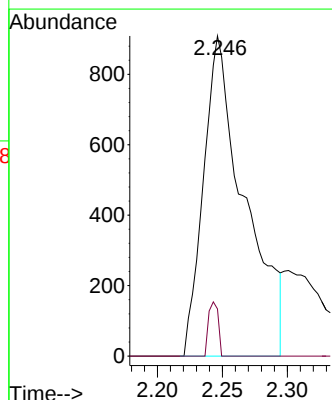
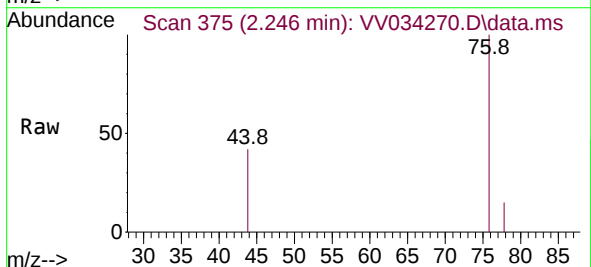
Instrument :
MSVOA_V
ClientSampleId :

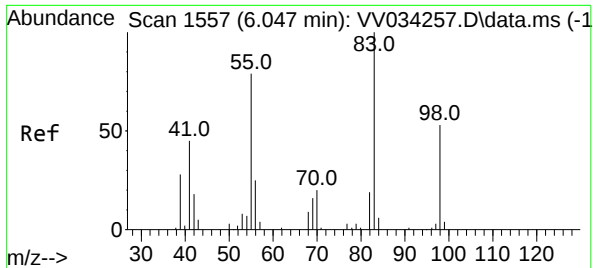
Tgt Ion: 64 Resp: 28312
Ion Ratio Lower Upper
64 100
66 5.8 22.0 41.0#



#14
Carbon disulfide
Concen: 0.118 ug/L
RT: 2.246 min Scan# 375
Delta R.T. 0.006 min
Lab File: VV034270.D
Acq: 20 Feb 2024 15:18

Tgt Ion: 76 Resp: 1993
Ion Ratio Lower Upper
76 100
78 14.7 7.5 11.3#

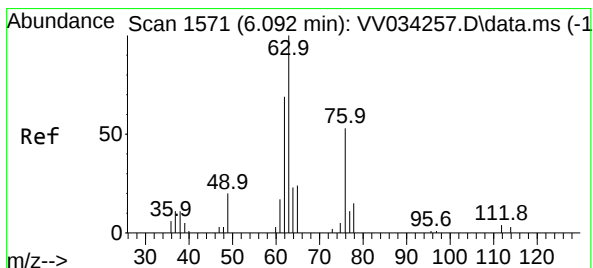
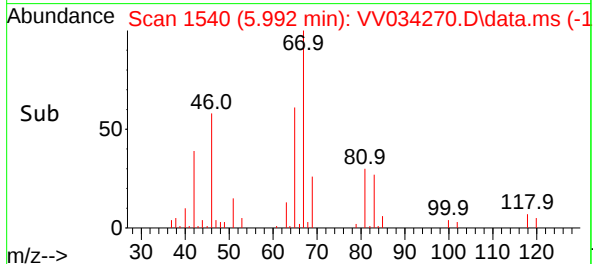
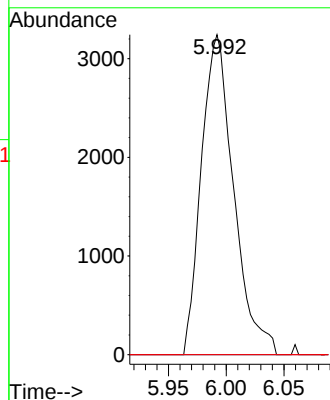
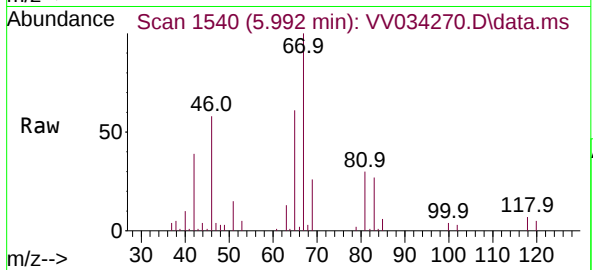




#35
Methylcyclohexane
Concen: 0.663 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.055 min
Lab File: VV034270.D
Acq: 20 Feb 2024 15:18

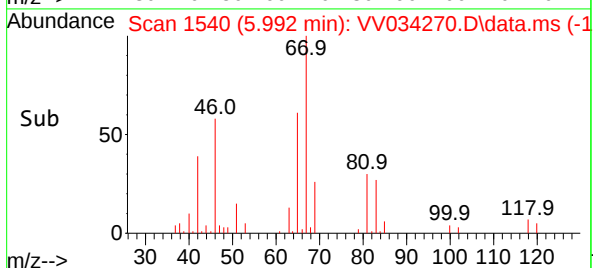
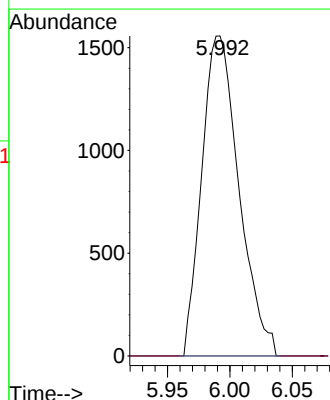
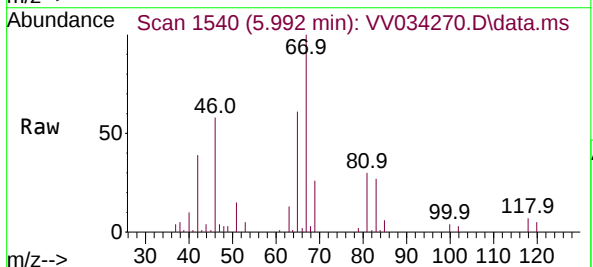
Instrument :
MSVOA_V
ClientSampleId :

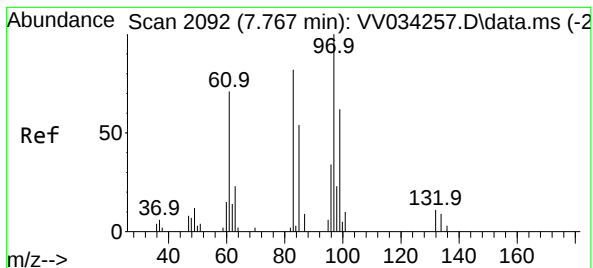
Tgt Ion: 83 Resp: 6314
Ion Ratio Lower Upper
83 100
55 0.0 63.5 95.3#
98 0.0 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.637 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.100 min
Lab File: VV034270.D
Acq: 20 Feb 2024 15:18

Tgt Ion: 63 Resp: 3239
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#





#45

1,1,2-Trichloroethane

Concen: 0.213 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. 0.135 min

Lab File: VV034270.D

Acq: 20 Feb 2024 15:18

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 667

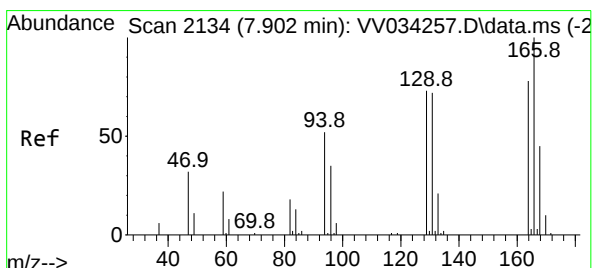
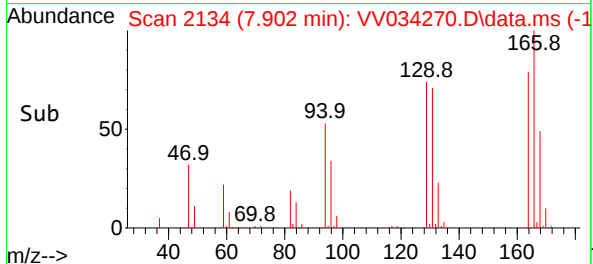
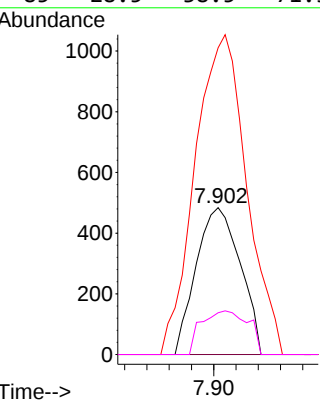
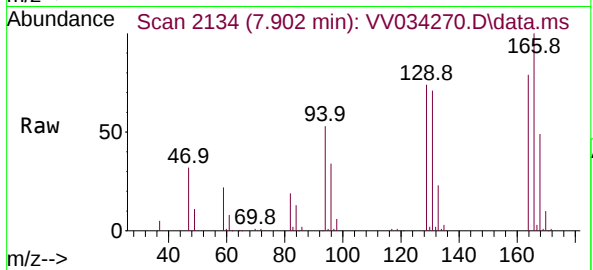
Ion Ratio Lower Upper

97 100

99 0.0 45.6 84.6#

83 208.9 62.3 115.7#

85 28.5 38.5 71.5#



#47

Tetrachloroethene

Concen: 16.173 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. 0.003 min

Lab File: VV034270.D

Acq: 20 Feb 2024 15:18

Tgt Ion:164 Resp: 79773

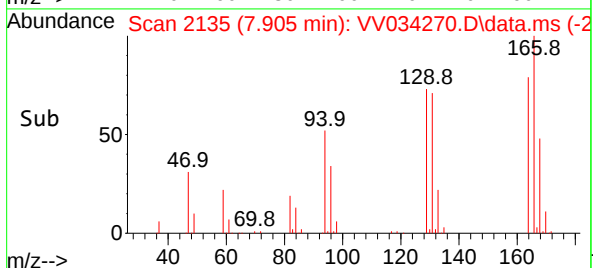
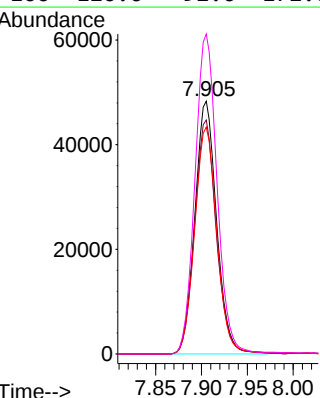
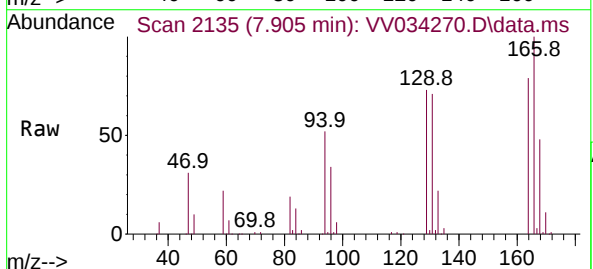
Ion Ratio Lower Upper

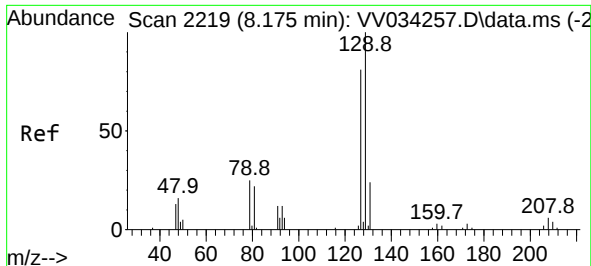
164 100

129 92.5 67.8 125.8

131 89.8 63.0 117.0

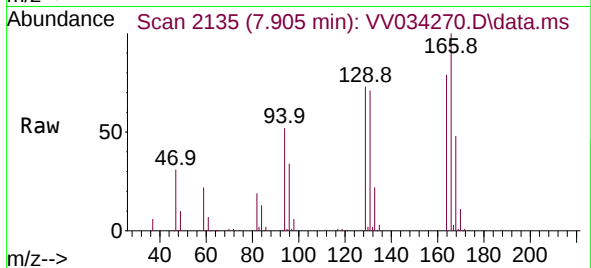
166 126.6 92.6 172.0



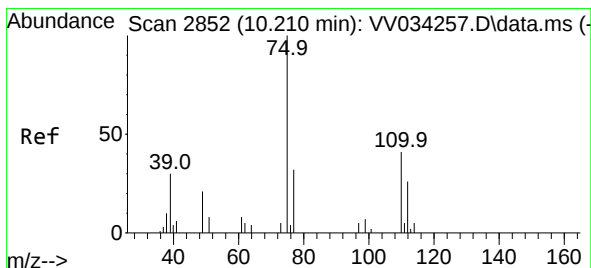
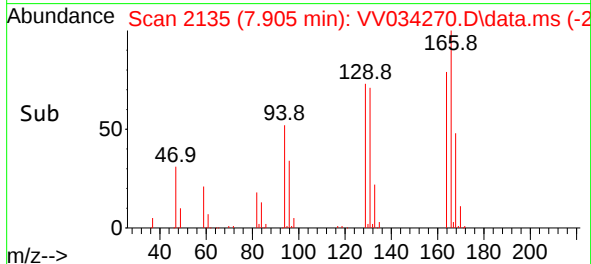
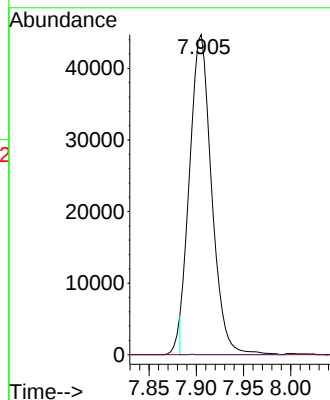


#49
Dibromochloromethane
Concen: 19.313 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.270 min
Lab File: VV034270.D
Acq: 20 Feb 2024 15:18

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:129 Resp: 72006
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.5#



#61
1,2,3-Trichloropropane
Concen: 1.710 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.974 min
Lab File: VV034270.D
Acq: 20 Feb 2024 15:18

Tgt Ion: 75 Resp: 3863
Ion Ratio Lower Upper
75 100
77 42.7 26.9 40.3#
110 1.6 33.3 49.9#

