

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012424\
 Data File : VU057635.D
 Acq On : 24 Jan 2024 22:10
 Operator : MD/SY
 Sample : P1227-08DL 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 25 04:58:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 25 04:41:48 2024
 Response via : Initial Calibration

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

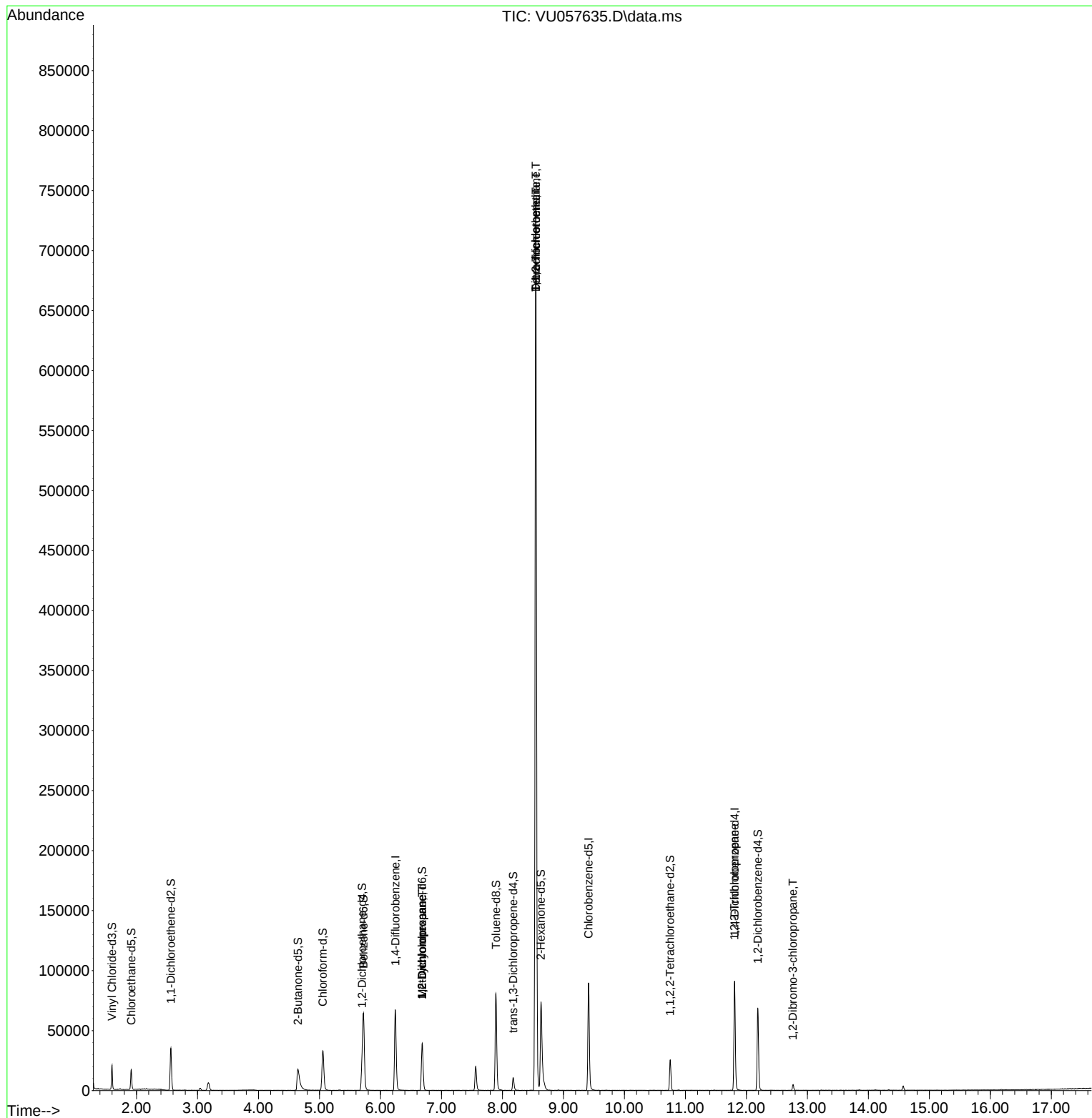
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	56350	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	51456	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	23661	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	14318	4.612	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.200%
7) Chloroethane-d5	1.914	69	12102	4.652	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.000%
11) 1,1-Dichloroethene-d2	2.563	65	6633	4.544	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.800%
20) 2-Butanone-d5	4.647	46	33226	56.728	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.460%
24) Chloroform-d	5.055	84	31281	4.964	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
26) 1,2-Dichloroethane-d4	5.698	65	15525	5.421	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.400%
32) Benzene-d6	5.721	84	61783	5.119	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.400%
36) 1,2-Dichloropropane-d6	6.685	67	18932	5.200	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.000%
41) Toluene-d8	7.894	98	56215	4.906	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
43) trans-1,3-Dichloroprop...	8.177	79	7050	4.859	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.200%
46) 2-Hexanone-d5	8.631	63	25649	55.405	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.820%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	12866	5.272	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	17966	5.411	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.200%
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.685	83	4392	0.559	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	2084	0.472	ug/L #	89
45) 1,1,2-Trichloroethane	8.547	97	1452	0.506	ug/L #	1
47) Tetrachloroethene	8.547	164	153525	42.938	ug/L	99
49) Dibromochloromethane	8.547	129	154566	41.561	ug/L #	10
61) 1,2,3-Trichloropropane	11.804	75	3125	1.316	ug/L #	65
68) 1,2-Dibromo-3-chloropr...	12.762	75	65	0.145	ug/L #	5

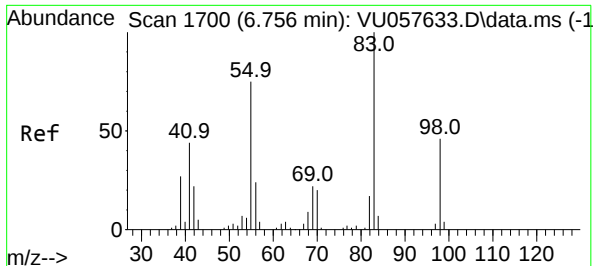
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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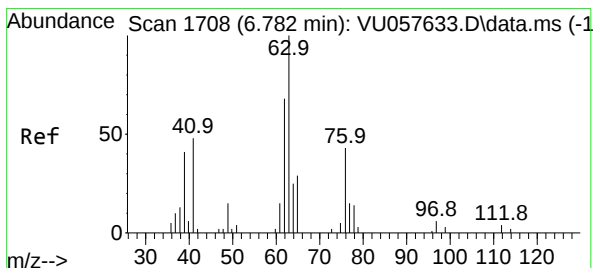
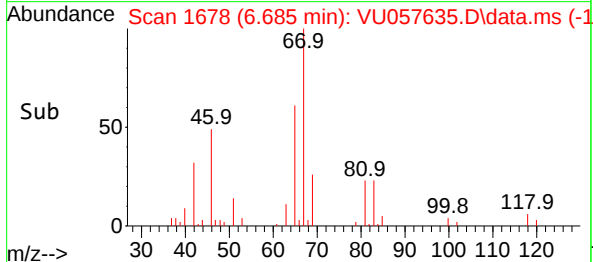
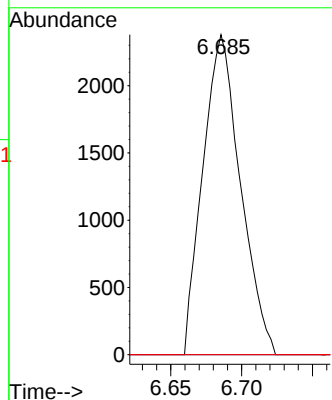
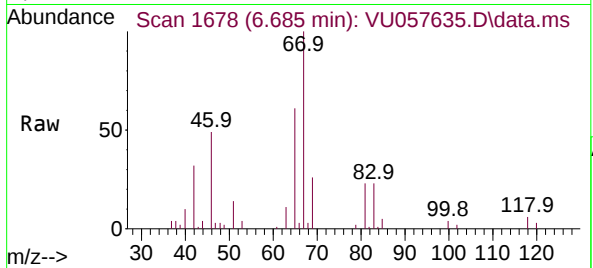




#35
Methylcyclohexane
Concen: 0.559 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU057635.D
Acq: 24 Jan 2024 22:10

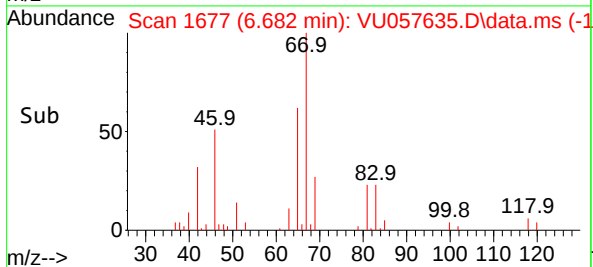
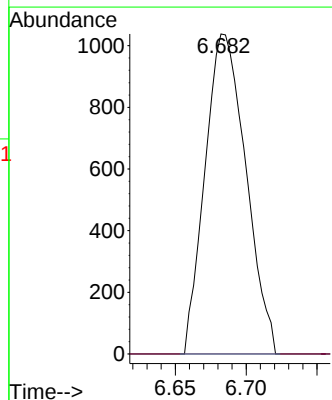
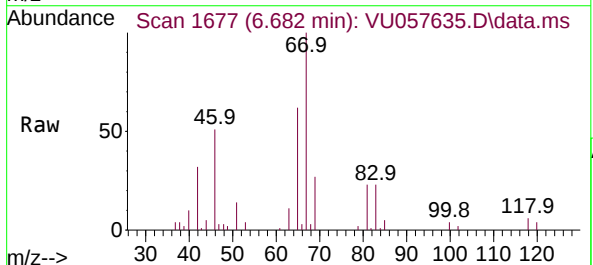
Instrument :
MSVOA_U
ClientSampleId :

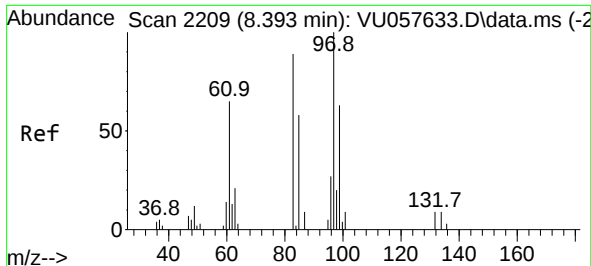
Tgt Ion: 83 Resp: 4392
Ion Ratio Lower Upper
83 100
55 0.0 61.4 92.0#
98 0.0 38.2 57.4#



#37
1,2-Dichloropropane
Concen: 0.472 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.100 min
Lab File: VU057635.D
Acq: 24 Jan 2024 22:10

Tgt Ion: 63 Resp: 2084
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#





#45

1,1,2-Trichloroethane

Concen: 0.506 ug/L

RT: 8.547 min Scan# 21

Delta R.T. 0.154 min

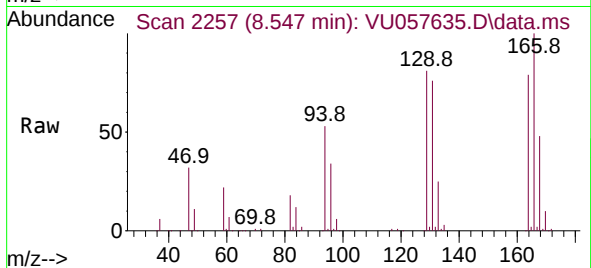
Lab File: VU057635.D

Acq: 24 Jan 2024 22:10

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 97 Resp: 1452

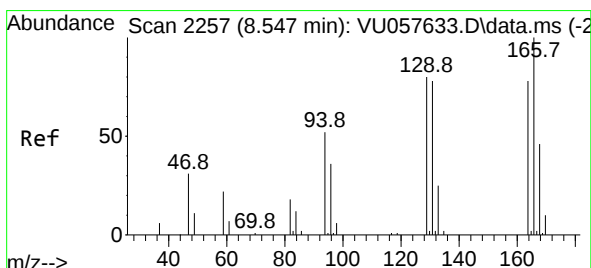
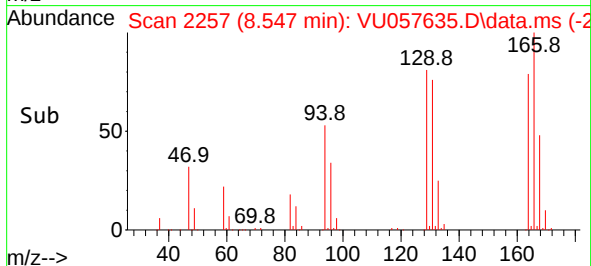
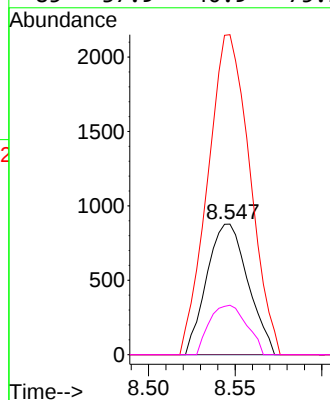
Ion Ratio Lower Upper

97 100

99 0.0 45.1 83.7#

83 245.2 62.3 115.7#

85 37.9 40.9 75.9#



#47

Tetrachloroethene

Concen: 42.938 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.000 min

Lab File: VU057635.D

Acq: 24 Jan 2024 22:10

Tgt Ion:164 Resp: 153525

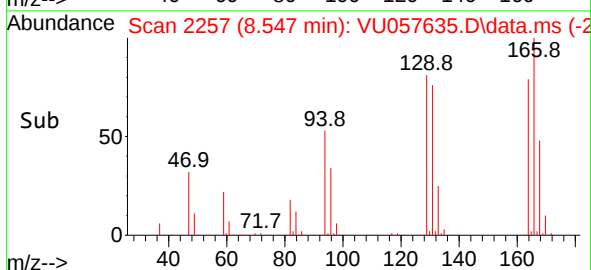
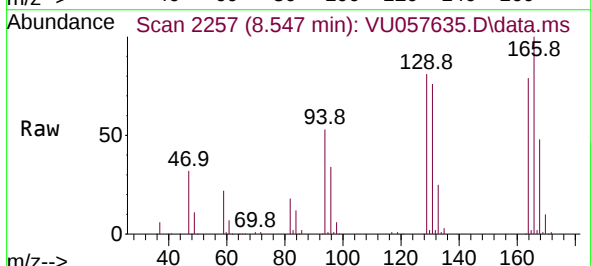
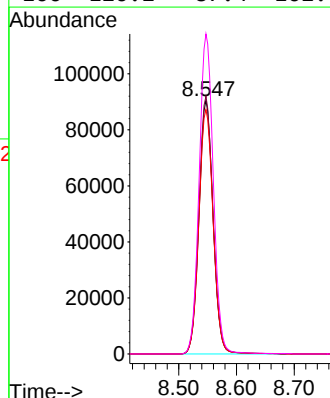
Ion Ratio Lower Upper

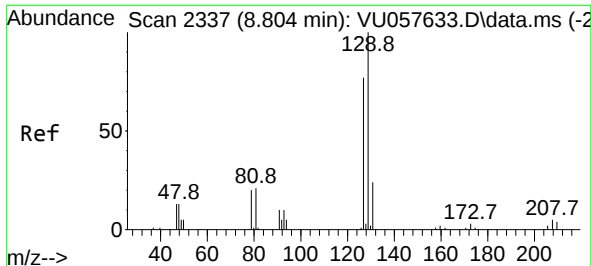
164 100

129 101.7 71.3 132.5

131 96.5 68.1 126.5

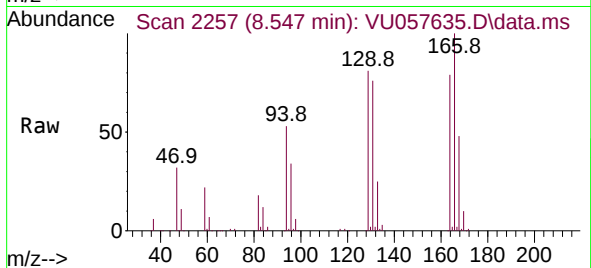
166 126.2 87.4 162.4



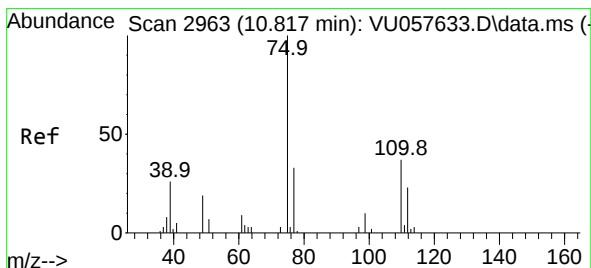
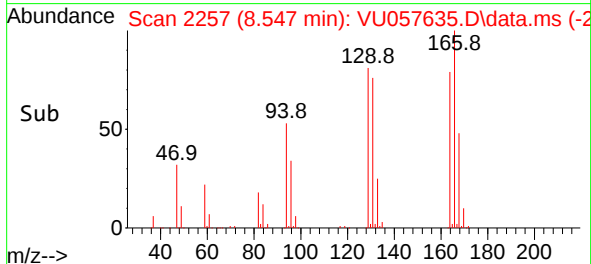
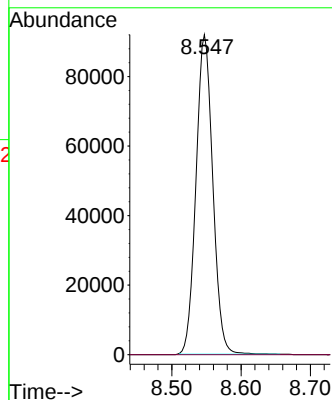


#49
Dibromochloromethane
Concen: 41.561 ug/L
RT: 8.547 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU057635.D
Acq: 24 Jan 2024 22:10

Instrument :
MSVOA_U
ClientSampleId :

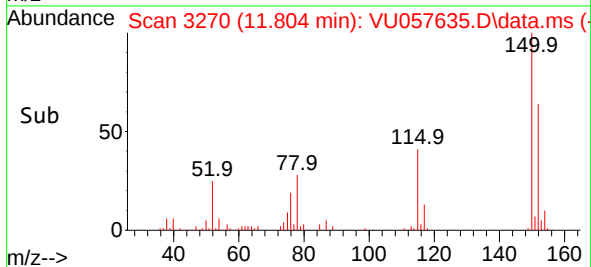
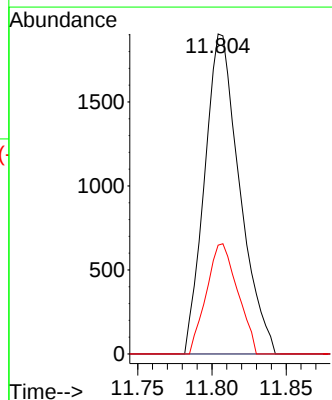
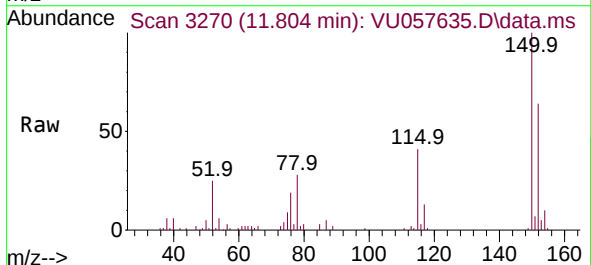


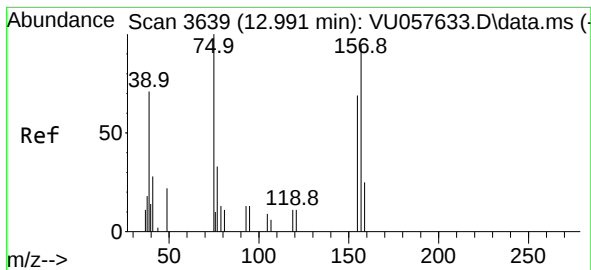
Tgt Ion:129 Resp: 154566
Ion Ratio Lower Upper
129 100
127 0.0 54.5 101.1#



#61
1,2,3-Trichloropropane
Concen: 1.316 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.987 min
Lab File: VU057635.D
Acq: 24 Jan 2024 22:10

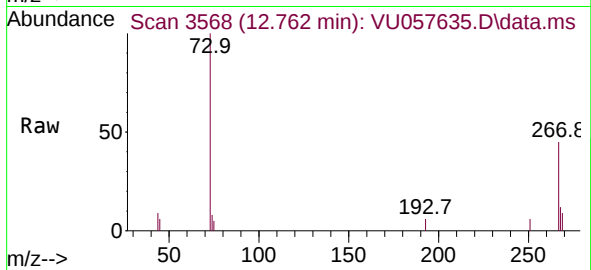
Tgt Ion: 75 Resp: 3125
Ion Ratio Lower Upper
75 100
110 0.0 30.1 45.1#
77 30.6 25.5 38.3





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.145 ug/L
 RT: 12.762 min Scan# 31
 Delta R.T. -0.228 min
 Lab File: VU057635.D
 Acq: 24 Jan 2024 22:10

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 65
 Ion Ratio Lower Upper
 75 100
 155 0.0 62.8 94.2#
 157 0.0 78.9 118.3#

