

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012324\
 Data File : VU057595.D
 Acq On : 24 Jan 2024 02:47
 Operator : MD/SY
 Sample : P1227-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 24 05:27:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 24 01:55:34 2024
 Response via : Initial Calibration

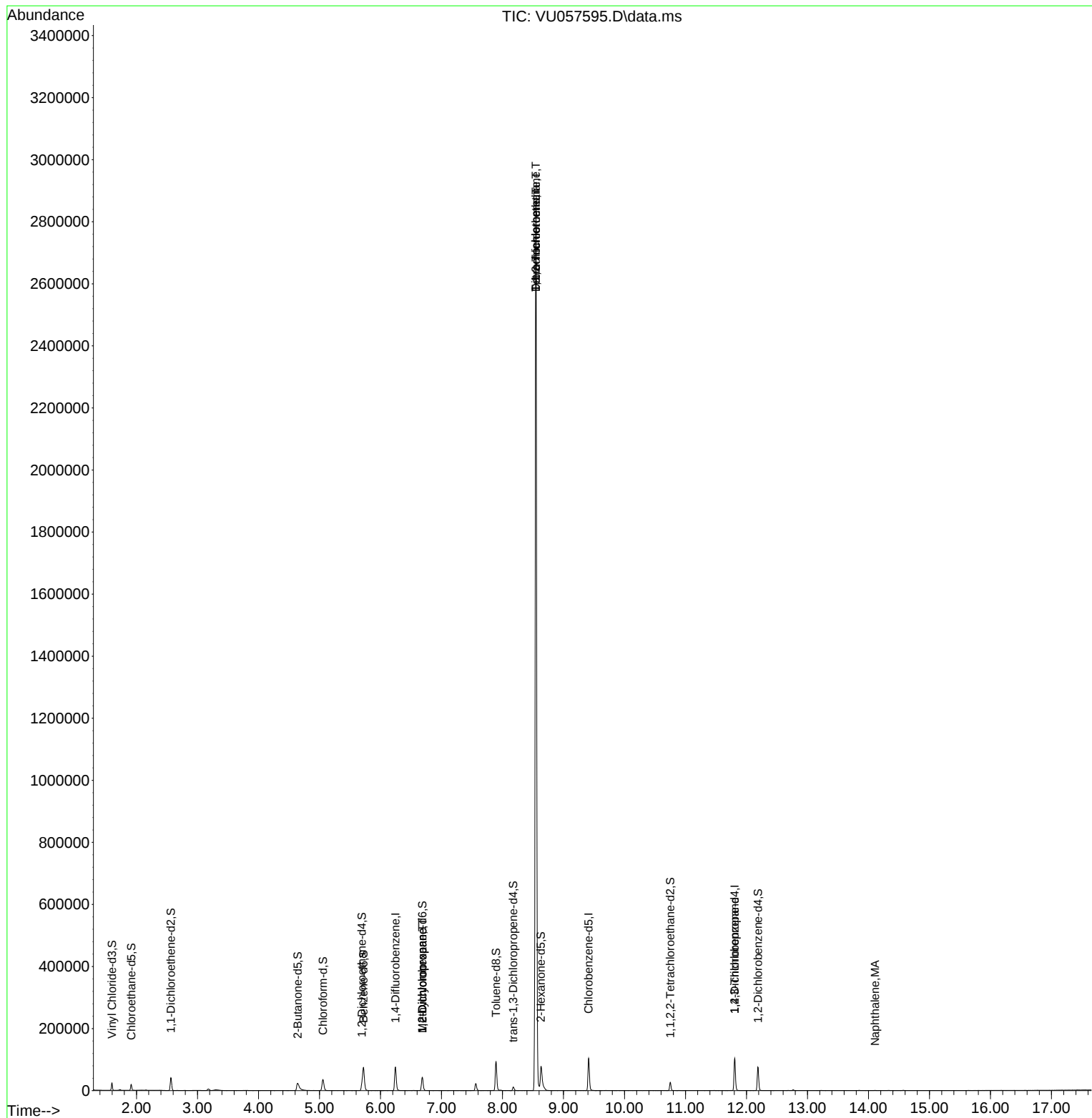
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	63364	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	58176	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	27269	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	16560	4.743	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	94.800%	
7) Chloroethane-d5	1.914	69	13915	4.757	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	95.200%	
11) 1,1-Dichloroethene-d2	2.563	65	7925	4.828	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	96.600%	
20) 2-Butanone-d5	4.640	46	35197	53.442	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	106.880%	
24) Chloroform-d	5.055	84	34334	4.845	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.000%	
26) 1,2-Dichloroethane-d4	5.695	65	16982	5.274	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.400%	
32) Benzene-d6	5.721	84	69436	5.088	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.800%	
36) 1,2-Dichloropropane-d6	6.685	67	21116	5.130	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.600%	
41) Toluene-d8	7.894	98	64674	4.993	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.800%	
43) trans-1,3-Dichloroprop...	8.177	79	7681	4.682	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	93.600%	
46) 2-Hexanone-d5	8.630	63	25687	49.078	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	98.160%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	13642	4.945	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	98.800%	
66) 1,2-Dichlorobenzene-d4	12.187	152	20136	5.262	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	105.200%	
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.685	83	4721	0.531	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	2337	0.468	ug/L #	89
45) 1,1,2-Trichloroethane	8.547	97	5742	1.768	ug/L #	6
47) Tetrachloroethene	8.547	164	586113	144.988	ug/L	98
49) Dibromochloromethane	8.547	129	602899	143.388	ug/L #	10
61) 1,2,3-Trichloropropane	11.807	75	3755	1.372	ug/L #	65
71) Naphthalene	14.106	128	1019	0.137	ug/L #	70

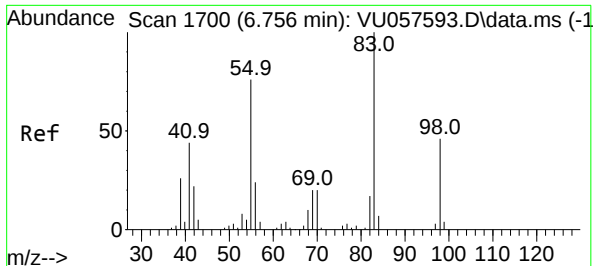
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methylcyclohexane

Concen: 0.531 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.071 min

Lab File: VU057595.D

Acq: 24 Jan 2024 02:47

Instrument :

MSVOA_U

ClientSampleId :

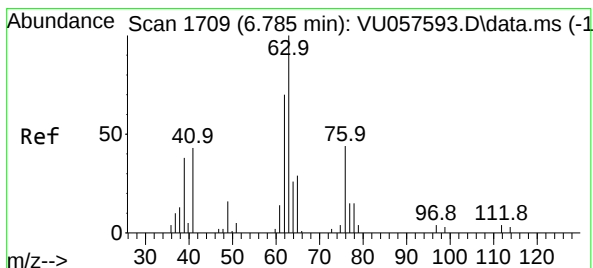
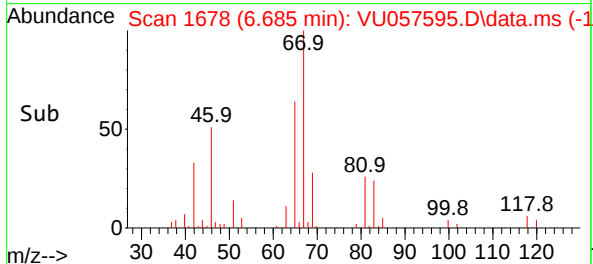
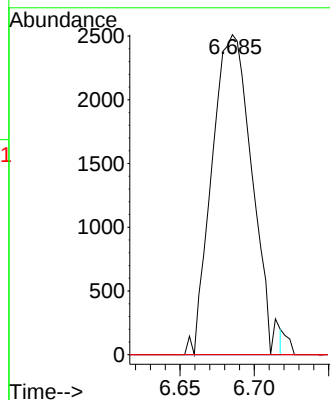
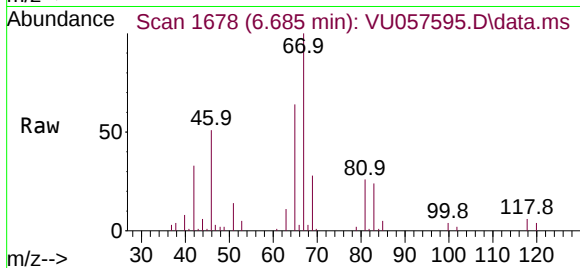
Tgt Ion: 83 Resp: 4721

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: 0.468 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.100 min

Lab File: VU057595.D

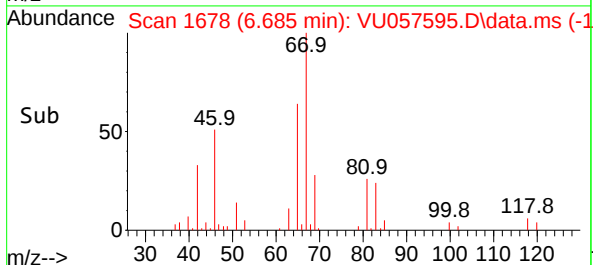
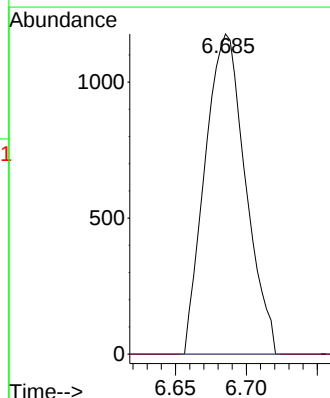
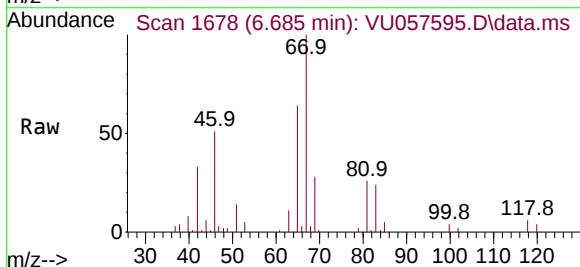
Acq: 24 Jan 2024 02:47

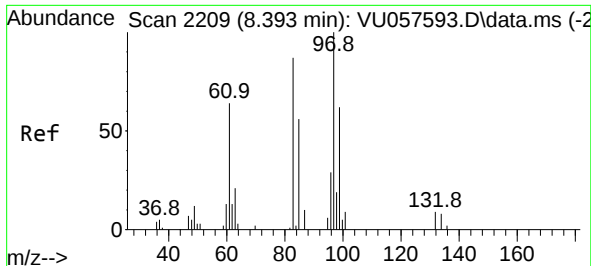
Tgt Ion: 63 Resp: 2337

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#





#45

1,1,2-Trichloroethane

Concen: 1.768 ug/L

RT: 8.547 min Scan# 21

Delta R.T. 0.154 min

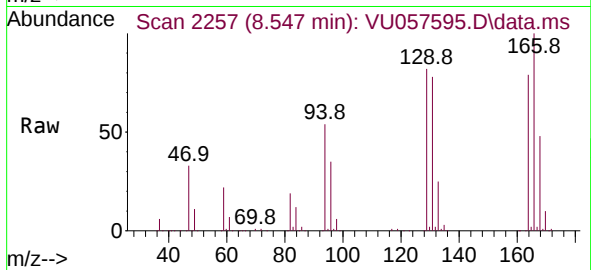
Lab File: VU057595.D

Acq: 24 Jan 2024 02:47

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 97 Resp: 5742

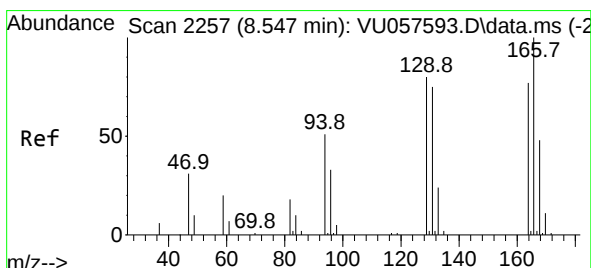
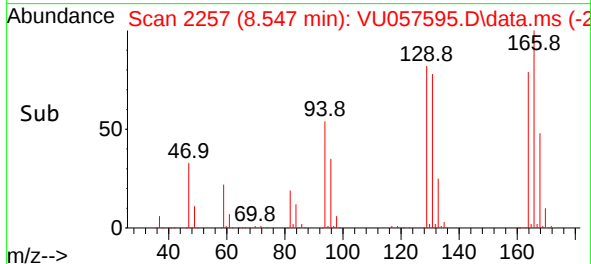
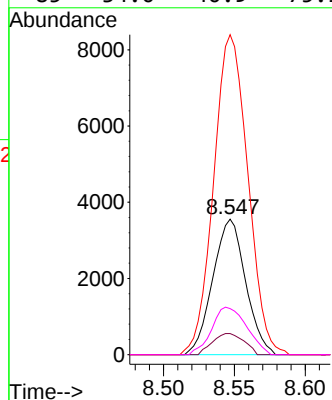
Ion Ratio Lower Upper

97 100

99 15.6 45.1 83.7#

83 236.1 62.3 115.7#

85 34.0 40.9 75.9#



#47

Tetrachloroethene

Concen: 144.988 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.000 min

Lab File: VU057595.D

Acq: 24 Jan 2024 02:47

Tgt Ion:164 Resp: 586113

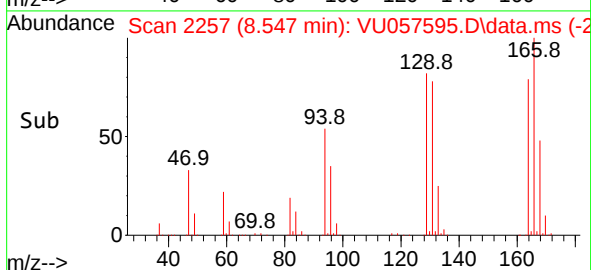
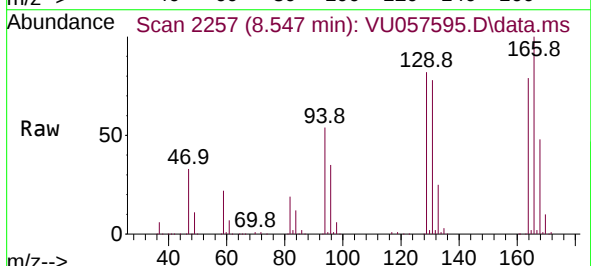
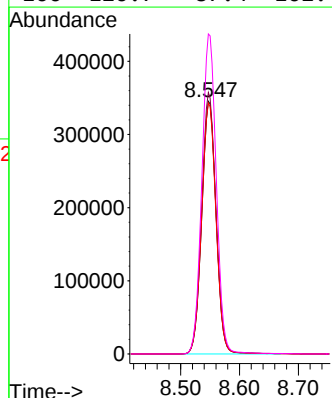
Ion Ratio Lower Upper

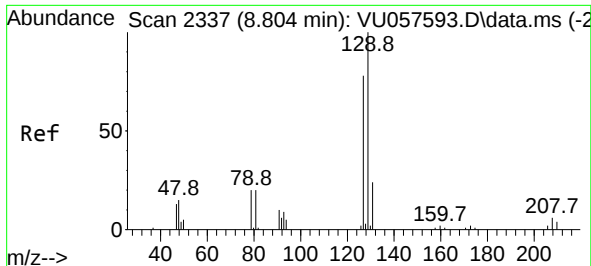
164 100

129 103.5 71.3 132.5

131 99.4 68.1 126.5

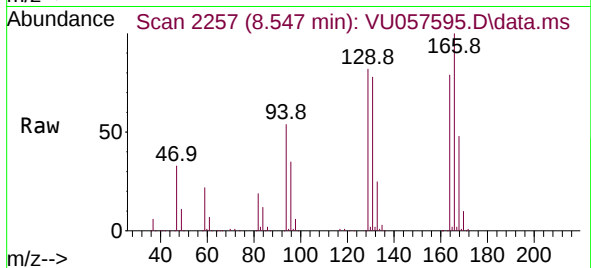
166 126.7 87.4 162.4



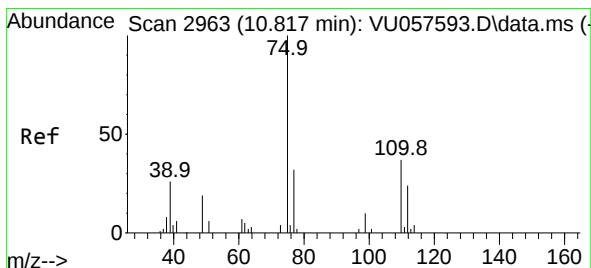
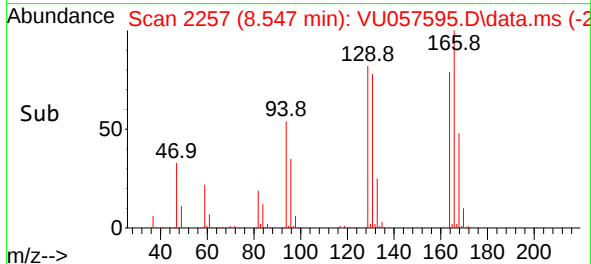
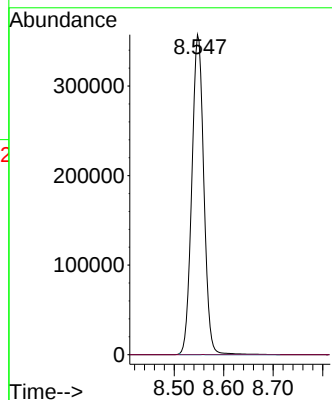


#49
Dibromochloromethane
Concen: 143.388 ug/L
RT: 8.547 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU057595.D
Acq: 24 Jan 2024 02:47

Instrument :
MSVOA_U
ClientSampleId :

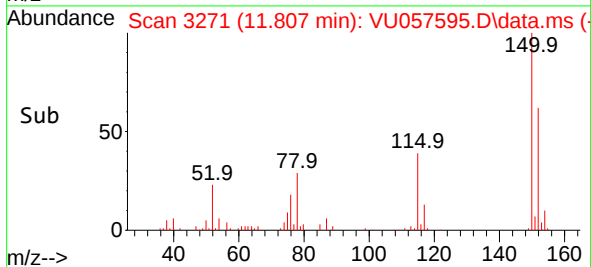
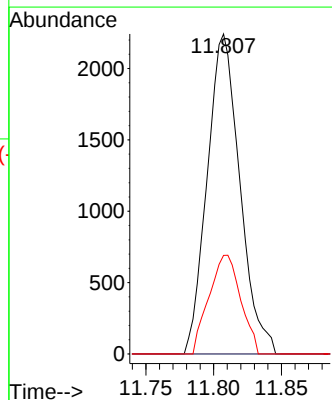
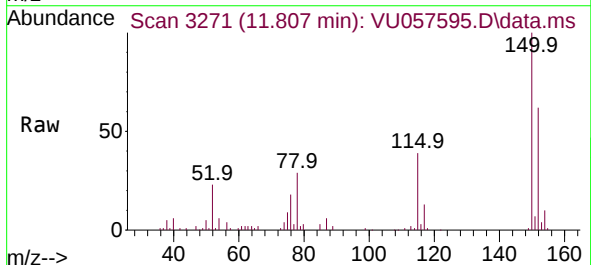


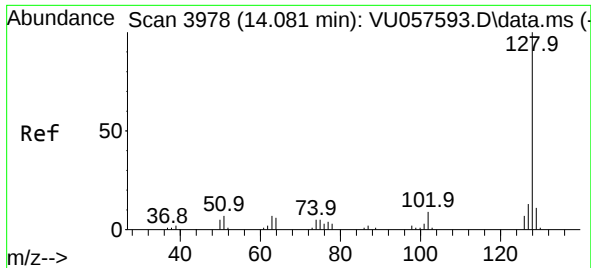
Tgt Ion:129 Resp: 602899
Ion Ratio Lower Upper
129 100
127 0.0 54.5 101.1#



#61
1,2,3-Trichloropropane
Concen: 1.372 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU057595.D
Acq: 24 Jan 2024 02:47

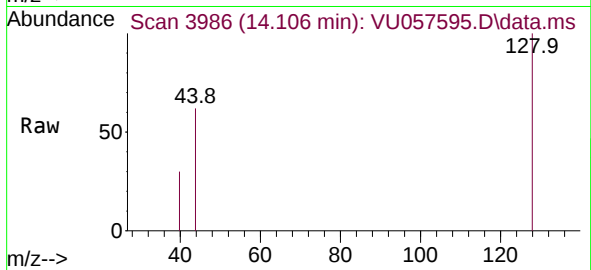
Tgt Ion: 75 Resp: 3755
Ion Ratio Lower Upper
75 100
110 0.0 30.1 45.1#
77 30.0 25.5 38.3





#71
Naphthalene
Concen: 0.137 ug/L
RT: 14.106 min Scan# 3978
Delta R.T. 0.026 min
Lab File: VU057595.D
Acq: 24 Jan 2024 02:47

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 1019
Ion Ratio Lower Upper
128 100
129 0.0 8.6 13.0#
127 0.0 10.0 15.0#

