

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041124\
 Data File : VU058632.D
 Acq On : 12 Apr 2024 01:04
 Operator : MD/SY
 Sample : P2055-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COBN1

Quant Time: Apr 12 05:01:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 12 04:41:05 2024
 Response via : Initial Calibration

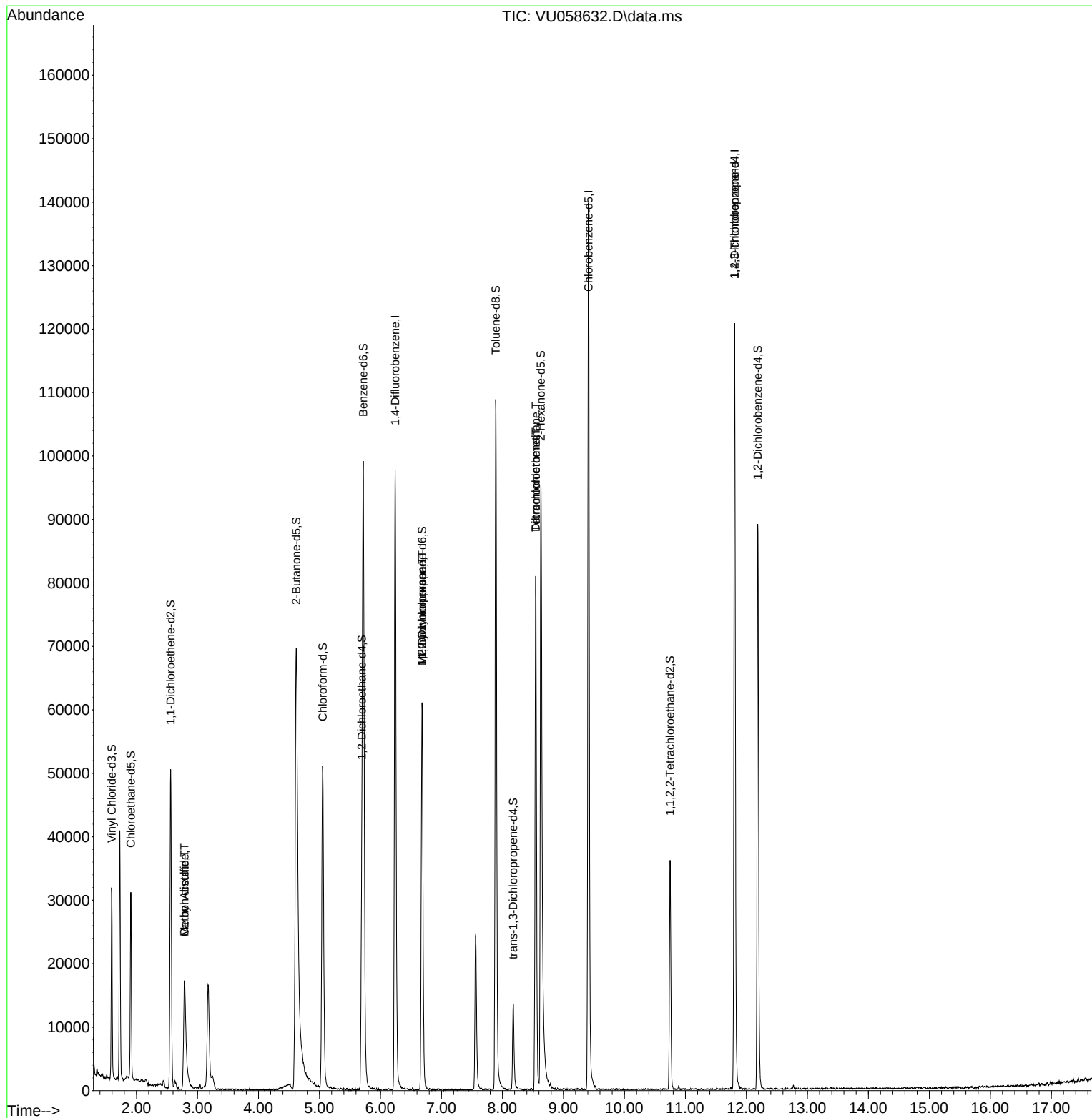
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	75787	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	74018	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	31825	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	20086	4.003	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	80.000%	
7) Chloroethane-d5	1.907	69	19808	4.543	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	90.800%	
11) 1,1-Dichloroethene-d2	2.560	65	9893	4.356	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	87.200%	
20) 2-Butanone-d5	4.621	46	51419	48.628	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	97.260%	
24) Chloroform-d	5.052	84	47040	4.696	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.000%	
26) 1,2-Dichloroethane-d4	5.695	65	22482	4.810	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.200%	
32) Benzene-d6	5.718	84	91116	4.572	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.400%	
36) 1,2-Dichloropropane-d6	6.682	67	28931	4.629	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	92.600%	
41) Toluene-d8	7.891	98	72645	4.111	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.200%	
43) trans-1,3-Dichloroprop...	8.177	79	8268	4.262	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.200%	
46) 2-Hexanone-d5	8.631	63	34175	42.713	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	85.420%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	18420	4.175	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	83.600%	
66) 1,2-Dichlorobenzene-d4	12.187	152	22930	4.278	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	85.600%	
Target Compounds						
					Qvalue	
14) Carbon disulfide	2.785	76	4218	0.247	ug/L	96
15) Methyl Acetate	2.785	43	7023	3.298	ug/L #	55
35) Methylcyclohexane	6.685	83	6259	0.614	ug/L #	16
37) 1,2-Dichloropropane	6.685	63	3250	0.460	ug/L #	90
47) Tetrachloroethene	8.547	164	17308	3.491	ug/L	97
49) Dibromochloromethane	8.547	129	17038	3.574	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	4834	1.489	ug/L #	71

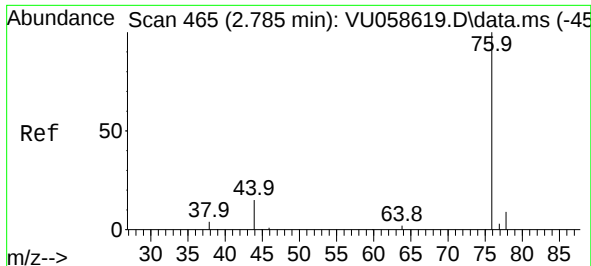
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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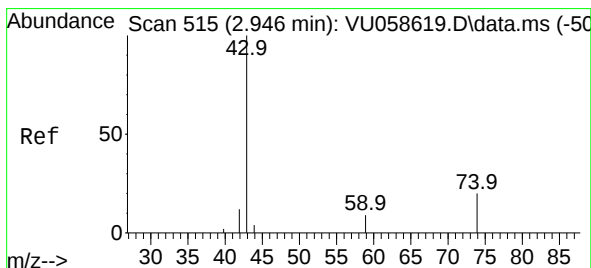
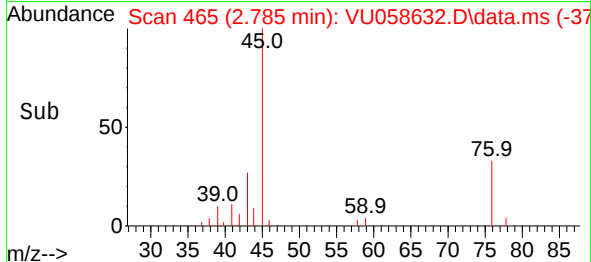
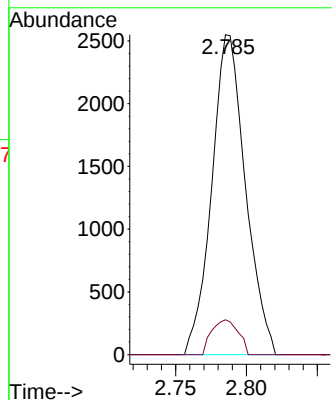
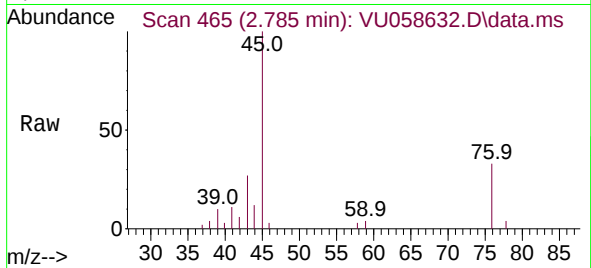




#14
Carbon disulfide
Concen: 0.247 ug/L
RT: 2.785 min Scan# 465
Delta R.T. -0.000 min
Lab File: VU058632.D
Acq: 12 Apr 2024 01:04

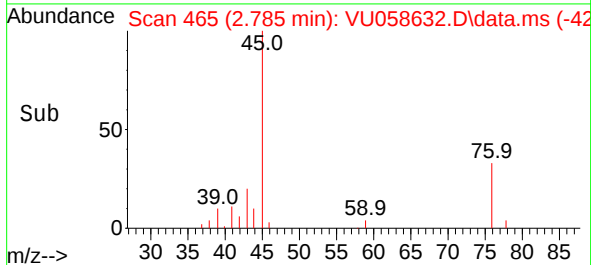
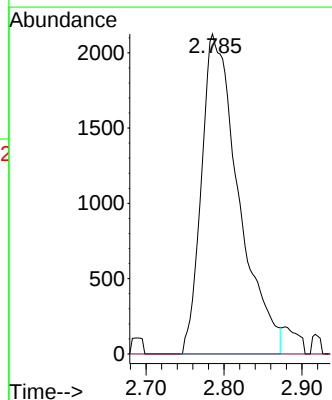
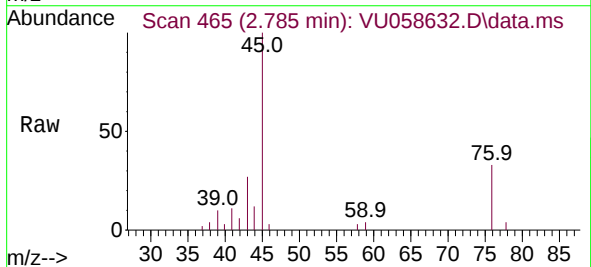
Instrument :
MSVOA_U
ClientSampleId :
COBN1

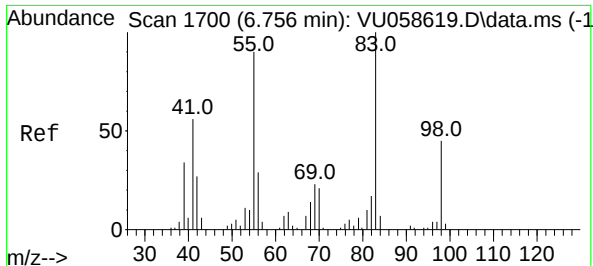
Tgt Ion: 76 Resp: 4218
Ion Ratio Lower Upper
76 100
78 10.9 7.5 11.3



#15
Methyl Acetate
Concen: 3.298 ug/L
RT: 2.785 min Scan# 465
Delta R.T. -0.161 min
Lab File: VU058632.D
Acq: 12 Apr 2024 01:04

Tgt Ion: 43 Resp: 7023
Ion Ratio Lower Upper
43 100
74 0.0 16.6 25.0#





#35

Methylcyclohexane

Concen: 0.614 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU058632.D

Acq: 12 Apr 2024 01:04

Instrument :

MSVOA_U

ClientSampleId :

C0BN1

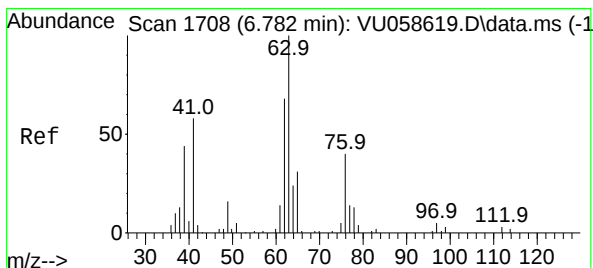
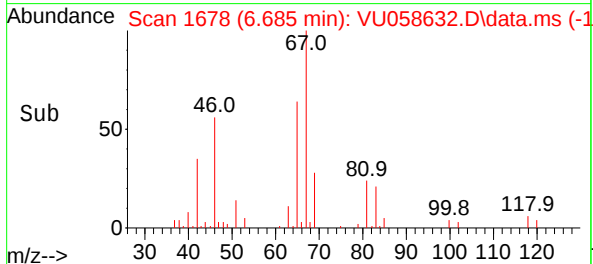
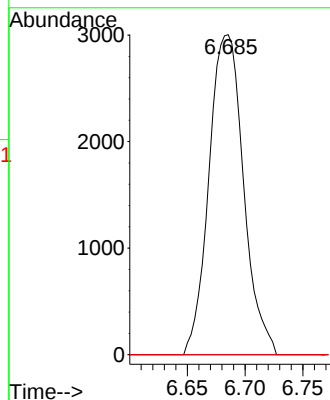
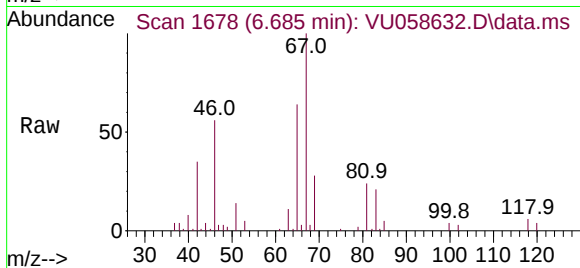
Tgt Ion: 83 Resp: 6259

Ion Ratio Lower Upper

83 100

55 0.0 66.2 99.4#

98 0.0 34.6 52.0#



#37

1,2-Dichloropropane

Concen: 0.460 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.097 min

Lab File: VU058632.D

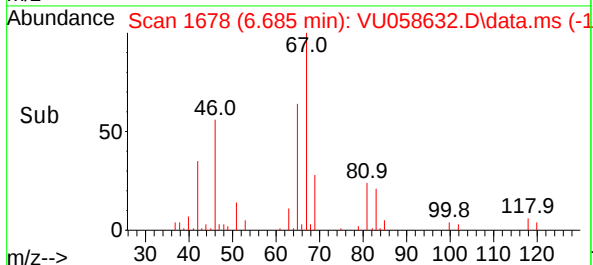
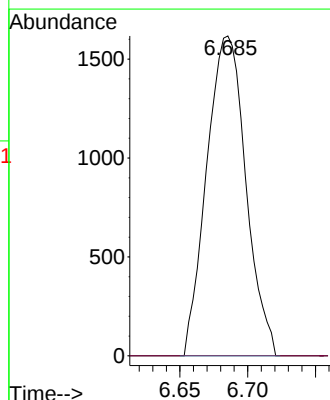
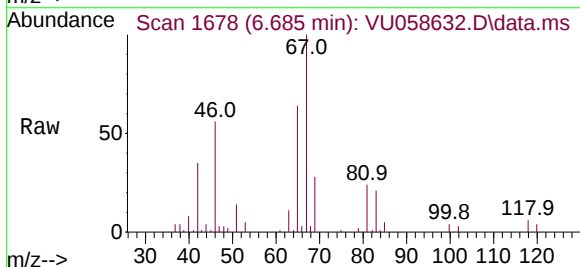
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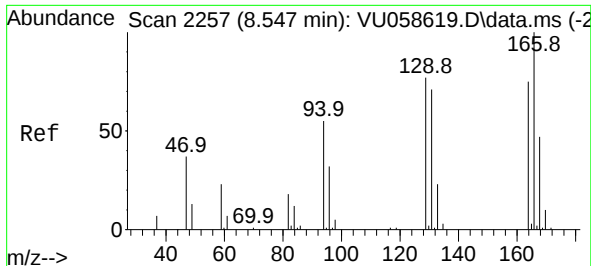
Tgt Ion: 63 Resp: 3250

Ion Ratio Lower Upper

63 100

112 0.0 2.6 4.0#





#47

Tetrachloroethene

Concen: 3.491 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.000 min

Lab File: VU058632.D

Acq: 12 Apr 2024 01:04

Instrument :

MSVOA_U

ClientSampleId :

C0BN1

Tgt Ion:164 Resp: 17308

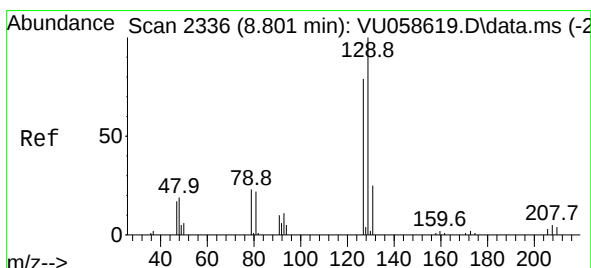
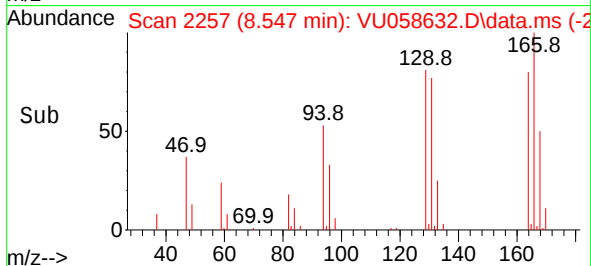
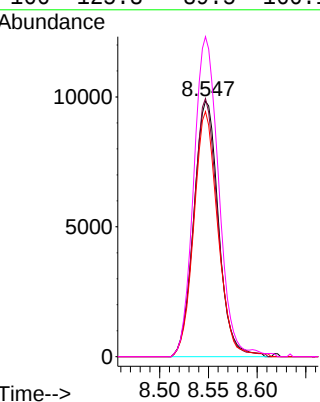
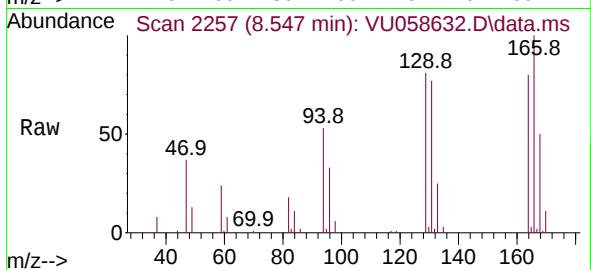
Ion Ratio Lower Upper

164 100

129 101.1 67.3 125.1

131 95.9 65.5 121.6

166 125.3 89.5 166.1



#49

Dibromochloromethane

Concen: 3.574 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.254 min

Lab File: VU058632.D

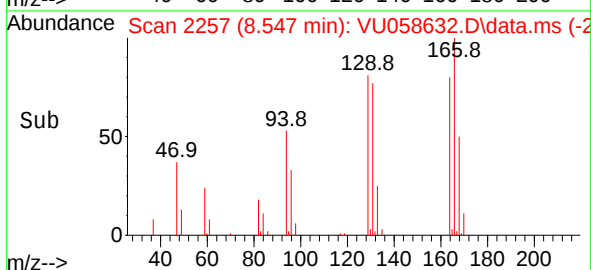
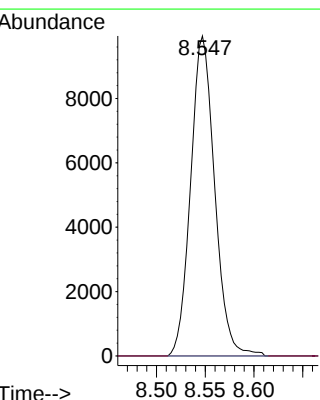
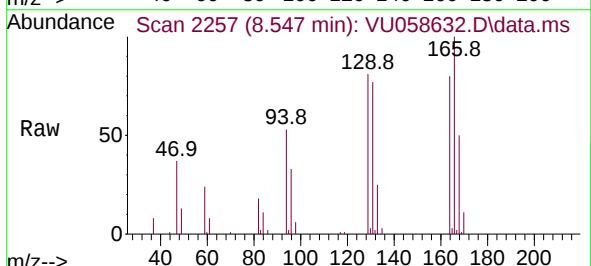
Acq: 12 Apr 2024 01:04

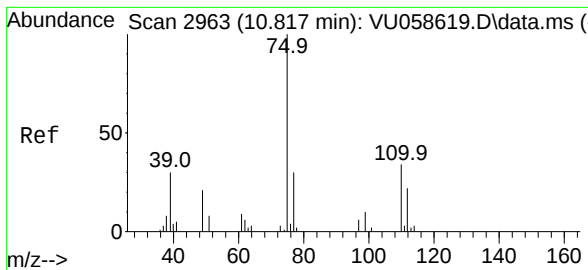
Tgt Ion:129 Resp: 17038

Ion Ratio Lower Upper

129 100

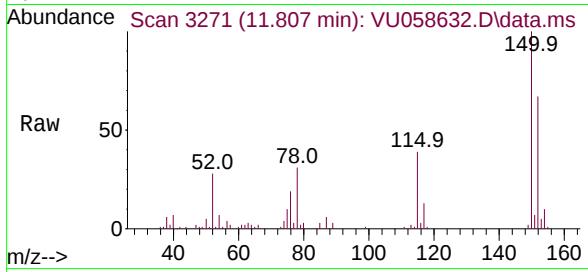
127 0.0 53.5 99.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.489 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU058632.D
 Acq: 12 Apr 2024 01:04

Instrument :
 MSVOA_U
 ClientSampleId :
 COBN1



Tgt Ion: 75 Resp: 4834
 Ion Ratio Lower Upper
 75 100
 110 0.0 25.8 38.6#
 77 31.1 25.1 37.7

