

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122822\
 Data File : VU052583.D
 Acq On : 28 Dec 2022 13:11
 Operator : JC/MD
 Sample : N6170-01DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBQB0DL

Quant Time: Dec 29 00:25:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 29 00:24:48 2022
 Response via : Initial Calibration

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

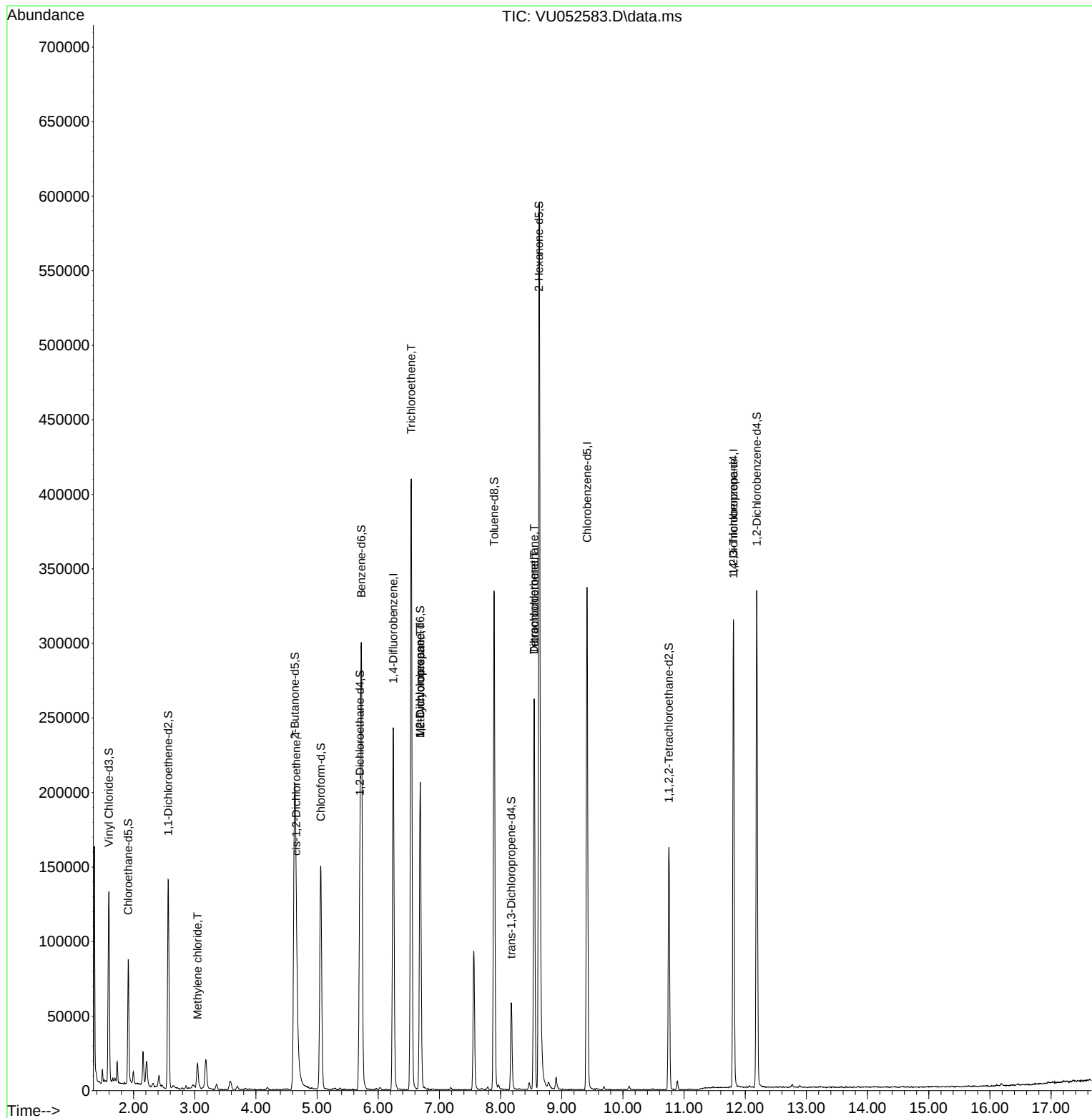
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	184664	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	178400	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	78967	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	58330	3.118	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	62.400%	
7) Chloroethane-d5	1.912	69	61192	3.793	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	75.800%	
11) 1,1-Dichloroethene-d2	2.568	65	27668	3.437	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	68.800%	
20) 2-Butanone-d5	4.636	46	297308	51.246	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	102.500%	
24) Chloroform-d	5.060	84	139501	4.419	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.400%	
26) 1,2-Dichloroethane-d4	5.700	65	82218	4.491	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.800%	
32) Benzene-d6	5.723	84	277153	4.531	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.600%	
36) 1,2-Dichloropropane-d6	6.687	67	101850	4.837	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	96.800%	
41) Toluene-d8	7.893	98	214583	4.179	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	83.600%	
43) trans-1,3-Dichloroprop...	8.176	79	33059	4.585	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.800%	
46) 2-Hexanone-d5	8.629	63	203208	51.517	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	103.040%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	83263	4.658	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	93.200%	
66) 1,2-Dichlorobenzene-d4	12.189	152	81211	5.051	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	101.000%	
Target Compounds						
					Qvalue	
16) Methylene chloride	3.047	84	7974	0.408	ug/L	91
22) cis-1,2-Dichloroethene	4.662	96	7122	0.455	ug/L	76
34) Trichloroethene	6.539	95	140639	9.362	ug/L	99
35) Methylcyclohexane	6.687	83	21963	0.970	ug/L #	14
37) 1,2-Dichloropropane	6.687	63	10407	0.580	ug/L #	88
47) Tetrachloroethene	8.549	164	55163	5.261	ug/L	97
49) Dibromochloromethane	8.549	129	55185	4.104	ug/L #	11
61) 1,2,3-Trichloropropane	11.806	75	11312	0.999	ug/L #	68

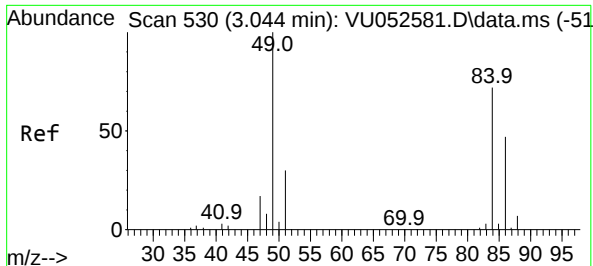
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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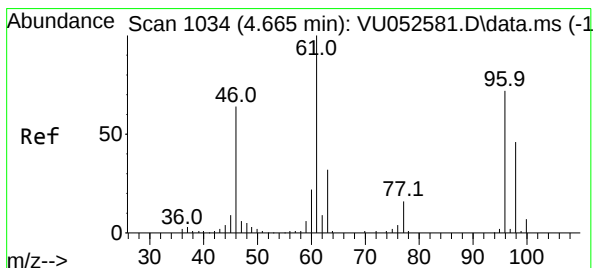
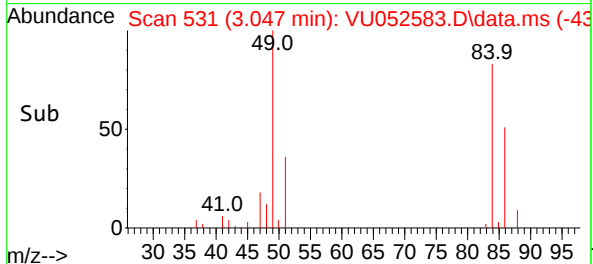
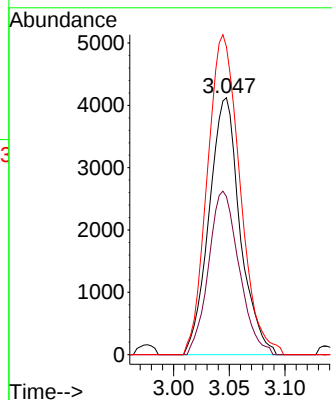
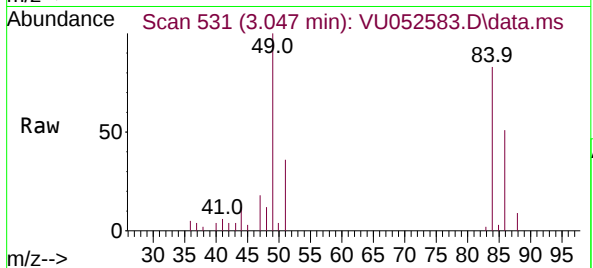




#16
Methylene chloride
Concen: 0.408 ug/L
RT: 3.047 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU052583.D
Acq: 28 Dec 2022 13:11

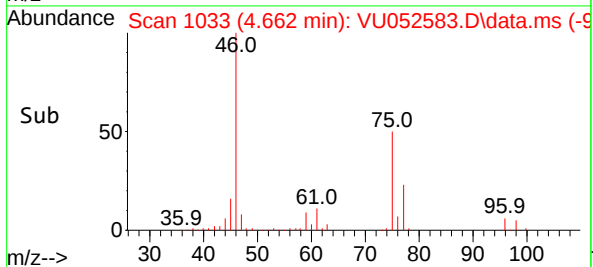
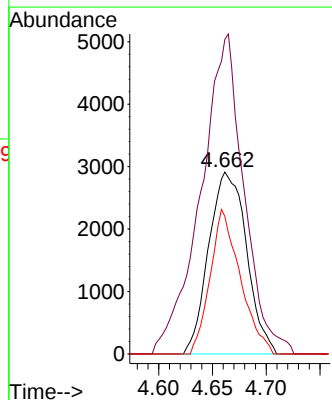
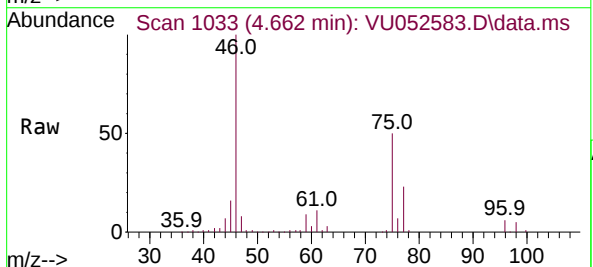
Instrument :
MSVOA_U
ClientSampleId :
GBQB0DL

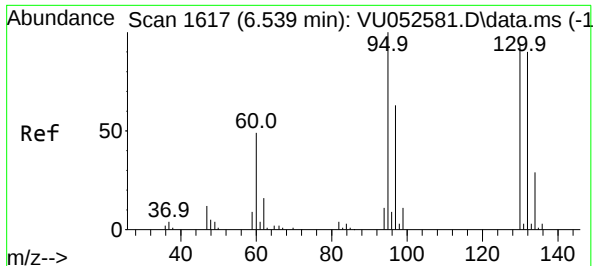
Tgt Ion: 84 Resp: 7974
Ion Ratio Lower Upper
84 100
86 61.5 44.7 83.1
49 119.8 93.3 173.3



#22
cis-1,2-Dichloroethene
Concen: 0.455 ug/L
RT: 4.662 min Scan# 1033
Delta R.T. -0.003 min
Lab File: VU052583.D
Acq: 28 Dec 2022 13:11

Tgt Ion: 96 Resp: 7122
Ion Ratio Lower Upper
96 100
61 172.9 96.9 180.1
98 75.6 44.7 83.1





#34

Trichloroethene

Concen: 9.362 ug/L

RT: 6.539 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU052583.D

Acq: 28 Dec 2022 13:11

Instrument :

MSVOA_U

ClientSampleId :

GBQB0DL

Tgt Ion: 95 Resp: 140639

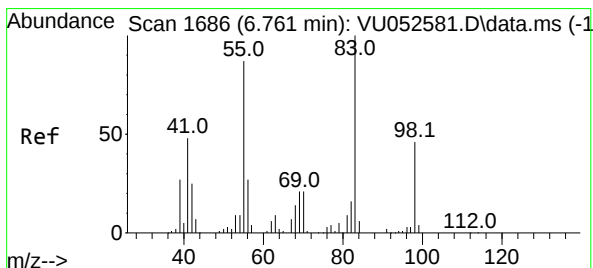
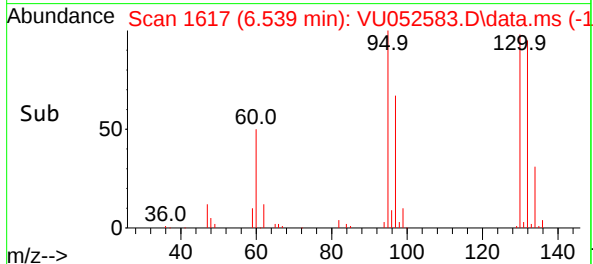
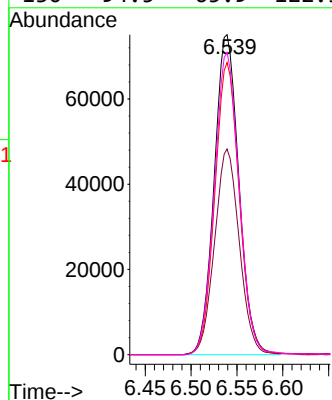
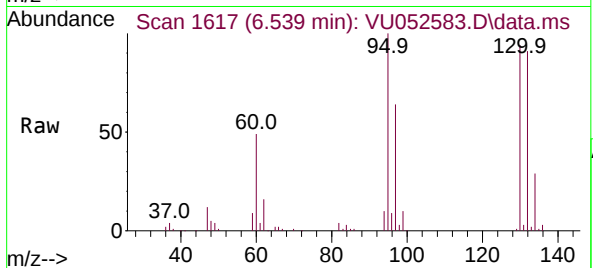
Ion Ratio Lower Upper

95 100

97 64.2 46.3 86.1

132 91.3 63.9 118.7

130 94.5 65.9 122.5



#35

Methylcyclohexane

Concen: 0.970 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.074 min

Lab File: VU052583.D

Acq: 28 Dec 2022 13:11

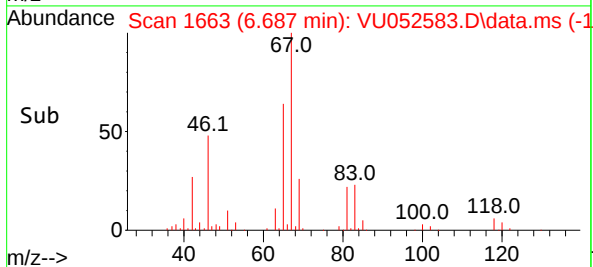
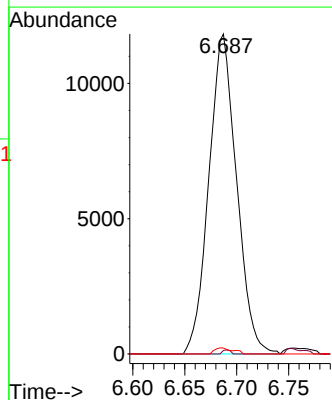
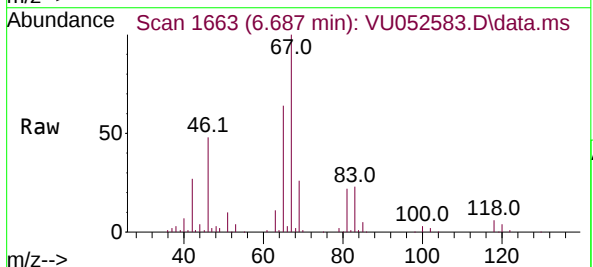
Tgt Ion: 83 Resp: 21963

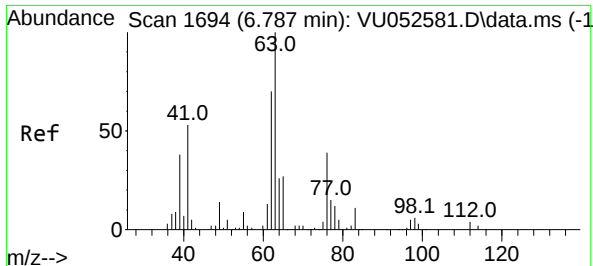
Ion Ratio Lower Upper

83 100

55 0.4 71.4 107.0#

98 1.2 36.5 54.7#

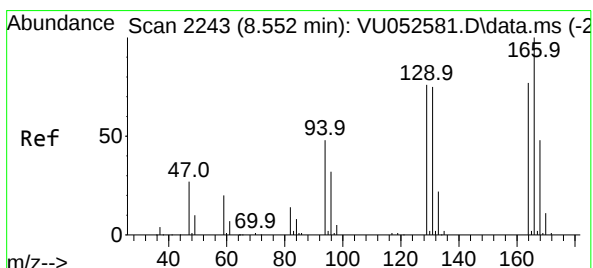
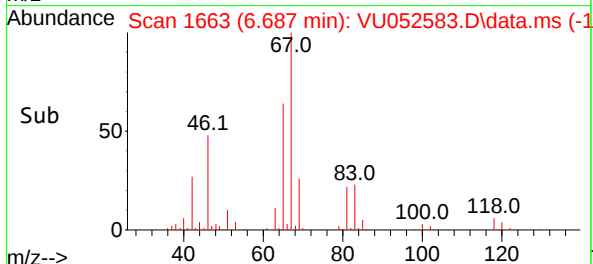
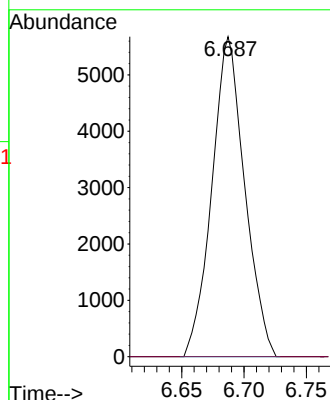
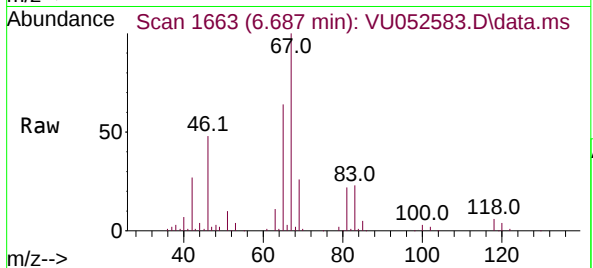




#37
1,2-Dichloropropane
Concen: 0.580 ug/L
RT: 6.687 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU052583.D
Acq: 28 Dec 2022 13:11

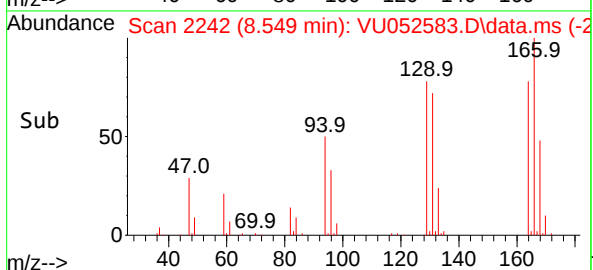
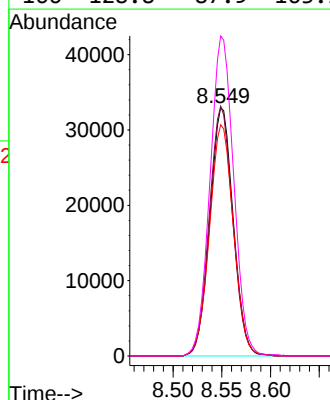
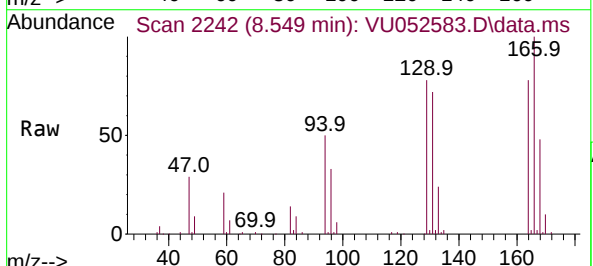
Instrument :
MSVOA_U
ClientSampleId :
GBQB0DL

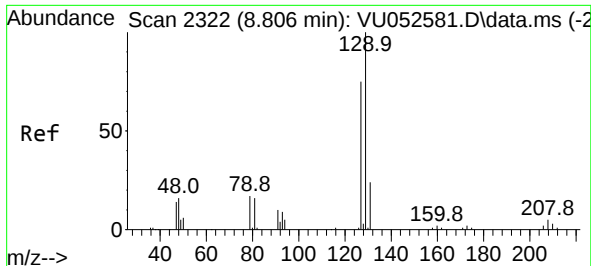
Tgt Ion: 63 Resp: 10407
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#



#47
Tetrachloroethene
Concen: 5.261 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.003 min
Lab File: VU052583.D
Acq: 28 Dec 2022 13:11

Tgt Ion: 164 Resp: 55163
Ion Ratio Lower Upper
164 100
129 100.5 68.1 126.5
131 93.1 66.5 123.5
166 128.8 87.9 163.3





#49

Dibromochloromethane

Concen: 4.104 ug/L

RT: 8.549 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU052583.D

Acq: 28 Dec 2022 13:11

Instrument :

MSVOA_U

ClientSampleId :

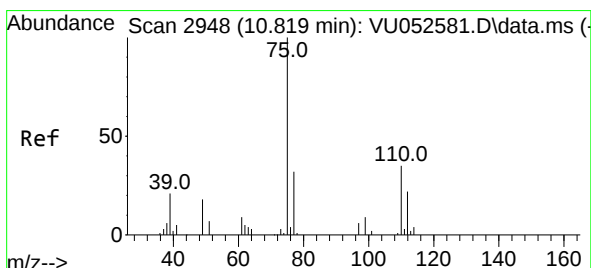
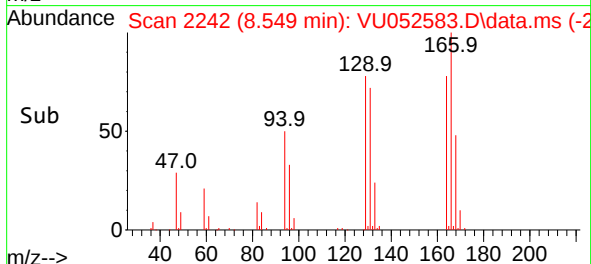
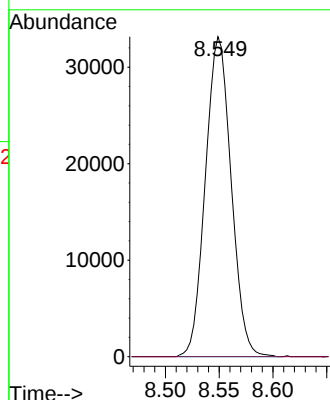
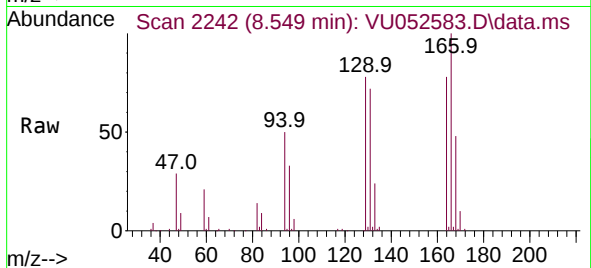
GBQB0DL

Tgt Ion:129 Resp: 55185

Ion Ratio Lower Upper

129 100

127 0.0 54.2 100.6#



#61

1,2,3-Trichloropropane

Concen: 0.999 ug/L

RT: 11.806 min Scan# 3255

Delta R.T. 0.987 min

Lab File: VU052583.D

Acq: 28 Dec 2022 13:11

Tgt Ion: 75 Resp: 11312

Ion Ratio Lower Upper

75 100

110 1.4 27.9 41.9#

77 29.6 25.9 38.9

