

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
 Data File : VU052570.D
 Acq On : 27 Dec 2022 17:25
 Operator : JC/MD
 Sample : N6170-06DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBQB3DL

Quant Time: Dec 28 01:23:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 28 01:18:16 2022
 Response via : Initial Calibration

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

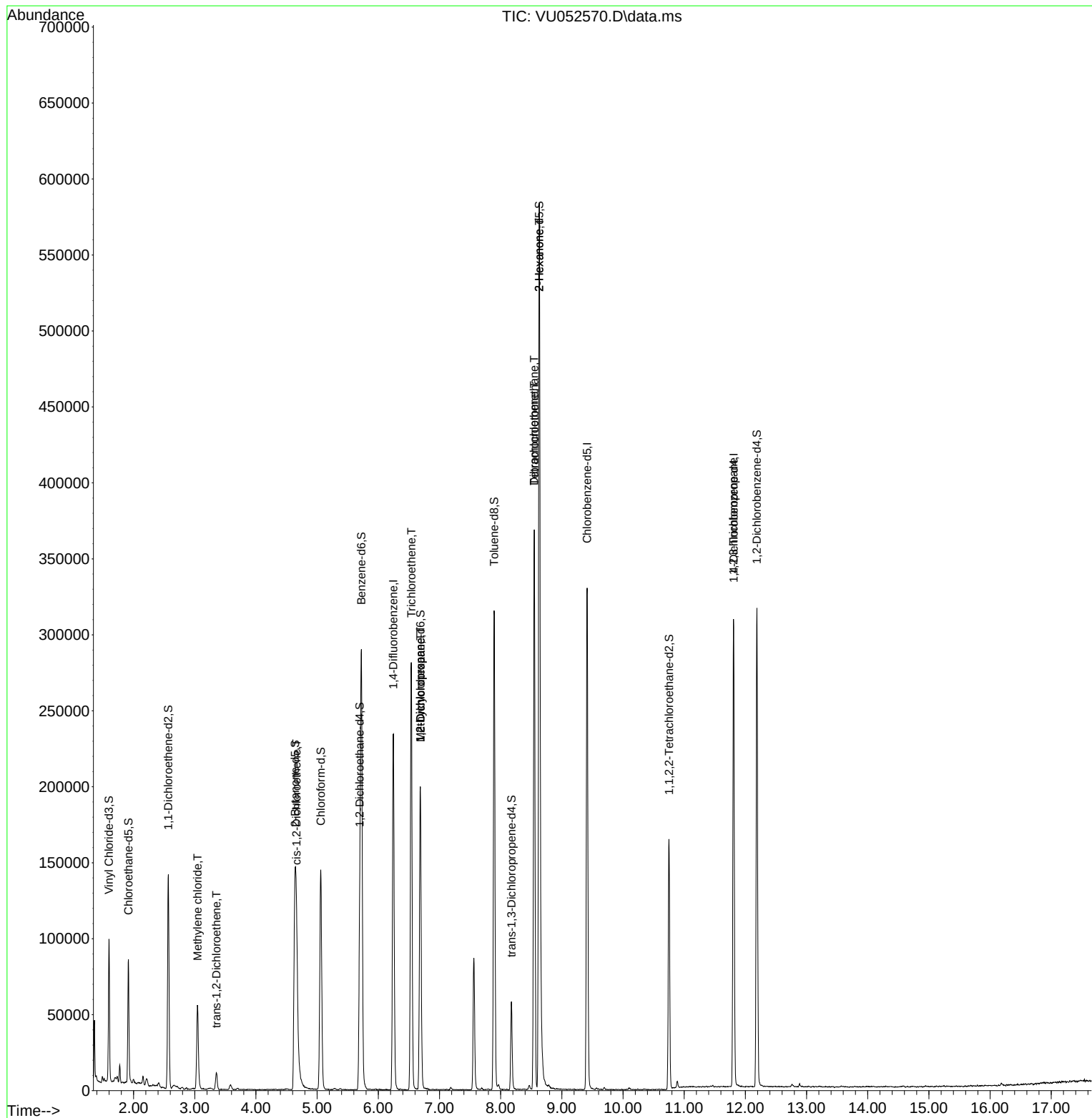
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	177761	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	177506	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	77696	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	57460	3.191	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery =	63.800%		
7) Chloroethane-d5	1.916	69	60880	3.920	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery =	78.400%		
11) 1,1-Dichloroethene-d2	2.568	65	27949	3.607	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery =	72.200%		
20) 2-Butanone-d5	4.639	46	294668	52.764	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery =	105.520%		
24) Chloroform-d	5.060	84	134797	4.436	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery =	88.800%		
26) 1,2-Dichloroethane-d4	5.697	65	81714	4.636	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery =	92.800%		
32) Benzene-d6	5.723	84	264286	4.343	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery =	86.800%		
36) 1,2-Dichloropropane-d6	6.687	67	97088	4.634	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery =	92.600%		
41) Toluene-d8	7.893	98	206972	4.051	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery =	81.000%		
43) trans-1,3-Dichloroprop...	8.176	79	31817	4.435	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery =	88.800%		
46) 2-Hexanone-d5	8.629	63	202189	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	82382	4.632	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery =	92.600%		
66) 1,2-Dichlorobenzene-d4	12.189	152	79138	5.003	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery =	100.000%		
Target Compounds						
						Qvalue
16) Methylene chloride	3.044	84	26254	1.396	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	4048	0.295	ug/L	99
22) cis-1,2-Dichloroethene	4.665	96	19514	1.296	ug/L	99
34) Trichloroethene	6.539	95	97567	6.528	ug/L	99
35) Methylcyclohexane	6.687	83	20502	0.910	ug/L #	15
37) 1,2-Dichloropropane	6.687	63	10265	0.575	ug/L #	88
47) Tetrachloroethene	8.549	164	78446	7.519	ug/L	96
48) 2-Hexanone	8.629	43	25426	2.587	ug/L #	73
49) Dibromochloromethane	8.549	129	77779	5.813	ug/L #	11
61) 1,2,3-Trichloropropane	11.806	75	10550	0.947	ug/L #	68

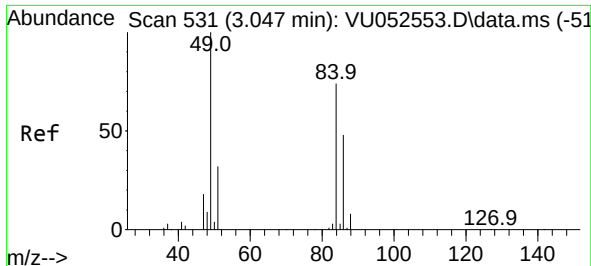
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
Data File : VU052570.D
Acq On : 27 Dec 2022 17:25
Operator : JC/MD
Sample : N6170-06DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQB3DL

Quant Time: Dec 28 01:23:07 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Dec 28 01:18:16 2022
Response via : Initial Calibration

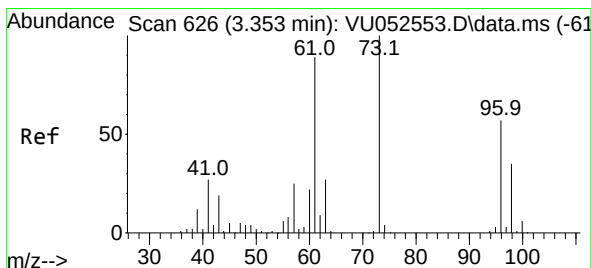
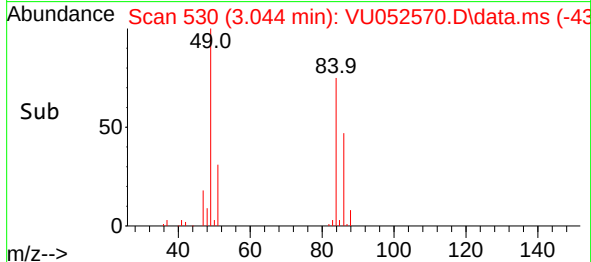
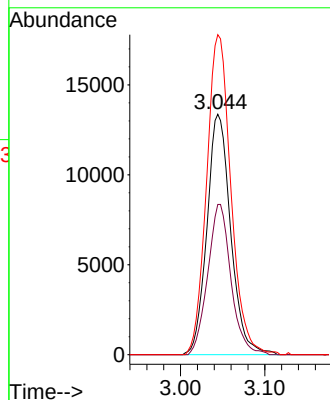
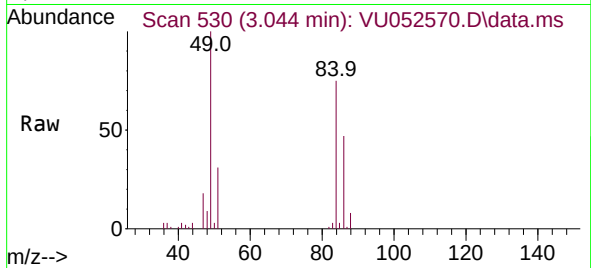




#16
Methylene chloride
Concen: 1.396 ug/L
RT: 3.044 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU052570.D
Acq: 27 Dec 2022 17:25

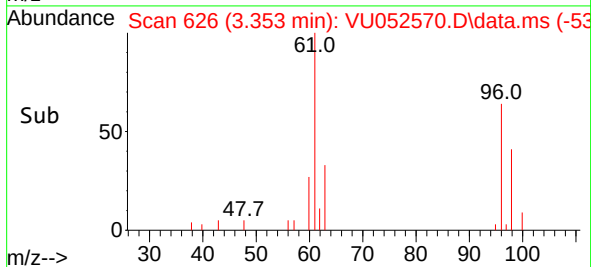
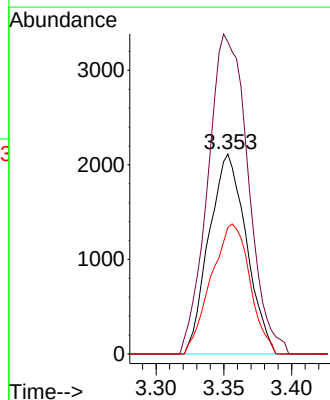
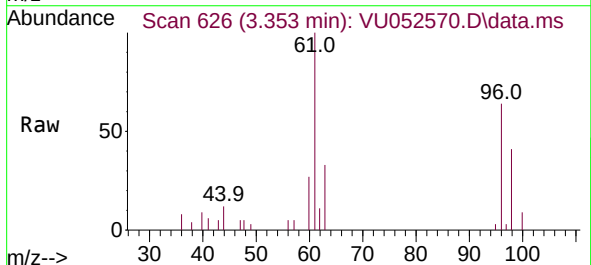
Instrument :
MSVOA_U
ClientSampleId :
GBQB3DL

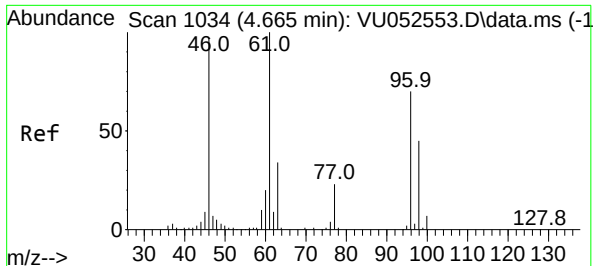
Tgt Ion: 84 Resp: 26254
Ion Ratio Lower Upper
84 100
86 62.4 44.7 83.1
49 133.0 93.3 173.3



#18
trans-1,2-Dichloroethene
Concen: 0.295 ug/L
RT: 3.353 min Scan# 626
Delta R.T. 0.000 min
Lab File: VU052570.D
Acq: 27 Dec 2022 17:25

Tgt Ion: 96 Resp: 4048
Ion Ratio Lower Upper
96 100
61 156.2 108.3 201.1
98 63.4 44.0 81.6





#22

cis-1,2-Dichloroethene

Concen: 1.296 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU052570.D

Acq: 27 Dec 2022 17:25

Instrument :

MSVOA_U

ClientSampleId :

GBQB3DL

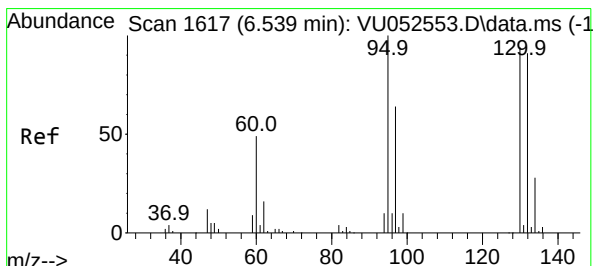
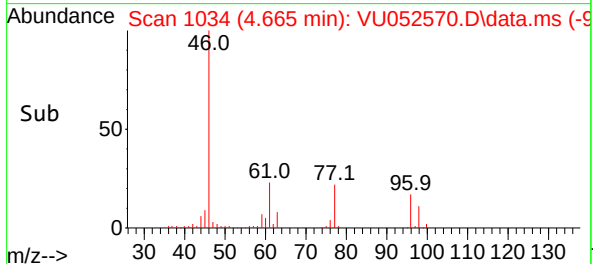
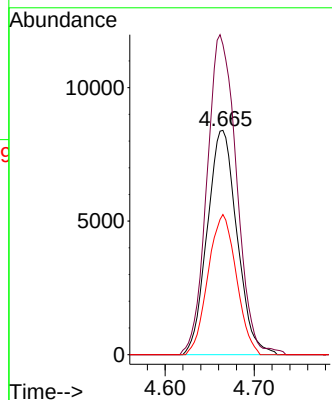
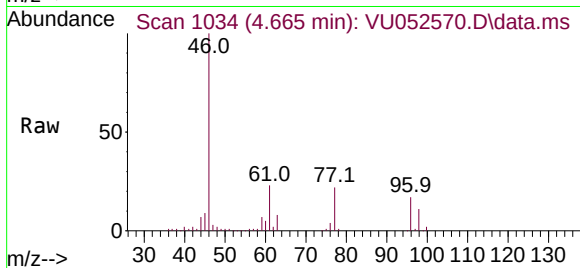
Tgt Ion: 96 Resp: 19514

Ion Ratio Lower Upper

96 100

61 138.2 96.9 180.1

98 62.5 44.7 83.1



#34

Trichloroethene

Concen: 6.528 ug/L

RT: 6.539 min Scan# 1617

Delta R.T. 0.000 min

Lab File: VU052570.D

Acq: 27 Dec 2022 17:25

Tgt Ion: 95 Resp: 97567

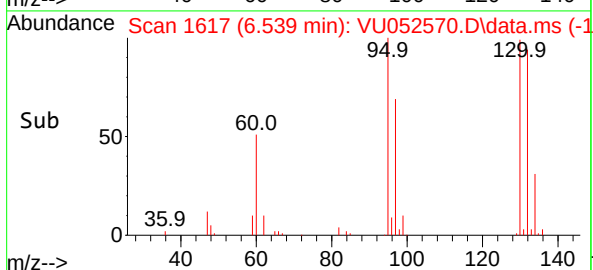
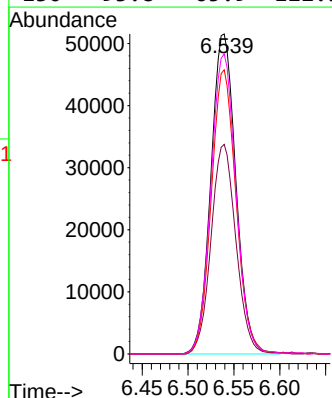
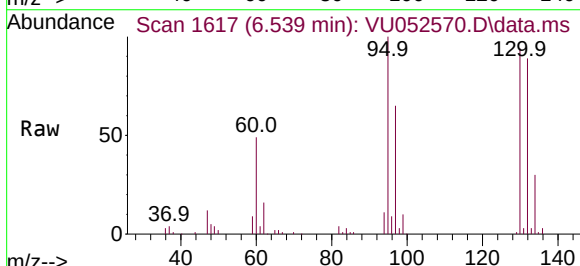
Ion Ratio Lower Upper

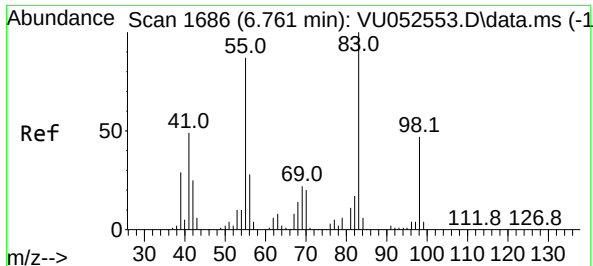
95 100

97 65.5 46.3 86.1

132 88.8 63.9 118.7

130 93.8 65.9 122.5

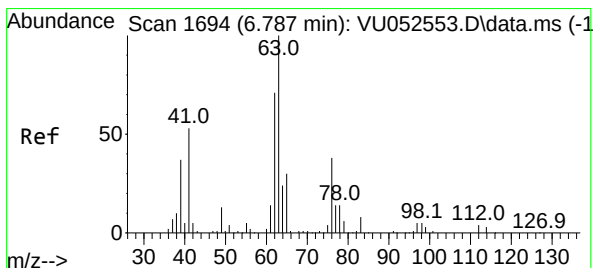
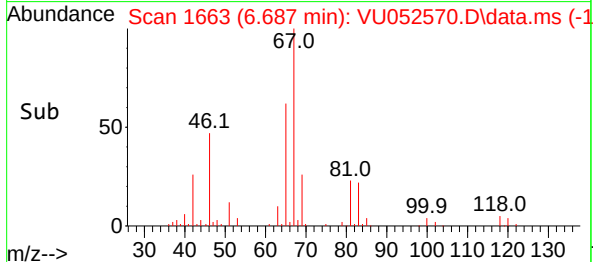
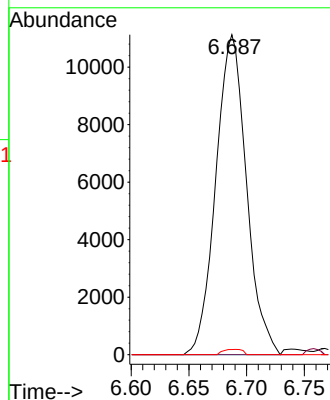
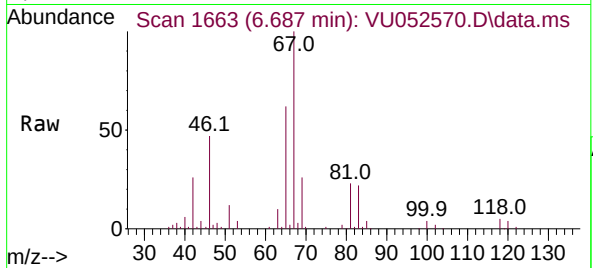




#35
Methylcyclohexane
Concen: 0.910 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU052570.D
Acq: 27 Dec 2022 17:25

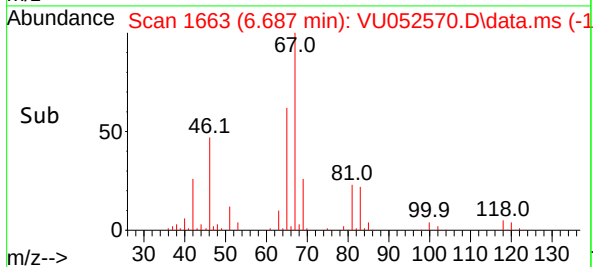
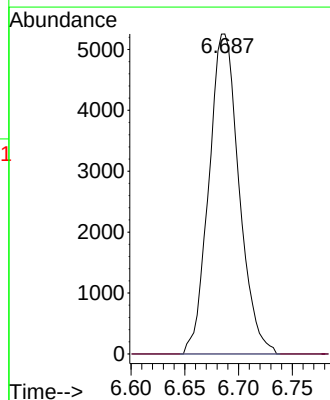
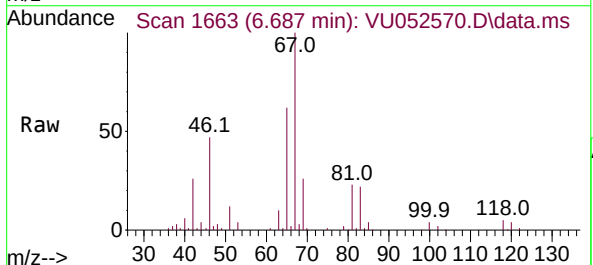
Instrument :
MSVOA_U
ClientSampleId :
GBQB3DL

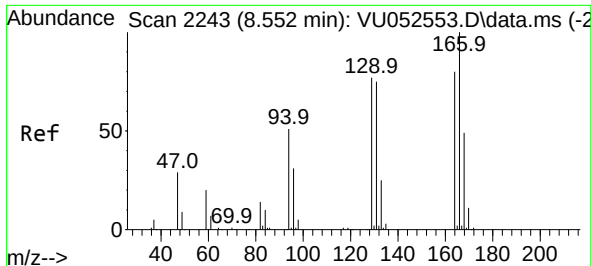
Tgt Ion: 83 Resp: 20502
Ion Ratio Lower Upper
83 100
55 0.8 71.4 107.0#
98 1.0 36.5 54.7#



#37
1,2-Dichloropropane
Concen: 0.575 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.099 min
Lab File: VU052570.D
Acq: 27 Dec 2022 17:25

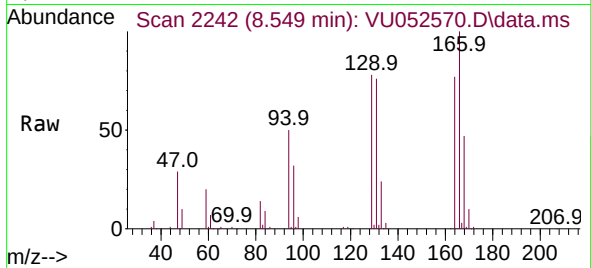
Tgt Ion: 63 Resp: 10265
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#



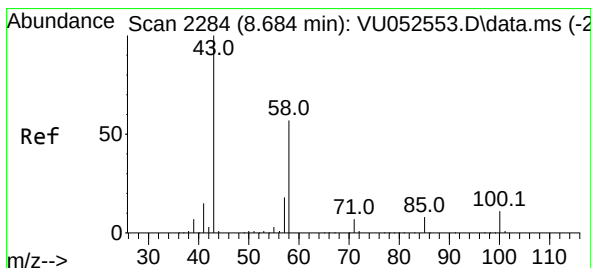
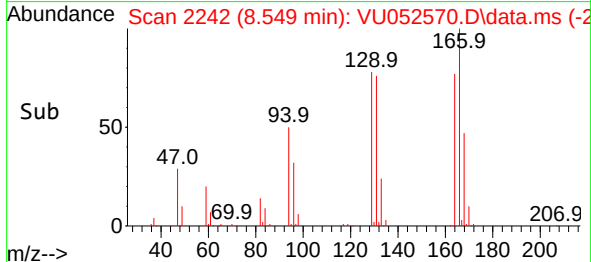
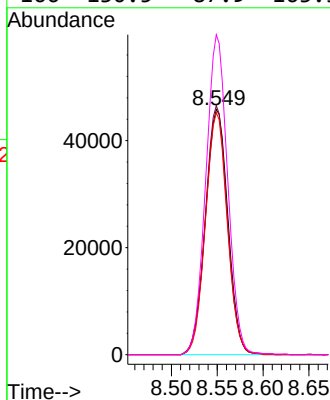


#47
Tetrachloroethene
Concen: 7.519 ug/L
RT: 8.549 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU052570.D
Acq: 27 Dec 2022 17:25

Instrument :
MSVOA_U
ClientSampleId :
GBQB3DL

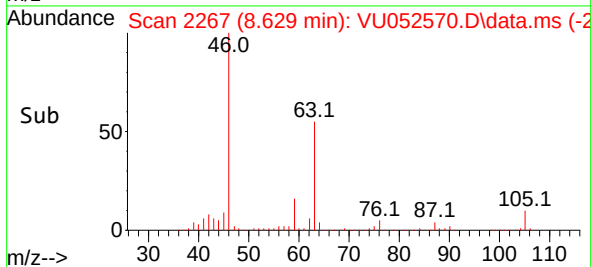
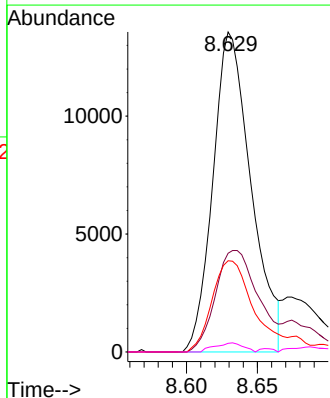
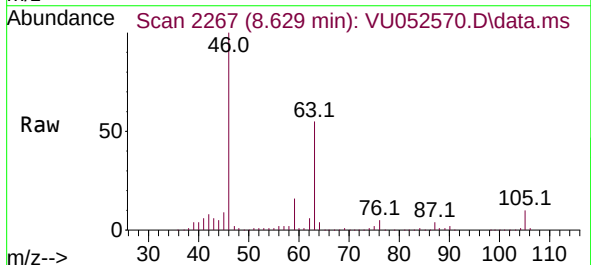


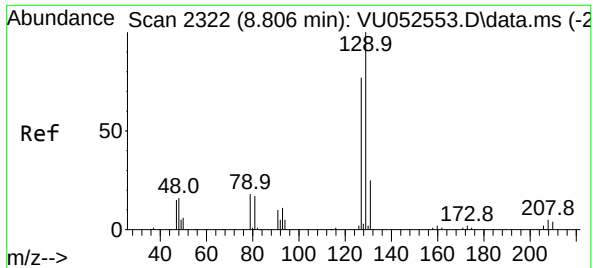
Tgt Ion:164 Resp: 78446
Ion Ratio Lower Upper
164 100
129 101.6 68.1 126.5
131 98.7 66.5 123.5
166 130.5 87.9 163.3



#48
2-Hexanone
Concen: 2.587 ug/L
RT: 8.629 min Scan# 2267
Delta R.T. -0.054 min
Lab File: VU052570.D
Acq: 27 Dec 2022 17:25

Tgt Ion: 43 Resp: 25426
Ion Ratio Lower Upper
43 100
58 35.6 44.1 66.1#
57 31.1 14.6 21.8#
100 2.1 8.5 12.7#





#49

Dibromochloromethane

Concen: 5.813 ug/L

RT: 8.549 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU052570.D

Acq: 27 Dec 2022 17:25

Instrument :

MSVOA_U

ClientSampleId :

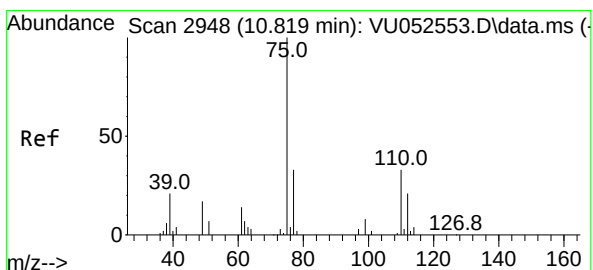
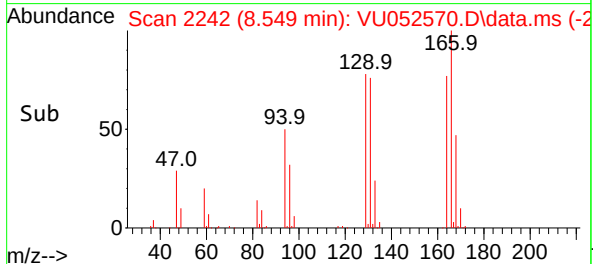
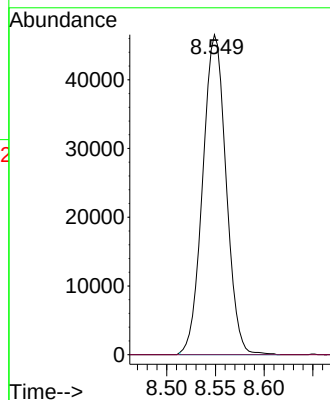
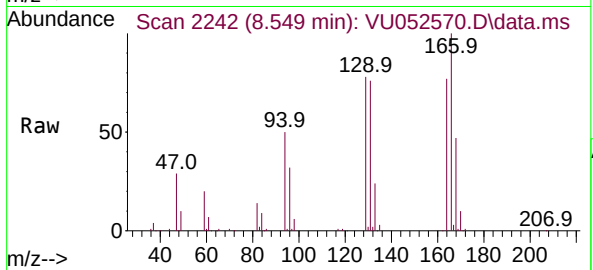
GBQB3DL

Tgt Ion:129 Resp: 77779

Ion Ratio Lower Upper

129 100

127 0.0 54.2 100.6#



#61

1,2,3-Trichloropropane

Concen: 0.947 ug/L

RT: 11.806 min Scan# 3255

Delta R.T. 0.987 min

Lab File: VU052570.D

Acq: 27 Dec 2022 17:25

Tgt Ion: 75 Resp: 10550

Ion Ratio Lower Upper

75 100

110 2.4 27.9 41.9#

77 28.9 25.9 38.9

