

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
 Data File : VU052563.D
 Acq On : 27 Dec 2022 14:41
 Operator : JC/MD
 Sample : N6171-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBQD1

Quant Time: Dec 28 01:21:23 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)

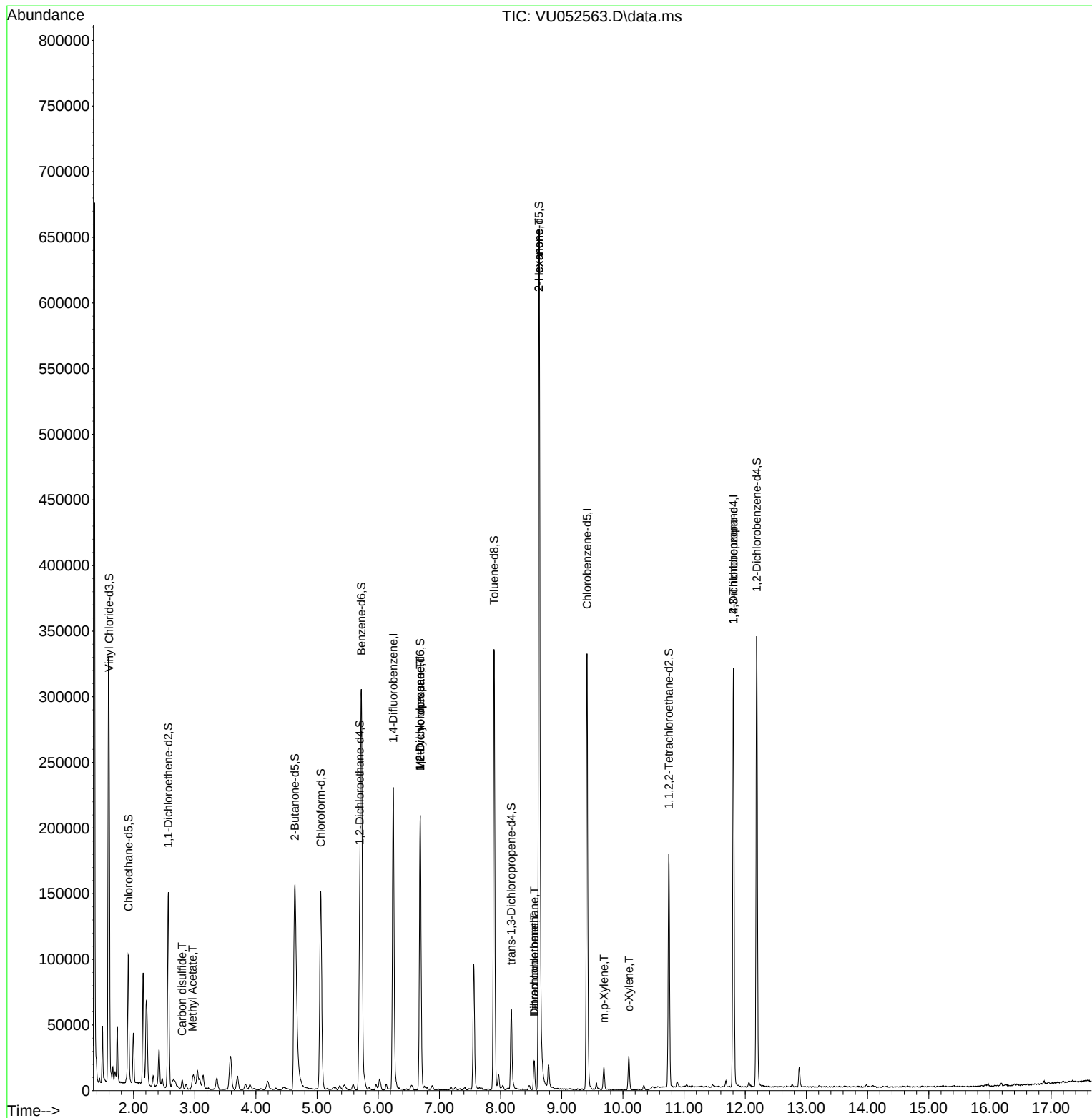
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	176725	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	173586	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	80779	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	62264	3.478	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.600%
7) Chloroethane-d5	1.916	69	64280	4.163	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.200%
11) 1,1-Dichloroethene-d2	2.568	65	29119	3.780	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.600%
20) 2-Butanone-d5	4.636	46	319850	57.609	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.220%
24) Chloroform-d	5.060	84	138782	4.594	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
26) 1,2-Dichloroethane-d4	5.697	65	85578	4.884	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	5.726	84	281402	4.728	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
36) 1,2-Dichloropropane-d6	6.687	67	100972	4.929	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.600%
41) Toluene-d8	7.893	98	221028	4.424	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
43) trans-1,3-Dichloroprop...	8.176	79	34942	4.981	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.600%
46) 2-Hexanone-d5	8.629	63	224346	58.454	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.900%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	89530	5.147	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.000%
66) 1,2-Dichlorobenzene-d4	12.189	152	83394	5.071	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.400%
Target Compounds						Qvalue
14) Carbon disulfide	2.793	76	7390	0.173	ug/L	98
15) Methyl Acetate	2.967	43	3460	0.384	ug/L #	55
35) Methylcyclohexane	6.687	83	22622	1.026	ug/L #	14
37) 1,2-Dichloropropane	6.687	63	10610	0.608	ug/L #	88
47) Tetrachloroethene	8.552	164	4916	0.482	ug/L	95
48) 2-Hexanone	8.629	43	29550	3.075	ug/L #	77
49) Dibromochloromethane	8.552	129	4747	0.363	ug/L #	11
53) m,p-Xylene	9.690	106	4631	0.202	ug/L	95
54) o-Xylene	10.099	106	6374	0.291	ug/L	94
61) 1,2,3-Trichloropropane	11.806	75	10950	0.945	ug/L #	69

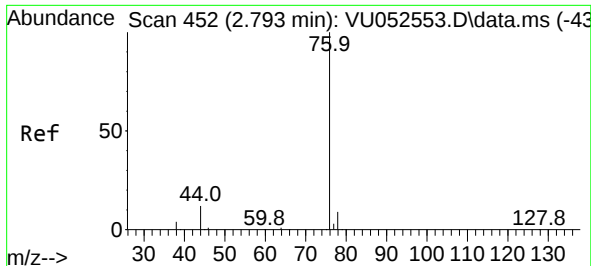
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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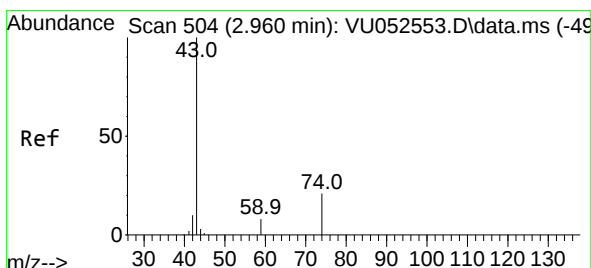
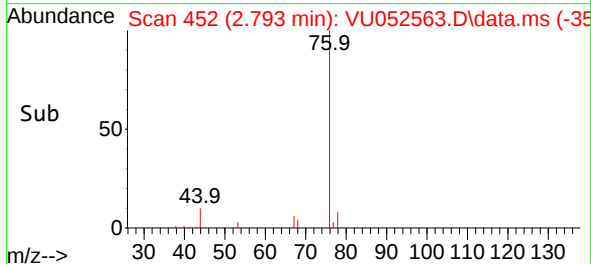
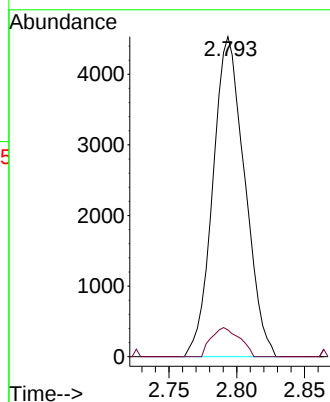
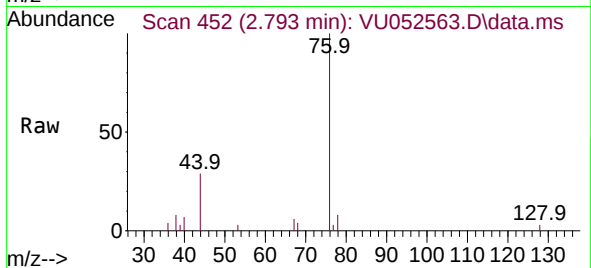




#14
Carbon disulfide
Concen: 0.173 ug/L
RT: 2.793 min Scan# 41
Delta R.T. 0.000 min
Lab File: VU052563.D
Acq: 27 Dec 2022 14:41

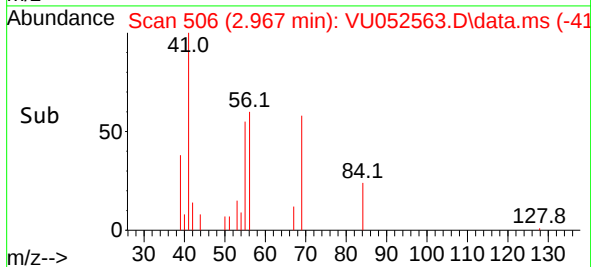
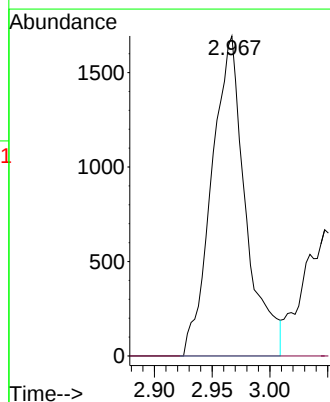
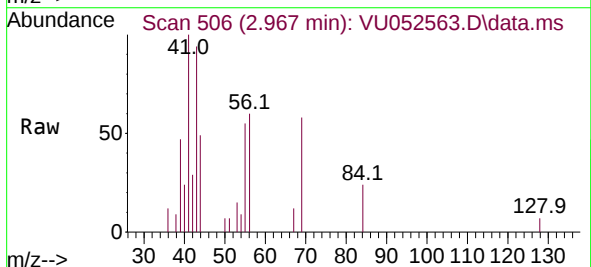
Instrument :
MSVOA_U
ClientSampleId :
GBQD1

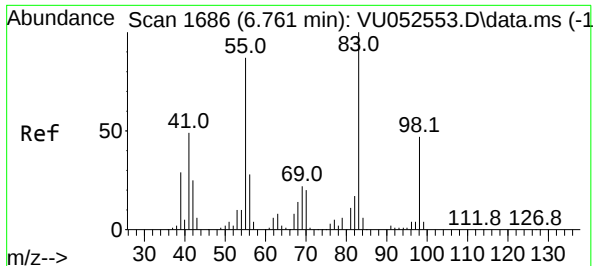
Tgt Ion: 76 Resp: 7390
Ion Ratio Lower Upper
76 100
78 8.3 7.1 10.7



#15
Methyl Acetate
Concen: 0.384 ug/L
RT: 2.967 min Scan# 506
Delta R.T. 0.007 min
Lab File: VU052563.D
Acq: 27 Dec 2022 14:41

Tgt Ion: 43 Resp: 3460
Ion Ratio Lower Upper
43 100
74 0.0 16.9 25.3#

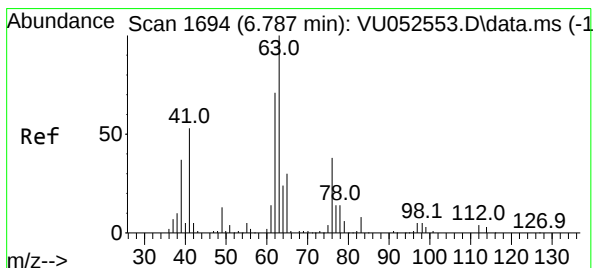
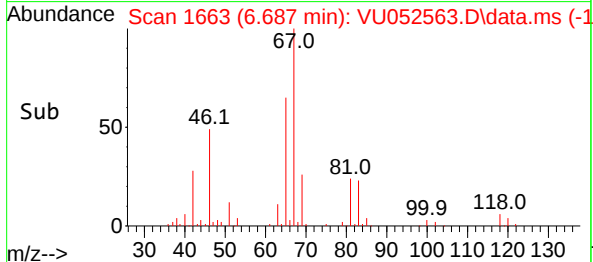
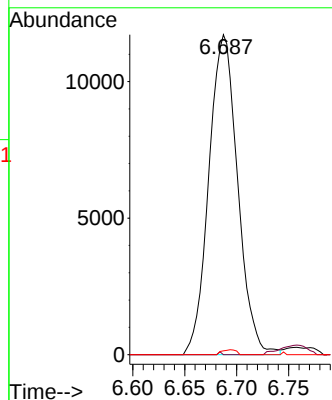
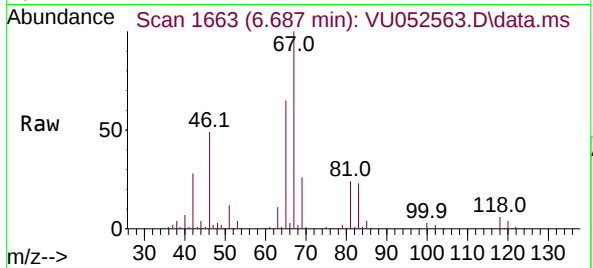




#35
Methylcyclohexane
Concen: 1.026 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU052563.D
Acq: 27 Dec 2022 14:41

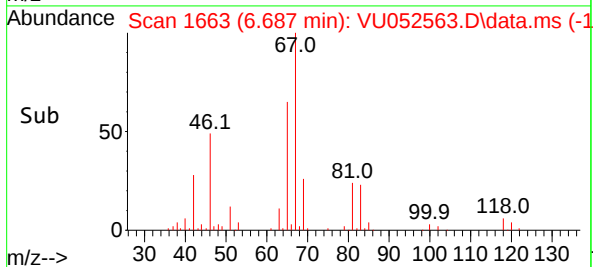
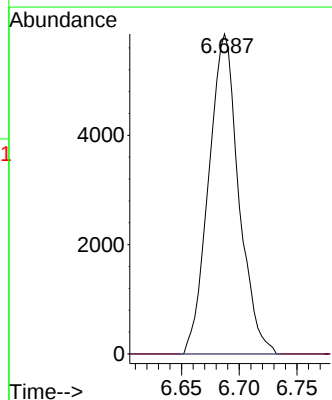
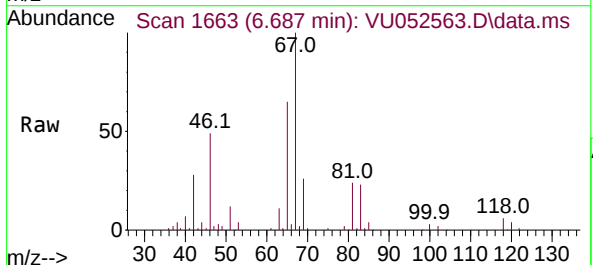
Instrument :
MSVOA_U
ClientSampleId :
GBQD1

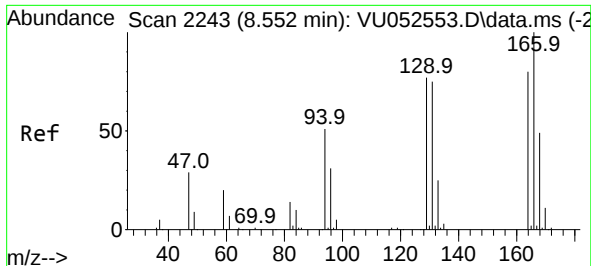
Tgt Ion: 83 Resp: 22622
Ion Ratio Lower Upper
83 100
55 0.0 71.4 107.0#
98 0.8 36.5 54.7#



#37
1,2-Dichloropropane
Concen: 0.608 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.100 min
Lab File: VU052563.D
Acq: 27 Dec 2022 14:41

Tgt Ion: 63 Resp: 10610
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#





#47

Tetrachloroethene

Concen: 0.482 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. 0.000 min

Lab File: VU052563.D

Acq: 27 Dec 2022 14:41

Instrument :

MSVOA_U

ClientSampleId :

GBQD1

Tgt Ion:164 Resp: 4916

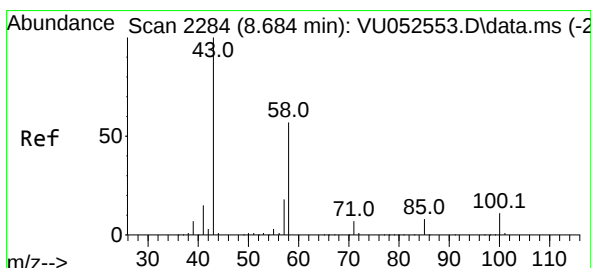
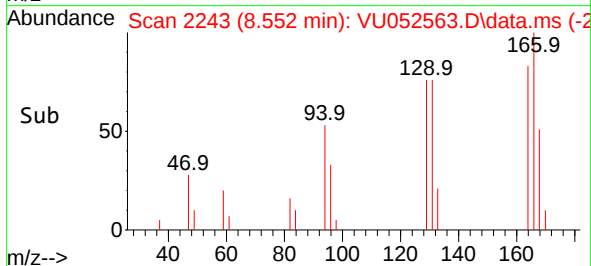
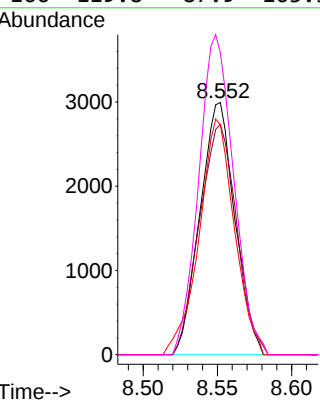
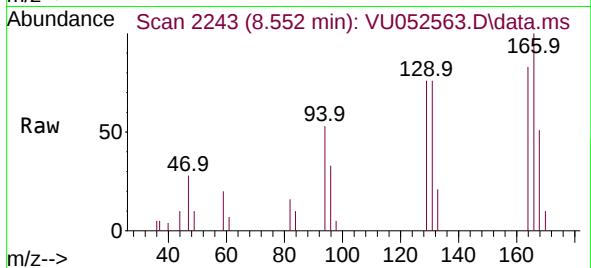
Ion Ratio Lower Upper

164 100

129 91.4 68.1 126.5

131 91.2 66.5 123.5

166 119.8 87.9 163.3



#48

2-Hexanone

Concen: 3.075 ug/L

RT: 8.629 min Scan# 2267

Delta R.T. -0.055 min

Lab File: VU052563.D

Acq: 27 Dec 2022 14:41

Tgt Ion: 43 Resp: 29550

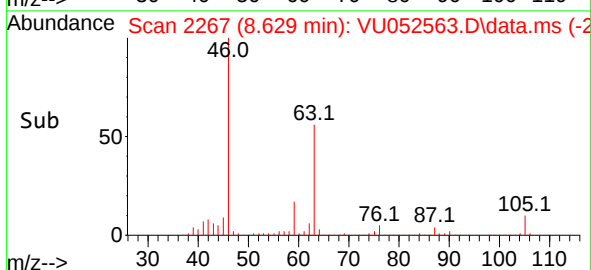
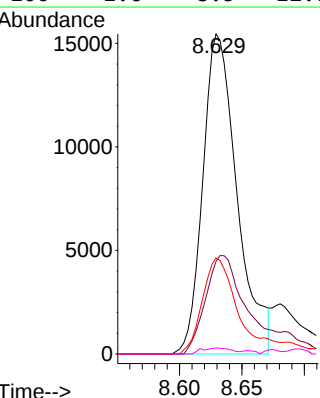
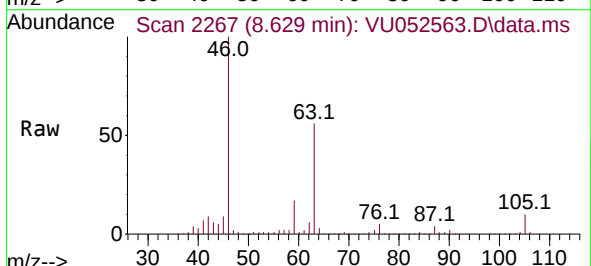
Ion Ratio Lower Upper

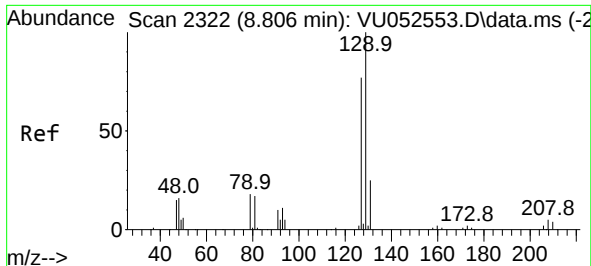
43 100

58 41.1 44.1 66.1#

57 34.0 14.6 21.8#

100 1.6 8.5 12.7#





#49

Dibromochloromethane

Concen: 0.363 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU052563.D

Acq: 27 Dec 2022 14:41

Instrument :

MSVOA_U

ClientSampleId :

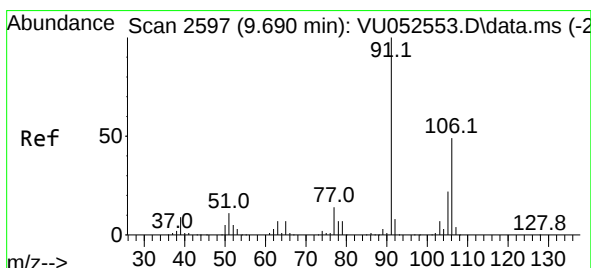
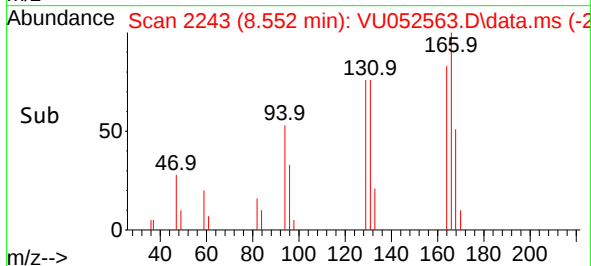
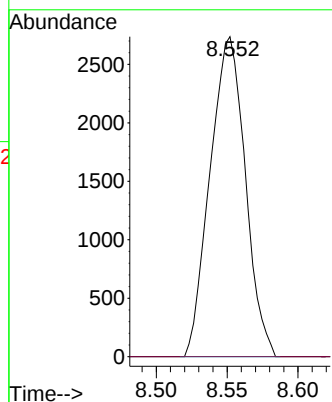
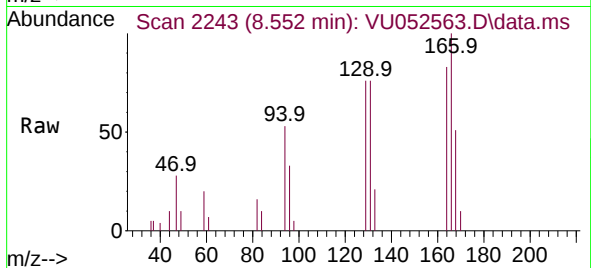
GBQD1

Tgt Ion:129 Resp: 4747

Ion Ratio Lower Upper

129 100

127 0.0 54.2 100.6#



#53

m,p-Xylene

Concen: 0.202 ug/L

RT: 9.690 min Scan# 2597

Delta R.T. 0.000 min

Lab File: VU052563.D

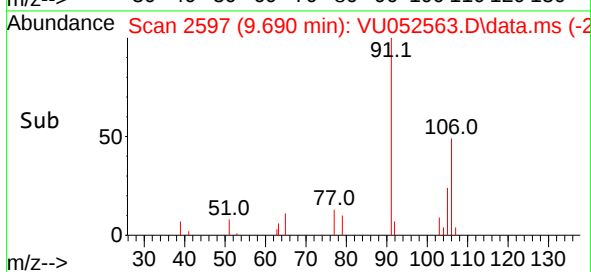
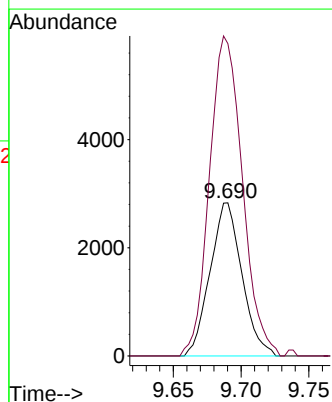
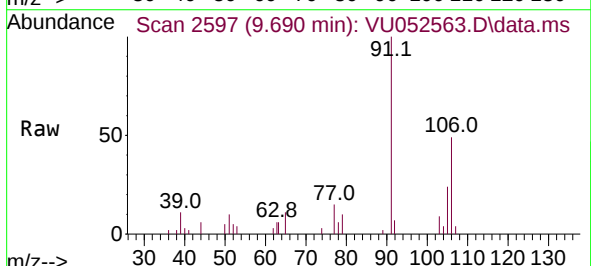
Acq: 27 Dec 2022 14:41

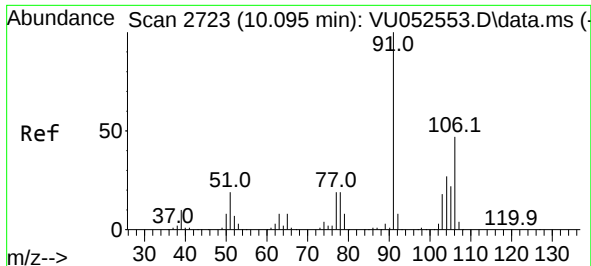
Tgt Ion:106 Resp: 4631

Ion Ratio Lower Upper

106 100

91 203.9 148.2 275.2

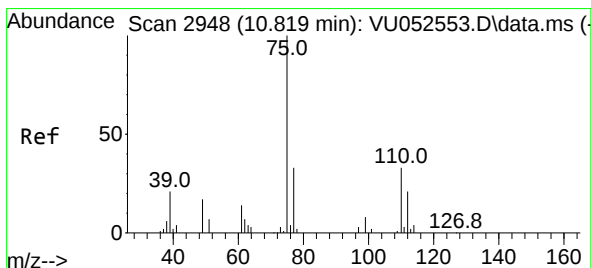
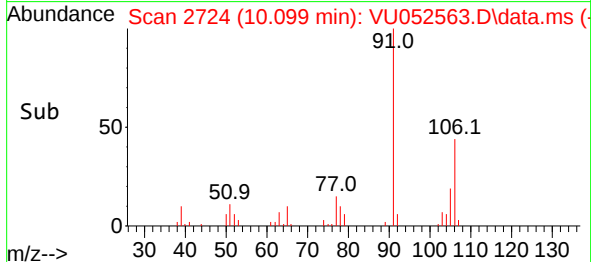
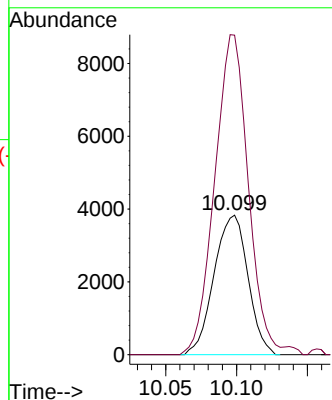
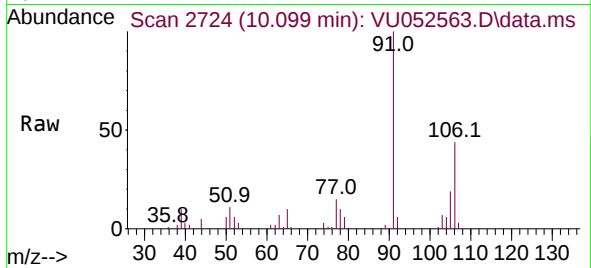




#54
o-Xylene
Concen: 0.291 ug/L
RT: 10.099 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU052563.D
Acq: 27 Dec 2022 14:41

Instrument :
MSVOA_U
ClientSampleId :
GBQD1

Tgt Ion:106 Resp: 6374
Ion Ratio Lower Upper
106 100
91 228.9 153.2 284.4



#61
1,2,3-Trichloropropane
Concen: 0.945 ug/L
RT: 11.806 min Scan# 3255
Delta R.T. 0.987 min
Lab File: VU052563.D
Acq: 27 Dec 2022 14:41

Tgt Ion: 75 Resp: 10950
Ion Ratio Lower Upper
75 100
110 2.0 27.9 41.9#
77 30.7 25.9 38.9

