

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
 Data File : VU052545.D
 Acq On : 23 Dec 2022 18:18
 Operator : JC/MD
 Sample : N6171-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBQD4

Quant Time: Dec 24 03:58:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 24 03:53:16 2022
 Response via : Initial Calibration

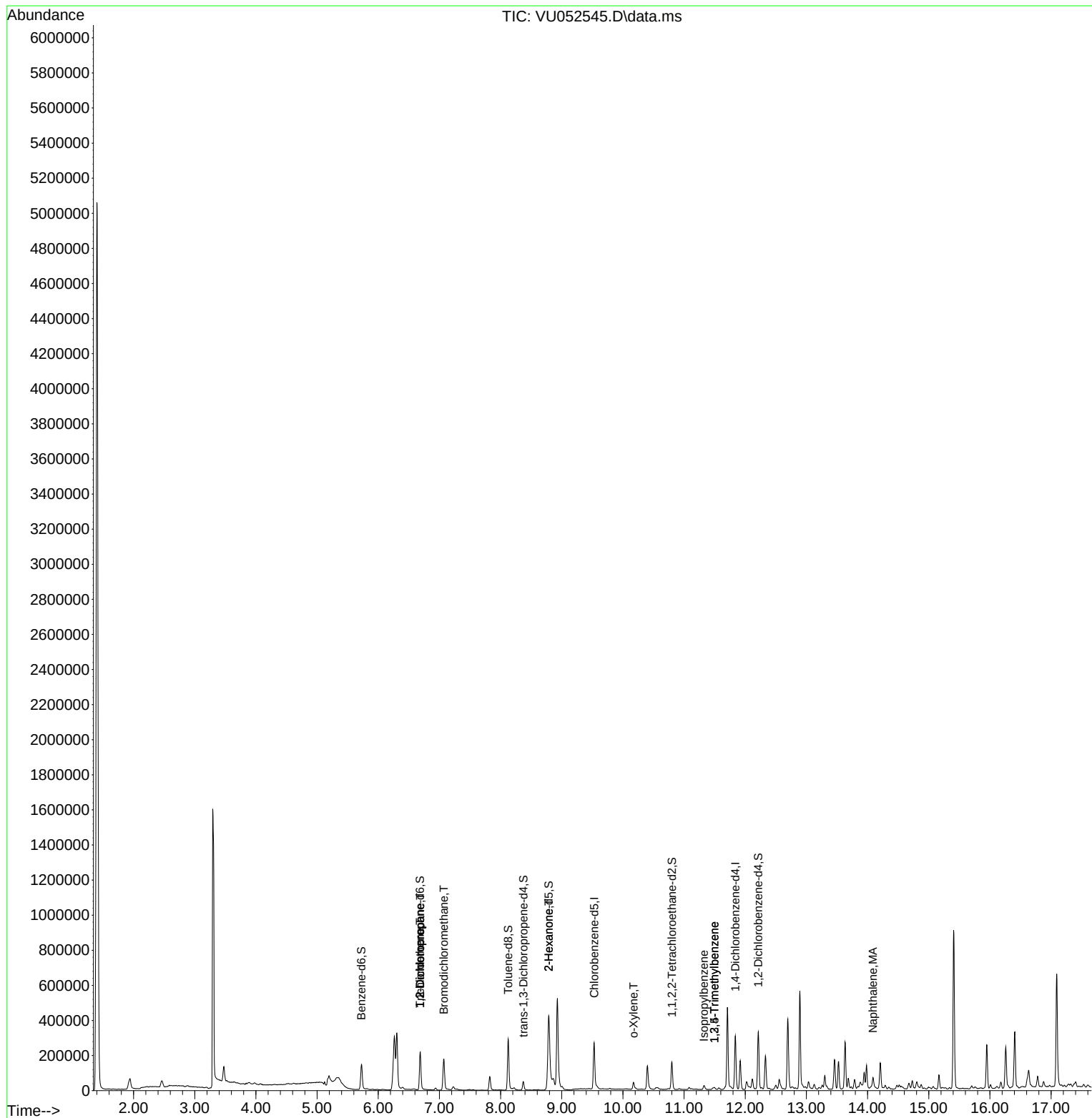
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	0.000	114	0	0.000	ug/L	-6.25
28) Chlorobenzene-d5	9.529	117	154356	5.000	ug/L	0.12
58) 1,4-Dichlorobenzene-d4	11.838	152	79274	5.000	ug/L	0.03
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.758	65	312	0.000	ug/L	0.16
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.000%#
7) Chloroethane-d5	0.000	69	0	0.000	ug/L	
Spiked Amount	5.000	Range	65 - 130	Recovery	=	0.000%#
11) 1,1-Dichloroethene-d2	2.562	65	115	0.000	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	0.000%#
20) 2-Butanone-d5	4.642	46	72	0.000	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	0.000%#
24) Chloroform-d	5.063	84	130	0.000	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	0.000%#
26) 1,2-Dichloroethane-d4	0.000	65	0	0.000	ug/L	
Spiked Amount	5.000	Range	70 - 130	Recovery	=	0.000%#
32) Benzene-d6	5.726	84	117973	2.229	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	44.600%#
36) 1,2-Dichloropropane-d6	6.684	67	95	0.005	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	0.200%#
41) Toluene-d8	8.124	98	190418	4.286	ug/L	0.23
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
43) trans-1,3-Dichloroprop...	8.372	79	30486	4.887	ug/L	0.19
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.800%
46) 2-Hexanone-d5	8.787	63	211944	62.102	ug/L	0.15
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.200%
56) 1,1,2,2-Tetrachloroeth...	10.799	84	85940	5.556	ug/L	0.05
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.200%
66) 1,2-Dichlorobenzene-d4	12.214	152	80285	4.974	ug/L	0.03
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.400%
Target Compounds						
					Qvalue	
34) Trichloroethene	6.684	95	5061	0.389	ug/L #	7
37) 1,2-Dichloropropane	6.687	63	36953	2.382	ug/L #	81
38) Bromodichloromethane	7.070	83	18272	0.968	ug/L #	53
48) 2-Hexanone	8.787	43	26023	3.045	ug/L #	67
54) o-Xylene	10.176	106	11509	0.590	ug/L	99
60) Isopropylbenzene	11.324	105	12401	0.241	ug/L	94
62) 1,3,5-Trimethylbenzene	11.497	105	6298	0.149	ug/L	86
63) 1,2,4-Trimethylbenzene	11.497	105	6298	0.148	ug/L	91
71) Naphthalene	14.089	128	44430	1.390	ug/L #	97

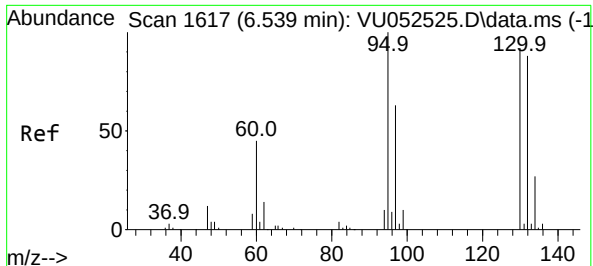
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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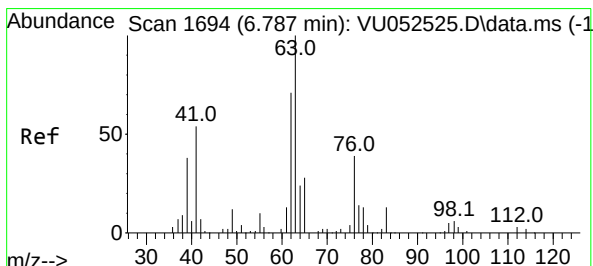
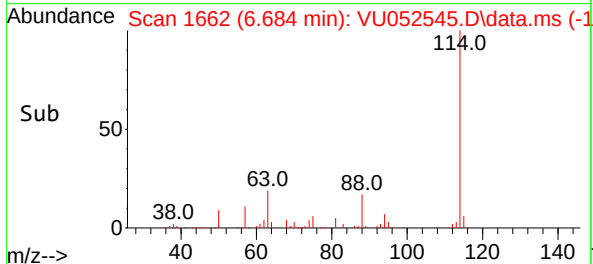
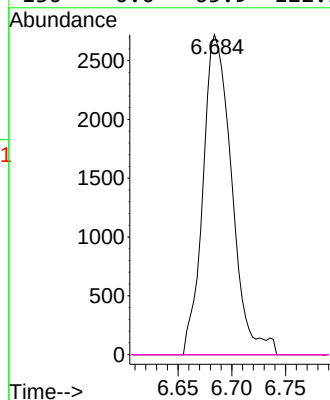
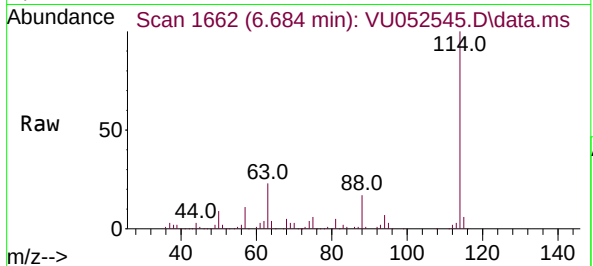




#34
Trichloroethene
Concen: 0.389 ug/L
RT: 6.684 min Scan# 1662
Delta R.T. 0.144 min
Lab File: VU052545.D
Acq: 23 Dec 2022 18:18

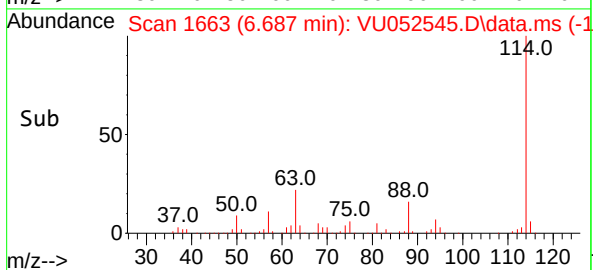
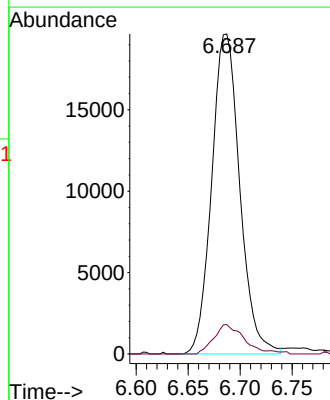
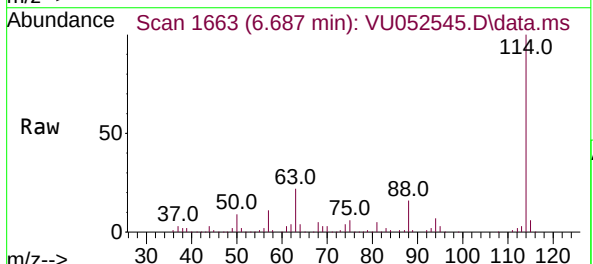
Instrument :
MSVOA_U
ClientSampleId :
GBQD4

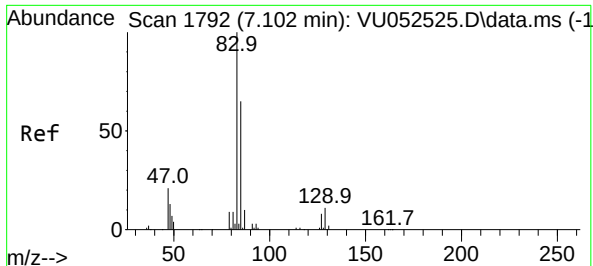
Tgt Ion:	95	Resp:	5061
Ion	Ratio	Lower	Upper
95	100		
97	0.0	46.3	86.1#
132	0.0	63.9	118.7#
130	0.0	65.9	122.5#



#37
1,2-Dichloropropane
Concen: 2.382 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.100 min
Lab File: VU052545.D
Acq: 23 Dec 2022 18:18

Tgt Ion:	63	Resp:	36953
Ion	Ratio	Lower	Upper
63	100		
112	10.1	3.0	4.6#

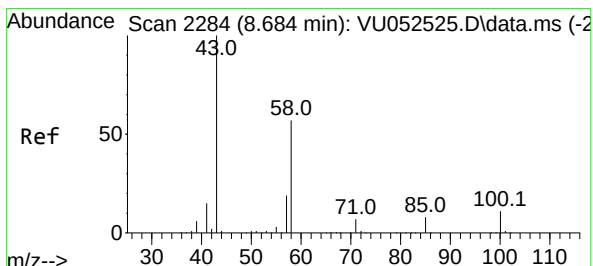
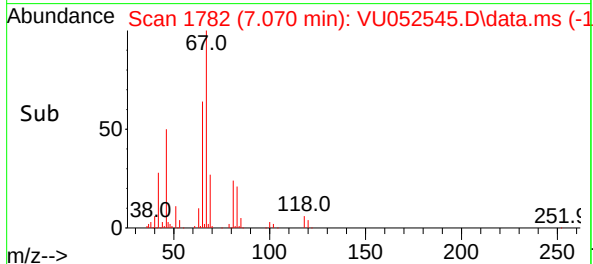
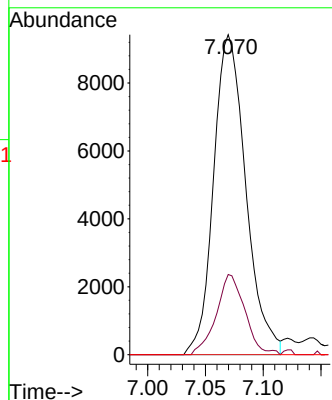
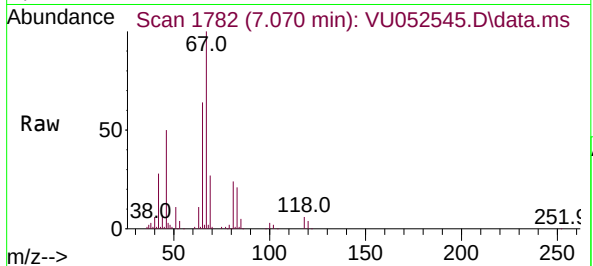




#38
Bromodichloromethane
Concen: 0.968 ug/L
RT: 7.070 min Scan# 1
Delta R.T. -0.032 min
Lab File: VU052545.D
Acq: 23 Dec 2022 18:18

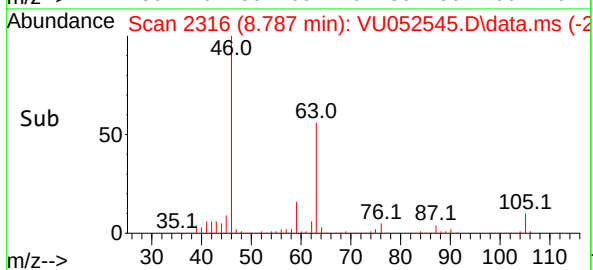
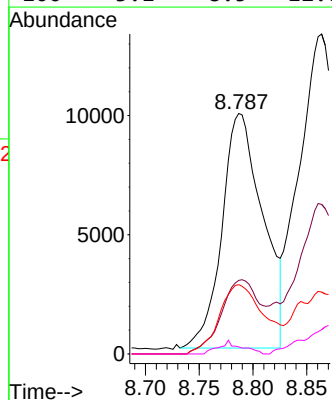
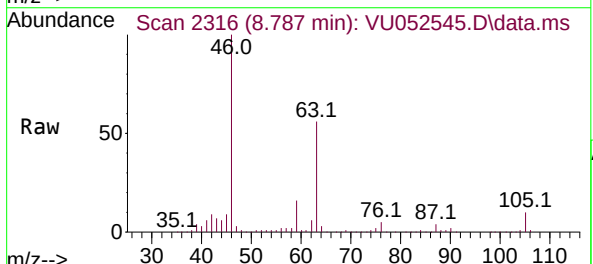
Instrument :
MSVOA_U
ClientSampleId :
GBQD4

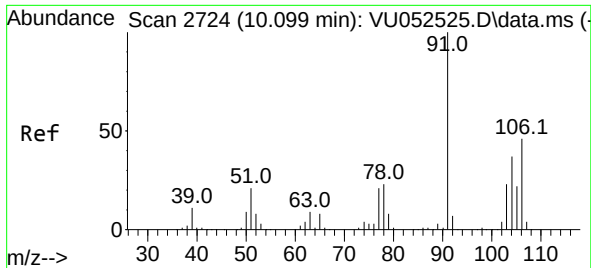
Tgt Ion: 83 Resp: 18272
Ion Ratio Lower Upper
83 100
85 25.1 45.2 84.0#
127 0.0 5.8 8.6#



#48
2-Hexanone
Concen: 3.045 ug/L
RT: 8.787 min Scan# 2316
Delta R.T. 0.103 min
Lab File: VU052545.D
Acq: 23 Dec 2022 18:18

Tgt Ion: 43 Resp: 26023
Ion Ratio Lower Upper
43 100
58 29.9 44.1 66.1#
57 32.8 14.6 21.8#
100 3.1 8.5 12.7#

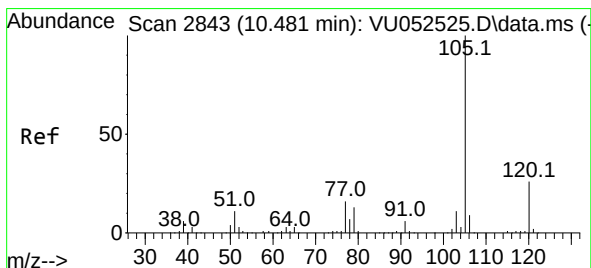
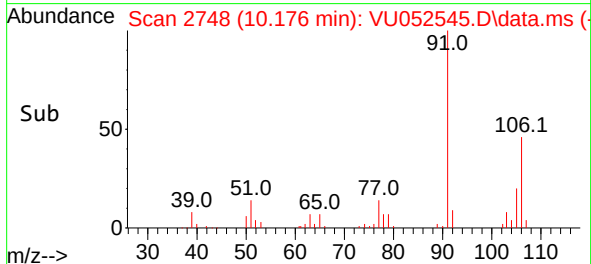
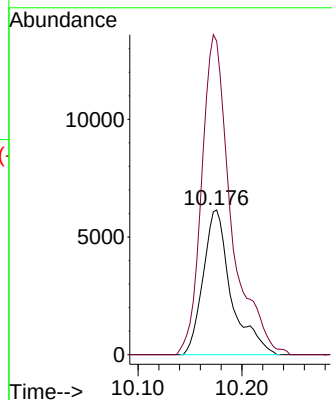
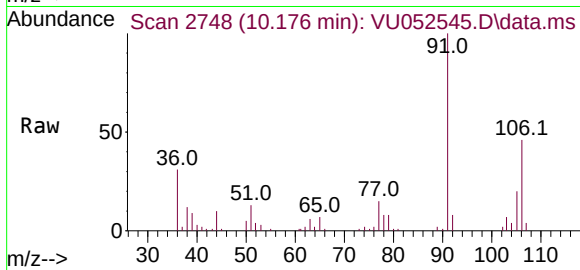




#54
o-Xylene
Concen: 0.590 ug/L
RT: 10.176 min Scan# 21
Delta R.T. 0.077 min
Lab File: VU052545.D
Acq: 23 Dec 2022 18:18

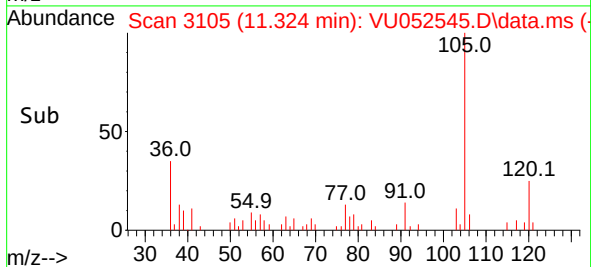
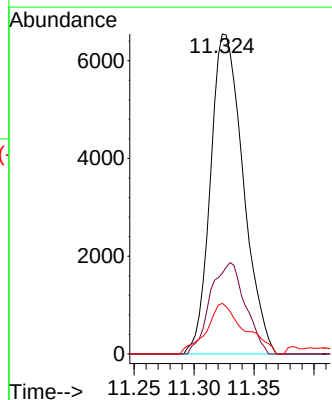
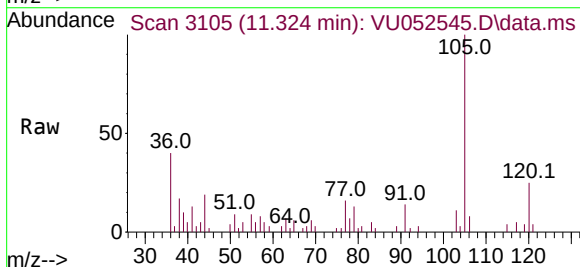
Instrument :
MSVOA_U
ClientSampleId :
GBQD4

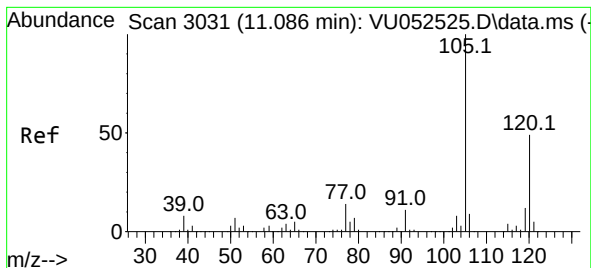
Tgt Ion:106 Resp: 11509
Ion Ratio Lower Upper
106 100
91 216.9 153.2 284.4



#60
Isopropylbenzene
Concen: 0.241 ug/L
RT: 11.324 min Scan# 3105
Delta R.T. 0.842 min
Lab File: VU052545.D
Acq: 23 Dec 2022 18:18

Tgt Ion:105 Resp: 12401
Ion Ratio Lower Upper
105 100
120 30.4 20.6 31.0
77 18.3 13.8 20.8





#62

1,3,5-Trimethylbenzene

Concen: 0.149 ug/L

RT: 11.497 min Scan# 3159

Delta R.T. 0.411 min

Lab File: VU052545.D

Acq: 23 Dec 2022 18:18

Instrument :

MSVOA_U

ClientSampleId :

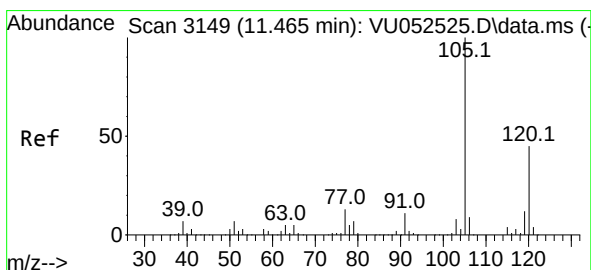
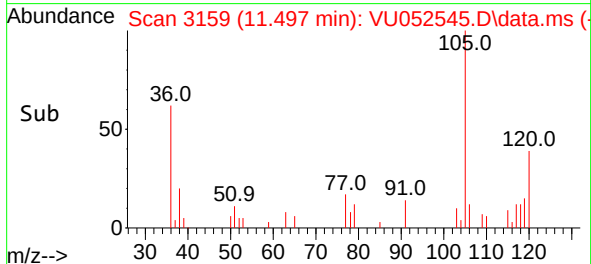
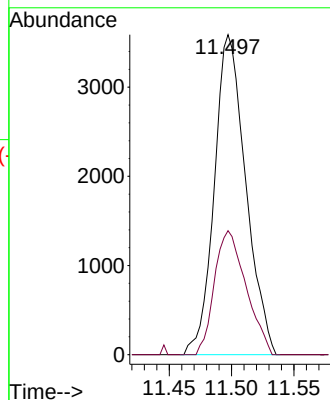
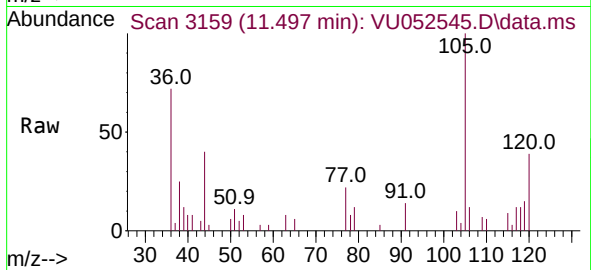
GBQD4

Tgt Ion:105 Resp: 6298

Ion Ratio Lower Upper

105 100

120 38.9 38.6 57.8



#63

1,2,4-Trimethylbenzene

Concen: 0.148 ug/L

RT: 11.497 min Scan# 3159

Delta R.T. 0.032 min

Lab File: VU052545.D

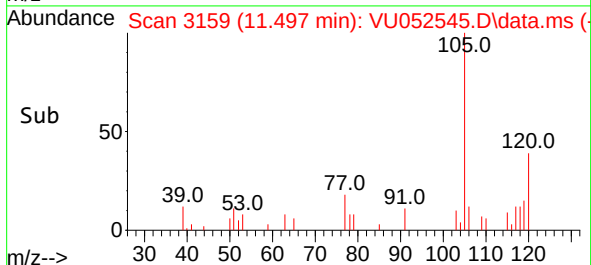
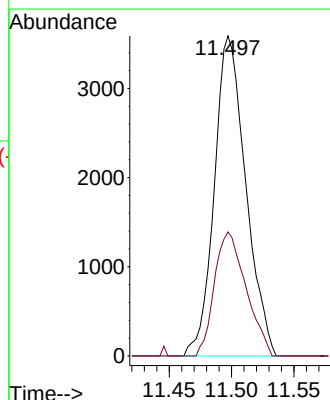
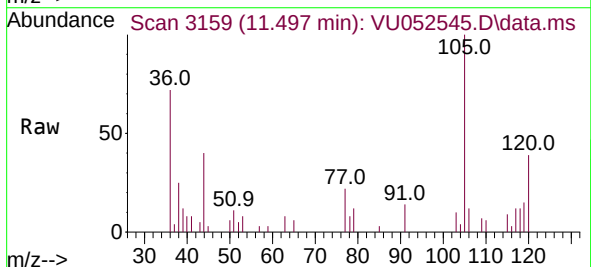
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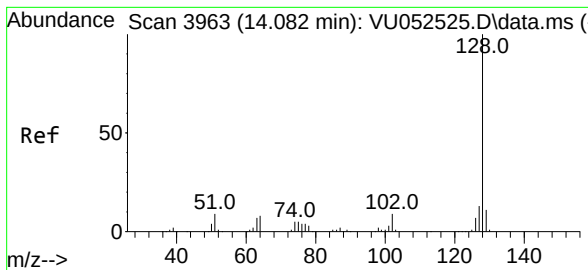
Tgt Ion:105 Resp: 6298

Ion Ratio Lower Upper

105 100

120 38.9 35.6 53.4





#71
Naphthalene
Concen: 1.390 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.006 min
Lab File: VU052545.D
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Instrument :
MSVOA_U
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Tgt Ion:128 Resp: 44430
Ion Ratio Lower Upper
128 100
129 13.4 8.7 13.1#
127 13.4 10.6 16.0

