

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
 Data File : VU052568.D
 Acq On : 27 Dec 2022 16:38
 Operator : JC/MD
 Sample : N6170-04DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBQB1DL

Quant Time: Dec 28 01:22:34 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)

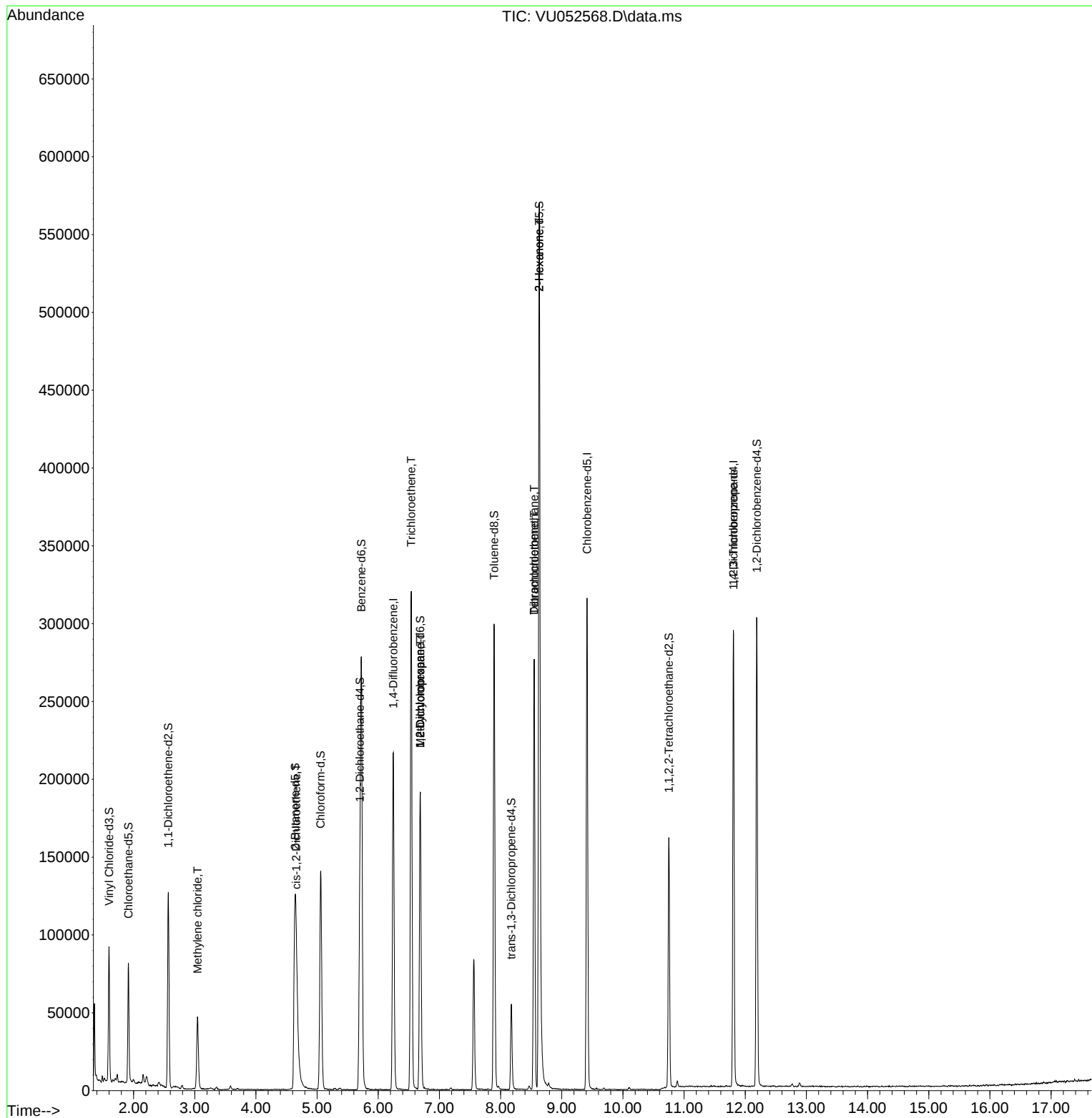
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	166892	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	169481	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	74068	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	53370	3.156	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	63.200%	
7) Chloroethane-d5	1.916	69	57401	3.937	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	78.800%	
11) 1,1-Dichloroethene-d2	2.568	65	25934	3.564	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	71.200%	
20) 2-Butanone-d5	4.642	46	282857	53.947	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	107.900%	
24) Chloroform-d	5.057	84	129962	4.556	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.200%	
26) 1,2-Dichloroethane-d4	5.700	65	79752	4.820	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.400%	
32) Benzene-d6	5.723	84	252984	4.354	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.000%	
36) 1,2-Dichloropropane-d6	6.687	67	93028	4.651	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.000%	
41) Toluene-d8	7.893	98	194423	3.986	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	79.800%	
43) trans-1,3-Dichloroprop...	8.176	79	30996	4.525	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.600%	
46) 2-Hexanone-d5	8.632	63	194848	51.997	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	104.000%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	80359	4.732	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	94.600%	
66) 1,2-Dichlorobenzene-d4	12.189	152	75304	4.994	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	99.800%	
Target Compounds						Qvalue
16) Methylene chloride	3.047	84	21394	1.212	ug/L	98
22) cis-1,2-Dichloroethene	4.662	96	4062	0.287	ug/L	75
34) Trichloroethene	6.539	95	110244	7.725	ug/L	98
35) Methylcyclohexane	6.687	83	20540	0.954	ug/L #	15
37) 1,2-Dichloropropane	6.687	63	9907	0.582	ug/L #	88
47) Tetrachloroethene	8.549	164	58694	5.892	ug/L	97
48) 2-Hexanone	8.632	43	25981	2.769	ug/L #	74
49) Dibromochloromethane	8.549	129	58485	4.578	ug/L #	11
61) 1,2,3-Trichloropropane	11.806	75	10482	0.987	ug/L #	71

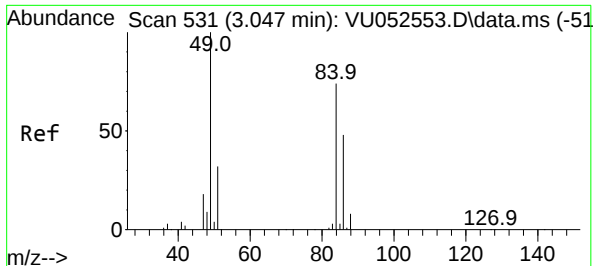
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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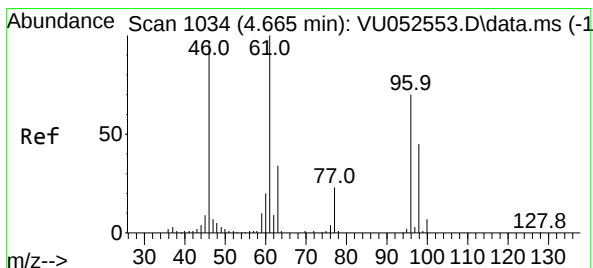
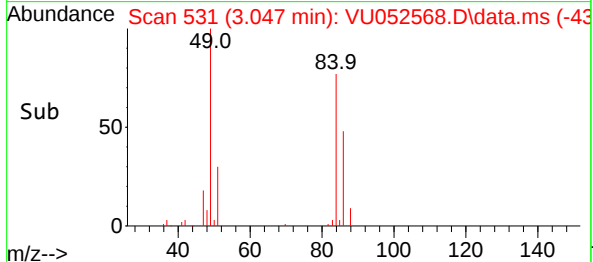
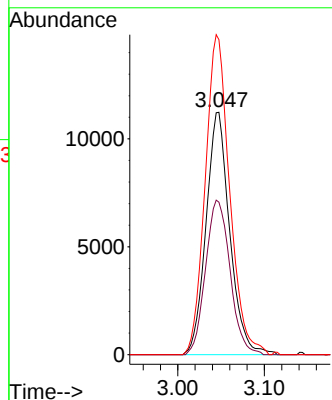
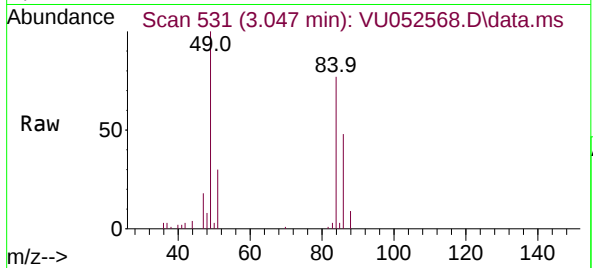




#16
Methylene chloride
Concen: 1.212 ug/L
RT: 3.047 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU052568.D
Acq: 27 Dec 2022 16:38

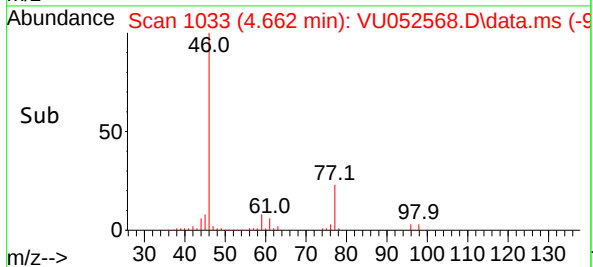
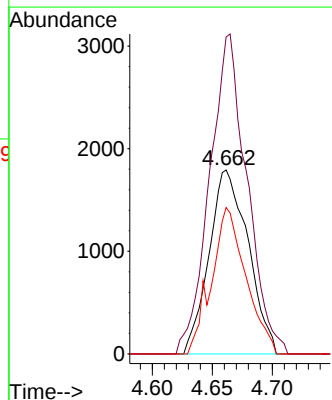
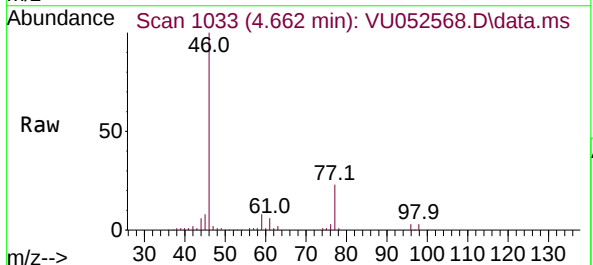
Instrument :
MSVOA_U
ClientSampleId :
GBQB1DL

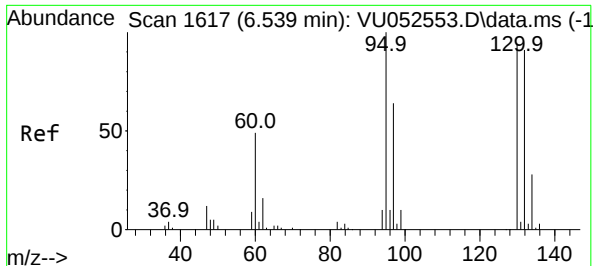
Tgt Ion: 84 Resp: 21394
Ion Ratio Lower Upper
84 100
86 62.9 44.7 83.1
49 130.0 93.3 173.3



#22
cis-1,2-Dichloroethene
Concen: 0.287 ug/L
RT: 4.662 min Scan# 1033
Delta R.T. -0.003 min
Lab File: VU052568.D
Acq: 27 Dec 2022 16:38

Tgt Ion: 96 Resp: 4062
Ion Ratio Lower Upper
96 100
61 172.2 96.9 180.1
98 79.6 44.7 83.1

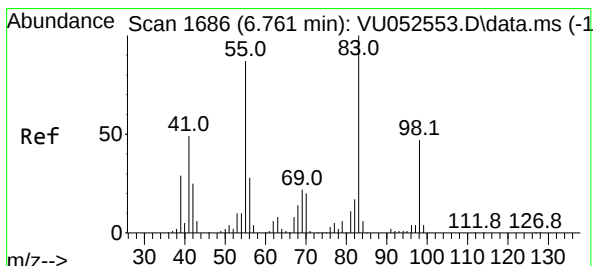
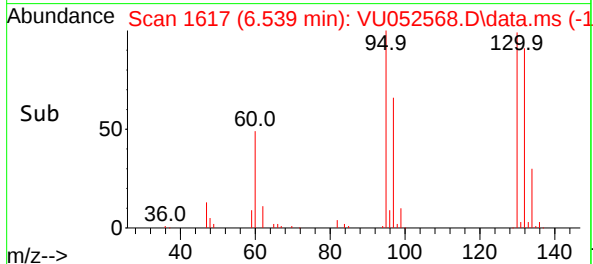
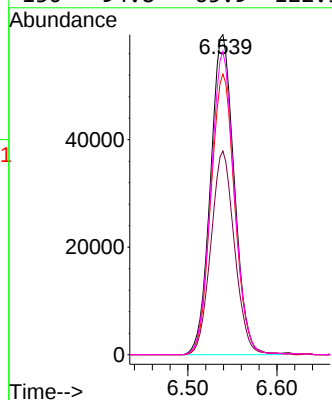
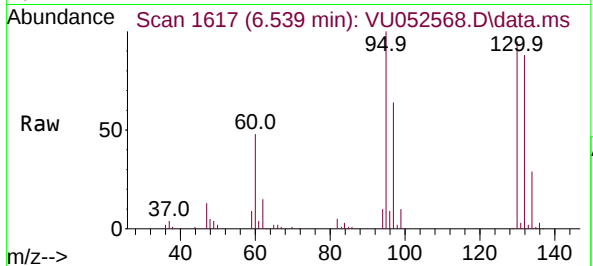




#34
Trichloroethene
Concen: 7.725 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU052568.D
Acq: 27 Dec 2022 16:38

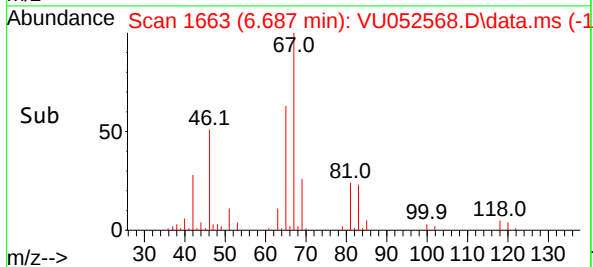
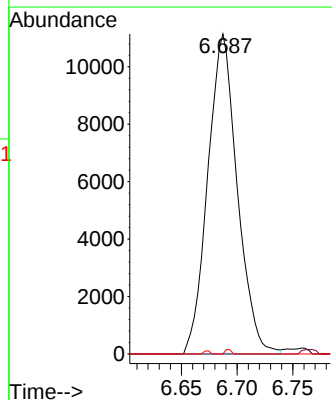
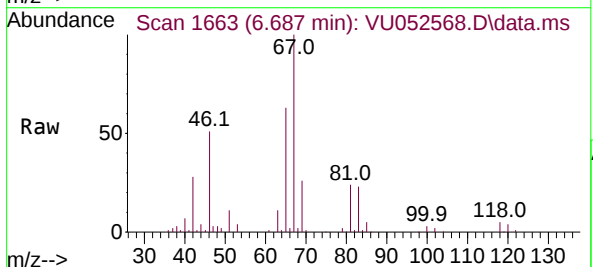
Instrument :
MSVOA_U
ClientSampleId :
GBQB1DL

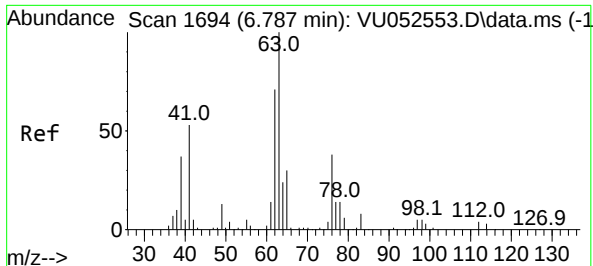
Tgt Ion: 95 Resp: 110244
Ion Ratio Lower Upper
95 100
97 63.6 46.3 86.1
132 87.7 63.9 118.7
130 94.8 65.9 122.5



#35
Methylcyclohexane
Concen: 0.954 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU052568.D
Acq: 27 Dec 2022 16:38

Tgt Ion: 83 Resp: 20540
Ion Ratio Lower Upper
83 100
55 0.7 71.4 107.0#
98 1.3 36.5 54.7#

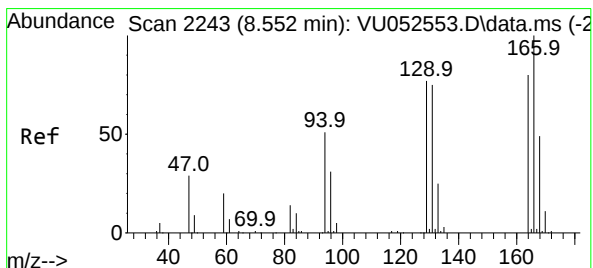
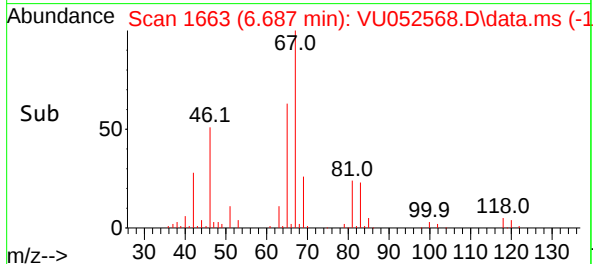
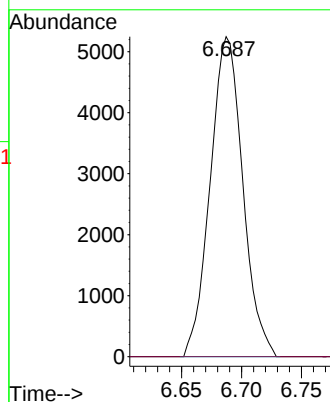
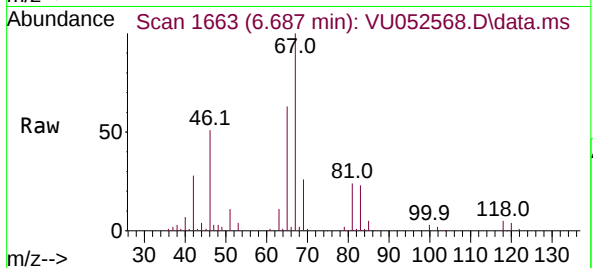




#37
1,2-Dichloropropane
Concen: 0.582 ug/L
RT: 6.687 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU052568.D
Acq: 27 Dec 2022 16:38

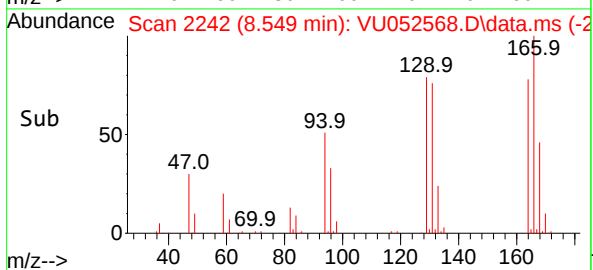
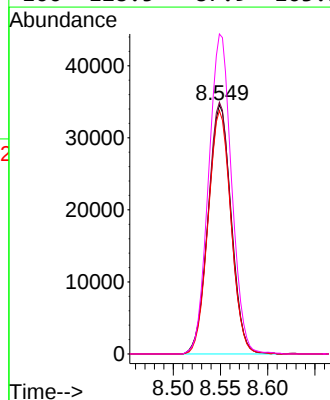
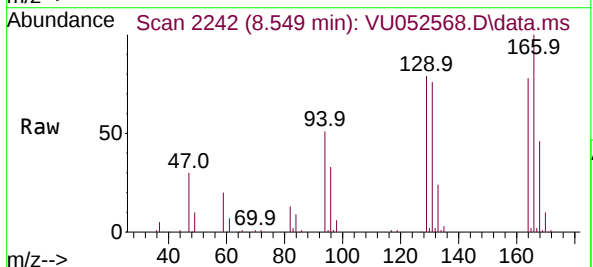
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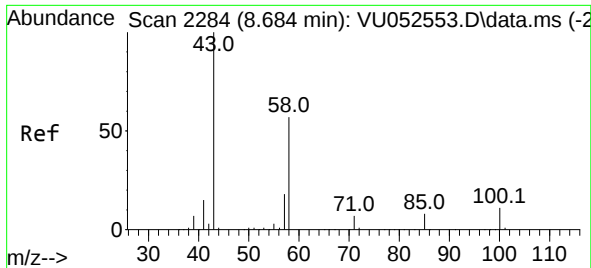
Tgt Ion: 63 Resp: 9907
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#



#47
Tetrachloroethene
Concen: 5.892 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.003 min
Lab File: VU052568.D
Acq: 27 Dec 2022 16:38

Tgt Ion: 164 Resp: 58694
Ion Ratio Lower Upper
164 100
129 101.1 68.1 126.5
131 97.7 66.5 123.5
166 128.5 87.9 163.3

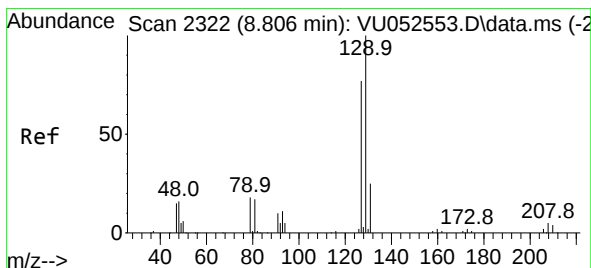
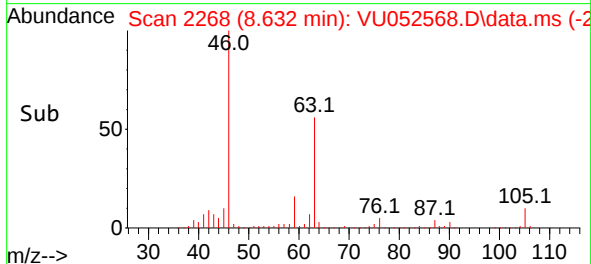
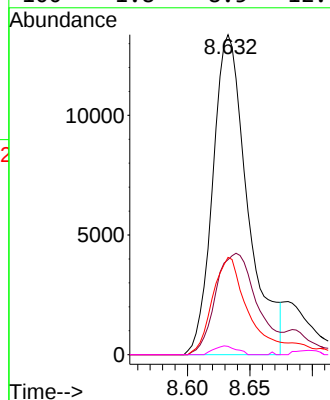
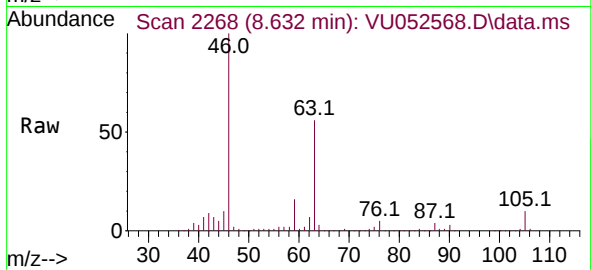




#48
2-Hexanone
Concen: 2.769 ug/L
RT: 8.632 min Scan# 21
Delta R.T. -0.051 min
Lab File: VU052568.D
Acq: 27 Dec 2022 16:38

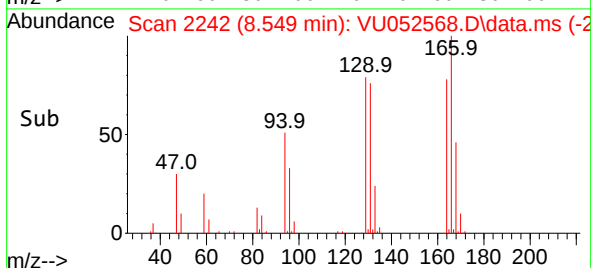
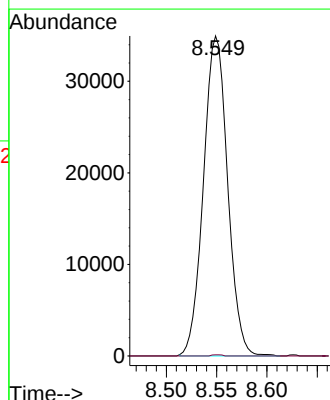
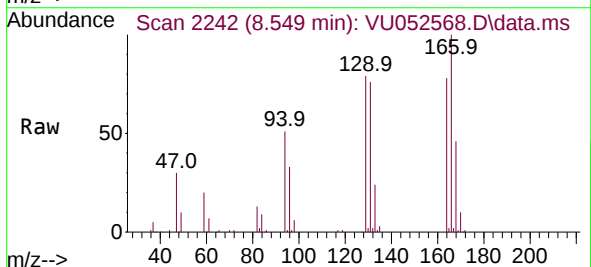
Instrument :
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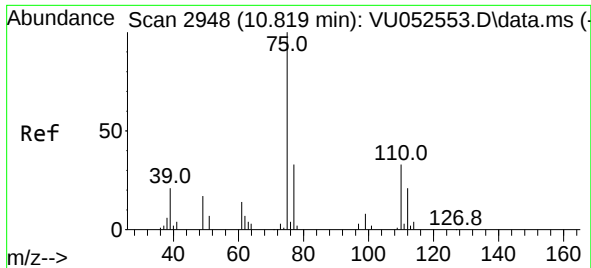
Tgt Ion: 43	Resp: 25981
Ion Ratio	Lower Upper
43	100
58	38.3 44.1 66.1#
57	33.7 14.6 21.8#
100	1.8 8.5 12.7#



#49
Dibromochloromethane
Concen: 4.578 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.257 min
Lab File: VU052568.D
Acq: 27 Dec 2022 16:38

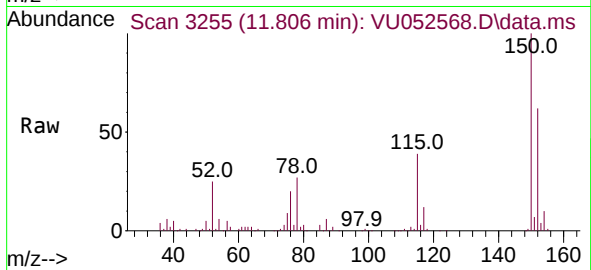
Tgt Ion: 129	Resp: 58485
Ion Ratio	Lower Upper
129	100
127	0.3 54.2 100.6#





#61
 1,2,3-Trichloropropane
 Concen: 0.987 ug/L
 RT: 11.806 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU052568.D
 Acq: 27 Dec 2022 16:38

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion: 75 Resp: 10482
 Ion Ratio Lower Upper
 75 100
 110 2.3 27.9 41.9#
 77 32.7 25.9 38.9

