

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122822\
 Data File : VU052588.D
 Acq On : 28 Dec 2022 15:04
 Operator : JC/MD
 Sample : N6171-10DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBQC8DL

Quant Time: Dec 29 00:26:54 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)

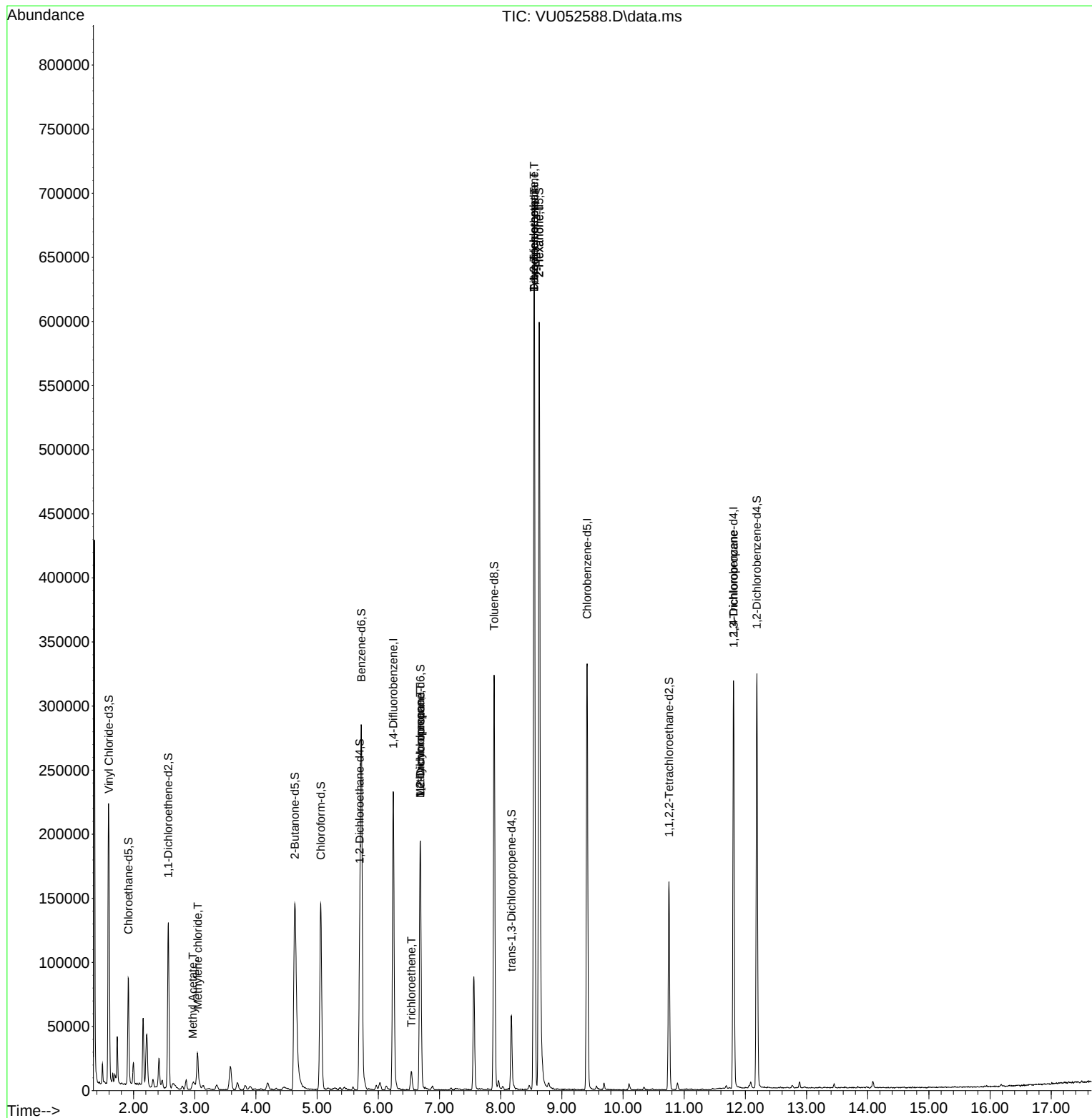
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	178566	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	173306	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	80342	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	51451	2.844	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	56.800%
7) Chloroethane-d5	1.916	69	57589	3.691	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.800%
11) 1,1-Dichloroethene-d2	2.568	65	25838	3.319	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.400%
20) 2-Butanone-d5	4.636	46	295629	52.697	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.400%
24) Chloroform-d	5.060	84	133257	4.366	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
26) 1,2-Dichloroethane-d4	5.697	65	78922	4.458	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
32) Benzene-d6	5.723	84	262060	4.410	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
36) 1,2-Dichloropropane-d6	6.687	67	95812	4.684	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.600%
41) Toluene-d8	7.893	98	205973	4.129	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.600%
43) trans-1,3-Dichloroprop...	8.176	79	32388	4.624	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.400%
46) 2-Hexanone-d5	8.629	63	210551	54.948	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.900%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	79954	4.604	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.000%
66) 1,2-Dichlorobenzene-d4	12.189	152	79378	4.853	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.000%
Target Compounds						
					Qvalue	
15) Methyl Acetate	2.967	43	2042	0.224	ug/L #	55
16) Methylene chloride	3.048	84	12417	0.657	ug/L	97
34) Trichloroethene	6.539	95	4416	0.303	ug/L	98
35) Methylcyclohexane	6.684	83	21322	0.969	ug/L #	14
37) 1,2-Dichloropropane	6.684	63	10057	0.577	ug/L #	88
45) 1,1,2-Trichloroethane	8.546	97	1318	0.107	ug/L #	1
47) Tetrachloroethene	8.549	164	147693	14.499	ug/L	99
48) 2-Hexanone	8.629	43	25766	2.685	ug/L #	76
49) Dibromochloromethane	8.549	129	143384	10.976	ug/L #	11
61) 1,2,3-Trichloropropane	11.809	75	11382	0.988	ug/L #	66

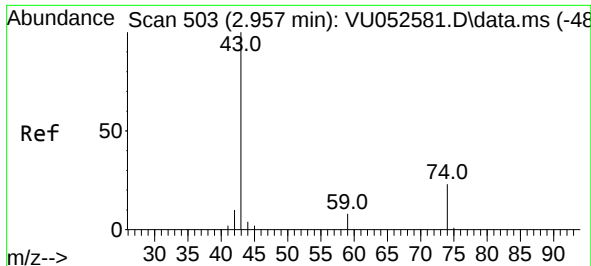
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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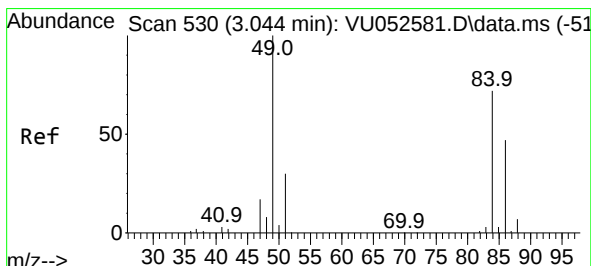
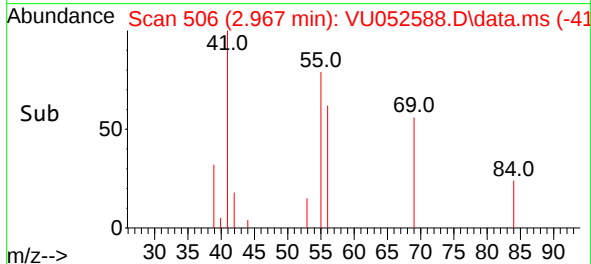
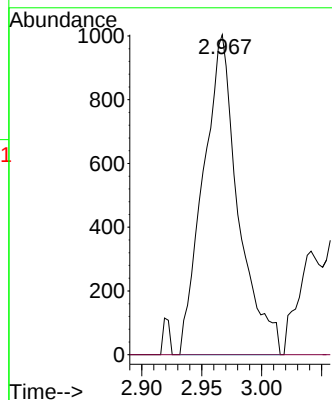
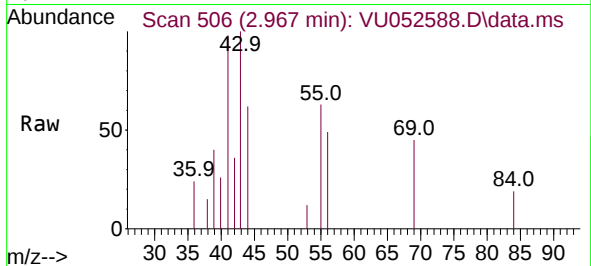




#15
Methyl Acetate
Concen: 0.224 ug/L
RT: 2.967 min Scan# 503
Delta R.T. 0.010 min
Lab File: VU052588.D
Acq: 28 Dec 2022 15:04

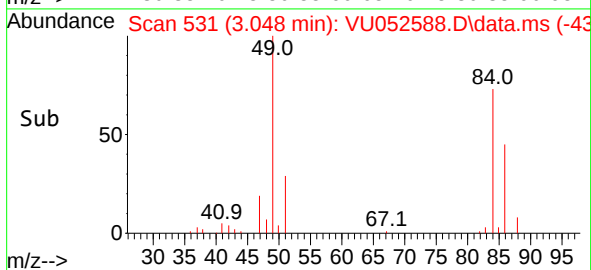
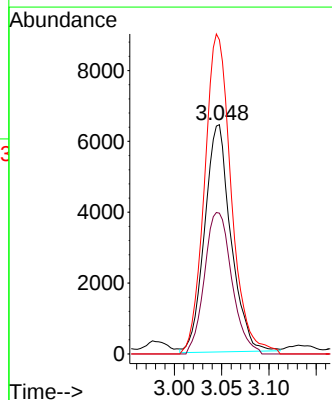
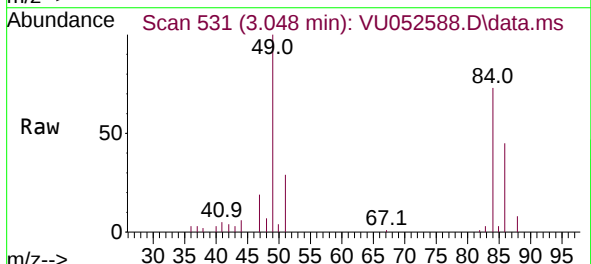
Instrument :
MSVOA_U
ClientSampleId :
GBQC8DL

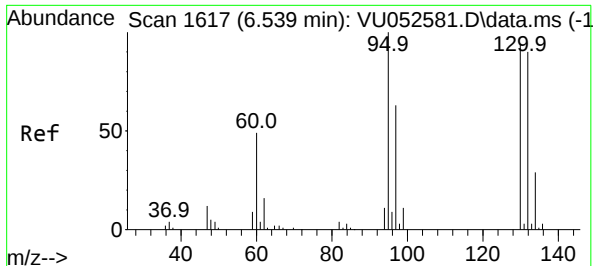
Tgt Ion: 43 Resp: 2042
Ion Ratio Lower Upper
43 100
74 0.0 16.9 25.3#



#16
Methylene chloride
Concen: 0.657 ug/L
RT: 3.048 min Scan# 531
Delta R.T. 0.003 min
Lab File: VU052588.D
Acq: 28 Dec 2022 15:04

Tgt Ion: 84 Resp: 12417
Ion Ratio Lower Upper
84 100
86 61.4 44.7 83.1
49 136.9 93.3 173.3

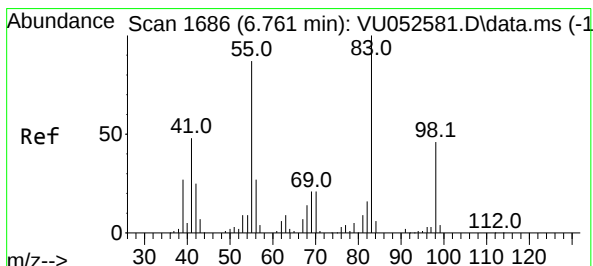
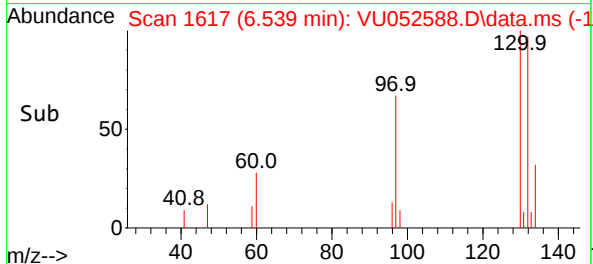
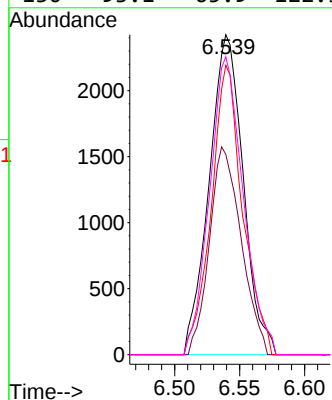
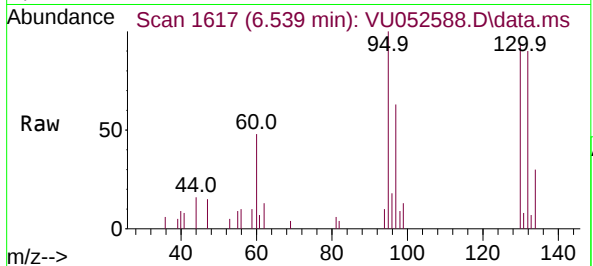




#34
Trichloroethene
Concen: 0.303 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU052588.D
Acq: 28 Dec 2022 15:04

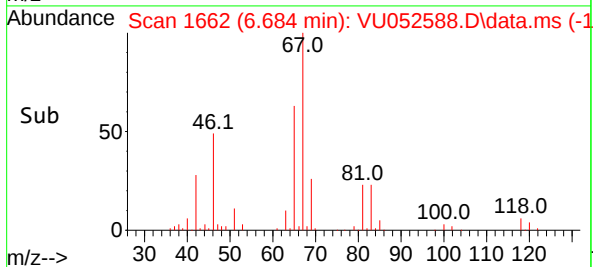
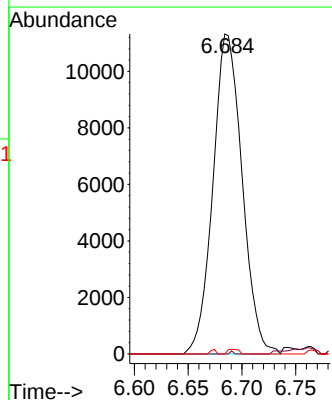
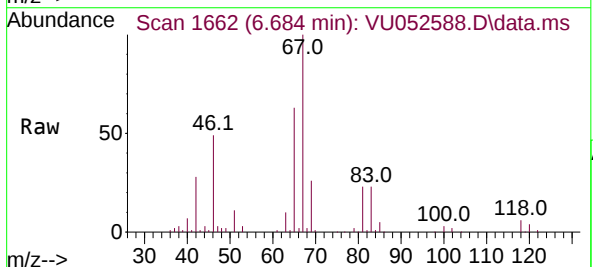
Instrument :
MSVOA_U
ClientSampleId :
GBQC8DL

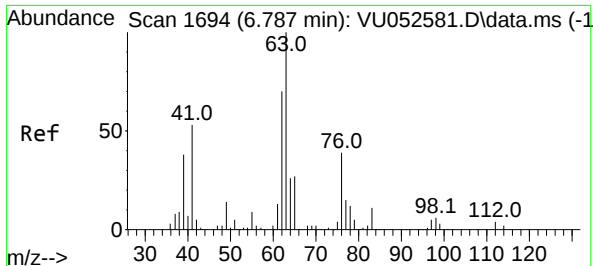
Tgt Ion: 95 Resp: 4416
Ion Ratio Lower Upper
95 100
97 62.6 46.3 86.1
132 90.4 63.9 118.7
130 93.1 65.9 122.5



#35
Methylcyclohexane
Concen: 0.969 ug/L
RT: 6.684 min Scan# 1662
Delta R.T. -0.077 min
Lab File: VU052588.D
Acq: 28 Dec 2022 15:04

Tgt Ion: 83 Resp: 21322
Ion Ratio Lower Upper
83 100
55 0.3 71.4 107.0#
98 0.6 36.5 54.7#

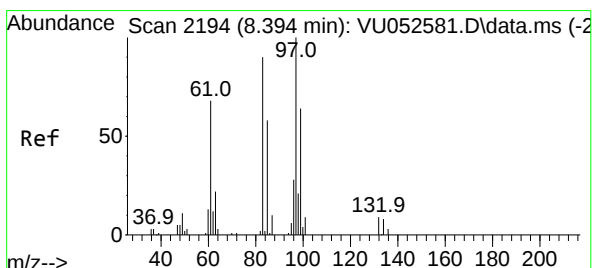
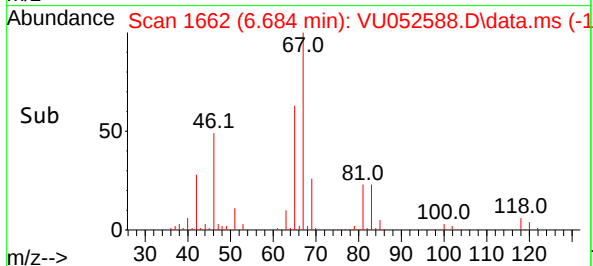
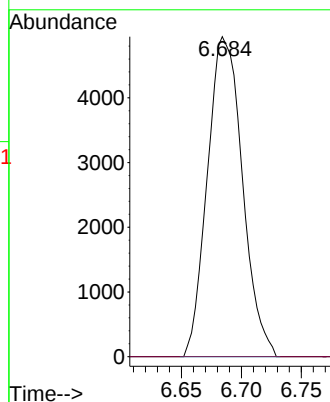
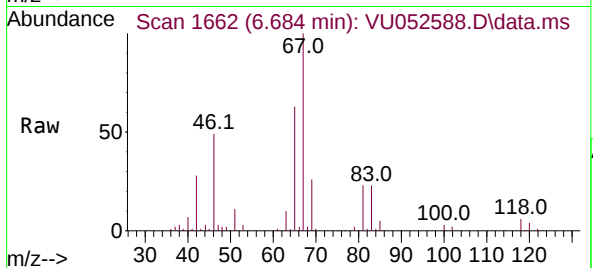




#37
1,2-Dichloropropane
Concen: 0.577 ug/L
RT: 6.684 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU052588.D
Acq: 28 Dec 2022 15:04

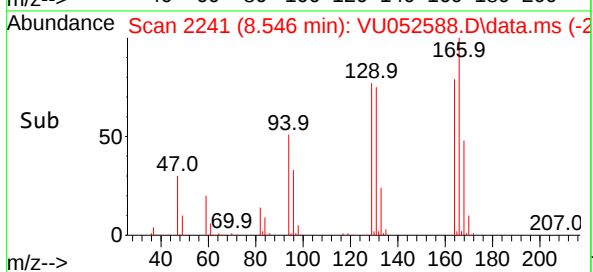
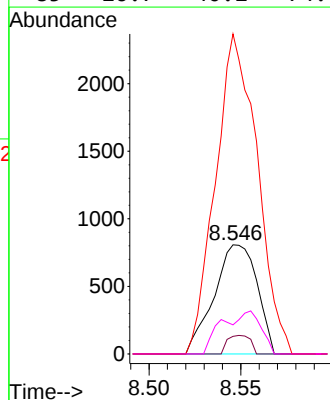
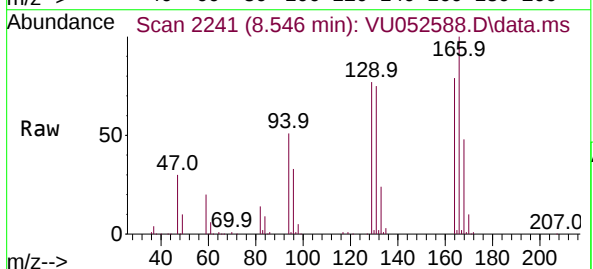
Instrument :
MSVOA_U
ClientSampleId :
GBQC8DL

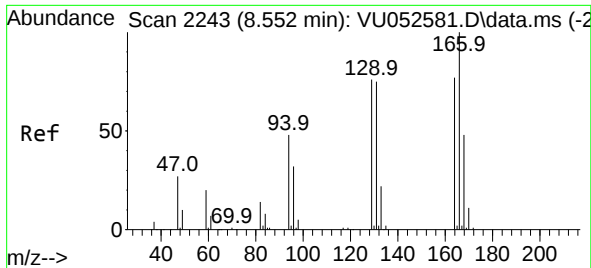
Tgt Ion: 63 Resp: 10057
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#



#45
1,1,2-Trichloroethane
Concen: 0.107 ug/L
RT: 8.546 min Scan# 2241
Delta R.T. 0.151 min
Lab File: VU052588.D
Acq: 28 Dec 2022 15:04

Tgt Ion: 97 Resp: 1318
Ion Ratio Lower Upper
97 100
99 16.1 42.0 78.0#
83 293.1 63.2 117.4#
85 26.7 40.2 74.6#

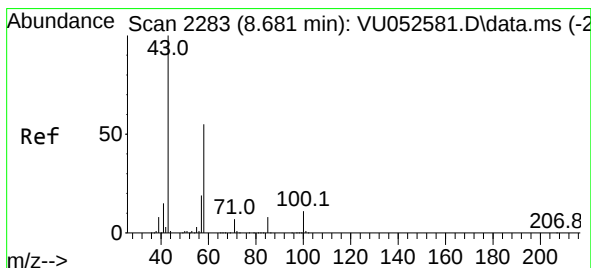
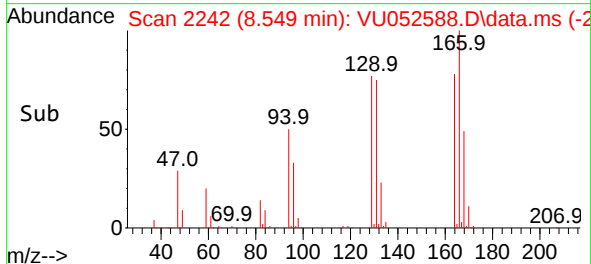
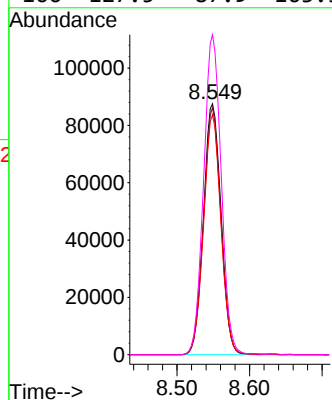
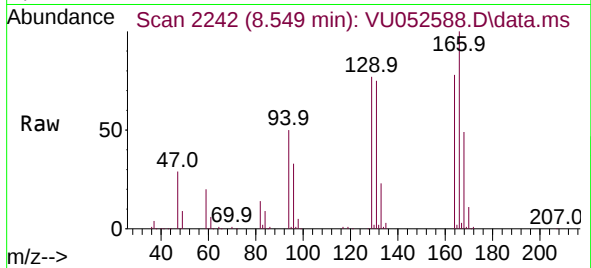




#47
Tetrachloroethene
Concen: 14.499 ug/L
RT: 8.549 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU052588.D
Acq: 28 Dec 2022 15:04

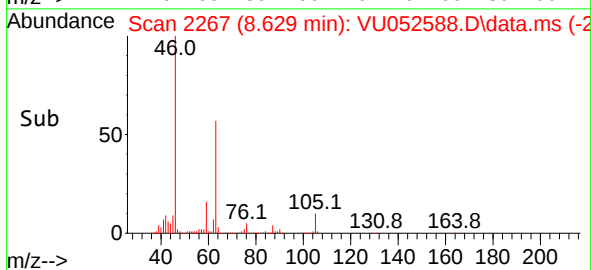
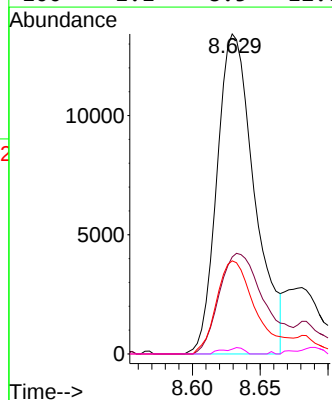
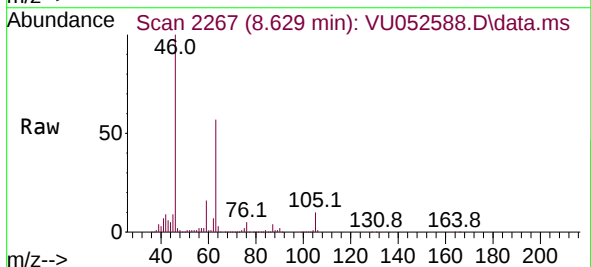
Instrument :
MSVOA_U
ClientSampleId :
GBQC8DL

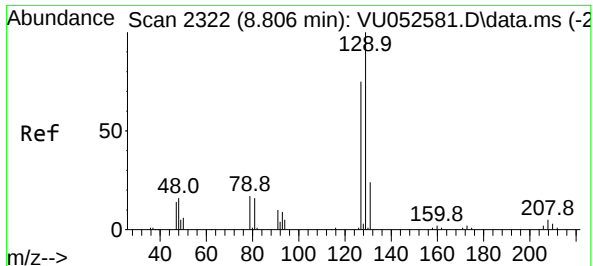
Tgt Ion:164 Resp: 147693
Ion Ratio Lower Upper
164 100
129 98.5 68.1 126.5
131 95.7 66.5 123.5
166 127.5 87.9 163.3



#48
2-Hexanone
Concen: 2.685 ug/L
RT: 8.629 min Scan# 2267
Delta R.T. -0.051 min
Lab File: VU052588.D
Acq: 28 Dec 2022 15:04

Tgt Ion: 43 Resp: 25766
Ion Ratio Lower Upper
43 100
58 38.8 44.1 66.1#
57 30.8 14.6 21.8#
100 1.1 8.5 12.7#





#49

Dibromochloromethane

Concen: 10.976 ug/L

RT: 8.549 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU052588.D

Acq: 28 Dec 2022 15:04

Instrument :

MSVOA_U

ClientSampleId :

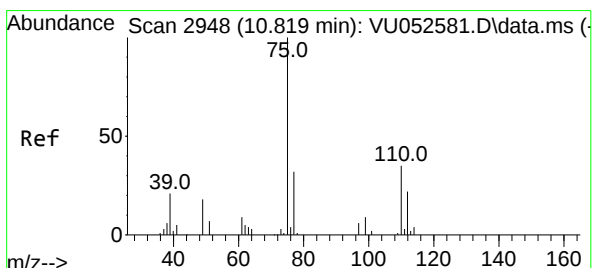
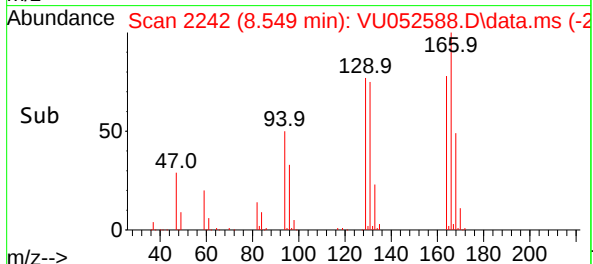
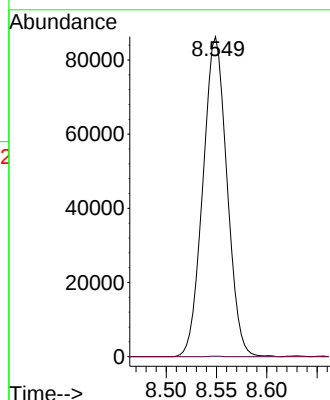
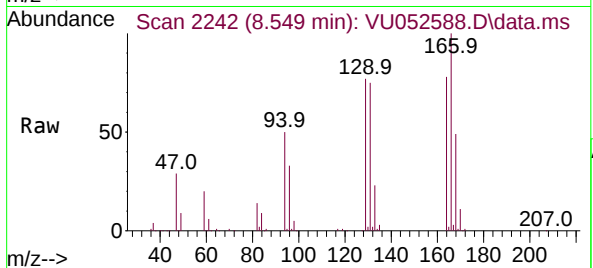
GBQC8DL

Tgt Ion:129 Resp: 143384

Ion Ratio Lower Upper

129 100

127 0.1 54.2 100.6#



#61

1,2,3-Trichloropropane

Concen: 0.988 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.991 min

Lab File: VU052588.D

Acq: 28 Dec 2022 15:04

Tgt Ion: 75 Resp: 11382

Ion Ratio Lower Upper

75 100

110 0.4 27.9 41.9#

77 29.0 25.9 38.9

