

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122822\
 Data File : VU052598.D
 Acq On : 28 Dec 2022 19:26
 Operator : JC/MD
 Sample : N6216-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AA5

Quant Time: Dec 29 00:29:09 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)

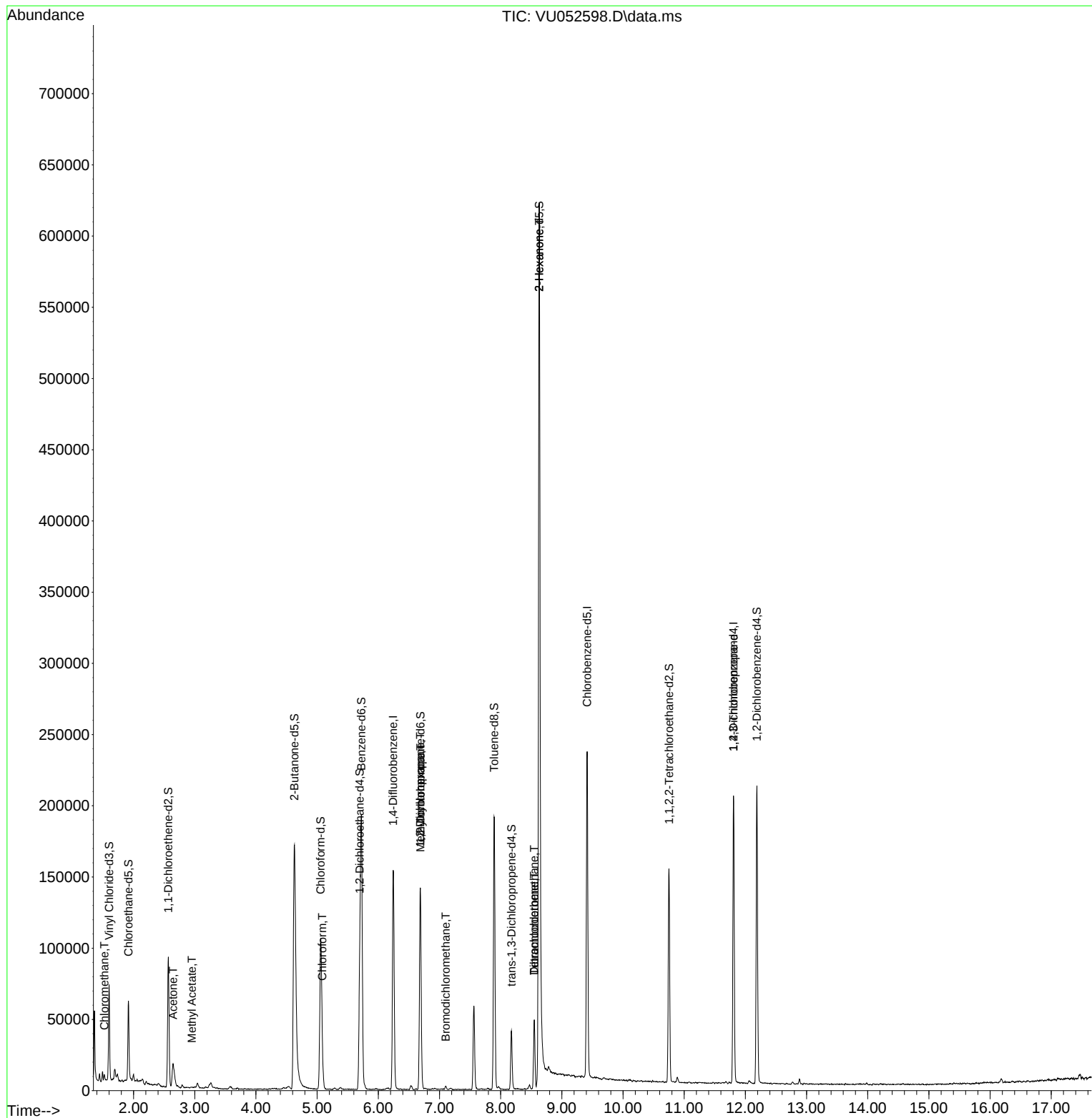
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	119794	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	119189	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	51938	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	39055	3.218	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.400%
7) Chloroethane-d5	1.916	69	41116	3.928	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.600%
11) 1,1-Dichloroethene-d2	2.568	65	18128	3.471	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.400%
20) 2-Butanone-d5	4.629	46	310006	82.371	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	164.740%#
24) Chloroform-d	5.057	84	97622	4.767	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.697	65	63174	5.319	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.400%
32) Benzene-d6	5.723	84	175121	4.286	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
36) 1,2-Dichloropropane-d6	6.687	67	67340	4.787	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.800%
41) Toluene-d8	7.893	98	124745	3.636	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.800%
43) trans-1,3-Dichloroprop...	8.176	79	22369	4.644	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.800%
46) 2-Hexanone-d5	8.629	63	201119	76.317	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	152.640%#
56) 1,1,2,2-Tetrachloroeth...	10.751	84	76189	6.379	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	127.600%#
66) 1,2-Dichlorobenzene-d4	12.189	152	51870	4.905	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.200%
Target Compounds						Qvalue
3) Chloromethane	1.523	50	2536	0.165	ug/L	87
13) Acetone	2.646	43	31466	11.341	ug/L	99
15) Methyl Acetate	2.951	43	1078	0.176	ug/L #	55
25) Chloroform	5.083	83	13662	0.701	ug/L	100
35) Methylcyclohexane	6.690	83	14792	0.977	ug/L #	14
37) 1,2-Dichloropropane	6.684	63	6953	0.580	ug/L #	88
38) Bromodichloromethane	7.102	83	1876	0.129	ug/L #	90
47) Tetrachloroethene	8.549	164	10231	1.460	ug/L	94
48) 2-Hexanone	8.629	43	26591	4.030	ug/L #	81
49) Dibromochloromethane	8.549	129	10394	1.157	ug/L #	11
61) 1,2,3-Trichloropropane	11.806	75	6857	0.920	ug/L #	67

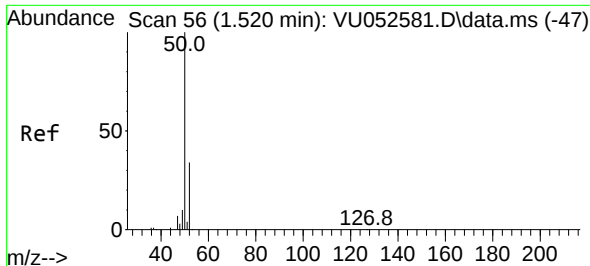
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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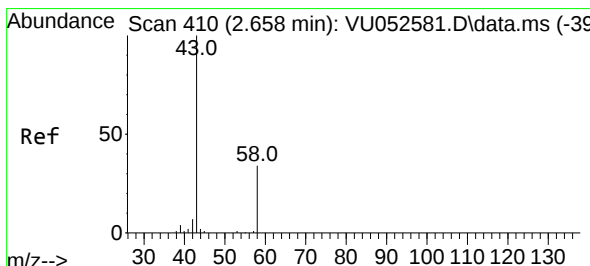
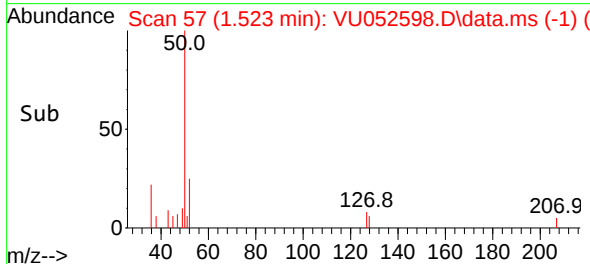
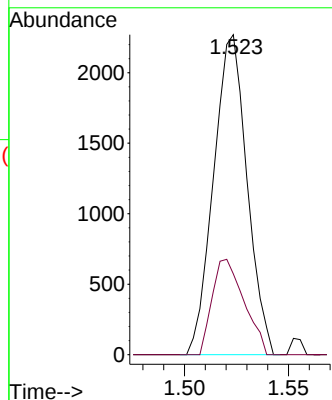
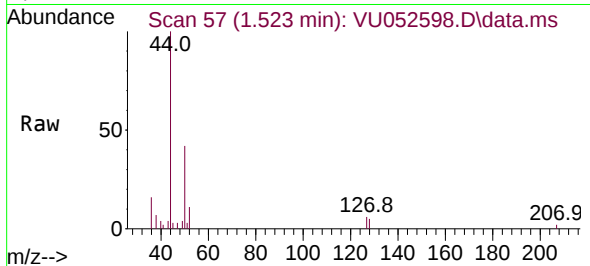




#3
Chloromethane
Concen: 0.165 ug/L
RT: 1.523 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU052598.D
Acq: 28 Dec 2022 19:26

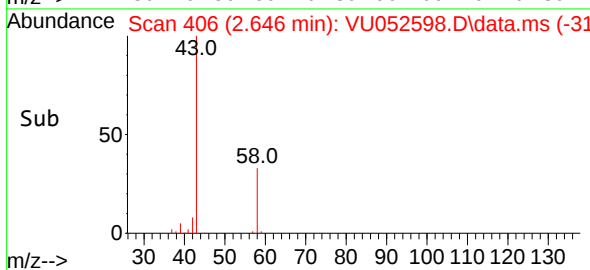
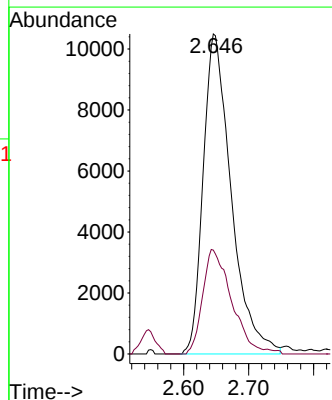
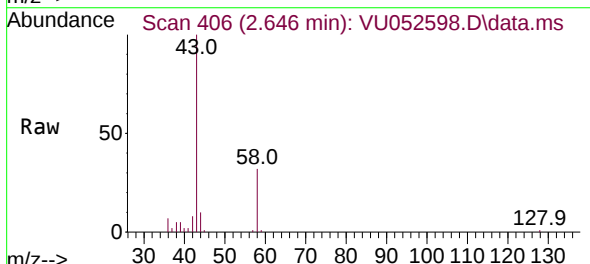
Instrument :
MSVOA_U
ClientSampleId :
H0AA5

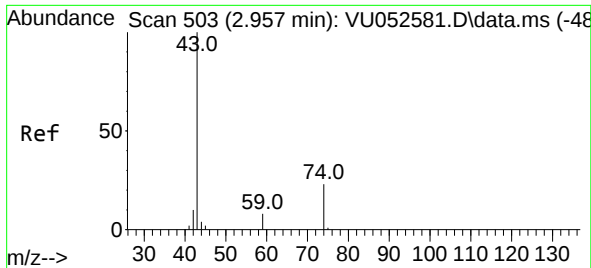
Tgt Ion: 50 Resp: 2536
Ion Ratio Lower Upper
50 100
52 25.2 23.0 42.6



#13
Acetone
Concen: 11.341 ug/L
RT: 2.646 min Scan# 406
Delta R.T. -0.013 min
Lab File: VU052598.D
Acq: 28 Dec 2022 19:26

Tgt Ion: 43 Resp: 31466
Ion Ratio Lower Upper
43 100
58 33.3 0.0 65.4

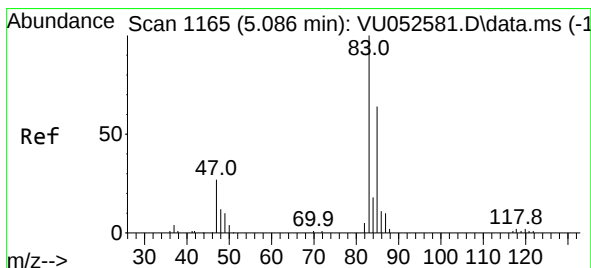
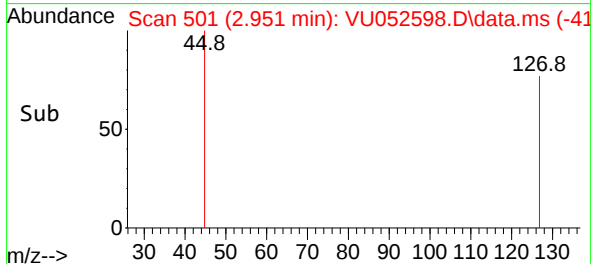
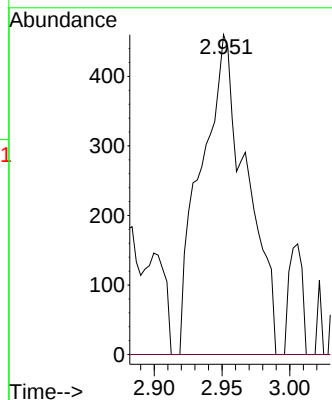
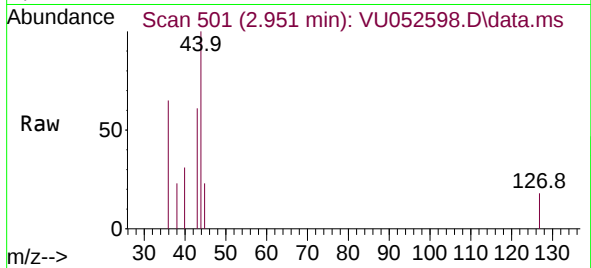




#15
Methyl Acetate
Concen: 0.176 ug/L
RT: 2.951 min Scan# 501
Delta R.T. -0.006 min
Lab File: VU052598.D
Acq: 28 Dec 2022 19:26

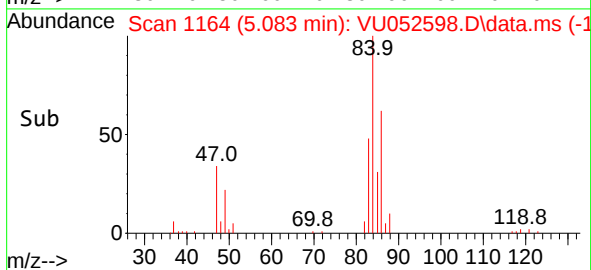
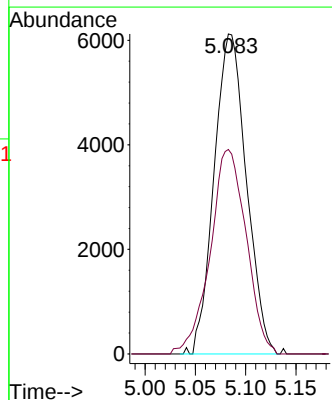
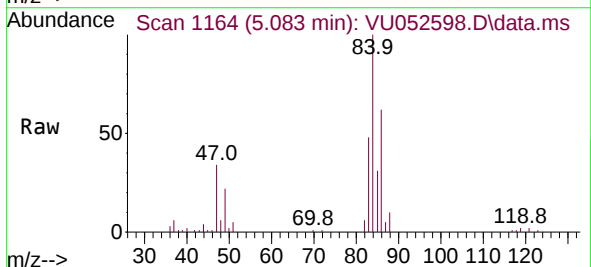
Instrument :
MSVOA_U
ClientSampleId :
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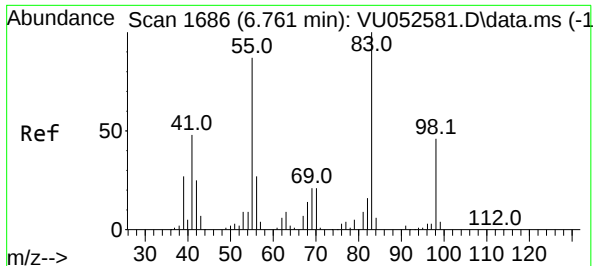
Tgt Ion: 43 Resp: 1078
Ion Ratio Lower Upper
43 100
74 0.0 16.9 25.3#



#25
Chloroform
Concen: 0.701 ug/L
RT: 5.083 min Scan# 1164
Delta R.T. -0.003 min
Lab File: VU052598.D
Acq: 28 Dec 2022 19:26

Tgt Ion: 83 Resp: 13662
Ion Ratio Lower Upper
83 100
85 63.9 44.7 83.1





#35

Methylcyclohexane

Concen: 0.977 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.070 min

Lab File: VU052598.D

Acq: 28 Dec 2022 19:26

Instrument :

MSVOA_U

ClientSampleId :

H0AA5

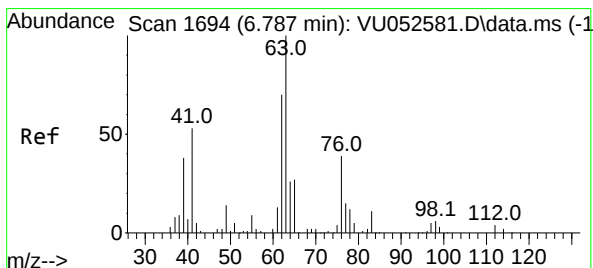
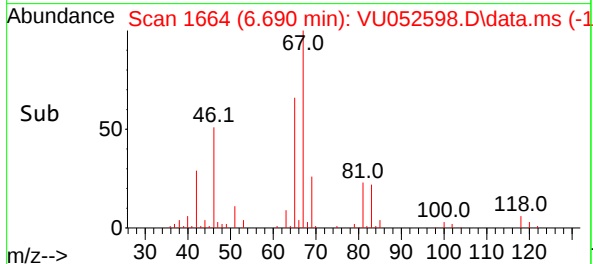
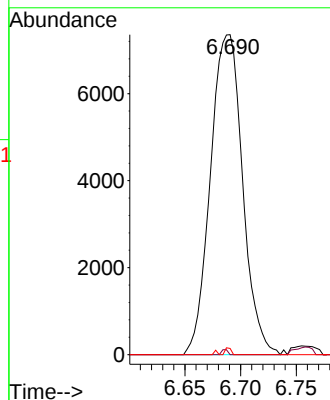
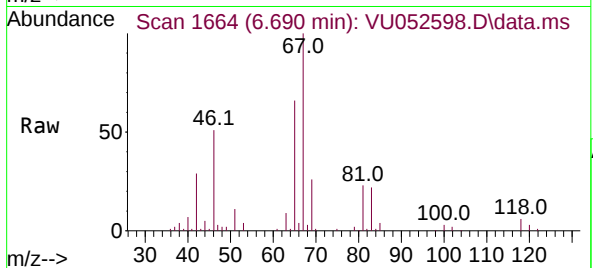
Tgt Ion: 83 Resp: 14792

Ion Ratio Lower Upper

83 100

55 0.3 71.4 107.0#

98 0.4 36.5 54.7#



#37

1,2-Dichloropropane

Concen: 0.580 ug/L

RT: 6.684 min Scan# 1662

Delta R.T. -0.103 min

Lab File: VU052598.D

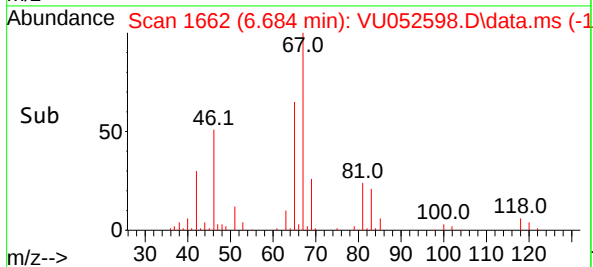
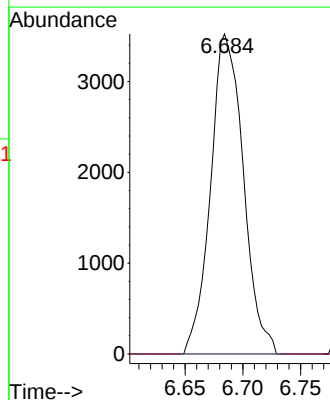
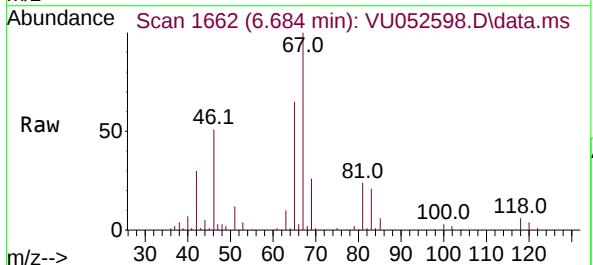
Acq: 28 Dec 2022 19:26

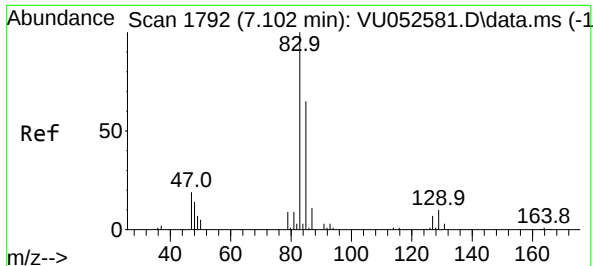
Tgt Ion: 63 Resp: 6953

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#

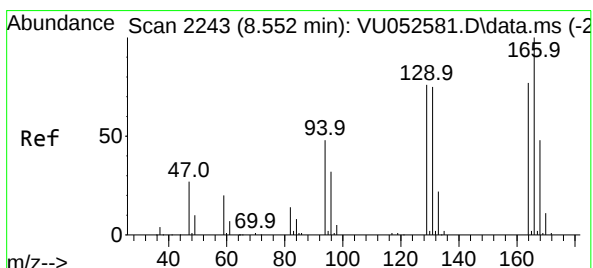
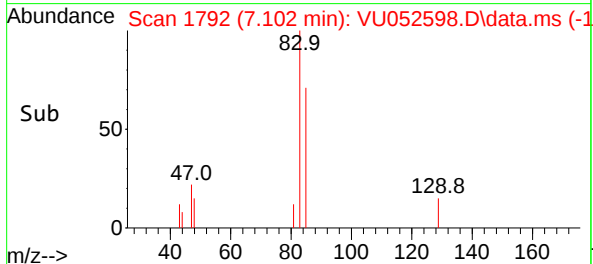
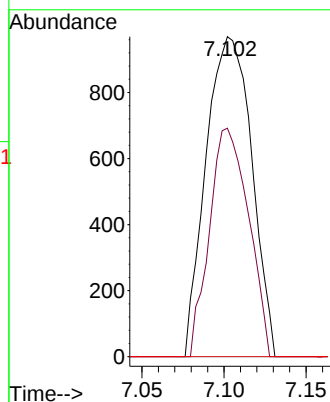
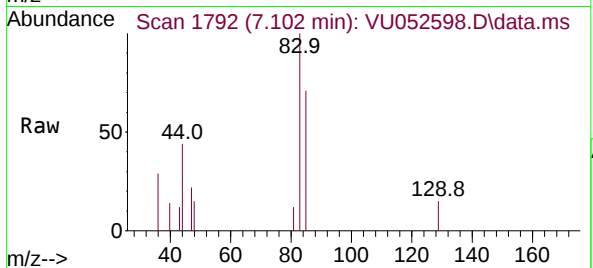




#38
Bromodichloromethane
Concen: 0.129 ug/L
RT: 7.102 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU052598.D
Acq: 28 Dec 2022 19:26

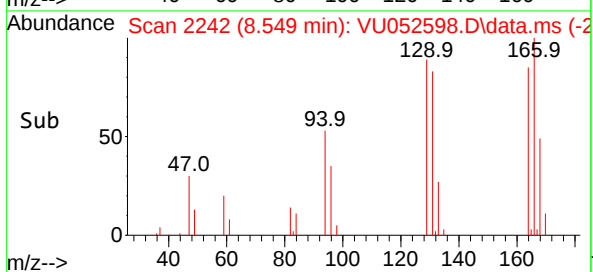
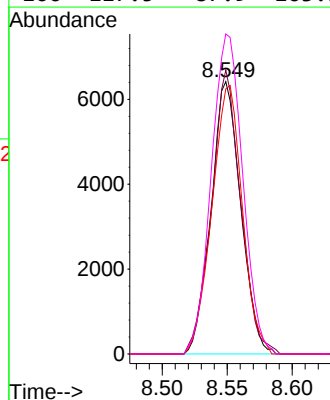
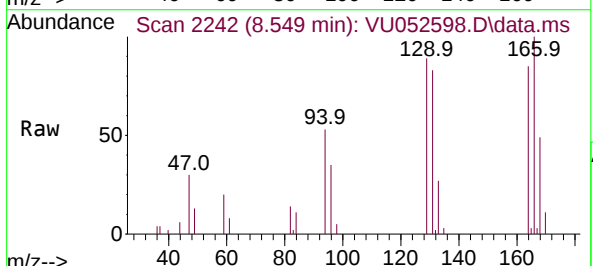
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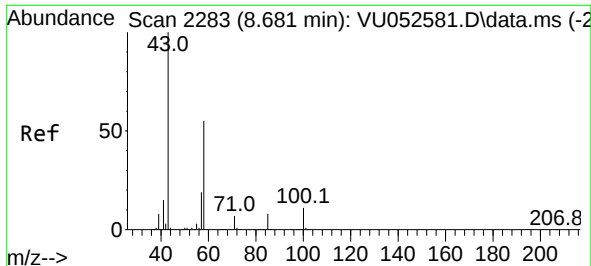
Tgt Ion: 83 Resp: 1876
Ion Ratio Lower Upper
83 100
85 71.4 45.2 84.0
127 0.0 5.8 8.6#



#47
Tetrachloroethene
Concen: 1.460 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.003 min
Lab File: VU052598.D
Acq: 28 Dec 2022 19:26

Tgt Ion: 164 Resp: 10231
Ion Ratio Lower Upper
164 100
129 104.2 68.1 126.5
131 97.4 66.5 123.5
166 117.5 87.9 163.3

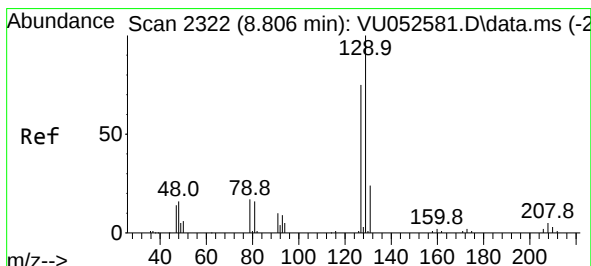
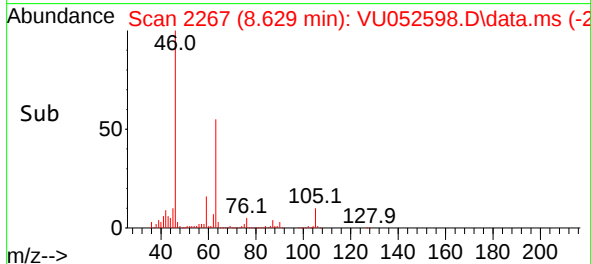
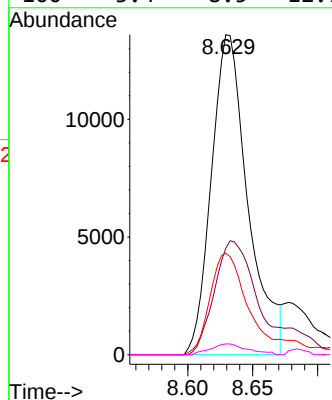
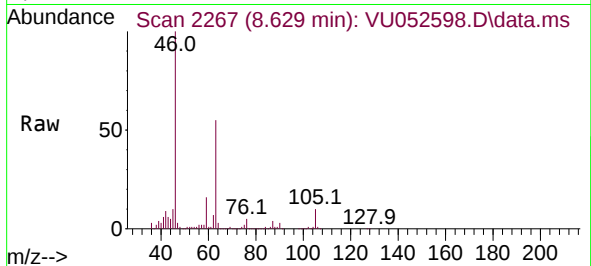




#48
2-Hexanone
Concen: 4.030 ug/L
RT: 8.629 min Scan# 21
Delta R.T. -0.051 min
Lab File: VU052598.D
Acq: 28 Dec 2022 19:26

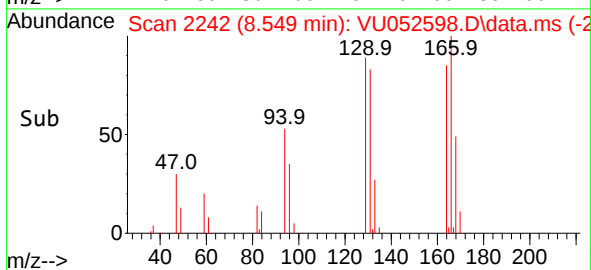
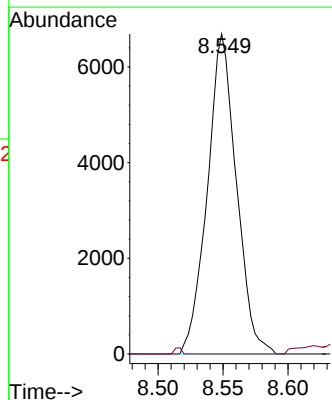
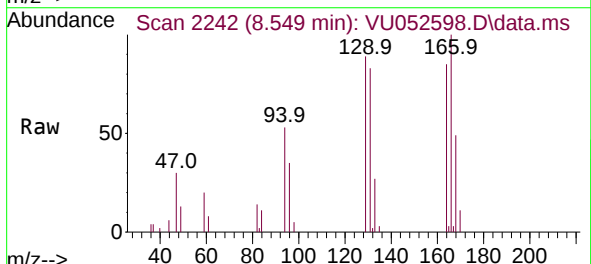
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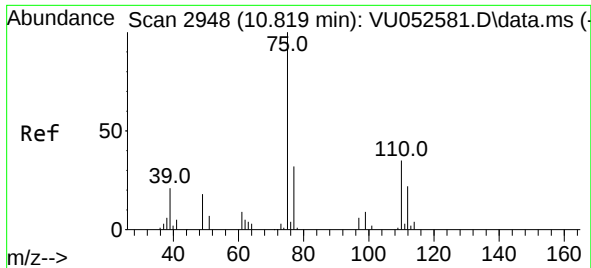
Tgt Ion: 43	Resp: 26591
Ion Ratio	Lower Upper
43	100
58	47.0 44.1 66.1
57	36.7 14.6 21.8#
100	3.4 8.5 12.7#



#49
Dibromochloromethane
Concen: 1.157 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.257 min
Lab File: VU052598.D
Acq: 28 Dec 2022 19:26

Tgt Ion: 129	Resp: 10394
Ion Ratio	Lower Upper
129	100
127	0.0 54.2 100.6#





#61
 1,2,3-Trichloropropane
 Concen: 0.920 ug/L
 RT: 11.806 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU052598.D
 Acq: 28 Dec 2022 19:26

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion: 75 Resp: 6857
 Ion Ratio Lower Upper
 75 100
 110 0.6 27.9 41.9#
 77 35.7 25.9 38.9

