

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051823\
 Data File : VU054173.D
 Acq On : 18 May 2023 18:28
 Operator : JC/MD
 Sample : 02844-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBX01

Quant Time: May 19 02:09:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 19 02:02:28 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

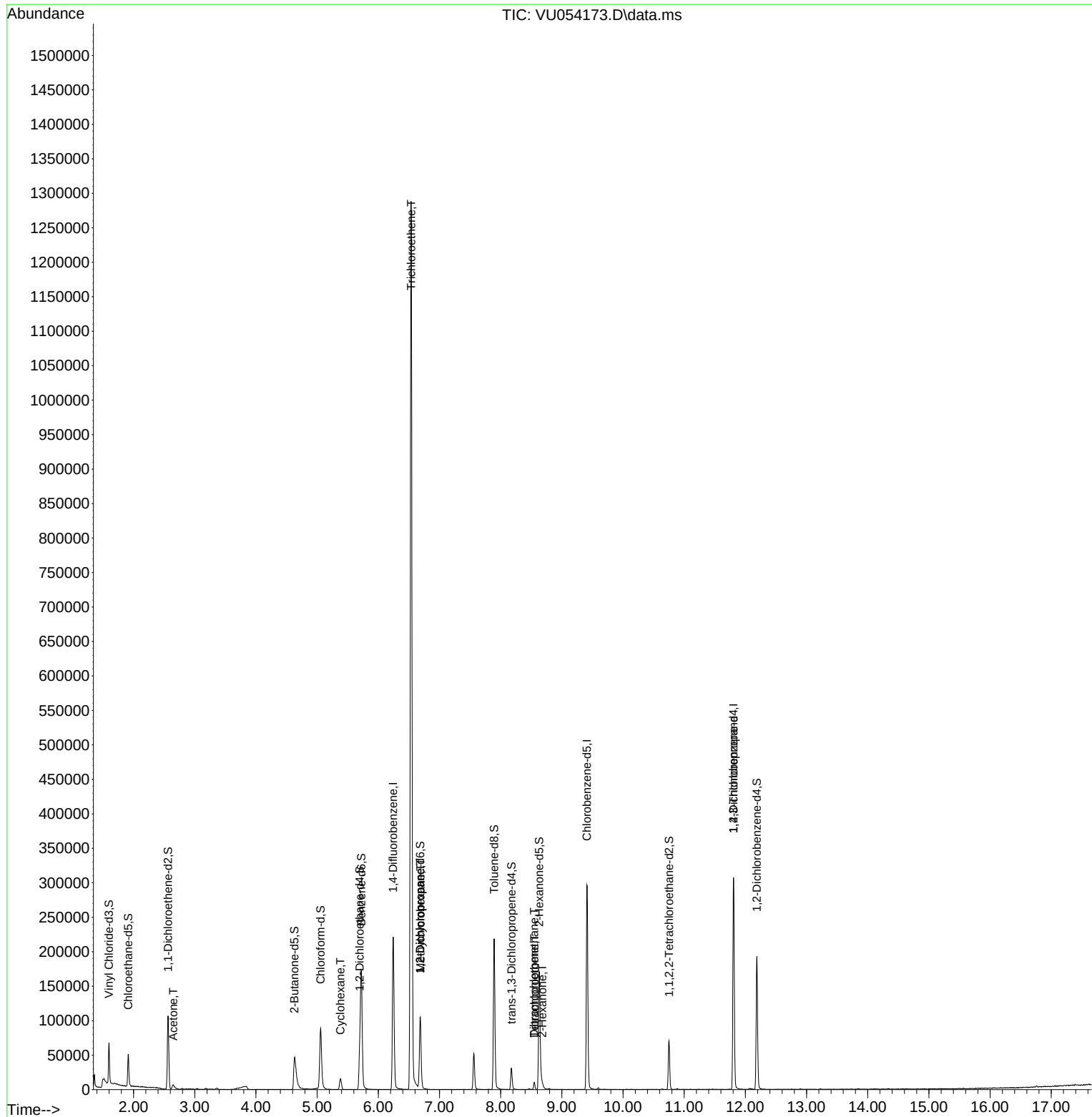
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	184658	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.411	117	172365	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	88169	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	43874	4.407	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	88.200%	
7) Chloroethane-d5	1.912	69	35428	4.757	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	95.200%	
11) 1,1-Dichloroethene-d2	2.562	65	19821	4.408	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	88.200%	
20) 2-Butanone-d5	4.629	46	86577	48.765	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	97.520%	
24) Chloroform-d	5.057	84	82235	4.394	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.800%	
26) 1,2-Dichloroethane-d4	5.697	65	40200	4.668	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.400%	
32) Benzene-d6	5.723	84	167303	4.766	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.400%	
36) 1,2-Dichloropropane-d6	6.684	67	49409	4.870	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	97.400%	
41) Toluene-d8	7.893	98	150855	4.551	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.000%	
43) trans-1,3-Dichloroprop...	8.176	79	19028	4.643	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	92.800%	
46) 2-Hexanone-d5	8.629	63	61172	50.136	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	100.280%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	34752	4.779	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.600%	
66) 1,2-Dichlorobenzene-d4	12.189	152	52659	4.894	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.800%	
Target Compounds						
					Qvalue	
13) Acetone	2.649	43	12612	5.222	ug/L	92
30) Cyclohexane	5.379	56	7542	0.429	ug/L	94
34) Trichloroethene	6.536	95	441523	33.651	ug/L	99
35) Methylcyclohexane	6.687	83	12399	0.646	ug/L #	20
37) 1,2-Dichloropropane	6.684	63	5520	0.431	ug/L #	88
47) Tetrachloroethene	8.552	164	2534	0.235	ug/L	94
48) 2-Hexanone	8.681	43	3633	0.737	ug/L #	61
49) Dibromochloromethane	8.549	129	2198	0.213	ug/L #	11
61) 1,2,3-Trichloropropane	11.806	75	9991	1.398	ug/L #	63

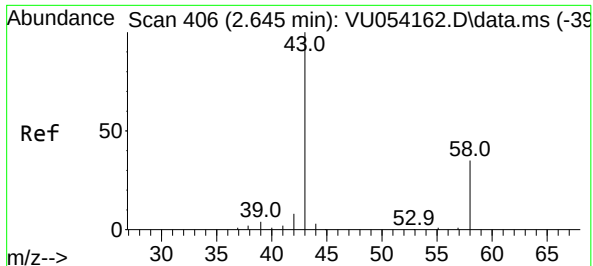
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.222 ug/L

RT: 2.649 min Scan# 406

Delta R.T. 0.003 min

Lab File: VU054173.D

Acq: 18 May 2023 18:28

Instrument :

MSVOA_U

ClientSampleId :

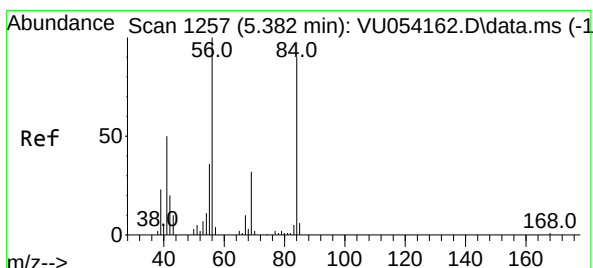
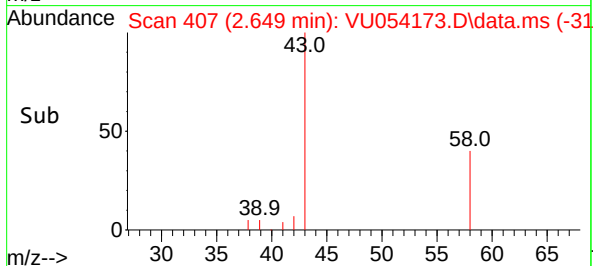
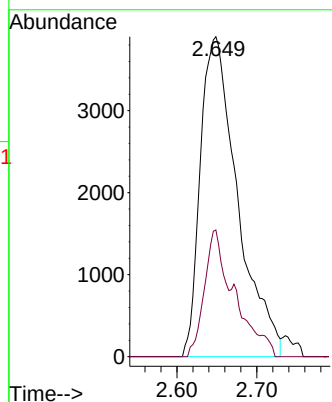
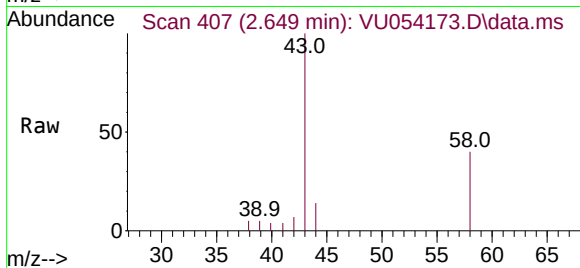
GBX01

Tgt Ion: 43 Resp: 12612

Ion Ratio Lower Upper

43 100

58 32.0 0.0 73.2



#30

Cyclohexane

Concen: 0.429 ug/L

RT: 5.379 min Scan# 1256

Delta R.T. -0.003 min

Lab File: VU054173.D

Acq: 18 May 2023 18:28

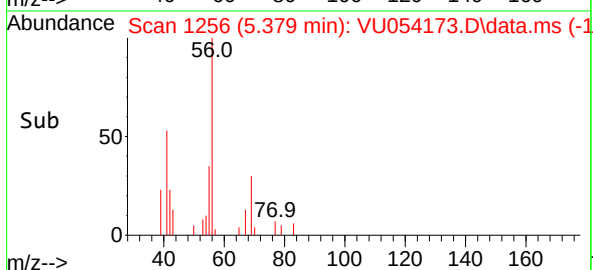
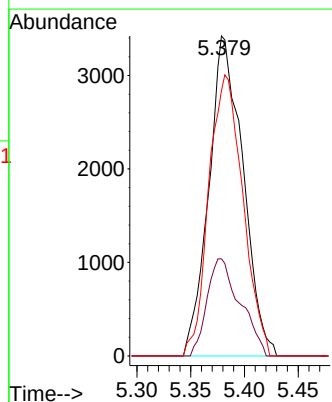
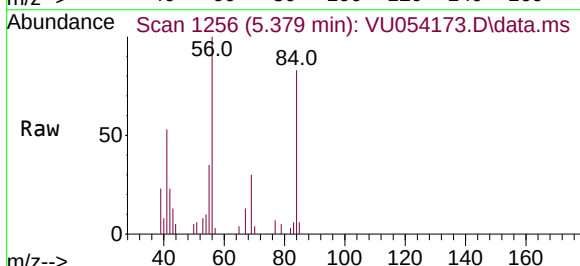
Tgt Ion: 56 Resp: 7542

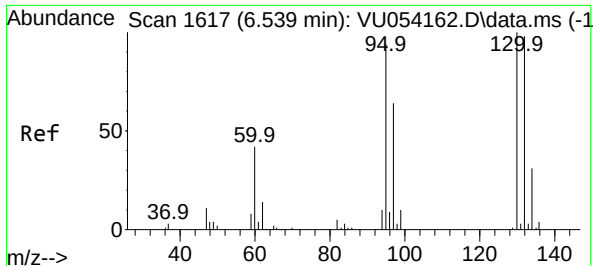
Ion Ratio Lower Upper

56 100

69 29.4 26.2 39.4

84 87.5 74.2 111.4





#34

Trichloroethene

Concen: 33.651 ug/L

RT: 6.536 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU054173.D

Acq: 18 May 2023 18:28

Instrument :

MSVOA_U

ClientSampleId :

GBX01

Tgt Ion: 95 Resp: 441523

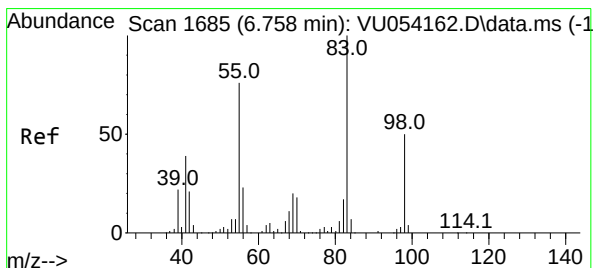
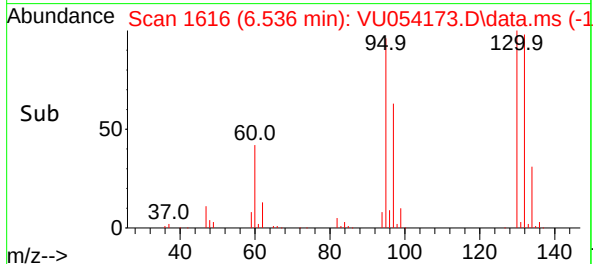
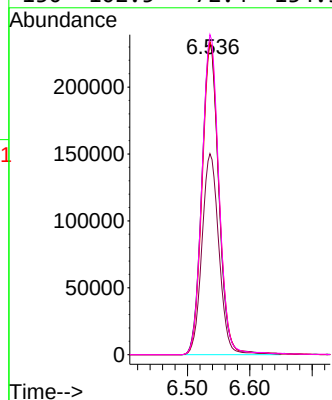
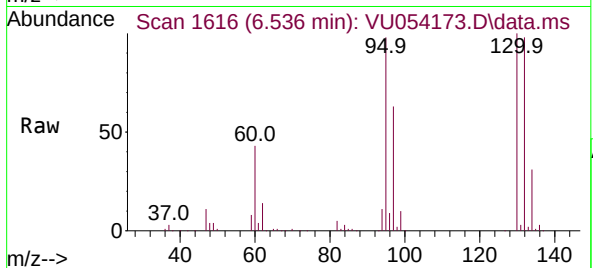
Ion Ratio Lower Upper

95 100

97 64.3 45.8 85.0

132 100.2 70.1 130.3

130 102.5 72.4 134.5



#35

Methylcyclohexane

Concen: 0.646 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.071 min

Lab File: VU054173.D

Acq: 18 May 2023 18:28

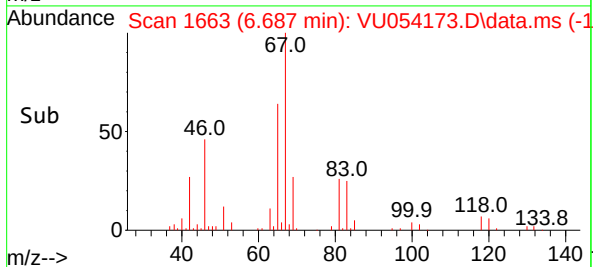
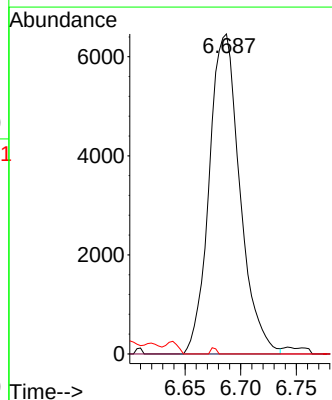
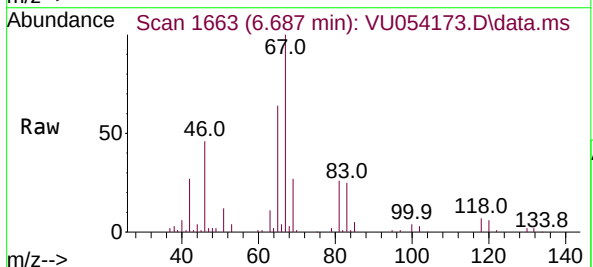
Tgt Ion: 83 Resp: 12399

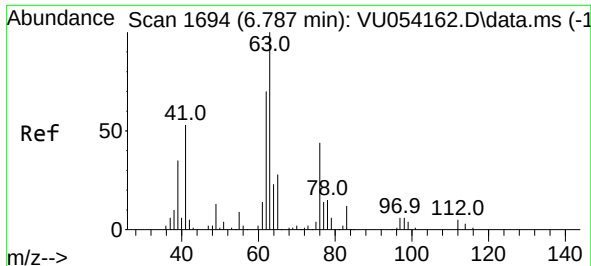
Ion Ratio Lower Upper

83 100

55 0.0 61.6 92.4#

98 5.7 41.3 61.9#





#37

1,2-Dichloropropane

Concen: 0.431 ug/L

RT: 6.684 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU054173.D

Acq: 18 May 2023 18:28

Instrument :

MSVOA_U

ClientSampleId :

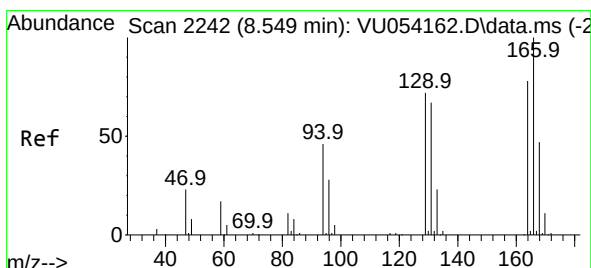
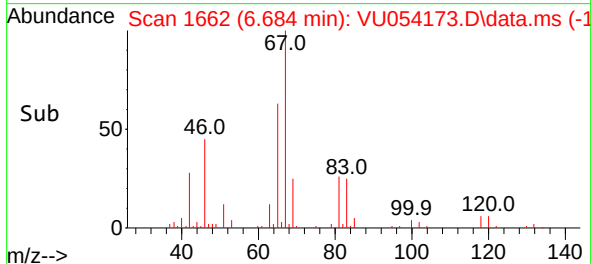
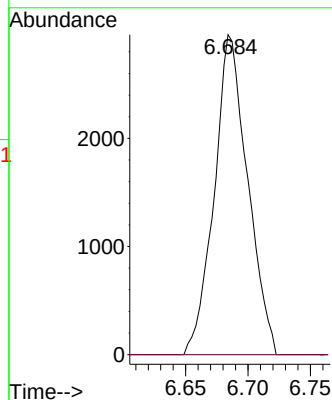
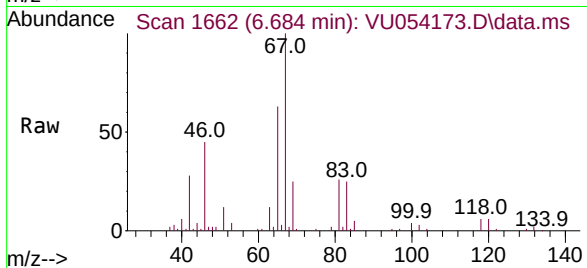
GBX01

Tgt Ion: 63 Resp: 5520

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#47

Tetrachloroethene

Concen: 0.235 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. 0.003 min

Lab File: VU054173.D

Acq: 18 May 2023 18:28

Tgt Ion: 164 Resp: 2534

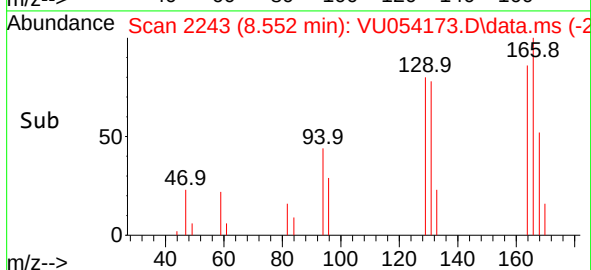
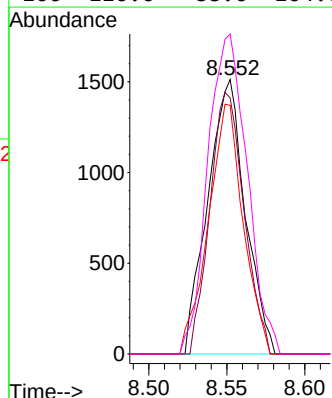
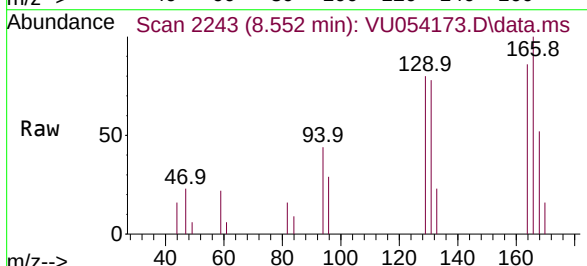
Ion Ratio Lower Upper

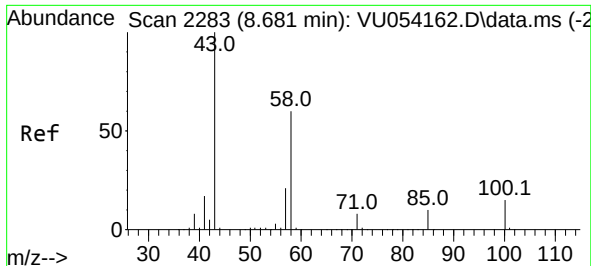
164 100

129 93.3 63.3 117.7

131 90.6 61.0 113.4

166 116.6 88.6 164.6

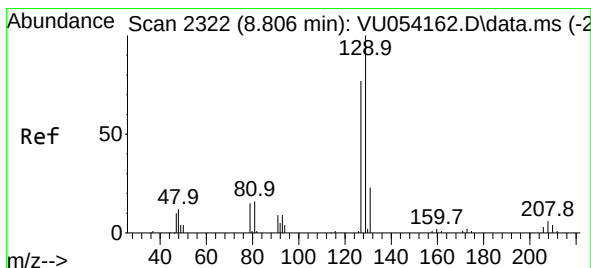
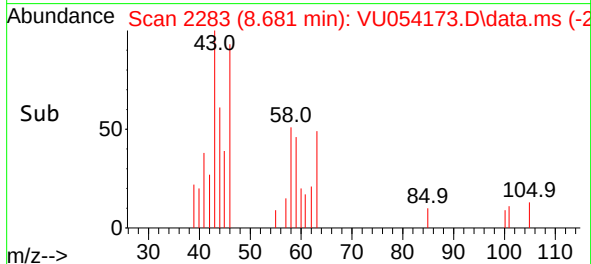
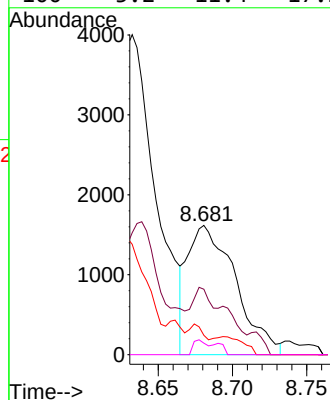
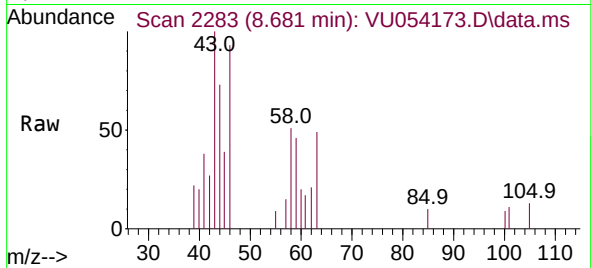




#48
2-Hexanone
Concen: 0.737 ug/L
RT: 8.681 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054173.D
Acq: 18 May 2023 18:28

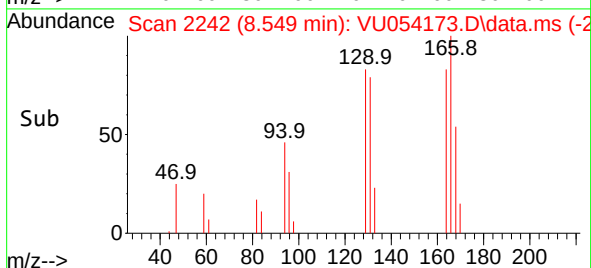
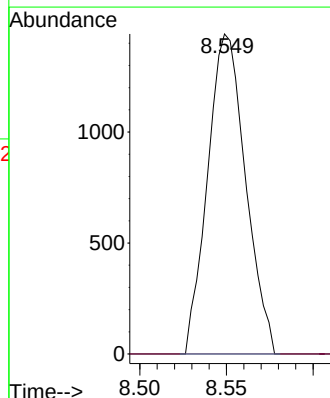
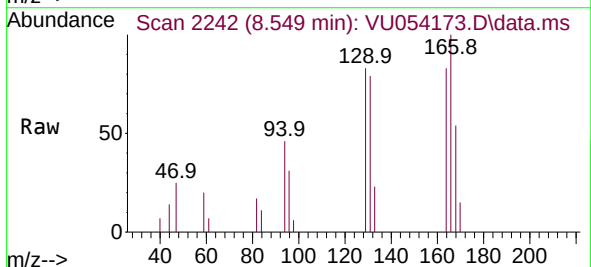
Instrument :
MSVOA_U
ClientSampleId :
GBX01

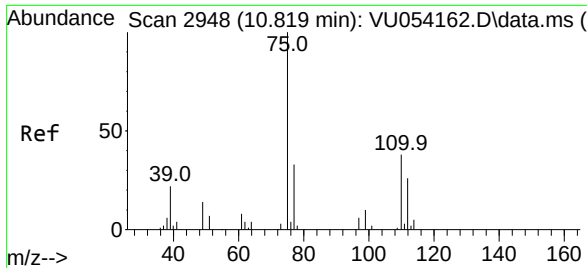
Tgt Ion: 43	Resp:	3633
Ion	Ratio	Lower Upper
43	100	
58	25.4	48.6 72.8#
57	7.8	16.7 25.1#
100	3.2	11.4 17.2#



#49
Dibromochloromethane
Concen: 0.213 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.257 min
Lab File: VU054173.D
Acq: 18 May 2023 18:28

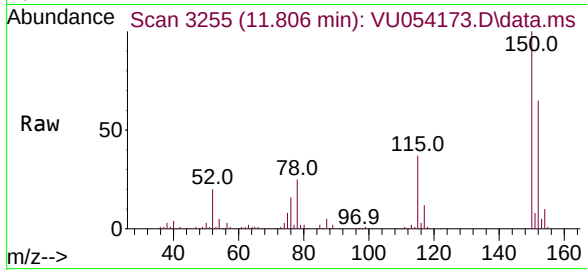
Tgt Ion: 129	Resp:	2198
Ion	Ratio	Lower Upper
129	100	
127	0.0	53.6 99.6#





#61
 1,2,3-Trichloropropane
 Concen: 1.398 ug/L
 RT: 11.806 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU054173.D
 Acq: 18 May 2023 18:28

Instrument :
 MSVOA_U
 ClientSampleId :
 GBX01



Tgt Ion:	75	Resp:	9991
Ion	Ratio	Lower	Upper
75	100		
110	0.7	32.3	48.5#
77	30.9	26.3	39.5

