

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122922\
 Data File : VU052608.D
 Acq On : 29 Dec 2022 16:43
 Operator : JC/MD
 Sample : N6216-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AB2

Quant Time: Dec 30 00:59:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 30 00:58:31 2022
 Response via : Initial Calibration

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

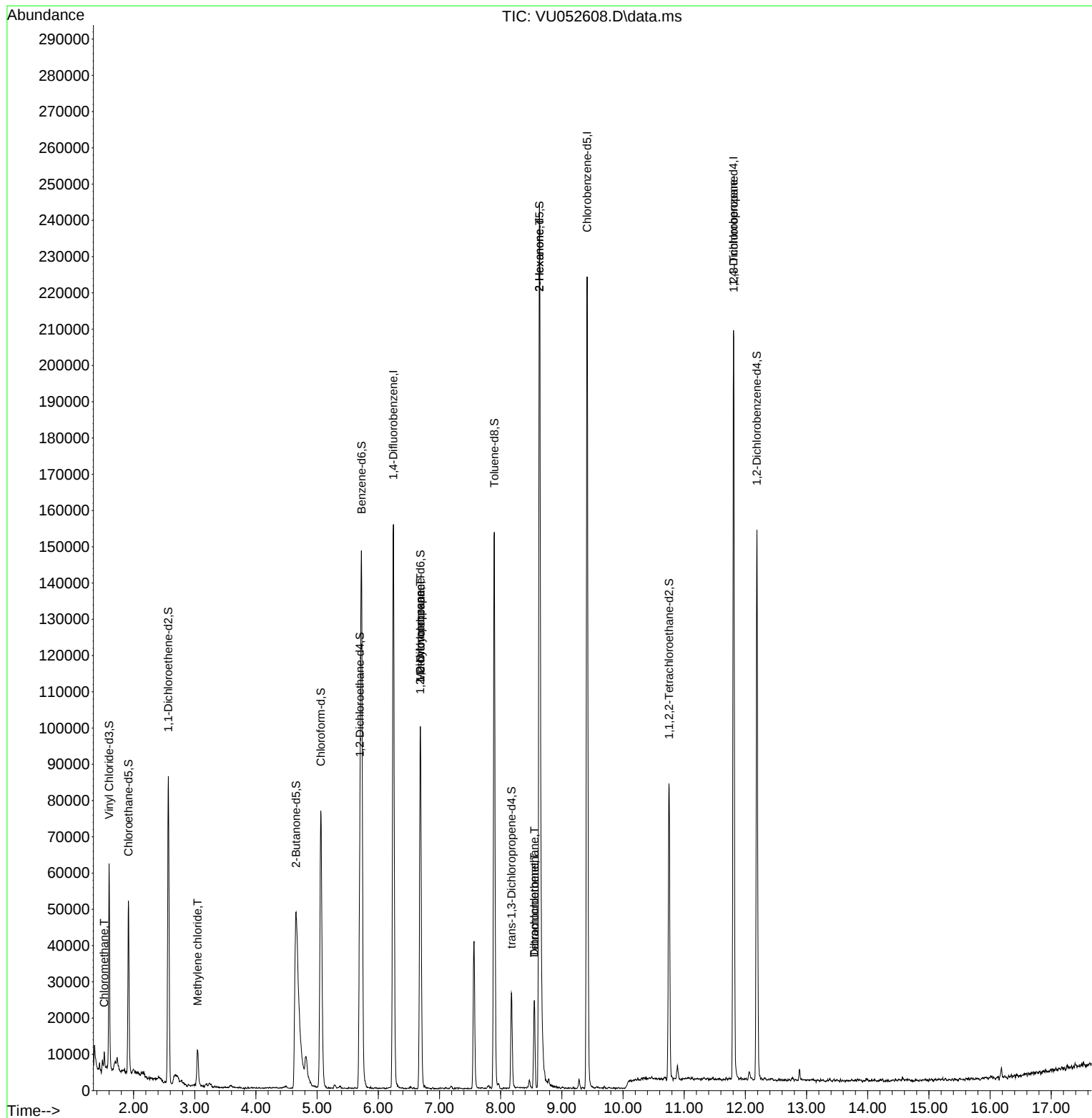
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	119177	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	118181	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	52822	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	37475	3.104	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.000%
7) Chloroethane-d5	1.916	69	35479	3.407	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	68.200%
11) 1,1-Dichloroethene-d2	2.568	65	16468	3.170	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.400%
20) 2-Butanone-d5	4.655	46	142665	38.103	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.200%
24) Chloroform-d	5.060	84	70822	3.477	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	69.600%#
26) 1,2-Dichloroethane-d4	5.700	65	43537	3.685	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.600%
32) Benzene-d6	5.726	84	133054	3.284	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	65.600%#
36) 1,2-Dichloropropane-d6	6.687	67	49859	3.575	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	71.400%
41) Toluene-d8	7.896	98	98657	2.900	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	58.000%#
43) trans-1,3-Dichloroprop...	8.176	79	15811	3.310	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.200%
46) 2-Hexanone-d5	8.632	63	84386	32.295	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	64.580%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	43383	3.664	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	73.200%
66) 1,2-Dichlorobenzene-d4	12.188	152	37122	3.452	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	69.000%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	3068	0.200	ug/L	92
16) Methylene chloride	3.044	84	4541	0.360	ug/L	88
35) Methylcyclohexane	6.687	83	10601	0.706	ug/L #	14
37) 1,2-Dichloropropane	6.684	63	5413	0.456	ug/L #	88
47) Tetrachloroethene	8.552	164	5544	0.798	ug/L	93
48) 2-Hexanone	8.632	43	11785	1.801	ug/L #	84
49) Dibromochloromethane	8.552	129	5241	0.588	ug/L #	11
61) 1,2,3-Trichloropropane	11.809	75	7103	0.938	ug/L #	68

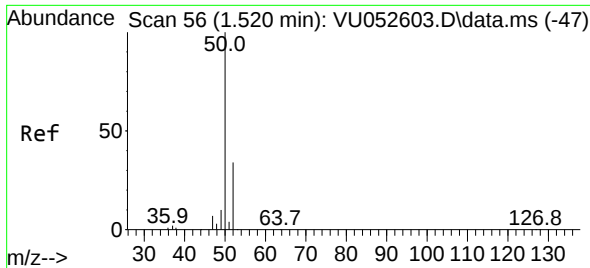
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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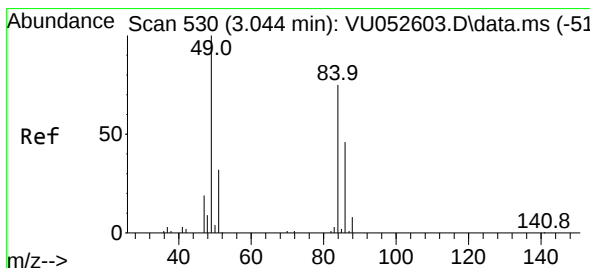
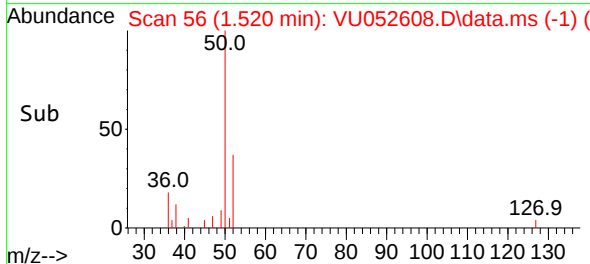
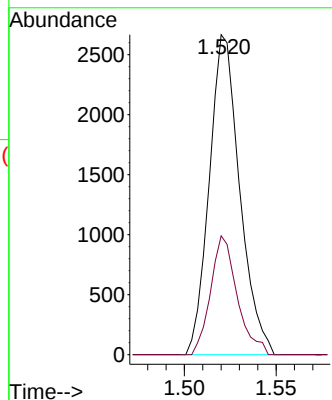
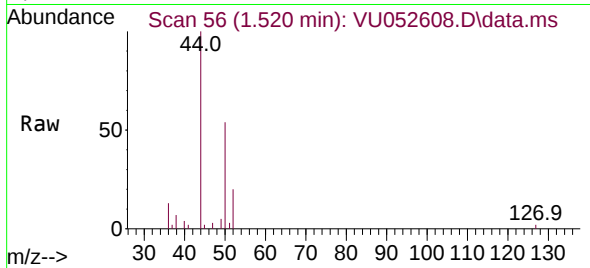




#3
Chloromethane
Concen: 0.200 ug/L
RT: 1.520 min Scan# 50
Delta R.T. -0.000 min
Lab File: VU052608.D
Acq: 29 Dec 2022 16:43

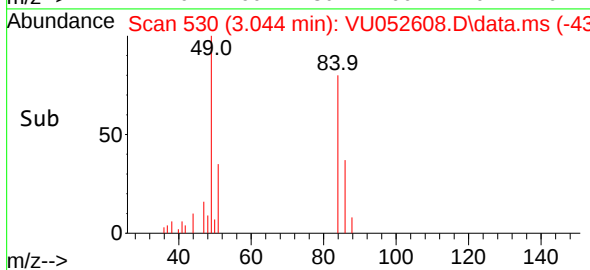
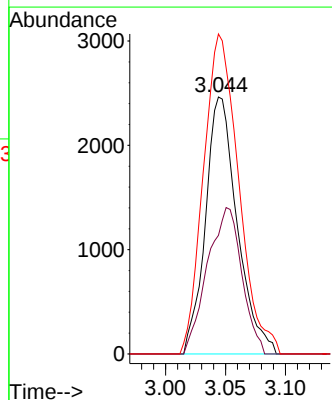
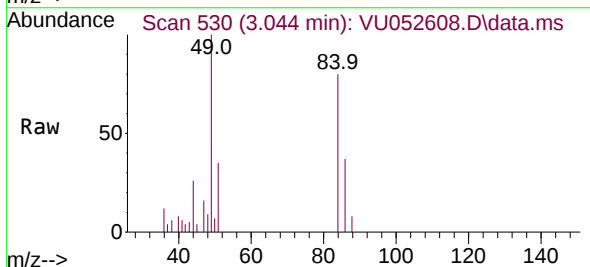
Instrument :
MSVOA_U
ClientSampleId :
H0AB2

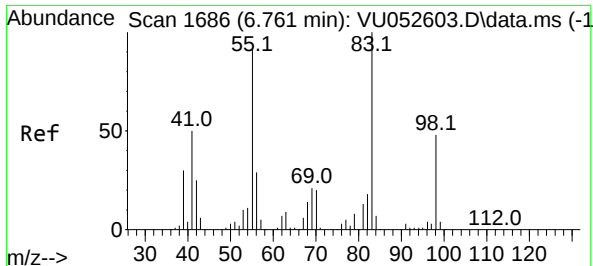
Tgt Ion: 50 Resp: 3068
Ion Ratio Lower Upper
50 100
52 37.2 23.0 42.6



#16
Methylene chloride
Concen: 0.360 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU052608.D
Acq: 29 Dec 2022 16:43

Tgt Ion: 84 Resp: 4541
Ion Ratio Lower Upper
84 100
86 46.1 44.7 83.1
49 124.5 93.3 173.3





#35

Methylcyclohexane

Concen: 0.706 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU052608.D

Acq: 29 Dec 2022 16:43

Instrument :

MSVOA_U

ClientSampleId :

H0AB2

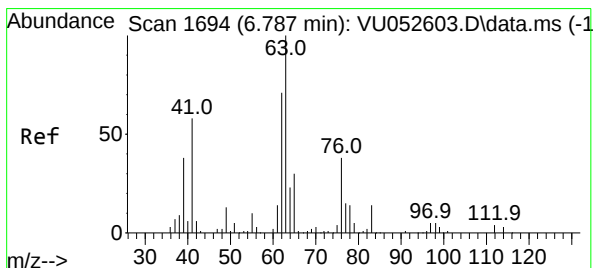
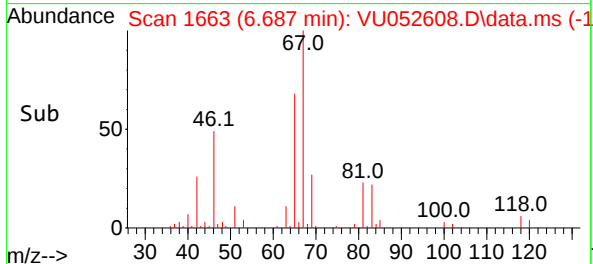
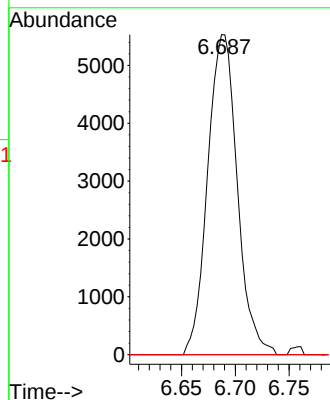
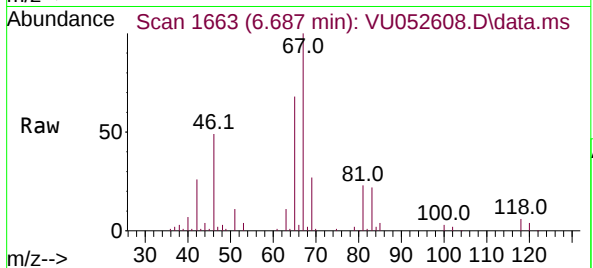
Tgt Ion: 83 Resp: 10601

Ion Ratio Lower Upper

83 100

55 0.0 71.4 107.0#

98 0.0 36.5 54.7#



#37

1,2-Dichloropropane

Concen: 0.456 ug/L

RT: 6.684 min Scan# 1662

Delta R.T. -0.103 min

Lab File: VU052608.D

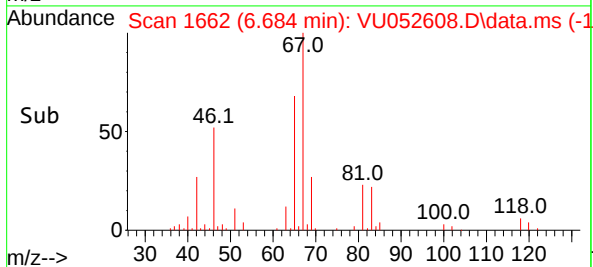
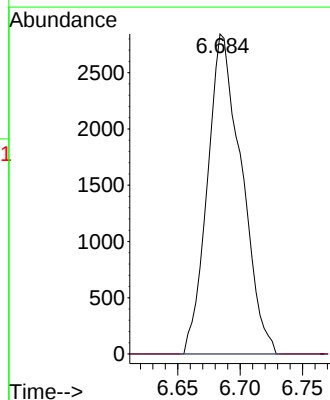
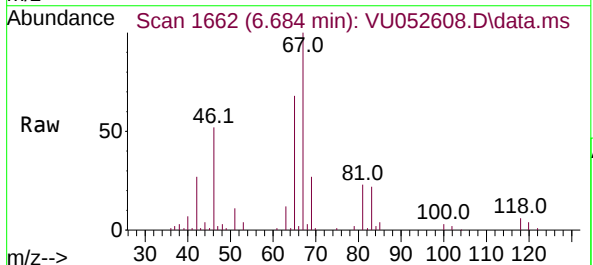
Acq: 29 Dec 2022 16:43

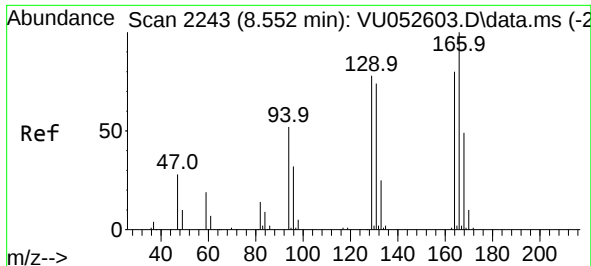
Tgt Ion: 63 Resp: 5413

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#

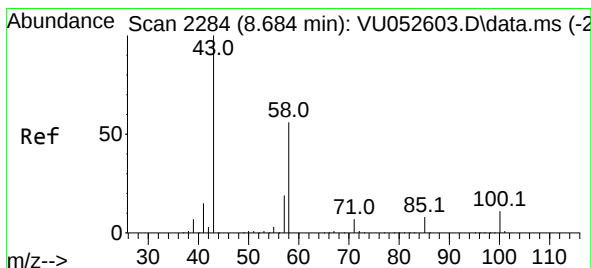
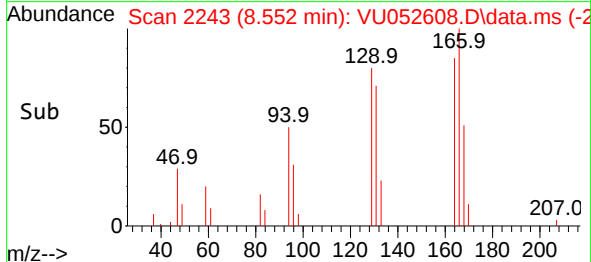
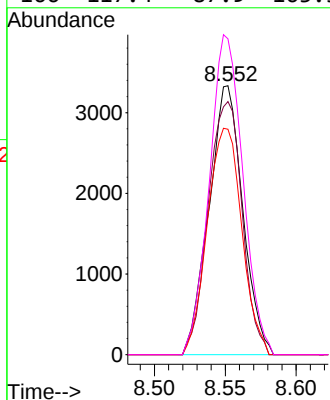
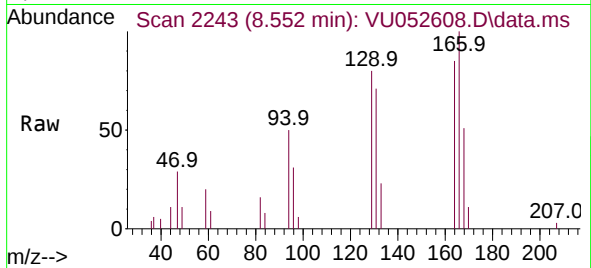




#47
Tetrachloroethene
Concen: 0.798 ug/L
RT: 8.552 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU052608.D
Acq: 29 Dec 2022 16:43

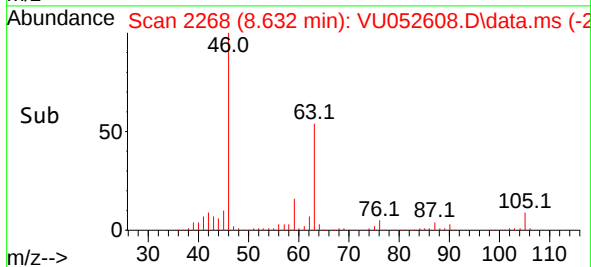
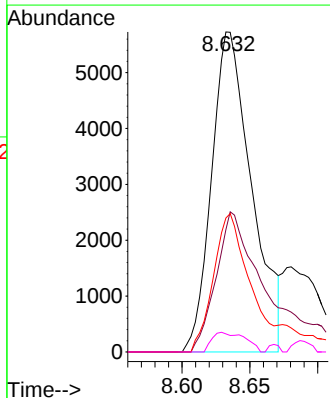
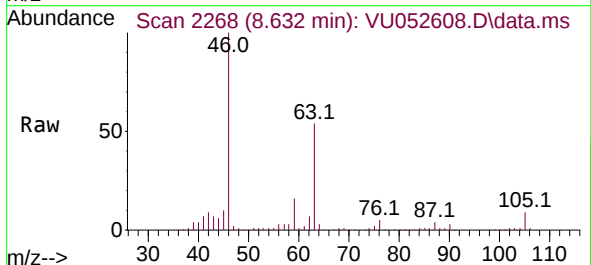
Instrument :
MSVOA_U
ClientSampleId :
H0AB2

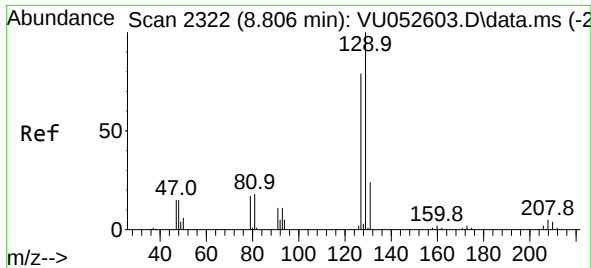
Tgt Ion:164	Resp:	5544
Ion	Ratio	Lower Upper
164	100	
129	94.1	68.1 126.5
131	83.8	66.5 123.5
166	117.4	87.9 163.3



#48
2-Hexanone
Concen: 1.801 ug/L
RT: 8.632 min Scan# 2268
Delta R.T. -0.052 min
Lab File: VU052608.D
Acq: 29 Dec 2022 16:43

Tgt Ion: 43	Resp:	11785
Ion	Ratio	Lower Upper
43	100	
58	55.5	44.1 66.1
57	46.1	14.6 21.8#
100	5.1	8.5 12.7#

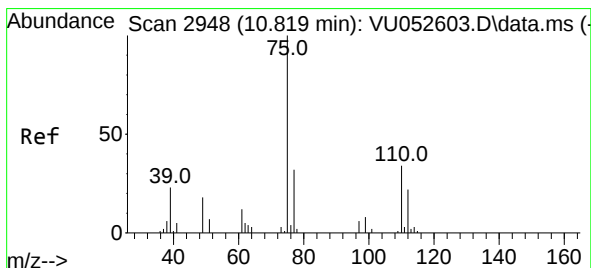
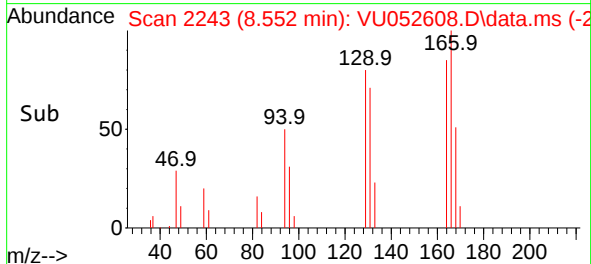
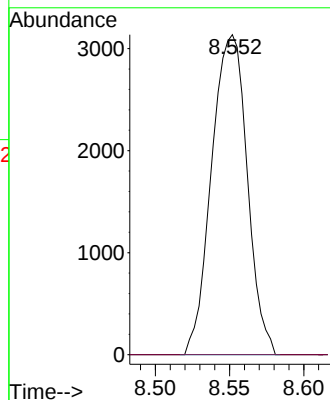
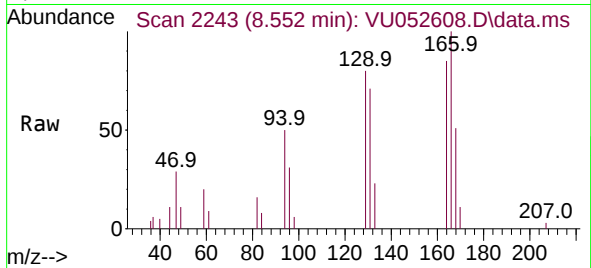




#49
Dibromochloromethane
Concen: 0.588 ug/L
RT: 8.552 min Scan# 21
Delta R.T. -0.254 min
Lab File: VU052608.D
Acq: 29 Dec 2022 16:43

Instrument :
MSVOA_U
ClientSampleId :
H0AB2

Tgt Ion:129 Resp: 5241
Ion Ratio Lower Upper
129 100
127 0.0 54.2 100.6#



#61
1,2,3-Trichloropropane
Concen: 0.938 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.990 min
Lab File: VU052608.D
Acq: 29 Dec 2022 16:43

Tgt Ion: 75 Resp: 7103
Ion Ratio Lower Upper
75 100
110 1.5 27.9 41.9#
77 30.3 25.9 38.9

