

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061623\
 Data File : VU054563.D
 Acq On : 16 Jun 2023 10:57
 Operator : MD/SY
 Sample : 03253-15DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXYW9DL

Quant Time: Jun 17 06:12:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 17 06:10:25 2023
 Response via : Initial Calibration

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

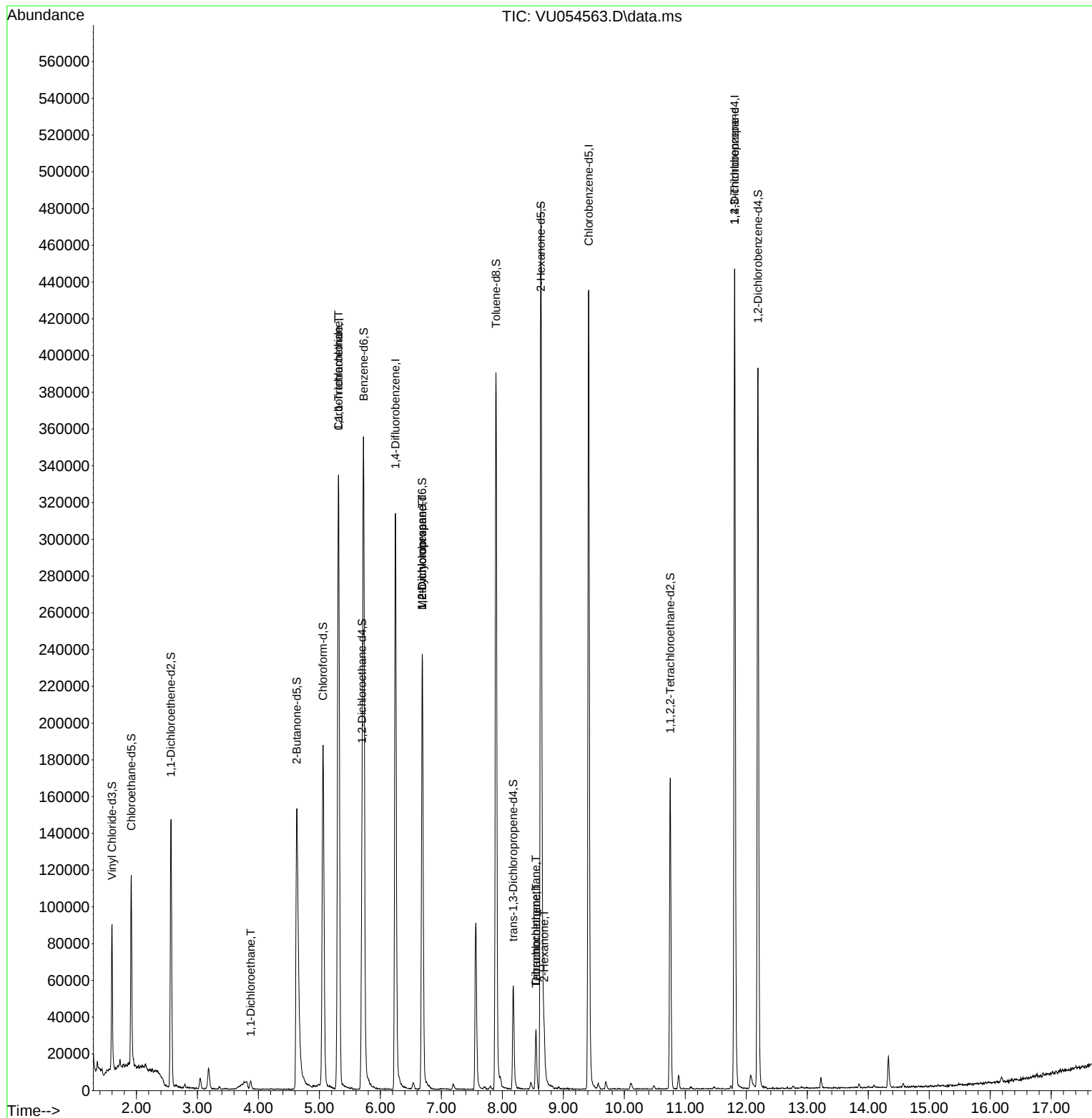
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	261381	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	249811	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	123238	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	59052	3.550	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.000%
7) Chloroethane-d5	1.914	69	78342	5.030	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.600%
11) 1,1-Dichloroethene-d2	2.563	65	27850	3.749	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.000%
20) 2-Butanone-d5	4.628	46	245501	52.492	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.980%
24) Chloroform-d	5.059	84	176225	5.068	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.400%
26) 1,2-Dichloroethane-d4	5.698	65	88494	5.221	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.400%
32) Benzene-d6	5.724	84	327832	4.721	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
36) 1,2-Dichloropropane-d6	6.685	67	119395	5.148	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.000%
41) Toluene-d8	7.894	98	273852	4.444	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
43) trans-1,3-Dichloroprop...	8.177	79	34647	4.296	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.000%
46) 2-Hexanone-d5	8.631	63	166451	49.196	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.400%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	89030	5.148	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	107952	5.193	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.800%
Target Compounds						Qvalue
19) 1,1-Dichloroethane	3.872	63	5793	0.143	ug/L	89
29) 1,1,1-Trichloroethane	5.313	97	243485	7.188	ug/L	98
31) Carbon tetrachloride	5.313	117	32603	1.117	ug/L	97
35) Methylcyclohexane	6.685	83	27136	0.756	ug/L #	16
37) 1,2-Dichloropropane	6.685	63	12332	0.508	ug/L #	91
47) Tetrachloroethene	8.554	164	7582	0.417	ug/L	89
48) 2-Hexanone	8.685	43	13242	1.372	ug/L #	94
49) Dibromochloromethane	8.550	129	7237	0.446	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	14577	1.170	ug/L #	71

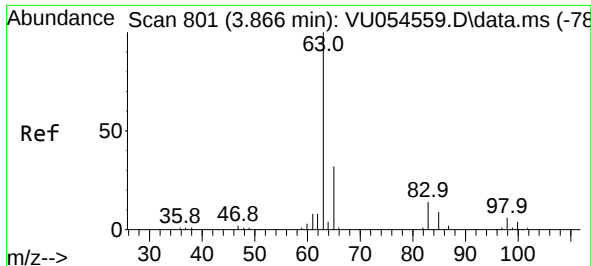
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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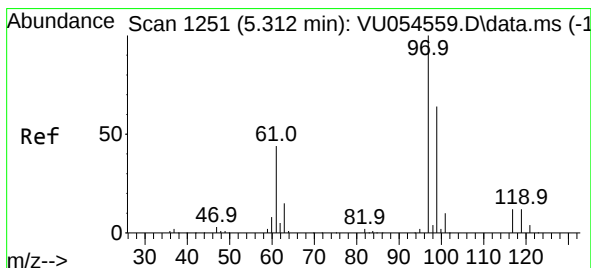
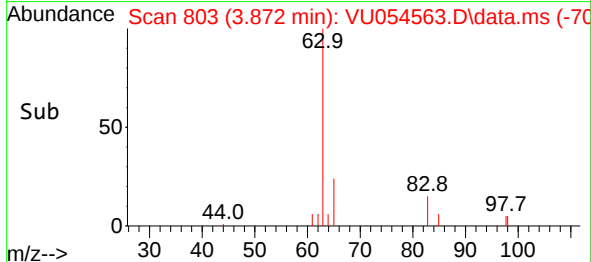
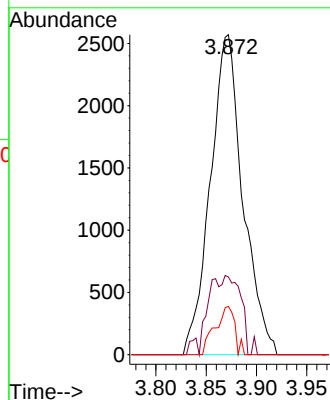
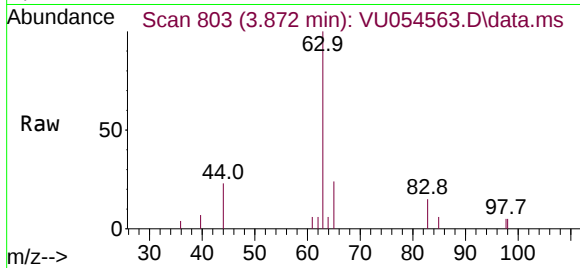




#19
1,1-Dichloroethane
Concen: 0.143 ug/L
RT: 3.872 min Scan# 801
Delta R.T. 0.006 min
Lab File: VU054563.D
Acq: 16 Jun 2023 10:57

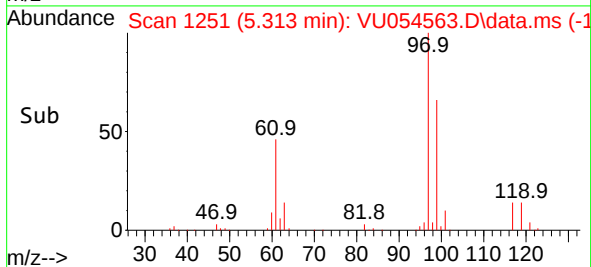
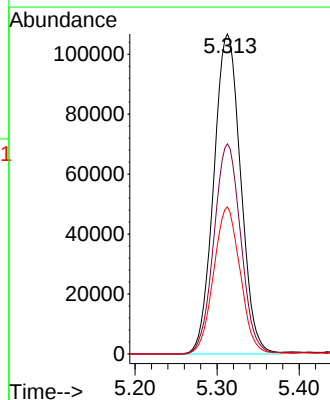
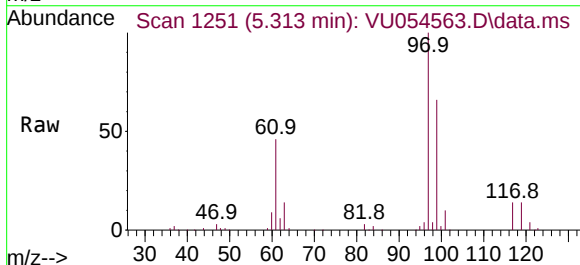
Instrument :
MSVOA_U
ClientSampleId :
EXYW9DL

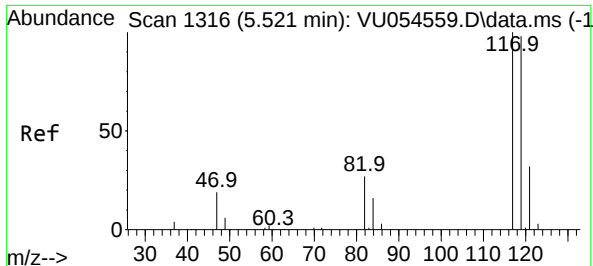
Tgt Ion: 63 Resp: 5793
Ion Ratio Lower Upper
63 100
65 24.3 22.2 41.2
83 15.1 9.0 16.6



#29
1,1,1-Trichloroethane
Concen: 7.188 ug/L
RT: 5.313 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VU054563.D
Acq: 16 Jun 2023 10:57

Tgt Ion: 97 Resp: 243485
Ion Ratio Lower Upper
97 100
99 65.7 50.8 76.2
61 45.5 36.1 54.1

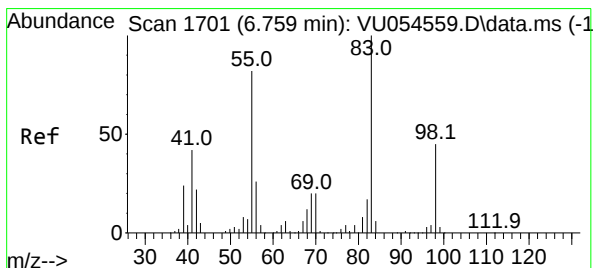
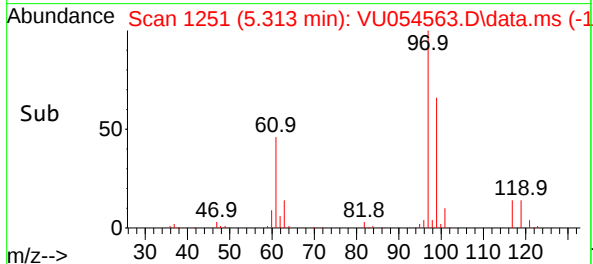
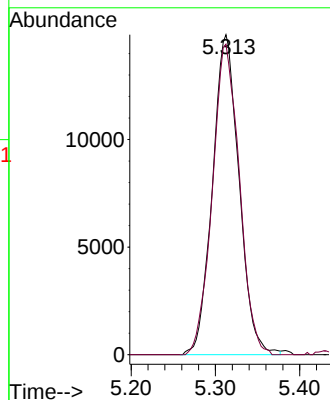
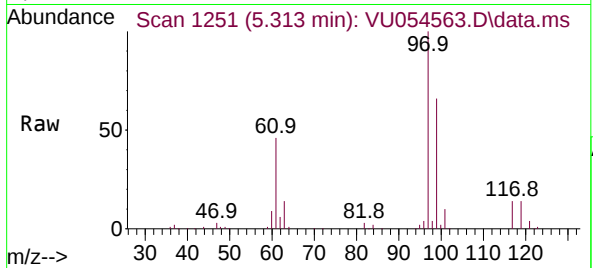




#31
Carbon tetrachloride
Concen: 1.117 ug/L
RT: 5.313 min Scan# 11
Delta R.T. -0.209 min
Lab File: VU054563.D
Acq: 16 Jun 2023 10:57

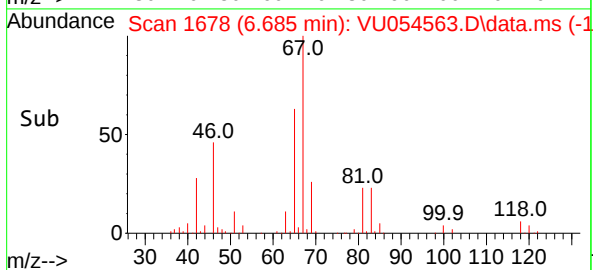
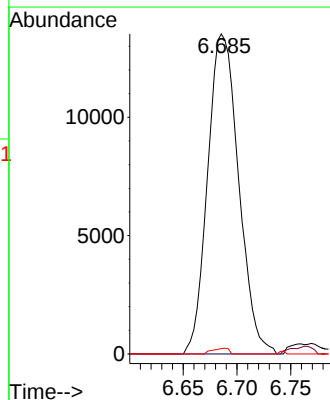
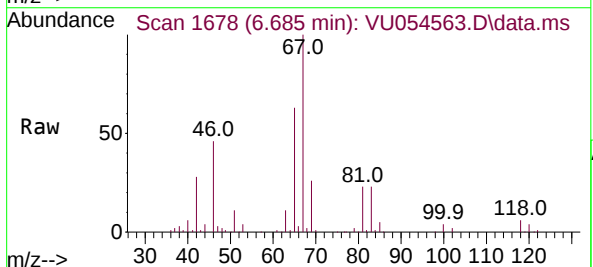
Instrument :
MSVOA_U
ClientSampleId :
EXYW9DL

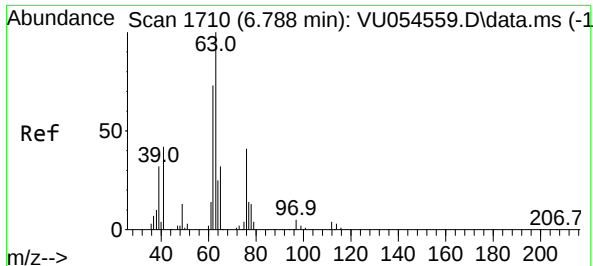
Tgt Ion:117 Resp: 32603
Ion Ratio Lower Upper
117 100
119 98.6 76.8 115.2



#35
Methylcyclohexane
Concen: 0.756 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU054563.D
Acq: 16 Jun 2023 10:57

Tgt Ion: 83 Resp: 27136
Ion Ratio Lower Upper
83 100
55 0.0 67.1 100.7#
98 0.9 35.1 52.7#





#37

1,2-Dichloropropane

Concen: 0.508 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU054563.D

Acq: 16 Jun 2023 10:57

Instrument :

MSVOA_U

ClientSampleId :

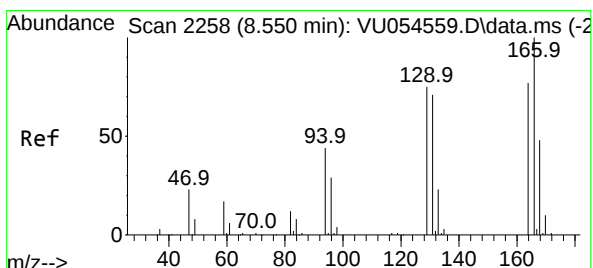
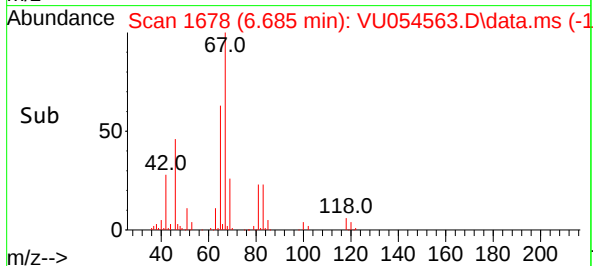
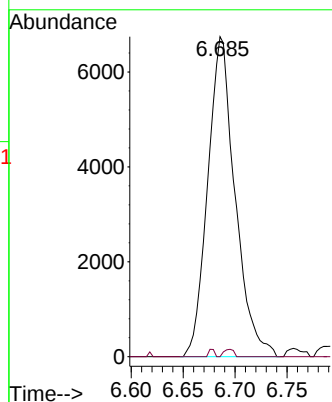
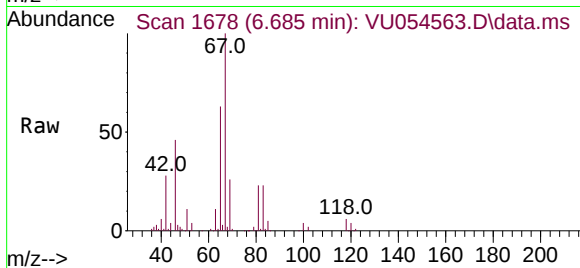
EXYW9DL

Tgt Ion: 63 Resp: 12332

Ion Ratio Lower Upper

63 100

112 0.8 3.0 4.6#



#47

Tetrachloroethene

Concen: 0.417 ug/L

RT: 8.554 min Scan# 2259

Delta R.T. 0.003 min

Lab File: VU054563.D

Acq: 16 Jun 2023 10:57

Tgt Ion: 164 Resp: 7582

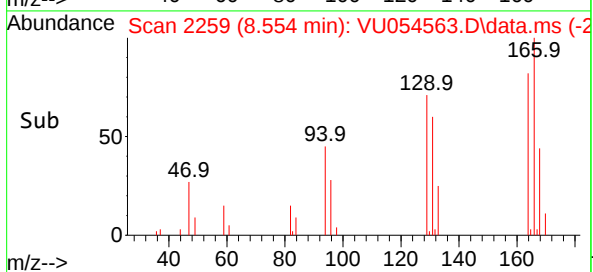
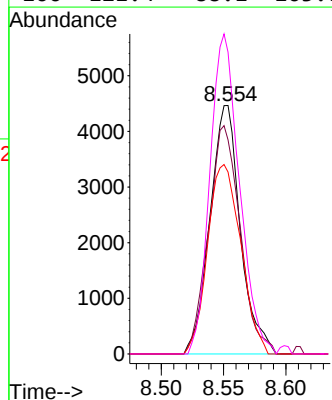
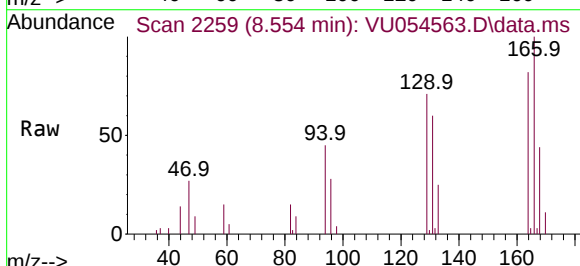
Ion Ratio Lower Upper

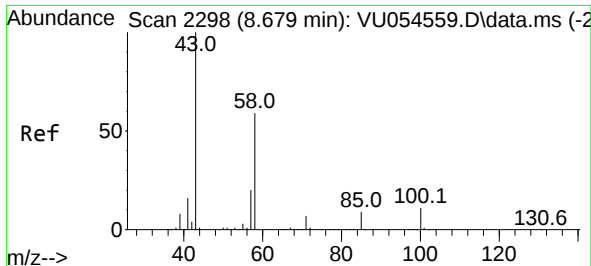
164 100

129 86.1 67.7 125.7

131 73.2 64.6 120.0

166 121.4 88.1 163.7

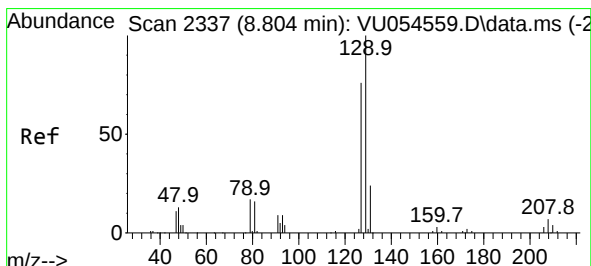
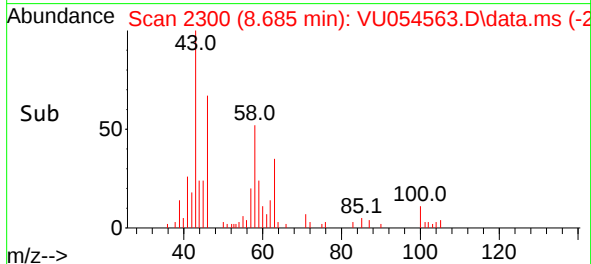
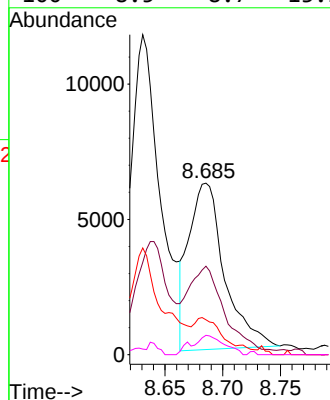
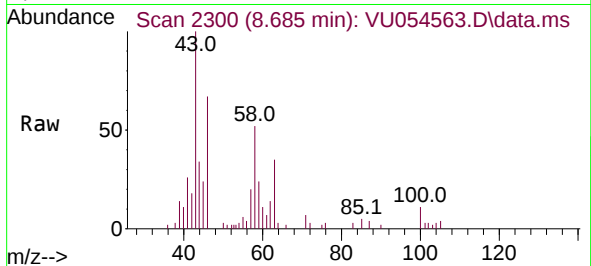




#48
2-Hexanone
Concen: 1.372 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU054563.D
Acq: 16 Jun 2023 10:57

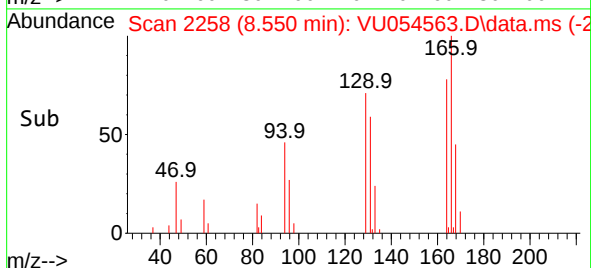
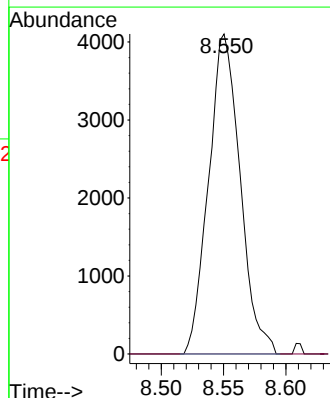
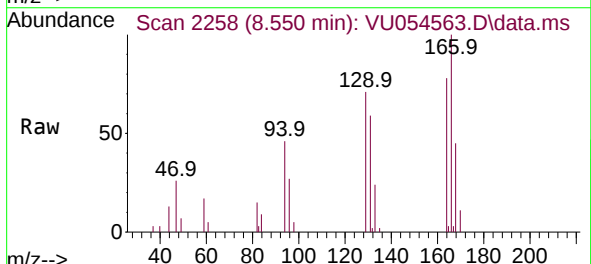
Instrument :
MSVOA_U
ClientSampleId :
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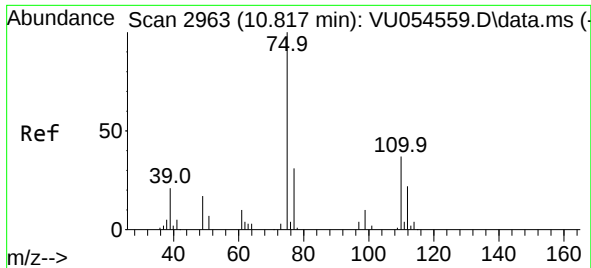
Tgt Ion: 43	Resp: 13242
Ion Ratio	Lower Upper
43 100	
58 51.0	45.2 67.8
57 18.4	15.8 23.6
100 8.5	8.7 13.1#



#49
Dibromochloromethane
Concen: 0.446 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.254 min
Lab File: VU054563.D
Acq: 16 Jun 2023 10:57

Tgt Ion:129	Resp:	7237	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.2	98.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.170 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU054563.D
 Acq: 16 Jun 2023 10:57

Instrument :
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Tgt Ion: 75 Resp: 14577
 Ion Ratio Lower Upper
 75 100
 110 3.5 28.0 42.0#
 77 32.1 25.4 38.2

