

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061323\
 Data File : VU054509.D
 Acq On : 13 Jun 2023 14:29
 Operator : MD/SY
 Sample : 03104-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CONR1

Quant Time: Jun 14 00:09:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 14 00:05:43 2023
 Response via : Initial Calibration

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

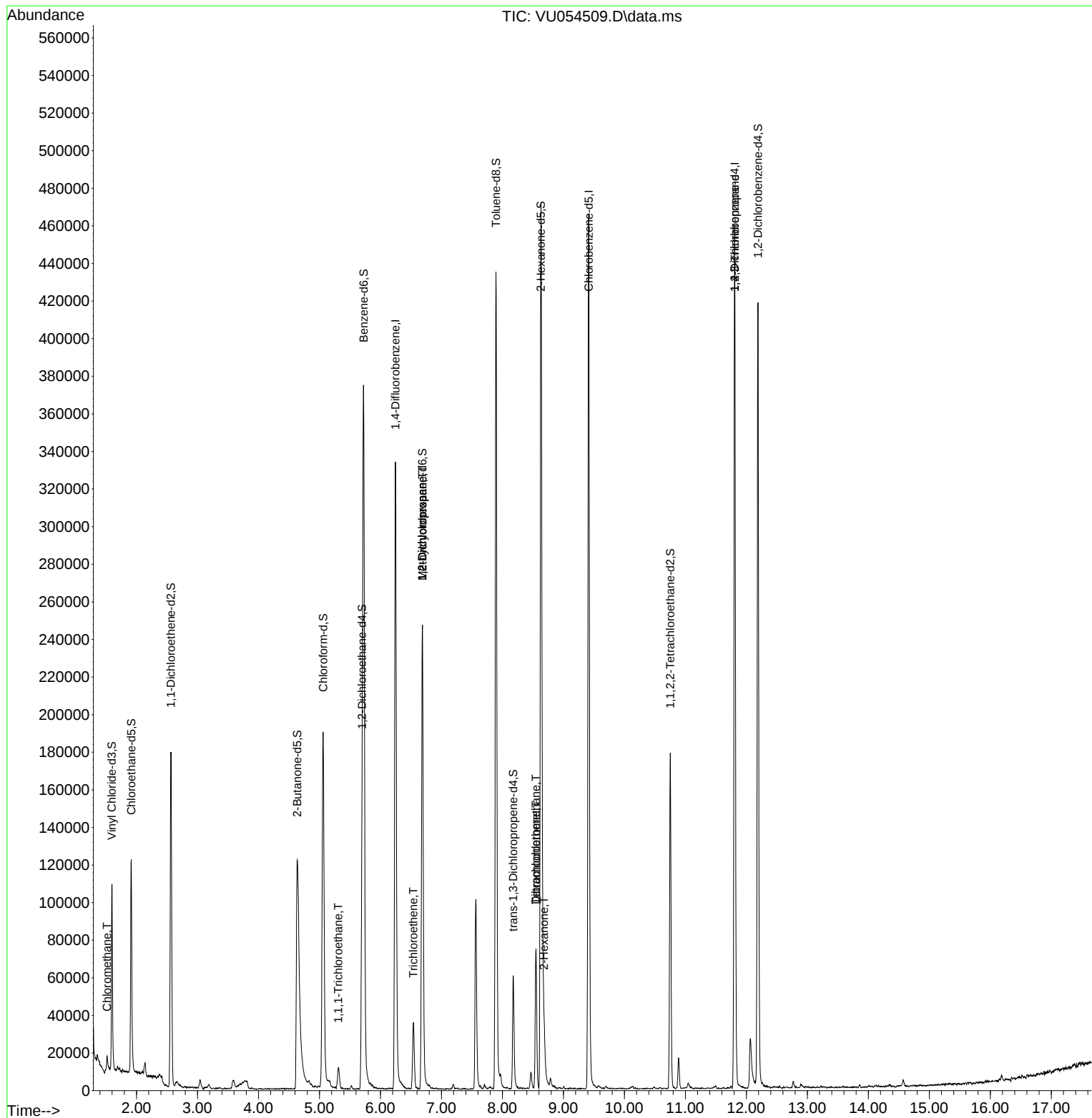
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	276364	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	262585	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	127954	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	75754	4.307	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.200%
7) Chloroethane-d5	1.914	69	89400	5.429	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.600%
11) 1,1-Dichloroethene-d2	2.563	65	35318	4.496	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.000%
20) 2-Butanone-d5	4.634	46	255196	51.606	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.220%
24) Chloroform-d	5.062	84	180405	4.907	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
26) 1,2-Dichloroethane-d4	5.698	65	91141	5.086	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
32) Benzene-d6	5.724	84	355943	4.876	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
36) 1,2-Dichloropropane-d6	6.689	67	125572	5.151	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.000%
41) Toluene-d8	7.894	98	294757	4.550	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
43) trans-1,3-Dichloroprop...	8.177	79	35359	4.171	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.400%
46) 2-Hexanone-d5	8.631	63	165519	46.541	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.080%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	90637	4.986	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	109901	5.092	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	5015	0.169	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	8642	0.243	ug/L	97
34) Trichloroethene	6.541	95	12765	0.512	ug/L	95
35) Methylcyclohexane	6.689	83	27228	0.722	ug/L #	16
37) 1,2-Dichloropropane	6.689	63	12536	0.491	ug/L #	89
47) Tetrachloroethene	8.550	164	17588	0.921	ug/L	94
48) 2-Hexanone	8.682	43	14278	1.407	ug/L #	47
49) Dibromochloromethane	8.550	129	16131	0.946	ug/L #	11
61) 1,2,3-Trichloropropane	11.810	75	15573	1.204	ug/L #	70

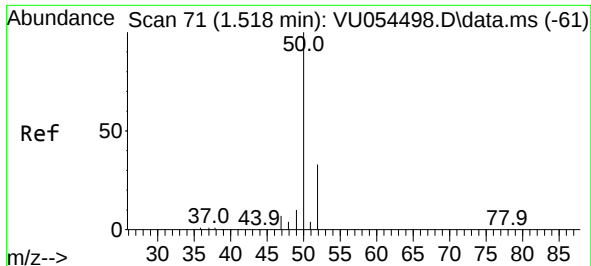
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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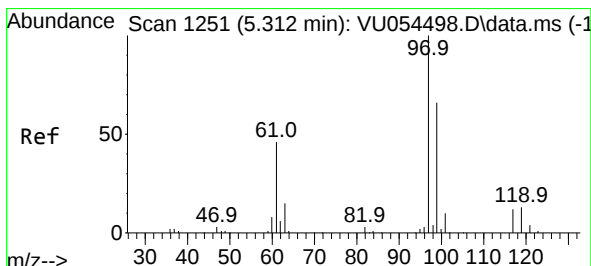
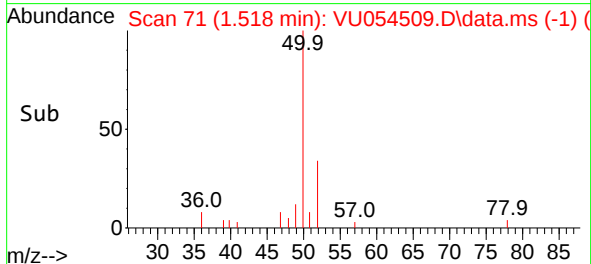
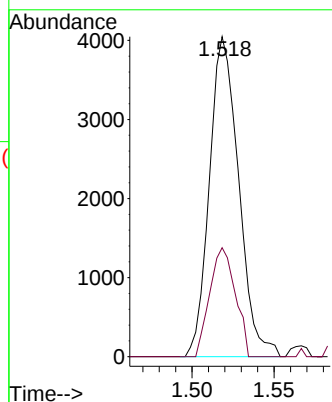
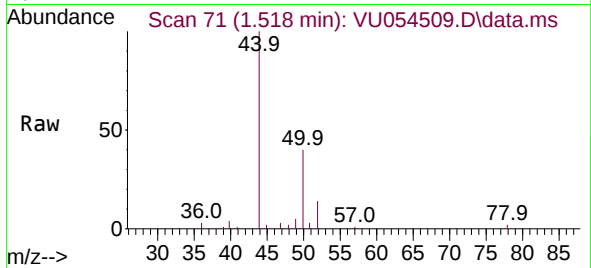




#3
Chloromethane
Concen: 0.169 ug/L
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU054509.D
Acq: 13 Jun 2023 14:29

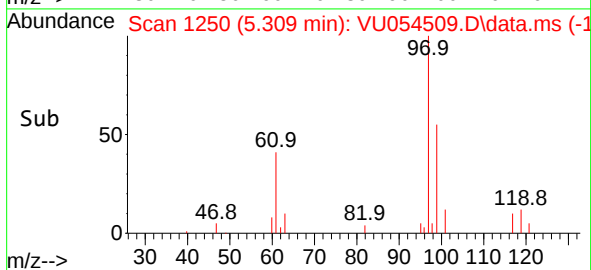
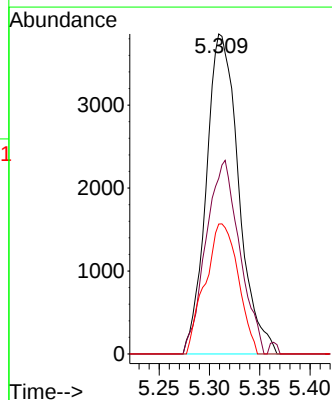
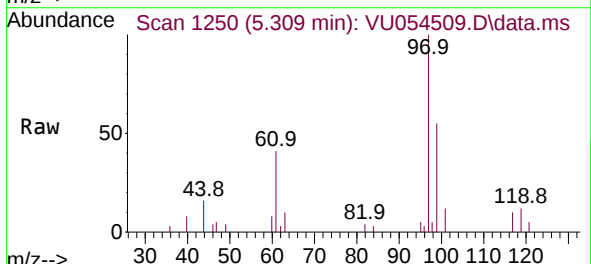
Instrument :
MSVOA_U
ClientSampleId :
CONR1

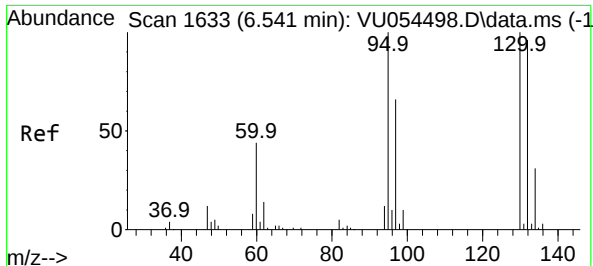
Tgt Ion: 50 Resp: 5015
Ion Ratio Lower Upper
50 100
52 34.1 23.4 43.4



#29
1,1,1-Trichloroethane
Concen: 0.243 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. -0.003 min
Lab File: VU054509.D
Acq: 13 Jun 2023 14:29

Tgt Ion: 97 Resp: 8642
Ion Ratio Lower Upper
97 100
99 62.7 50.8 76.2
61 41.4 36.1 54.1



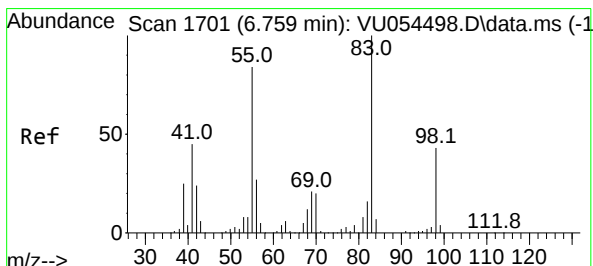
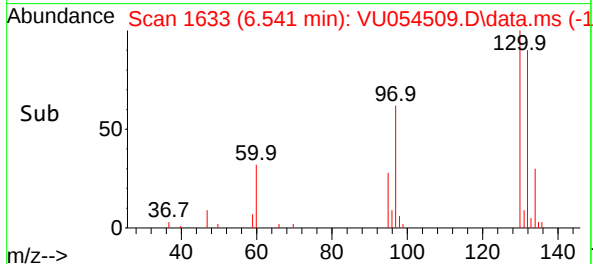
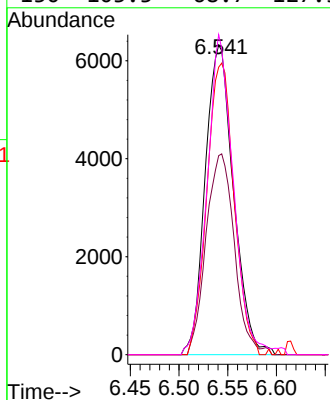
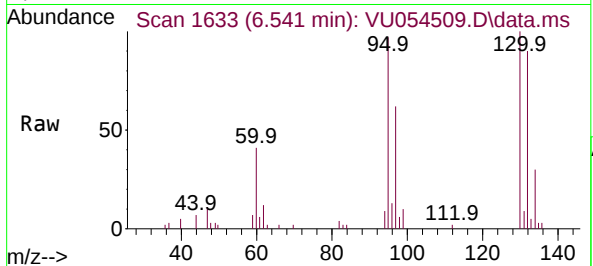


#34
Trichloroethene
Concen: 0.512 ug/L
RT: 6.541 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VU054509.D
Acq: 13 Jun 2023 14:29

Instrument :
MSVOA_U
ClientSampleId :
CONR1

Tgt Ion: 95 Resp: 12765

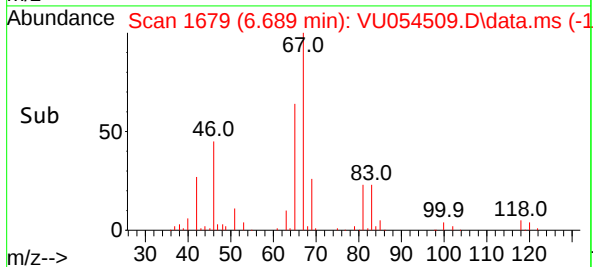
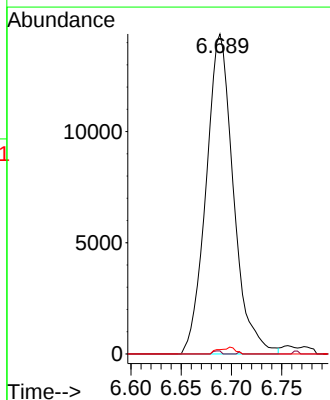
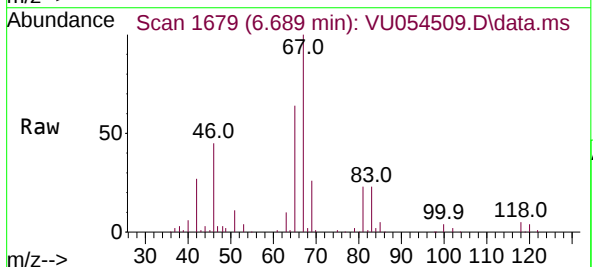
Ion	Ratio	Lower	Upper
95	100		
97	64.3	46.8	87.0
132	92.8	68.4	127.0
130	103.3	68.7	127.5

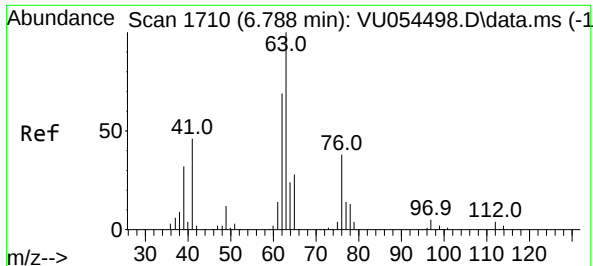


#35
Methylcyclohexane
Concen: 0.722 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU054509.D
Acq: 13 Jun 2023 14:29

Tgt Ion: 83 Resp: 27228

Ion	Ratio	Lower	Upper
83	100		
55	0.3	67.1	100.7#
98	0.0	35.1	52.7#

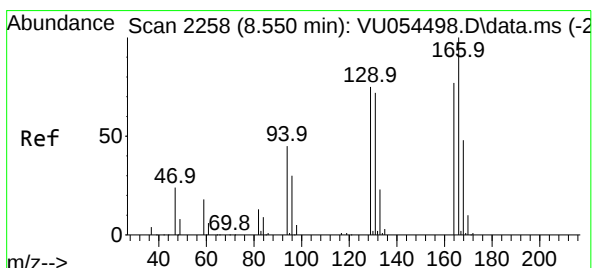
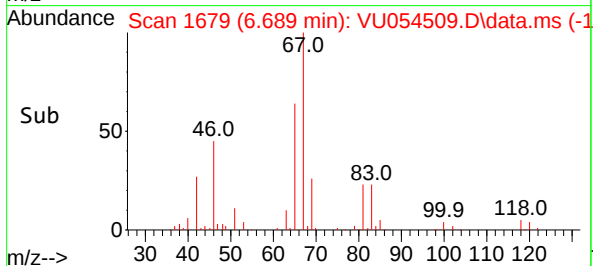
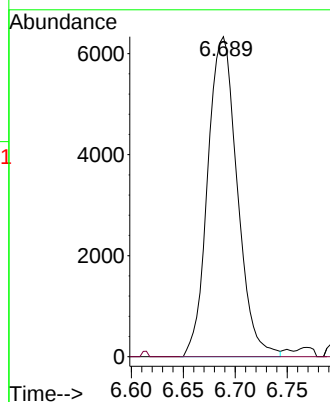
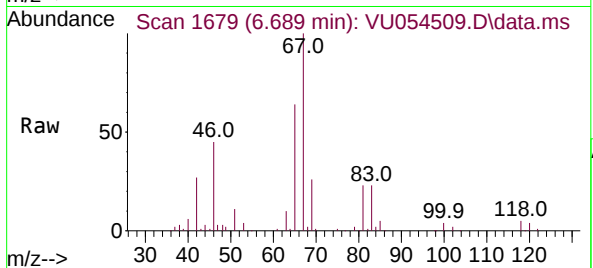




#37
1,2-Dichloropropane
Concen: 0.491 ug/L
RT: 6.689 min Scan# 11
Delta R.T. -0.100 min
Lab File: VU054509.D
Acq: 13 Jun 2023 14:29

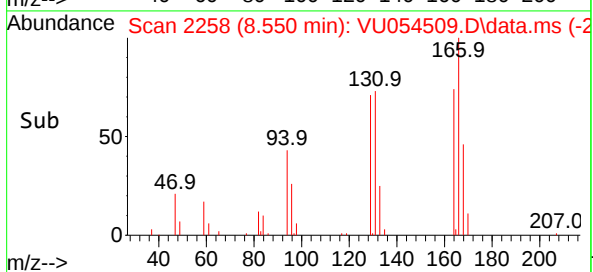
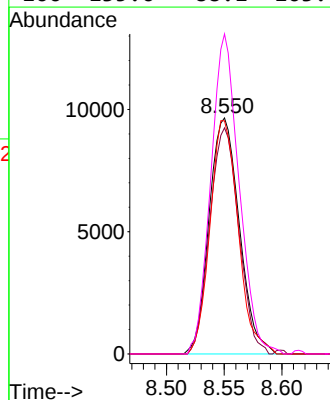
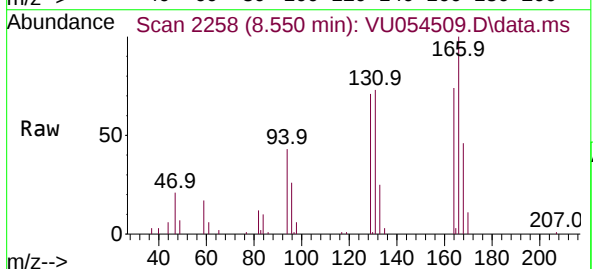
Instrument :
MSVOA_U
ClientSampleId :
CONR1

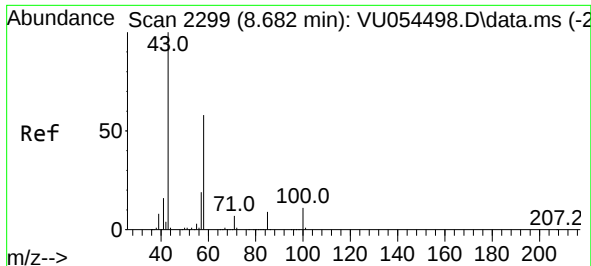
Tgt Ion: 63 Resp: 12536
Ion Ratio Lower Upper
63 100
112 0.3 3.0 4.6#



#47
Tetrachloroethene
Concen: 0.921 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU054509.D
Acq: 13 Jun 2023 14:29

Tgt Ion: 164 Resp: 17588
Ion Ratio Lower Upper
164 100
129 95.8 67.7 125.7
131 98.8 64.6 120.0
166 135.6 88.1 163.7

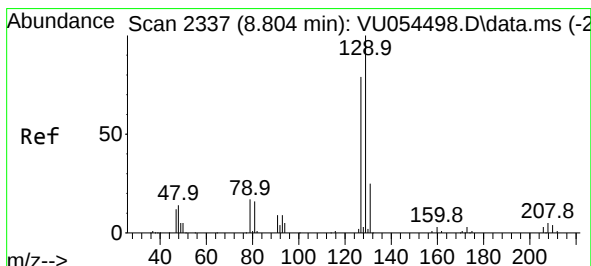
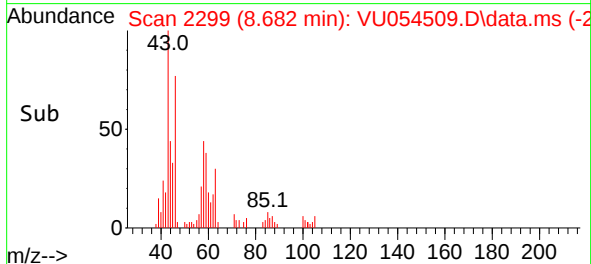
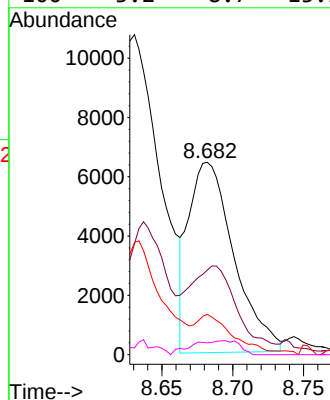
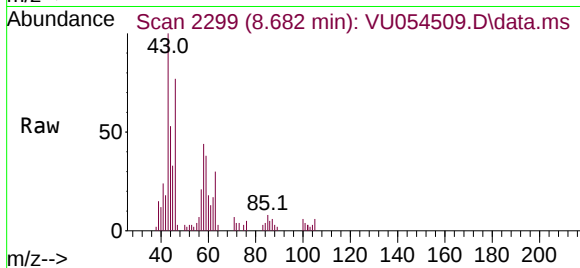




#48
2-Hexanone
Concen: 1.407 ug/L
RT: 8.682 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU054509.D
Acq: 13 Jun 2023 14:29

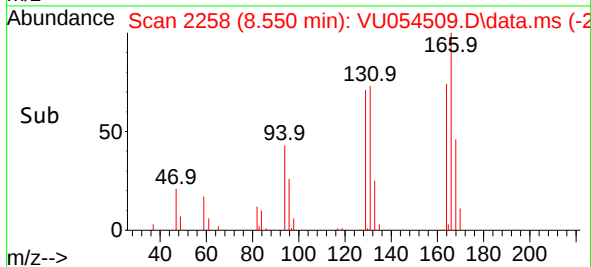
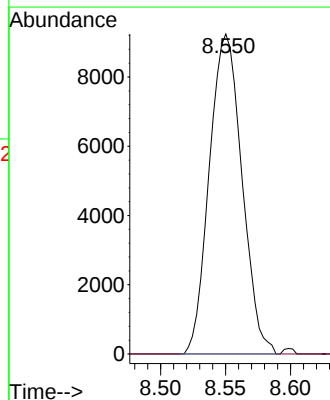
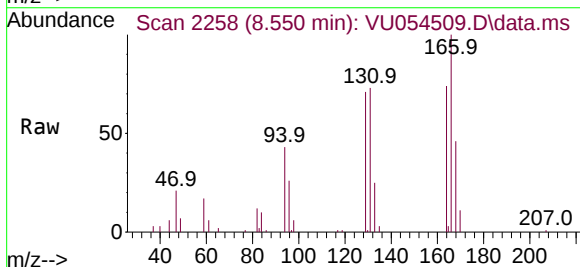
Instrument :
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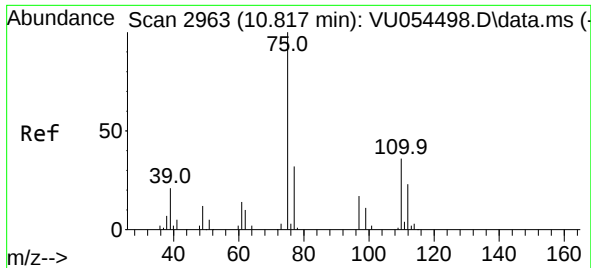
Tgt Ion: 43 Resp: 14278
Ion Ratio Lower Upper
43 100
58 0.0 45.2 67.8#
57 18.2 15.8 23.6
100 3.2 8.7 13.1#



#49
Dibromochloromethane
Concen: 0.946 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.254 min
Lab File: VU054509.D
Acq: 13 Jun 2023 14:29

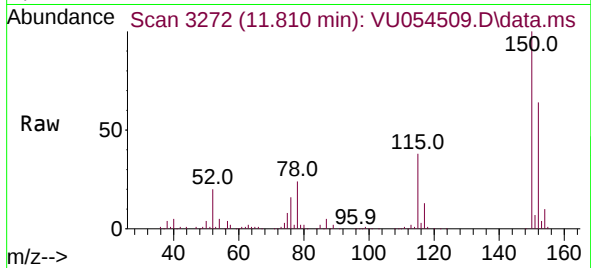
Tgt Ion: 129 Resp: 16131
Ion Ratio Lower Upper
129 100
127 0.0 53.2 98.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.204 ug/L
 RT: 11.810 min Scan# 31
 Delta R.T. 0.993 min
 Lab File: VU054509.D
 Acq: 13 Jun 2023 14:29

Instrument :
 MSVOA_U
 ClientSampleId :
 CONR1



Tgt Ion: 75 Resp: 15573
 Ion Ratio Lower Upper
 75 100
 110 2.5 28.0 42.0#
 77 30.6 25.4 38.2

