

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061923\
 Data File : VU054589.D
 Acq On : 19 Jun 2023 12:17
 Operator : MD/SY
 Sample : 03258-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 20 05:51:44 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

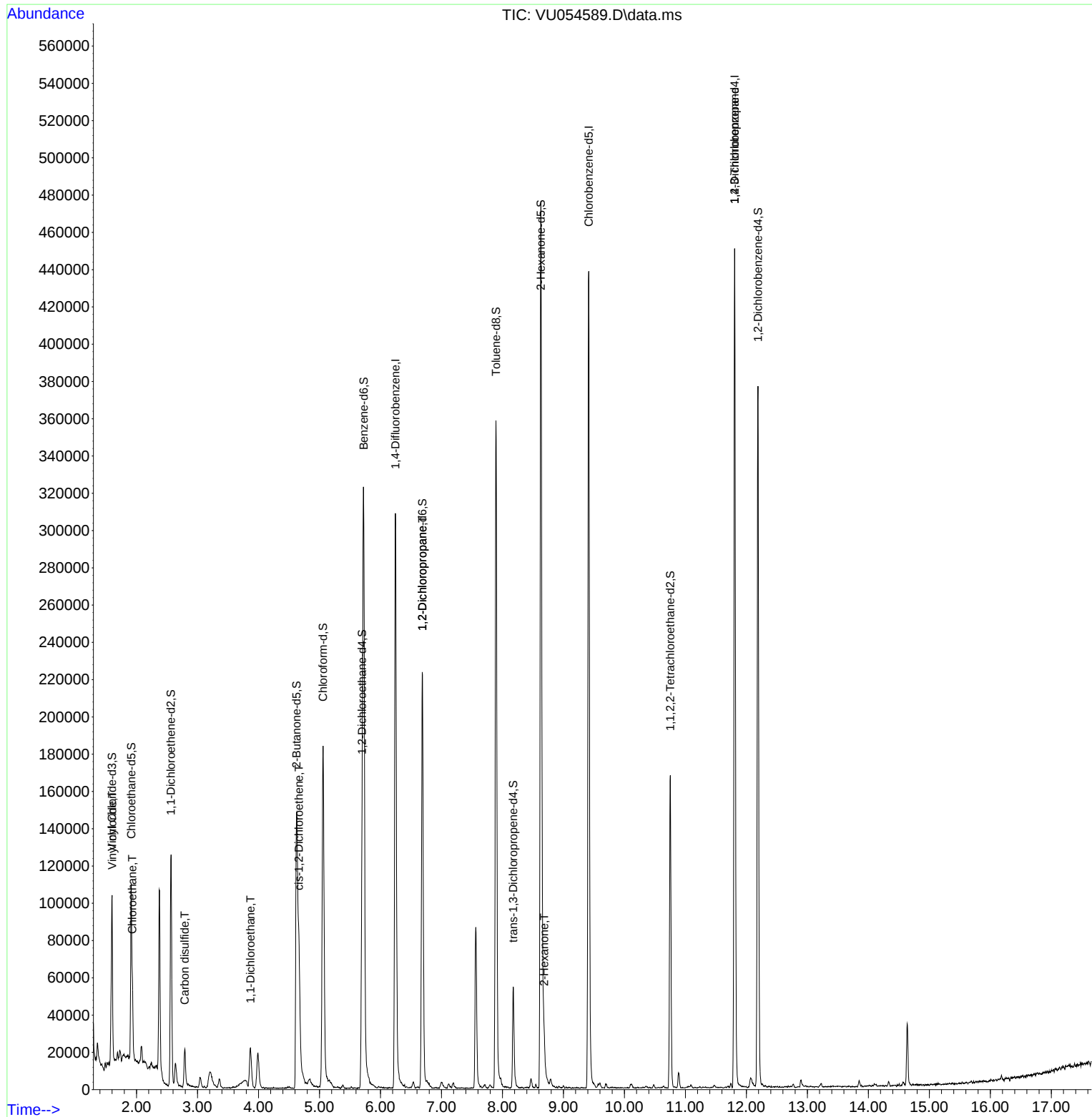
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	265085	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	252933	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	127643	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	51056	3.026	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.600%
7) Chloroethane-d5	1.914	69	69209	4.382	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.600%
11) 1,1-Dichloroethene-d2	2.563	65	24643	3.271	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.400%
20) 2-Butanone-d5	4.624	46	243361	51.307	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.620%
24) Chloroform-d	5.058	84	167307	4.744	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	5.698	65	85678	4.984	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
32) Benzene-d6	5.724	84	306858	4.364	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
36) 1,2-Dichloropropane-d6	6.688	67	112641	4.797	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.000%
41) Toluene-d8	7.894	98	251720	4.034	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.600%
43) trans-1,3-Dichloroprop...	8.177	79	32783	4.015	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.200%
46) 2-Hexanone-d5	8.631	63	166619	48.638	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.280%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	86715	4.952	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	101003	4.691	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	15814	0.541	ug/L #	80
8) Chloroethane	1.933	64	21630	1.236	ug/L	87
14) Carbon disulfide	2.792	76	26978	0.473	ug/L	96
19) 1,1-Dichloroethane	3.869	63	25972	0.632	ug/L	97
22) cis-1,2-Dichloroethene	4.663	96	24534	1.085	ug/L	88
37) 1,2-Dichloropropane	6.688	63	11329	0.461	ug/L #	89
48) 2-Hexanone	8.685	43	12022	1.230	ug/L #	89
61) 1,2,3-Trichloropropane	11.807	75	15465	1.199	ug/L #	70

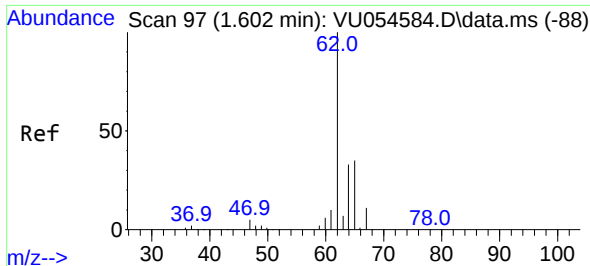
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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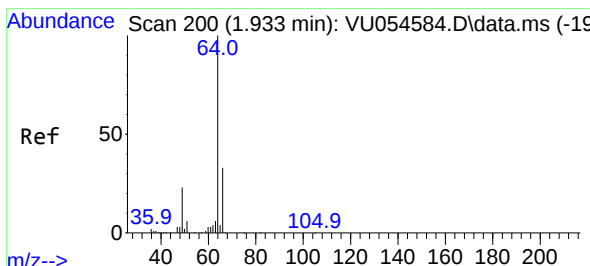
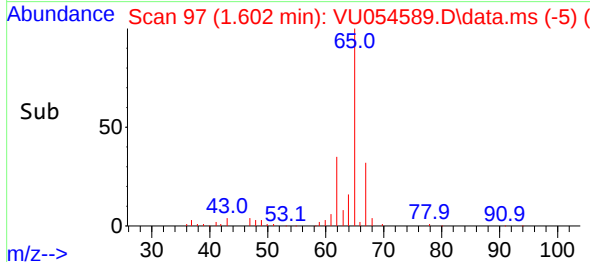
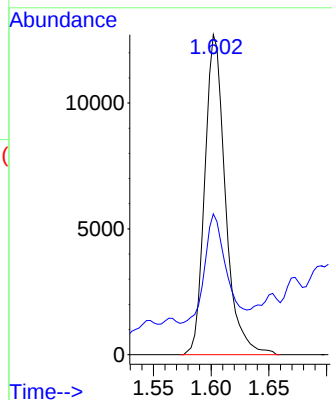
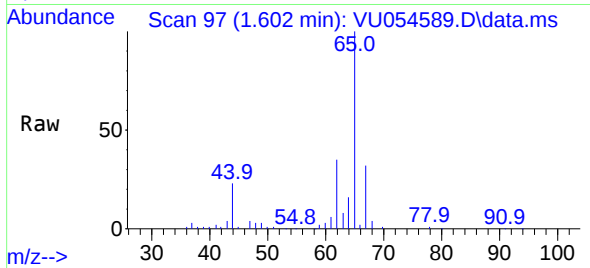




#5
 Vinyl chloride
 Concen: 0.541 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.003 min
 Lab File: VU054589.D
 Acq: 19 Jun 2023 12:17

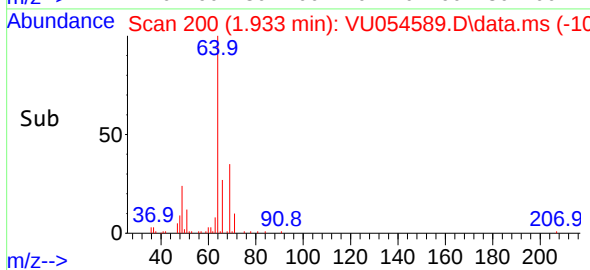
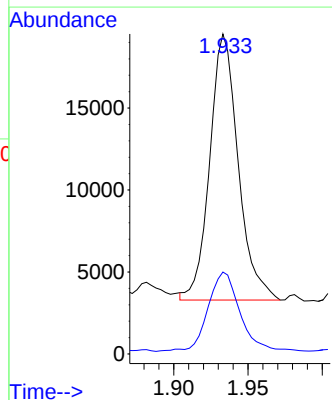
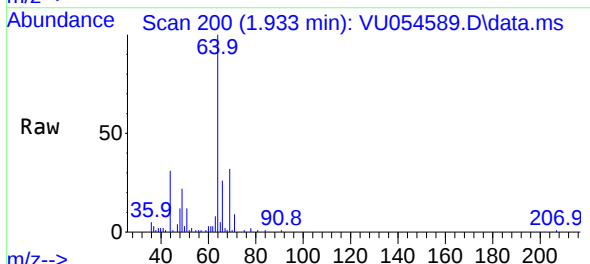
Instrument :
 MSVOA_U
 ClientSampleId :

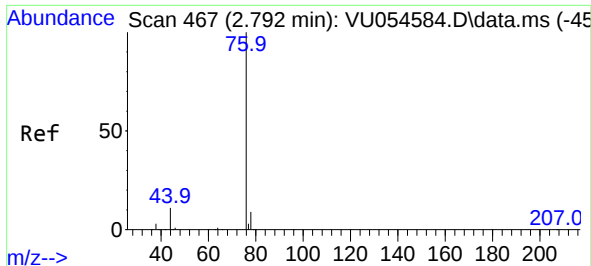
Tgt Ion: 62 Resp: 15814
 Ion Ratio Lower Upper
 62 100
 64 44.0 23.0 42.6#



#8
 Chloroethane
 Concen: 1.236 ug/L
 RT: 1.933 min Scan# 200
 Delta R.T. -0.000 min
 Lab File: VU054589.D
 Acq: 19 Jun 2023 12:17

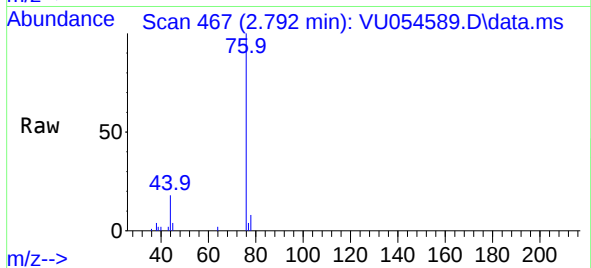
Tgt Ion: 64 Resp: 21630
 Ion Ratio Lower Upper
 64 100
 66 25.6 22.9 42.5



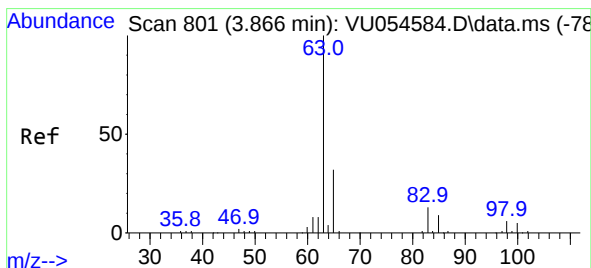
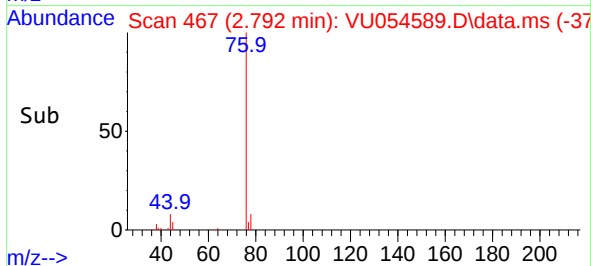
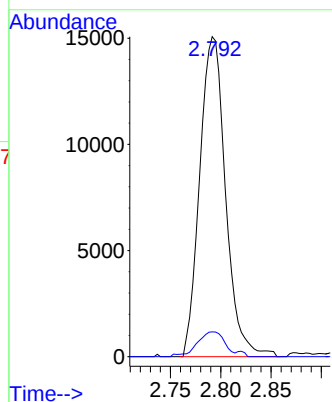


#14
Carbon disulfide
Concen: 0.473 ug/L
RT: 2.792 min Scan# 467
Delta R.T. -0.000 min
Lab File: VU054589.D
Acq: 19 Jun 2023 12:17

Instrument :
MSVOA_U
ClientSampleId :

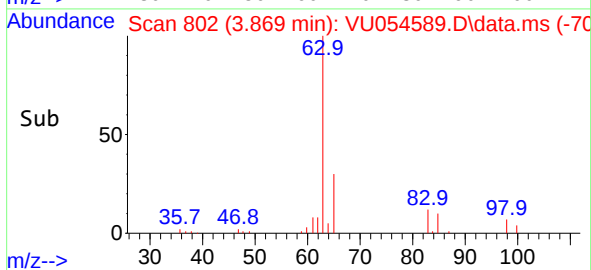
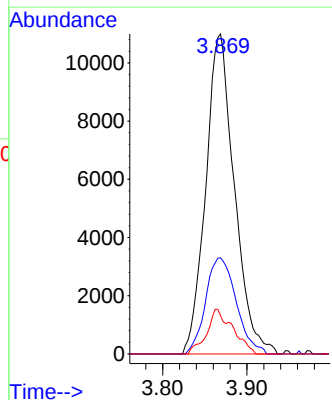
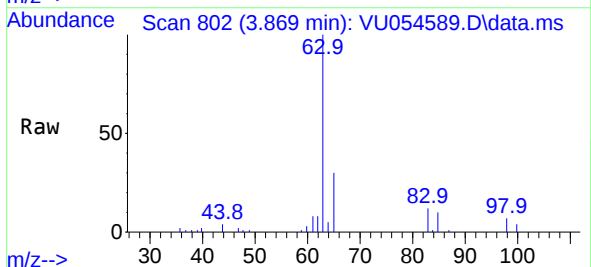


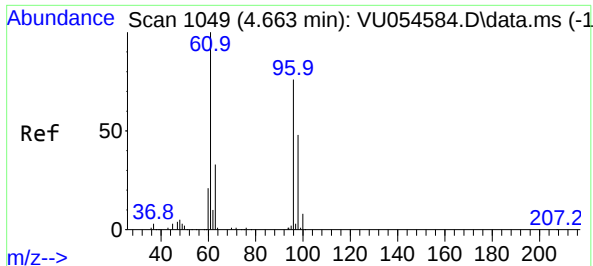
Tgt Ion: 76 Resp: 26978
Ion Ratio Lower Upper
76 100
78 7.8 7.4 11.0



#19
1,1-Dichloroethane
Concen: 0.632 ug/L
RT: 3.869 min Scan# 802
Delta R.T. 0.003 min
Lab File: VU054589.D
Acq: 19 Jun 2023 12:17

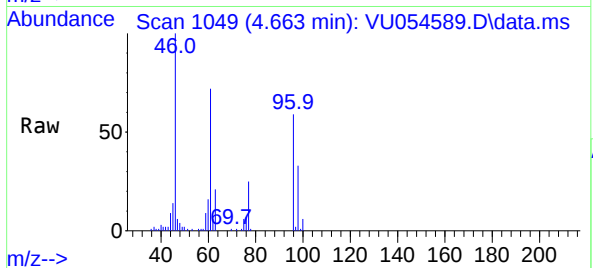
Tgt Ion: 63 Resp: 25972
Ion Ratio Lower Upper
63 100
65 30.1 22.2 41.2
83 12.0 9.0 16.6





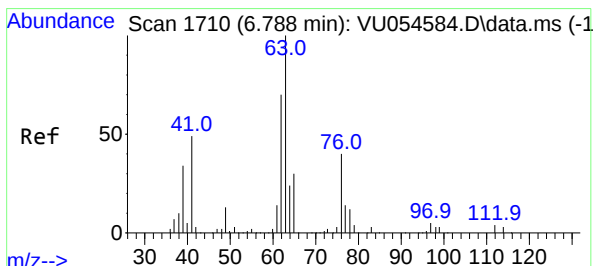
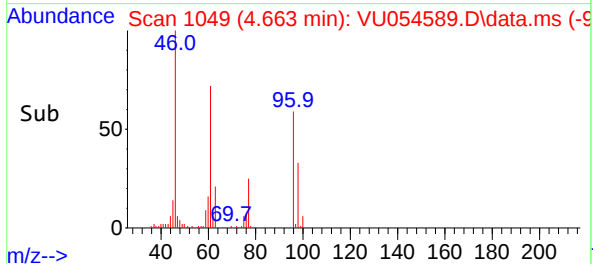
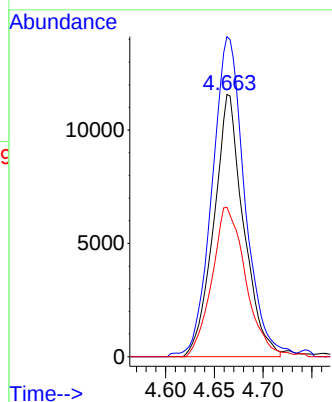
#22
 cis-1,2-Dichloroethene
 Concen: 1.085 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. -0.000 min
 Lab File: VU054589.D
 Acq: 19 Jun 2023 12:17

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 24534

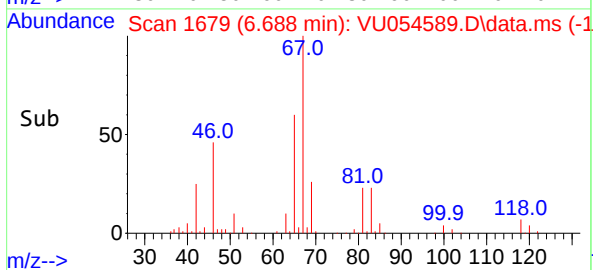
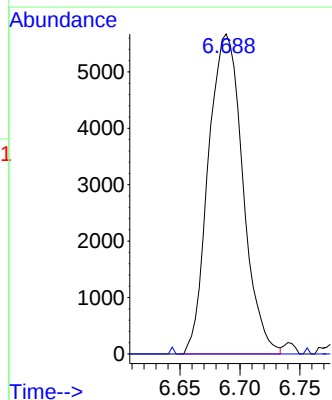
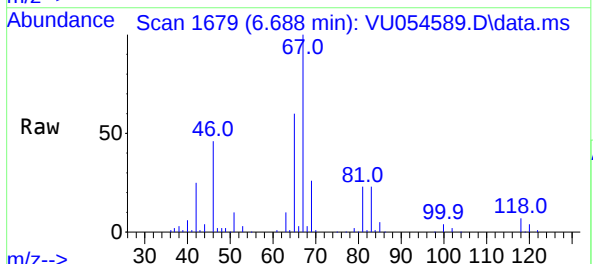
Ion	Ratio	Lower	Upper
96	100		
61	122.1	96.5	179.1
98	57.0	44.9	83.3

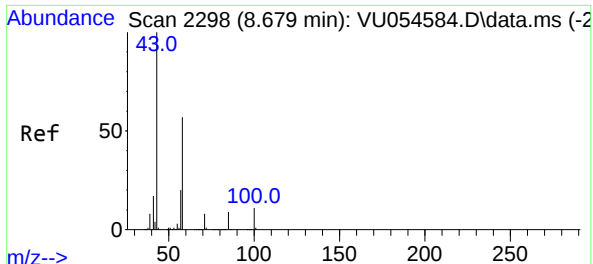


#37
 1,2-Dichloropropane
 Concen: 0.461 ug/L
 RT: 6.688 min Scan# 1679
 Delta R.T. -0.100 min
 Lab File: VU054589.D
 Acq: 19 Jun 2023 12:17

Tgt Ion: 63 Resp: 11329

Ion	Ratio	Lower	Upper
63	100		
112	0.2	3.0	4.6#

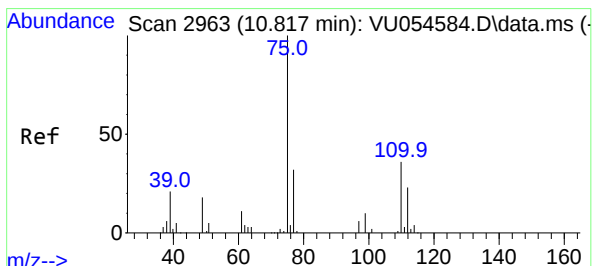
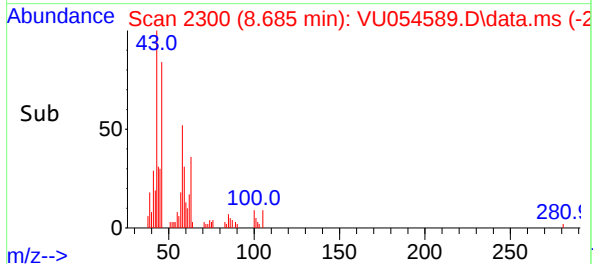
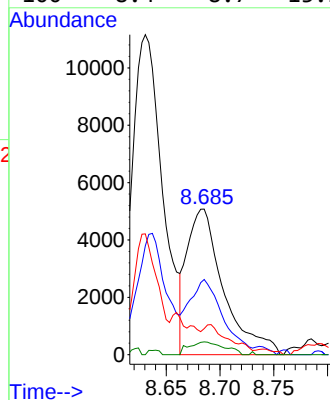
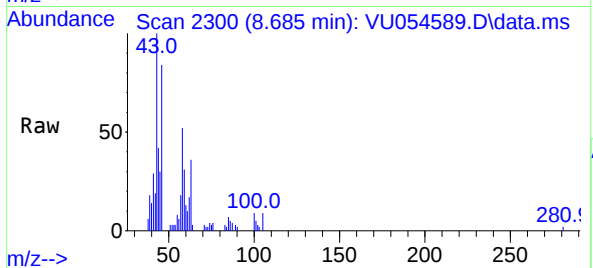




#48
2-Hexanone
Concen: 1.230 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU054589.D
Acq: 19 Jun 2023 12:17

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43	Resp: 12022
Ion Ratio	Lower Upper
43 100	
58 48.2	45.2 67.8
57 14.4	15.8 23.6#
100 8.4	8.7 13.1#



#61
1,2,3-Trichloropropane
Concen: 1.199 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU054589.D
Acq: 19 Jun 2023 12:17

Tgt Ion: 75	Resp: 15465
Ion Ratio	Lower Upper
75 100	
110 2.0	28.0 42.0#
77 32.1	25.4 38.2

