

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102723\
 Data File : VU055922.D
 Acq On : 27 Oct 2023 14:41
 Operator : MD/SY
 Sample : 05009-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 27 23:55:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 25 05:19:13 2023
 Response via : Initial Calibration

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

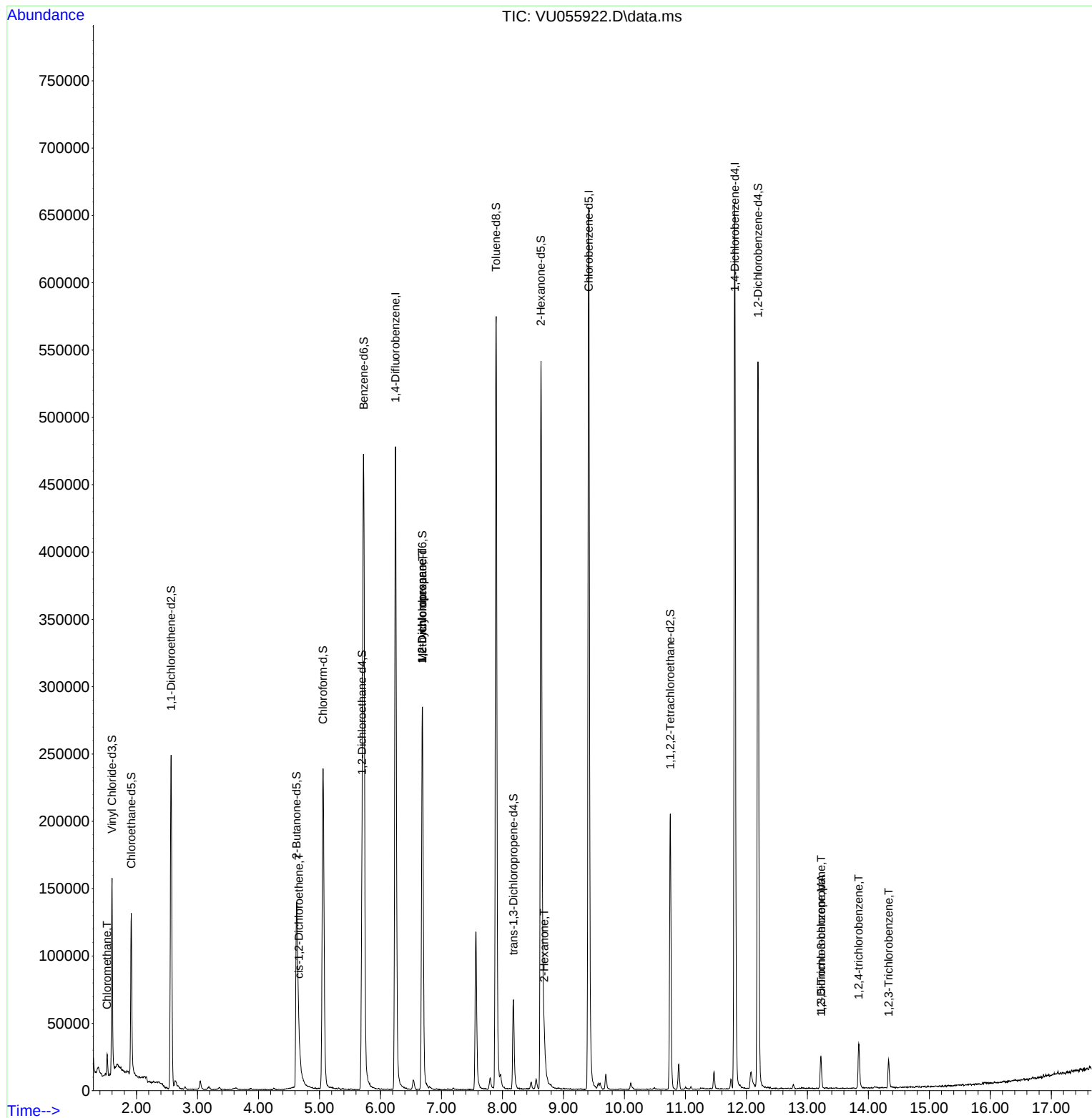
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	404026	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	388537	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	184420	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	102327	3.202	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.000%
7) Chloroethane-d5	1.914	69	92643	3.719	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.400%
11) 1,1-Dichloroethene-d2	2.567	65	48031	3.540	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.800%
20) 2-Butanone-d5	4.624	46	235133	41.239	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.480%
24) Chloroform-d	5.058	84	234446	3.959	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.200%
26) 1,2-Dichloroethane-d4	5.698	65	113240	3.925	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.400%
32) Benzene-d6	5.724	84	473272	4.089	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.800%
36) 1,2-Dichloropropane-d6	6.689	67	145375	4.237	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.800%
41) Toluene-d8	7.898	98	410642	3.911	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.200%
43) trans-1,3-Dichloroprop...	8.180	79	43454	3.238	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.800%
46) 2-Hexanone-d5	8.631	63	193153	56.704	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.400%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	105955	4.241	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	149847	4.355	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	10504	0.478	ug/L	97
22) cis-1,2-Dichloroethene	4.663	96	2763	0.118	ug/L	95
35) Methylcyclohexane	6.689	83	33633	1.039	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	15342	0.674	ug/L #	88
48) 2-Hexanone	8.685	43	12257	1.420	ug/L #	94
68) 1,2-Dibromo-3-chloropr...	13.228	75	1607	0.711	ug/L #	1
69) 1,3,5-Trichlorobenzene	13.225	180	8519	0.286	ug/L	97
70) 1,2,4-trichlorobenzene	13.843	180	12210	0.555	ug/L	94
72) 1,2,3-Trichlorobenzene	14.335	180	6837	0.360	ug/L	90

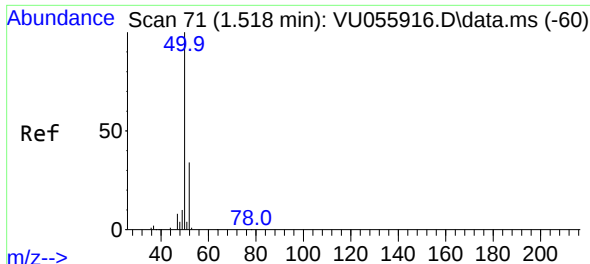
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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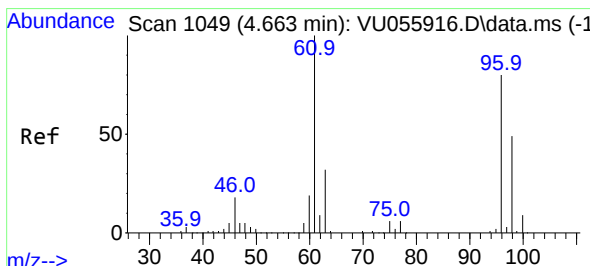
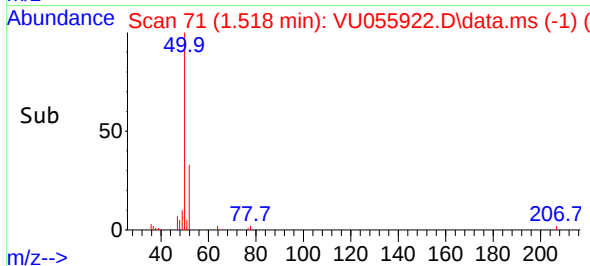
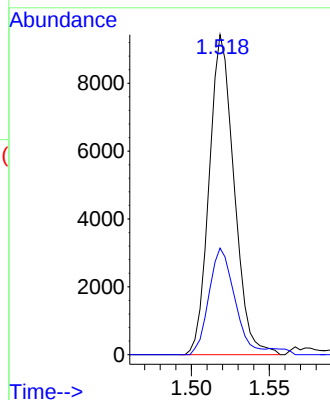
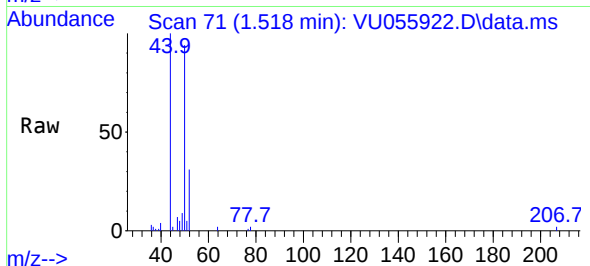




#3
Chloromethane
Concen: 0.478 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU055922.D
Acq: 27 Oct 2023 14:41

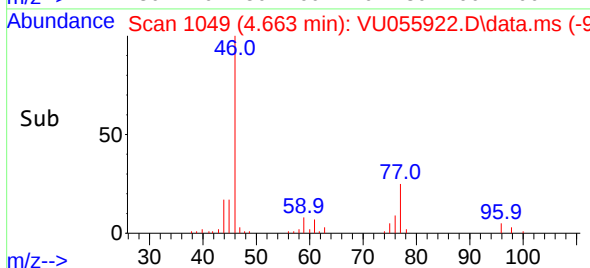
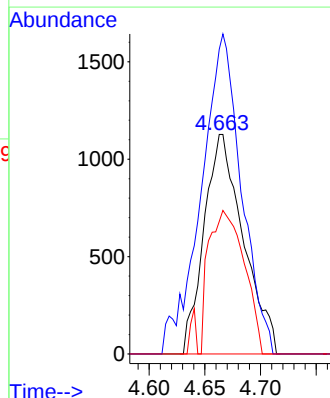
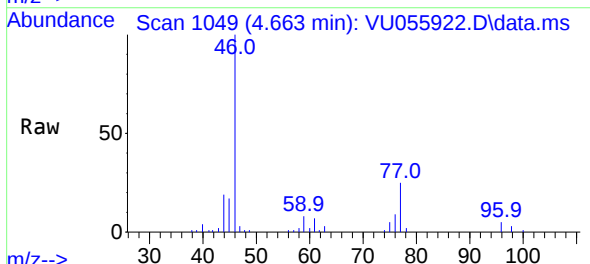
Instrument :
MSVOA_U
ClientSampleId :

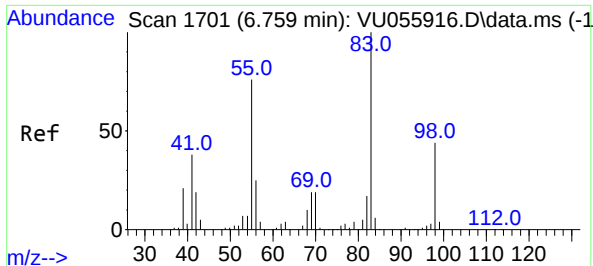
Tgt Ion: 50 Resp: 10504
Ion Ratio Lower Upper
50 100
52 33.3 22.0 40.8



#22
cis-1,2-Dichloroethene
Concen: 0.118 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VU055922.D
Acq: 27 Oct 2023 14:41

Tgt Ion: 96 Resp: 2763
Ion Ratio Lower Upper
96 100
61 138.8 93.8 174.2
98 60.3 45.6 84.8

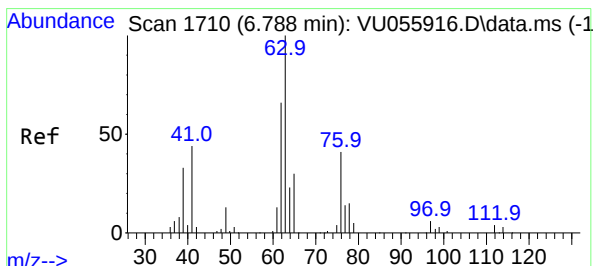
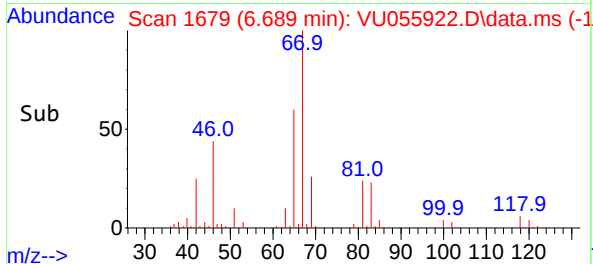
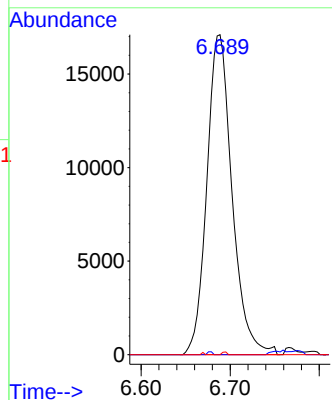
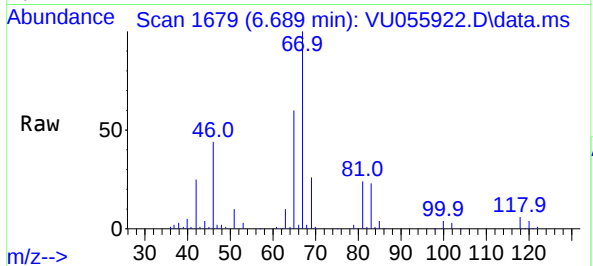




#35
Methylcyclohexane
Concen: 1.039 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU055922.D
Acq: 27 Oct 2023 14:41

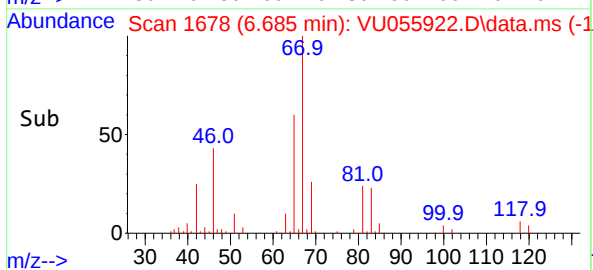
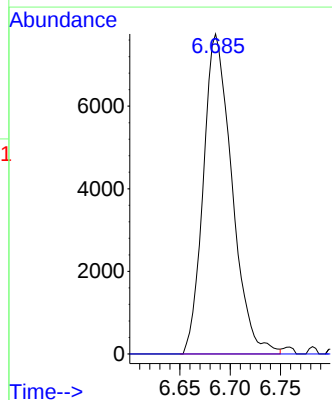
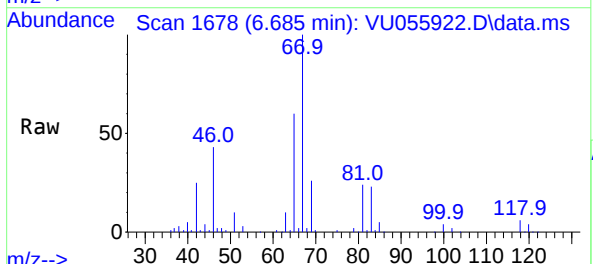
Instrument :
MSVOA_U
ClientSampleId :

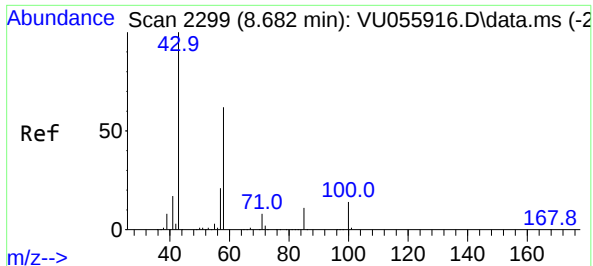
Tgt Ion: 83 Resp: 33633
Ion Ratio Lower Upper
83 100
55 0.8 62.4 93.6#
98 0.2 37.4 56.2#



#37
1,2-Dichloropropane
Concen: 0.674 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.100 min
Lab File: VU055922.D
Acq: 27 Oct 2023 14:41

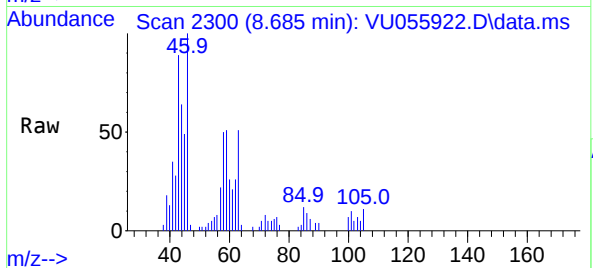
Tgt Ion: 63 Resp: 15342
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#





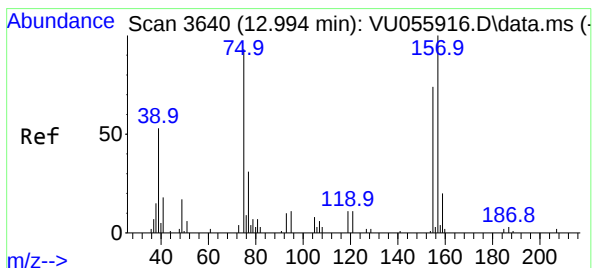
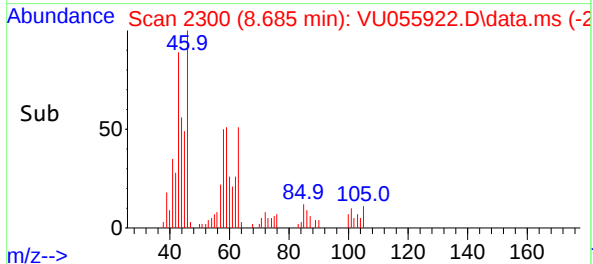
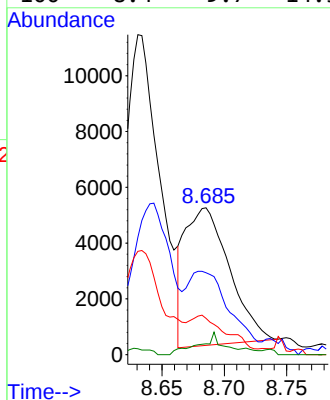
#48
2-Hexanone
Concen: 1.420 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU055922.D
Acq: 27 Oct 2023 14:41

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 12257

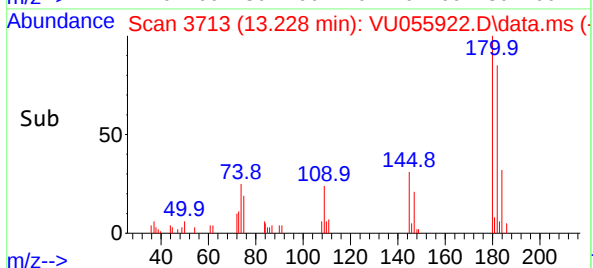
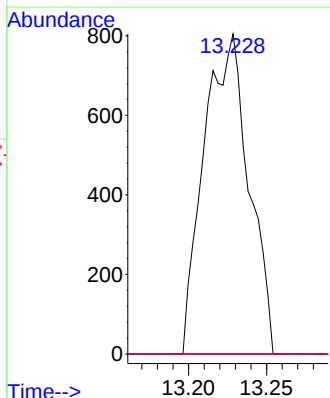
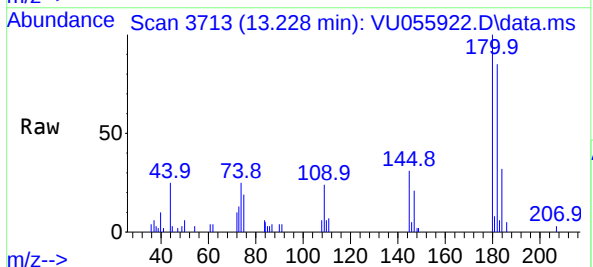
Ion	Ratio	Lower	Upper
43	100		
58	58.1	49.5	74.3
57	24.1	16.9	25.3
100	8.4	9.7	14.5

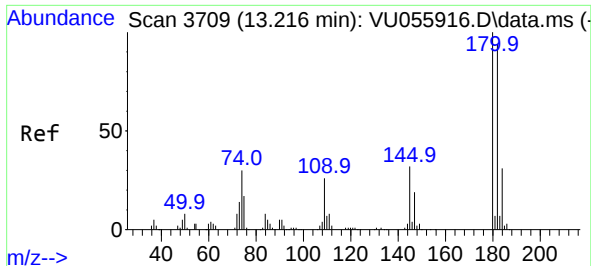


#68
1,2-Dibromo-3-chloropropane
Concen: 0.711 ug/L
RT: 13.228 min Scan# 3713
Delta R.T. 0.235 min
Lab File: VU055922.D
Acq: 27 Oct 2023 14:41

Tgt Ion: 75 Resp: 1607

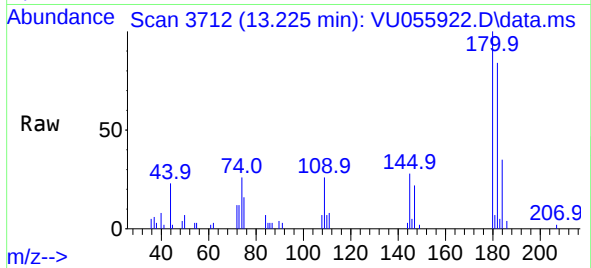
Ion	Ratio	Lower	Upper
75	100		
155	0.0	65.3	97.9
157	0.0	87.9	131.9



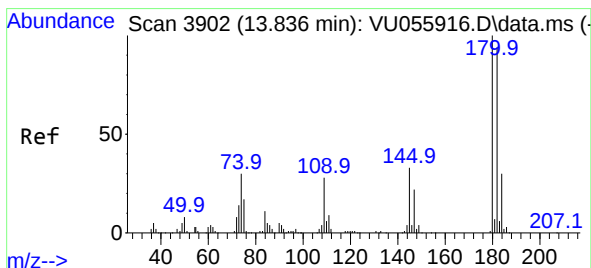
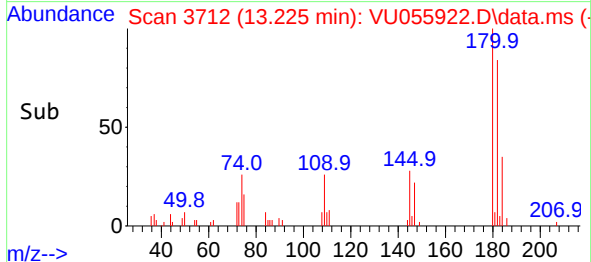
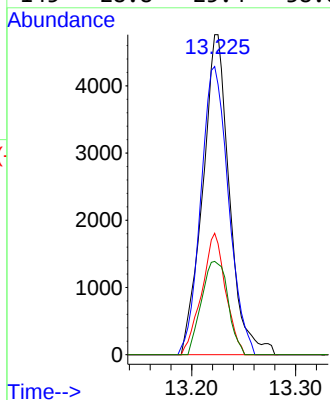


#69
1,3,5-Trichlorobenzene
Concen: 0.286 ug/L
RT: 13.225 min Scan# 31
Delta R.T. 0.010 min
Lab File: VU055922.D
Acq: 27 Oct 2023 14:41

Instrument :
MSVOA_U
ClientSampleId :

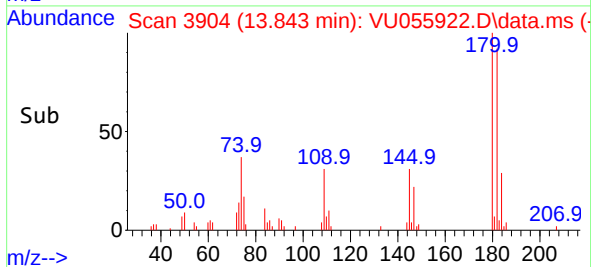
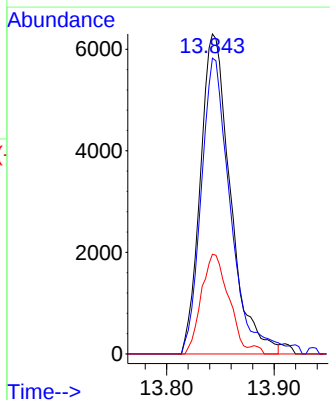
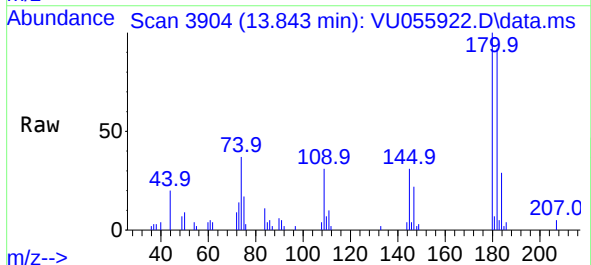


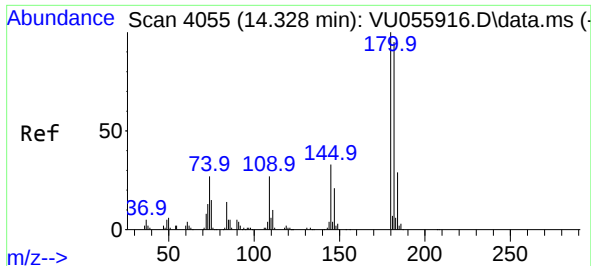
Tgt Ion:180 Resp: 8519
Ion Ratio Lower Upper
180 100
182 93.1 74.7 112.1
184 33.7 23.8 35.8
145 28.8 25.4 38.0



#70
1,2,4-trichlorobenzene
Concen: 0.555 ug/L
RT: 13.843 min Scan# 3904
Delta R.T. 0.006 min
Lab File: VU055922.D
Acq: 27 Oct 2023 14:41

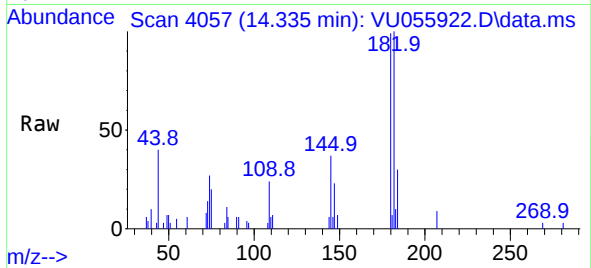
Tgt Ion:180 Resp: 12210
Ion Ratio Lower Upper
180 100
182 90.2 76.1 114.1
145 28.2 26.4 39.6





#72
 1,2,3-Trichlorobenzene
 Concen: 0.360 ug/L
 RT: 14.335 min Scan# 4057
 Delta R.T. 0.010 min
 Lab File: VU055922.D
 Acq: 27 Oct 2023 14:41

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	180	Resp:	6837
Ion	Ratio	Lower	Upper
180	100		
182	105.2	74.6	112.0
145	36.2	27.4	41.2

