

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100223\
 Data File : VU055599.D
 Acq On : 02 Oct 2023 12:41
 Operator : MD/SY
 Sample : 04692-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 02 13:31:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 27 23:33:30 2023
 Response via : Initial Calibration

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

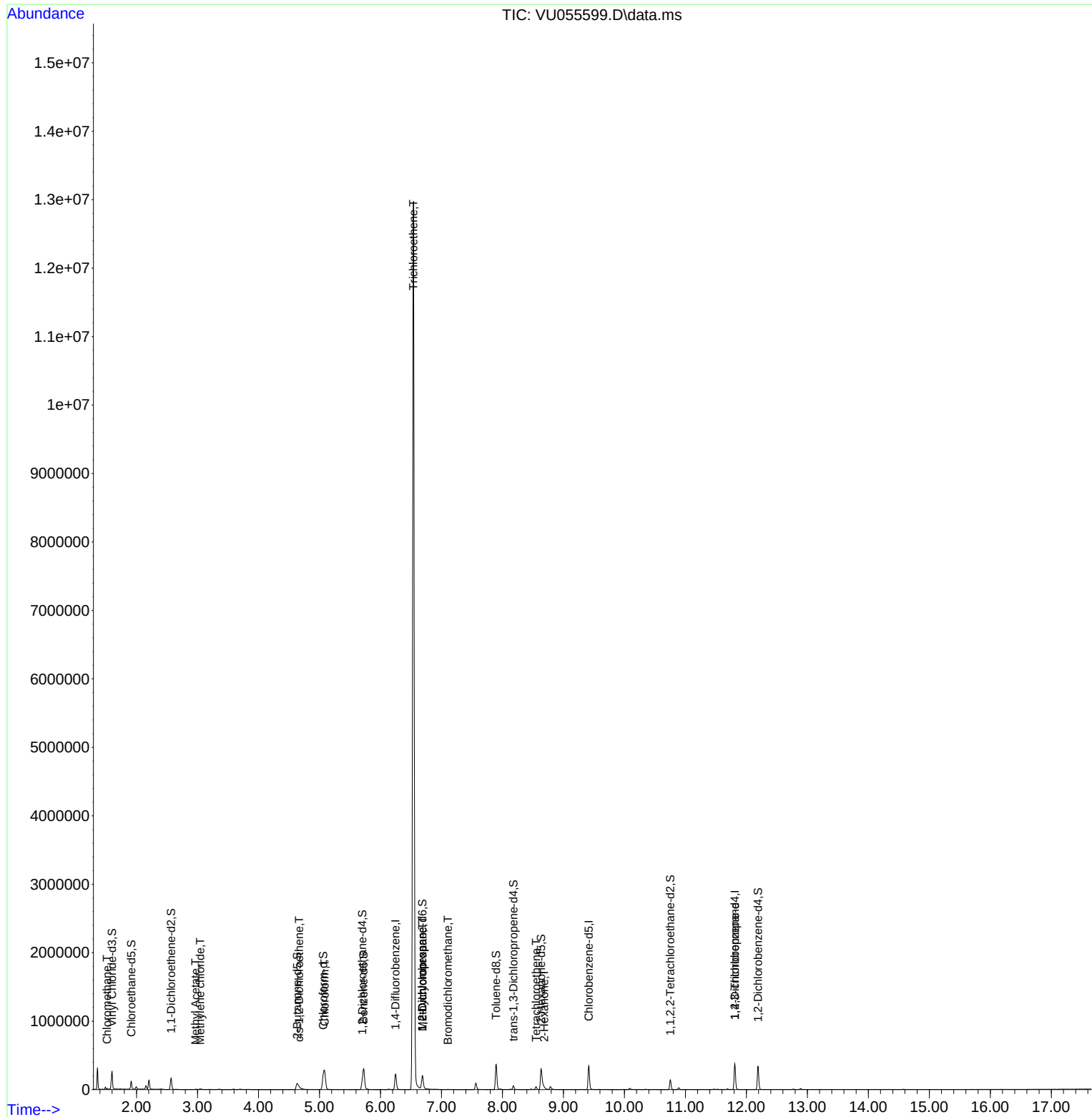
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	185592	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	198409	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	99482	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	77614	4.138	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.800%
7) Chloroethane-d5	1.914	69	72980	4.415	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.200%
11) 1,1-Dichloroethene-d2	2.566	65	30667	3.972	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.400%
20) 2-Butanone-d5	4.634	46	169845	50.130	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.260%
24) Chloroform-d	5.062	84	164481	4.848	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	5.701	65	75524	4.628	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
32) Benzene-d6	5.724	84	297015	4.280	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
36) 1,2-Dichloropropane-d6	6.688	67	92543	4.463	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.200%
41) Toluene-d8	7.897	98	255640	4.041	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.800%
43) trans-1,3-Dichloroprop...	8.180	79	33207	4.563	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.200%
46) 2-Hexanone-d5	8.634	63	98768	44.623	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.240%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	72609	4.672	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	89571	4.461	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.200%
Target Compounds						Qvalue
3) Chloromethane	1.518	50	4426	0.278	ug/L	97
15) Methyl Acetate	2.968	43	1704	0.387	ug/L #	47
16) Methylene chloride	3.042	84	5104	0.328	ug/L	96
22) cis-1,2-Dichloroethene	4.666	96	3400	0.224	ug/L	87
25) Chloroform	5.084	83	209375	8.175	ug/L	100
34) Trichloroethene	6.541	95	4400898	272.446	ug/L	97
35) Methylcyclohexane	6.688	83	22522	0.968	ug/L #	20
37) 1,2-Dichloropropane	6.688	63	10403	0.697	ug/L #	89
38) Bromodichloromethane	7.106	83	2705	0.155	ug/L #	81
47) Tetrachloroethene	8.553	164	8986	0.775	ug/L	97
48) 2-Hexanone	8.685	43	18135	3.454	ug/L #	88
61) 1,2,3-Trichloropropane	11.810	75	12674	1.632	ug/L #	67

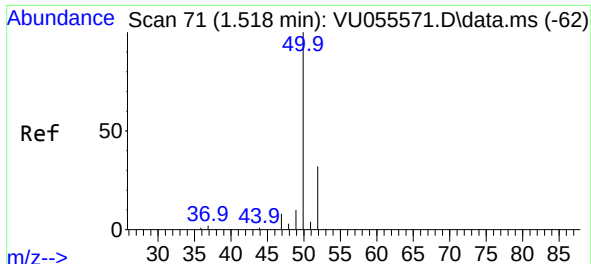
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100223\
Data File : VU055599.D
Acq On : 02 Oct 2023 12:41
Operator : MD/SY
Sample : 04692-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Oct 02 13:31:05 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 27 23:33:30 2023
Response via : Initial Calibration

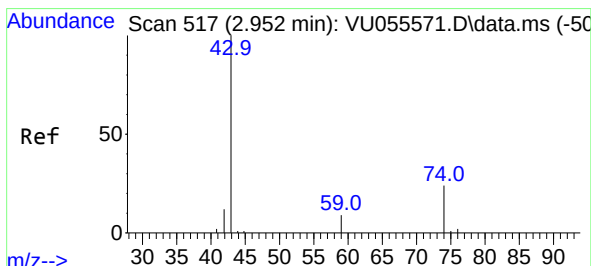
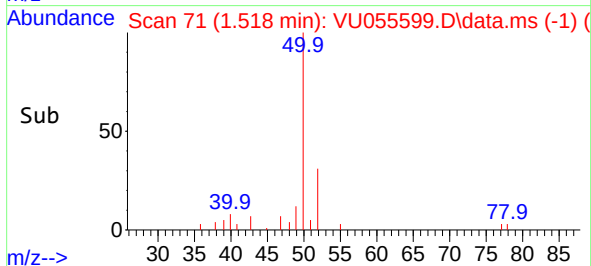
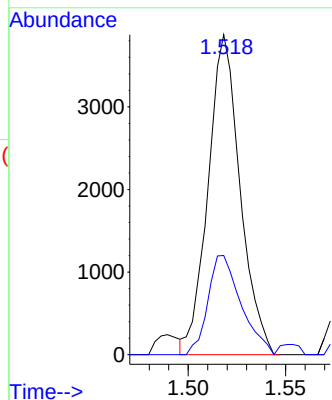
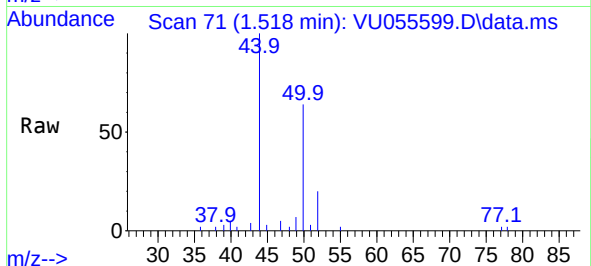




#3
Chloromethane
Concen: 0.278 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU055599.D
Acq: 02 Oct 2023 12:41

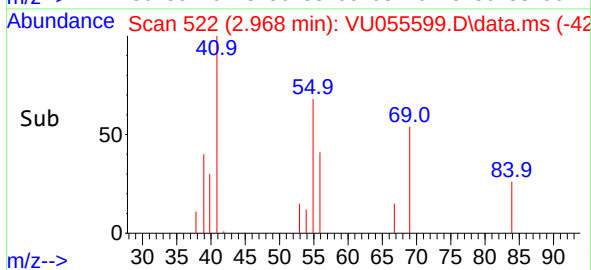
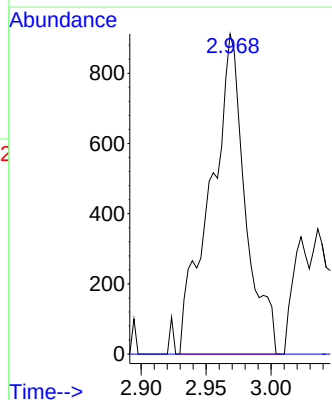
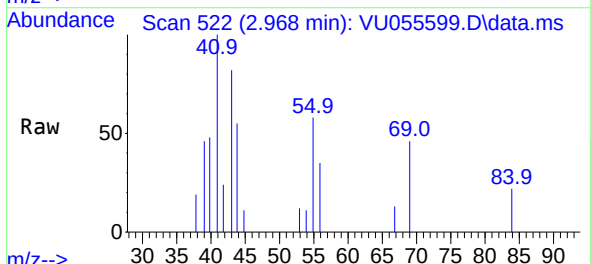
Instrument :
MSVOA_U
ClientSampleId :

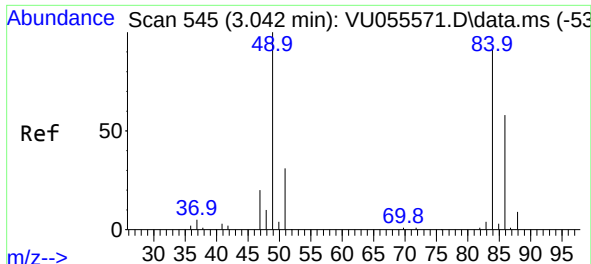
Tgt Ion: 50 Resp: 4426
Ion Ratio Lower Upper
50 100
52 31.0 22.9 42.5



#15
Methyl Acetate
Concen: 0.387 ug/L
RT: 2.968 min Scan# 522
Delta R.T. 0.012 min
Lab File: VU055599.D
Acq: 02 Oct 2023 12:41

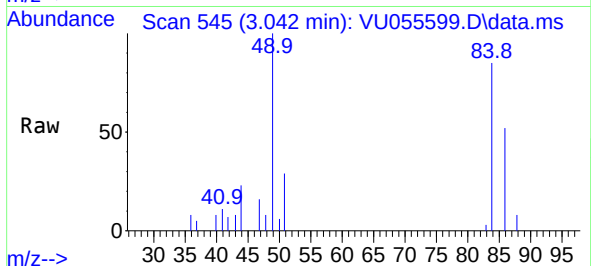
Tgt Ion: 43 Resp: 1704
Ion Ratio Lower Upper
43 100
74 0.0 22.3 33.5#



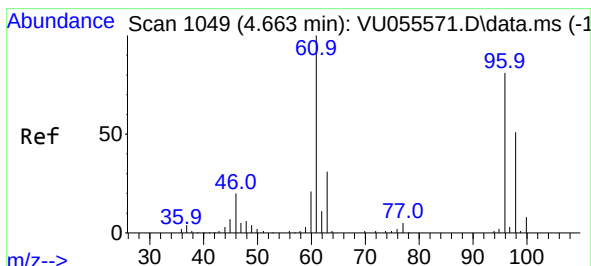
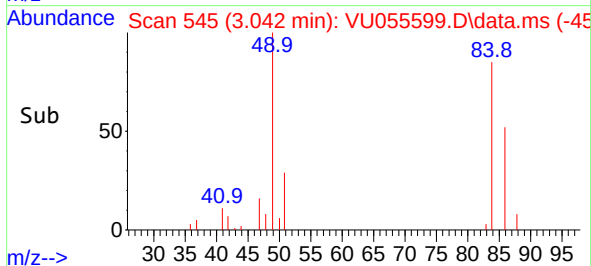
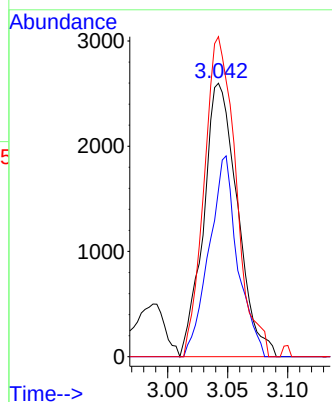


#16
Methylene chloride
Concen: 0.328 ug/L
RT: 3.042 min Scan# 54
Delta R.T. -0.000 min
Lab File: VU055599.D
Acq: 02 Oct 2023 12:41

Instrument :
MSVOA_U
ClientSampleId :

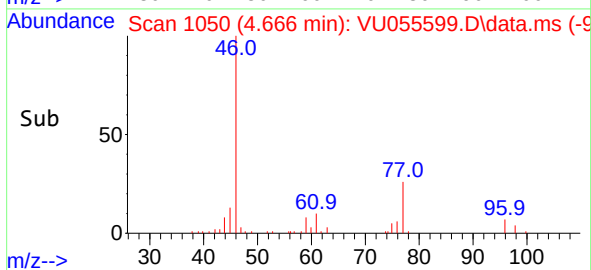
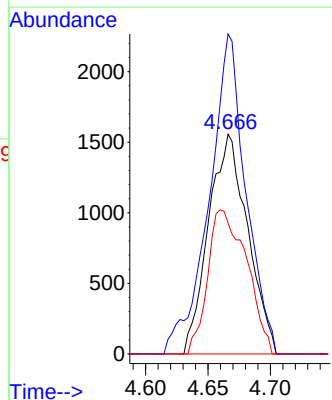
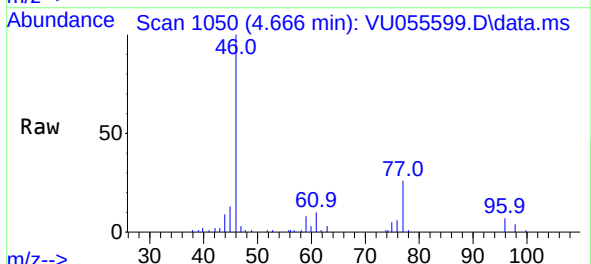


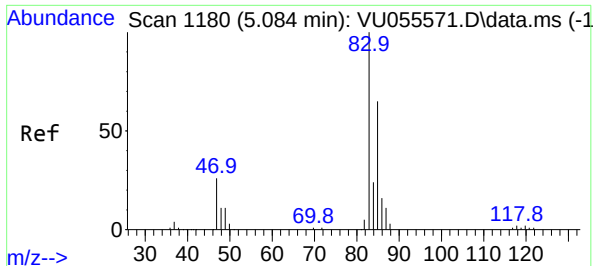
Tgt Ion: 84 Resp: 5104
Ion Ratio Lower Upper
84 100
86 60.9 44.9 83.3
49 117.1 78.8 146.3



#22
cis-1,2-Dichloroethene
Concen: 0.224 ug/L
RT: 4.666 min Scan# 1050
Delta R.T. 0.003 min
Lab File: VU055599.D
Acq: 02 Oct 2023 12:41

Tgt Ion: 96 Resp: 3400
Ion Ratio Lower Upper
96 100
61 145.7 87.8 163.2
98 59.8 44.4 82.4

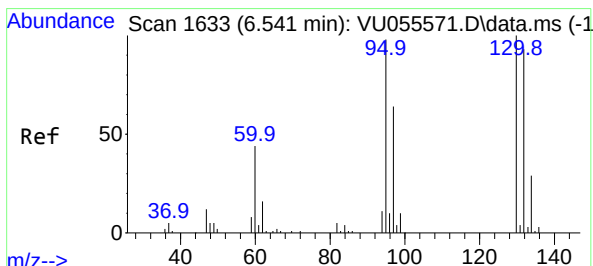
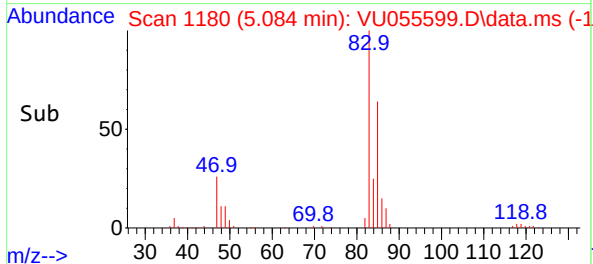
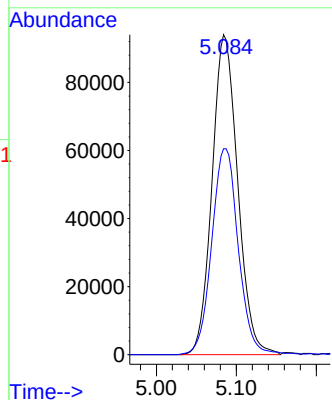
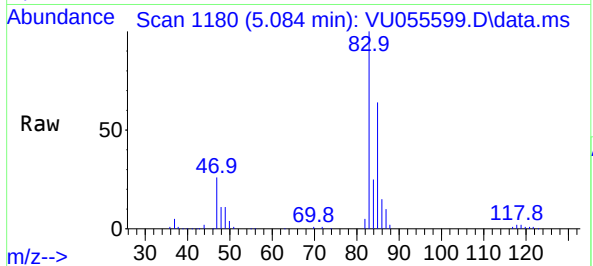




#25
Chloroform
Concen: 8.175 ug/L
RT: 5.084 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VU055599.D
Acq: 02 Oct 2023 12:41

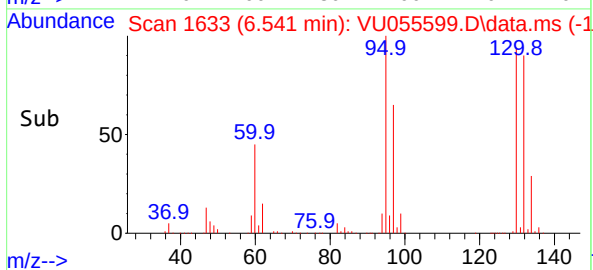
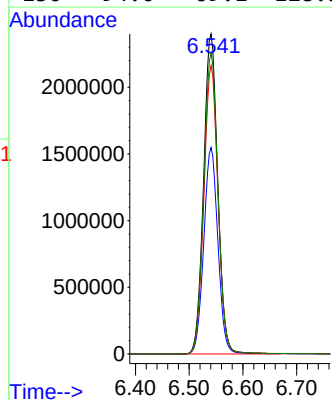
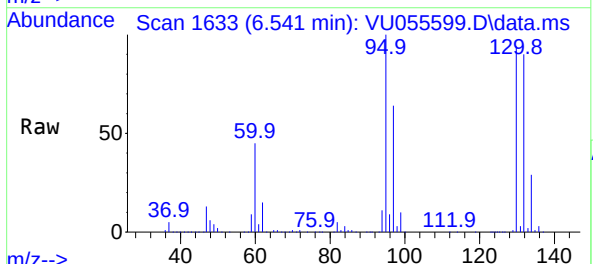
Instrument :
MSVOA_U
ClientSampleId :

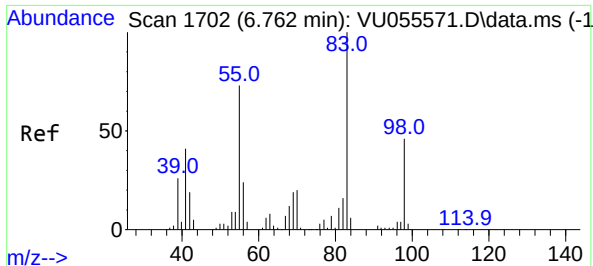
Tgt Ion: 83 Resp: 209375
Ion Ratio Lower Upper
83 100
85 64.3 44.9 83.5



#34
Trichloroethene
Concen: 272.446 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. -0.000 min
Lab File: VU055599.D
Acq: 02 Oct 2023 12:41

Tgt Ion: 95 Resp: 4400898
Ion Ratio Lower Upper
95 100
97 64.5 45.4 84.2
132 90.1 65.2 121.2
130 94.0 69.1 128.3

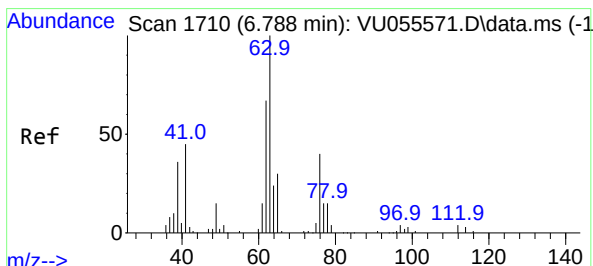
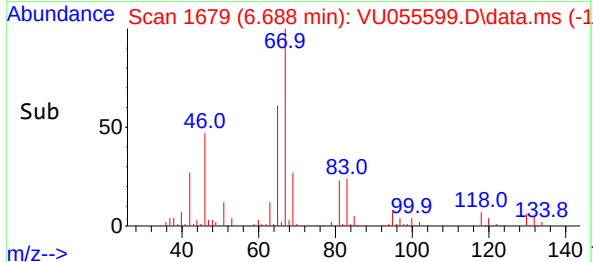
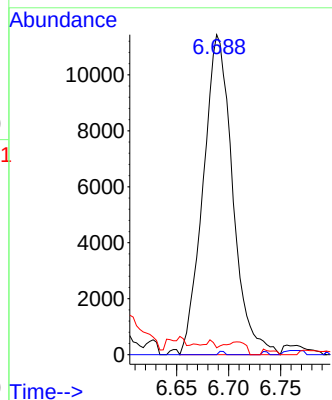
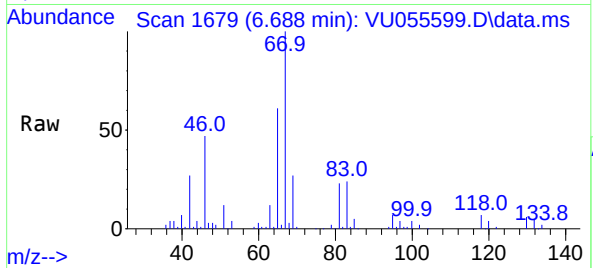




#35
Methylcyclohexane
Concen: 0.968 ug/L
RT: 6.688 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU055599.D
Acq: 02 Oct 2023 12:41

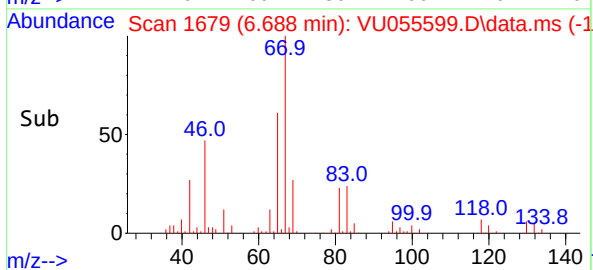
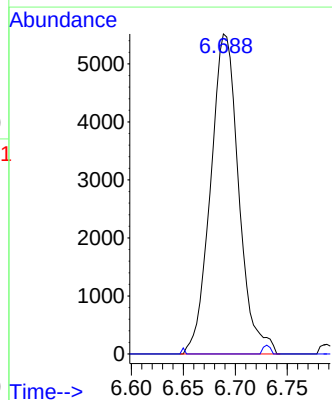
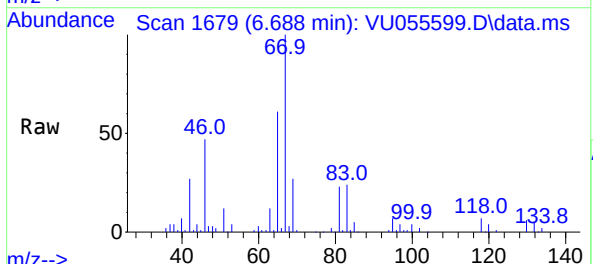
Instrument :
MSVOA_U
ClientSampleId :

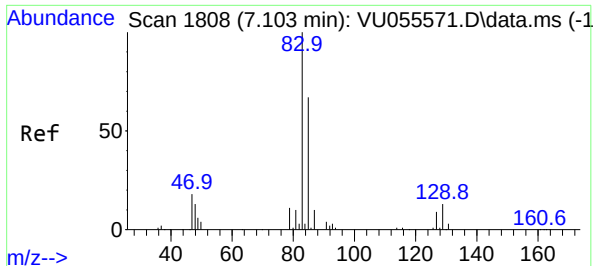
Tgt Ion: 83 Resp: 22522
Ion Ratio Lower Upper
83 100
55 0.2 59.1 88.7#
98 0.0 36.3 54.5#



#37
1,2-Dichloropropane
Concen: 0.697 ug/L
RT: 6.688 min Scan# 1679
Delta R.T. -0.100 min
Lab File: VU055599.D
Acq: 02 Oct 2023 12:41

Tgt Ion: 63 Resp: 10403
Ion Ratio Lower Upper
63 100
112 0.2 3.0 4.6#

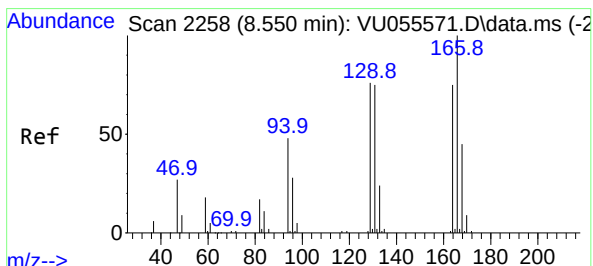
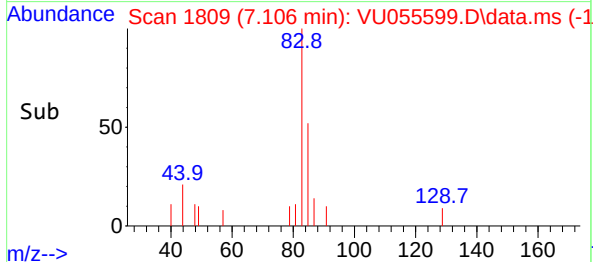
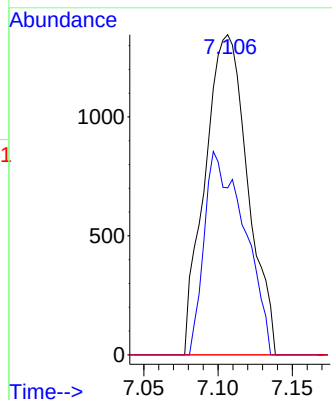
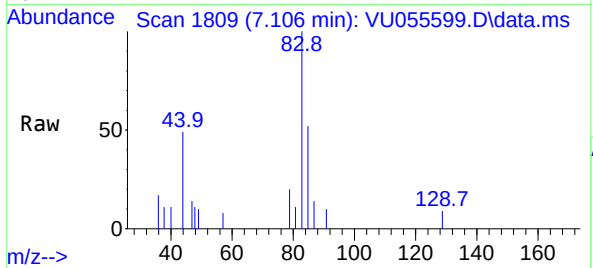




#38
Bromodichloromethane
Concen: 0.155 ug/L
RT: 7.106 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU055599.D
Acq: 02 Oct 2023 12:41

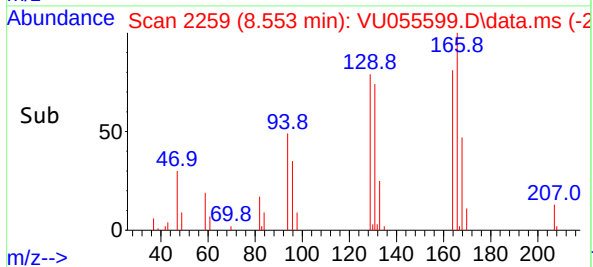
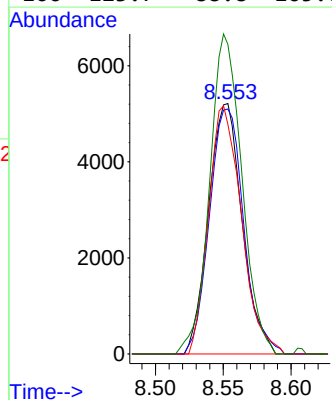
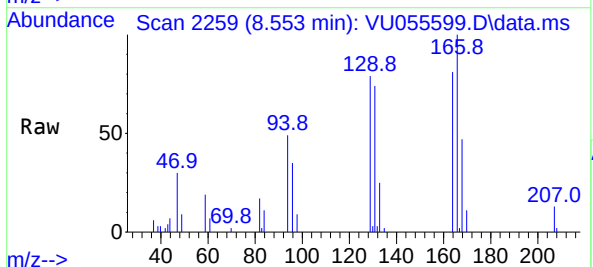
Instrument :
MSVOA_U
ClientSampleId :

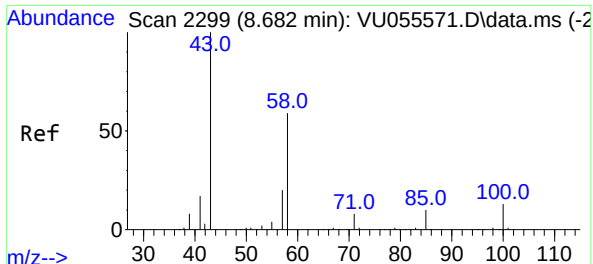
Tgt Ion: 83 Resp: 2705
Ion Ratio Lower Upper
83 100
85 52.2 46.8 86.8
127 0.0 7.2 10.8#



#47
Tetrachloroethene
Concen: 0.775 ug/L
RT: 8.553 min Scan# 2259
Delta R.T. 0.003 min
Lab File: VU055599.D
Acq: 02 Oct 2023 12:41

Tgt Ion: 164 Resp: 8986
Ion Ratio Lower Upper
164 100
129 97.9 67.4 125.2
131 91.7 66.4 123.2
166 123.7 88.8 165.0



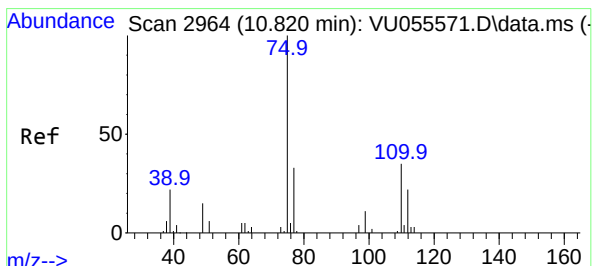
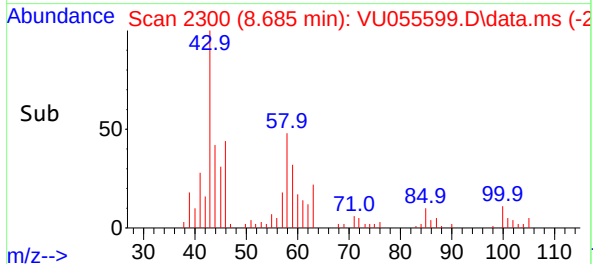
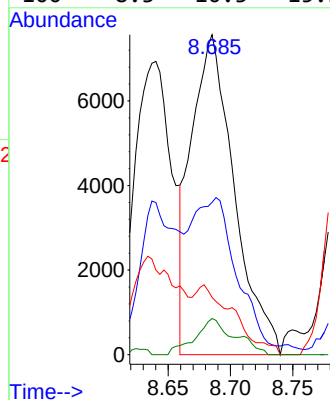
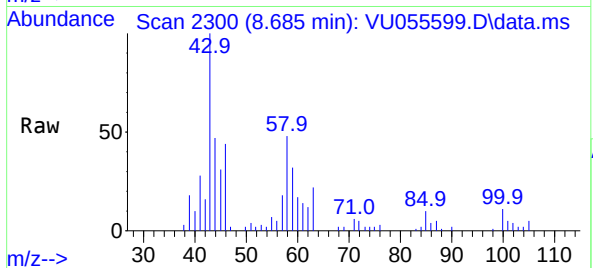


#48
2-Hexanone
Concen: 3.454 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU055599.D
Acq: 02 Oct 2023 12:41

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 18135

Ion	Ratio	Lower	Upper
43	100		
58	48.9	48.5	72.7
57	19.2	17.0	25.4
100	8.3	10.3	15.5#



#61
1,2,3-Trichloropropane
Concen: 1.632 ug/L
RT: 11.810 min Scan# 3272
Delta R.T. 0.990 min
Lab File: VU055599.D
Acq: 02 Oct 2023 12:41

Tgt Ion: 75 Resp: 12674

Ion	Ratio	Lower	Upper
75	100		
110	2.0	30.6	45.8#
77	34.4	26.7	40.1

