

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102723\
 Data File : VU055956.D
 Acq On : 28 Oct 2023 05:43
 Operator : MD/SY
 Sample : 05103-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 28 07:41:44 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)

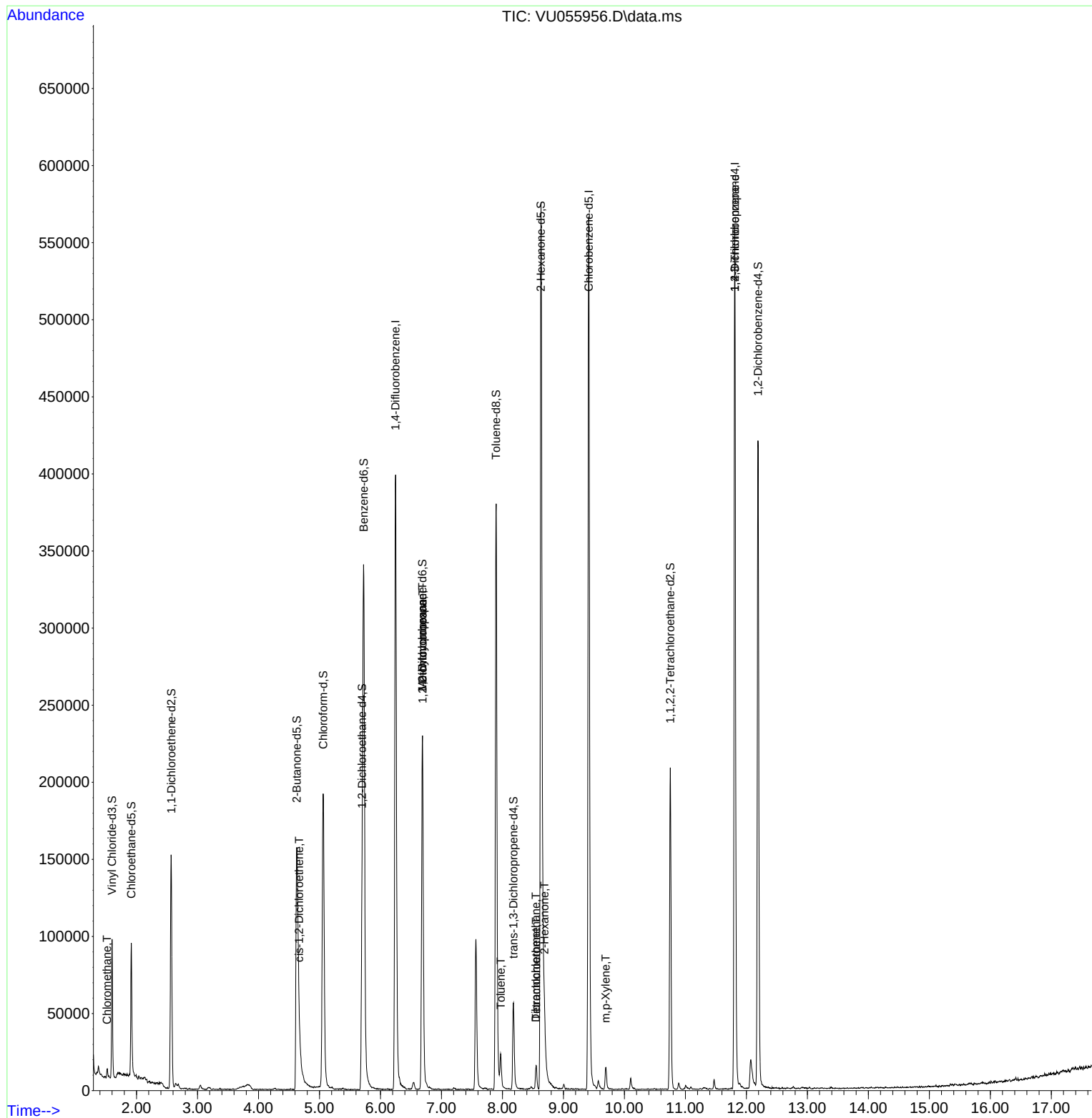
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	346576	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	346041	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	159623	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	64969	2.370	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	47.400%
7) Chloroethane-d5	1.914	69	64107	3.000	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	60.000%#
11) 1,1-Dichloroethene-d2	2.570	65	29666	2.549	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	51.000%#
20) 2-Butanone-d5	4.627	46	278447	56.931	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.860%
24) Chloroform-d	5.061	84	187955	3.700	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.000%
26) 1,2-Dichloroethane-d4	5.698	65	94971	3.837	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.800%
32) Benzene-d6	5.727	84	340202	3.300	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	66.000%#
36) 1,2-Dichloropropane-d6	6.688	67	117845	3.857	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.200%
41) Toluene-d8	7.897	98	272275	2.912	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	58.200%#
43) trans-1,3-Dichloroprop...	8.180	79	36853	3.084	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	61.600%
46) 2-Hexanone-d5	8.630	63	207969	68.551	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	137.100%#
56) 1,1,2,2-Tetrachloroeth...	10.753	84	106371	4.780	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	118125	3.966	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	79.400%#
Target Compounds						Qvalue
3) Chloromethane	1.518	50	3546	0.188	ug/L	99
22) cis-1,2-Dichloroethene	4.666	96	2095	0.104	ug/L	86
35) Methylcyclohexane	6.688	83	27388	0.950	ug/L #	18
37) 1,2-Dichloropropane	6.692	63	12561	0.619	ug/L #	89
42) Toluene	7.971	91	15666	0.196	ug/L	97
47) Tetrachloroethene	8.553	164	3458	0.231	ug/L	92
48) 2-Hexanone	8.688	43	22886	2.978	ug/L #	87
49) Dibromochloromethane	8.550	129	3664	0.234	ug/L #	11
53) m,p-Xylene	9.695	106	4911	0.145	ug/L	77
61) 1,2,3-Trichloropropane	11.810	75	18560	1.694	ug/L #	67

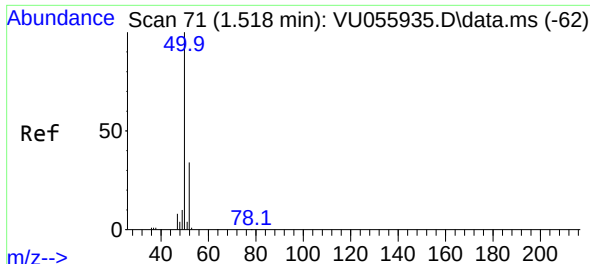
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102723\
Data File : VU055956.D
Acq On : 28 Oct 2023 05:43
Operator : MD/SY
Sample : 05103-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Oct 28 07:41:44 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

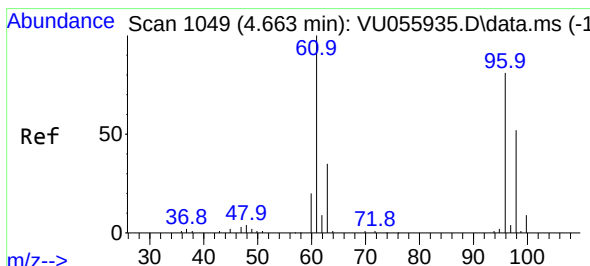
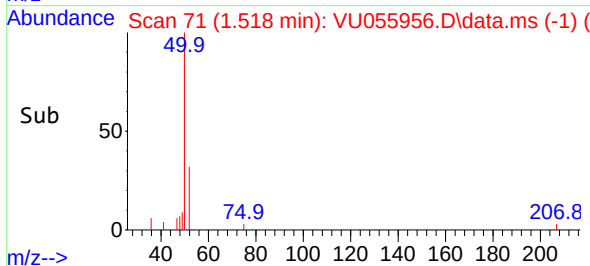
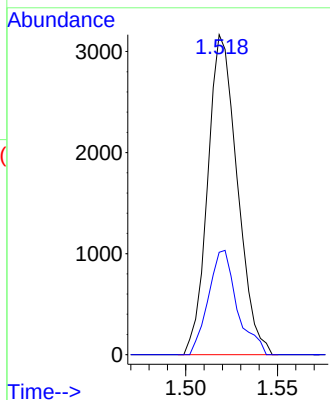
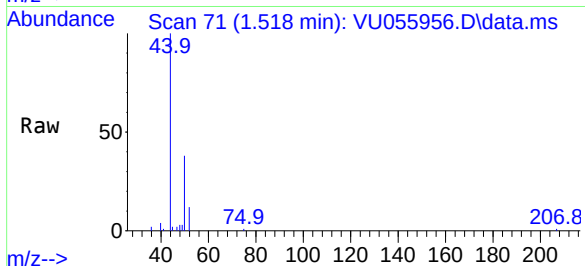




#3
Chloromethane
Concen: 0.188 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU055956.D
Acq: 28 Oct 2023 05:43

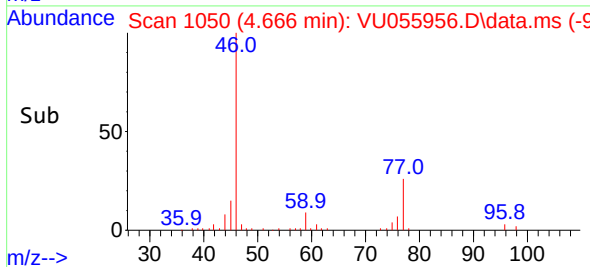
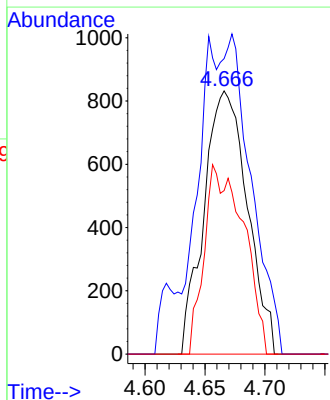
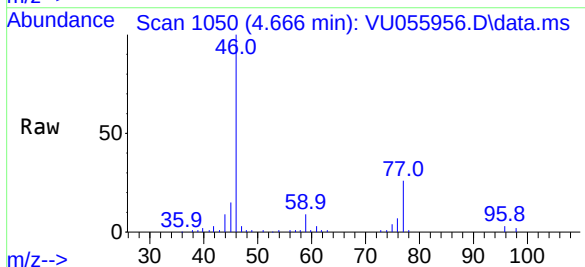
Instrument :
MSVOA_U
ClientSampleId :

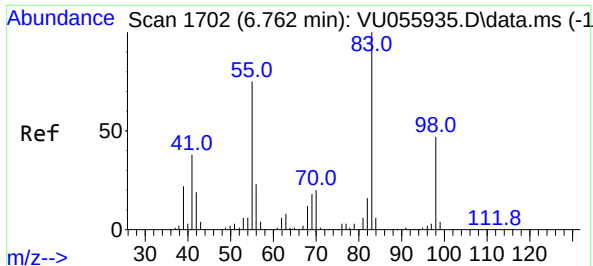
Tgt Ion: 50 Resp: 3546
Ion Ratio Lower Upper
50 100
52 32.0 22.0 40.8



#22
cis-1,2-Dichloroethene
Concen: 0.104 ug/L
RT: 4.666 min Scan# 1050
Delta R.T. 0.003 min
Lab File: VU055956.D
Acq: 28 Oct 2023 05:43

Tgt Ion: 96 Resp: 2095
Ion Ratio Lower Upper
96 100
61 112.3 93.8 174.2
98 62.1 45.6 84.8

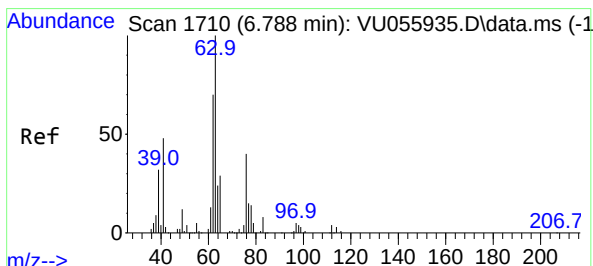
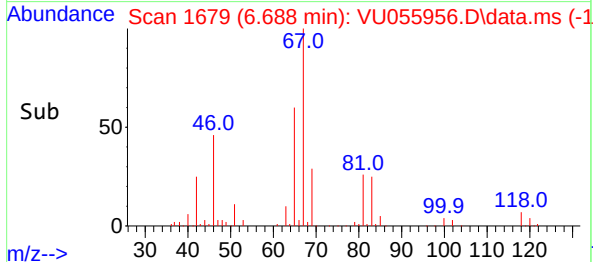
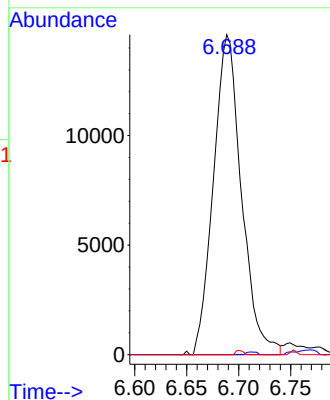
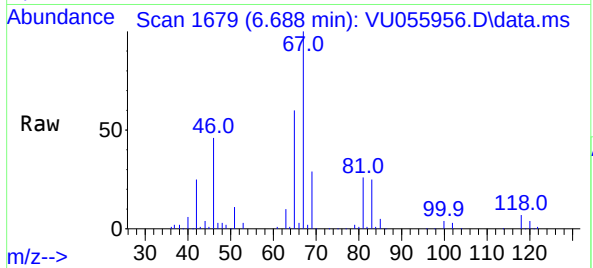




#35
Methylcyclohexane
Concen: 0.950 ug/L
RT: 6.688 min Scan# 1680
Delta R.T. -0.071 min
Lab File: VU055956.D
Acq: 28 Oct 2023 05:43

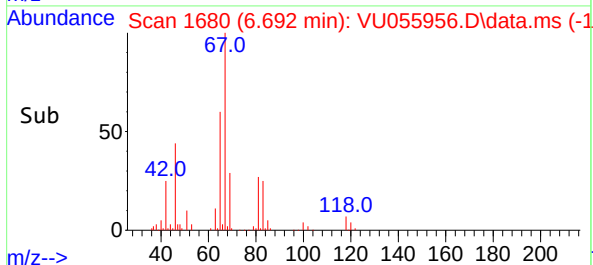
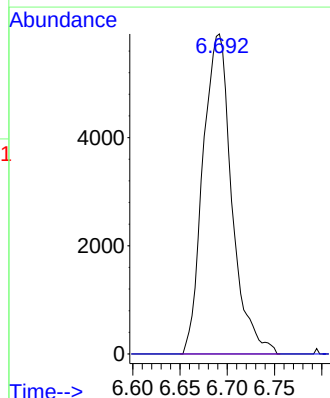
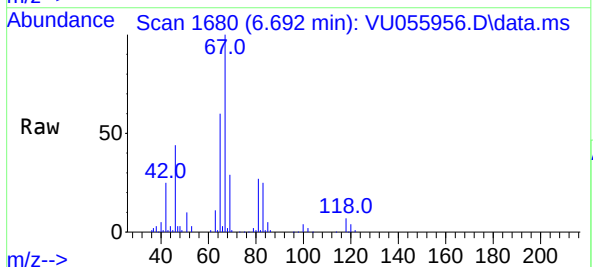
Instrument :
MSVOA_U
ClientSampleId :

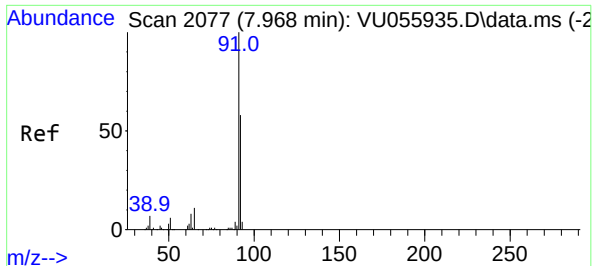
Tgt Ion: 83 Resp: 27388
Ion Ratio Lower Upper
83 100
55 0.3 62.4 93.6#
98 0.4 37.4 56.2#



#37
1,2-Dichloropropane
Concen: 0.619 ug/L
RT: 6.692 min Scan# 1680
Delta R.T. -0.093 min
Lab File: VU055956.D
Acq: 28 Oct 2023 05:43

Tgt Ion: 63 Resp: 12561
Ion Ratio Lower Upper
63 100
112 0.2 3.1 4.7#

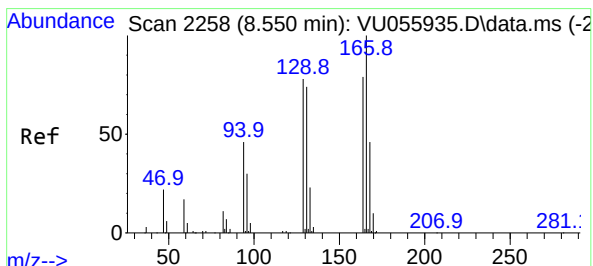
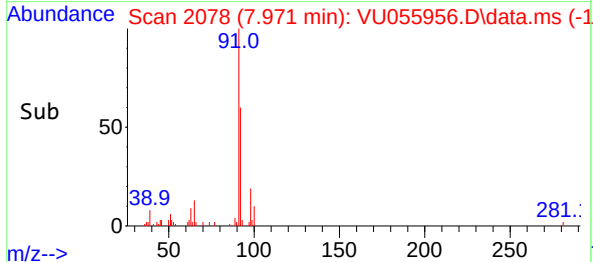
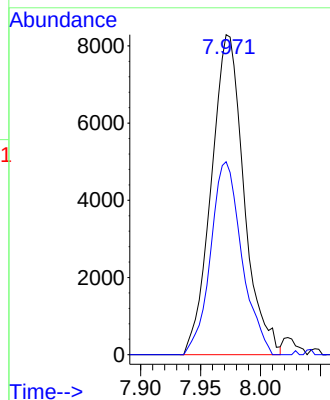
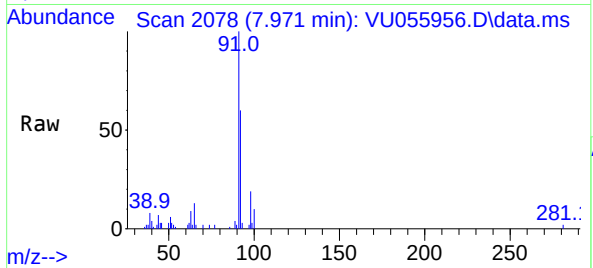




#42
Toluene
Concen: 0.196 ug/L
RT: 7.971 min Scan# 2077
Delta R.T. 0.006 min
Lab File: VU055956.D
Acq: 28 Oct 2023 05:43

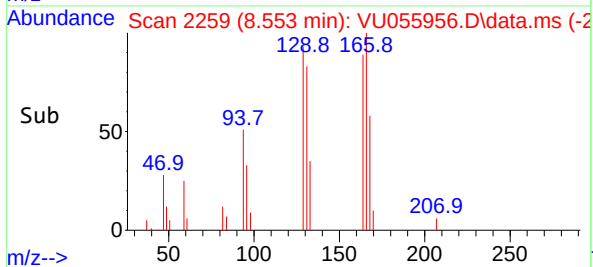
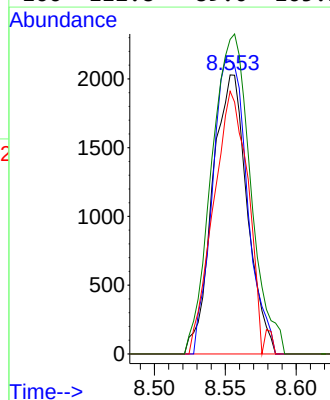
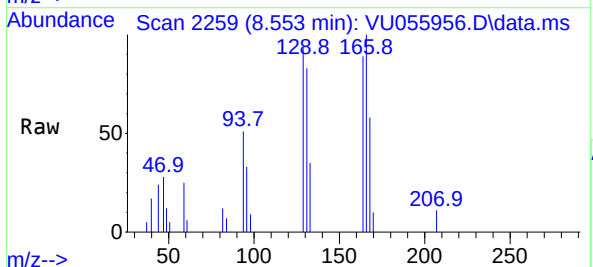
Instrument :
MSVOA_U
ClientSampleId :

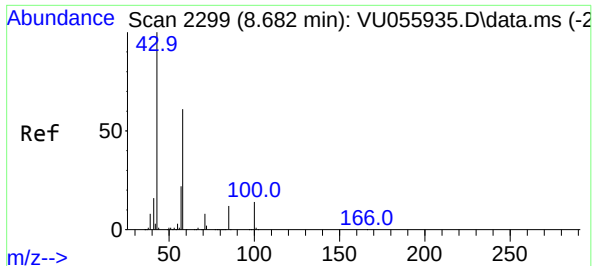
Tgt Ion: 91 Resp: 15666
Ion Ratio Lower Upper
91 100
92 60.3 40.6 75.4



#47
Tetrachloroethene
Concen: 0.231 ug/L
RT: 8.553 min Scan# 2259
Delta R.T. 0.003 min
Lab File: VU055956.D
Acq: 28 Oct 2023 05:43

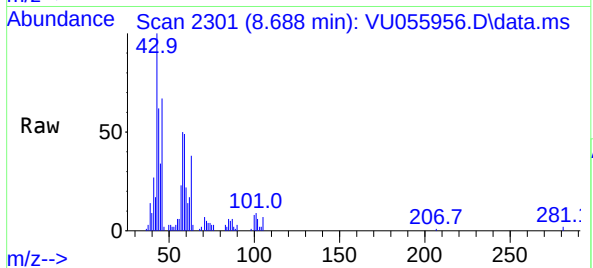
Tgt Ion: 164 Resp: 3458
Ion Ratio Lower Upper
164 100
129 105.3 72.2 134.0
131 94.1 70.8 131.6
166 112.8 89.0 165.2



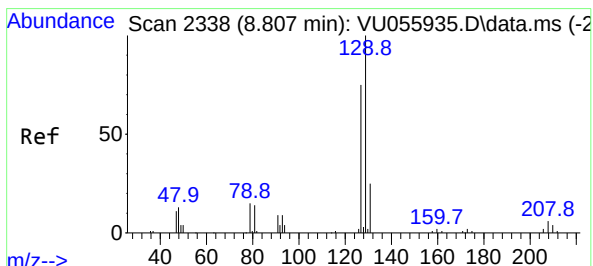
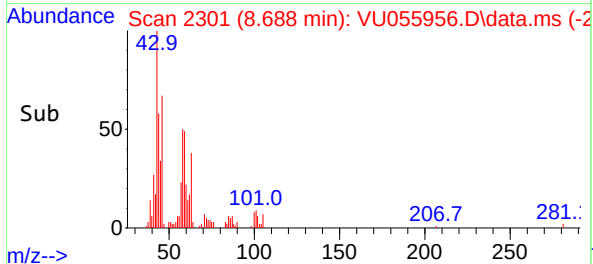
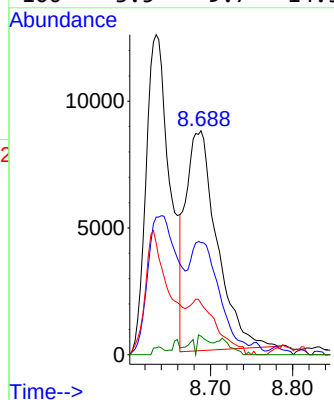


#48
2-Hexanone
Concen: 2.978 ug/L
RT: 8.688 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU055956.D
Acq: 28 Oct 2023 05:43

Instrument :
MSVOA_U
ClientSampleId :

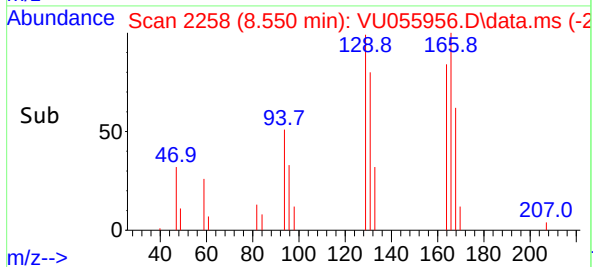
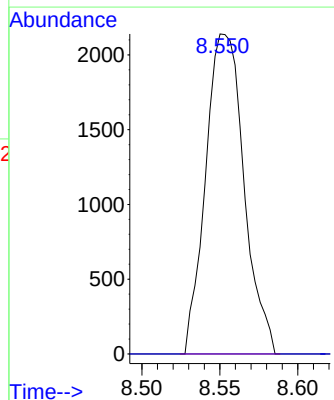
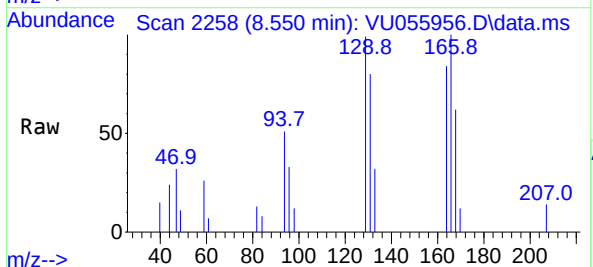


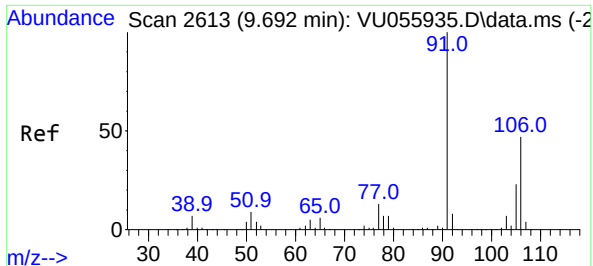
Tgt Ion: 43 Resp: 22886
Ion Ratio Lower Upper
43 100
58 50.1 49.5 74.3
57 21.1 16.9 25.3
100 3.5 9.7 14.5#



#49
Dibromochloromethane
Concen: 0.234 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.254 min
Lab File: VU055956.D
Acq: 28 Oct 2023 05:43

Tgt Ion: 129 Resp: 3664
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.5#

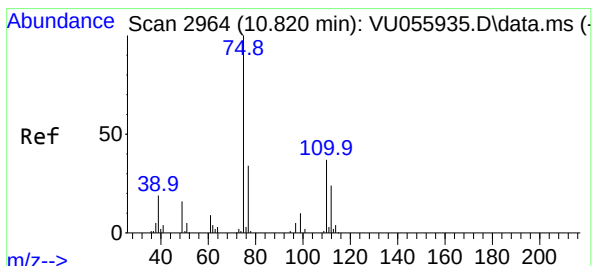
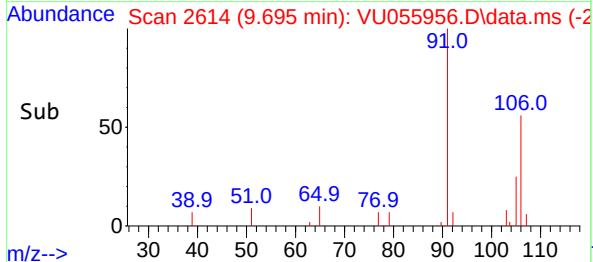
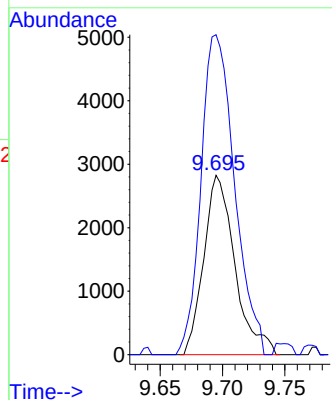
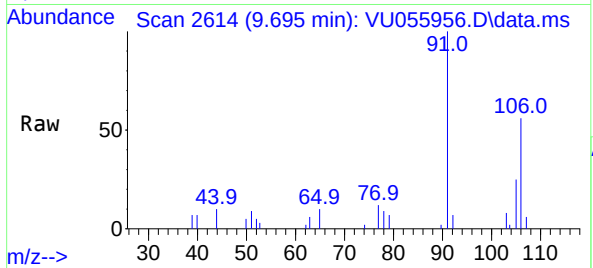




#53
m,p-Xylene
Concen: 0.145 ug/L
RT: 9.695 min Scan# 20
Delta R.T. 0.003 min
Lab File: VU055956.D
Acq: 28 Oct 2023 05:43

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:106 Resp: 4911
Ion Ratio Lower Upper
106 100
91 178.4 150.4 279.2



#61
1,2,3-Trichloropropane
Concen: 1.694 ug/L
RT: 11.810 min Scan# 3272
Delta R.T. 0.993 min
Lab File: VU055956.D
Acq: 28 Oct 2023 05:43

Tgt Ion: 75 Resp: 18560
Ion Ratio Lower Upper
75 100
110 1.9 29.0 43.6#
77 32.4 24.5 36.7

