

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU083123\
 Data File : VU055022.D
 Acq On : 31 Aug 2023 15:35
 Operator : MD/SY
 Sample : 04209-20DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 01 05:01:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 01 04:57:47 2023
 Response via : Initial Calibration

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

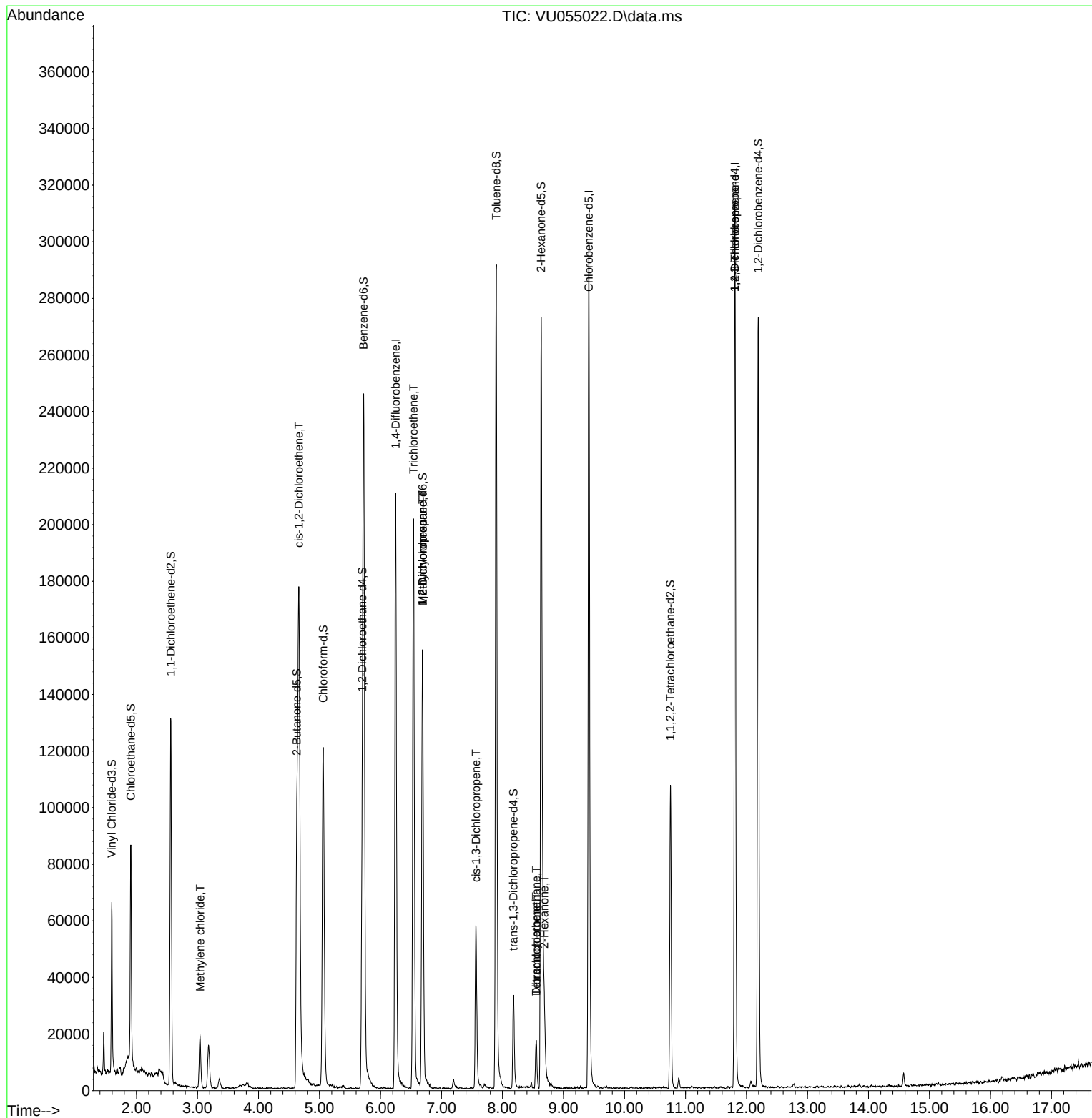
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	169957	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	161761	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	79802	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	43406	8.092	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	161.800%#
7) Chloroethane-d5	1.907	69	52111	7.519	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	150.400%#
11) 1,1-Dichloroethene-d2	2.563	65	24065	7.937	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	158.800%#
20) 2-Butanone-d5	4.628	46	136844	47.260	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.520%
24) Chloroform-d	5.058	84	111106	5.584	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.600%
26) 1,2-Dichloroethane-d4	5.702	65	59064	5.578	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.600%
32) Benzene-d6	5.724	84	227119	6.246	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	125.000%
36) 1,2-Dichloropropane-d6	6.689	67	73352	5.736	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	114.800%
41) Toluene-d8	7.898	98	198753	5.707	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.200%
43) trans-1,3-Dichloroprop...	8.181	79	19588	4.654	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.000%
46) 2-Hexanone-d5	8.634	63	86117	43.111	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.220%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	52776	4.813	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.200%
66) 1,2-Dichlorobenzene-d4	12.193	152	70101	5.502	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.000%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.042	84	7959	0.675	ug/L	99
22) cis-1,2-Dichloroethene	4.663	96	74602	7.461	ug/L	91
34) Trichloroethene	6.541	95	66796	6.316	ug/L	96
35) Methylcyclohexane	6.689	83	16964	1.084	ug/L #	18
37) 1,2-Dichloropropane	6.689	63	8261	0.777	ug/L #	90
39) cis-1,3-Dichloropropene	7.566	75	1963	0.128	ug/L #	76
47) Tetrachloroethene	8.553	164	3869	0.509	ug/L	77
48) 2-Hexanone	8.685	43	13906	3.166	ug/L #	84
49) Dibromochloromethane	8.553	129	3781	0.455	ug/L #	6
61) 1,2,3-Trichloropropane	11.811	75	10501	1.767	ug/L #	67

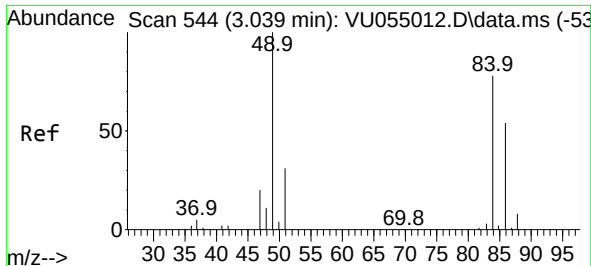
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU083123\
Data File : VU055022.D
Acq On : 31 Aug 2023 15:35
Operator : MD/SY
Sample : 04209-20DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

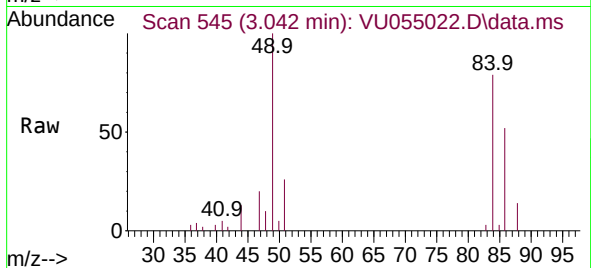
Quant Time: Sep 01 05:01:03 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 01 04:57:47 2023
Response via : Initial Calibration





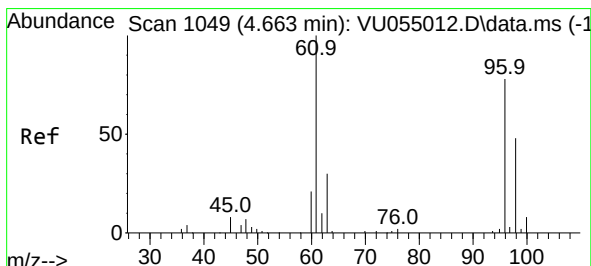
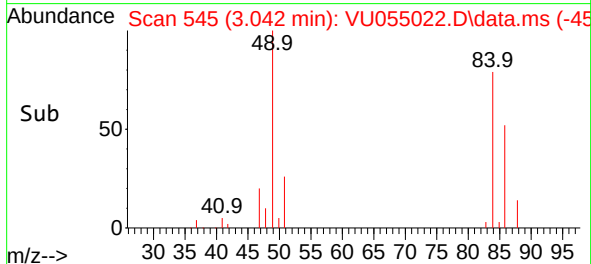
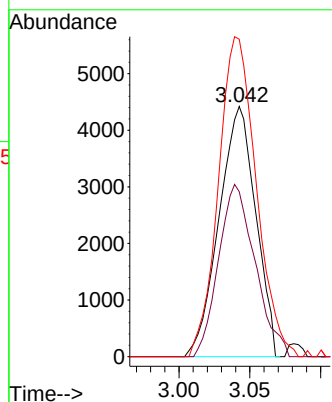
#16
Methylene chloride
Concen: 0.675 ug/L
RT: 3.042 min Scan# 544
Delta R.T. 0.003 min
Lab File: VU055022.D
Acq: 31 Aug 2023 15:35

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 84 Resp: 7959

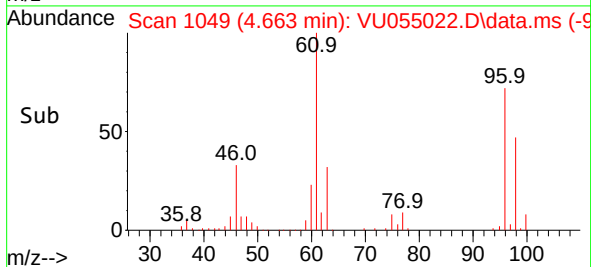
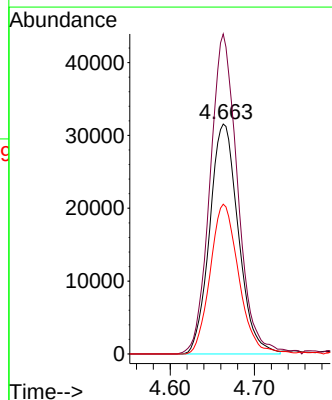
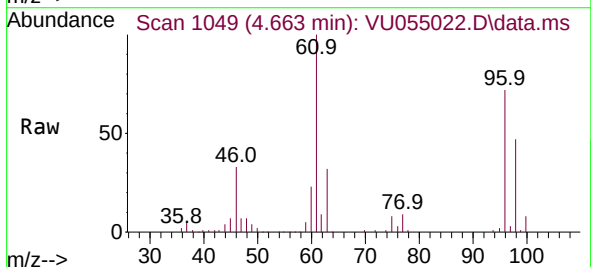
Ion	Ratio	Lower	Upper
84	100		
86	65.9	45.1	83.7
49	126.9	89.5	166.3

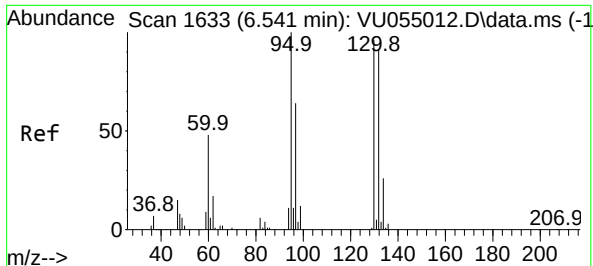


#22
cis-1,2-Dichloroethene
Concen: 7.461 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VU055022.D
Acq: 31 Aug 2023 15:35

Tgt Ion: 96 Resp: 74602

Ion	Ratio	Lower	Upper
96	100		
61	139.2	88.4	164.2
98	65.1	44.0	81.6





#34

Trichloroethene

Concen: 6.316 ug/L

RT: 6.541 min Scan# 1

Delta R.T. 0.000 min

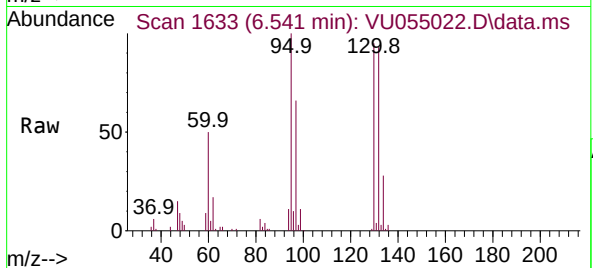
Lab File: VU055022.D

Acq: 31 Aug 2023 15:35

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 66796

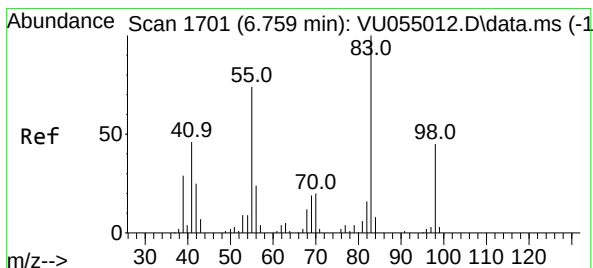
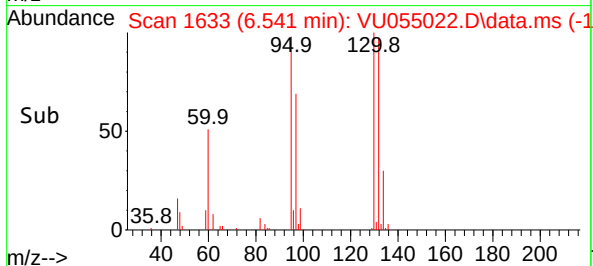
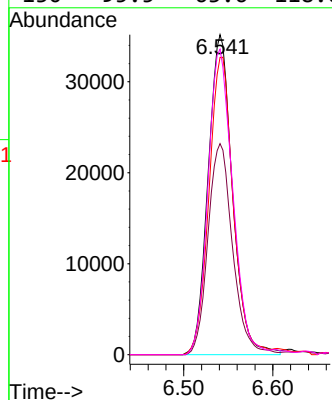
Ion Ratio Lower Upper

95 100

97 66.0 44.1 81.9

132 92.9 63.6 118.2

130 95.5 63.6 118.0



#35

Methylcyclohexane

Concen: 1.084 ug/L

RT: 6.689 min Scan# 1679

Delta R.T. -0.071 min

Lab File: VU055022.D

Acq: 31 Aug 2023 15:35

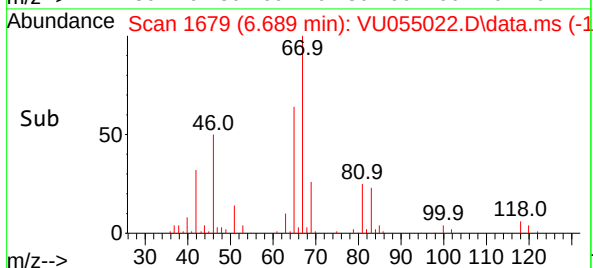
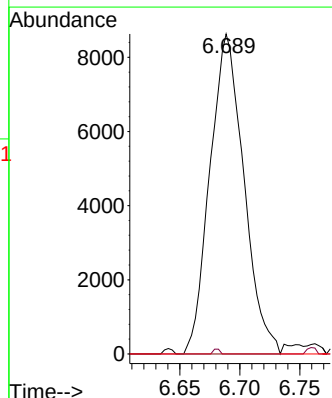
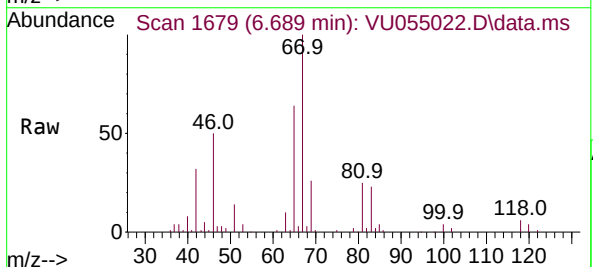
Tgt Ion: 83 Resp: 16964

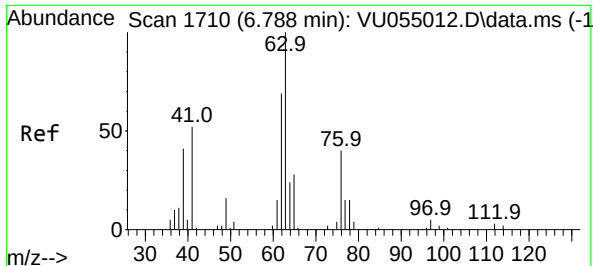
Ion Ratio Lower Upper

83 100

55 0.3 62.1 93.1#

98 0.0 37.8 56.6#





#37

1,2-Dichloropropane

Concen: 0.777 ug/L

RT: 6.689 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU055022.D

Acq: 31 Aug 2023 15:35

Instrument :

MSVOA_U

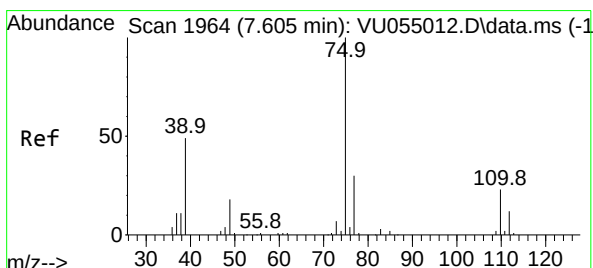
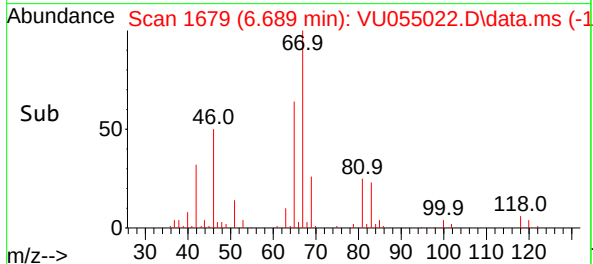
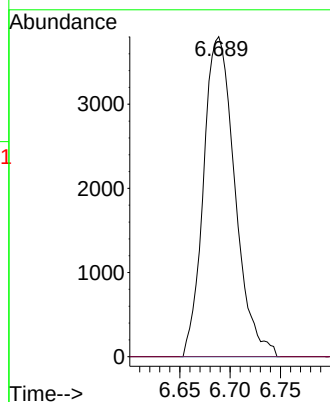
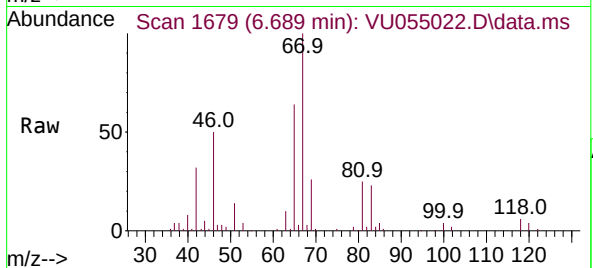
ClientSampleId :

Tgt Ion: 63 Resp: 8261

Ion Ratio Lower Upper

63 100

112 0.0 2.7 4.1#



#39

cis-1,3-Dichloropropene

Concen: 0.128 ug/L

RT: 7.566 min Scan# 1952

Delta R.T. -0.038 min

Lab File: VU055022.D

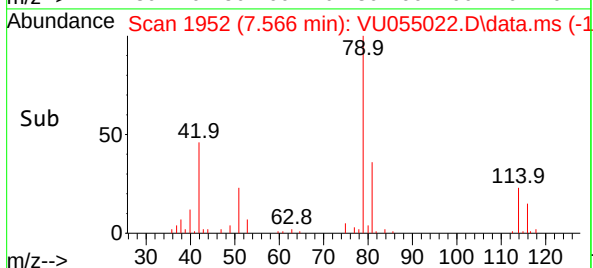
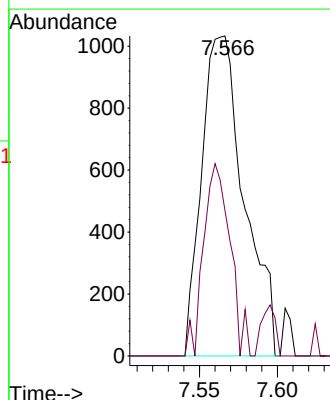
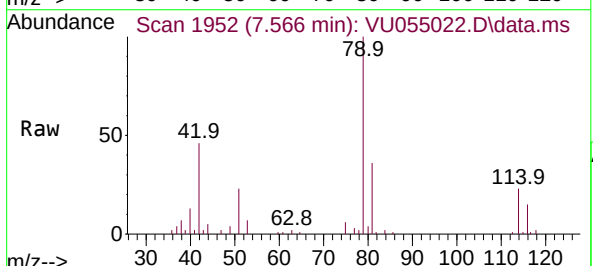
Acq: 31 Aug 2023 15:35

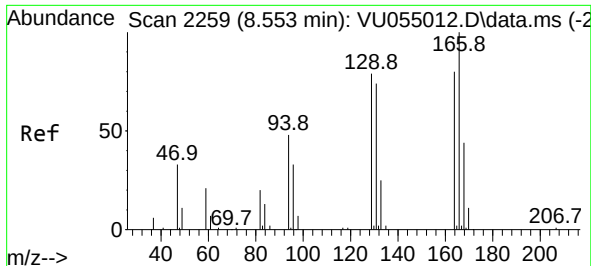
Tgt Ion: 75 Resp: 1963

Ion Ratio Lower Upper

75 100

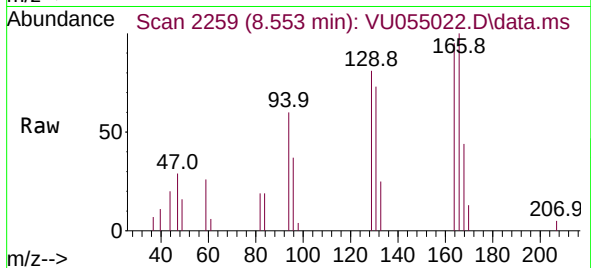
77 45.4 22.5 41.7#



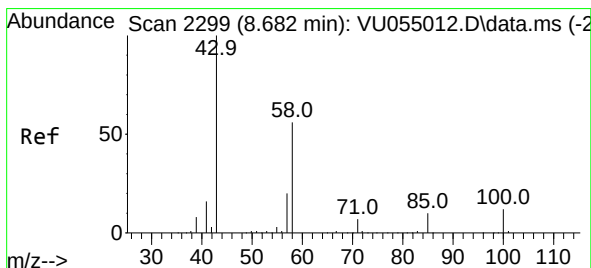
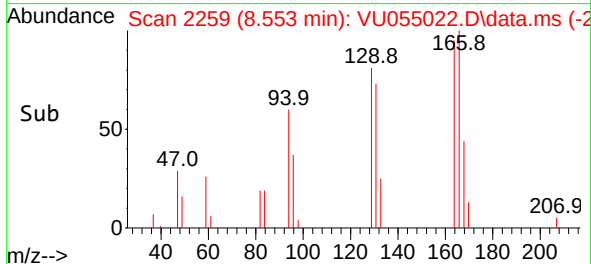
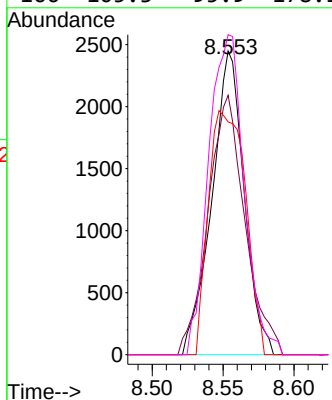


#47
Tetrachloroethene
Concen: 0.509 ug/L
RT: 8.553 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055022.D
Acq: 31 Aug 2023 15:35

Instrument :
MSVOA_U
ClientSampleId :

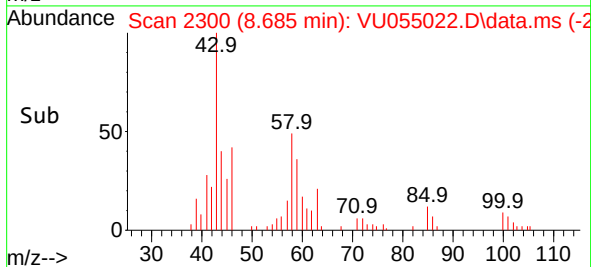
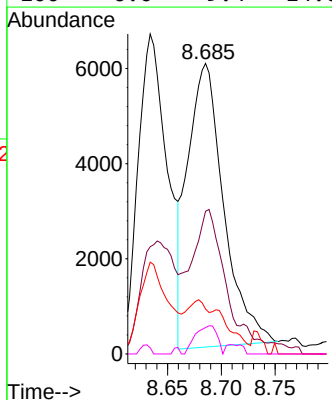
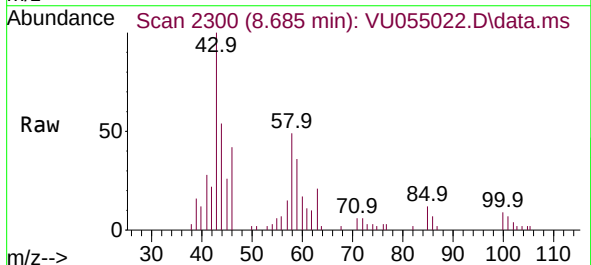


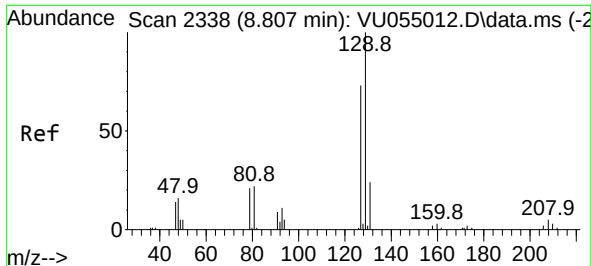
Tgt	Ion:164	Resp:	3869
Ion	Ratio	Lower	Upper
164	100		
129	85.4	72.8	135.2
131	76.6	70.7	131.3
166	105.3	95.9	178.1



#48
2-Hexanone
Concen: 3.166 ug/L
RT: 8.685 min Scan# 2300
Delta R.T. 0.003 min
Lab File: VU055022.D
Acq: 31 Aug 2023 15:35

Tgt	Ion: 43	Resp:	13906
Ion	Ratio	Lower	Upper
43	100		
58	48.9	44.0	66.0
57	3.1	15.9	23.9#
100	6.0	9.4	14.0#





#49

Dibromochloromethane

Concen: 0.455 ug/L

RT: 8.553 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU055022.D

Acq: 31 Aug 2023 15:35

Instrument :

MSVOA_U

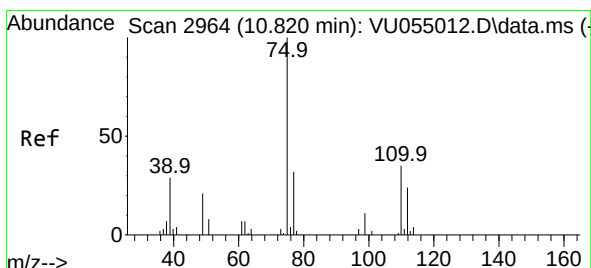
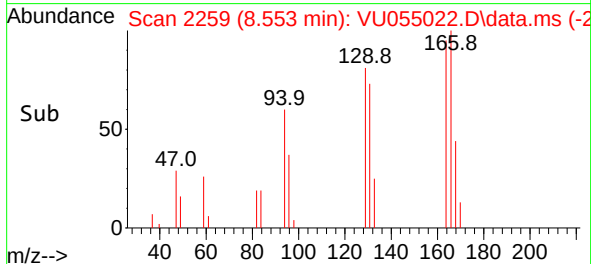
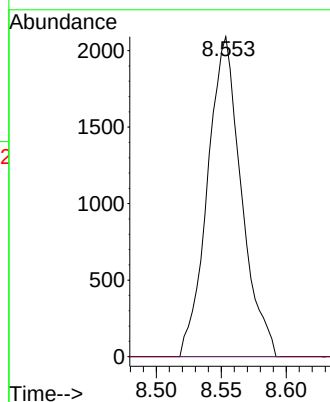
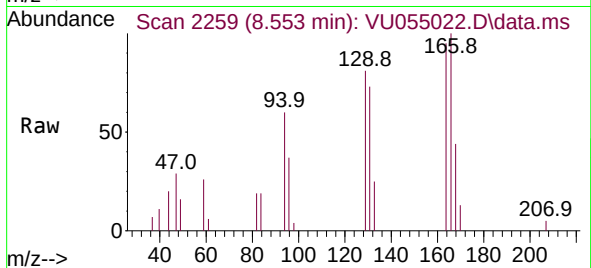
ClientSampleId :

Tgt Ion:129 Resp: 3781

Ion Ratio Lower Upper

129 100

127 0.0 60.5 112.5#



#61

1,2,3-Trichloropropane

Concen: 1.767 ug/L

RT: 11.811 min Scan# 3272

Delta R.T. 0.990 min

Lab File: VU055022.D

Acq: 31 Aug 2023 15:35

Tgt Ion: 75 Resp: 10501

Ion Ratio Lower Upper

75 100

110 2.6 29.0 43.6#

77 37.0 26.5 39.7

