

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082823\
 Data File : VU054935.D
 Acq On : 28 Aug 2023 19:51
 Operator : MD/SY
 Sample : 04173-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COAL6

Quant Time: Aug 29 05:01:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 29 04:51:39 2023
 Response via : Initial Calibration

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

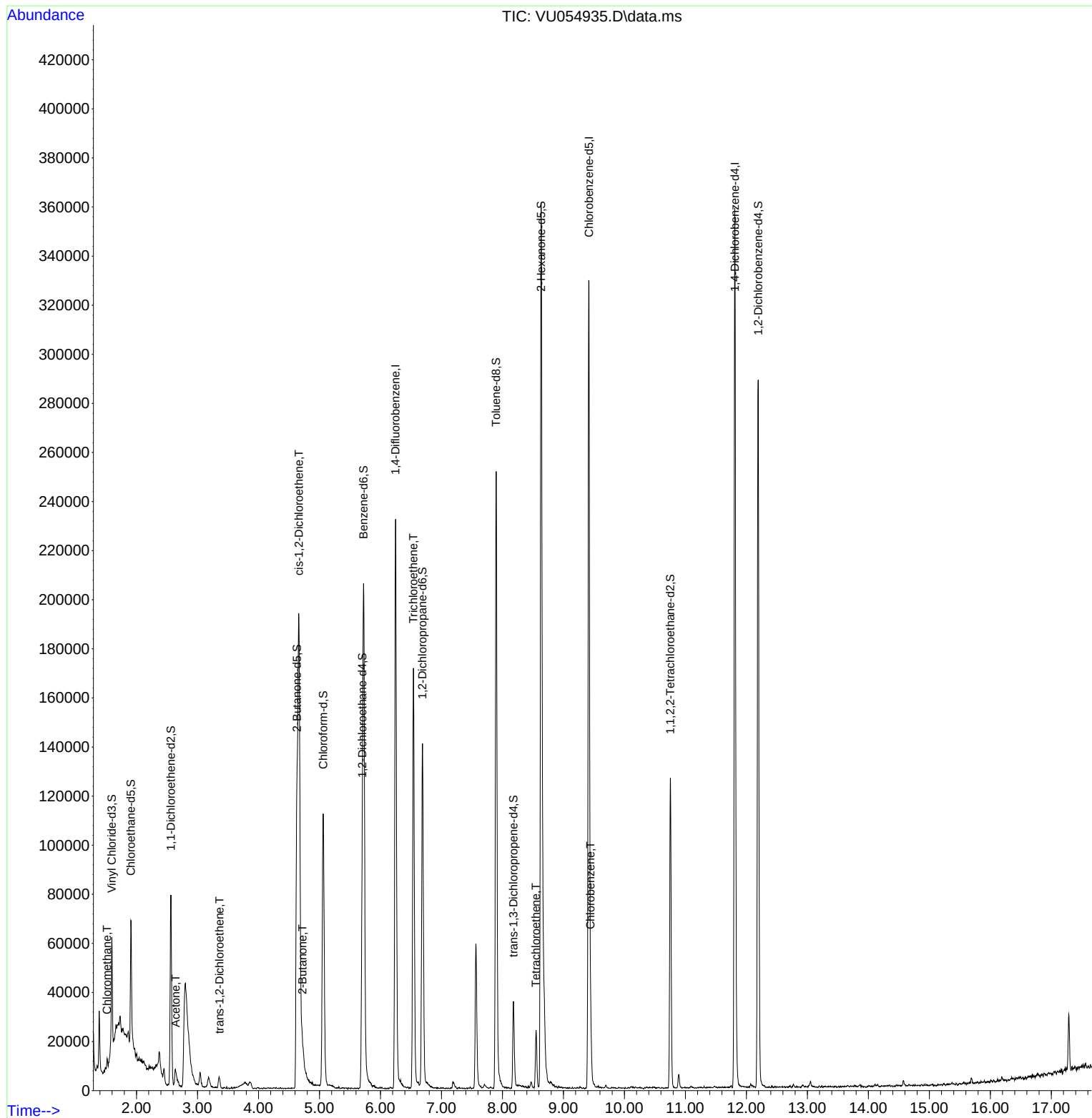
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	183547	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	178871	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	93649	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	27174	4.691	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.800%
7) Chloroethane-d5	1.907	69	36592	4.889	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.800%
11) 1,1-Dichloroethene-d2	2.563	65	15037	4.593	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.800%
20) 2-Butanone-d5	4.631	46	180926	57.858	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.720%
24) Chloroform-d	5.062	84	102449	4.767	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.701	65	58615	5.126	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.600%
32) Benzene-d6	5.724	84	186483	4.638	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
36) 1,2-Dichloropropane-d6	6.689	67	66989	4.737	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.897	98	171121	4.444	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
43) trans-1,3-Dichloroprop...	8.180	79	21218	4.559	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.200%
46) 2-Hexanone-d5	8.634	63	123541	55.930	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.860%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	60395	4.980	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	12.193	152	73112	4.890	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	3566	0.300	ug/L	97
13) Acetone	2.644	43	10873	6.433	ug/L	100
18) trans-1,2-Dichloroethene	3.361	96	1542	0.170	ug/L	82
21) 2-Butanone	4.721	43	24390	9.417	ug/L #	60
22) cis-1,2-Dichloroethene	4.663	96	79695	7.381	ug/L	95
34) Trichloroethene	6.541	95	56484	4.830	ug/L	97
47) Tetrachloroethene	8.550	164	4609	0.548	ug/L	91
51) Chlorobenzene	9.444	112	9825	0.322	ug/L	97

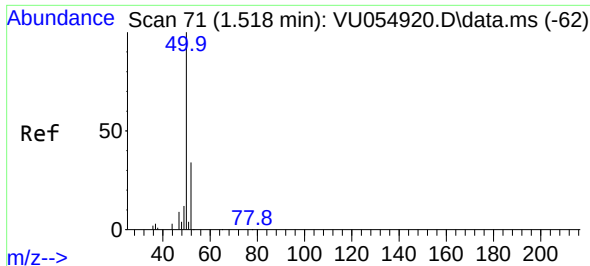
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

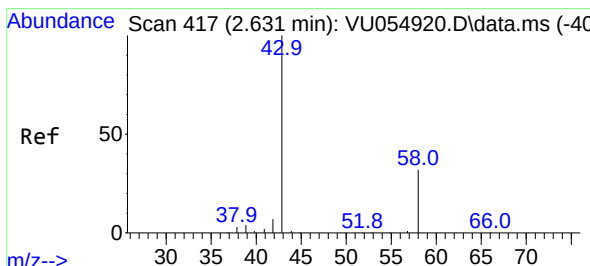
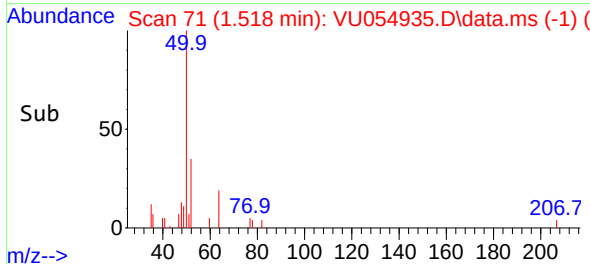
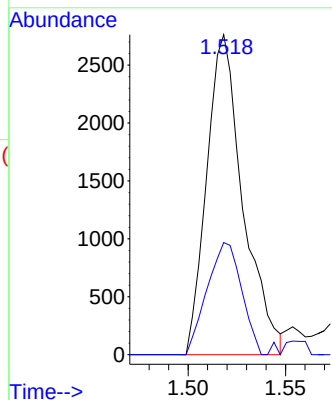
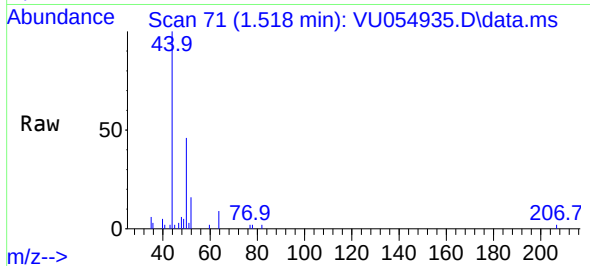




#3
Chloromethane
Concen: 0.300 ug/L
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU054935.D
Acq: 28 Aug 2023 19:51

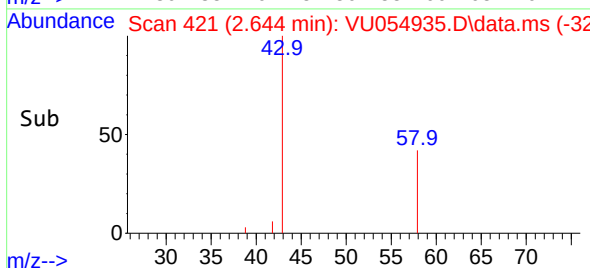
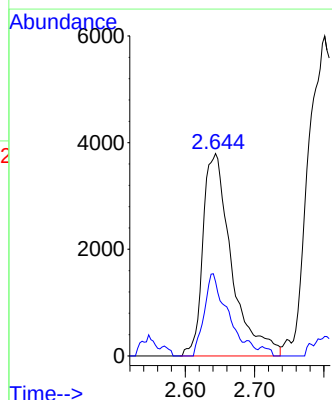
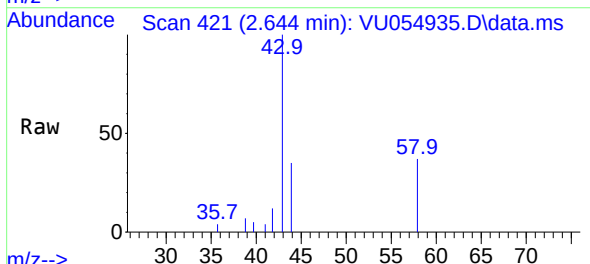
Instrument :
MSVOA_U
ClientSampleId :
COAL6

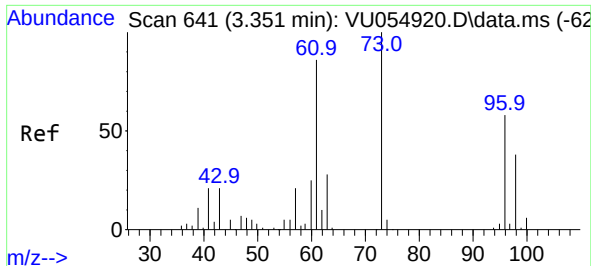
Tgt Ion: 50 Resp: 3566
Ion Ratio Lower Upper
50 100
52 35.0 23.4 43.6



#13
Acetone
Concen: 6.433 ug/L
RT: 2.644 min Scan# 421
Delta R.T. 0.013 min
Lab File: VU054935.D
Acq: 28 Aug 2023 19:51

Tgt Ion: 43 Resp: 10873
Ion Ratio Lower Upper
43 100
58 32.2 0.0 64.4

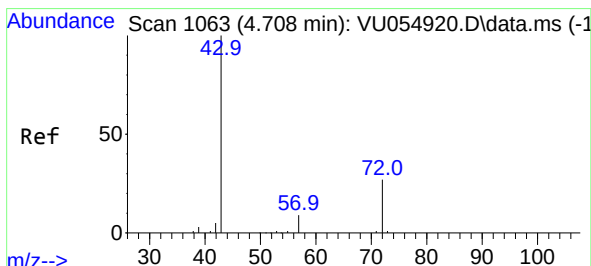
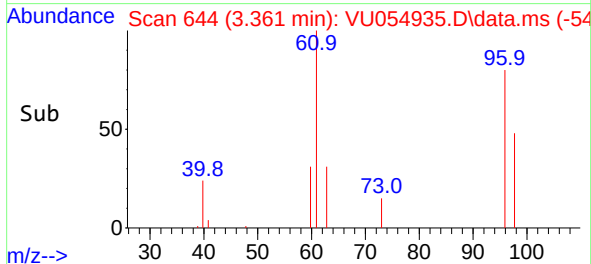
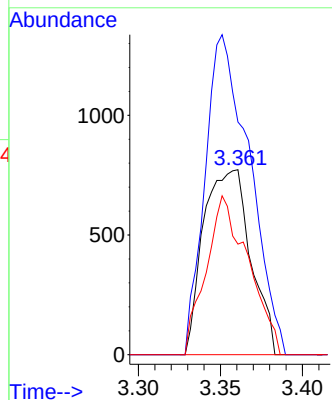
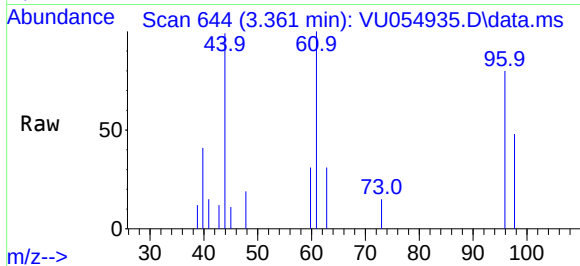




#18
trans-1,2-Dichloroethene
Concen: 0.170 ug/L
RT: 3.361 min Scan# 641
Delta R.T. 0.009 min
Lab File: VU054935.D
Acq: 28 Aug 2023 19:51

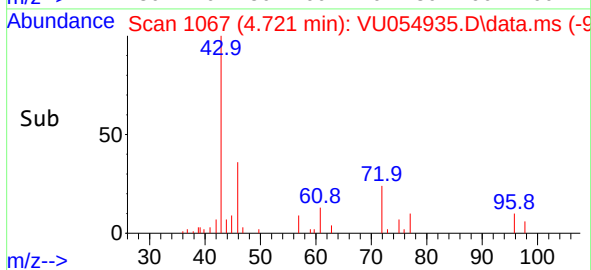
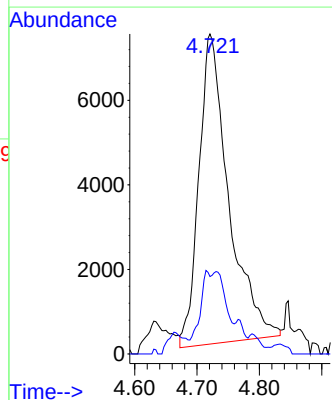
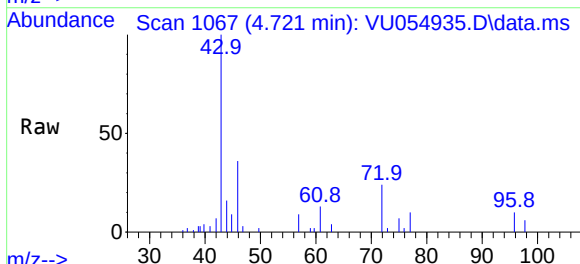
Instrument :
MSVOA_U
ClientSampleId :
C0AL6

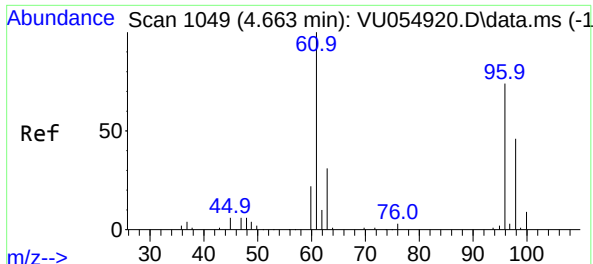
Tgt Ion: 96 Resp: 1542
Ion Ratio Lower Upper
96 100
61 125.7 108.8 202.0
98 59.8 45.8 85.2



#21
2-Butanone
Concen: 9.417 ug/L
RT: 4.721 min Scan# 1067
Delta R.T. 0.013 min
Lab File: VU054935.D
Acq: 28 Aug 2023 19:51

Tgt Ion: 43 Resp: 24390
Ion Ratio Lower Upper
43 100
72 6.9 14.1 42.3#



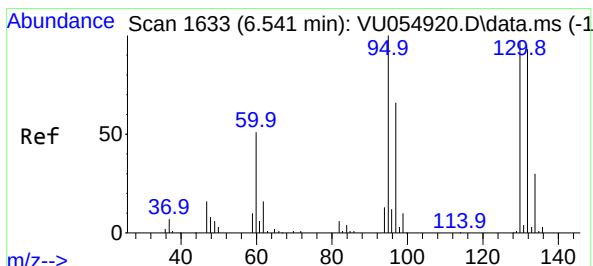
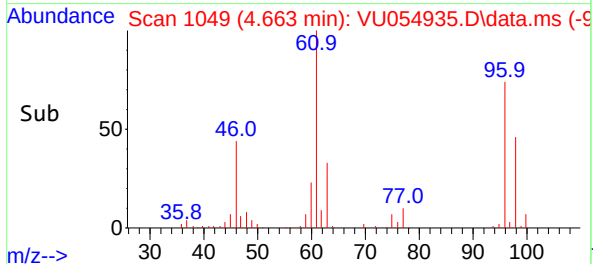
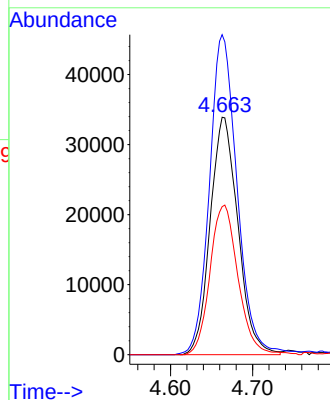
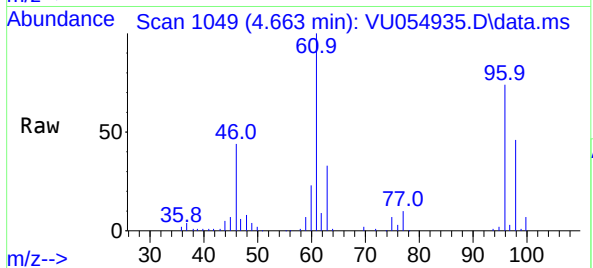


#22
 cis-1,2-Dichloroethene
 Concen: 7.381 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. -0.000 min
 Lab File: VU054935.D
 Acq: 28 Aug 2023 19:51

Instrument :
 MSVOA_U
 ClientSampleId :
 COAL6

Tgt Ion: 96 Resp: 79695

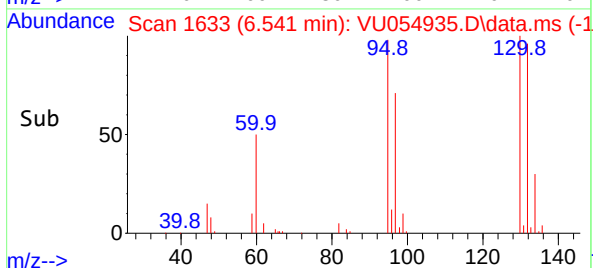
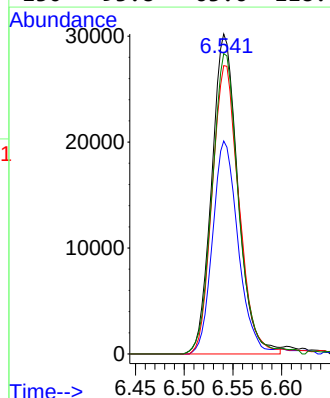
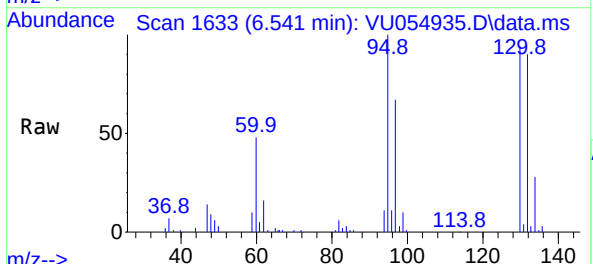
Ion	Ratio	Lower	Upper
96	100		
61	134.8	88.4	164.2
98	62.4	44.0	81.6

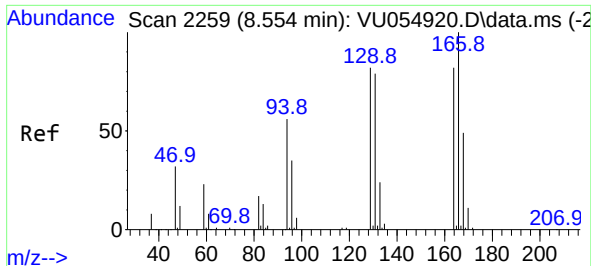


#34
 Trichloroethene
 Concen: 4.830 ug/L
 RT: 6.541 min Scan# 1633
 Delta R.T. -0.000 min
 Lab File: VU054935.D
 Acq: 28 Aug 2023 19:51

Tgt Ion: 95 Resp: 56484

Ion	Ratio	Lower	Upper
95	100		
97	66.6	44.1	81.9
132	90.1	63.6	118.2
130	93.8	63.6	118.0



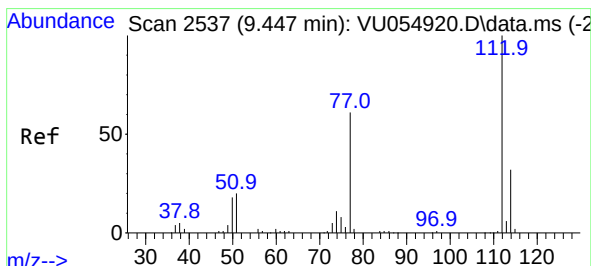
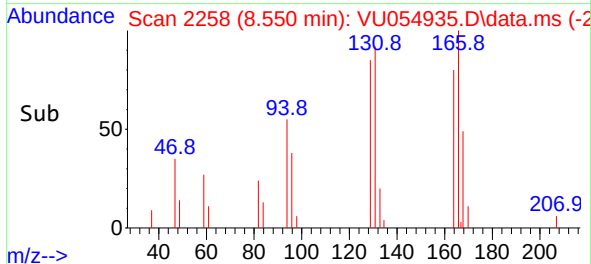
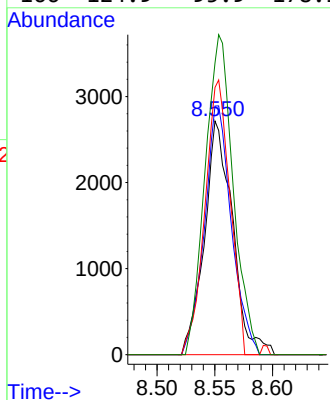
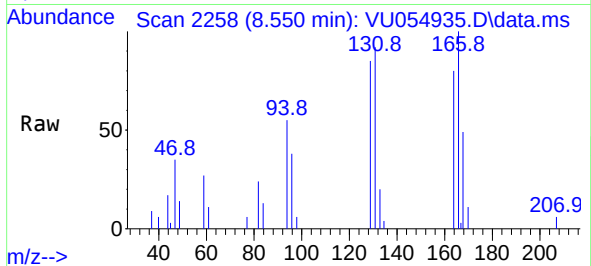


#47
Tetrachloroethene
Concen: 0.548 ug/L
RT: 8.550 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU054935.D
Acq: 28 Aug 2023 19:51

Instrument :
MSVOA_U
ClientSampleId :
C0AL6

Tgt Ion:164 Resp: 4609

Ion	Ratio	Lower	Upper
164	100		
129	106.4	72.8	135.2
131	114.4	70.7	131.3
166	124.9	95.9	178.1



#51
Chlorobenzene
Concen: 0.322 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. -0.003 min
Lab File: VU054935.D
Acq: 28 Aug 2023 19:51

Tgt Ion:112 Resp: 9825

Ion	Ratio	Lower	Upper
112	100		
114	34.7	23.4	43.4
77	59.0	49.3	73.9

