

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082923\
 Data File : VU054985.D
 Acq On : 30 Aug 2023 03:42
 Operator : MD/SY
 Sample : 04173-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COAL6

Quant Time: Aug 30 04:02:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Aug 30 01:18:16 2023
 Response via : Initial Calibration

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

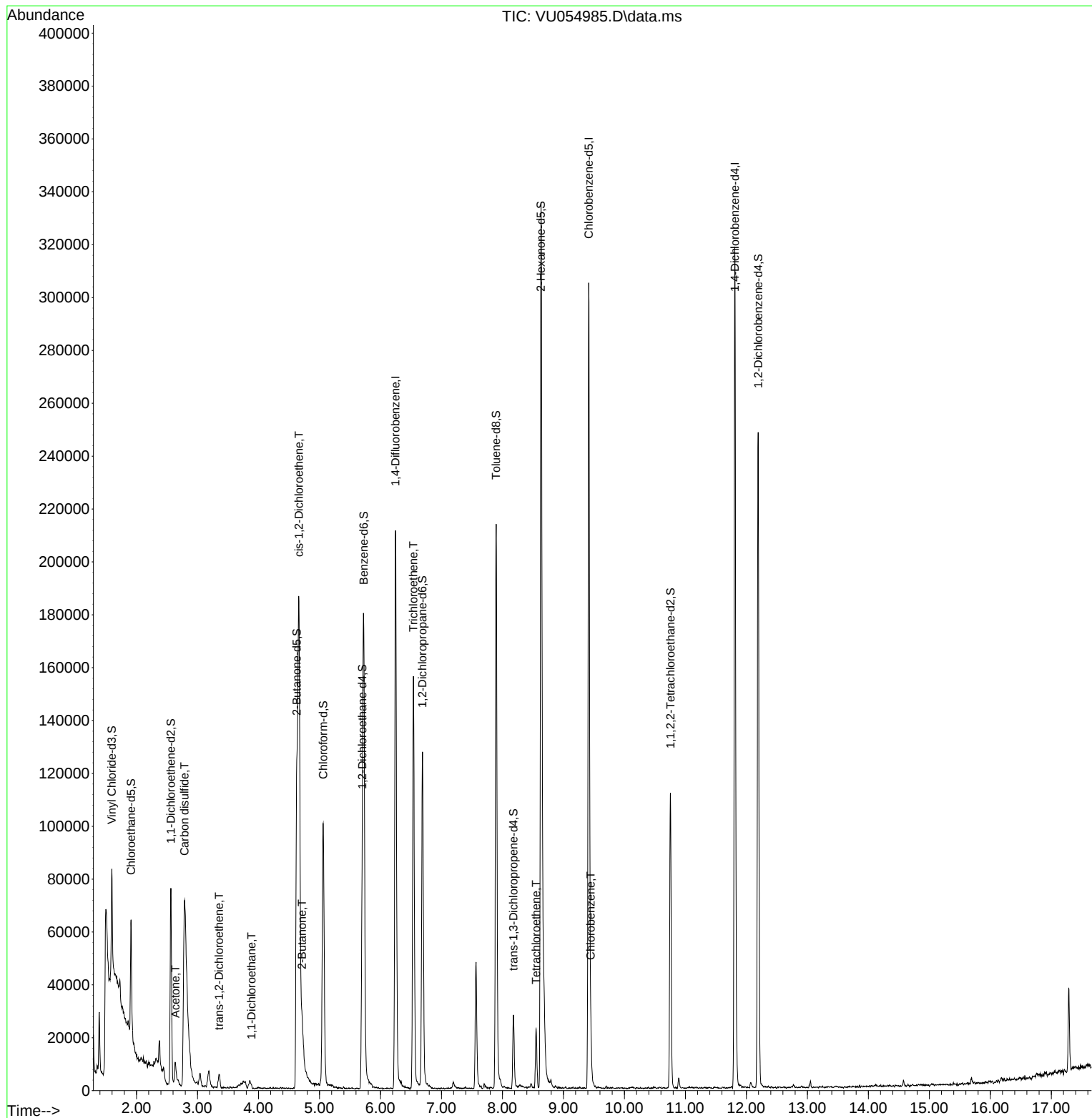
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	167578	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	164562	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	82101	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	23192	4.385	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.600%
7) Chloroethane-d5	1.911	69	30705	4.494	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	2.563	65	14123	4.724	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.400%
20) 2-Butanone-d5	4.628	46	169591	59.401	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.800%
24) Chloroform-d	5.062	84	92619	4.721	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	5.701	65	51580	4.940	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
32) Benzene-d6	5.727	84	165350	4.470	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
36) 1,2-Dichloropropane-d6	6.689	67	60253	4.631	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.600%
41) Toluene-d8	7.897	98	144714	4.085	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.600%
43) trans-1,3-Dichloroprop...	8.180	79	16739	3.910	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.200%
46) 2-Hexanone-d5	8.631	63	108553	53.418	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.840%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	55797	5.001	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.000%
66) 1,2-Dichlorobenzene-d4	12.193	152	63368	4.834	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.600%
Target Compounds						Qvalue
13) Acetone	2.637	43	13353	8.653	ug/L	99
14) Carbon disulfide	2.788	76	3527	0.168	ug/L #	89
18) trans-1,2-Dichloroethene	3.354	96	1947	0.235	ug/L #	89
19) 1,1-Dichloroethane	3.885	63	1767	0.102	ug/L #	80
21) 2-Butanone	4.714	43	32556	13.767	ug/L #	69
22) cis-1,2-Dichloroethene	4.663	96	78046	7.917	ug/L	95
34) Trichloroethene	6.541	95	52715	4.900	ug/L	98
47) Tetrachloroethene	8.553	164	4642	0.600	ug/L	91
51) Chlorobenzene	9.447	112	8890	0.317	ug/L	98

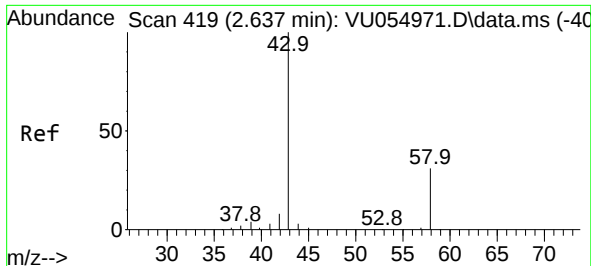
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 8.653 ug/L

RT: 2.637 min Scan# 419

Delta R.T. -0.000 min

Lab File: VU054985.D

Acq: 30 Aug 2023 03:42

Instrument :

MSVOA_U

ClientSampleId :

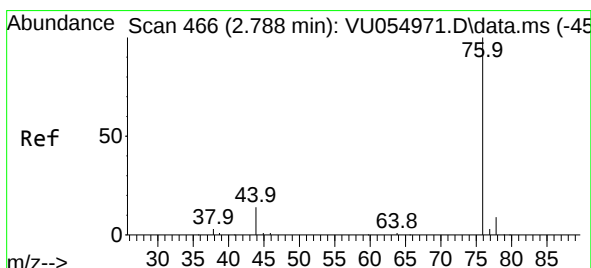
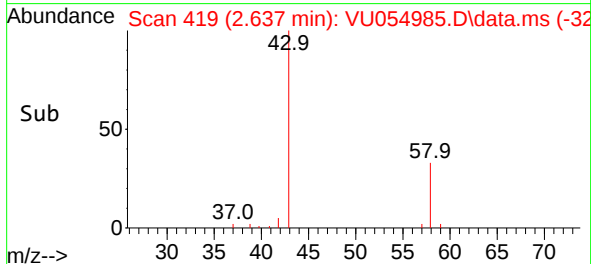
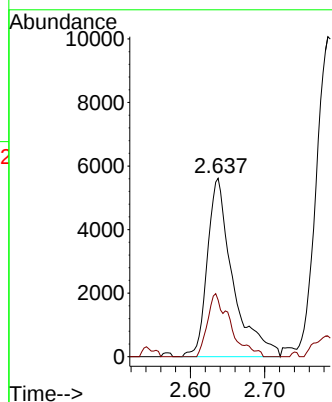
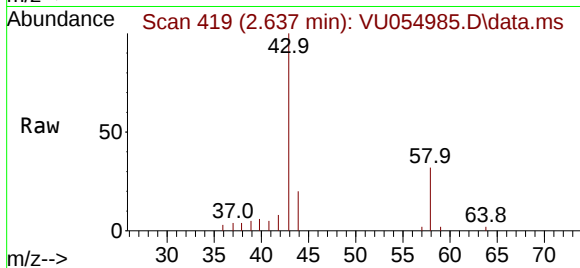
COAL6

Tgt Ion: 43 Resp: 13353

Ion Ratio Lower Upper

43 100

58 31.9 0.0 64.4



#14

Carbon disulfide

Concen: 0.168 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU054985.D

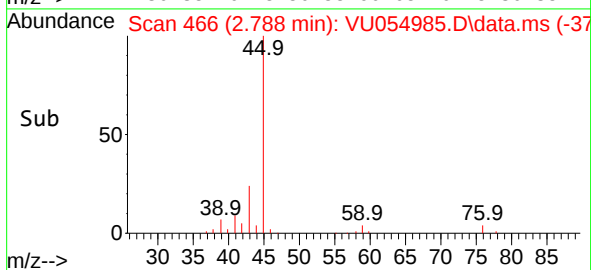
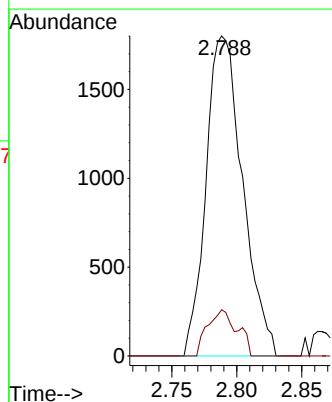
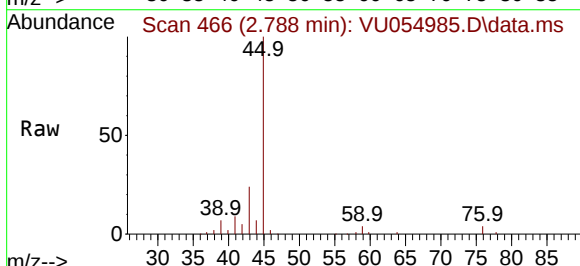
Acq: 30 Aug 2023 03:42

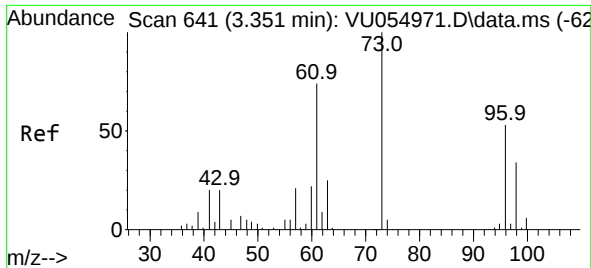
Tgt Ion: 76 Resp: 3527

Ion Ratio Lower Upper

76 100

78 14.4 8.2 12.2#

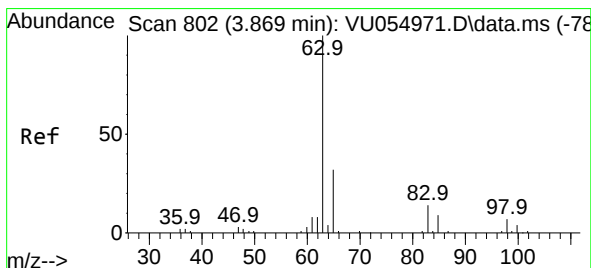
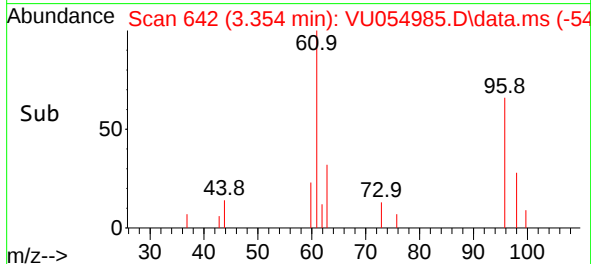
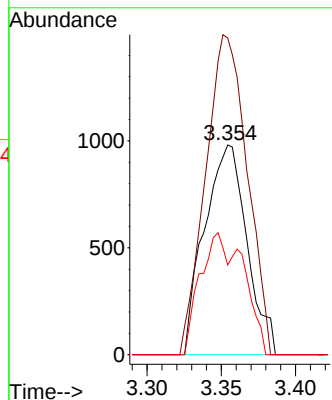
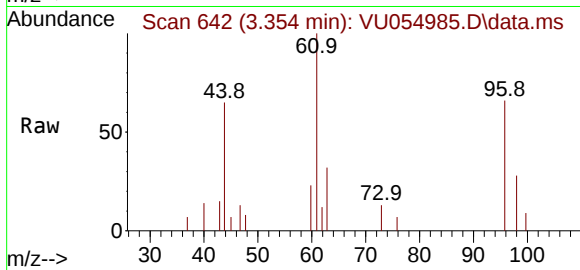




#18
trans-1,2-Dichloroethene
Concen: 0.235 ug/L
RT: 3.354 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU054985.D
Acq: 30 Aug 2023 03:42

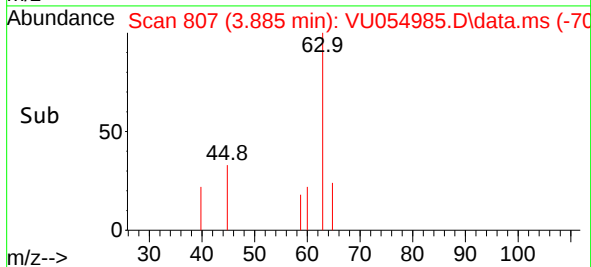
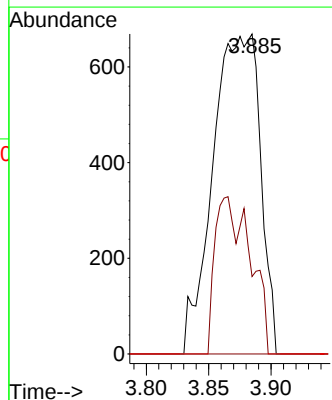
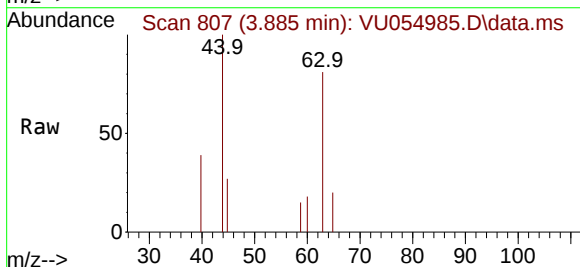
Instrument :
MSVOA_U
ClientSampleId :
COAL6

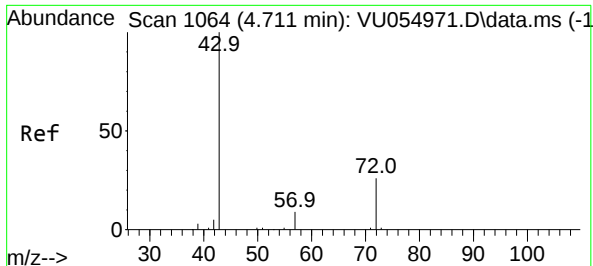
Tgt Ion: 96 Resp: 1947
Ion Ratio Lower Upper
96 100
61 151.0 108.8 202.0
98 42.8 45.8 85.2#



#19
1,1-Dichloroethane
Concen: 0.102 ug/L
RT: 3.885 min Scan# 807
Delta R.T. 0.016 min
Lab File: VU054985.D
Acq: 30 Aug 2023 03:42

Tgt Ion: 63 Resp: 1767
Ion Ratio Lower Upper
63 100
65 24.2 22.5 41.7
83 0.0 9.5 17.7#





#21

2-Butanone

Concen: 13.767 ug/L

RT: 4.714 min Scan# 1065

Delta R.T. 0.003 min

Lab File: VU054985.D

Acq: 30 Aug 2023 03:42

Instrument :

MSVOA_U

ClientSampleId :

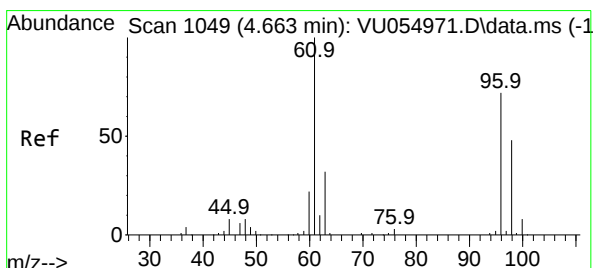
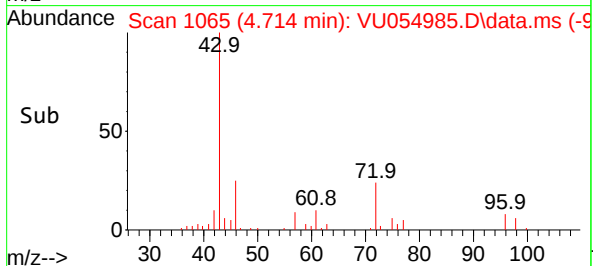
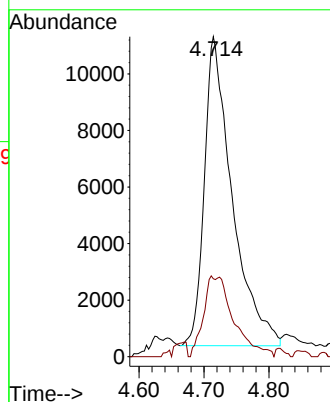
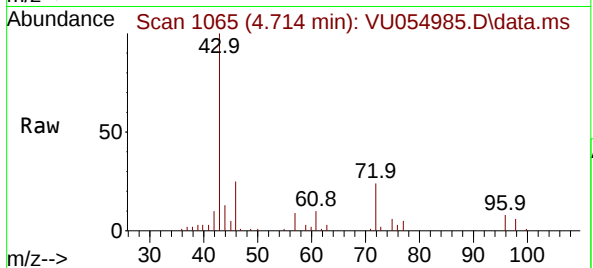
COAL6

Tgt Ion: 43 Resp: 32556

Ion Ratio Lower Upper

43 100

72 11.6 14.1 42.3#



#22

cis-1,2-Dichloroethene

Concen: 7.917 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. -0.000 min

Lab File: VU054985.D

Acq: 30 Aug 2023 03:42

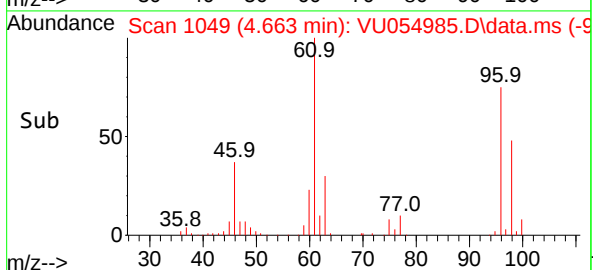
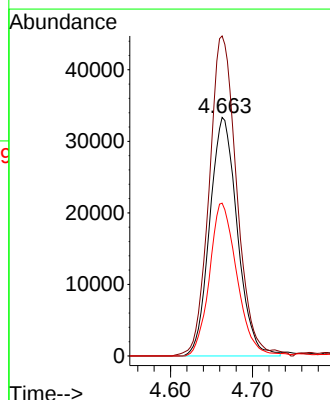
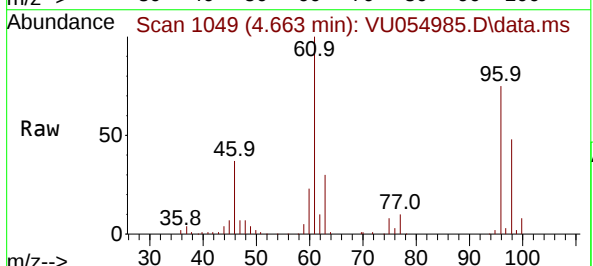
Tgt Ion: 96 Resp: 78046

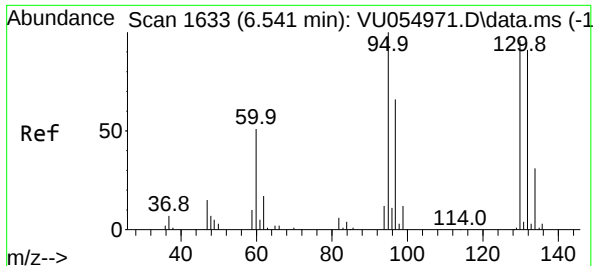
Ion Ratio Lower Upper

96 100

61 134.1 88.4 164.2

98 64.1 44.0 81.6





#34

Trichloroethene

Concen: 4.900 ug/L

RT: 6.541 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU054985.D

Acq: 30 Aug 2023 03:42

Instrument :

MSVOA_U

ClientSampleId :

COAL6

Tgt Ion: 95 Resp: 52715

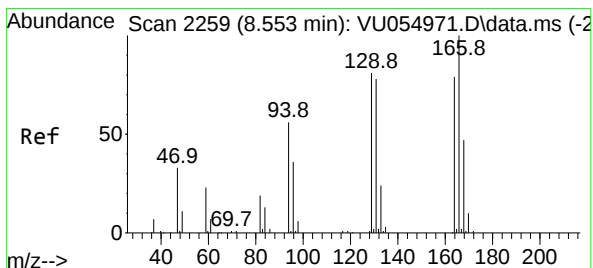
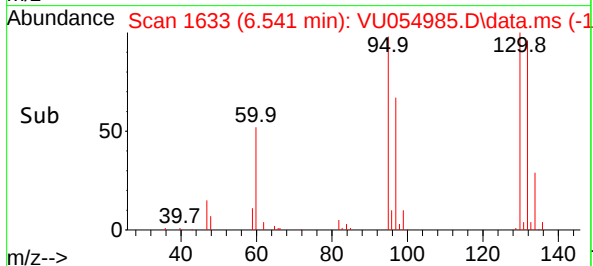
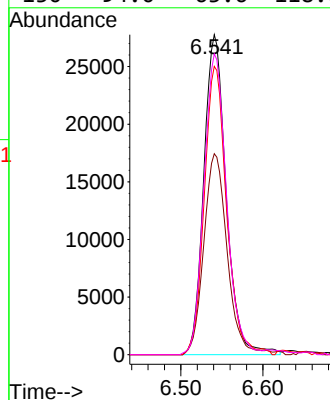
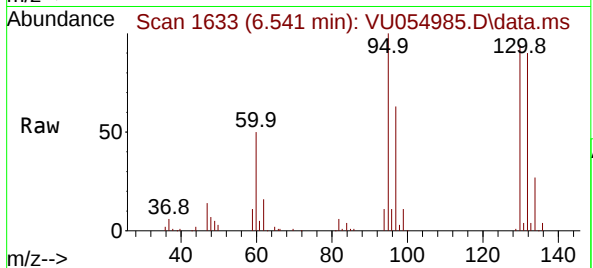
Ion Ratio Lower Upper

95 100

97 62.8 44.1 81.9

132 90.1 63.6 118.2

130 94.0 63.6 118.0



#47

Tetrachloroethene

Concen: 0.600 ug/L

RT: 8.553 min Scan# 2259

Delta R.T. -0.000 min

Lab File: VU054985.D

Acq: 30 Aug 2023 03:42

Tgt Ion:164 Resp: 4642

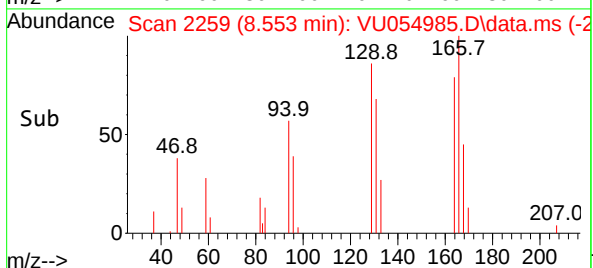
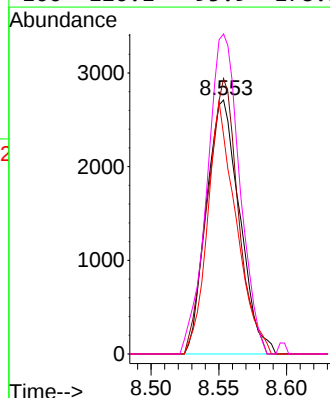
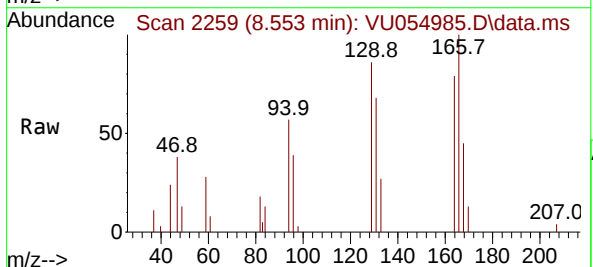
Ion Ratio Lower Upper

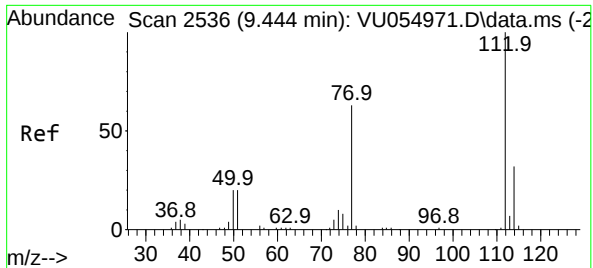
164 100

129 108.5 72.8 135.2

131 86.3 70.7 131.3

166 126.1 95.9 178.1





#51
Chlorobenzene
Concen: 0.317 ug/L
RT: 9.447 min Scan# 2
Delta R.T. 0.003 min
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MSVOA_U
ClientSampleId :
C0AL6

Tgt Ion:	112	Resp:	8890
Ion	Ratio	Lower	Upper
112	100		
114	33.2	23.4	43.4
77	59.0	49.3	73.9

