

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082923\
 Data File : VU054984.D
 Acq On : 30 Aug 2023 03:17
 Operator : MD/SY
 Sample : 04173-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COAL5

Quant Time: Aug 30 04:01:45 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)

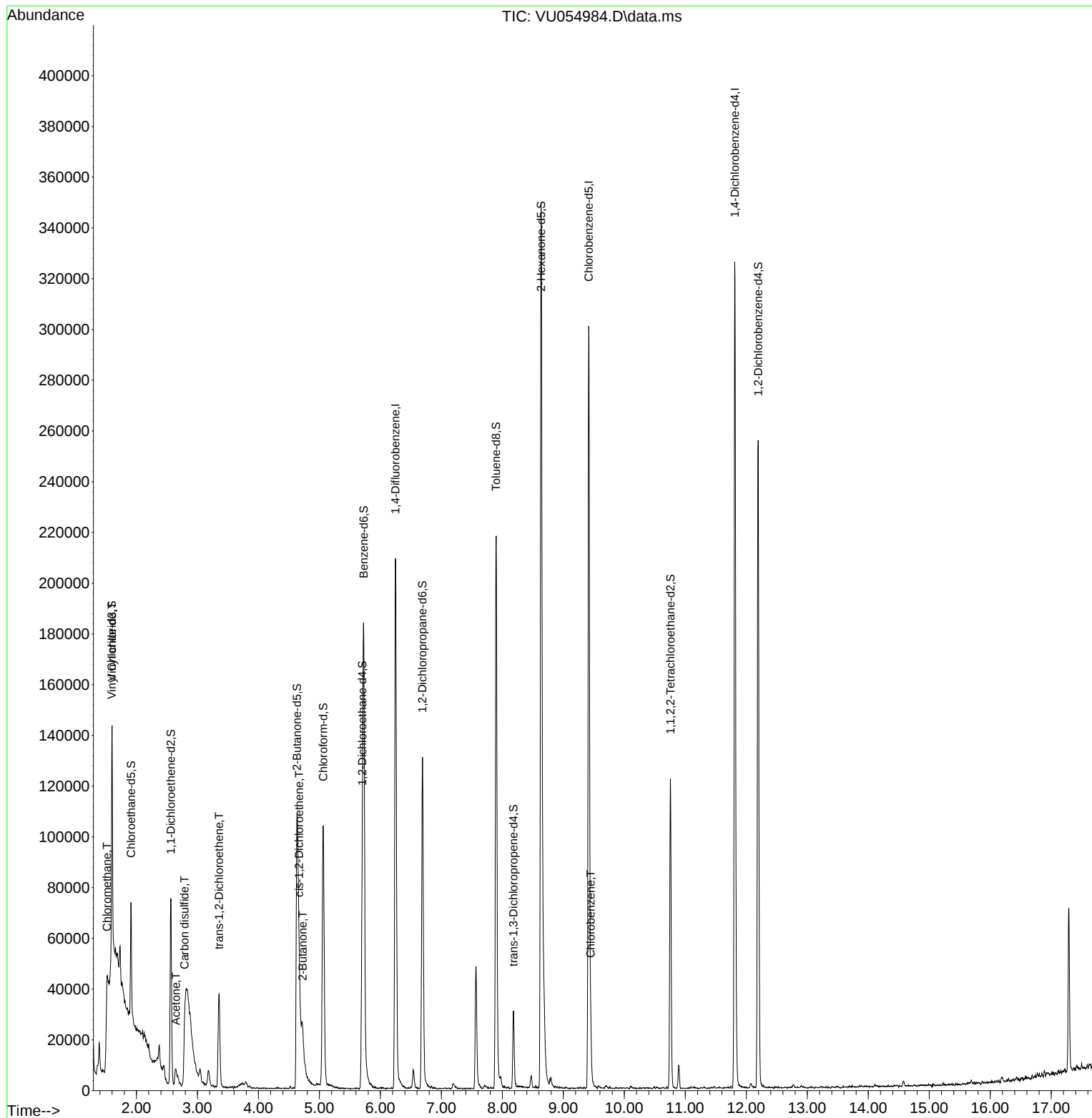
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	166970	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	163668	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	82476	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	24481	4.645	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.000%
7) Chloroethane-d5	1.911	69	31477	4.623	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	2.563	65	14273	4.792	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.800%
20) 2-Butanone-d5	4.631	46	179842	63.221	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.440%
24) Chloroform-d	5.062	84	93998	4.808	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
26) 1,2-Dichloroethane-d4	5.702	65	53288	5.123	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.400%
32) Benzene-d6	5.724	84	168130	4.570	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
36) 1,2-Dichloropropane-d6	6.689	67	61519	4.754	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.000%
41) Toluene-d8	7.898	98	145822	4.139	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.800%
43) trans-1,3-Dichloroprop...	8.181	79	16956	3.982	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.600%
46) 2-Hexanone-d5	8.634	63	117186	57.981	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.960%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	58788	5.298	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.000%
66) 1,2-Dichlorobenzene-d4	12.193	152	64420	4.892	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	6121	0.567	ug/L	95
5) Vinyl chloride	1.599	62	45417	4.053	ug/L #	1
13) Acetone	2.647	43	13658	8.883	ug/L	73
14) Carbon disulfide	2.788	76	3572	0.171	ug/L	98
18) trans-1,2-Dichloroethene	3.354	96	15528	1.885	ug/L	88
21) 2-Butanone	4.724	43	34367	14.586	ug/L	98
22) cis-1,2-Dichloroethene	4.666	96	6773	0.690	ug/L	92
51) Chlorobenzene	9.447	112	8295	0.297	ug/L	98

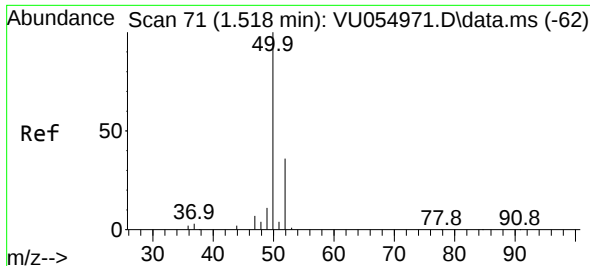
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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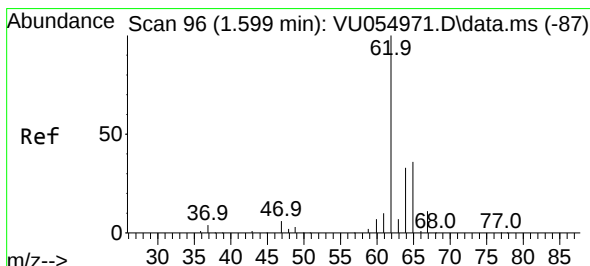
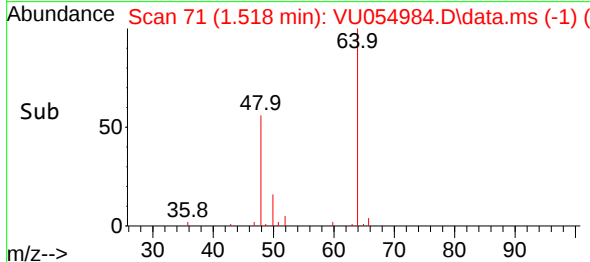
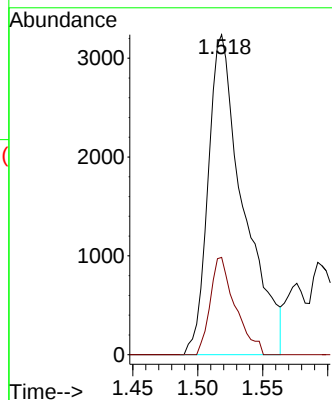
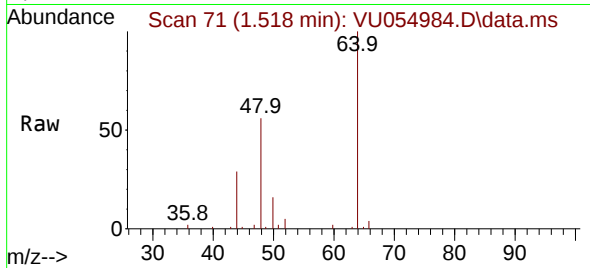




#3
Chloromethane
Concen: 0.567 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU054984.D
Acq: 30 Aug 2023 03:17

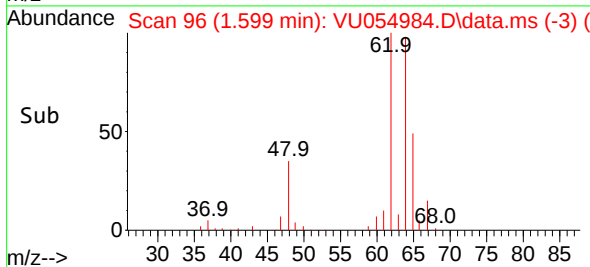
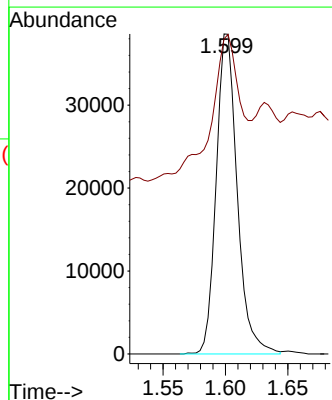
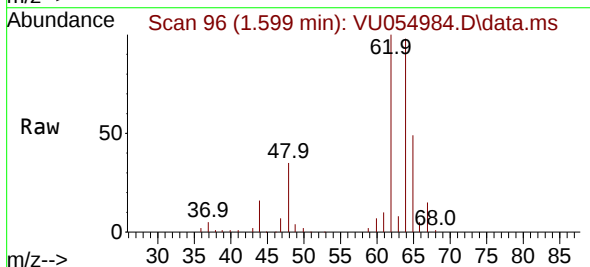
Instrument :
MSVOA_U
ClientSampleId :
C0AL5

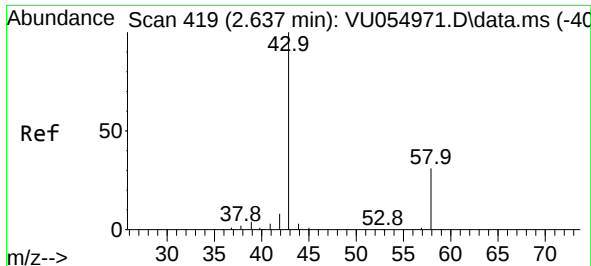
Tgt Ion: 50 Resp: 6121
Ion Ratio Lower Upper
50 100
52 30.4 23.4 43.6



#5
Vinyl chloride
Concen: 4.053 ug/L
RT: 1.599 min Scan# 96
Delta R.T. 0.000 min
Lab File: VU054984.D
Acq: 30 Aug 2023 03:17

Tgt Ion: 62 Resp: 45417
Ion Ratio Lower Upper
62 100
64 98.4 22.7 42.1#

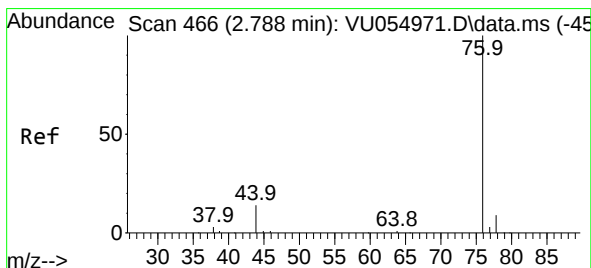
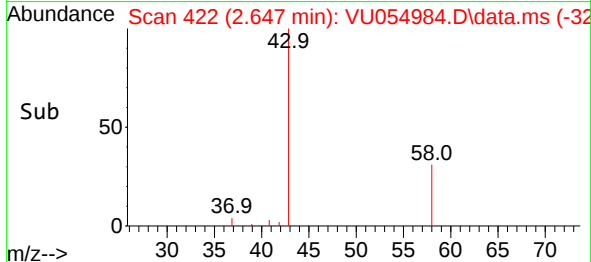
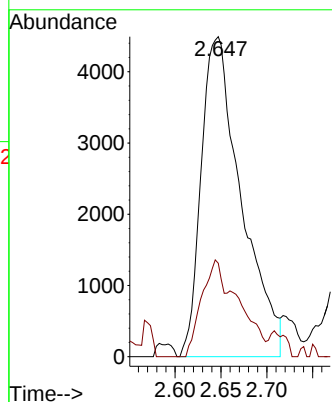
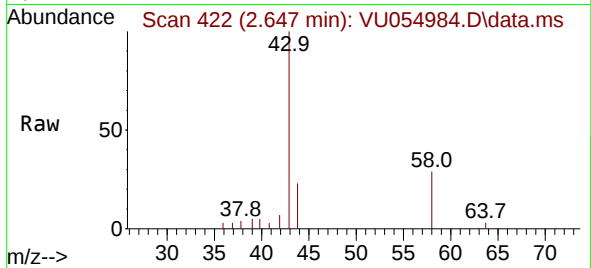




#13
Acetone
Concen: 8.883 ug/L
RT: 2.647 min Scan# 419
Delta R.T. 0.010 min
Lab File: VU054984.D
Acq: 30 Aug 2023 03:17

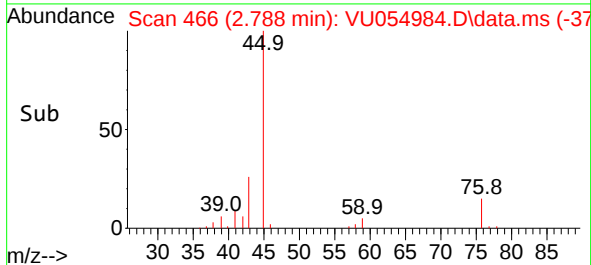
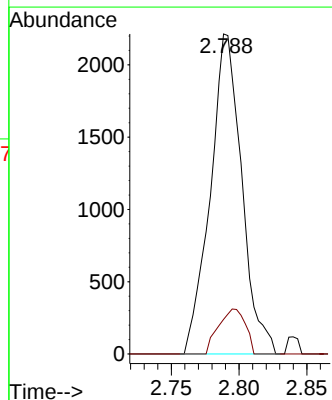
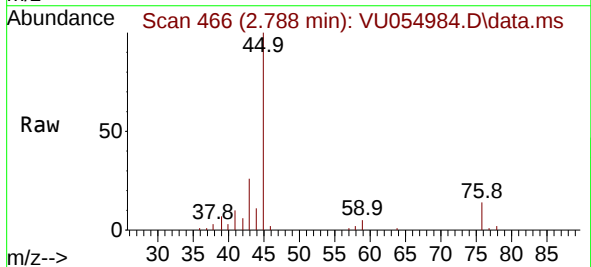
Instrument :
MSVOA_U
ClientSampleId :
C0AL5

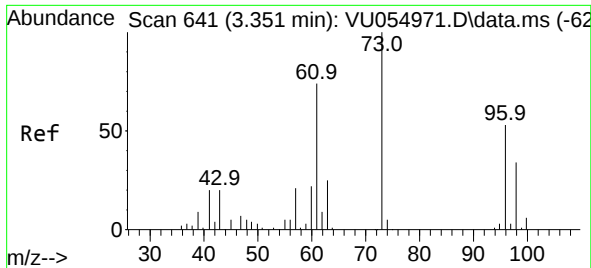
Tgt Ion: 43 Resp: 13658
Ion Ratio Lower Upper
43 100
58 17.0 0.0 64.4



#14
Carbon disulfide
Concen: 0.171 ug/L
RT: 2.788 min Scan# 466
Delta R.T. 0.000 min
Lab File: VU054984.D
Acq: 30 Aug 2023 03:17

Tgt Ion: 76 Resp: 3572
Ion Ratio Lower Upper
76 100
78 10.8 8.2 12.2

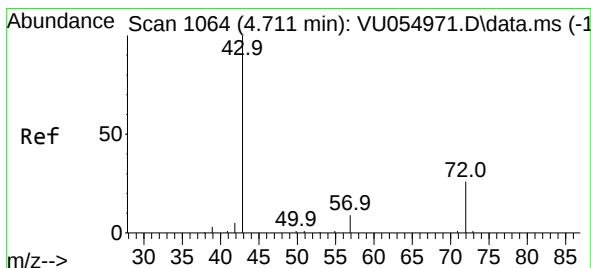
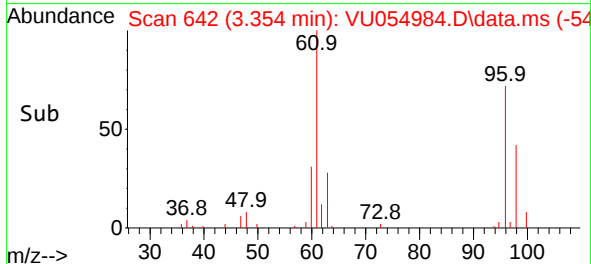
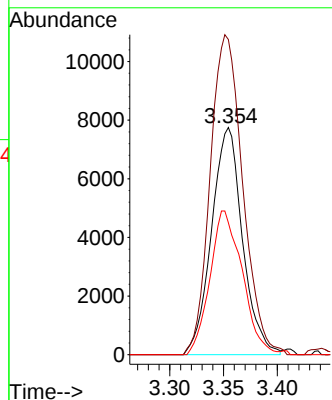
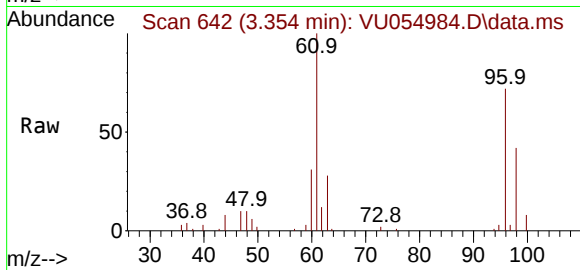




#18
trans-1,2-Dichloroethene
Concen: 1.885 ug/L
RT: 3.354 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU054984.D
Acq: 30 Aug 2023 03:17

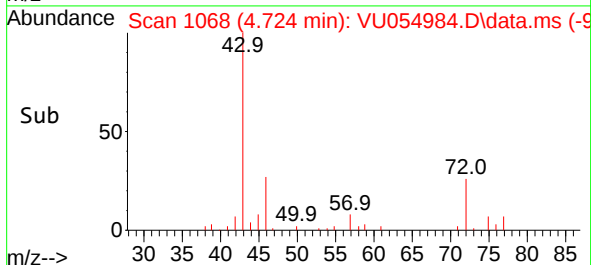
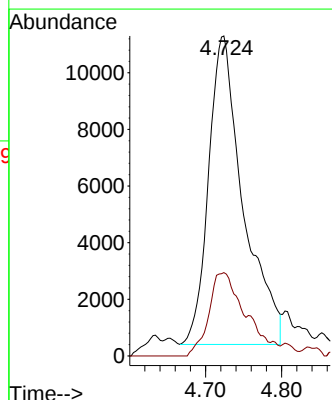
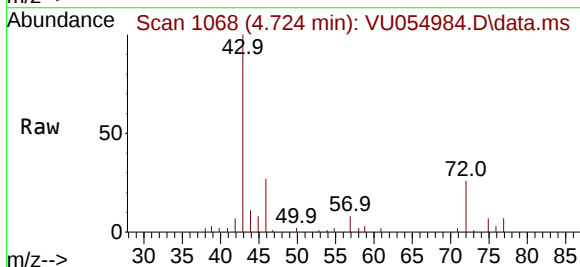
Instrument :
MSVOA_U
ClientSampleId :
C0AL5

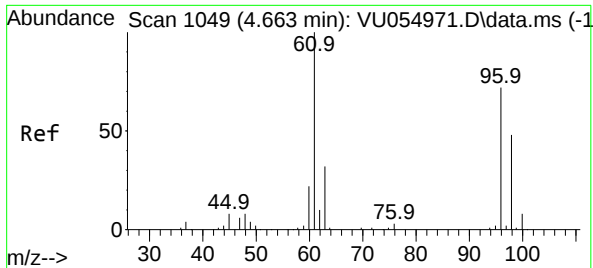
Tgt Ion: 96 Resp: 15528
Ion Ratio Lower Upper
96 100
61 138.7 108.8 202.0
98 58.1 45.8 85.2



#21
2-Butanone
Concen: 14.586 ug/L
RT: 4.724 min Scan# 1068
Delta R.T. 0.013 min
Lab File: VU054984.D
Acq: 30 Aug 2023 03:17

Tgt Ion: 43 Resp: 34367
Ion Ratio Lower Upper
43 100
72 29.0 14.1 42.3



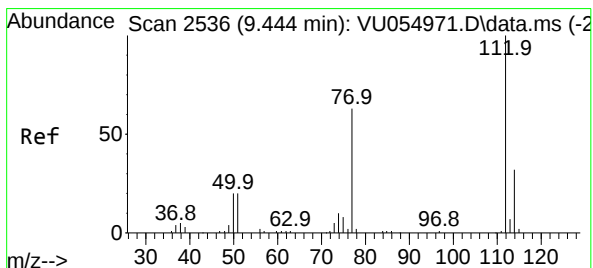
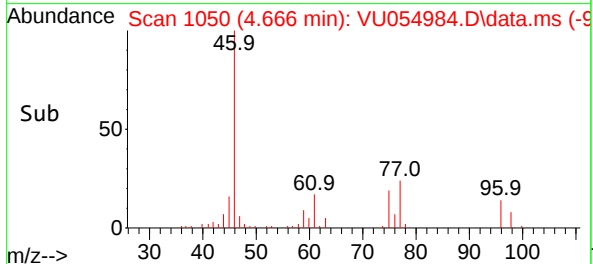
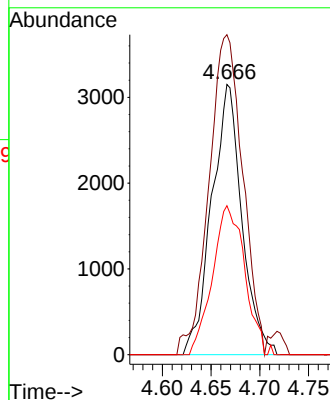
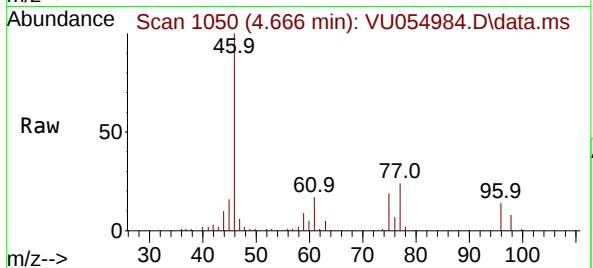


#22
 cis-1,2-Dichloroethene
 Concen: 0.690 ug/L
 RT: 4.666 min Scan# 1050
 Delta R.T. 0.003 min
 Lab File: VU054984.D
 Acq: 30 Aug 2023 03:17

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AL5

Tgt Ion: 96 Resp: 6773

Ion	Ratio	Lower	Upper
96	100		
61	118.4	88.4	164.2
98	55.1	44.0	81.6



#51
 Chlorobenzene
 Concen: 0.297 ug/L
 RT: 9.447 min Scan# 2537
 Delta R.T. 0.003 min
 Lab File: VU054984.D
 Acq: 30 Aug 2023 03:17

Tgt Ion: 112 Resp: 8295

Ion	Ratio	Lower	Upper
112	100		
114	30.2	23.4	43.4
77	61.0	49.3	73.9

