

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
 Data File : VU052500.D
 Acq On : 22 Dec 2022 18:37
 Operator : JC/MD
 Sample : N6188-08 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0L45

Quant Time: Dec 23 00:33:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 22 00:28:27 2022
 Response via : Initial Calibration

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

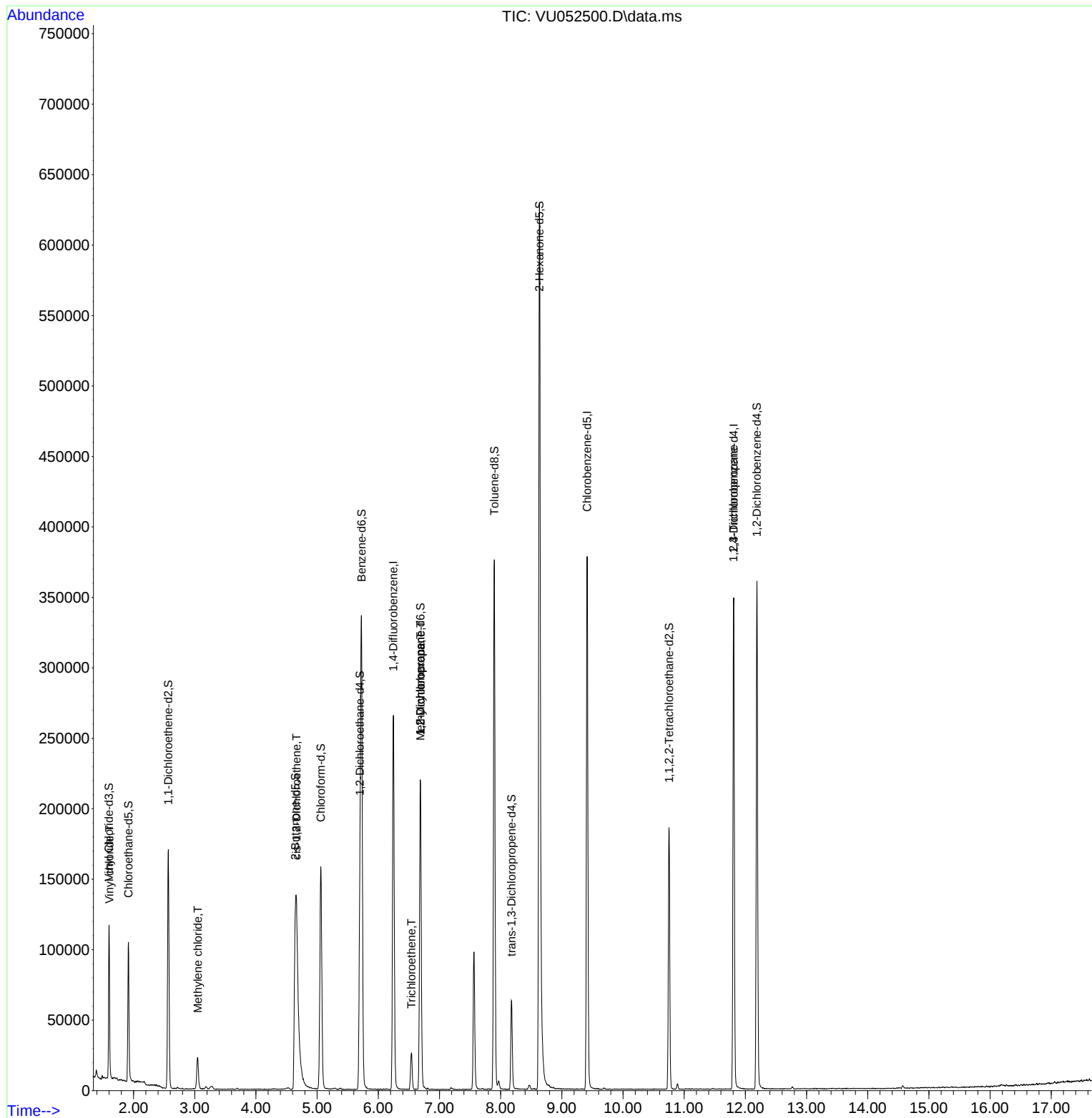
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	206325	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	201532	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	88874	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	76896	3.679	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	73.600%	
7) Chloroethane-d5	1.916	69	73977	4.104	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	82.000%	
11) 1,1-Dichloroethene-d2	2.568	65	34469	3.832	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	76.600%	
20) 2-Butanone-d5	4.645	46	330117	50.928	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	101.860%	
24) Chloroform-d	5.060	84	150015	4.254	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.000%	
26) 1,2-Dichloroethane-d4	5.700	65	89586	4.379	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.600%	
32) Benzene-d6	5.726	84	308142	4.460	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.200%	
36) 1,2-Dichloropropane-d6	6.687	67	108030	4.542	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	90.800%	
41) Toluene-d8	7.896	98	246094	4.243	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.800%	
43) trans-1,3-Dichloroprop...	8.176	79	36007	4.421	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	88.400%	
46) 2-Hexanone-d5	8.632	63	231391	51.929	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	103.860%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	94132	4.661	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	93.200%	
66) 1,2-Dichlorobenzene-d4	12.188	152	92001	5.085	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	101.600%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	3328	0.139	ug/L #	53
16) Methylene chloride	3.047	84	10533	0.483	ug/L	98
22) cis-1,2-Dichloroethene	4.665	96	13582	0.777	ug/L	93
34) Trichloroethene	6.539	95	8897	0.524	ug/L	96
35) Methylcyclohexane	6.690	83	23333	0.912	ug/L #	14
37) 1,2-Dichloropropane	6.687	63	11288	0.557	ug/L #	88
61) 1,2,3-Trichloropropane	11.806	75	12150	0.953	ug/L #	70

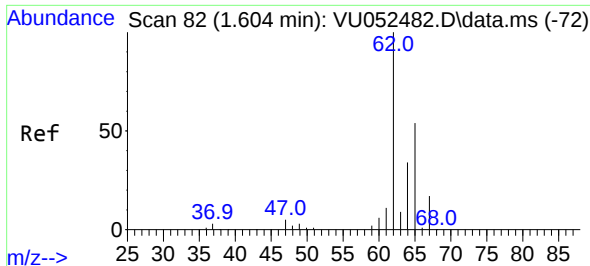
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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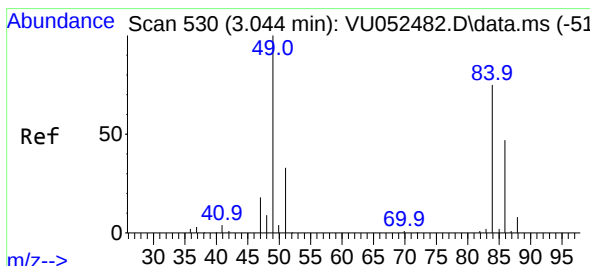
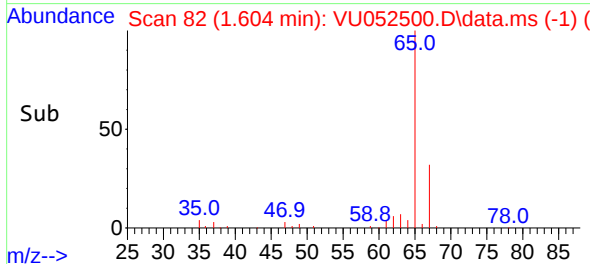
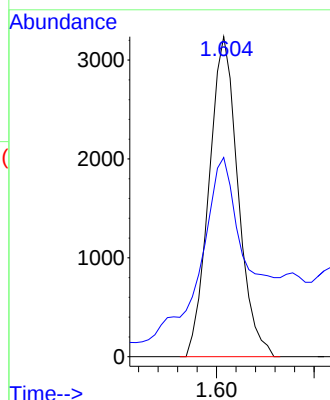
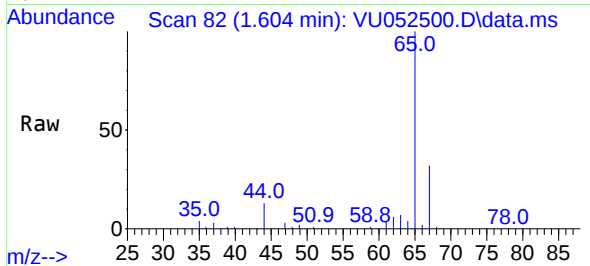




#5
 Vinyl chloride
 Concen: 0.139 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU052500.D
 Acq: 22 Dec 2022 18:37

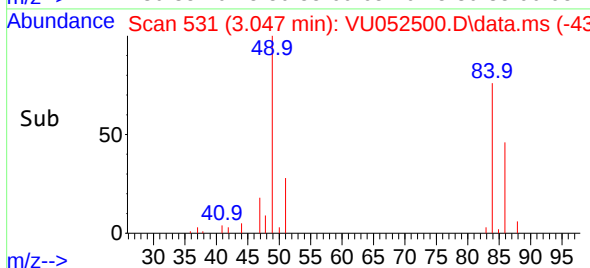
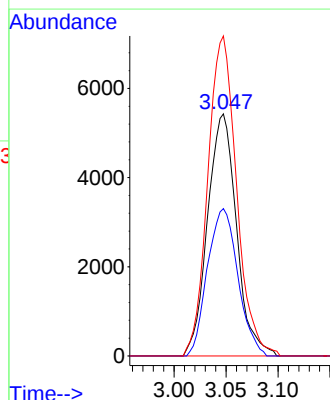
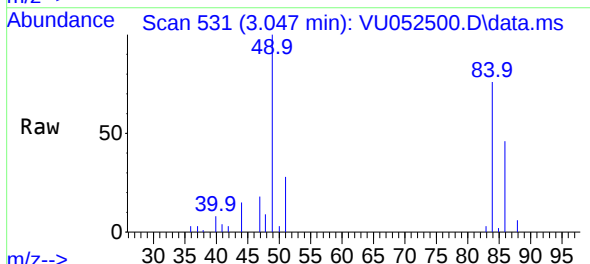
Instrument :
 MSVOA_U
 ClientSampleId :
 COL45

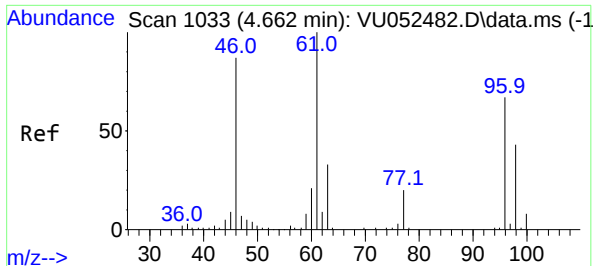
Tgt Ion: 62 Resp: 3328
 Ion Ratio Lower Upper
 62 100
 64 62.2 24.4 45.4#



#16
 Methylene chloride
 Concen: 0.483 ug/L
 RT: 3.047 min Scan# 531
 Delta R.T. -0.000 min
 Lab File: VU052500.D
 Acq: 22 Dec 2022 18:37

Tgt Ion: 84 Resp: 10533
 Ion Ratio Lower Upper
 84 100
 86 60.9 44.7 83.1
 49 132.1 93.3 173.3

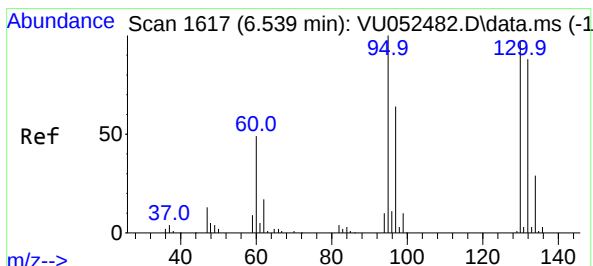
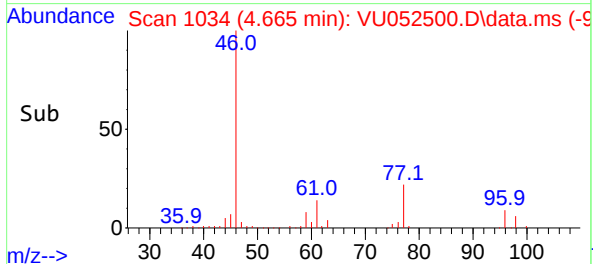
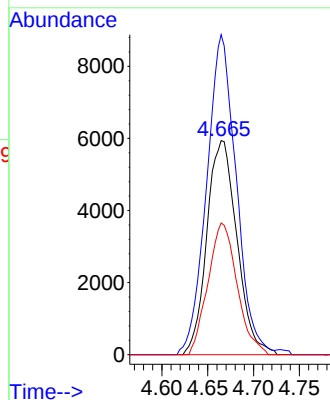
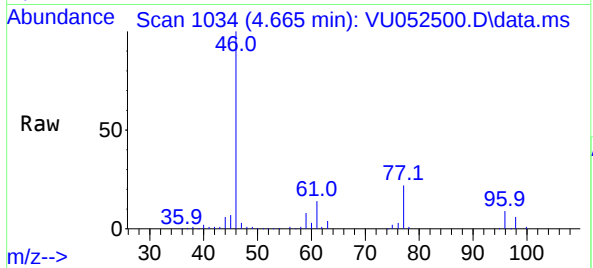




#22
cis-1,2-Dichloroethene
Concen: 0.777 ug/L
RT: 4.665 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VU052500.D
Acq: 22 Dec 2022 18:37

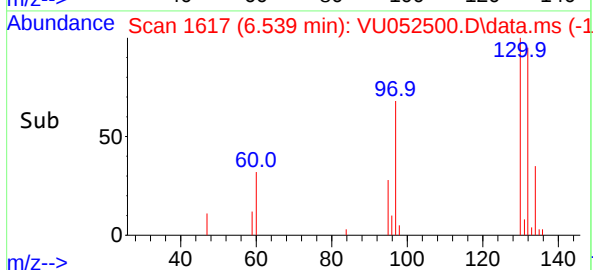
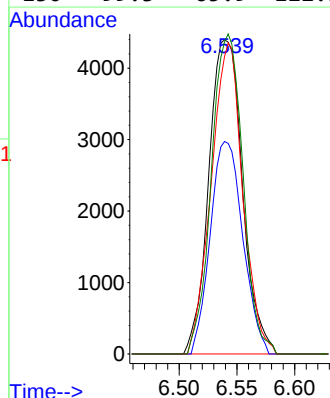
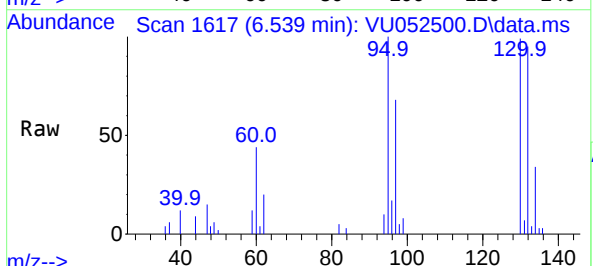
Instrument :
MSVOA_U
ClientSampleId :
COL45

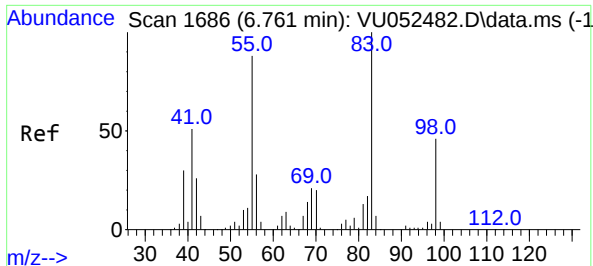
Tgt Ion:	96	Resp:	13582
Ion	Ratio	Lower	Upper
96	100		
61	149.4	96.9	180.1
98	61.5	44.7	83.1



#34
Trichloroethene
Concen: 0.524 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU052500.D
Acq: 22 Dec 2022 18:37

Tgt Ion:	95	Resp:	8897
Ion	Ratio	Lower	Upper
95	100		
97	67.6	46.3	86.1
132	94.6	63.9	118.7
130	99.3	65.9	122.5

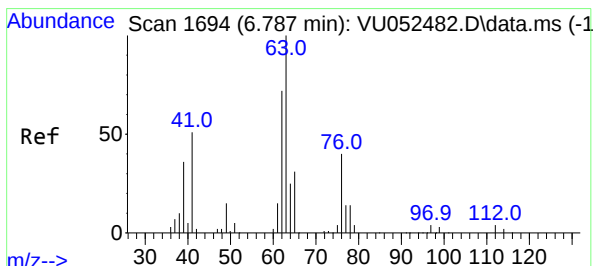
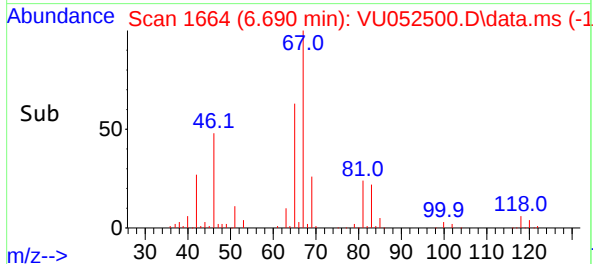
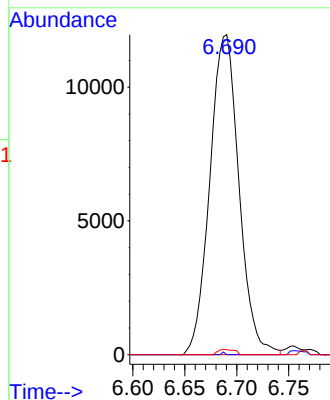
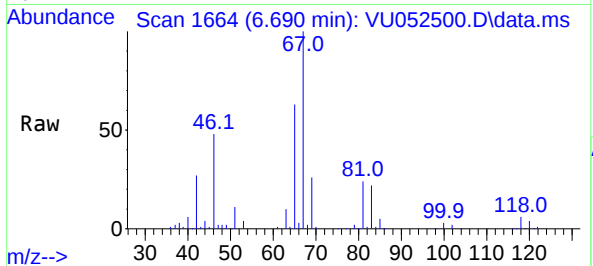




#35
Methylcyclohexane
Concen: 0.912 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU052500.D
Acq: 22 Dec 2022 18:37

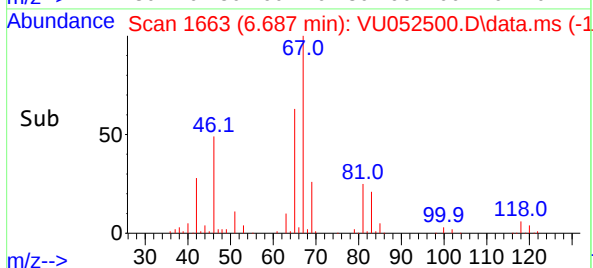
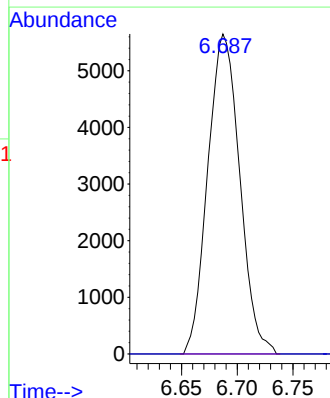
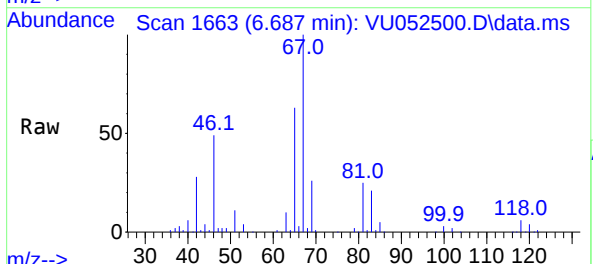
Instrument :
MSVOA_U
ClientSampleId :
COL45

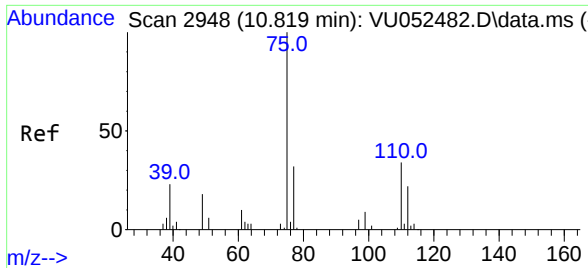
Tgt Ion: 83 Resp: 23333
Ion Ratio Lower Upper
83 100
55 0.1 71.4 107.0#
98 0.9 36.5 54.7#



#37
1,2-Dichloropropane
Concen: 0.557 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.103 min
Lab File: VU052500.D
Acq: 22 Dec 2022 18:37

Tgt Ion: 63 Resp: 11288
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#





#61
1,2,3-Trichloropropane
Concen: 0.953 ug/L
RT: 11.806 min Scan# 31
Delta R.T. 0.987 min
Lab File: VU052500.D
Acq: 22 Dec 2022 18:37

Instrument :
MSVOA_U
ClientSampleId :
COL45

Tgt Ion: 75 Resp: 12150
Ion Ratio Lower Upper
75 100
110 1.2 27.9 41.9#
77 32.3 25.9 38.9

