

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082923\
 Data File : VU054962.D
 Acq On : 29 Aug 2023 17:24
 Operator : MD/SY
 Sample : 04173-13DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 29 22:31:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 29 22:22:50 2023
 Response via : Initial Calibration

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

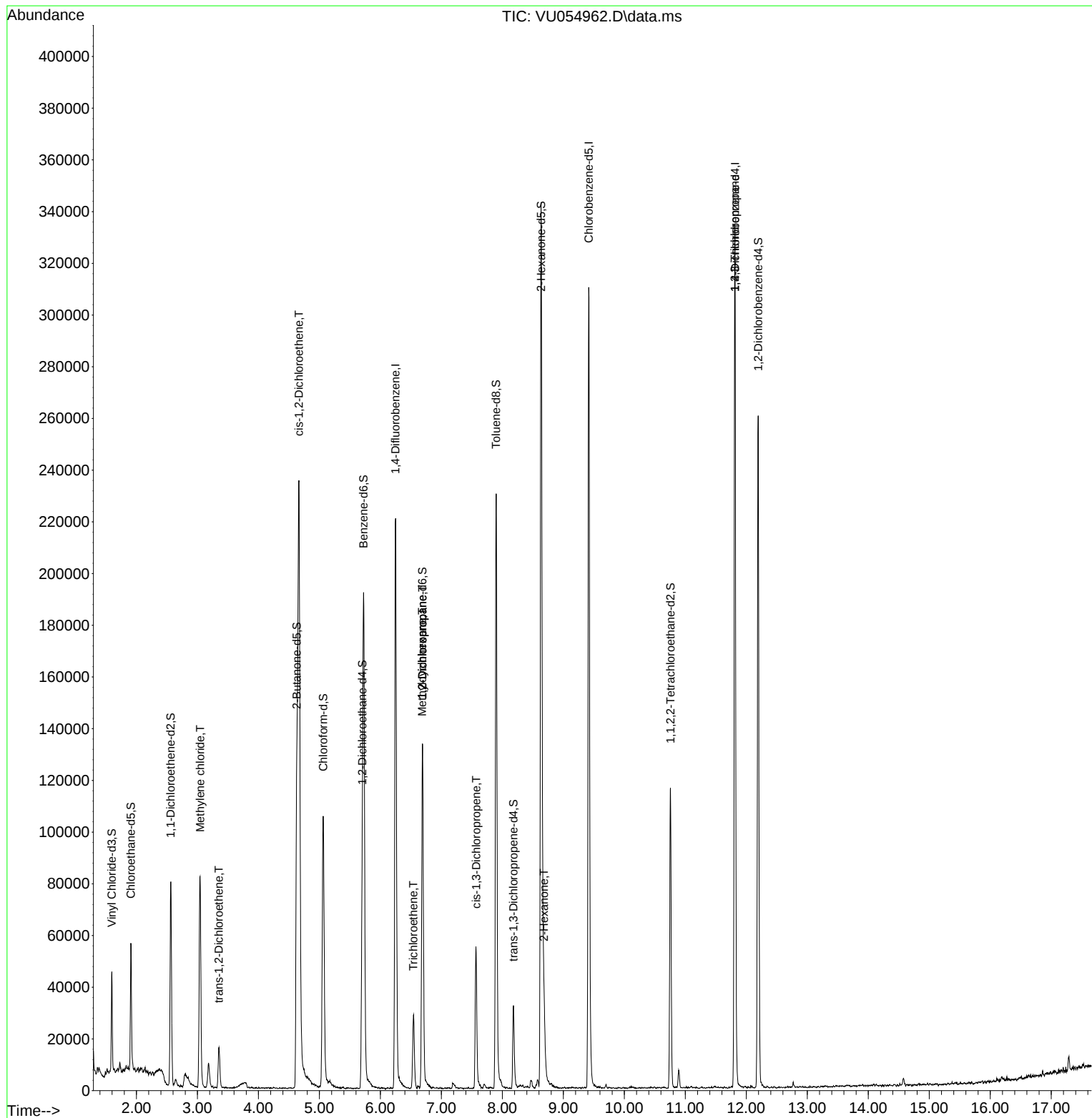
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	173969	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	167304	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	85191	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	26096	4.753	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.000%
7) Chloroethane-d5	1.907	69	33555	4.730	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.600%
11) 1,1-Dichloroethene-d2	2.560	65	15129	4.875	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.600%
20) 2-Butanone-d5	4.628	46	171017	57.700	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.400%
24) Chloroform-d	5.062	84	95272	4.677	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	5.702	65	53486	4.935	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
32) Benzene-d6	5.724	84	172175	4.578	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
36) 1,2-Dichloropropane-d6	6.689	67	62709	4.741	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.898	98	157546	4.374	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
43) trans-1,3-Dichloroprop...	8.181	79	19109	4.390	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.800%
46) 2-Hexanone-d5	8.634	63	116527	56.402	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.800%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	55123	4.860	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	12.193	152	63777	4.689	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.800%
Target Compounds						Qvalue
16) Methylene chloride	3.042	84	39144	3.244	ug/L	96
18) trans-1,2-Dichloroethene	3.351	96	6365	0.741	ug/L	90
22) cis-1,2-Dichloroethene	4.663	96	102582	10.023	ug/L	94
34) Trichloroethene	6.541	95	9255	0.846	ug/L	93
35) Methylcyclohexane	6.685	83	14616	0.903	ug/L #	21
37) 1,2-Dichloropropane	6.689	63	7221	0.656	ug/L #	90
39) cis-1,3-Dichloropropene	7.570	75	1775	0.112	ug/L #	53
48) 2-Hexanone	8.682	43	15638	3.443	ug/L #	76
61) 1,2,3-Trichloropropane	11.811	75	11571	1.824	ug/L #	67

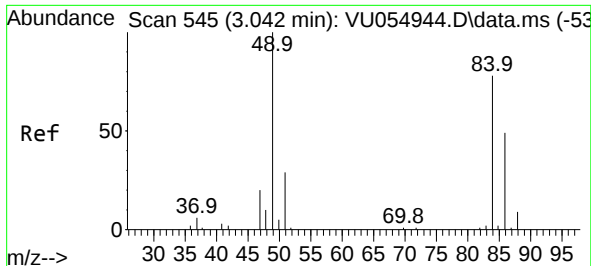
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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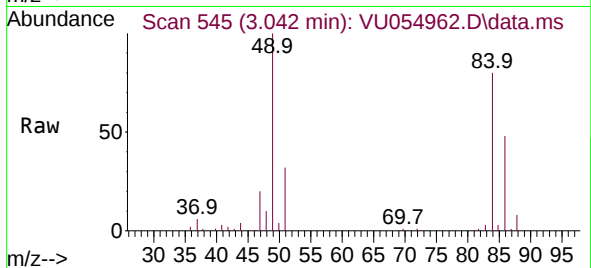
Quant Time: Aug 29 22:31:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
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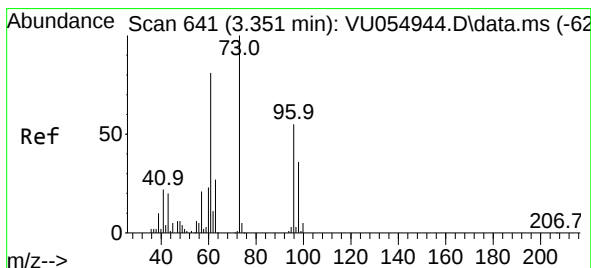
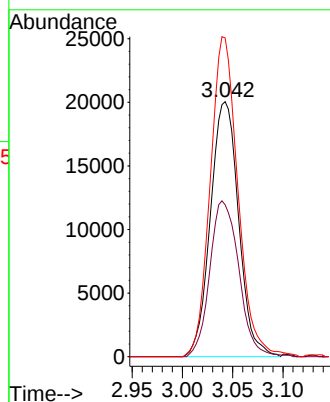
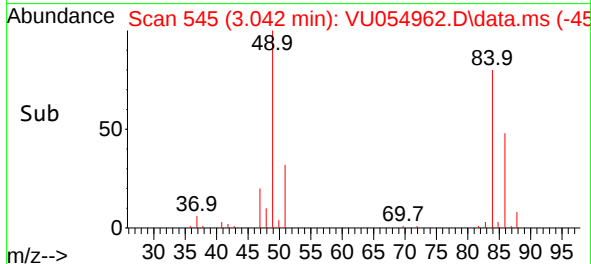


#16
Methylene chloride
Concen: 3.244 ug/L
RT: 3.042 min Scan# 545
Delta R.T. 0.000 min
Lab File: VU054962.D
Acq: 29 Aug 2023 17:24

Instrument :
MSVOA_U
ClientSampleId :

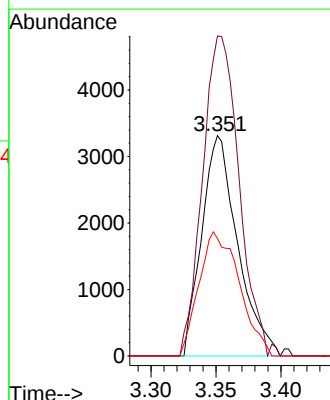
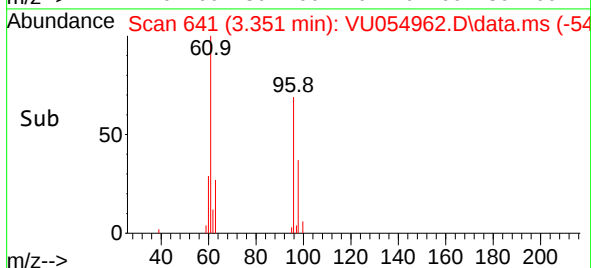
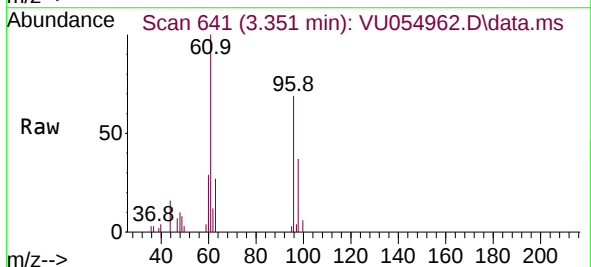


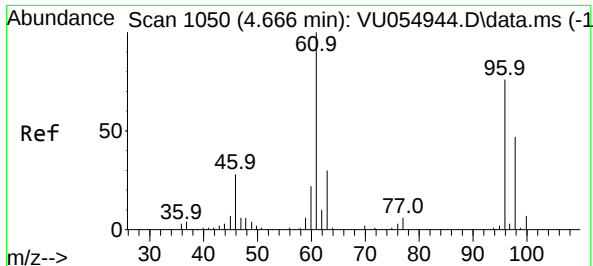
Tgt Ion:	84	Resp:	39144
Ion	Ratio	Lower	Upper
84	100		
86	59.5	45.1	83.7
49	125.0	89.5	166.3



#18
trans-1,2-Dichloroethene
Concen: 0.741 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.000 min
Lab File: VU054962.D
Acq: 29 Aug 2023 17:24

Tgt Ion:	96	Resp:	6365
Ion	Ratio	Lower	Upper
96	100		
61	145.2	108.8	202.0
98	53.3	45.8	85.2





#22

cis-1,2-Dichloroethene

Concen: 10.023 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. -0.003 min

Lab File: VU054962.D

Acq: 29 Aug 2023 17:24

Instrument :

MSVOA_U

ClientSampleId :

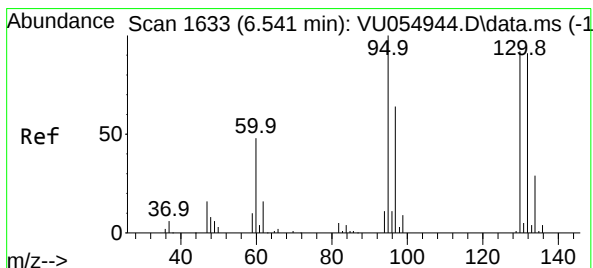
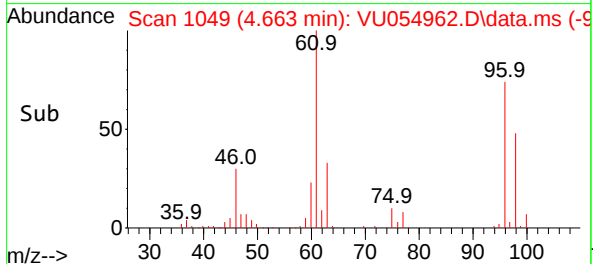
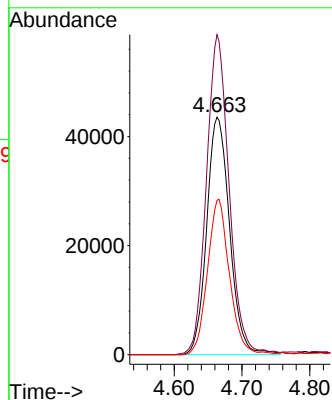
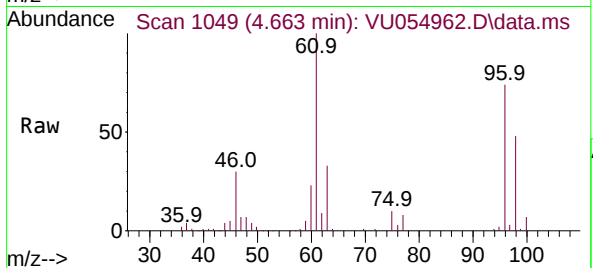
Tgt Ion: 96 Resp: 102582

Ion Ratio Lower Upper

96 100

61 134.8 88.4 164.2

98 65.0 44.0 81.6



#34

Trichloroethene

Concen: 0.846 ug/L

RT: 6.541 min Scan# 1633

Delta R.T. 0.000 min

Lab File: VU054962.D

Acq: 29 Aug 2023 17:24

Tgt Ion: 95 Resp: 9255

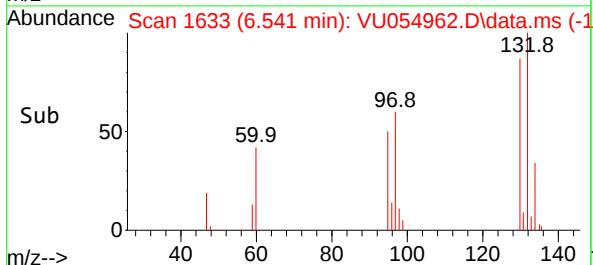
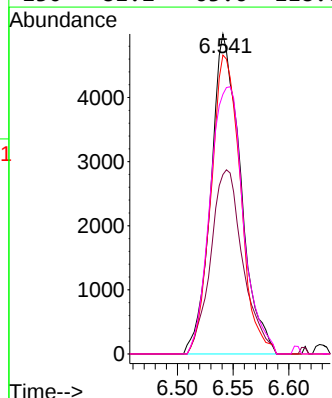
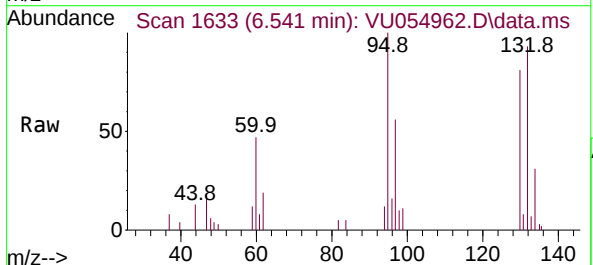
Ion Ratio Lower Upper

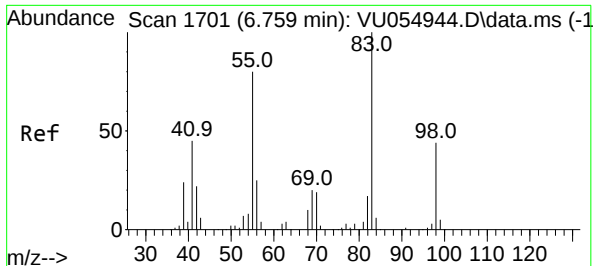
95 100

97 56.0 44.1 81.9

132 93.4 63.6 118.2

130 81.2 63.6 118.0





#35

Methylcyclohexane

Concen: 0.903 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.074 min

Lab File: VU054962.D

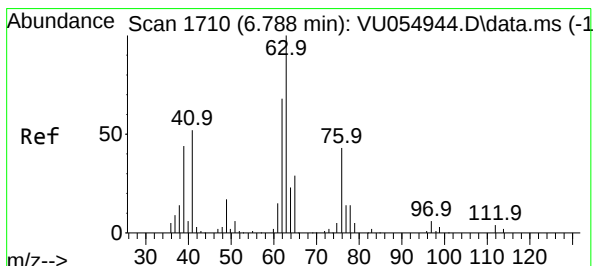
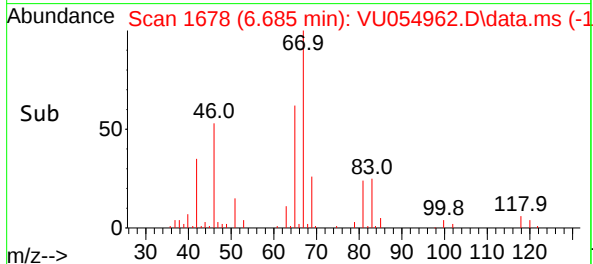
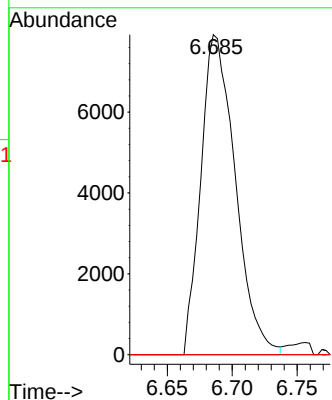
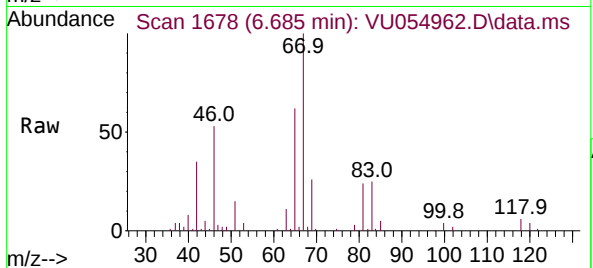
Acq: 29 Aug 2023 17:24

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	14616
Ion Ratio	Lower	Upper	
83	100		
55	0.3	62.1	93.1#
98	5.7	37.8	56.6#



#37

1,2-Dichloropropane

Concen: 0.656 ug/L

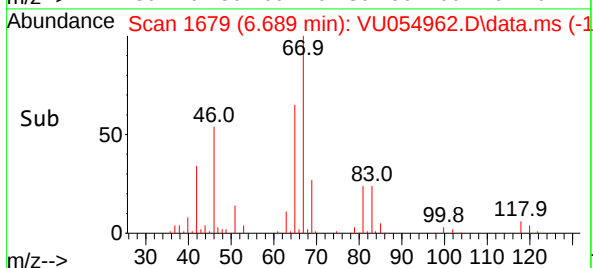
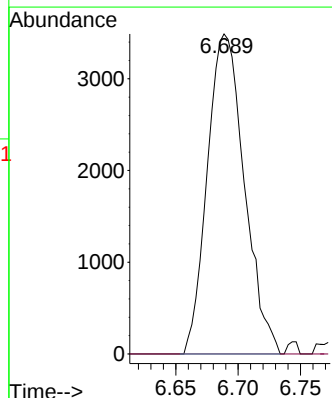
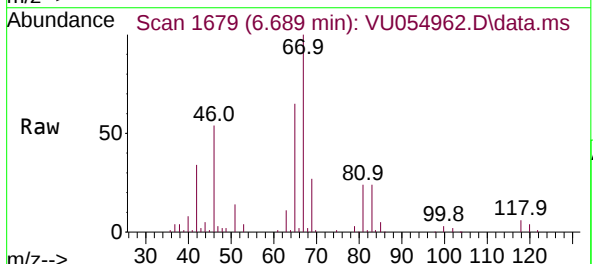
RT: 6.689 min Scan# 1679

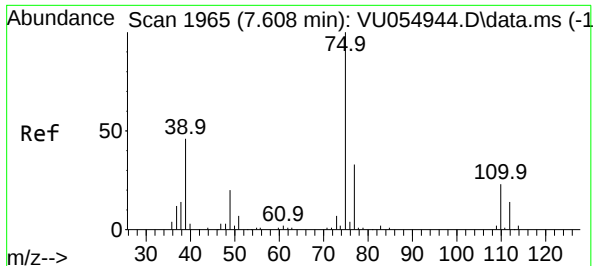
Delta R.T. -0.100 min

Lab File: VU054962.D

Acq: 29 Aug 2023 17:24

Tgt Ion:	63	Resp:	7221
Ion Ratio	Lower	Upper	
63	100		
112	0.0	2.7	4.1#

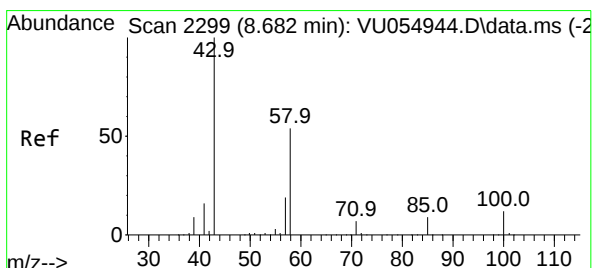
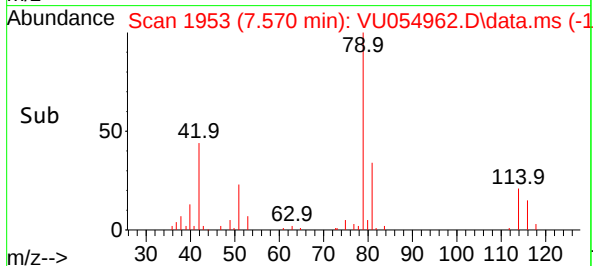
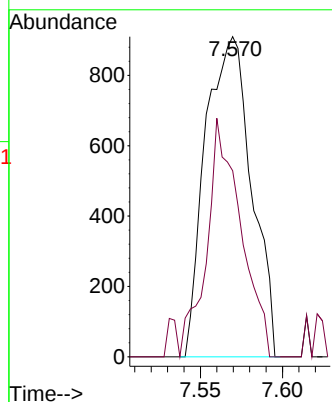
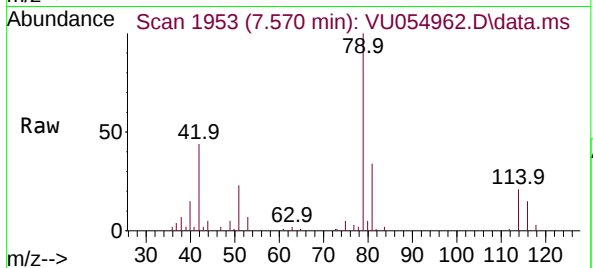




#39
 cis-1,3-Dichloropropene
 Concen: 0.112 ug/L
 RT: 7.570 min Scan# 1965
 Delta R.T. -0.038 min
 Lab File: VU054962.D
 Acq: 29 Aug 2023 17:24

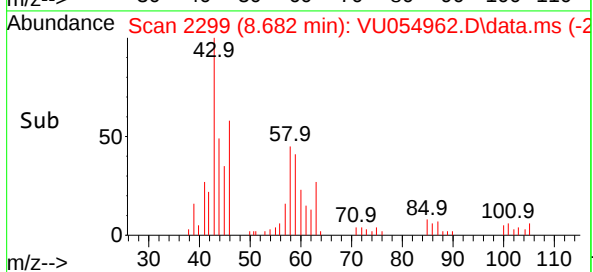
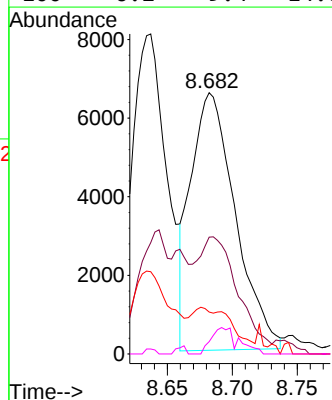
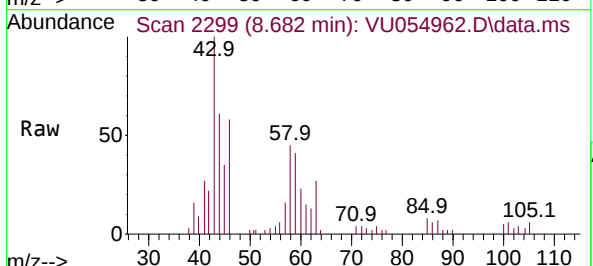
Instrument :
 MSVOA_U
 ClientSampleId :

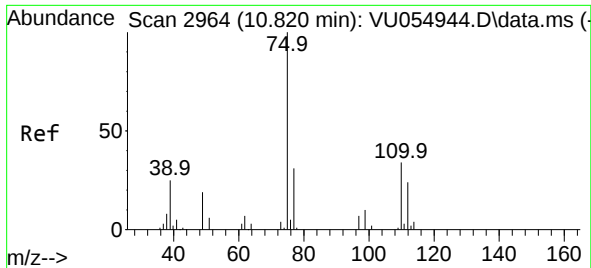
Tgt Ion: 75 Resp: 1775
 Ion Ratio Lower Upper
 75 100
 77 58.1 22.5 41.7#



#48
 2-Hexanone
 Concen: 3.443 ug/L
 RT: 8.682 min Scan# 2299
 Delta R.T. 0.000 min
 Lab File: VU054962.D
 Acq: 29 Aug 2023 17:24

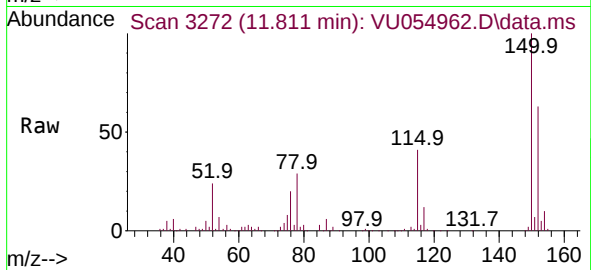
Tgt Ion: 43 Resp: 15638
 Ion Ratio Lower Upper
 43 100
 58 40.7 44.0 66.0#
 57 1.8 15.9 23.9#
 100 6.2 9.4 14.0#





#61
1,2,3-Trichloropropane
Concen: 1.824 ug/L
RT: 11.811 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU054962.D
Acq: 29 Aug 2023 17:24

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
110	3.9	29.0	43.6#
77	38.1	26.5	39.7

