

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082923\
 Data File : VU054958.D
 Acq On : 29 Aug 2023 15:45
 Operator : MD/SY
 Sample : 04173-04DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 29 22:30:36 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)

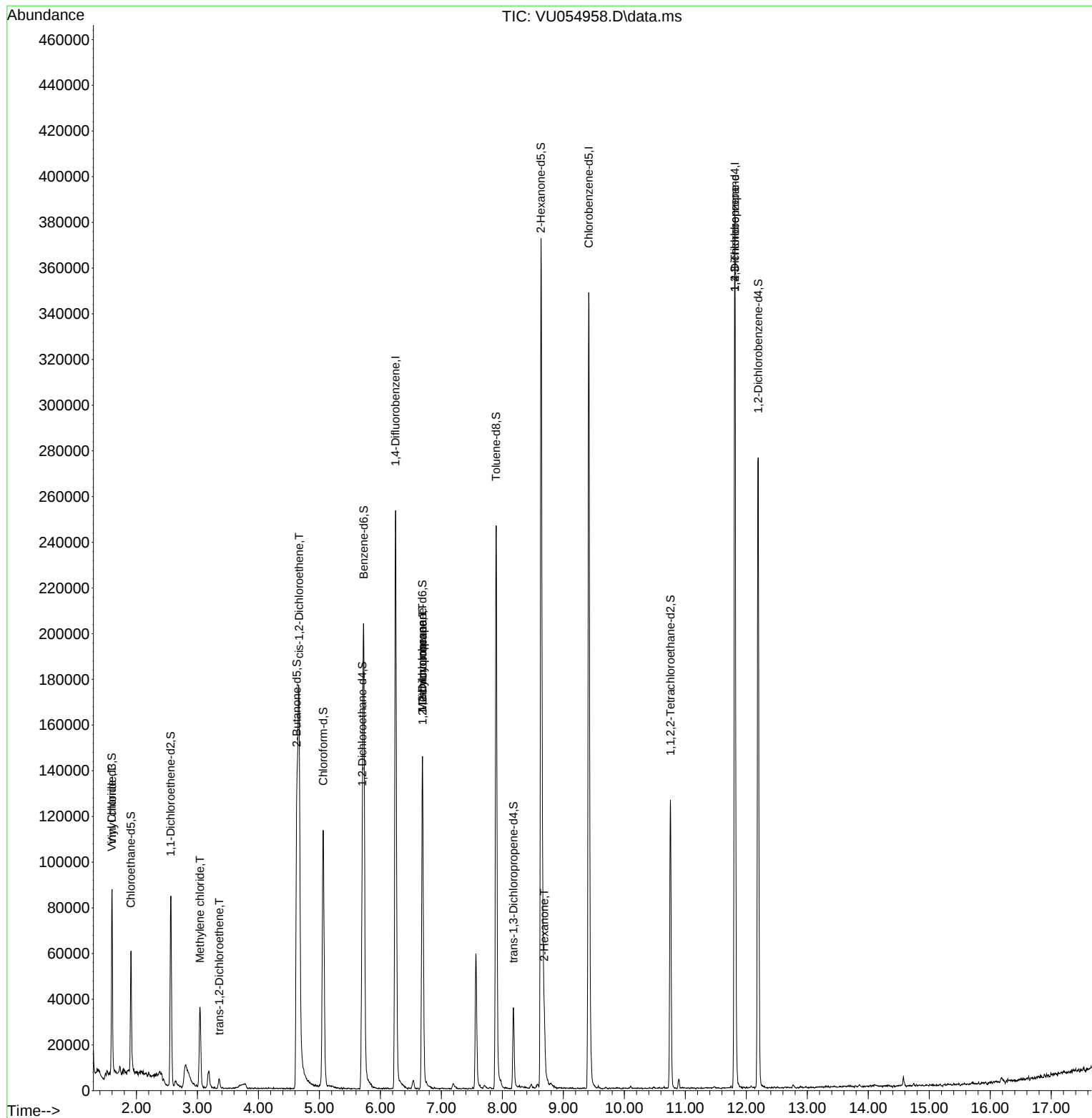
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	199358	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	193299	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	96148	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	26894	4.274	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.400%
7) Chloroethane-d5	1.908	69	36576	4.499	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.000%
11) 1,1-Dichloroethene-d2	2.560	65	15989	4.496	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.000%
20) 2-Butanone-d5	4.628	46	184790	54.407	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.820%
24) Chloroform-d	5.062	84	103156	4.420	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
26) 1,2-Dichloroethane-d4	5.702	65	57685	4.644	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
32) Benzene-d6	5.724	84	187921	4.325	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
36) 1,2-Dichloropropane-d6	6.689	67	69369	4.539	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.800%
41) Toluene-d8	7.898	98	166046	3.990	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.800%
43) trans-1,3-Dichloroprop...	8.181	79	20623	4.101	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.000%
46) 2-Hexanone-d5	8.631	63	123028	51.540	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.080%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	59980	4.577	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.600%
66) 1,2-Dichlorobenzene-d4	12.193	152	69259	4.512	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.200%
Target Compounds						
5) Vinyl chloride	1.599	62	33684	2.517	ug/L	93
16) Methylene chloride	3.039	84	16845	1.218	ug/L	92
18) trans-1,2-Dichloroethene	3.358	96	1575	0.160	ug/L	95
22) cis-1,2-Dichloroethene	4.666	96	68950	5.879	ug/L	96
35) Methylcyclohexane	6.689	83	16381	0.876	ug/L #	18
37) 1,2-Dichloropropane	6.692	63	7361	0.579	ug/L #	90
48) 2-Hexanone	8.685	43	15486	2.951	ug/L #	90
61) 1,2,3-Trichloropropane	11.811	75	13754	1.921	ug/L #	66

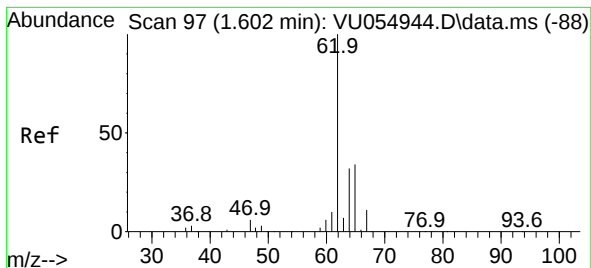
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 2.517 ug/L

RT: 1.599 min Scan# 9

Delta R.T. -0.003 min

Lab File: VU054958.D

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Instrument :

MSVOA_U

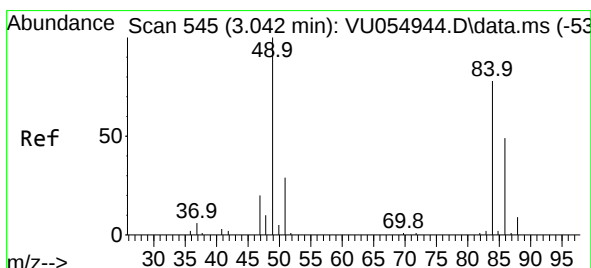
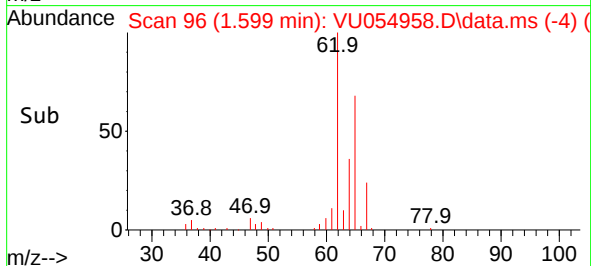
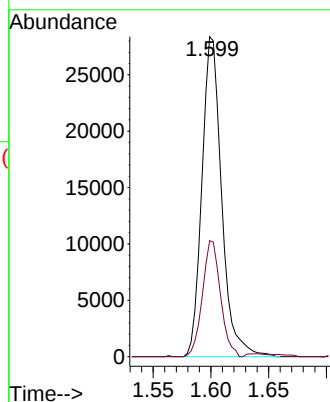
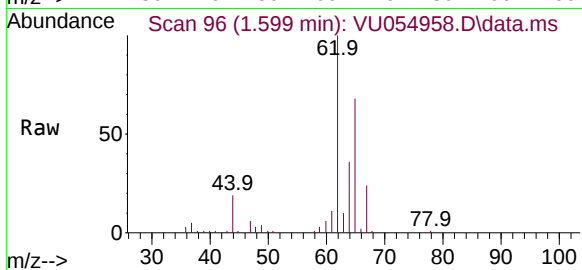
ClientSampleId :

Tgt Ion: 62 Resp: 33684

Ion Ratio Lower Upper

62 100

64 36.2 22.7 42.1



#16

Methylene chloride

Concen: 1.218 ug/L

RT: 3.039 min Scan# 544

Delta R.T. -0.003 min

Lab File: VU054958.D

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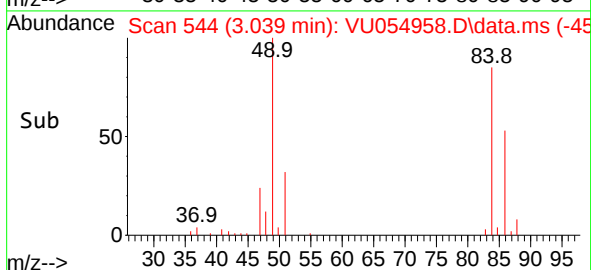
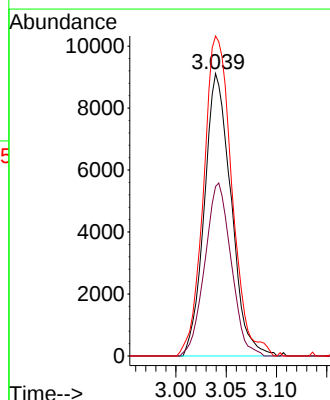
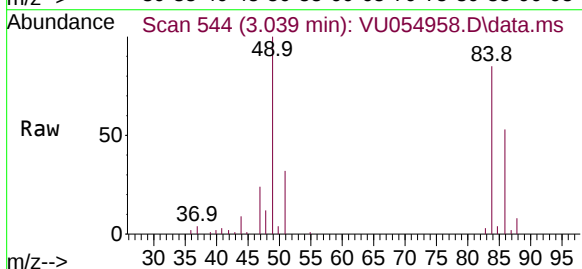
Tgt Ion: 84 Resp: 16845

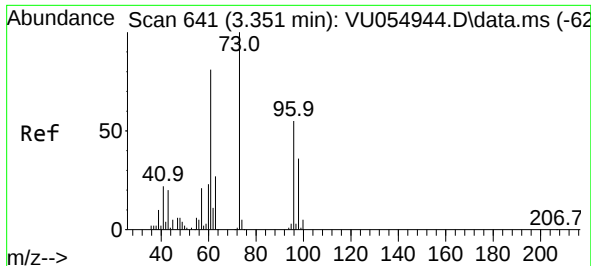
Ion Ratio Lower Upper

84 100

86 60.0 45.1 83.7

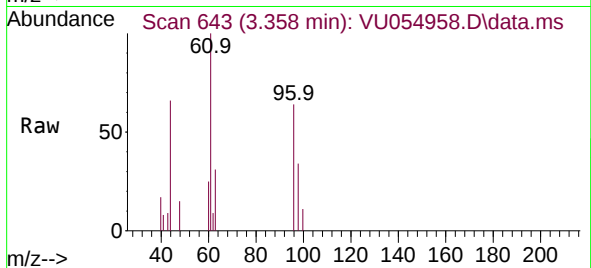
49 117.4 89.5 166.3



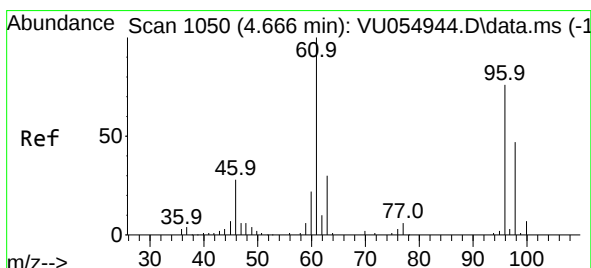
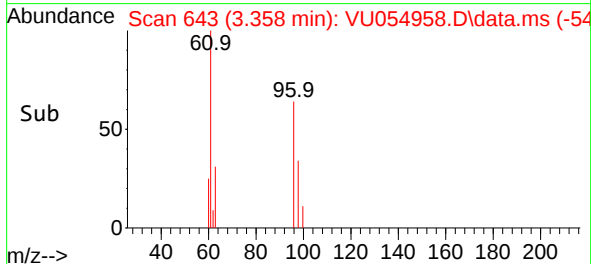
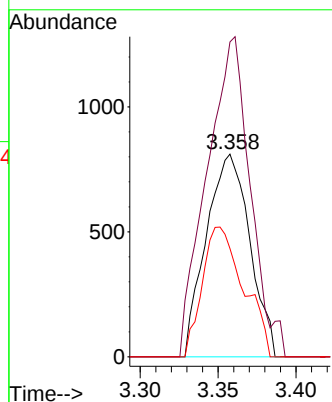


#18
trans-1,2-Dichloroethene
Concen: 0.160 ug/L
RT: 3.358 min Scan# 641
Delta R.T. 0.007 min
Lab File: VU054958.D
Acq: 29 Aug 2023 15:45

Instrument :
MSVOA_U
ClientSampleId :

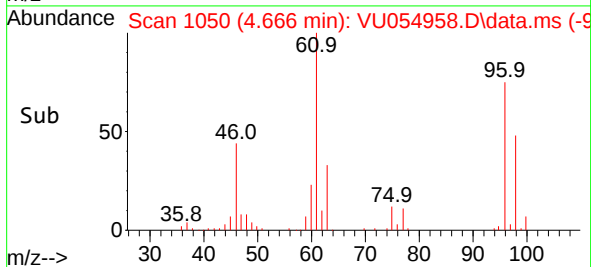
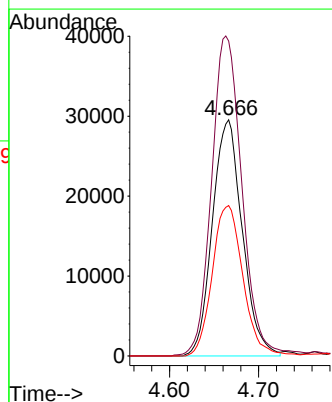
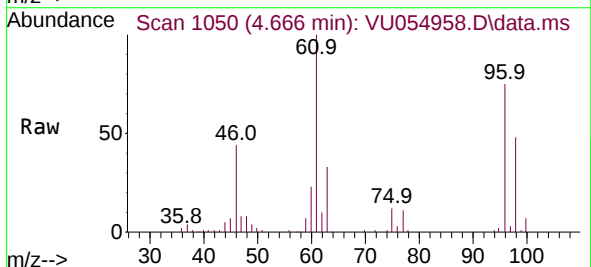


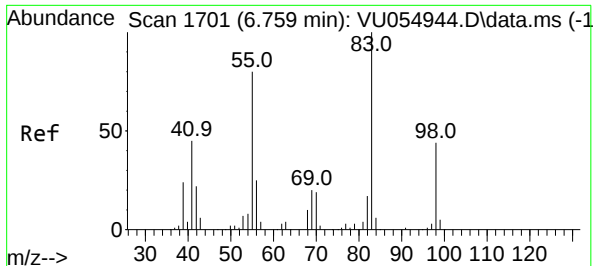
Tgt Ion: 96 Resp: 1575
Ion Ratio Lower Upper
96 100
61 155.4 108.8 202.0
98 53.4 45.8 85.2



#22
cis-1,2-Dichloroethene
Concen: 5.879 ug/L
RT: 4.666 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VU054958.D
Acq: 29 Aug 2023 15:45

Tgt Ion: 96 Resp: 68950
Ion Ratio Lower Upper
96 100
61 133.3 88.4 164.2
98 63.7 44.0 81.6





#35

Methylcyclohexane

Concen: 0.876 ug/L

RT: 6.689 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU054958.D

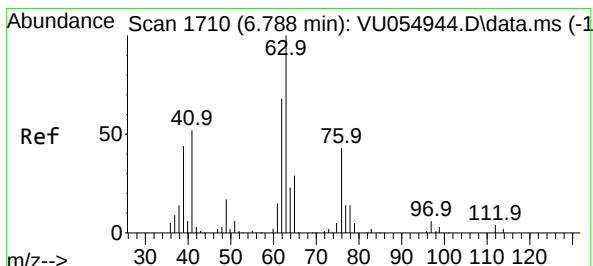
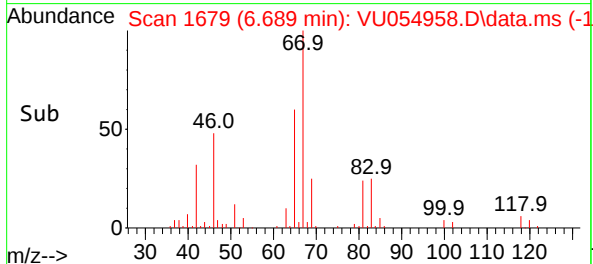
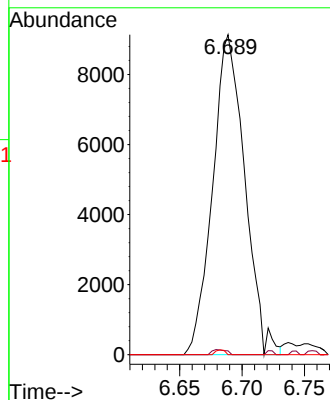
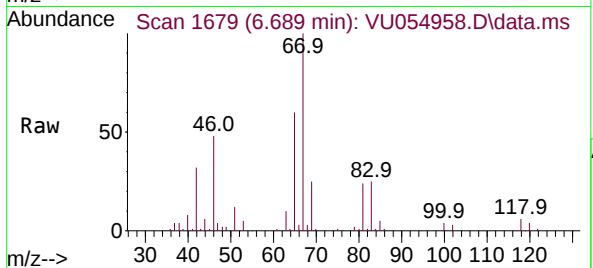
Acq: 29 Aug 2023 15:45

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 16381
Ion Ratio	Lower Upper
83	100
55	0.7 62.1 93.1#
98	0.4 37.8 56.6#



#37

1,2-Dichloropropane

Concen: 0.579 ug/L

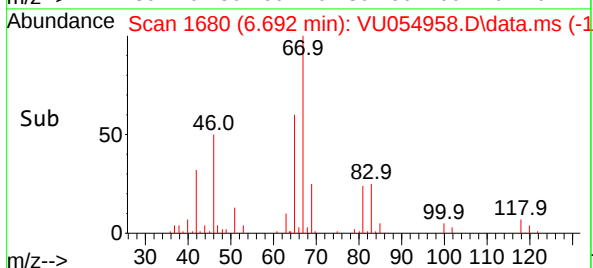
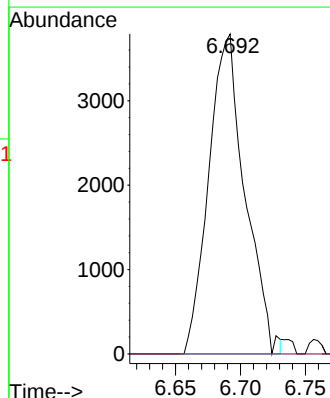
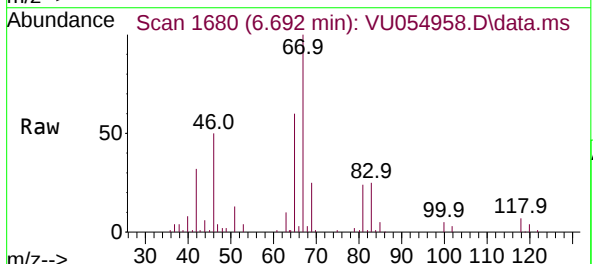
RT: 6.692 min Scan# 1680

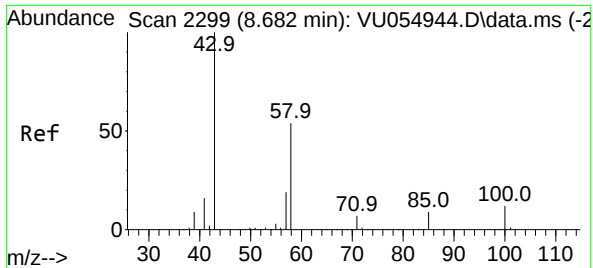
Delta R.T. -0.096 min

Lab File: VU054958.D

Acq: 29 Aug 2023 15:45

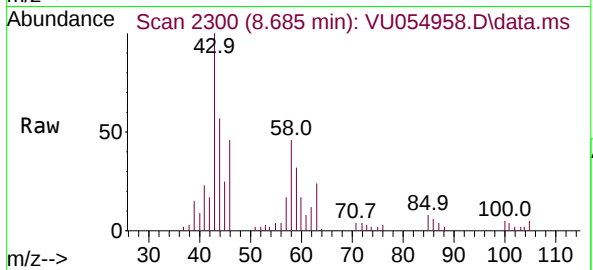
Tgt Ion: 63	Resp: 7361
Ion Ratio	Lower Upper
63	100
112	0.0 2.7 4.1#



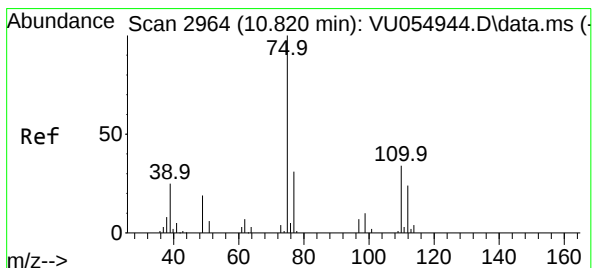
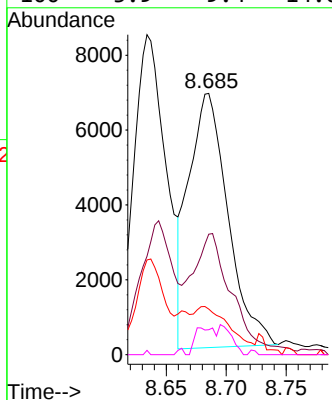
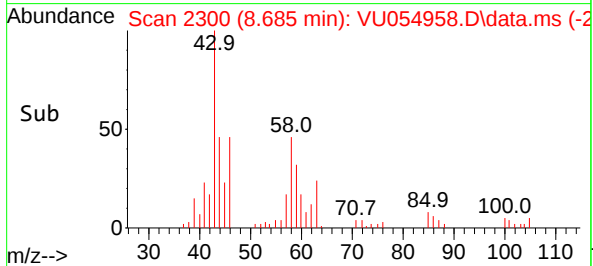


#48
2-Hexanone
Concen: 2.951 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU054958.D
Acq: 29 Aug 2023 15:45

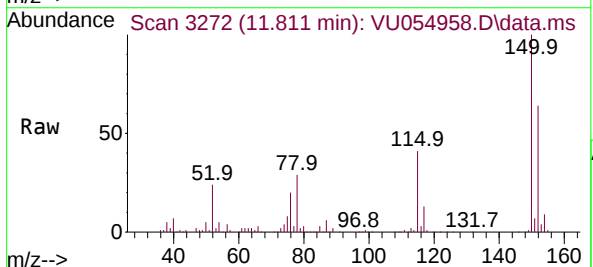
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 15486
Ion Ratio Lower Upper
43 100
58 48.6 44.0 66.0
57 16.2 15.9 23.9
100 3.9 9.4 14.0#



#61
1,2,3-Trichloropropane
Concen: 1.921 ug/L
RT: 11.811 min Scan# 3272
Delta R.T. 0.990 min
Lab File: VU054958.D
Acq: 29 Aug 2023 15:45



Tgt Ion: 75 Resp: 13754
Ion Ratio Lower Upper
75 100
110 1.0 29.0 43.6#
77 29.8 26.5 39.7

