

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120723\
 Data File : VU056686.D
 Acq On : 07 Dec 2023 17:17
 Operator : MD/SY
 Sample : 05687-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 08 02:04:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 07 04:51:32 2023
 Response via : Initial Calibration

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

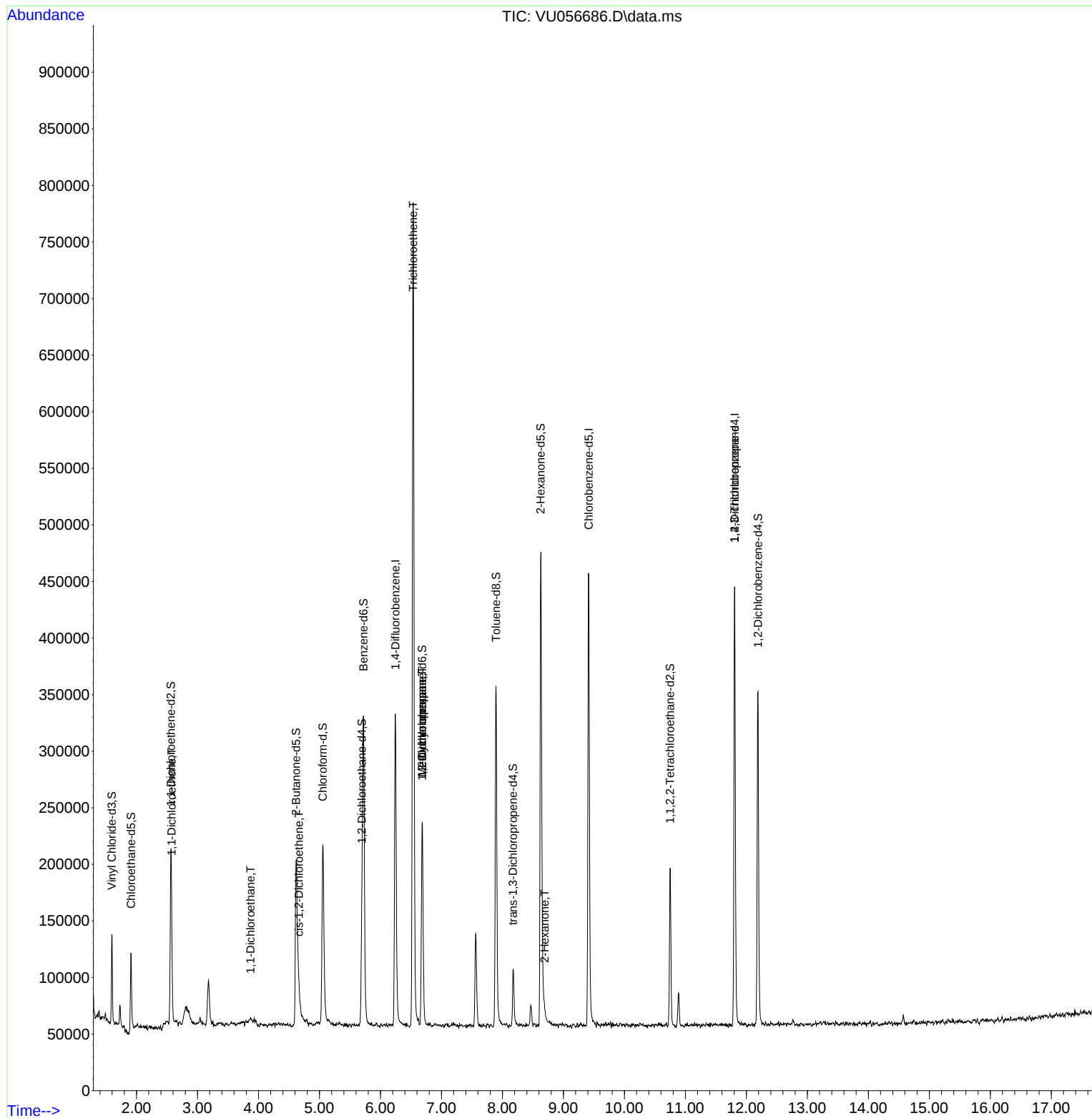
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	229689	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	237535	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	102961	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	54147	3.152	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.000%
7) Chloroethane-d5	1.911	69	51293	3.894	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.800%
11) 1,1-Dichloroethene-d2	2.563	65	25865	3.411	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.200%
20) 2-Butanone-d5	4.618	46	201840	58.919	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.840%
24) Chloroform-d	5.055	84	146620	4.412	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
26) 1,2-Dichloroethane-d4	5.695	65	73398	4.780	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
32) Benzene-d6	5.721	84	260147	3.676	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.600%
36) 1,2-Dichloropropane-d6	6.685	67	89441	4.193	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.800%
41) Toluene-d8	7.894	98	212261	3.396	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.000%#
43) trans-1,3-Dichloroprop...	8.174	79	32003	3.912	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.200%
46) 2-Hexanone-d5	8.627	63	146600	45.603	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.200%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	70359	4.616	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	79985	4.205	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.200%
Target Compounds						
12) 1,1-Dichloroethene	2.576	96	13442	0.956	ug/L #	1
19) 1,1-Dichloroethane	3.869	63	4009	0.140	ug/L	96
22) cis-1,2-Dichloroethene	4.663	96	5537	0.337	ug/L	96
34) Trichloroethene	6.537	95	261654	14.169	ug/L	99
35) Methylcyclohexane	6.685	83	21339	0.800	ug/L #	23
37) 1,2-Dichloropropane	6.682	63	9685	0.548	ug/L #	88
48) 2-Hexanone	8.692	43	5101	0.747	ug/L #	86
61) 1,2,3-Trichloropropane	11.807	75	12838	1.453	ug/L #	67

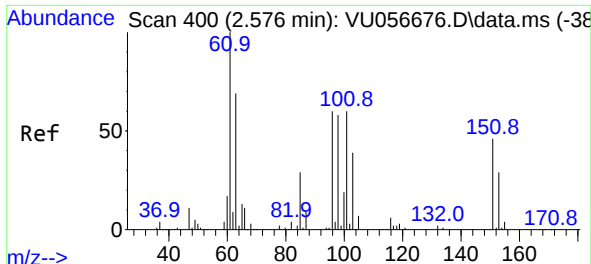
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.956 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.000 min

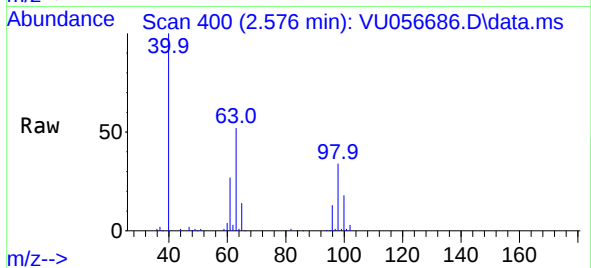
Lab File: VU056686.D

Acq: 07 Dec 2023 17:17

Instrument :

MSVOA_U

ClientSampleId :



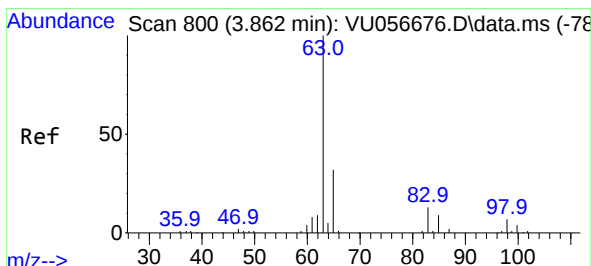
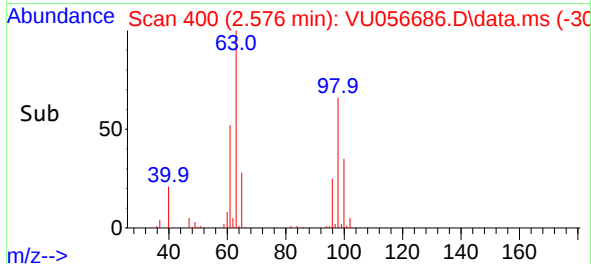
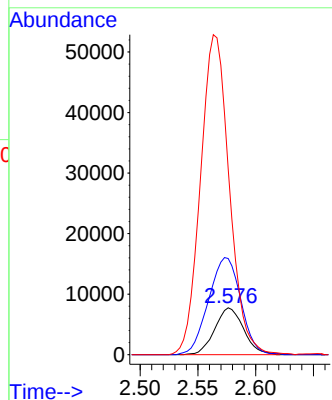
Tgt Ion: 96 Resp: 13442

Ion Ratio Lower Upper

96 100

61 204.7 123.1 228.7

63 395.8 93.3 173.3#



#19

1,1-Dichloroethane

Concen: 0.140 ug/L

RT: 3.869 min Scan# 802

Delta R.T. 0.006 min

Lab File: VU056686.D

Acq: 07 Dec 2023 17:17

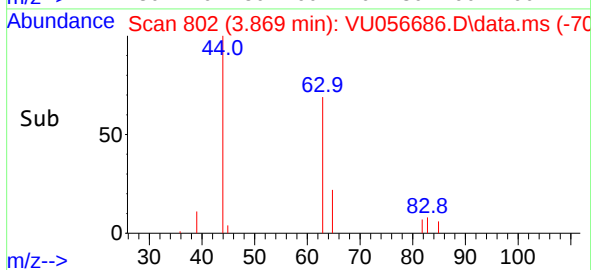
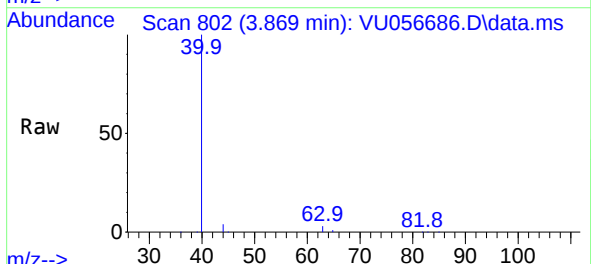
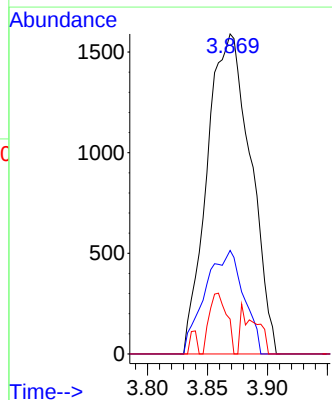
Tgt Ion: 63 Resp: 4009

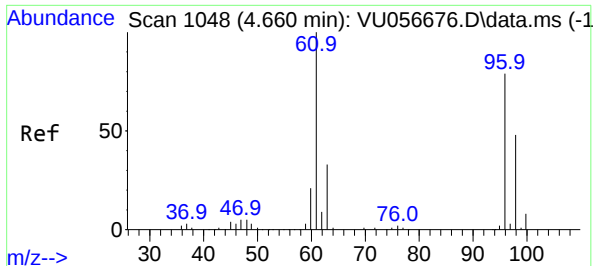
Ion Ratio Lower Upper

63 100

65 32.3 21.8 40.6

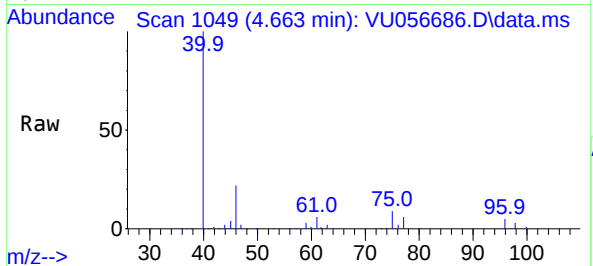
83 10.9 9.7 17.9



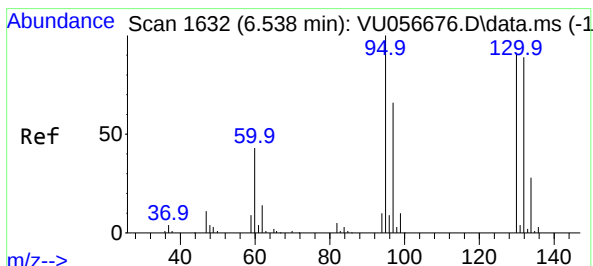
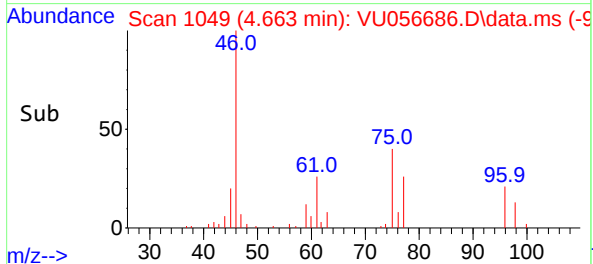
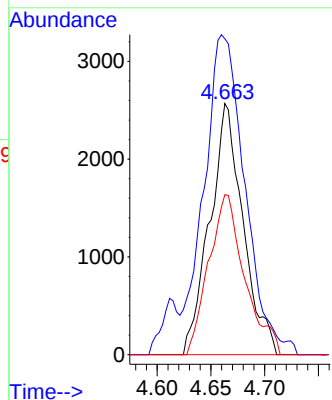


#22
 cis-1,2-Dichloroethene
 Concen: 0.337 ug/L
 RT: 4.663 min Scan# 1048
 Delta R.T. 0.000 min
 Lab File: VU056686.D
 Acq: 07 Dec 2023 17:17

Instrument :
 MSVOA_U
 ClientSampleId :

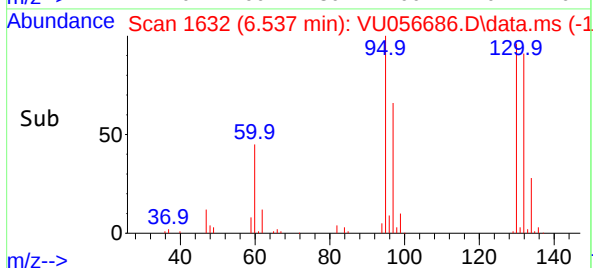
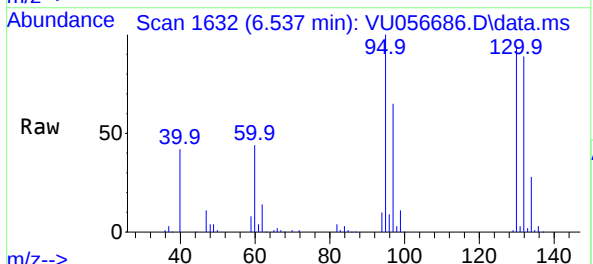
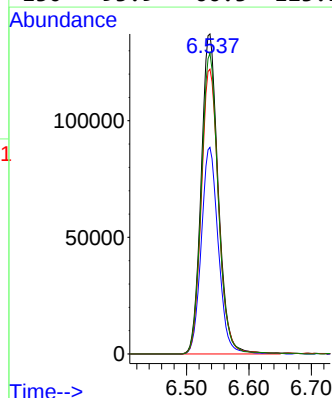


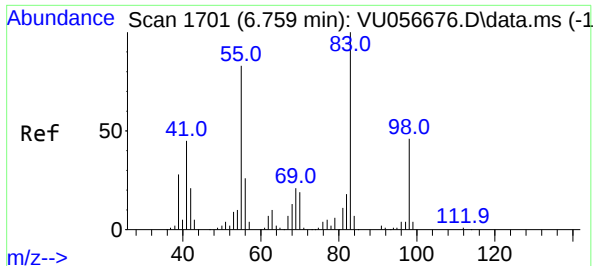
Tgt Ion: 96 Resp: 5537
 Ion Ratio Lower Upper
 96 100
 61 125.8 93.2 173.2
 98 63.7 44.8 83.2



#34
 Trichloroethene
 Concen: 14.169 ug/L
 RT: 6.537 min Scan# 1632
 Delta R.T. 0.000 min
 Lab File: VU056686.D
 Acq: 07 Dec 2023 17:17

Tgt Ion: 95 Resp: 261654
 Ion Ratio Lower Upper
 95 100
 97 64.6 46.5 86.3
 132 89.0 62.0 115.2
 130 93.9 66.3 123.1

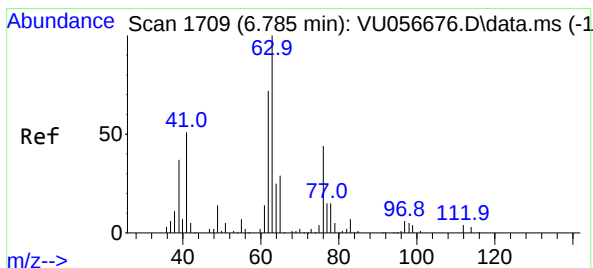
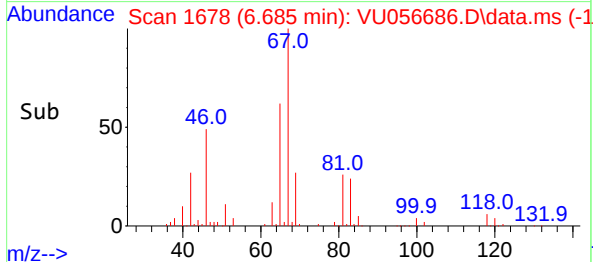
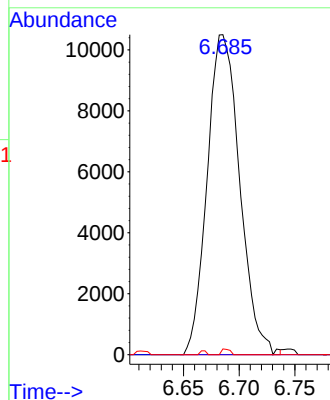
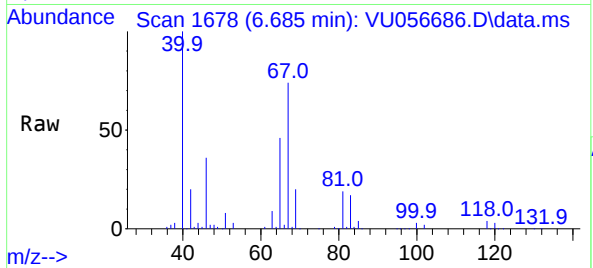




#35
Methylcyclohexane
Concen: 0.800 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU056686.D
Acq: 07 Dec 2023 17:17

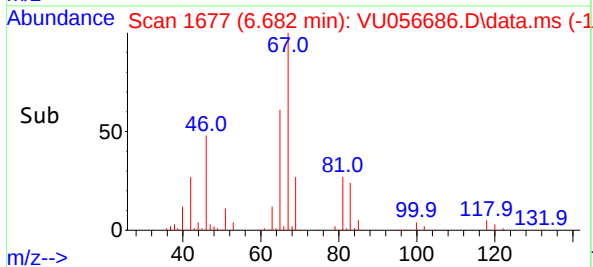
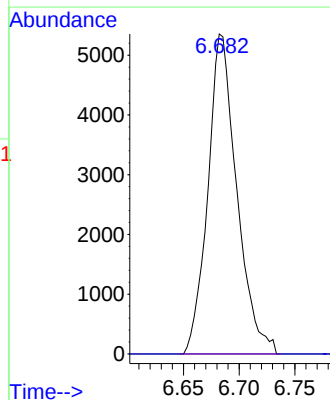
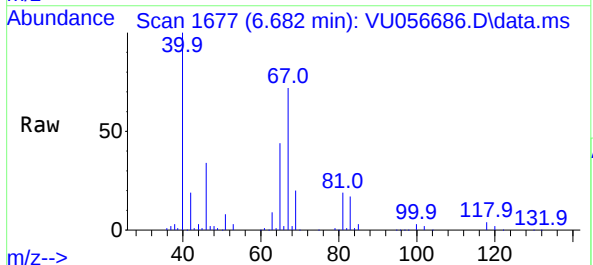
Instrument :
MSVOA_U
ClientSampleId :

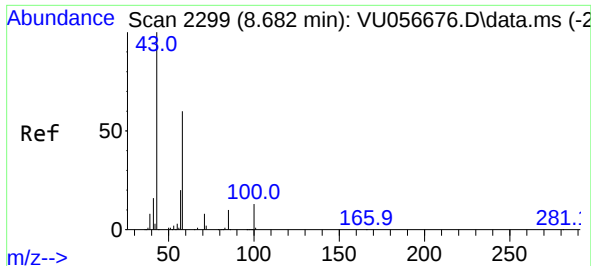
Tgt Ion: 83 Resp: 21339
Ion Ratio Lower Upper
83 100
55 0.0 62.9 94.3#
98 9.9 35.3 52.9#



#37
1,2-Dichloropropane
Concen: 0.548 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.103 min
Lab File: VU056686.D
Acq: 07 Dec 2023 17:17

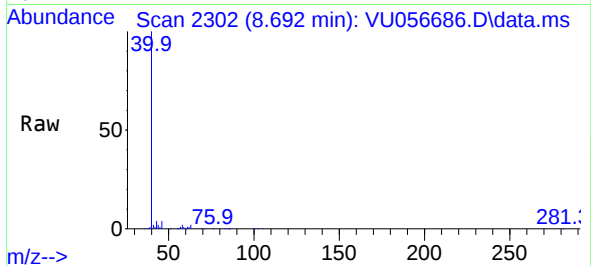
Tgt Ion: 63 Resp: 9685
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



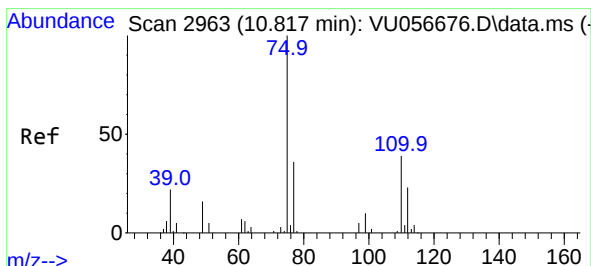
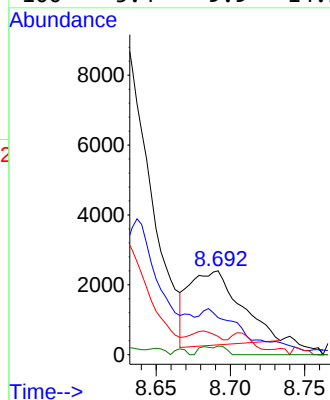
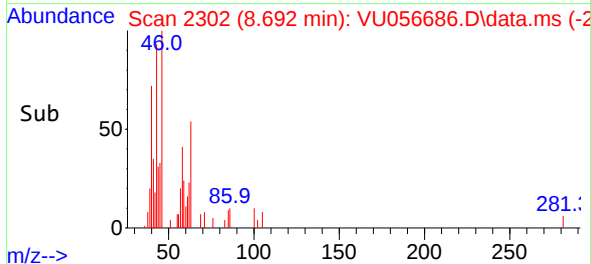


#48
2-Hexanone
Concen: 0.747 ug/L
RT: 8.692 min Scan# 21
Delta R.T. 0.013 min
Lab File: VU056686.D
Acq: 07 Dec 2023 17:17

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 5101
Ion Ratio Lower Upper
43 100
58 48.9 48.7 73.1
57 17.6 16.8 25.2
100 5.4 9.9 14.9#



#61
1,2,3-Trichloropropane
Concen: 1.453 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU056686.D
Acq: 07 Dec 2023 17:17

Tgt Ion: 75 Resp: 12838
Ion Ratio Lower Upper
75 100
110 1.6 30.4 45.6#
77 32.5 27.0 40.6

