

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091323\
 Data File : VU055289.D
 Acq On : 13 Sep 2023 17:05
 Operator : MD/SY
 Sample : 04350-09DL 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 14 05:06:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 14 05:00:29 2023
 Response via : Initial Calibration

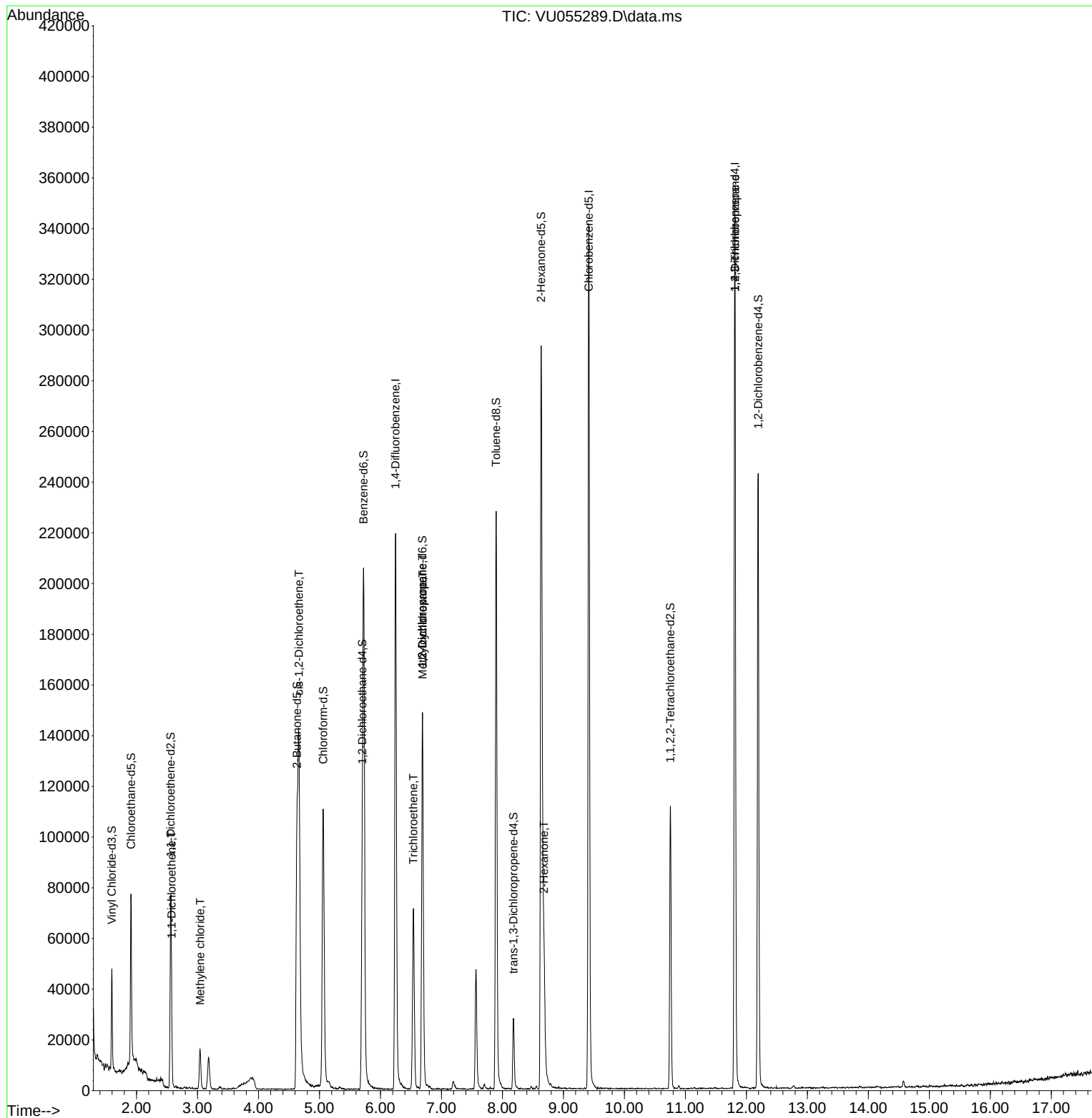
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	179660	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	191994	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	89539	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	26308	3.124	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.400%
7) Chloroethane-d5	1.911	69	46175	4.737	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.800%
11) 1,1-Dichloroethene-d2	2.560	65	14398	3.001	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.000%
20) 2-Butanone-d5	4.631	46	166437	68.114	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	136.220%#
24) Chloroform-d	5.062	84	101688	4.551	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
26) 1,2-Dichloroethane-d4	5.702	65	58215	5.208	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.200%
32) Benzene-d6	5.724	84	193695	4.087	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.800%
36) 1,2-Dichloropropane-d6	6.689	67	71120	4.718	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.400%
41) Toluene-d8	7.898	98	157679	3.612	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.200%
43) trans-1,3-Dichloroprop...	8.181	79	16270	3.920	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.400%
46) 2-Hexanone-d5	8.634	63	94514	56.083	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.160%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	55485	5.234	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.600%
66) 1,2-Dichlorobenzene-d4	12.193	152	59997	4.591	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.800%
Target Compounds						
12) 1,1-Dichloroethene	2.576	96	1696	0.204	ug/L #	1
16) Methylene chloride	3.042	84	7242	0.571	ug/L	95
22) cis-1,2-Dichloroethene	4.663	96	52083	5.049	ug/L	94
34) Trichloroethene	6.541	95	21399	1.884	ug/L	96
35) Methylcyclohexane	6.692	83	16704	1.048	ug/L #	19
37) 1,2-Dichloropropane	6.689	63	7699	0.692	ug/L #	88
48) 2-Hexanone	8.682	43	28576	5.749	ug/L #	88
61) 1,2,3-Trichloropropane	11.814	75	11669	1.964	ug/L #	71

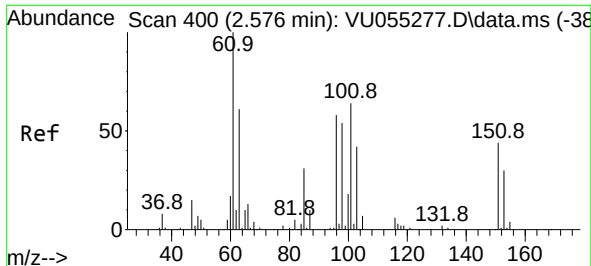
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.204 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.000 min

Lab File: VU055289.D

Acq: 13 Sep 2023 17:05

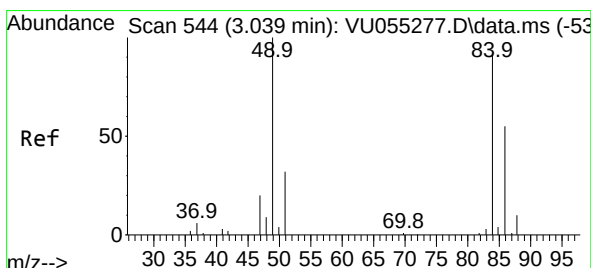
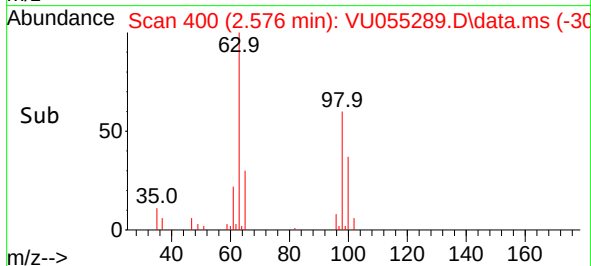
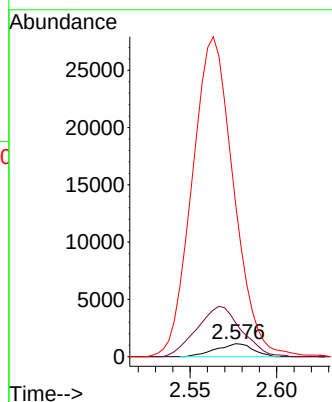
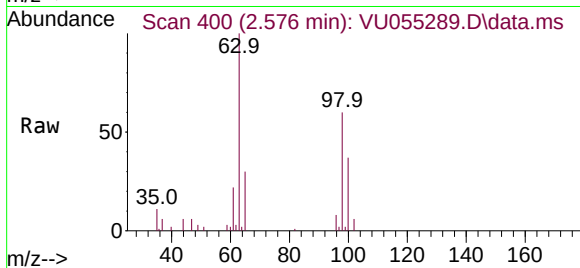
Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 96 Resp: 1696

Ion	Ratio	Lower	Upper
96	100		
61	262.5	120.8	224.4#
63	1186.0	94.5	175.5#



#16

Methylene chloride

Concen: 0.571 ug/L

RT: 3.042 min Scan# 545

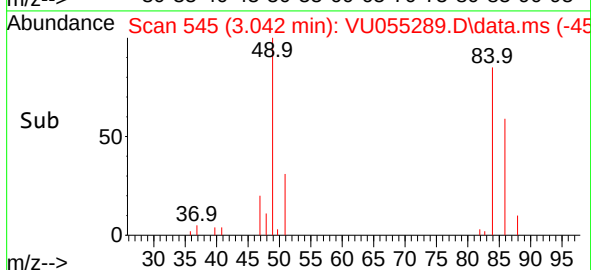
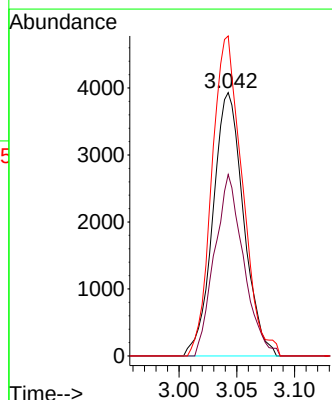
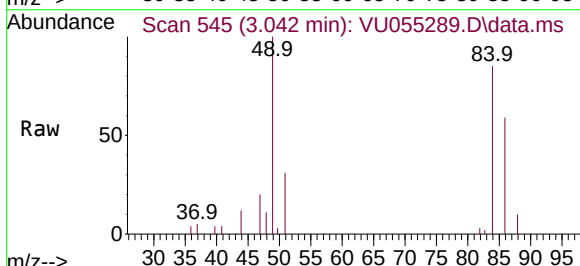
Delta R.T. 0.003 min

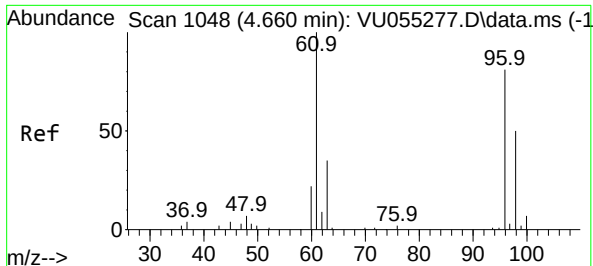
Lab File: VU055289.D

Acq: 13 Sep 2023 17:05

Tgt Ion: 84 Resp: 7242

Ion	Ratio	Lower	Upper
84	100		
86	68.9	43.4	80.6
49	121.5	87.7	162.9

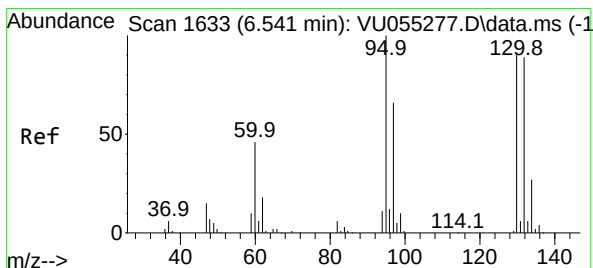
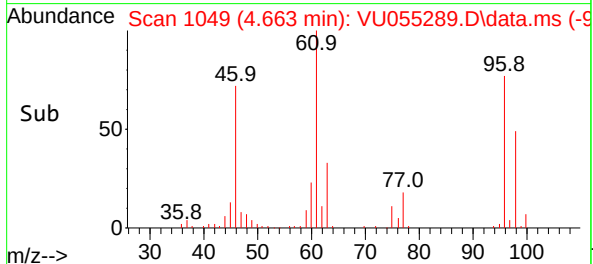
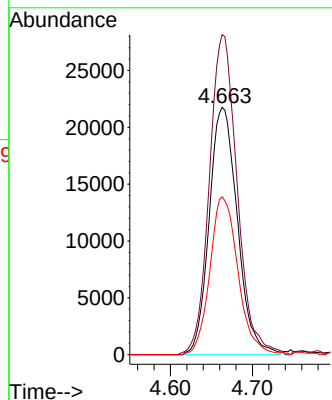
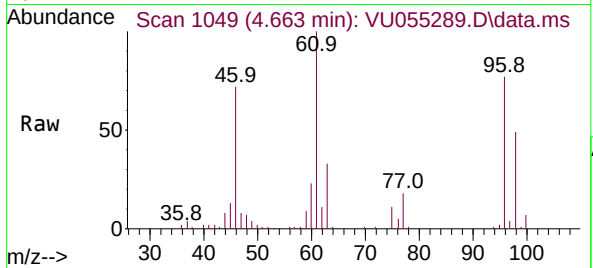




#22
 cis-1,2-Dichloroethene
 Concen: 5.049 ug/L
 RT: 4.663 min Scan# 1048
 Delta R.T. 0.003 min
 Lab File: VU055289.D
 Acq: 13 Sep 2023 17:05

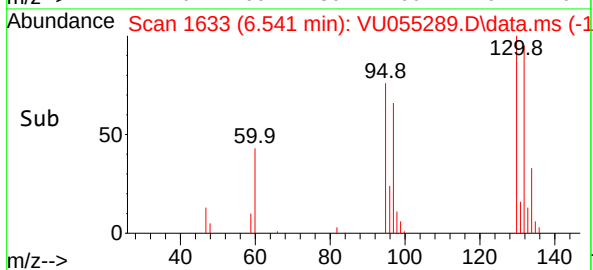
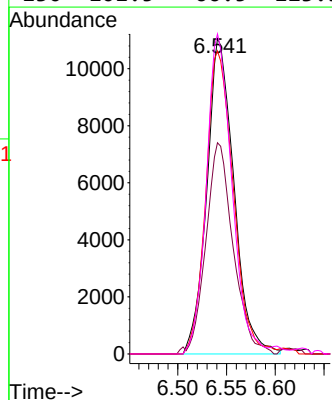
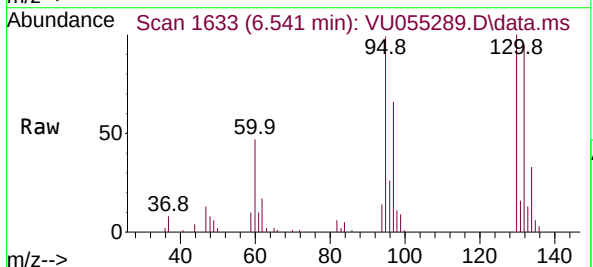
Instrument :
 MSVOA_U
 ClientSampleId :

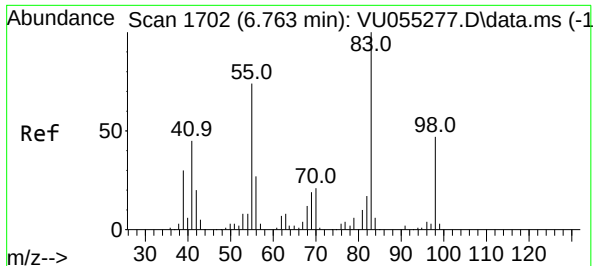
Tgt Ion: 96 Resp: 52083
 Ion Ratio Lower Upper
 96 100
 61 129.4 97.2 180.4
 98 63.8 46.1 85.7



#34
 Trichloroethene
 Concen: 1.884 ug/L
 RT: 6.541 min Scan# 1633
 Delta R.T. 0.000 min
 Lab File: VU055289.D
 Acq: 13 Sep 2023 17:05

Tgt Ion: 95 Resp: 21399
 Ion Ratio Lower Upper
 95 100
 97 67.0 44.7 83.1
 132 96.1 66.6 123.6
 130 101.5 66.5 123.5

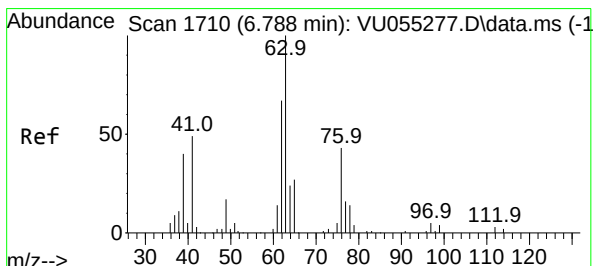
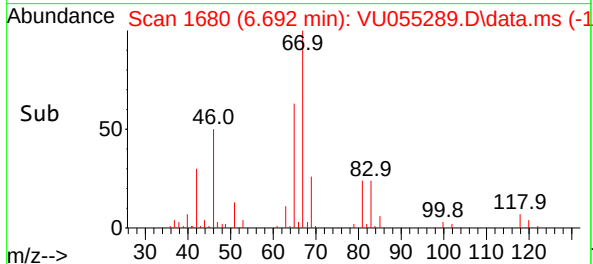
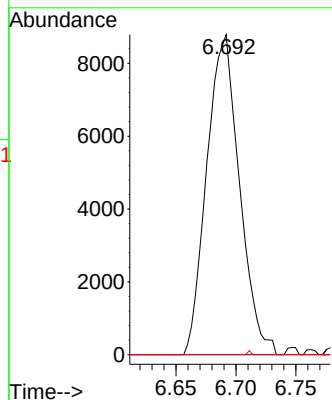
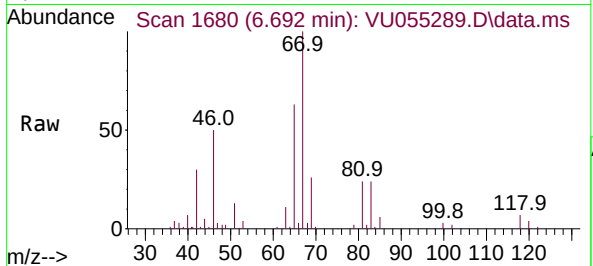




#35
Methylcyclohexane
Concen: 1.048 ug/L
RT: 6.692 min Scan# 1670
Delta R.T. -0.071 min
Lab File: VU055289.D
Acq: 13 Sep 2023 17:05

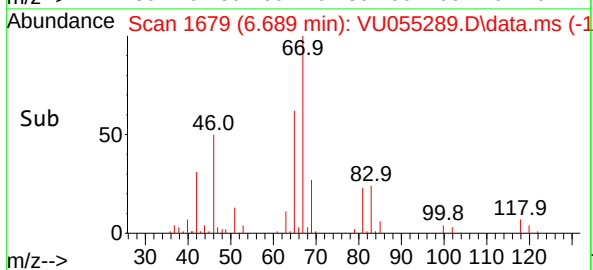
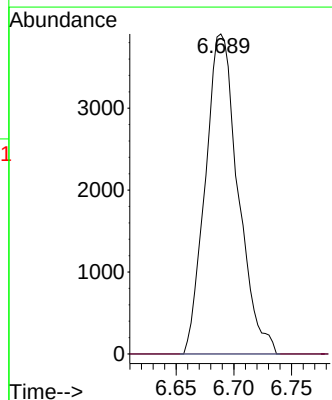
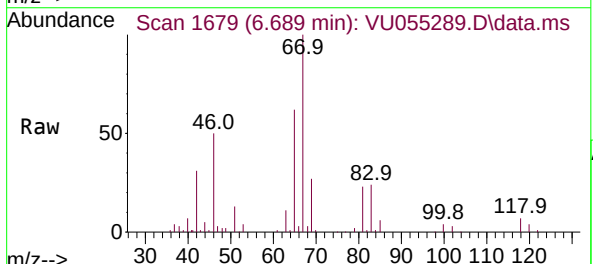
Instrument :
MSVOA_U
ClientSampleId :

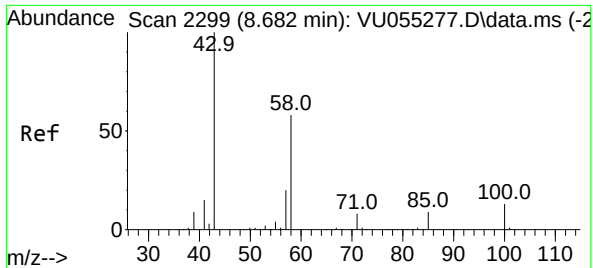
Tgt Ion: 83 Resp: 16704
Ion Ratio Lower Upper
83 100
55 0.0 60.4 90.6#
98 0.0 35.3 52.9#



#37
1,2-Dichloropropane
Concen: 0.692 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.100 min
Lab File: VU055289.D
Acq: 13 Sep 2023 17:05

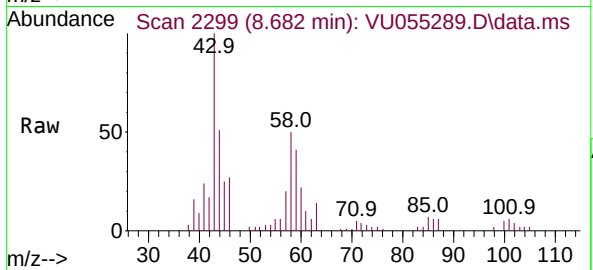
Tgt Ion: 63 Resp: 7699
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



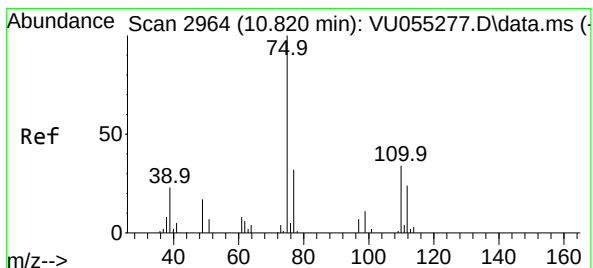
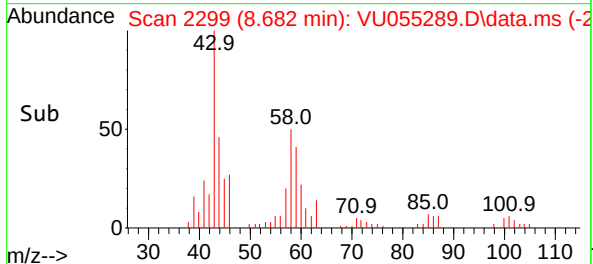
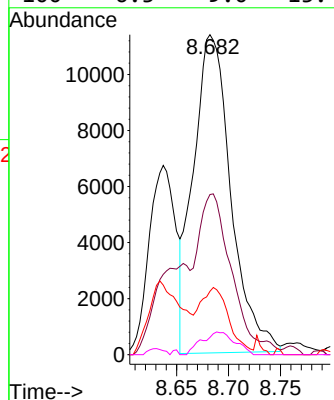


#48
2-Hexanone
Concen: 5.749 ug/L
RT: 8.682 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055289.D
Acq: 13 Sep 2023 17:05

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 28576
Ion Ratio Lower Upper
43 100
58 46.1 44.0 66.0
57 16.3 16.2 24.2
100 6.3 9.0 13.4#



#61
1,2,3-Trichloropropane
Concen: 1.964 ug/L
RT: 11.814 min Scan# 3273
Delta R.T. 0.994 min
Lab File: VU055289.D
Acq: 13 Sep 2023 17:05

Tgt Ion: 75 Resp: 11669
Ion Ratio Lower Upper
75 100
110 2.5 28.2 42.2#
77 33.0 26.2 39.4

