

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090723\
 Data File : VU055187.D
 Acq On : 07 Sep 2023 14:38
 Operator : MD/SY
 Sample : 04286-19DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 08 05:07:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 08 05:04:57 2023
 Response via : Initial Calibration

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

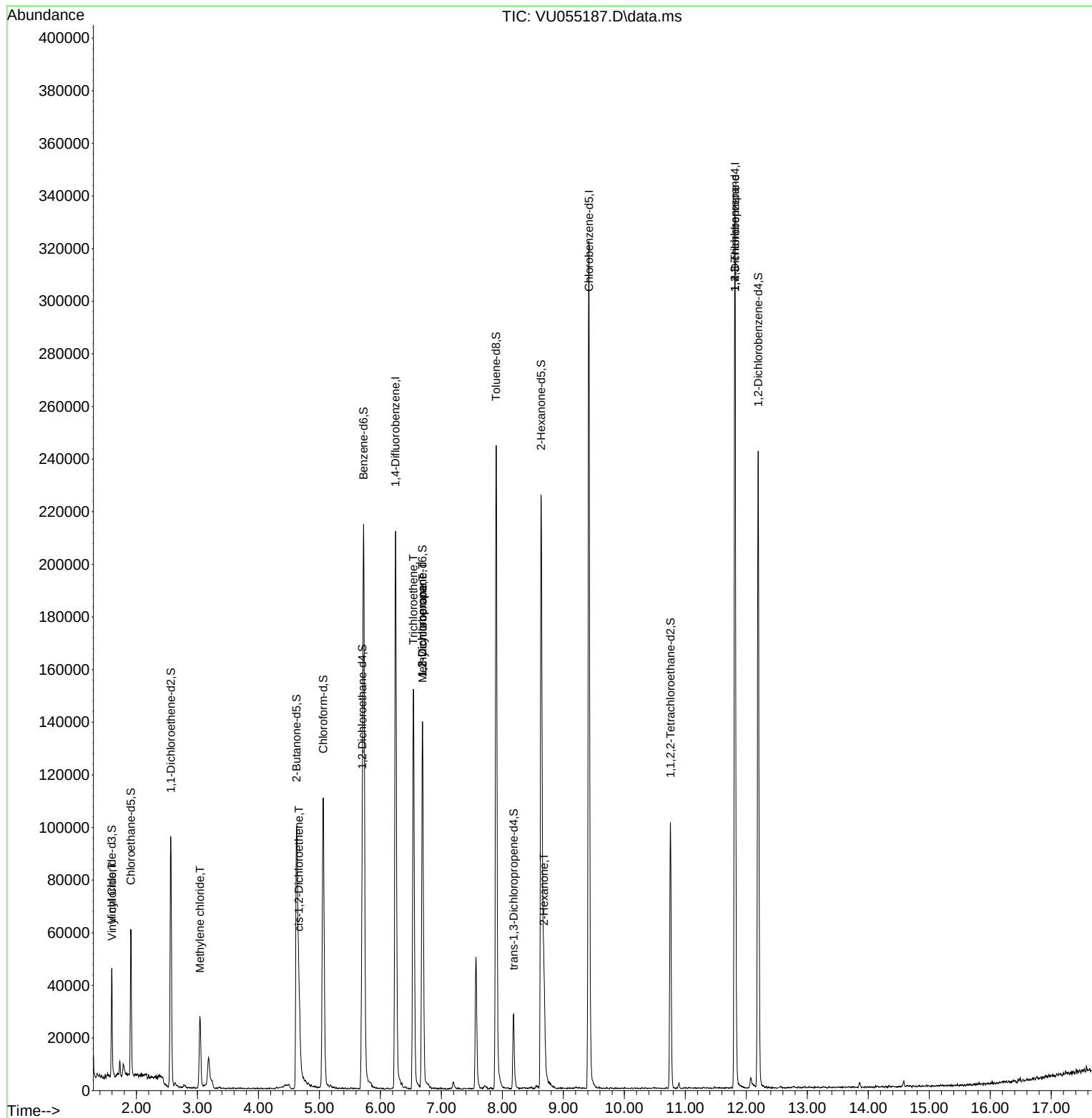
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	164018	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.419	117	175910	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	84505	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	28538	3.712	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.200%
7) Chloroethane-d5	1.908	69	37864	4.255	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.200%
11) 1,1-Dichloroethene-d2	2.563	65	18590	4.244	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.800%
20) 2-Butanone-d5	4.625	46	131768	59.068	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.140%
24) Chloroform-d	5.062	84	102004	5.001	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	5.702	65	53919	5.283	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.600%
32) Benzene-d6	5.724	84	192940	4.443	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
36) 1,2-Dichloropropane-d6	6.689	67	66324	4.802	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.000%
41) Toluene-d8	7.898	98	166215	4.155	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.200%
43) trans-1,3-Dichloroprop...	8.184	79	16468	4.330	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.600%
46) 2-Hexanone-d5	8.634	63	72094	46.691	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.380%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	50748	5.225	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.400%
66) 1,2-Dichlorobenzene-d4	12.193	152	60716	4.922	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.400%
Target Compounds						
5) Vinyl chloride	1.599	62	1163	0.114	ug/L #	51
16) Methylene chloride	3.039	84	12077	1.042	ug/L	92
22) cis-1,2-Dichloroethene	4.663	96	9723	1.032	ug/L	91
34) Trichloroethene	6.541	95	50947	4.896	ug/L	97
35) Methylcyclohexane	6.692	83	14502	0.993	ug/L #	19
37) 1,2-Dichloropropane	6.689	63	7926	0.778	ug/L #	88
48) 2-Hexanone	8.682	43	19462	4.273	ug/L #	91
61) 1,2,3-Trichloropropane	11.811	75	12785	2.280	ug/L #	70

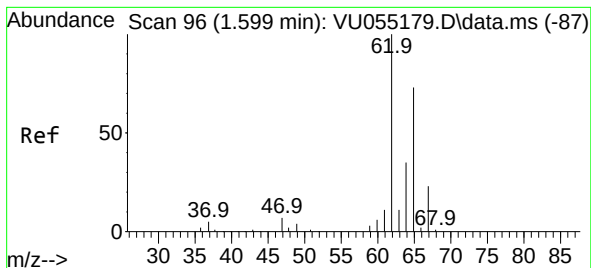
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090723\
Data File : VU055187.D
Acq On : 07 Sep 2023 14:38
Operator : MD/SY
Sample : 04286-19DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Sep 08 05:07:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 08 05:04:57 2023
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.114 ug/L

RT: 1.599 min Scan# 96

Delta R.T. 0.000 min

Lab File: VU055187.D

Acq: 07 Sep 2023 14:38

Instrument :

MSVOA_U

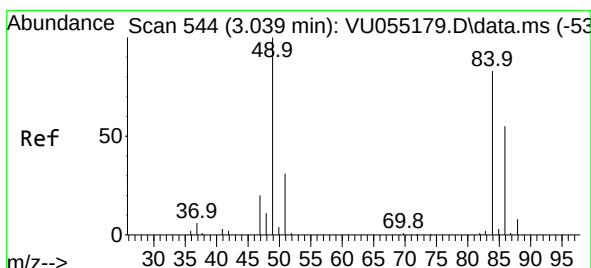
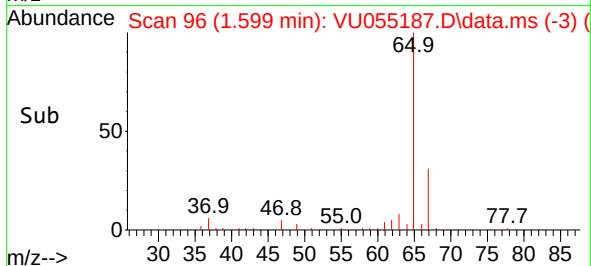
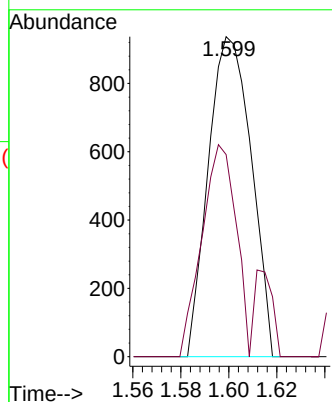
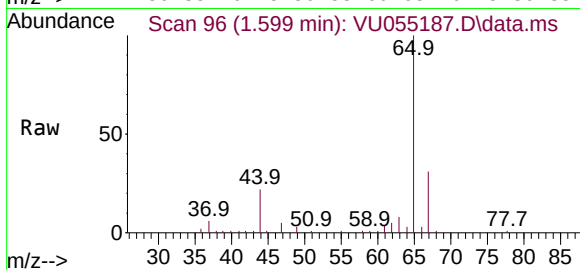
ClientSampleId :

Tgt Ion: 62 Resp: 1163

Ion Ratio Lower Upper

62 100

64 63.2 24.2 45.0#



#16

Methylene chloride

Concen: 1.042 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.000 min

Lab File: VU055187.D

Acq: 07 Sep 2023 14:38

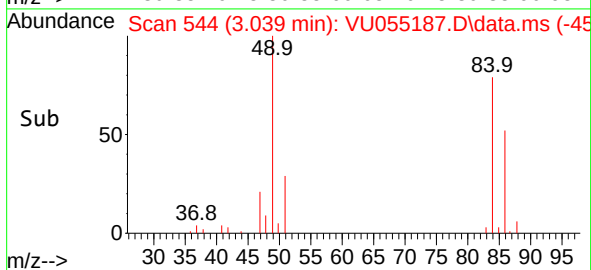
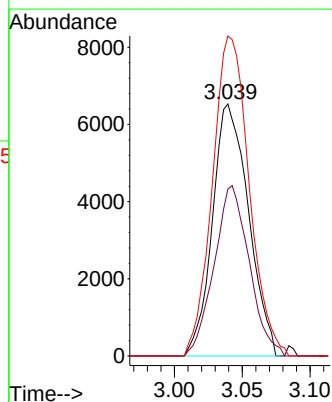
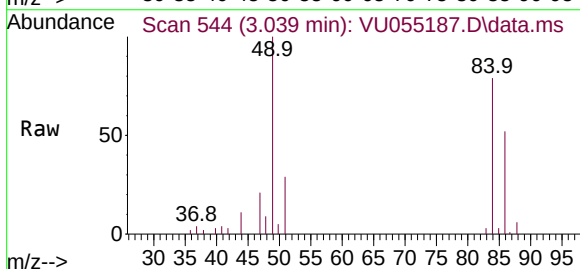
Tgt Ion: 84 Resp: 12077

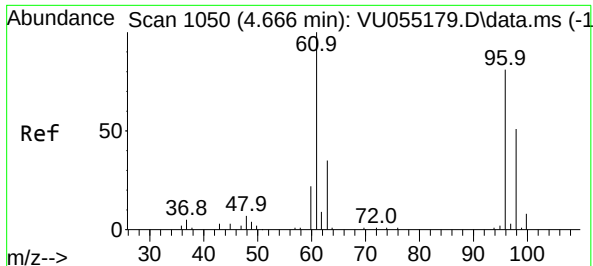
Ion Ratio Lower Upper

84 100

86 68.0 43.4 80.6

49 133.9 87.7 162.9

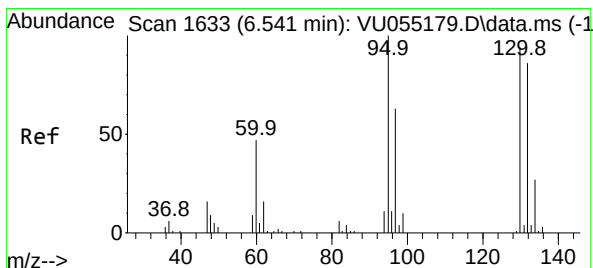
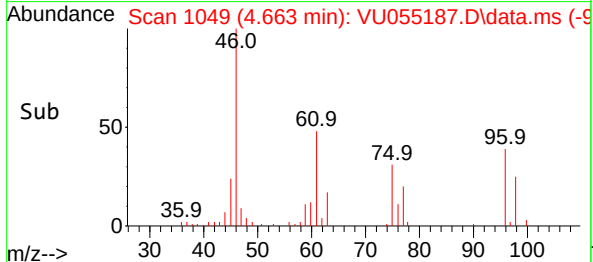
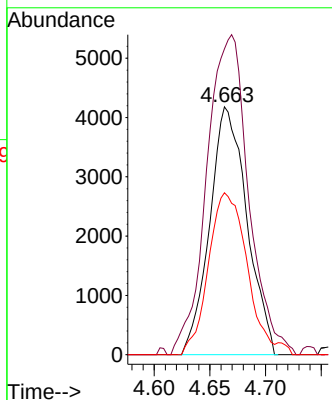
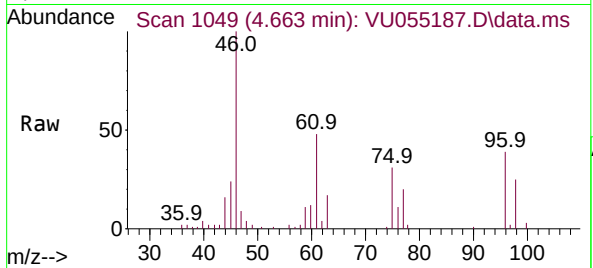




#22
 cis-1,2-Dichloroethene
 Concen: 1.032 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. -0.003 min
 Lab File: VU055187.D
 Acq: 07 Sep 2023 14:38

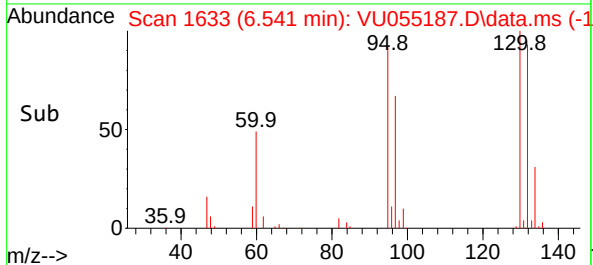
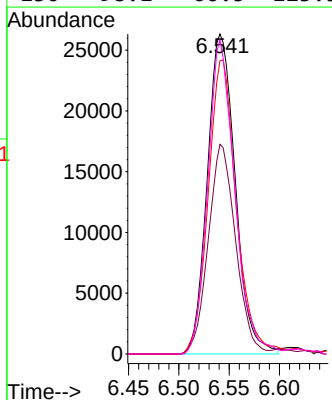
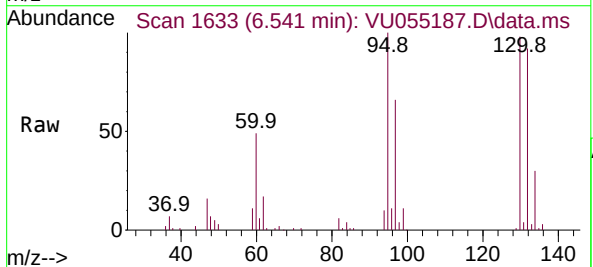
Instrument :
 MSVOA_U
 ClientSampleId :

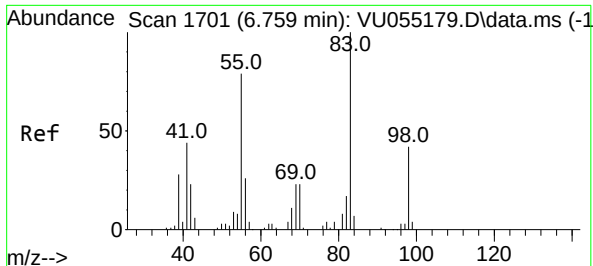
Tgt Ion: 96 Resp: 9723
 Ion Ratio Lower Upper
 96 100
 61 123.4 97.2 180.4
 98 65.4 46.1 85.7



#34
 Trichloroethene
 Concen: 4.896 ug/L
 RT: 6.541 min Scan# 1633
 Delta R.T. 0.000 min
 Lab File: VU055187.D
 Acq: 07 Sep 2023 14:38

Tgt Ion: 95 Resp: 50947
 Ion Ratio Lower Upper
 95 100
 97 65.5 44.7 83.1
 132 91.6 66.6 123.6
 130 98.1 66.5 123.5





#35

Methylcyclohexane

Concen: 0.993 ug/L

RT: 6.692 min Scan# 1679

Delta R.T. -0.067 min

Lab File: VU055187.D

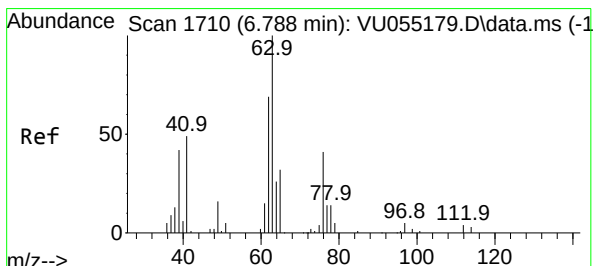
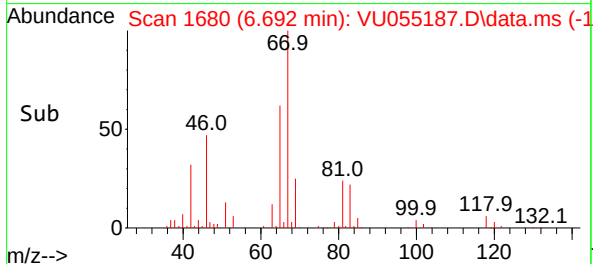
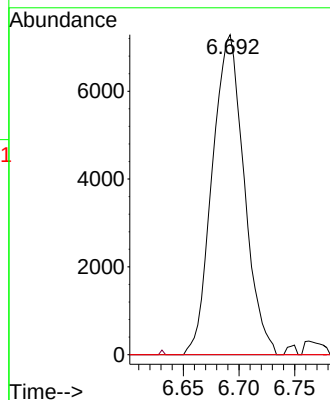
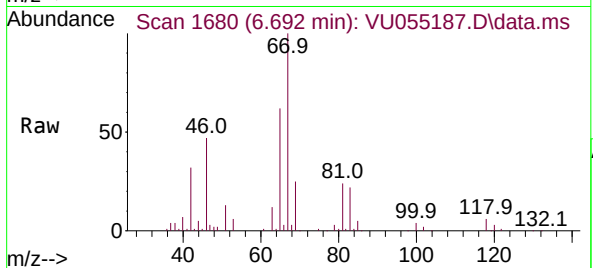
Acq: 07 Sep 2023 14:38

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	14502
Ion Ratio	Lower	Upper	
83	100		
55	0.1	60.4	90.6#
98	0.0	35.3	52.9#



#37

1,2-Dichloropropane

Concen: 0.778 ug/L

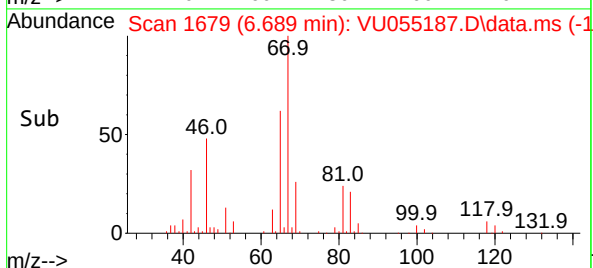
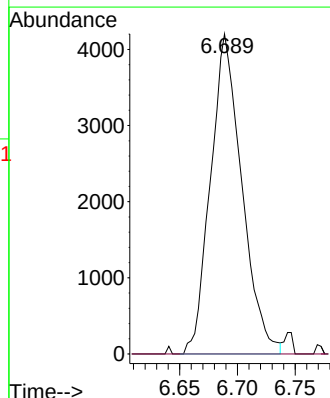
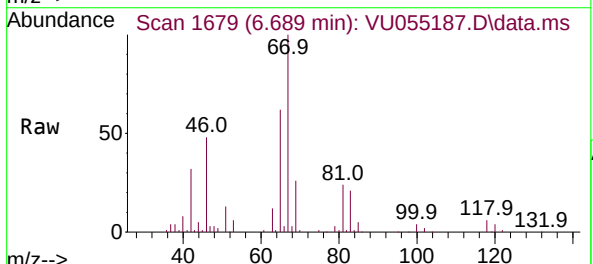
RT: 6.689 min Scan# 1679

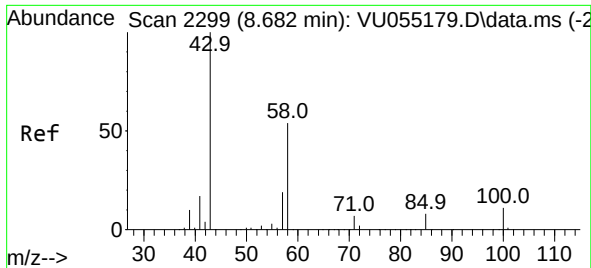
Delta R.T. -0.100 min

Lab File: VU055187.D

Acq: 07 Sep 2023 14:38

Tgt Ion:	63	Resp:	7926
Ion Ratio	Lower	Upper	
63	100		
112	0.0	3.2	4.8#

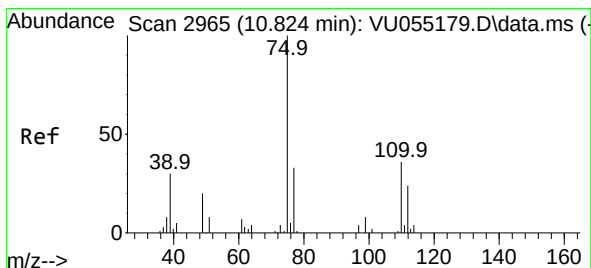
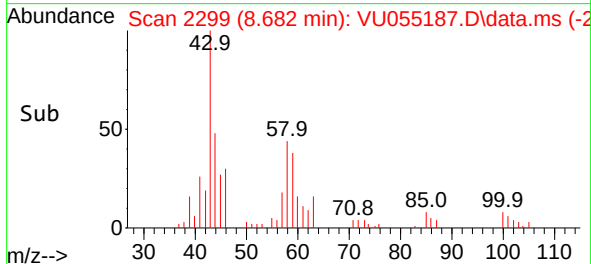
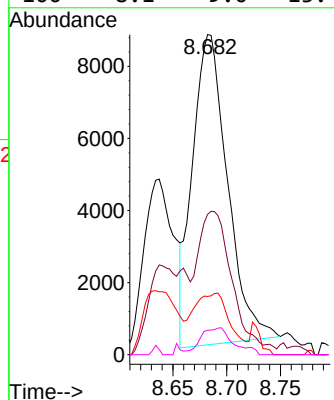
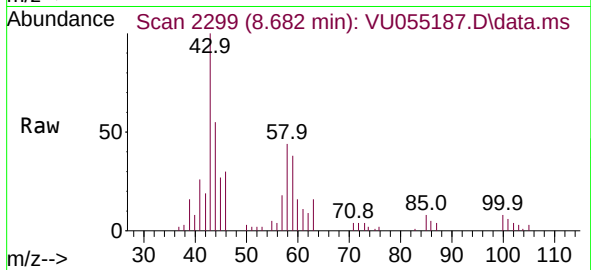




#48
2-Hexanone
Concen: 4.273 ug/L
RT: 8.682 min Scan# 2194
Delta R.T. 0.000 min
Lab File: VU055187.D
Acq: 07 Sep 2023 14:38

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:	43	Resp:	19462
Ion	Ratio	Lower	Upper
43	100		
58	46.0	44.0	66.0
57	20.9	16.2	24.2
100	8.1	9.0	13.4



#61
1,2,3-Trichloropropane
Concen: 2.280 ug/L
RT: 11.811 min Scan# 3272
Delta R.T. 0.987 min
Lab File: VU055187.D
Acq: 07 Sep 2023 14:38

Tgt Ion:	75	Resp:	12785
Ion	Ratio	Lower	Upper
75	100		
110	2.9	28.2	42.2
77	34.3	26.2	39.4

