

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
 Data File : VU059789.D
 Acq On : 03 Jul 2024 11:47
 Operator : MD/SY
 Sample : P3084-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 04 00:57:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 03 06:10:28 2024
 Response via : Initial Calibration

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

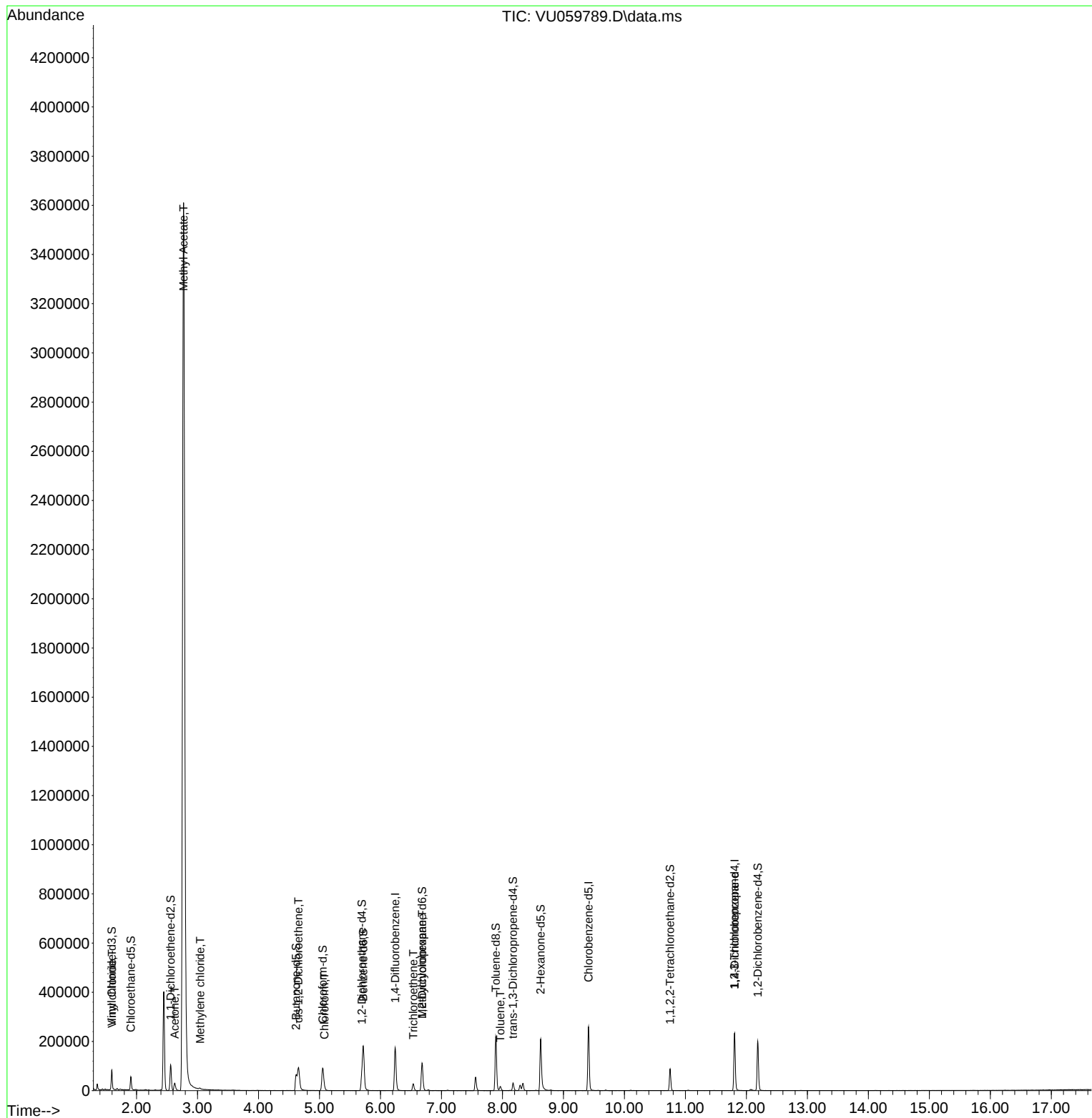
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	150470	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	157433	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	69822	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	50487	4.825	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.600%
7) Chloroethane-d5	1.907	69	41054	4.078	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.600%
11) 1,1-Dichloroethene-d2	2.560	65	19326	4.452	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.000%
20) 2-Butanone-d5	4.618	46	94762	43.969	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.940%
24) Chloroform-d	5.052	84	89725	4.178	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.600%
26) 1,2-Dichloroethane-d4	5.695	65	43271	4.183	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.600%
32) Benzene-d6	5.718	84	182380	4.209	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
36) 1,2-Dichloropropane-d6	6.682	67	57203	4.309	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.200%
41) Toluene-d8	7.891	98	155997	3.873	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.400%
43) trans-1,3-Dichloroprop...	8.174	79	19174	4.612	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.200%
46) 2-Hexanone-d5	8.627	63	74406	43.074	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.140%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	45923	4.186	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	58667	4.721	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.400%
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	4064	0.268	ug/L #	81
13) Acetone	2.624	43	36799	26.321	ug/L	92
15) Methyl Acetate	2.772	43	1160628	314.589	ug/L #	51
16) Methylene chloride	3.042	84	1911	0.151	ug/L	78
22) cis-1,2-Dichloroethene	4.656	96	48008	3.924	ug/L	96
25) Chloroform	5.081	83	7585	0.352	ug/L	94
34) Trichloroethene	6.541	95	9955	0.769	ug/L	95
35) Methylcyclohexane	6.682	83	12978	0.704	ug/L #	22
42) Toluene	7.965	91	13796	0.273	ug/L	95
61) 1,2,3-Trichloropropane	11.804	75	7335	1.137	ug/L #	67

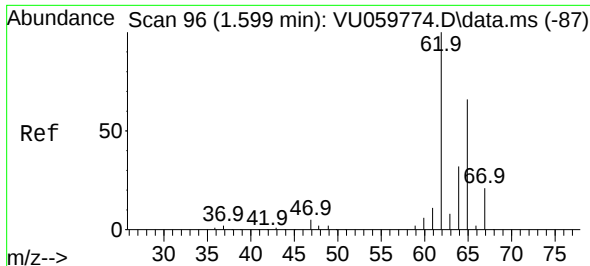
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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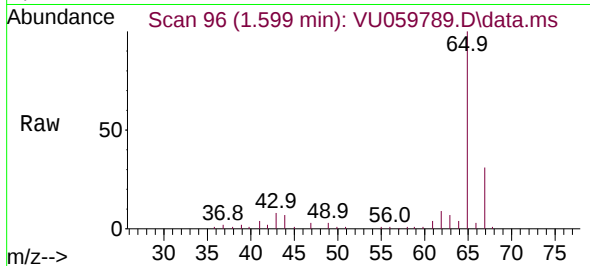
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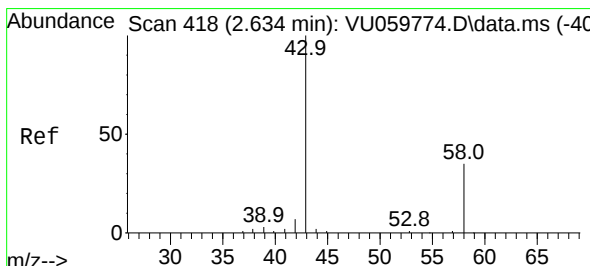
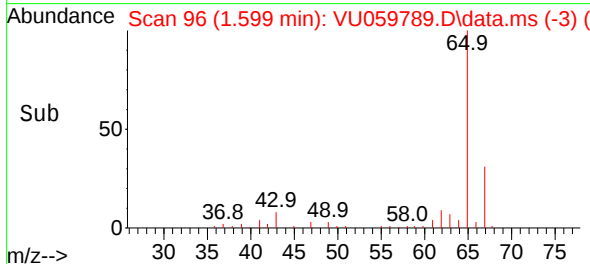
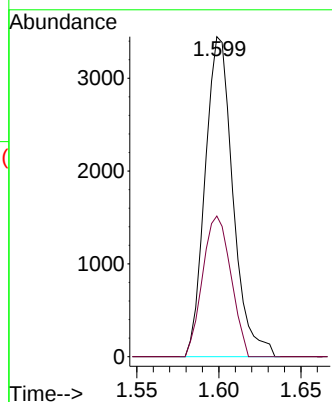


#5
Vinyl chloride
Concen: 0.268 ug/L
RT: 1.599 min Scan# 90
Delta R.T. 0.000 min
Lab File: VU059789.D
Acq: 03 Jul 2024 11:47

Instrument :
MSVOA_U
ClientSampleId :

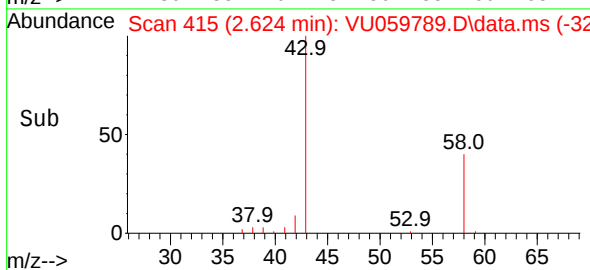
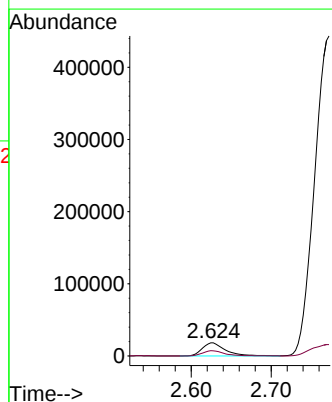
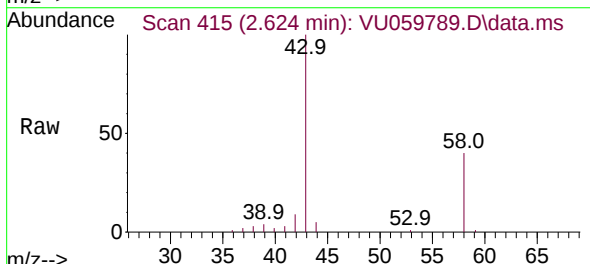


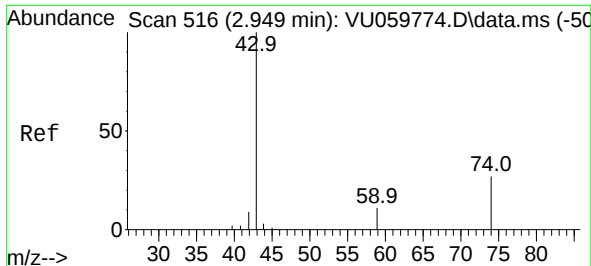
Tgt Ion: 62 Resp: 4064
Ion Ratio Lower Upper
62 100
64 43.9 23.1 42.9#



#13
Acetone
Concen: 26.321 ug/L
RT: 2.624 min Scan# 415
Delta R.T. -0.010 min
Lab File: VU059789.D
Acq: 03 Jul 2024 11:47

Tgt Ion: 43 Resp: 36799
Ion Ratio Lower Upper
43 100
58 38.5 0.0 68.0

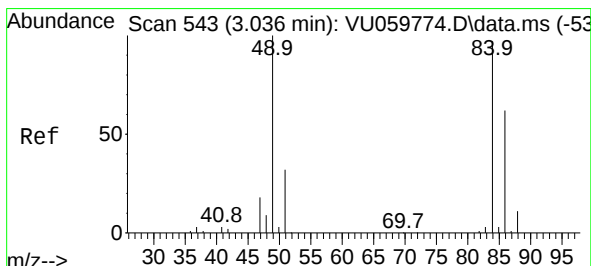
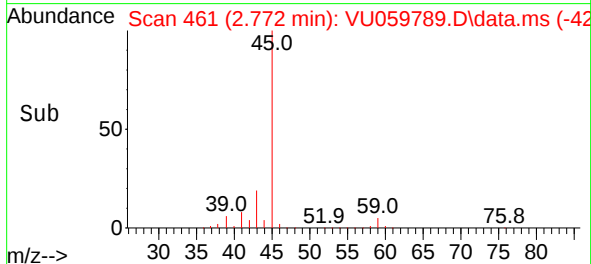
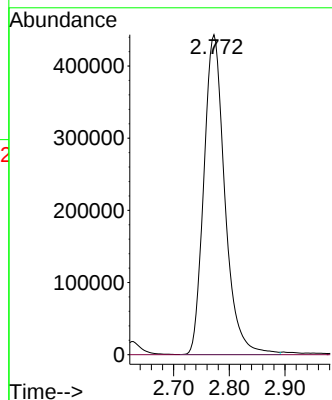
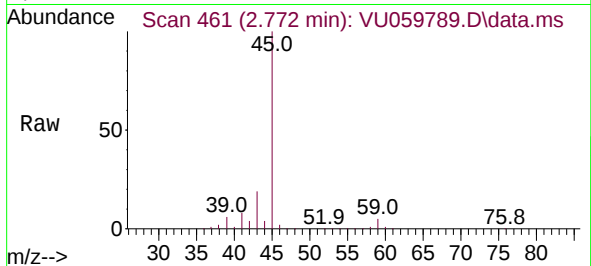




#15
Methyl Acetate
Concen: 314.589 ug/L
RT: 2.772 min Scan# 41
Delta R.T. -0.177 min
Lab File: VU059789.D
Acq: 03 Jul 2024 11:47

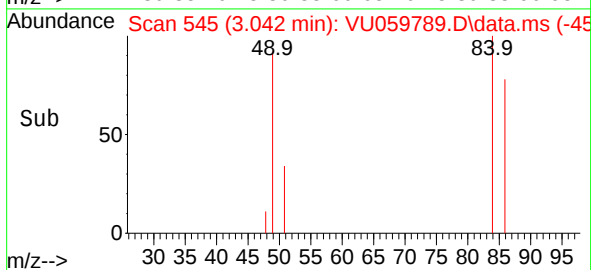
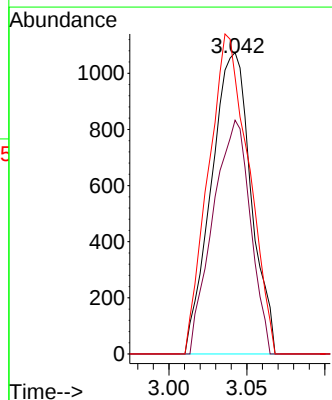
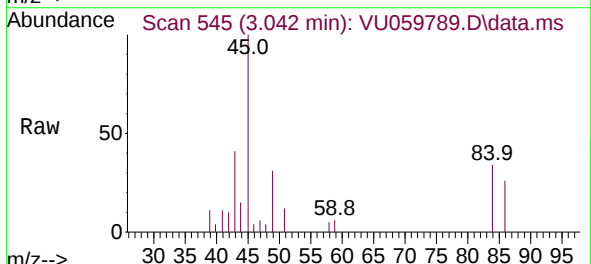
Instrument :
MSVOA_U
ClientSampleId :

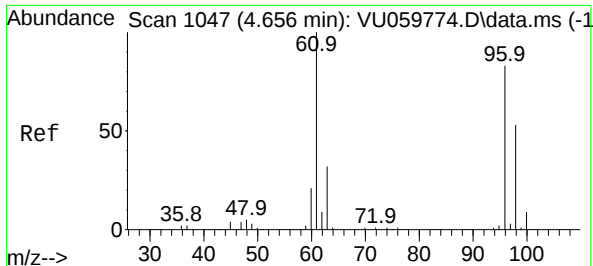
Tgt Ion: 43 Resp: 1160628
Ion Ratio Lower Upper
43 100
74 0.0 19.2 28.8#



#16
Methylene chloride
Concen: 0.151 ug/L
RT: 3.042 min Scan# 545
Delta R.T. 0.006 min
Lab File: VU059789.D
Acq: 03 Jul 2024 11:47

Tgt Ion: 84 Resp: 1911
Ion Ratio Lower Upper
84 100
86 77.6 42.1 78.1
49 91.8 80.6 149.8

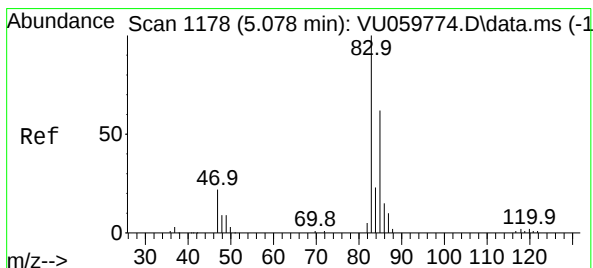
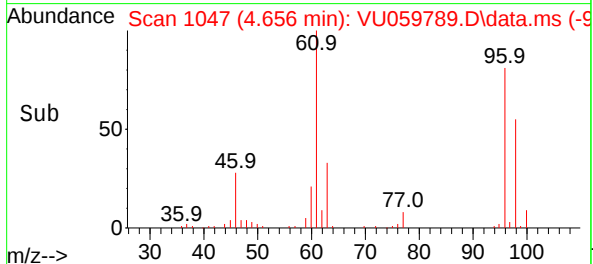
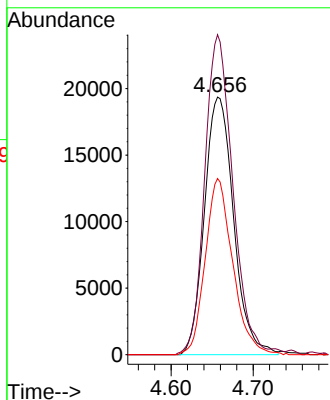
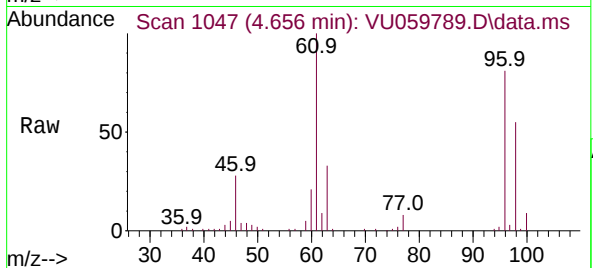




#22
 cis-1,2-Dichloroethene
 Concen: 3.924 ug/L
 RT: 4.656 min Scan# 1179
 Delta R.T. 0.000 min
 Lab File: VU059789.D
 Acq: 03 Jul 2024 11:47

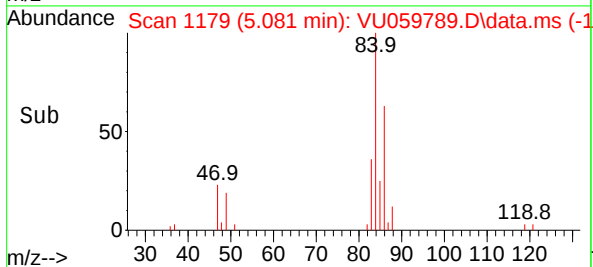
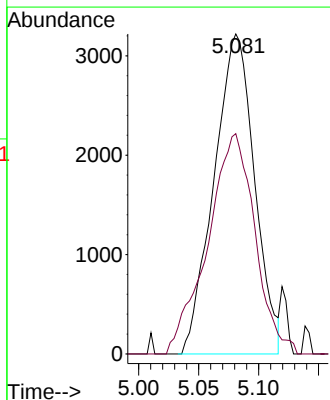
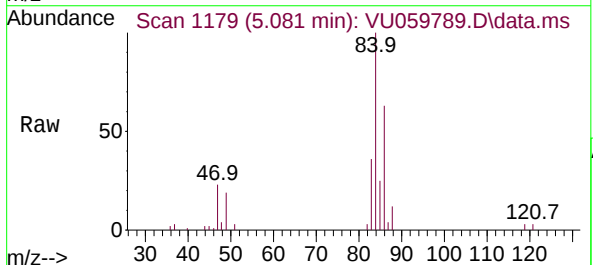
Instrument :
 MSVOA_U
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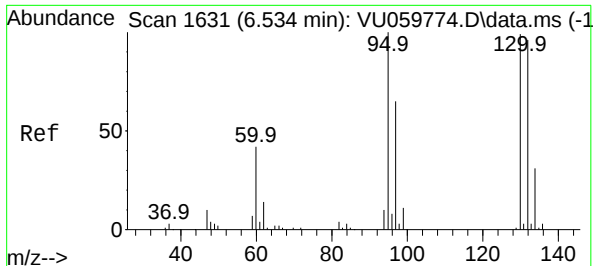
Tgt Ion: 96 Resp: 48008
 Ion Ratio Lower Upper
 96 100
 61 124.2 87.4 162.2
 98 68.4 42.3 78.5



#25
 Chloroform
 Concen: 0.352 ug/L
 RT: 5.081 min Scan# 1179
 Delta R.T. 0.003 min
 Lab File: VU059789.D
 Acq: 03 Jul 2024 11:47

Tgt Ion: 83 Resp: 7585
 Ion Ratio Lower Upper
 83 100
 85 68.9 44.7 83.1

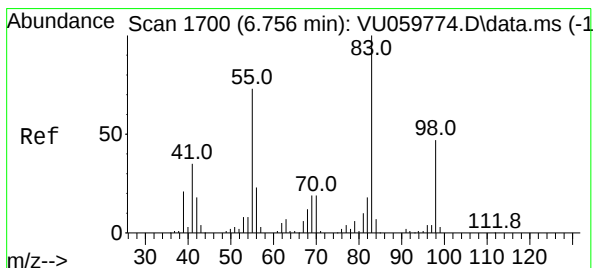
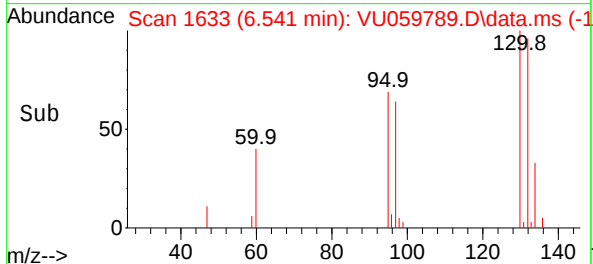
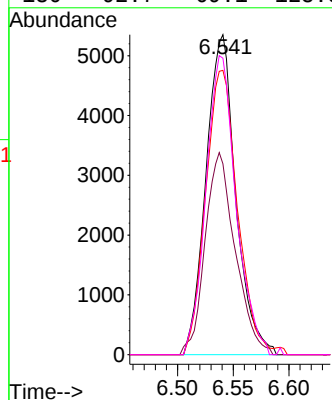
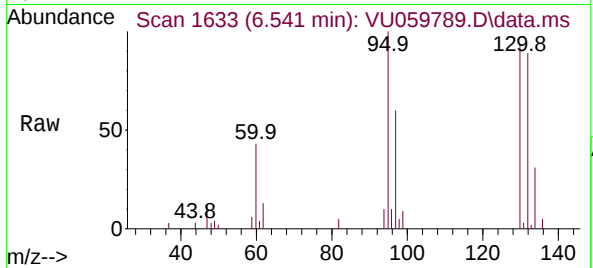




#34
Trichloroethene
Concen: 0.769 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.006 min
Lab File: VU059789.D
Acq: 03 Jul 2024 11:47

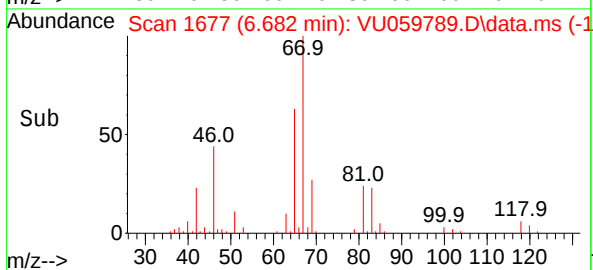
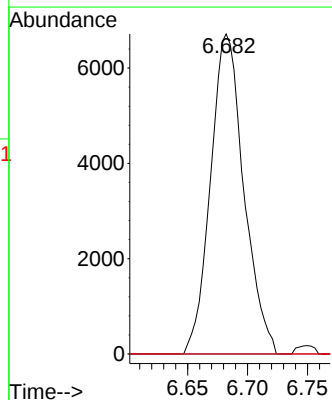
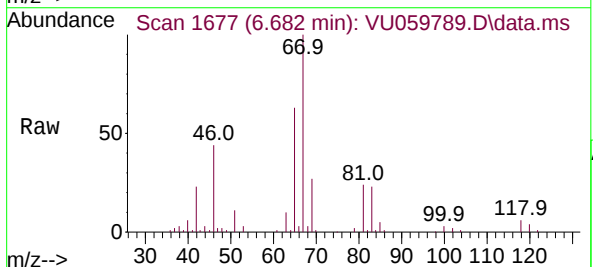
Instrument :
MSVOA_U
ClientSampleId :

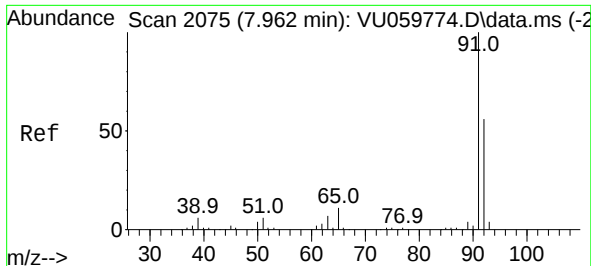
Tgt Ion: 95	Resp: 9955
Ion Ratio	Lower Upper
95 100	
97 59.6	45.3 84.1
132 88.9	64.0 119.0
130 92.7	69.1 128.3



#35
Methylcyclohexane
Concen: 0.704 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU059789.D
Acq: 03 Jul 2024 11:47

Tgt Ion: 83	Resp: 12978
Ion Ratio	Lower Upper
83 100	
55 0.0	62.7 94.1#
98 6.9	35.4 53.0#





#42

Toluene

Concen: 0.273 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU059789.D

Acq: 03 Jul 2024 11:47

Instrument :

MSVOA_U

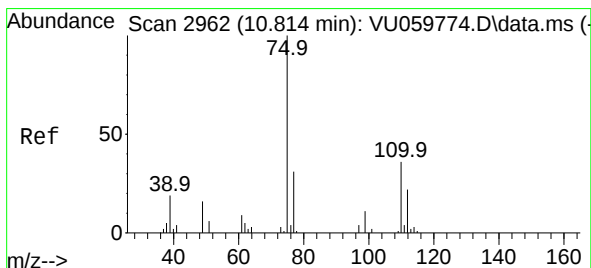
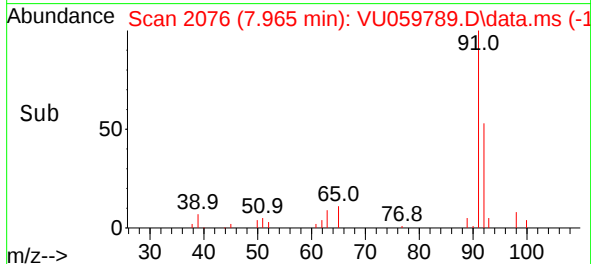
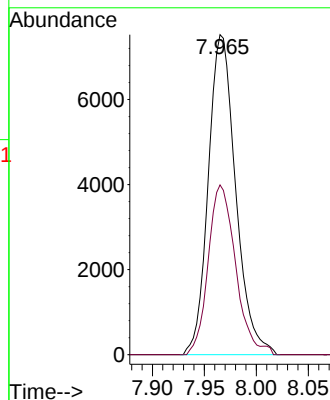
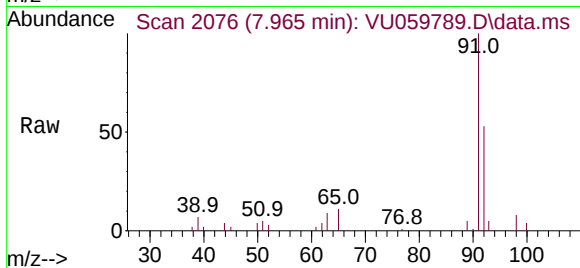
ClientSampleId :

Tgt Ion: 91 Resp: 13796

Ion Ratio Lower Upper

91 100

92 53.0 39.7 73.7



#61

1,2,3-Trichloropropane

Concen: 1.137 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.990 min

Lab File: VU059789.D

Acq: 03 Jul 2024 11:47

Tgt Ion: 75 Resp: 7335

Ion Ratio Lower Upper

75 100

110 0.6 27.1 40.7#

77 35.6 25.4 38.2

