

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
 Data File : VU059788.D
 Acq On : 03 Jul 2024 11:25
 Operator : MD/SY
 Sample : P3084-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 04 00:57:22 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)

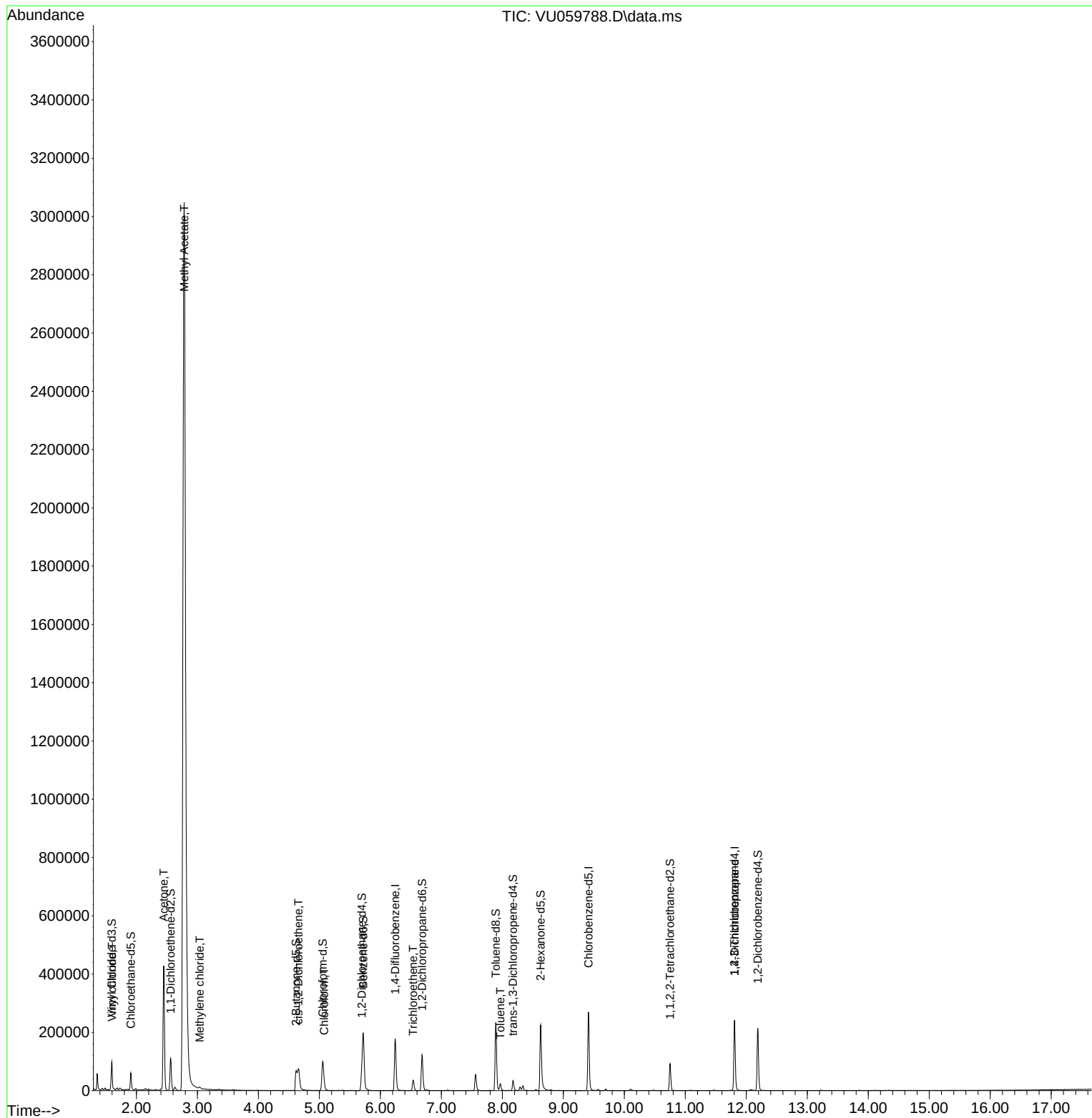
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	153978	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	161973	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	71353	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	53365	4.984	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.600%
7) Chloroethane-d5	1.908	69	44216	4.292	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.800%
11) 1,1-Dichloroethene-d2	2.560	65	20172	4.541	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.800%
20) 2-Butanone-d5	4.618	46	97426	44.175	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.340%
24) Chloroform-d	5.052	84	95318	4.337	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
26) 1,2-Dichloroethane-d4	5.695	65	47053	4.445	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
32) Benzene-d6	5.718	84	194935	4.373	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
36) 1,2-Dichloropropane-d6	6.682	67	61144	4.476	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.600%
41) Toluene-d8	7.891	98	167598	4.044	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.800%
43) trans-1,3-Dichloroprop...	8.174	79	21477	5.021	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.400%
46) 2-Hexanone-d5	8.627	63	81794	46.023	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.040%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	48984	4.340	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	60733	4.782	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.600%
Target Compounds						
5) Vinyl chloride	1.599	62	5083	0.328	ug/L #	74
13) Acetone	2.448	43	264412	184.819	ug/L	44
15) Methyl Acetate	2.782	43	1184411	313.721	ug/L #	51
16) Methylene chloride	3.036	84	2599	0.201	ug/L	94
22) cis-1,2-Dichloroethene	4.657	96	37372	2.985	ug/L	94
25) Chloroform	5.078	83	9858	0.447	ug/L	93
34) Trichloroethene	6.538	95	12890	0.968	ug/L	97
42) Toluene	7.965	91	17746	0.341	ug/L	94
61) 1,2,3-Trichloropropane	11.804	75	8167	1.239	ug/L #	71

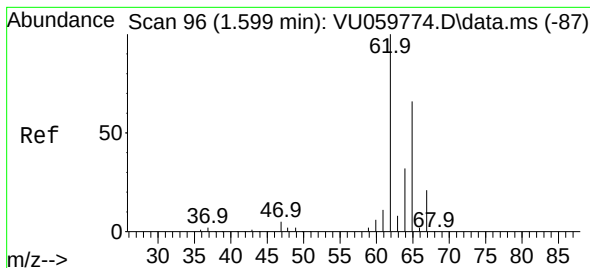
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.328 ug/L

RT: 1.599 min Scan# 90

Delta R.T. 0.000 min

Lab File: VU059788.D

Acq: 03 Jul 2024 11:25

Instrument :

MSVOA_U

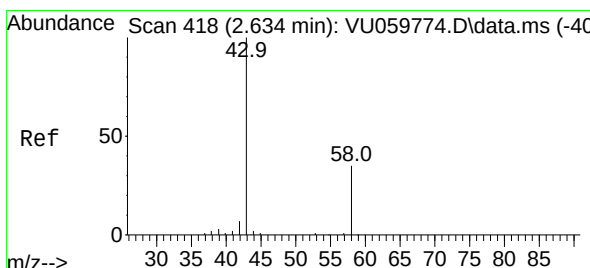
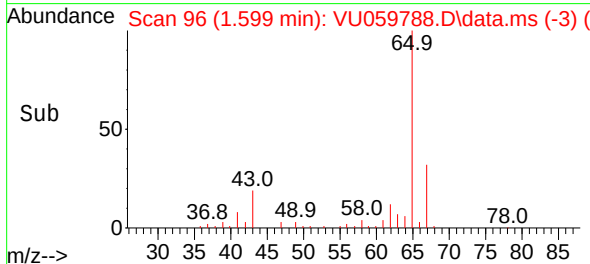
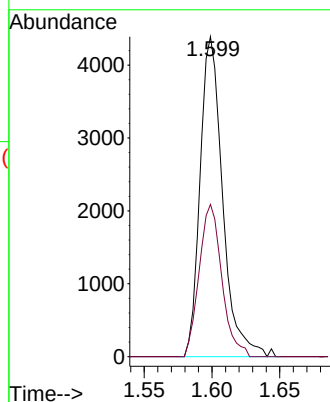
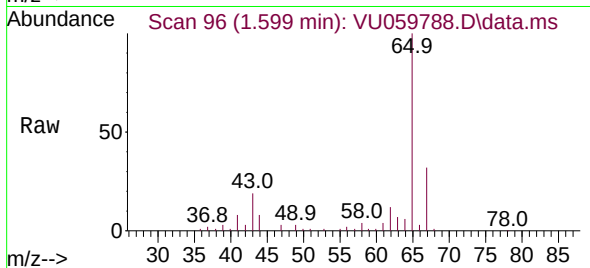
ClientSampleId :

Tgt Ion: 62 Resp: 5083

Ion Ratio Lower Upper

62 100

64 47.6 23.1 42.9#



#13

Acetone

Concen: 184.819 ug/L

RT: 2.448 min Scan# 360

Delta R.T. -0.186 min

Lab File: VU059788.D

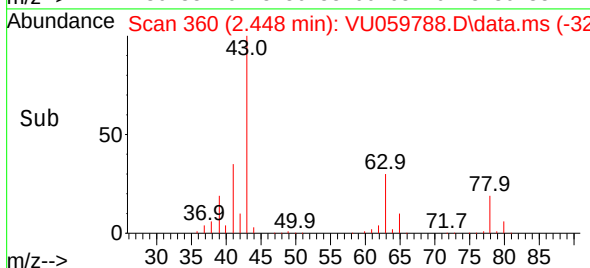
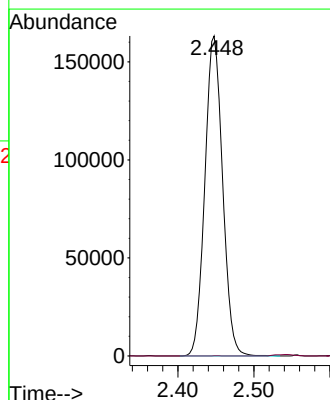
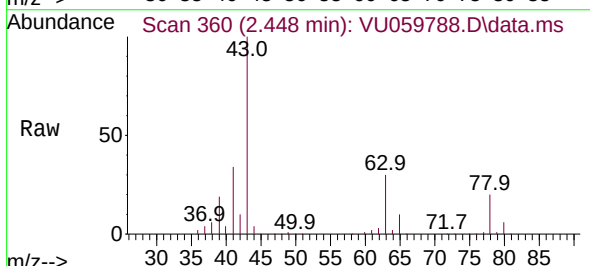
Acq: 03 Jul 2024 11:25

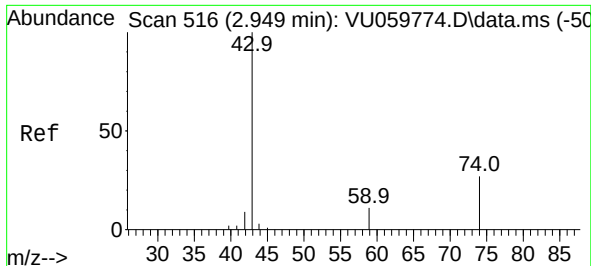
Tgt Ion: 43 Resp: 264412

Ion Ratio Lower Upper

43 100

58 1.9 0.0 68.0

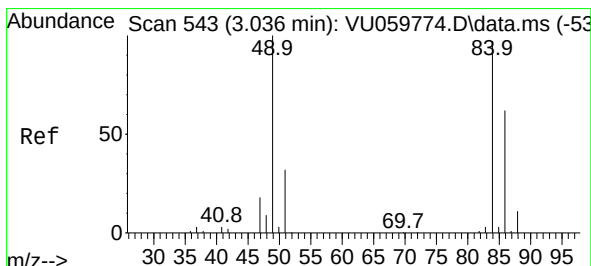
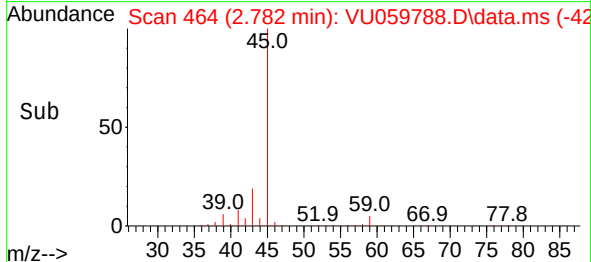
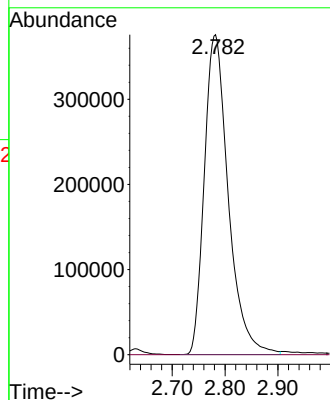
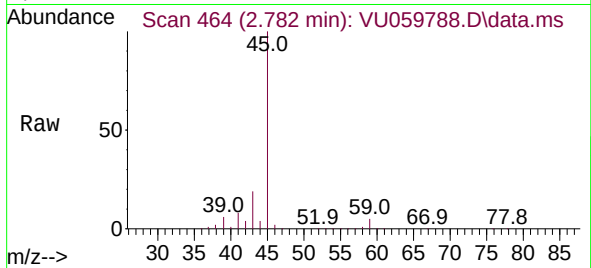




#15
Methyl Acetate
Concen: 313.721 ug/L
RT: 2.782 min Scan# 41
Delta R.T. -0.167 min
Lab File: VU059788.D
Acq: 03 Jul 2024 11:25

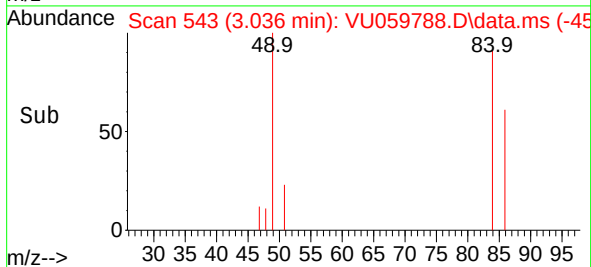
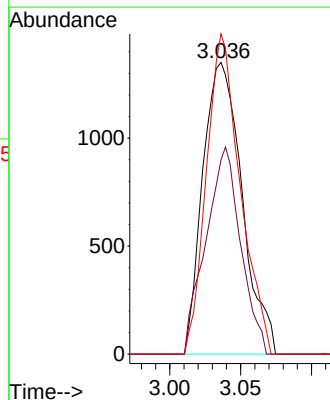
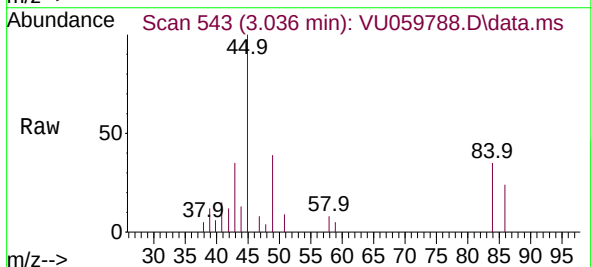
Instrument :
MSVOA_U
ClientSampleId :

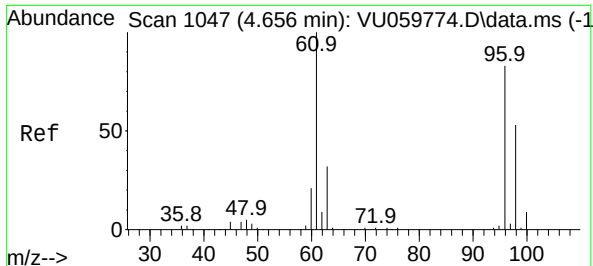
Tgt Ion: 43 Resp: 1184411
Ion Ratio Lower Upper
43 100
74 0.0 19.2 28.8#



#16
Methylene chloride
Concen: 0.201 ug/L
RT: 3.036 min Scan# 543
Delta R.T. 0.000 min
Lab File: VU059788.D
Acq: 03 Jul 2024 11:25

Tgt Ion: 84 Resp: 2599
Ion Ratio Lower Upper
84 100
86 66.6 42.1 78.1
49 109.8 80.6 149.8

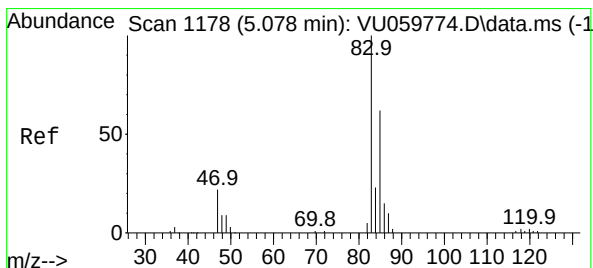
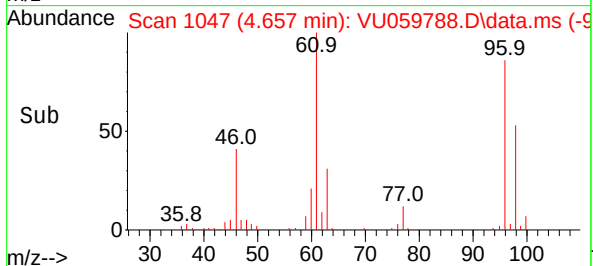
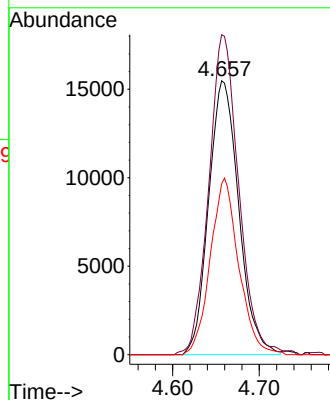
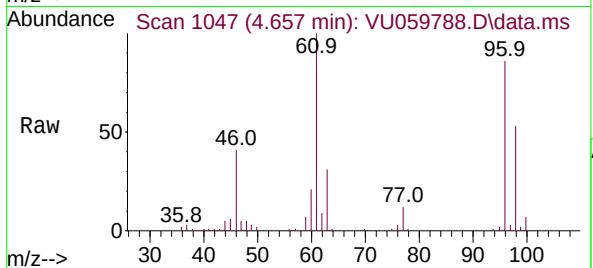




#22
cis-1,2-Dichloroethene
Concen: 2.985 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. 0.000 min
Lab File: VU059788.D
Acq: 03 Jul 2024 11:25

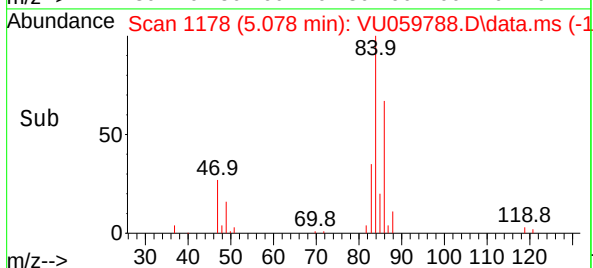
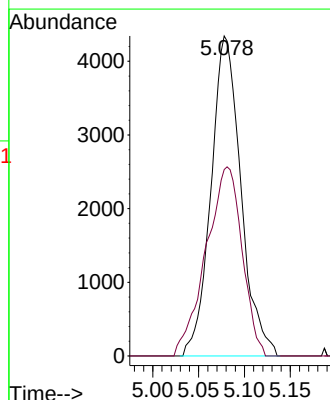
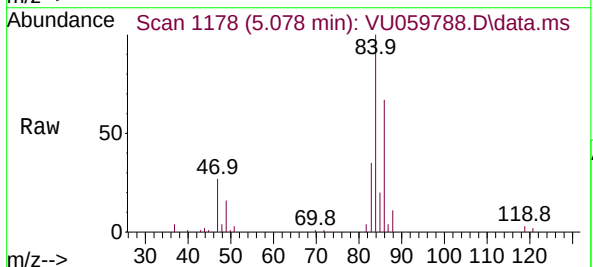
Instrument :
MSVOA_U
ClientSampleId :

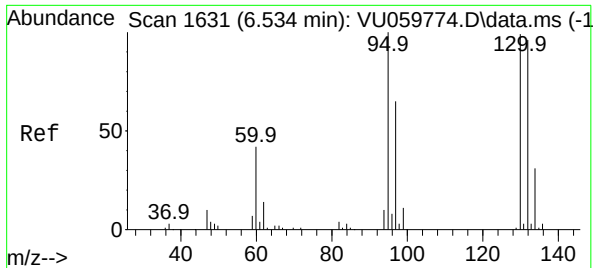
Tgt Ion: 96 Resp: 37372
Ion Ratio Lower Upper
96 100
61 116.8 87.4 162.2
98 62.4 42.3 78.5



#25
Chloroform
Concen: 0.447 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VU059788.D
Acq: 03 Jul 2024 11:25

Tgt Ion: 83 Resp: 9858
Ion Ratio Lower Upper
83 100
85 58.2 44.7 83.1

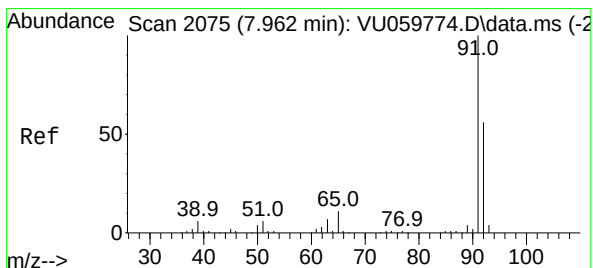
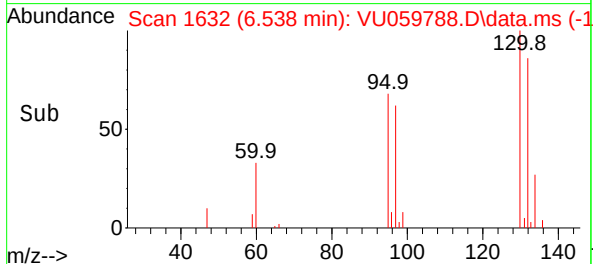
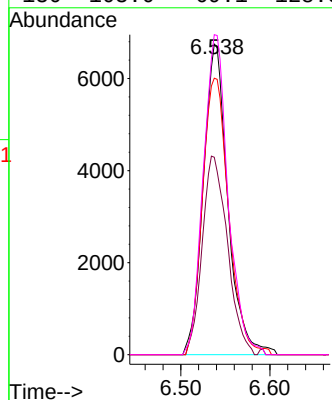
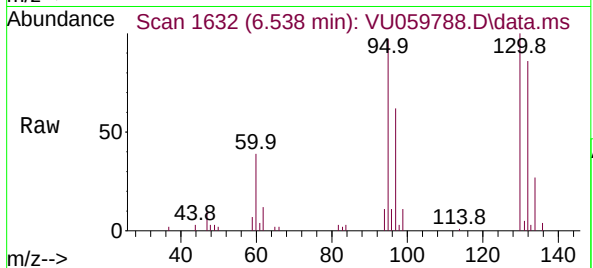




#34
 Trichloroethene
 Concen: 0.968 ug/L
 RT: 6.538 min Scan# 1
 Delta R.T. 0.003 min
 Lab File: VU059788.D
 Acq: 03 Jul 2024 11:25

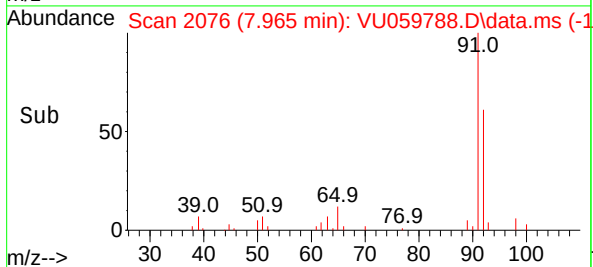
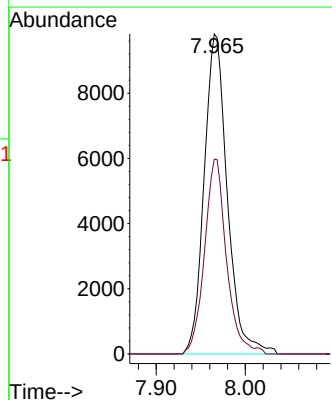
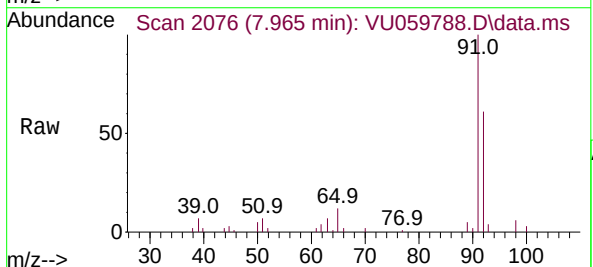
Instrument :
 MSVOA_U
 ClientSampleId :

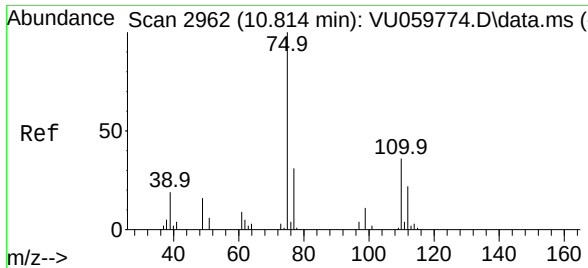
Tgt Ion:	95	Resp:	12890
Ion	Ratio	Lower	Upper
95	100		
97	63.5	45.3	84.1
132	89.0	64.0	119.0
130	103.0	69.1	128.3



#42
 Toluene
 Concen: 0.341 ug/L
 RT: 7.965 min Scan# 2076
 Delta R.T. 0.003 min
 Lab File: VU059788.D
 Acq: 03 Jul 2024 11:25

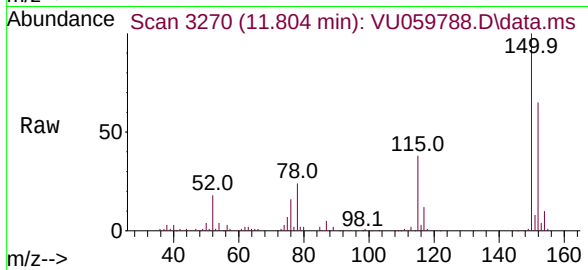
Tgt Ion:	91	Resp:	17746
Ion	Ratio	Lower	Upper
91	100		
92	60.9	39.7	73.7





#61
1,2,3-Trichloropropane
Concen: 1.239 ug/L
RT: 11.804 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU059788.D
Acq: 03 Jul 2024 11:25

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
110	2.3	27.1	40.7#
77	32.1	25.4	38.2

