

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011625\
 Data File : VU062819.D
 Acq On : 16 Jan 2025 14:59
 Operator : MD/SY
 Sample : Q1057-15
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 16 22:06:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 16 22:02:47 2025
 Response via : Initial Calibration

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

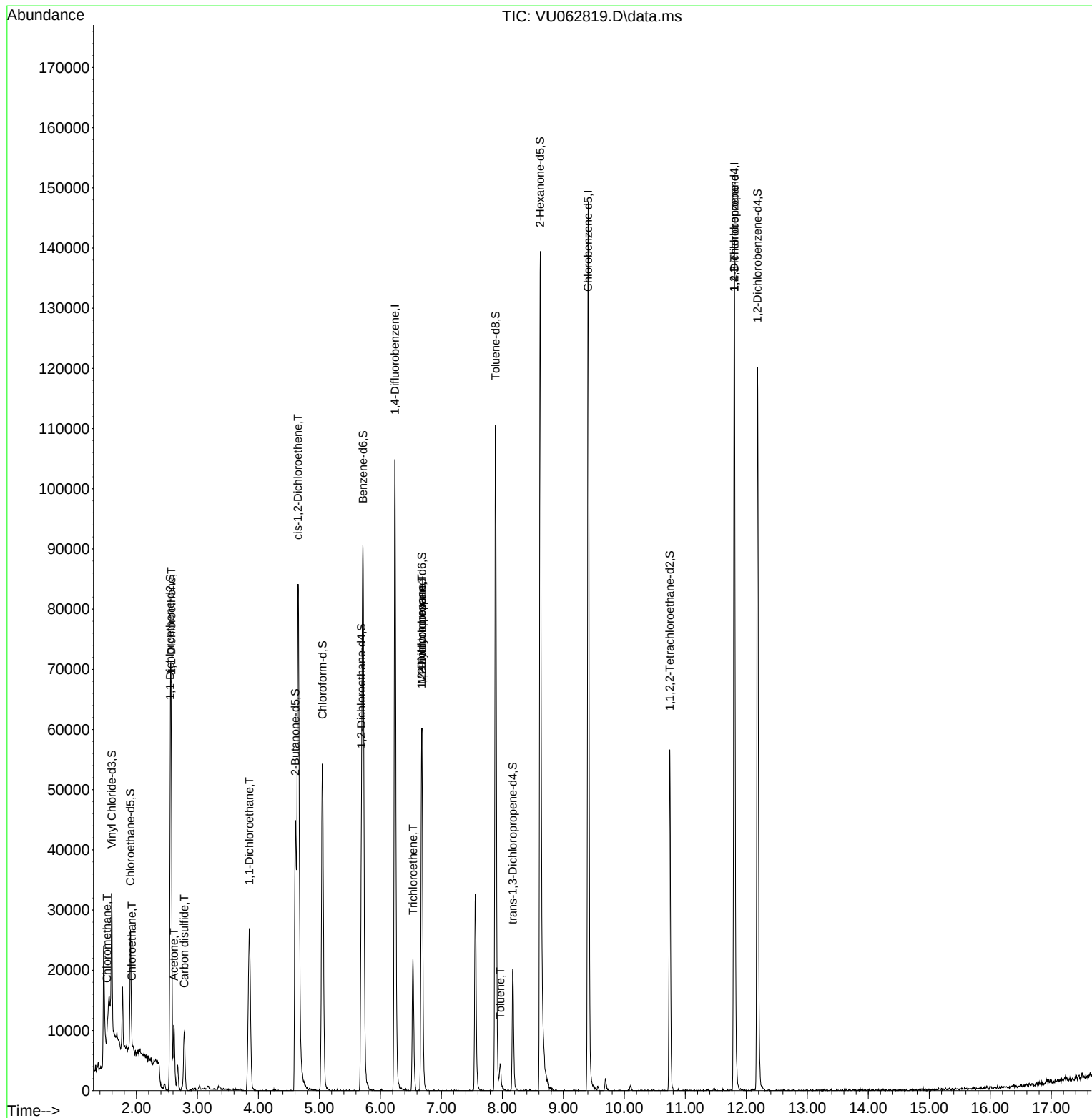
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	87506	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.406	117	82245	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	40136	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	13712	2.829	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	56.600%
7) Chloroethane-d5	1.901	69	14381	3.689	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.800%
11) 1,1-Dichloroethene-d2	2.554	65	7841	3.123	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.400%
20) 2-Butanone-d5	4.605	46	61034	61.618	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.240%
24) Chloroform-d	5.049	84	54967	4.610	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
26) 1,2-Dichloroethane-d4	5.689	65	33535	5.185	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.800%
32) Benzene-d6	5.714	84	85655	4.261	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.200%
36) 1,2-Dichloropropane-d6	6.679	67	26126	4.687	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.888	98	76722	3.917	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.400%
43) trans-1,3-Dichloroprop...	8.171	79	12774	4.597	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.000%
46) 2-Hexanone-d5	8.618	63	48865	55.917	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.840%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	26035	5.577	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.600%
66) 1,2-Dichlorobenzene-d4	12.184	152	34541	5.173	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	710	0.127	ug/L #	81
8) Chloroethane	1.920	64	957	0.253	ug/L #	59
12) 1,1-Dichloroethene	2.570	96	14845	2.733	ug/L	93
13) Acetone	2.615	43	12341	15.728	ug/L	100
14) Carbon disulfide	2.782	76	13526	0.780	ug/L	99
19) 1,1-Dichloroethane	3.853	63	24229	2.328	ug/L	95
22) cis-1,2-Dichloroethene	4.650	96	45857	7.236	ug/L	99
34) Trichloroethene	6.534	95	7809	0.967	ug/L	96
35) Methylcyclohexane	6.679	83	7301	0.735	ug/L #	21
37) 1,2-Dichloropropane	6.676	63	3672	0.659	ug/L #	85
42) Toluene	7.965	91	3438	0.133	ug/L	98
61) 1,2,3-Trichloropropane	11.804	75	4027	1.131	ug/L #	61

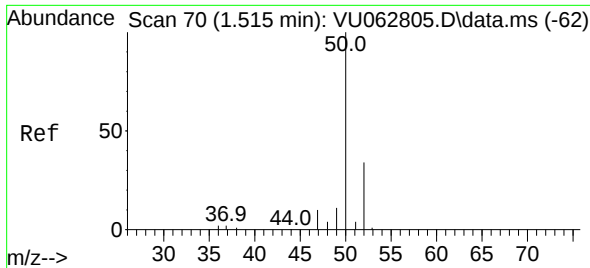
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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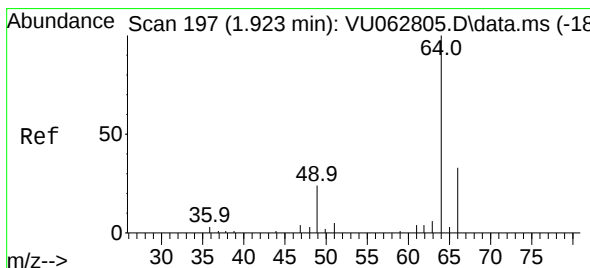
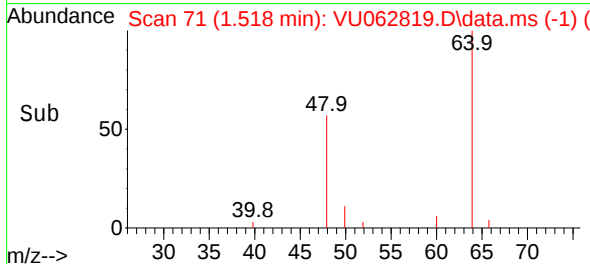
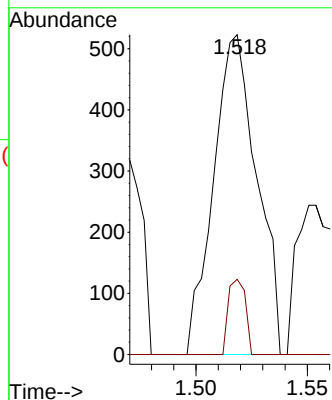
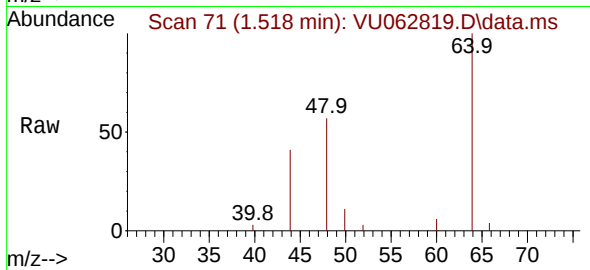




#3
Chloromethane
Concen: 0.127 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU062819.D
Acq: 16 Jan 2025 14:59

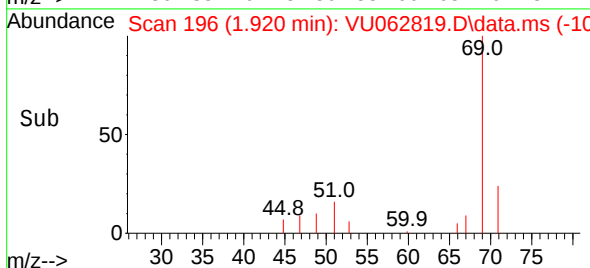
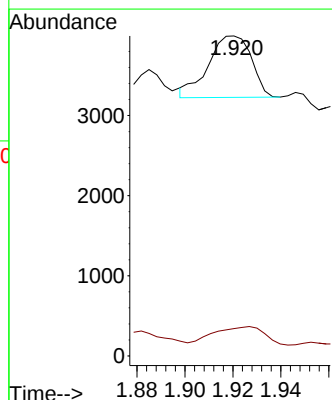
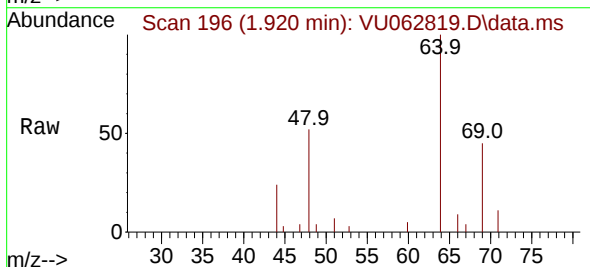
Instrument :
MSVOA_U
ClientSampleId :

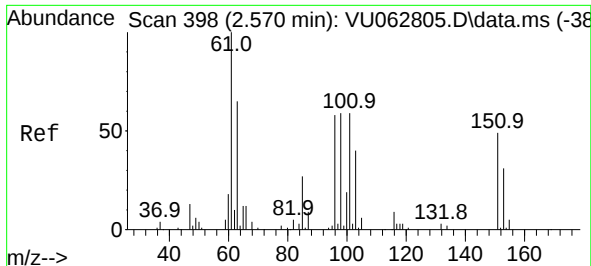
Tgt Ion: 50 Resp: 710
Ion Ratio Lower Upper
50 100
52 23.5 24.1 44.7#



#8
Chloroethane
Concen: 0.253 ug/L
RT: 1.920 min Scan# 196
Delta R.T. -0.003 min
Lab File: VU062819.D
Acq: 16 Jan 2025 14:59

Tgt Ion: 64 Resp: 957
Ion Ratio Lower Upper
64 100
66 8.5 21.6 40.2#

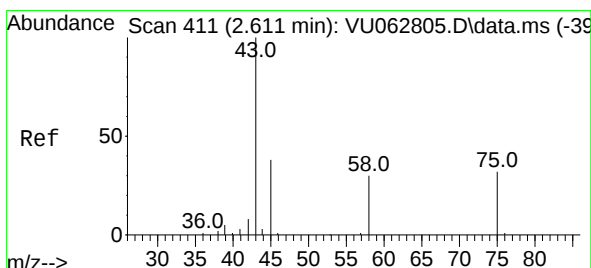
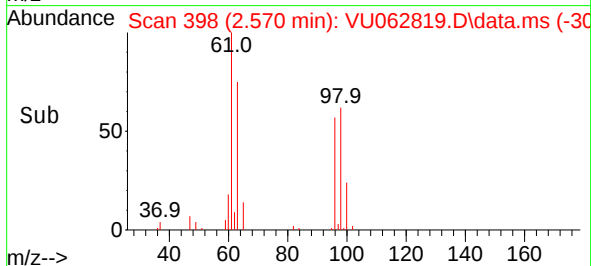
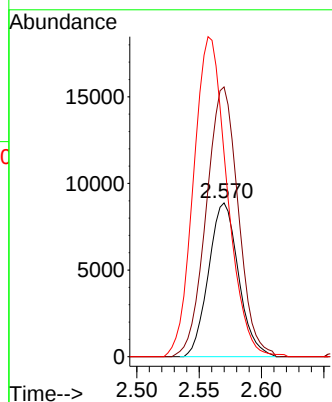
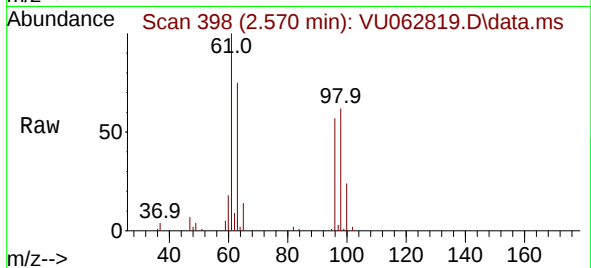




#12
1,1-Dichloroethene
Concen: 2.733 ug/L
RT: 2.570 min Scan# 398
Delta R.T. 0.000 min
Lab File: VU062819.D
Acq: 16 Jan 2025 14:59

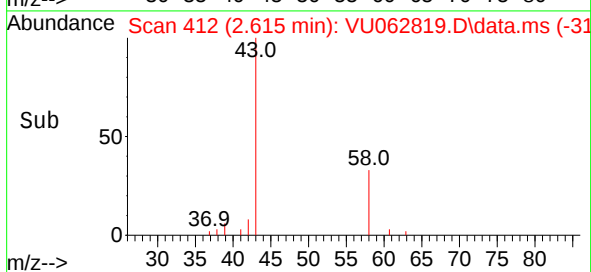
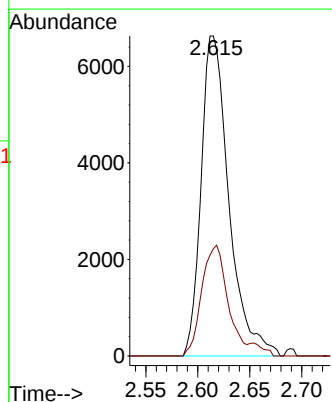
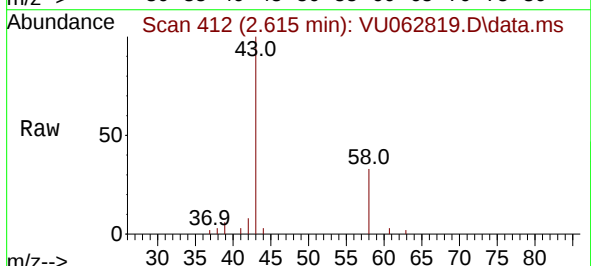
Instrument :
MSVOA_U
ClientSampleId :

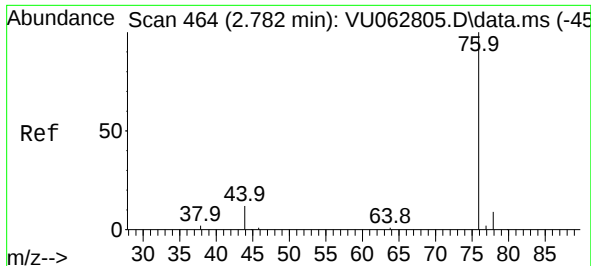
Tgt Ion: 96 Resp: 14845
Ion Ratio Lower Upper
96 100
61 175.5 120.4 223.6
63 132.3 82.3 152.9



#13
Acetone
Concen: 15.728 ug/L
RT: 2.615 min Scan# 412
Delta R.T. 0.004 min
Lab File: VU062819.D
Acq: 16 Jan 2025 14:59

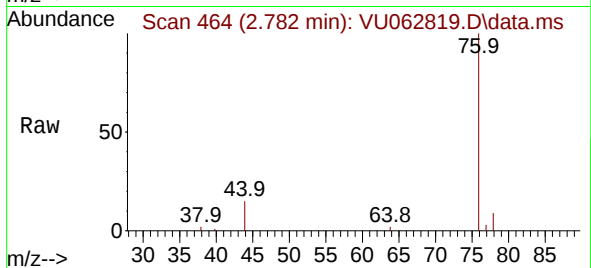
Tgt Ion: 43 Resp: 12341
Ion Ratio Lower Upper
43 100
58 32.3 0.0 64.4



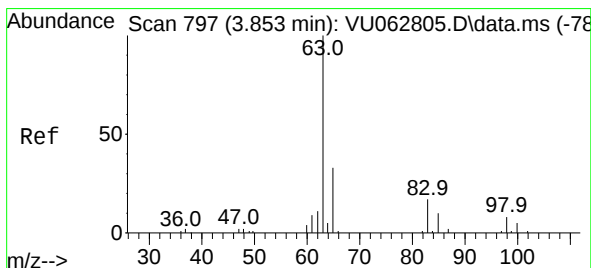
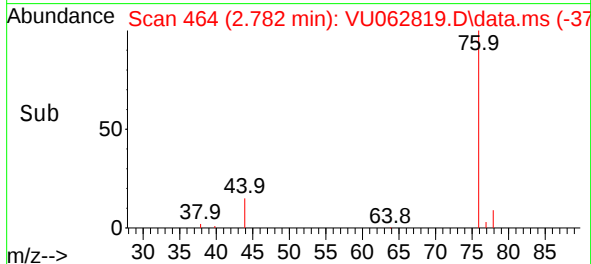
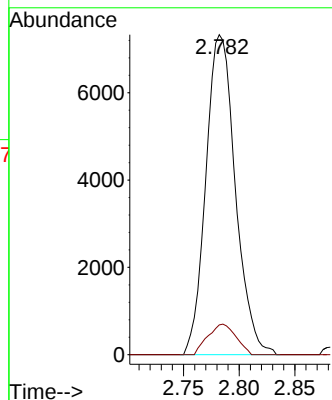


#14
Carbon disulfide
Concen: 0.780 ug/L
RT: 2.782 min Scan# 464
Delta R.T. 0.000 min
Lab File: VU062819.D
Acq: 16 Jan 2025 14:59

Instrument :
MSVOA_U
ClientSampleId :

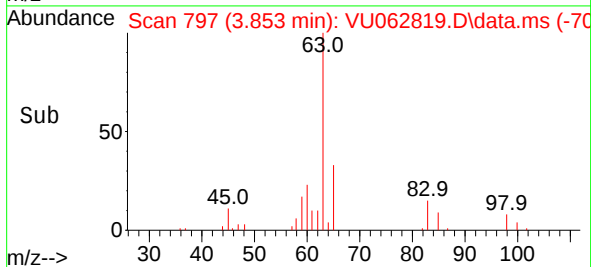
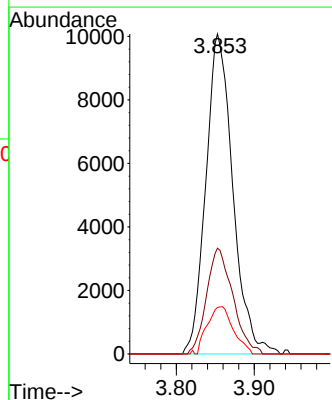
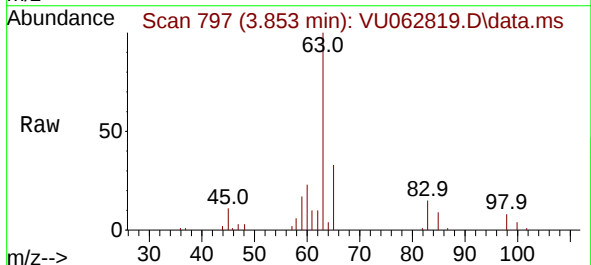


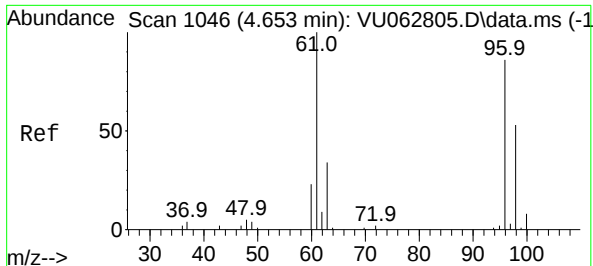
Tgt Ion: 76 Resp: 13526
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6



#19
1,1-Dichloroethane
Concen: 2.328 ug/L
RT: 3.853 min Scan# 797
Delta R.T. 0.000 min
Lab File: VU062819.D
Acq: 16 Jan 2025 14:59

Tgt Ion: 63 Resp: 24229
Ion Ratio Lower Upper
63 100
65 33.1 20.7 38.5
83 14.6 10.5 19.5

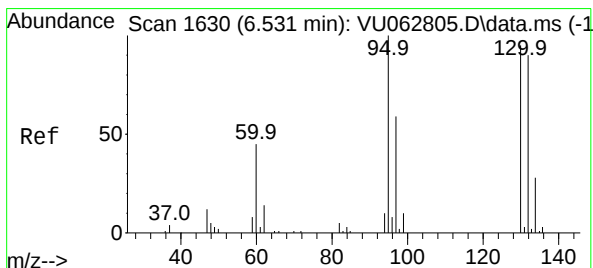
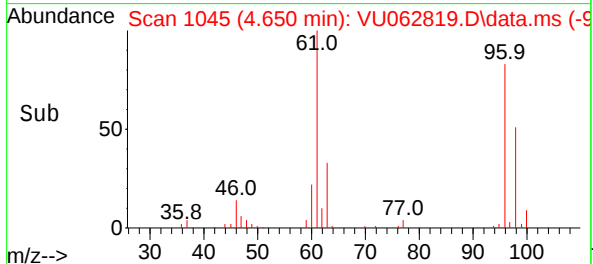
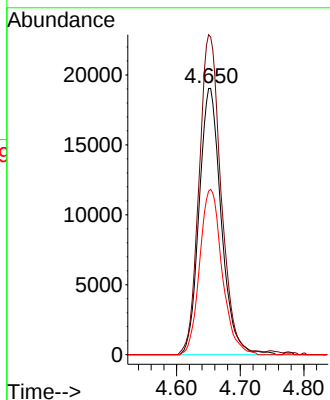
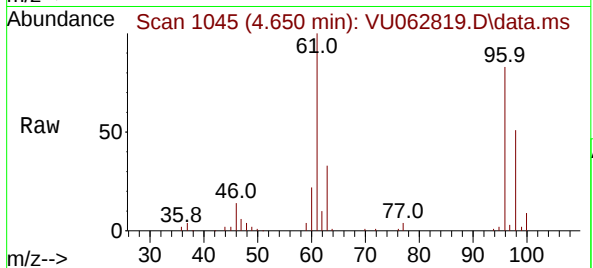




#22
 cis-1,2-Dichloroethene
 Concen: 7.236 ug/L
 RT: 4.650 min Scan# 1045
 Delta R.T. -0.003 min
 Lab File: VU062819.D
 Acq: 16 Jan 2025 14:59

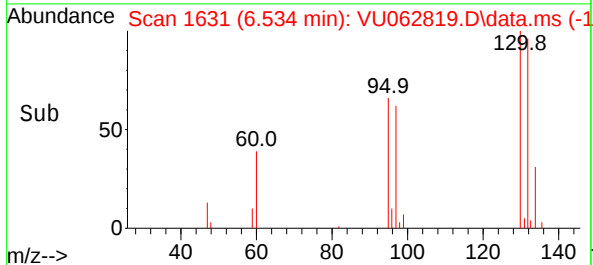
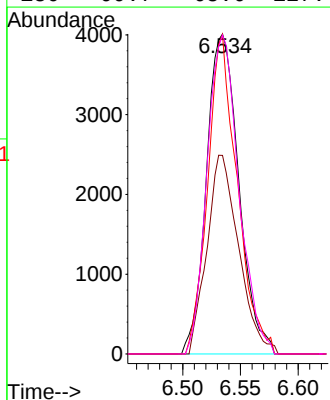
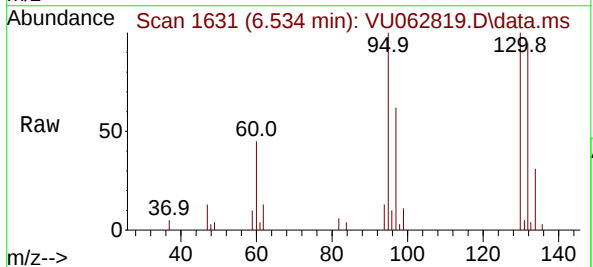
Instrument :
 MSVOA_U
 ClientSampleId :

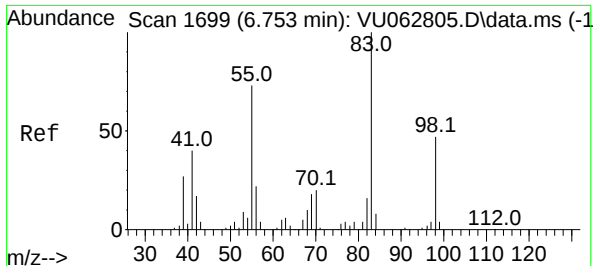
Tgt Ion: 96 Resp: 45857
 Ion Ratio Lower Upper
 96 100
 61 120.2 84.8 157.6
 98 61.4 43.1 80.1



#34
 Trichloroethene
 Concen: 0.967 ug/L
 RT: 6.534 min Scan# 1631
 Delta R.T. 0.003 min
 Lab File: VU062819.D
 Acq: 16 Jan 2025 14:59

Tgt Ion: 95 Resp: 7809
 Ion Ratio Lower Upper
 95 100
 97 62.1 47.5 88.3
 132 99.9 66.9 124.3
 130 99.7 68.6 127.4





#35

Methylcyclohexane

Concen: 0.735 ug/L

RT: 6.679 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU062819.D

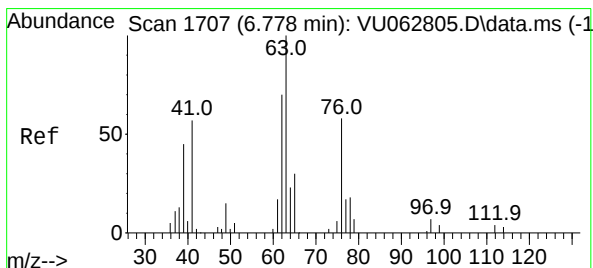
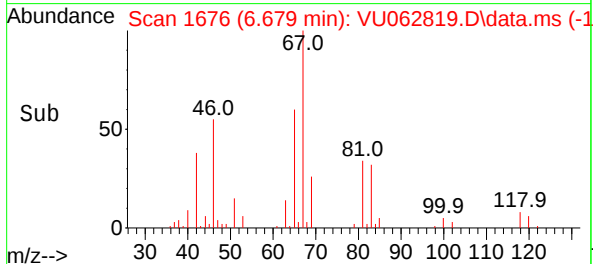
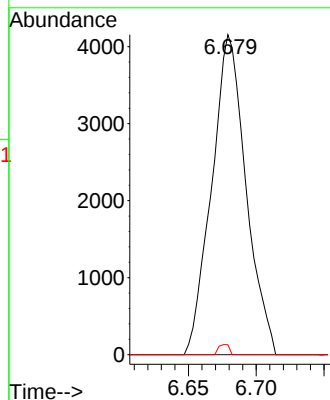
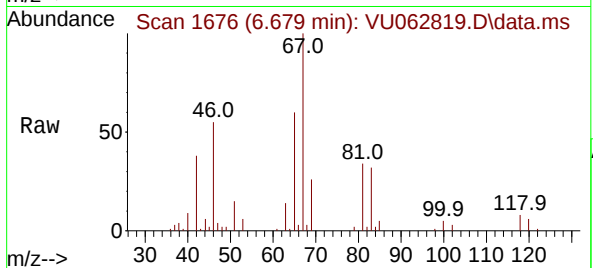
Acq: 16 Jan 2025 14:59

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	7301
Ion Ratio	Lower	Upper	
83	100		
55	0.0	57.2	85.8#
98	1.0	36.6	55.0#



#37

1,2-Dichloropropane

Concen: 0.659 ug/L

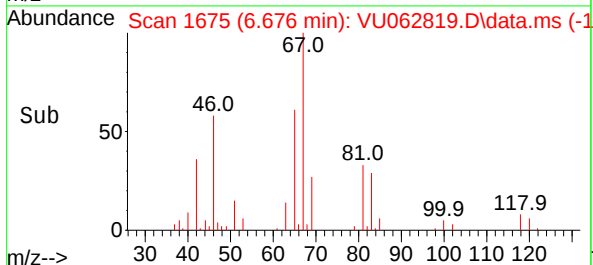
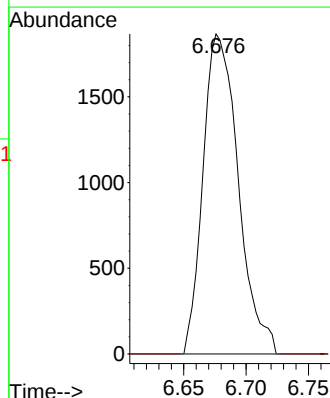
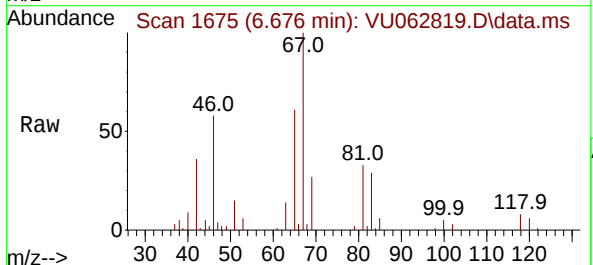
RT: 6.676 min Scan# 1675

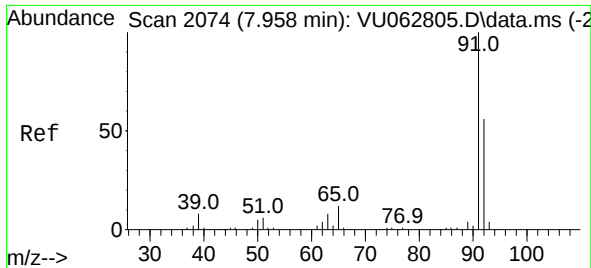
Delta R.T. -0.103 min

Lab File: VU062819.D

Acq: 16 Jan 2025 14:59

Tgt Ion:	63	Resp:	3672
Ion Ratio	Lower	Upper	
63	100		
112	0.0	3.8	5.8#





#42

Toluene

Concen: 0.133 ug/L

RT: 7.965 min Scan# 20

Delta R.T. 0.007 min

Lab File: VU062819.D

Acq: 16 Jan 2025 14:59

Instrument :

MSVOA_U

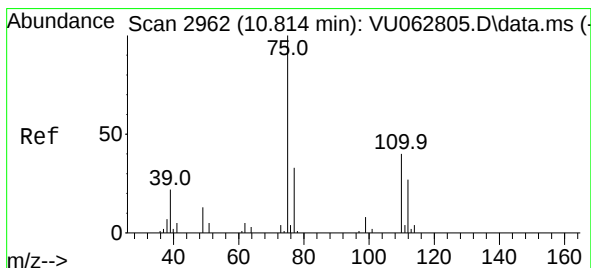
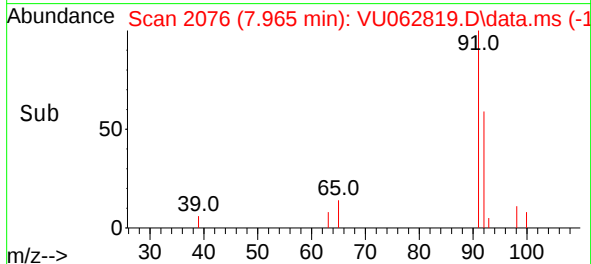
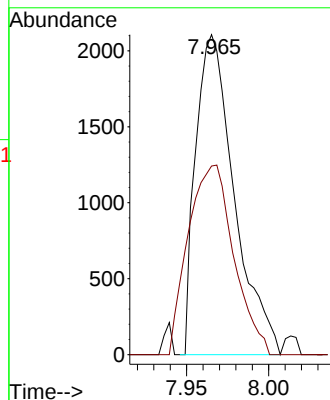
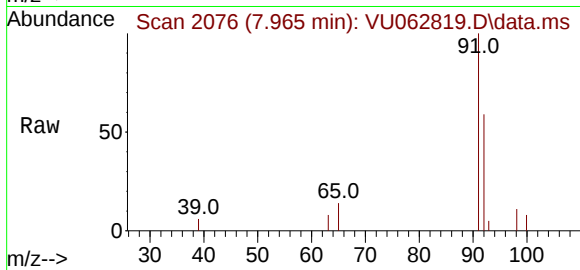
ClientSampleId :

Tgt Ion: 91 Resp: 3438

Ion Ratio Lower Upper

91 100

92 59.0 40.4 75.0



#61

1,2,3-Trichloropropane

Concen: 1.131 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.991 min

Lab File: VU062819.D

Acq: 16 Jan 2025 14:59

Tgt Ion: 75 Resp: 4027

Ion Ratio Lower Upper

75 100

110 0.0 33.2 49.8#

77 35.3 25.9 38.9

