

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012425\
 Data File : VU062988.D
 Acq On : 24 Jan 2025 13:11
 Operator : MD/SY
 Sample : Q1174-02
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 24 19:04:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 24 19:02:27 2025
 Response via : Initial Calibration

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

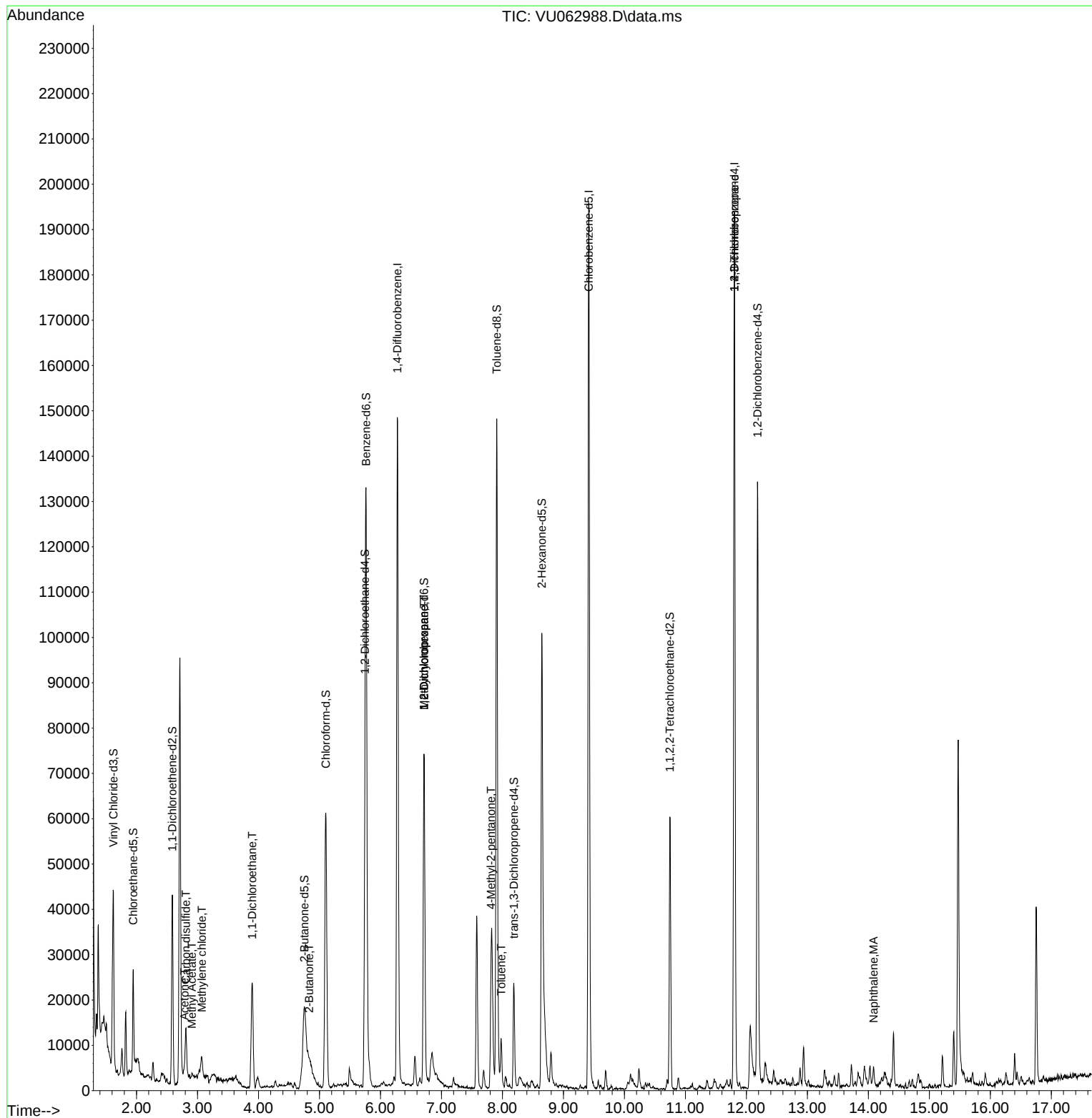
Internal Standards						
1) 1,4-Difluorobenzene	6.277	114	113958	5.000	ug/L	0.04
28) Chlorobenzene-d5	9.415	117	106890	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	49742	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.621	65	22610	3.582	ug/L	0.03
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.600%
7) Chloroethane-d5	1.946	69	14825	2.920	ug/L	0.04
Spiked Amount	5.000	Range	65 - 130	Recovery	=	58.400%#
11) 1,1-Dichloroethene-d2	2.589	65	7931	2.426	ug/L	0.03
Spiked Amount	5.000	Range	60 - 125	Recovery	=	48.600%#
20) 2-Butanone-d5	4.753	46	48769	37.807	ug/L	0.14
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.620%
24) Chloroform-d	5.103	84	60362	3.887	ug/L	0.05
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.800%
26) 1,2-Dichloroethane-d4	5.746	65	33188	3.940	ug/L	0.06
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.800%
32) Benzene-d6	5.766	84	109164	4.178	ug/L	0.05
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.600%
36) 1,2-Dichloropropane-d6	6.714	67	34504	4.763	ug/L	0.04
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.907	98	100033	3.930	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.600%
43) trans-1,3-Dichloroprop...	8.187	79	14184	3.928	ug/L	0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.600%
46) 2-Hexanone-d5	8.647	63	37416	32.944	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	65.880%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	24767	4.082	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.600%
66) 1,2-Dichlorobenzene-d4	12.183	152	33713	4.074	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.400%
Target Compounds						Qvalue
13) Acetone	2.785	43	6210	6.077	ug/L	56
14) Carbon disulfide	2.811	76	11229	0.497	ug/L	99
15) Methyl Acetate	2.907	43	857	0.387	ug/L #	44
16) Methylene chloride	3.071	84	2334	0.301	ug/L	89
19) 1,1-Dichloroethane	3.894	63	23748	1.752	ug/L	94
21) 2-Butanone	4.830	43	8178	6.009	ug/L	78
35) Methylcyclohexane	6.714	83	8962	0.694	ug/L #	23
37) 1,2-Dichloropropane	6.714	63	4078	0.563	ug/L #	85
40) 4-Methyl-2-pentanone	7.814	43	17766	5.250	ug/L #	93
42) Toluene	7.981	91	7750	0.230	ug/L	95
61) 1,2,3-Trichloropropane	11.804	75	6447	1.461	ug/L #	60
71) Naphthalene	14.087	128	3912	0.277	ug/L #	93

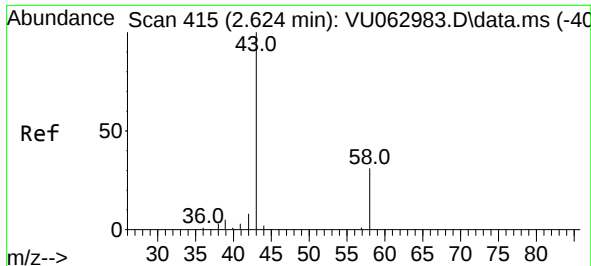
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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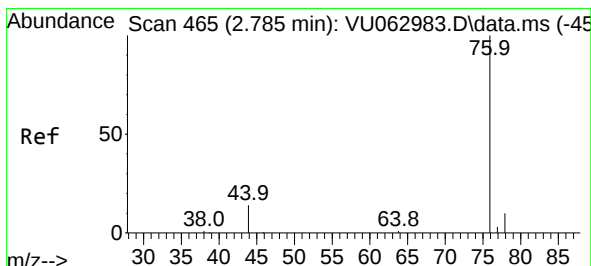
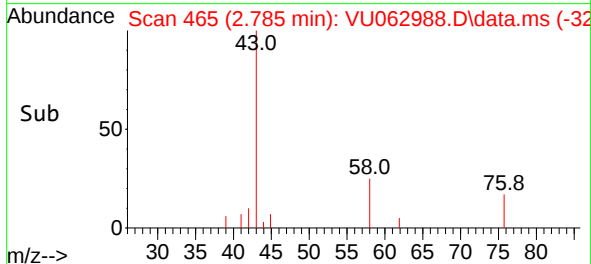
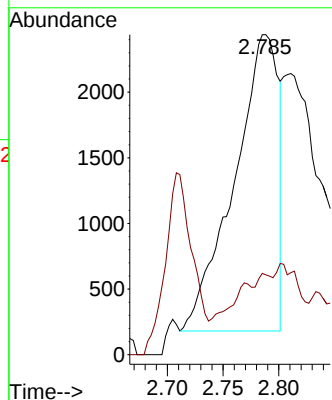
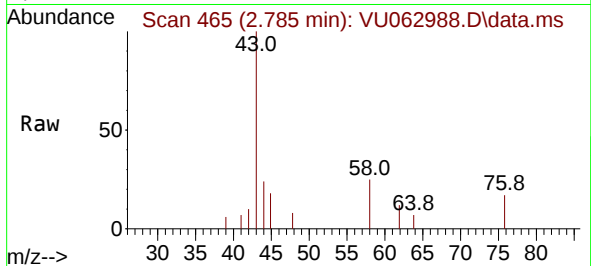




#13
Acetone
Concen: 6.077 ug/L
RT: 2.785 min Scan# 415
Delta R.T. 0.161 min
Lab File: VU062988.D
Acq: 24 Jan 2025 13:11

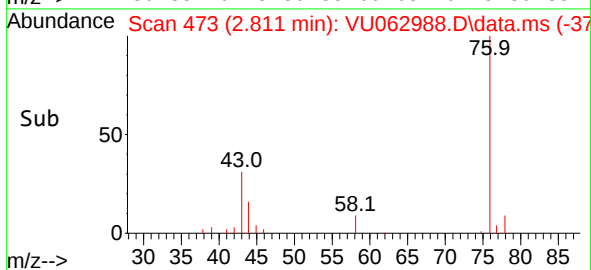
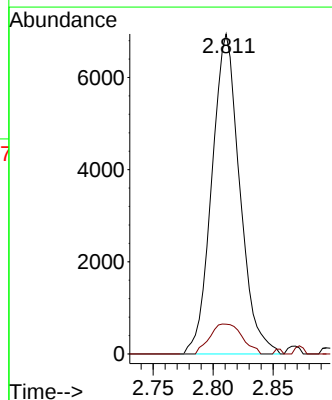
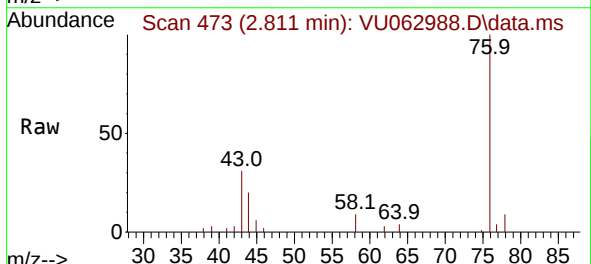
Instrument :
MSVOA_U
ClientSampleId :

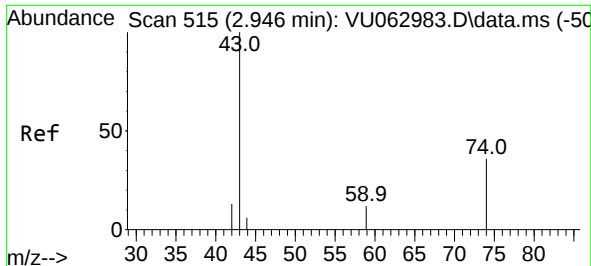
Tgt Ion: 43 Resp: 6210
Ion Ratio Lower Upper
43 100
58 7.8 0.0 64.4



#14
Carbon disulfide
Concen: 0.497 ug/L
RT: 2.811 min Scan# 473
Delta R.T. 0.026 min
Lab File: VU062988.D
Acq: 24 Jan 2025 13:11

Tgt Ion: 76 Resp: 11229
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6

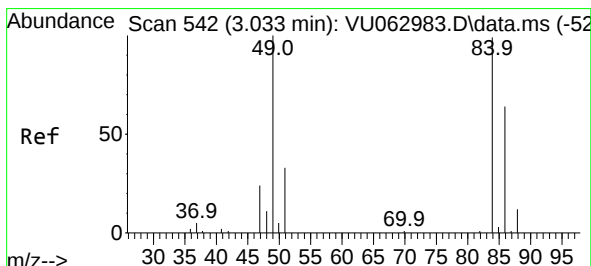
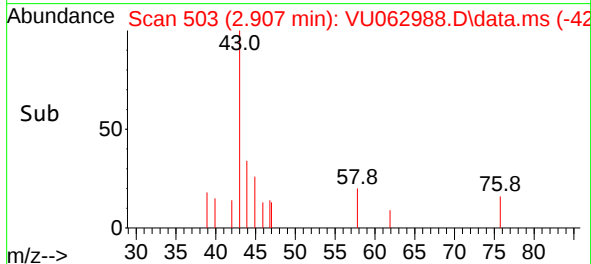
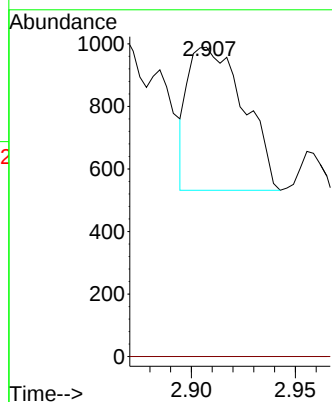
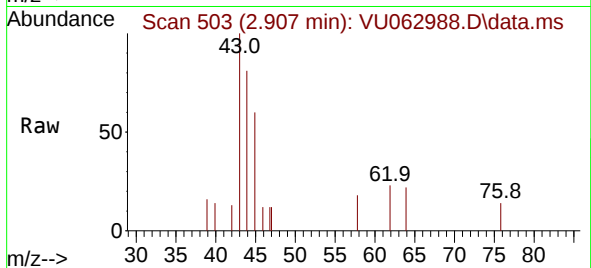




#15
Methyl Acetate
Concen: 0.387 ug/L
RT: 2.907 min Scan# 503
Delta R.T. -0.039 min
Lab File: VU062988.D
Acq: 24 Jan 2025 13:11

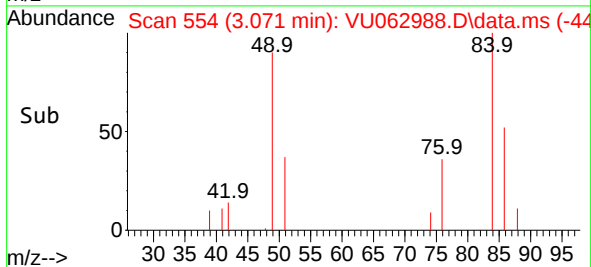
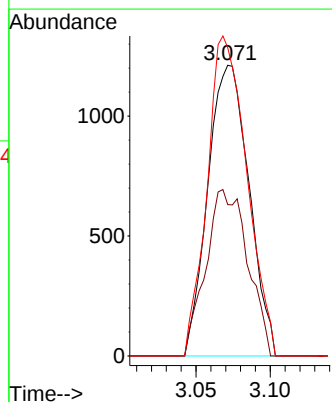
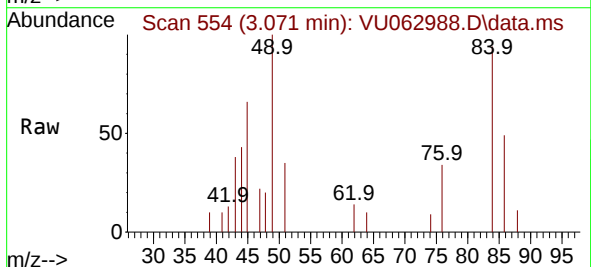
Instrument :
MSVOA_U
ClientSampleId :

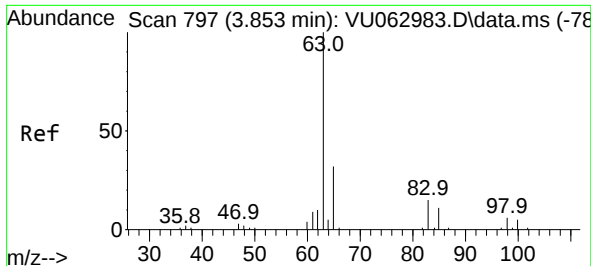
Tgt Ion: 43 Resp: 857
Ion Ratio Lower Upper
43 100
74 0.0 24.4 36.6#



#16
Methylene chloride
Concen: 0.301 ug/L
RT: 3.071 min Scan# 554
Delta R.T. 0.039 min
Lab File: VU062988.D
Acq: 24 Jan 2025 13:11

Tgt Ion: 84 Resp: 2334
Ion Ratio Lower Upper
84 100
86 52.1 44.7 83.1
49 106.0 68.3 126.9





#19

1,1-Dichloroethane

Concen: 1.752 ug/L

RT: 3.894 min Scan# 81

Delta R.T. 0.042 min

Lab File: VU062988.D

Acq: 24 Jan 2025 13:11

Instrument :

MSVOA_U

ClientSampleId :

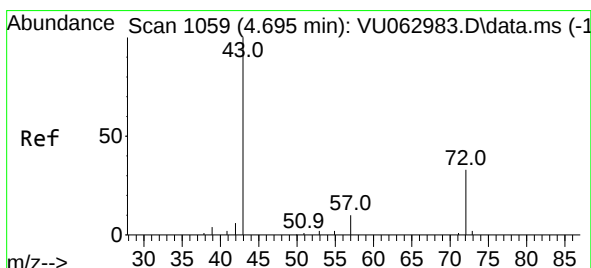
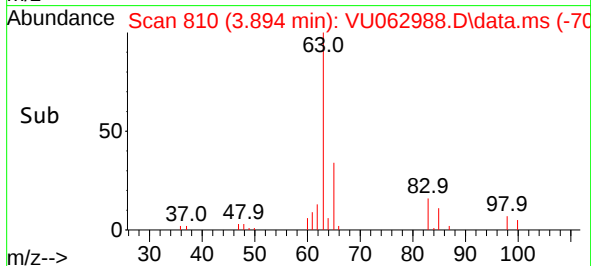
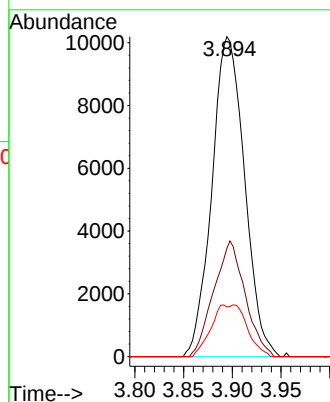
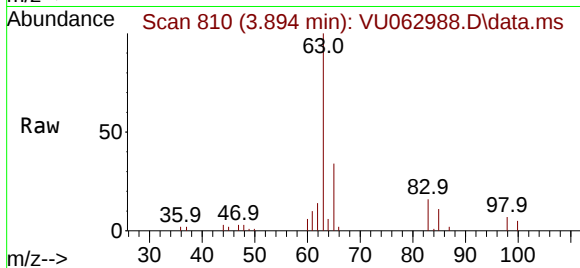
Tgt Ion: 63 Resp: 23748

Ion Ratio Lower Upper

63 100

65 33.9 20.7 38.5

83 15.6 10.5 19.5



#21

2-Butanone

Concen: 6.009 ug/L

RT: 4.830 min Scan# 1101

Delta R.T. 0.135 min

Lab File: VU062988.D

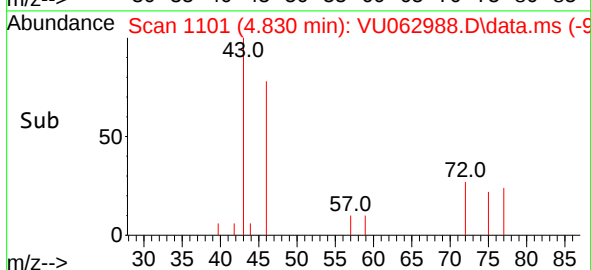
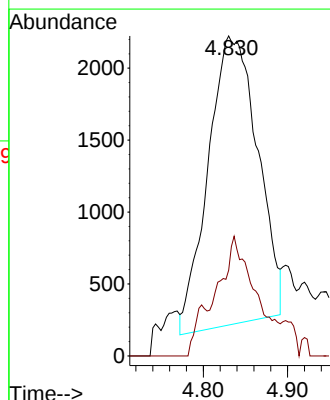
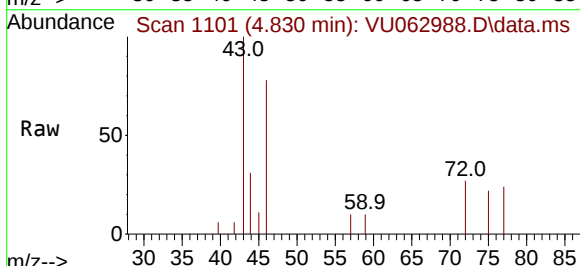
Acq: 24 Jan 2025 13:11

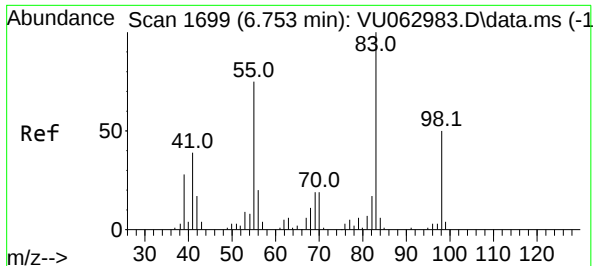
Tgt Ion: 43 Resp: 8178

Ion Ratio Lower Upper

43 100

72 21.3 17.1 51.2

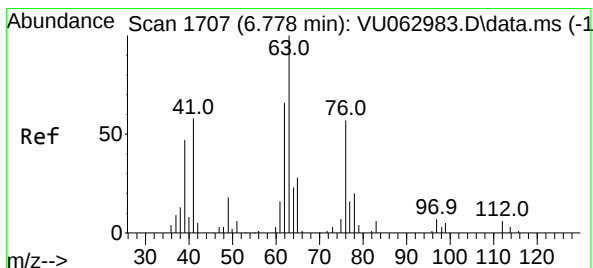
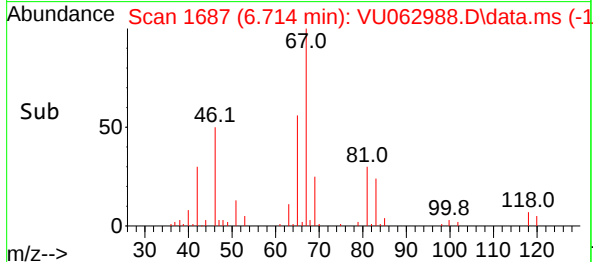
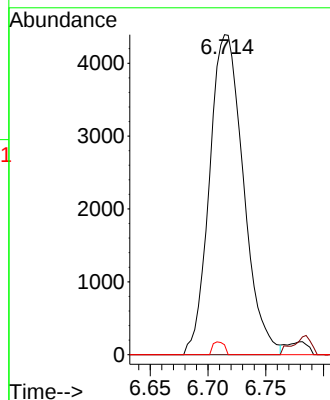
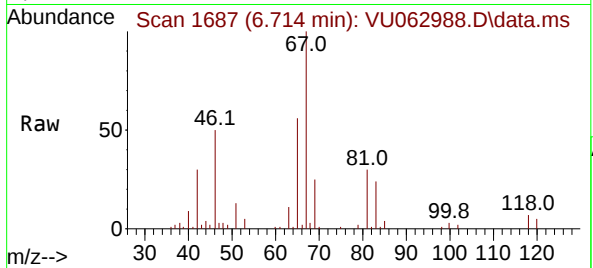




#35
Methylcyclohexane
Concen: 0.694 ug/L
RT: 6.714 min Scan# 1687
Delta R.T. -0.039 min
Lab File: VU062988.D
Acq: 24 Jan 2025 13:11

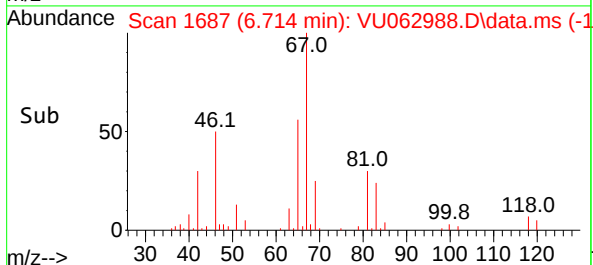
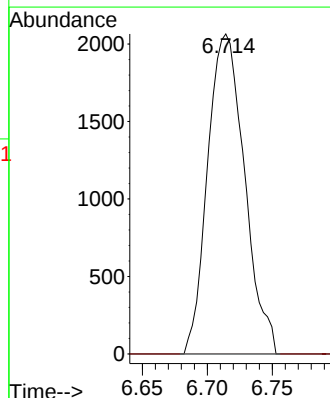
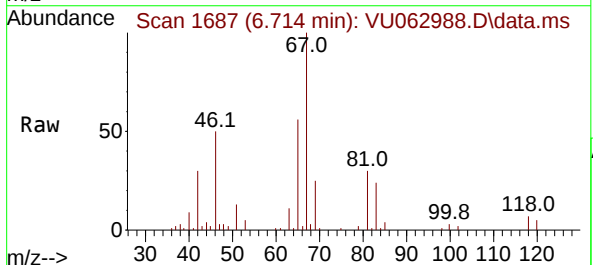
Instrument :
MSVOA_U
ClientSampleId :

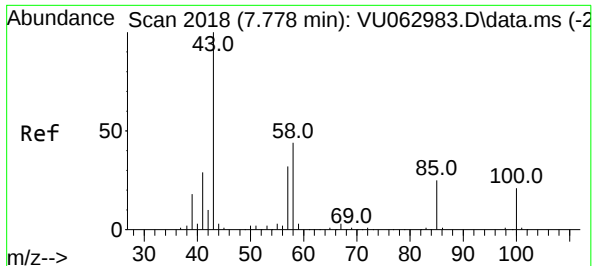
Tgt Ion	Ratio	Lower	Upper
83	100		
55	3.2	57.2	85.8#
98	1.4	36.6	55.0#



#37
1,2-Dichloropropane
Concen: 0.563 ug/L
RT: 6.714 min Scan# 1687
Delta R.T. -0.064 min
Lab File: VU062988.D
Acq: 24 Jan 2025 13:11

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





#40

4-Methyl-2-pentanone

Concen: 5.250 ug/L

RT: 7.814 min Scan# 2018

Delta R.T. 0.035 min

Lab File: VU062988.D

Acq: 24 Jan 2025 13:11

Instrument :

MSVOA_U

ClientSampleId :

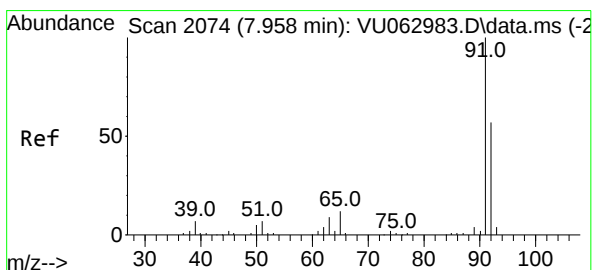
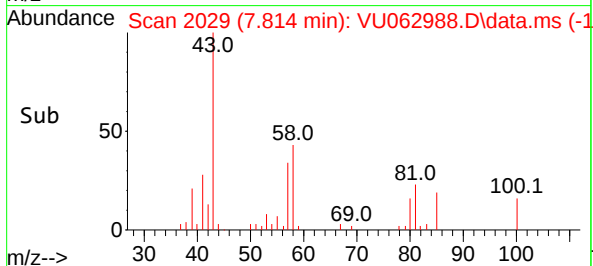
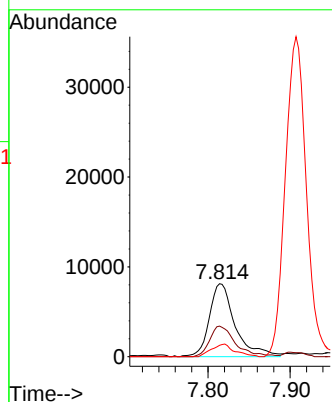
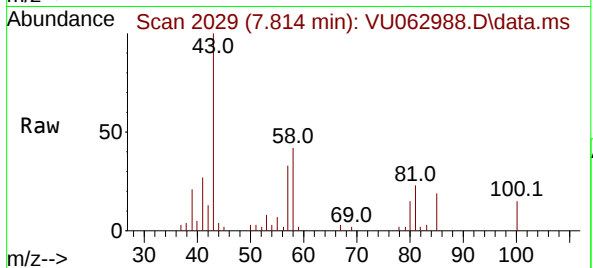
Tgt Ion: 43 Resp: 17766

Ion Ratio Lower Upper

43 100

58 41.7 35.8 53.8

100 15.5 16.8 25.2#



#42

Toluene

Concen: 0.230 ug/L

RT: 7.981 min Scan# 2081

Delta R.T. 0.023 min

Lab File: VU062988.D

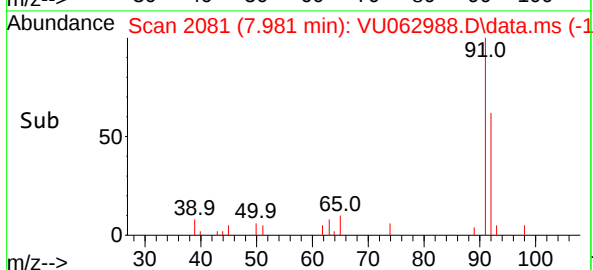
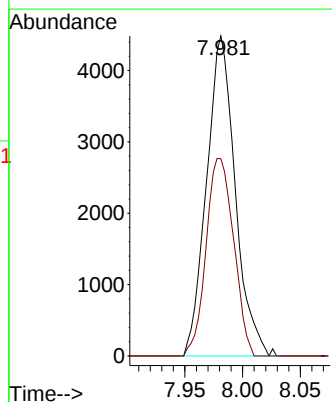
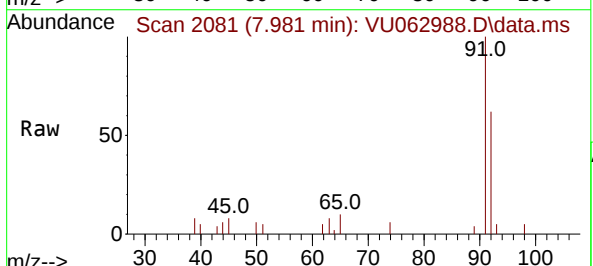
Acq: 24 Jan 2025 13:11

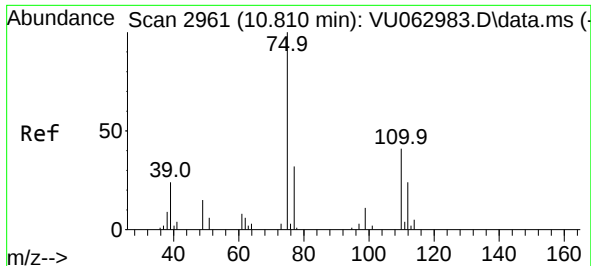
Tgt Ion: 91 Resp: 7750

Ion Ratio Lower Upper

91 100

92 61.7 40.4 75.0

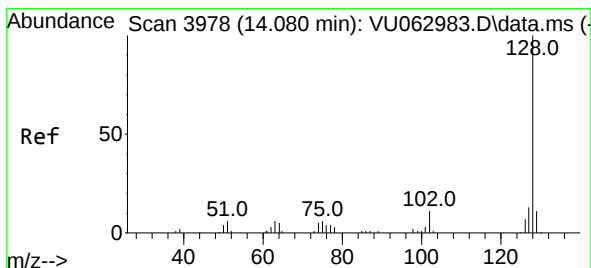
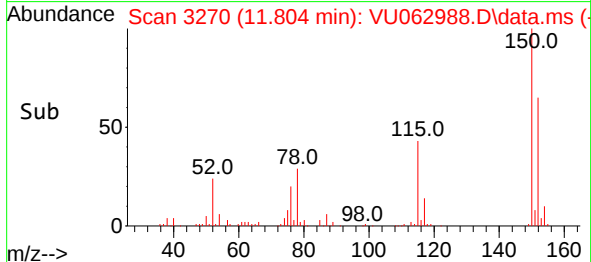
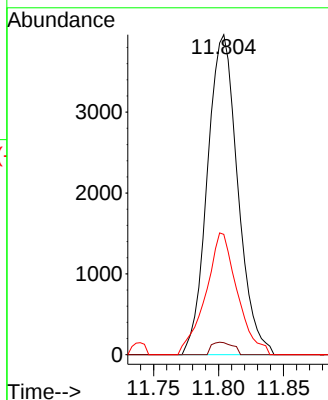
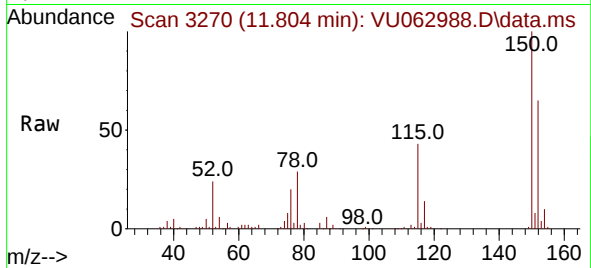




#61
1,2,3-Trichloropropane
Concen: 1.461 ug/L
RT: 11.804 min Scan# 31
Delta R.T. 0.994 min
Lab File: VU062988.D
Acq: 24 Jan 2025 13:11

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ClientSampleId :

Tgt Ion: 75 Resp: 6447
Ion Ratio Lower Upper
75 100
110 2.7 33.2 49.8#
77 39.5 25.9 38.9#



#71
Naphthalene
Concen: 0.277 ug/L
RT: 14.087 min Scan# 3980
Delta R.T. 0.006 min
Lab File: VU062988.D
Acq: 24 Jan 2025 13:11

Tgt Ion: 128 Resp: 3912
Ion Ratio Lower Upper
128 100
129 7.4 8.5 12.7#
127 10.8 10.2 15.2

