

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012425\
 Data File : VU062999.D
 Acq On : 24 Jan 2025 17:41
 Operator : MD/SY
 Sample : Q1174-11
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 24 19:08:36 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)

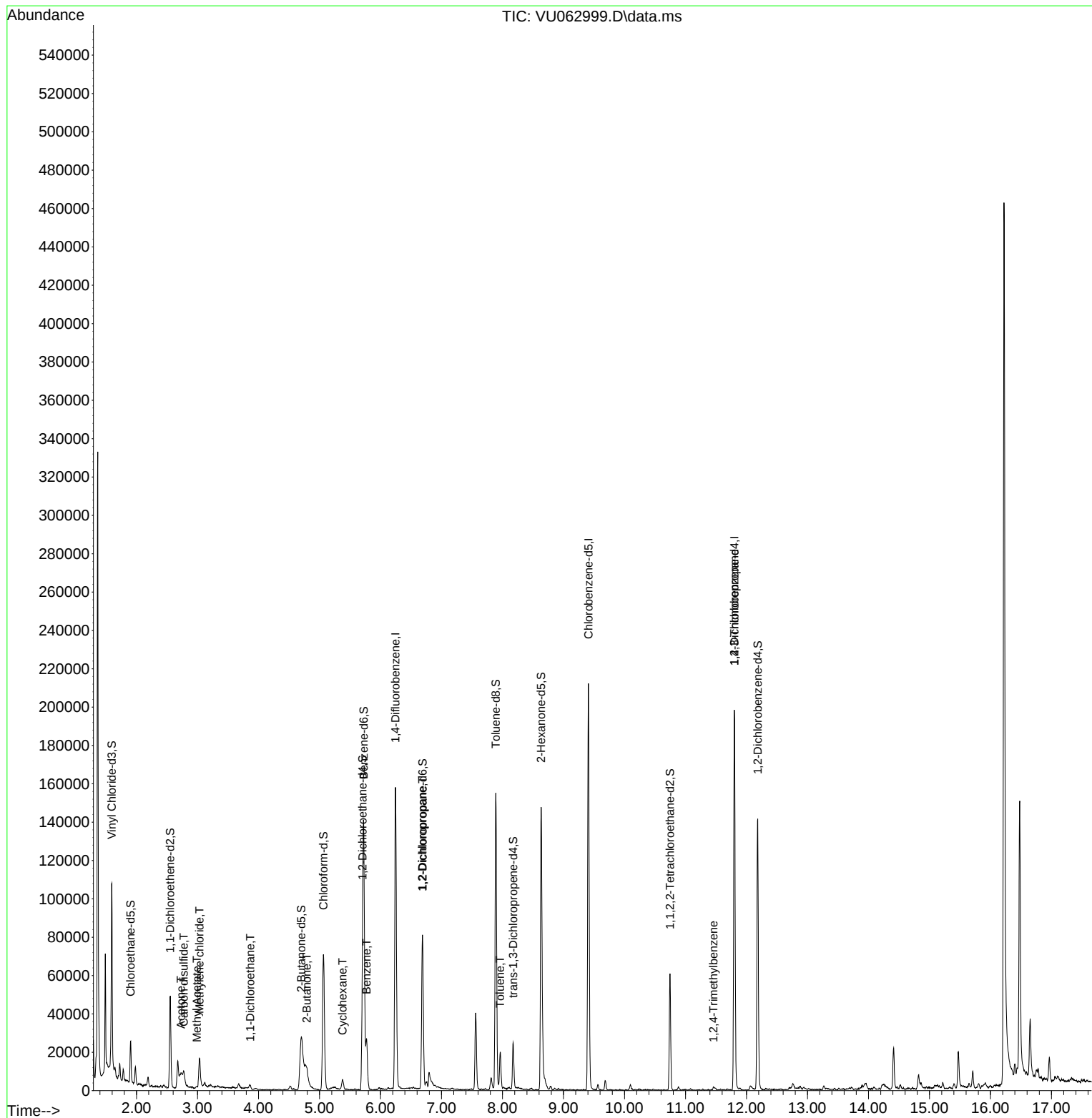
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	122775	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	111796	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	50500	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	23766	3.495	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.000%
7) Chloroethane-d5	1.904	69	14605	2.670	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	53.400%#
11) 1,1-Dichloroethene-d2	2.550	65	8747	2.483	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	49.600%#
20) 2-Butanone-d5	4.702	46	71498	51.447	ug/L	0.09
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.900%
24) Chloroform-d	5.065	84	67009	4.005	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.200%
26) 1,2-Dichloroethane-d4	5.705	65	36142	3.983	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.600%
32) Benzene-d6	5.724	84	117070	4.284	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
36) 1,2-Dichloropropane-d6	6.689	67	38433	5.072	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.400%
41) Toluene-d8	7.891	98	103179	3.875	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.600%
43) trans-1,3-Dichloroprop...	8.174	79	14115	3.737	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.800%
46) 2-Hexanone-d5	8.634	63	51803	43.610	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.220%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	27752	4.373	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.400%
66) 1,2-Dichlorobenzene-d4	12.184	152	35431	4.217	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.400%
Target Compounds						
					Qvalue	
13) Acetone	2.727	43	28100	25.524	ug/L	90
14) Carbon disulfide	2.776	76	6323	0.260	ug/L	97
15) Methyl Acetate	2.988	43	827	0.347	ug/L #	59
16) Methylene chloride	3.033	84	7440	0.891	ug/L	96
19) 1,1-Dichloroethane	3.866	63	2730	0.187	ug/L	95
21) 2-Butanone	4.792	43	23924	16.317	ug/L #	55
30) Cyclohexane	5.377	56	2659	0.240	ug/L #	75
33) Benzene	5.772	78	24799	0.772	ug/L	100
37) 1,2-Dichloropropane	6.685	63	4801	0.634	ug/L #	85
42) Toluene	7.962	91	14214	0.404	ug/L	90
61) 1,2,3-Trichloropropane	11.801	75	6130	1.369	ug/L #	58
63) 1,2,4-Trimethylbenzene	11.460	105	1580	0.055	ug/L #	69

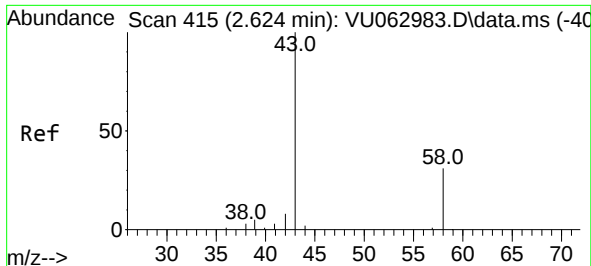
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 25.524 ug/L

RT: 2.727 min Scan# 447

Delta R.T. 0.103 min

Lab File: VU062999.D

Acq: 24 Jan 2025 17:41

Instrument :

MSVOA_U

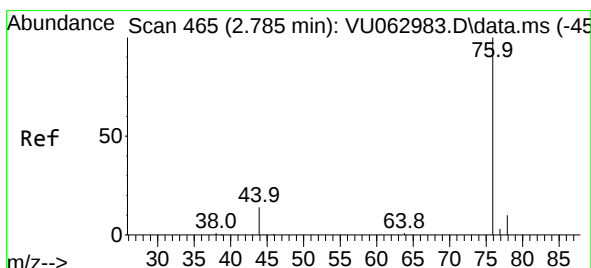
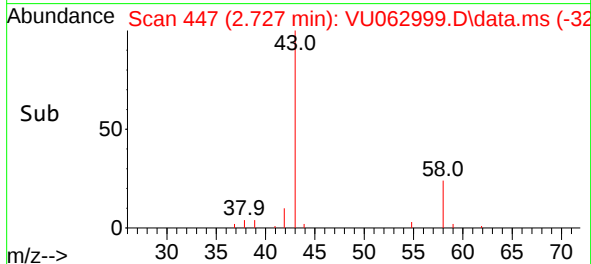
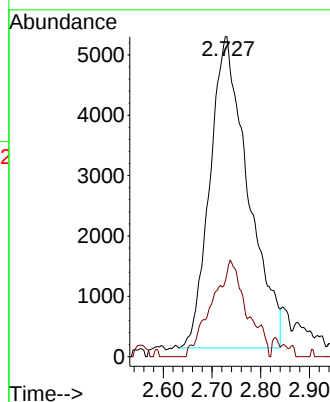
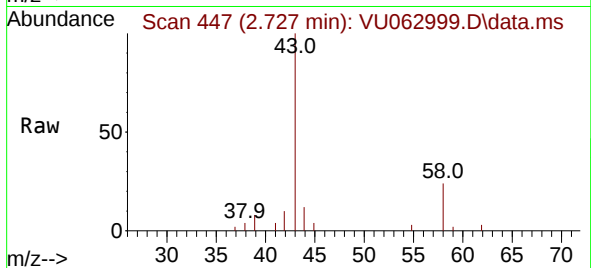
ClientSampleId :

Tgt Ion: 43 Resp: 28100

Ion Ratio Lower Upper

43 100

58 26.5 0.0 64.4



#14

Carbon disulfide

Concen: 0.260 ug/L

RT: 2.776 min Scan# 462

Delta R.T. -0.010 min

Lab File: VU062999.D

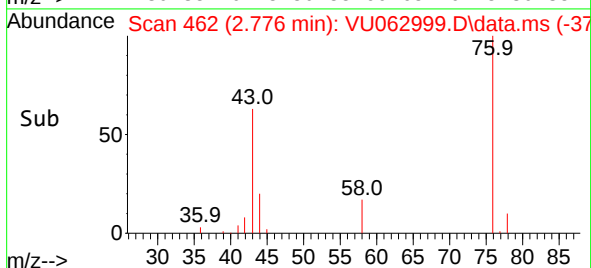
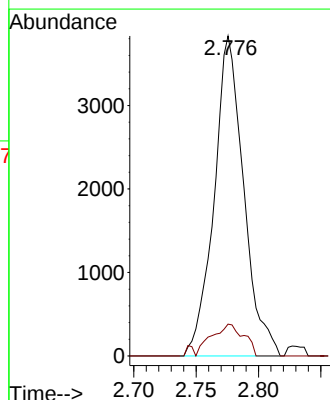
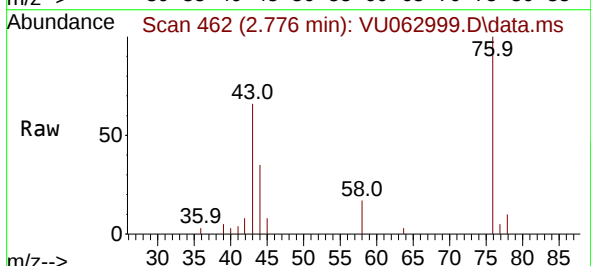
Acq: 24 Jan 2025 17:41

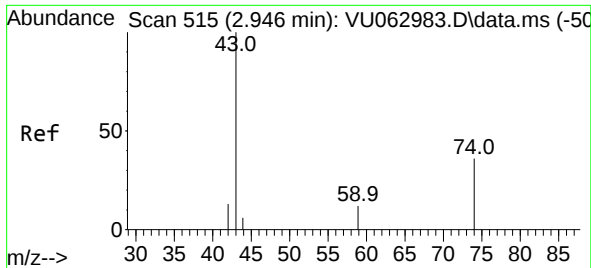
Tgt Ion: 76 Resp: 6323

Ion Ratio Lower Upper

76 100

78 10.0 7.0 10.6

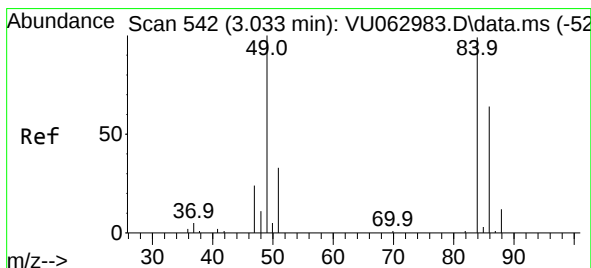
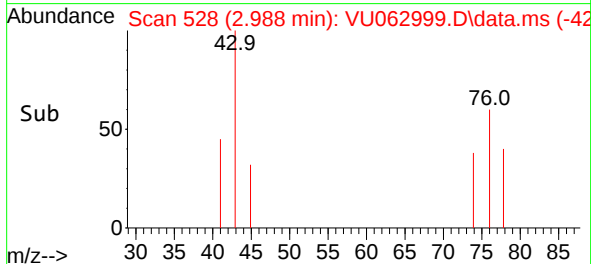
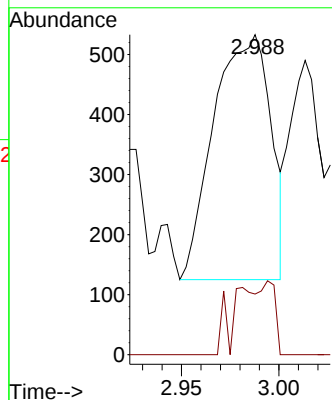
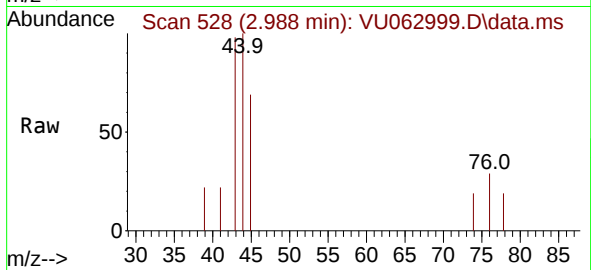




#15
Methyl Acetate
Concen: 0.347 ug/L
RT: 2.988 min Scan# 515
Delta R.T. 0.042 min
Lab File: VU062999.D
Acq: 24 Jan 2025 17:41

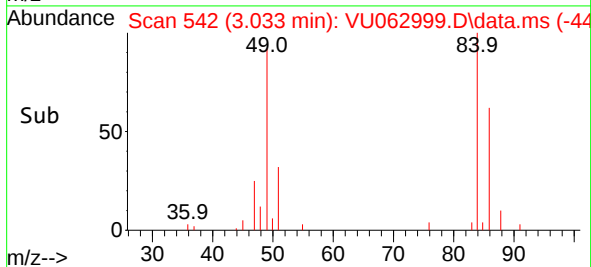
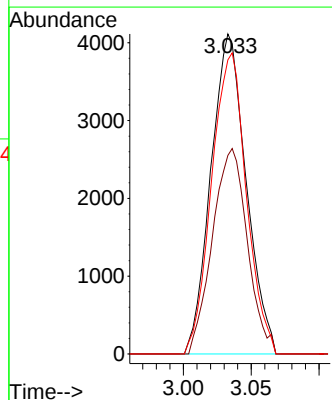
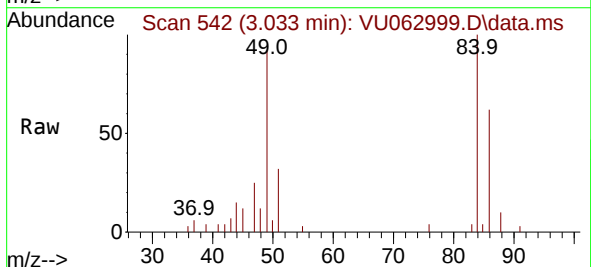
Instrument :
MSVOA_U
ClientSampleId :

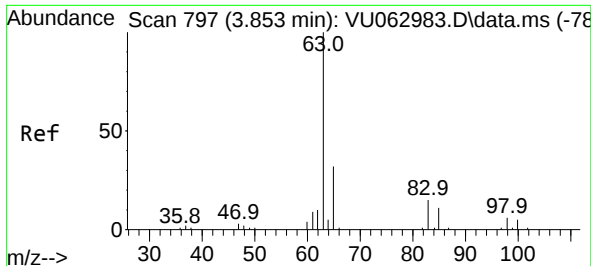
Tgt Ion: 43 Resp: 827
Ion Ratio Lower Upper
43 100
74 8.1 24.4 36.6#



#16
Methylene chloride
Concen: 0.891 ug/L
RT: 3.033 min Scan# 542
Delta R.T. 0.000 min
Lab File: VU062999.D
Acq: 24 Jan 2025 17:41

Tgt Ion: 84 Resp: 7440
Ion Ratio Lower Upper
84 100
86 62.0 44.7 83.1
49 91.9 68.3 126.9

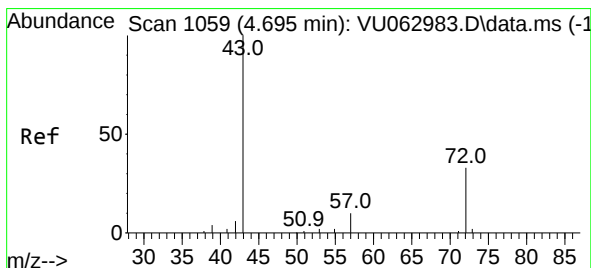
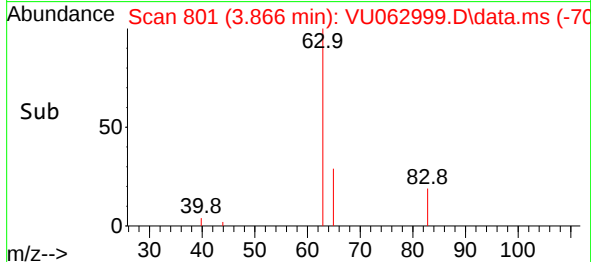
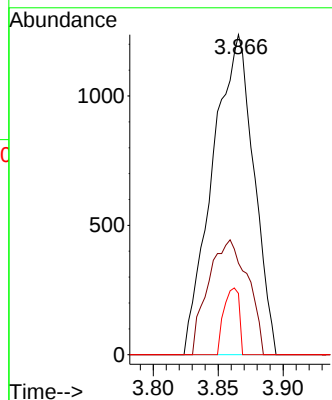
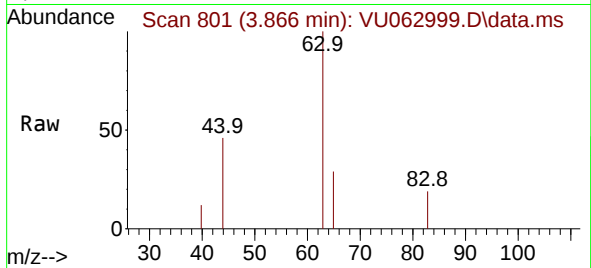




#19
1,1-Dichloroethane
Concen: 0.187 ug/L
RT: 3.866 min Scan# 801
Delta R.T. 0.013 min
Lab File: VU062999.D
Acq: 24 Jan 2025 17:41

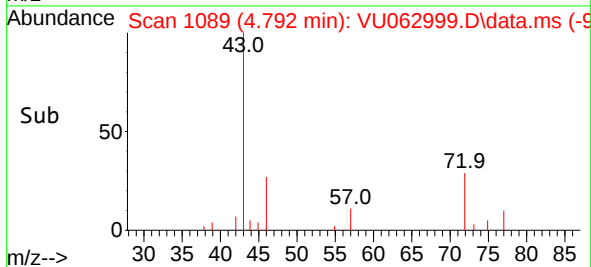
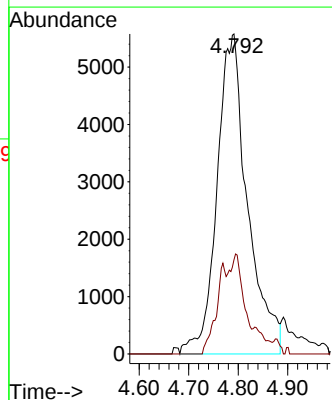
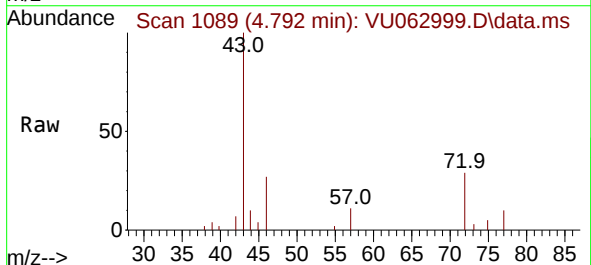
Instrument :
MSVOA_U
ClientSampleId :

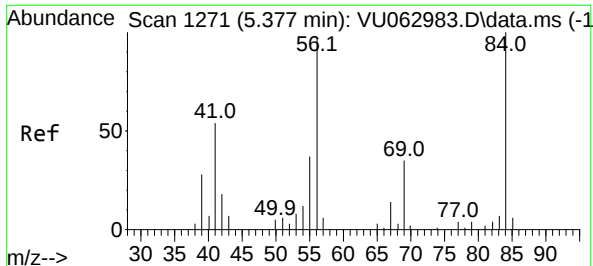
Tgt Ion: 63 Resp: 2730
Ion Ratio Lower Upper
63 100
65 28.6 20.7 38.5
83 19.2 10.5 19.5



#21
2-Butanone
Concen: 16.317 ug/L
RT: 4.792 min Scan# 1089
Delta R.T. 0.097 min
Lab File: VU062999.D
Acq: 24 Jan 2025 17:41

Tgt Ion: 43 Resp: 23924
Ion Ratio Lower Upper
43 100
72 8.1 17.1 51.2#

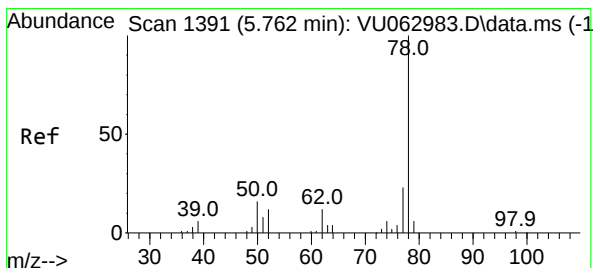
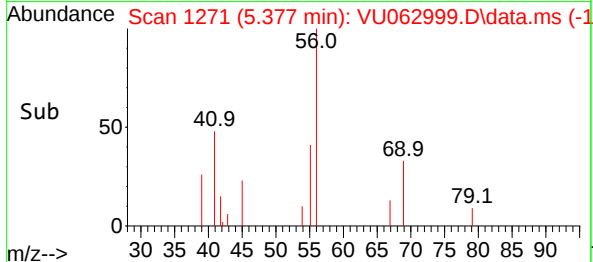
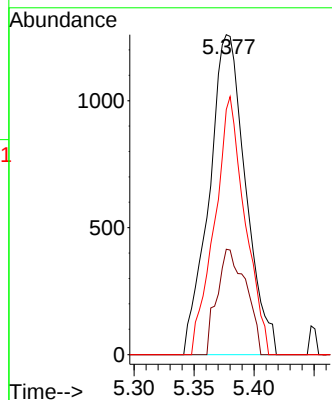
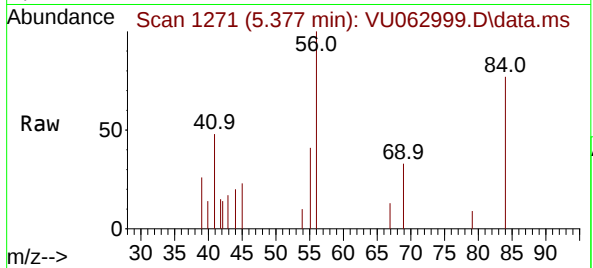




#30
Cyclohexane
Concen: 0.240 ug/L
RT: 5.377 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU062999.D
Acq: 24 Jan 2025 17:41

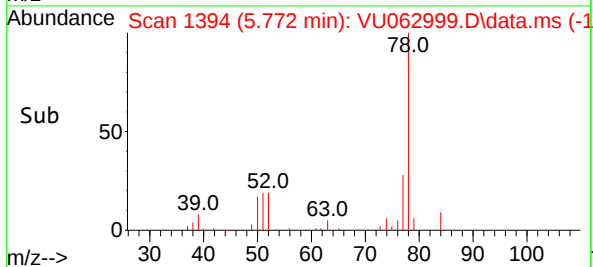
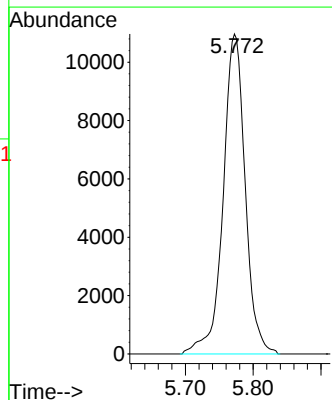
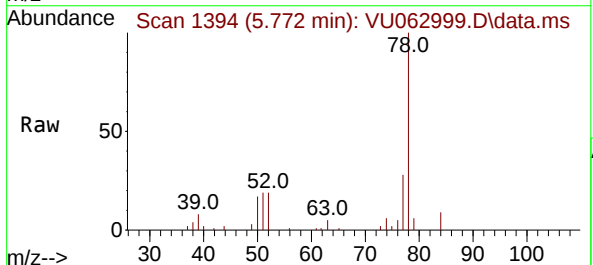
Instrument :
MSVOA_U
ClientSampleId :

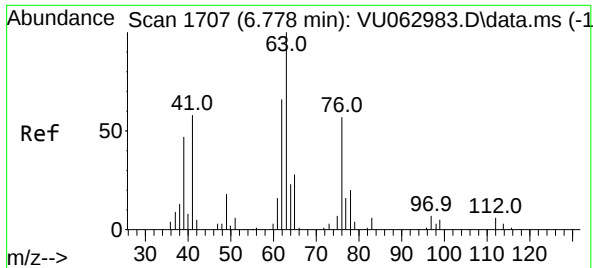
Tgt Ion: 56 Resp: 2659
Ion Ratio Lower Upper
56 100
69 26.1 28.3 42.5#
84 67.4 76.5 114.7#



#33
Benzene
Concen: 0.772 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. 0.010 min
Lab File: VU062999.D
Acq: 24 Jan 2025 17:41

Tgt Ion: 78 Resp: 24799





#37

1,2-Dichloropropane

Concen: 0.634 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.093 min

Lab File: VU062999.D

Acq: 24 Jan 2025 17:41

Instrument :

MSVOA_U

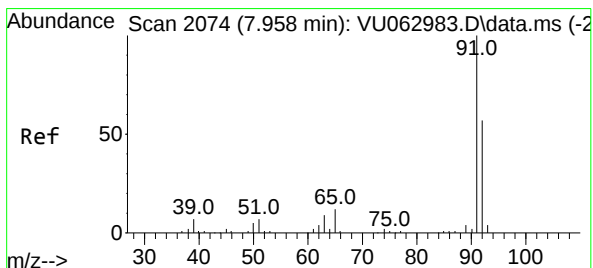
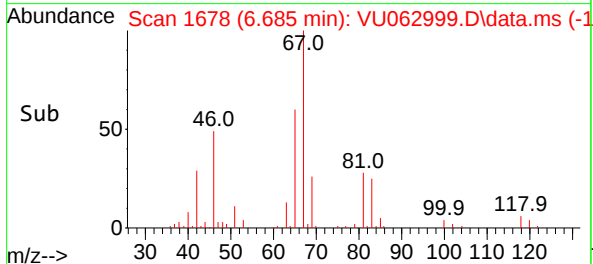
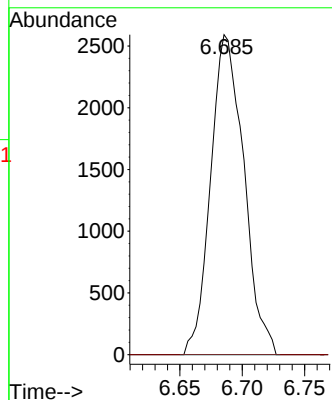
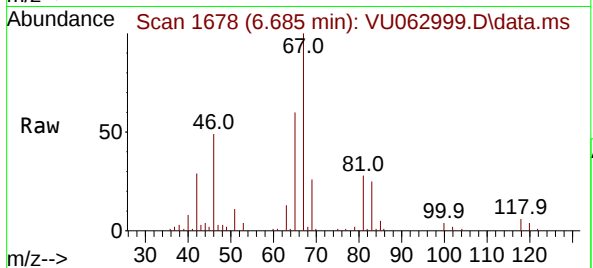
ClientSampleId :

Tgt Ion: 63 Resp: 4801

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#42

Toluene

Concen: 0.404 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU062999.D

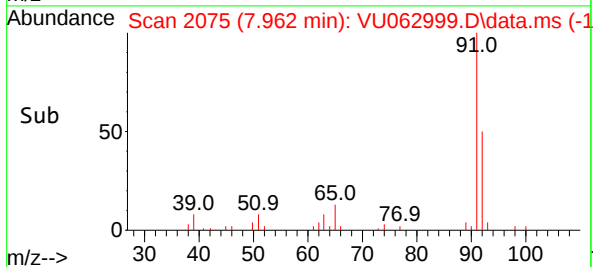
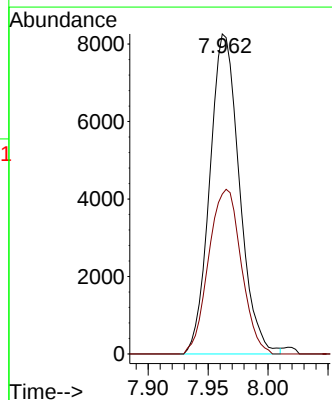
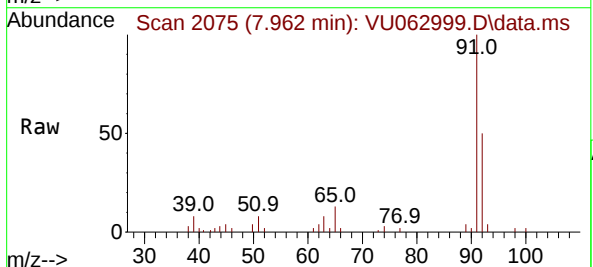
Acq: 24 Jan 2025 17:41

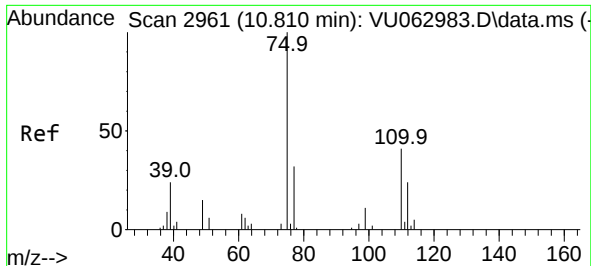
Tgt Ion: 91 Resp: 14214

Ion Ratio Lower Upper

91 100

92 50.0 40.4 75.0

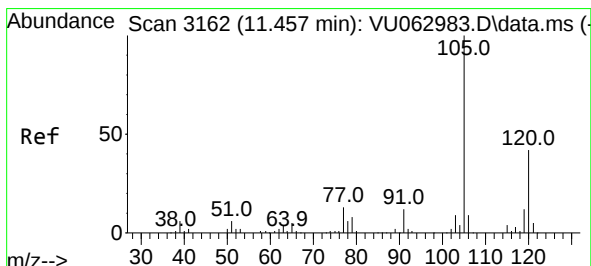
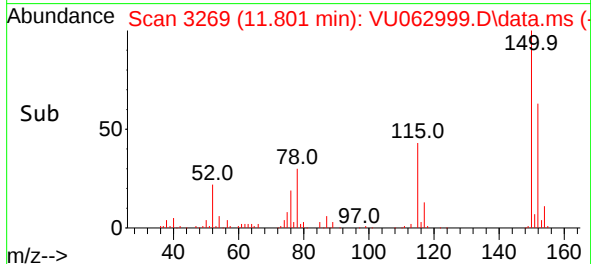
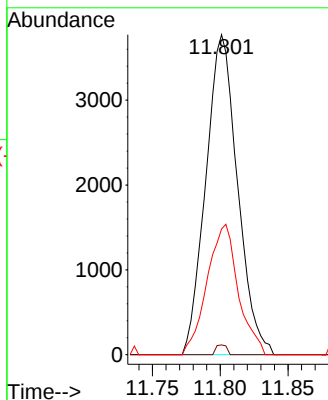
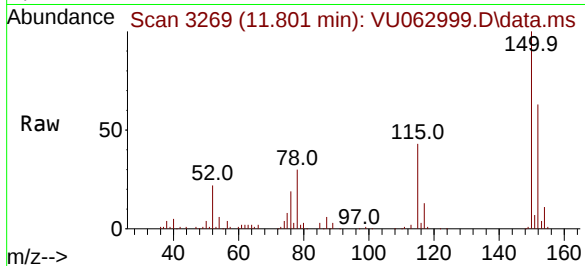




#61
1,2,3-Trichloropropane
Concen: 1.369 ug/L
RT: 11.801 min Scan# 3163
Delta R.T. 0.990 min
Lab File: VU062999.D
Acq: 24 Jan 2025 17:41

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 6130
Ion Ratio Lower Upper
75 100
110 1.0 33.2 49.8#
77 40.0 25.9 38.9#



#63
1,2,4-Trimethylbenzene
Concen: 0.055 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VU062999.D
Acq: 24 Jan 2025 17:41

Tgt Ion: 105 Resp: 1580
Ion Ratio Lower Upper
105 100
120 23.2 34.2 51.2#

