

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020425\
 Data File : VU063134.D
 Acq On : 04 Feb 2025 21:25
 Operator : MD/SY
 Sample : Q1227-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

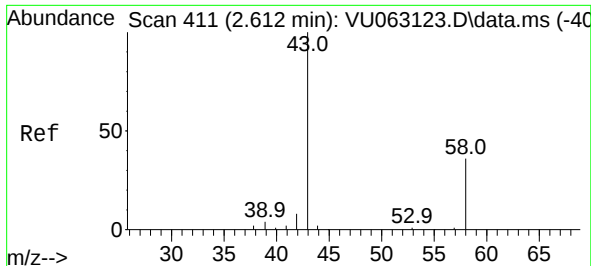
Instrument :
 MSVOA_U
 ClientSampleId :
 E2984

Quant Time: Feb 05 08:05:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020425WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 05 07:57:12 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	70888	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	67694	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	28012	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	21038	5.188	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.800%
7) Chloroethane-d5	1.901	69	20253	5.382	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.600%
11) 1,1-Dichloroethene-d2	2.554	65	9326	5.152	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.000%
20) 2-Butanone-d5	4.608	46	71333	53.439	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.880%
24) Chloroform-d	5.049	84	45945	5.125	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.400%
26) 1,2-Dichloroethane-d4	5.689	65	25239	5.474	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.400%
32) Benzene-d6	5.714	84	91322	5.172	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.400%
36) 1,2-Dichloropropane-d6	6.679	67	30532	5.245	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.800%
41) Toluene-d8	7.888	98	76179	4.884	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
43) trans-1,3-Dichloroprop...	8.174	79	10229	4.690	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.800%
46) 2-Hexanone-d5	8.621	63	53983	49.173	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.340%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	26139	5.087	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.800%
66) 1,2-Dichlorobenzene-d4	12.183	152	25588	5.470	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.400%
Target Compounds						Qvalue
13) Acetone	2.611	43	53353	63.471	ug/L	99
14) Carbon disulfide	2.782	76	3019	0.187	ug/L	99
21) 2-Butanone	4.711	43	5973	4.280	ug/L	84
25) Chloroform	5.078	83	2516	0.258	ug/L	94
30) Cyclohexane	5.373	56	736	0.087	ug/L #	90
33) Benzene	5.766	78	6878	0.309	ug/L	100
35) Methylcyclohexane	6.753	83	677	0.080	ug/L #	82
37) 1,2-Dichloropropane	6.682	63	3208	0.540	ug/L #	90
42) Toluene	7.962	91	5991	0.257	ug/L	96
61) 1,2,3-Trichloropropane	11.804	75	3495	1.034	ug/L #	68

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



#13

Acetone

Concen: 63.471 ug/L

RT: 2.611 min Scan# 411

Delta R.T. -0.000 min

Lab File: VU063134.D

Acq: 04 Feb 2025 21:25

Instrument :

MSVOA_U

ClientSampleId :

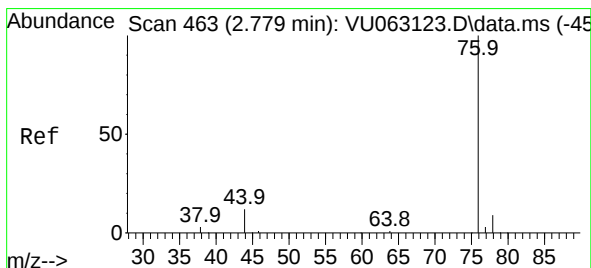
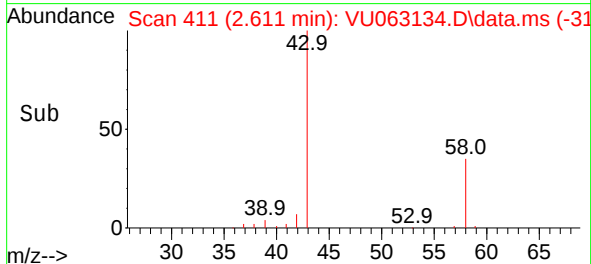
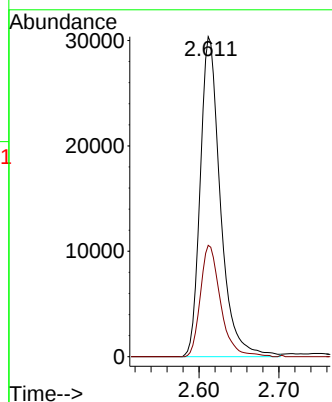
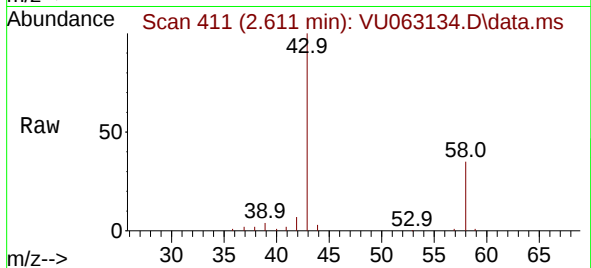
E2984

Tgt Ion: 43 Resp: 53353

Ion Ratio Lower Upper

43 100

58 34.8 0.0 70.2



#14

Carbon disulfide

Concen: 0.187 ug/L

RT: 2.782 min Scan# 464

Delta R.T. 0.003 min

Lab File: VU063134.D

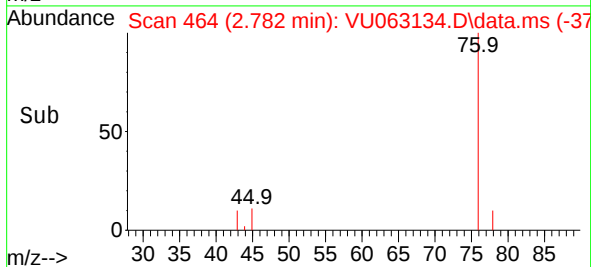
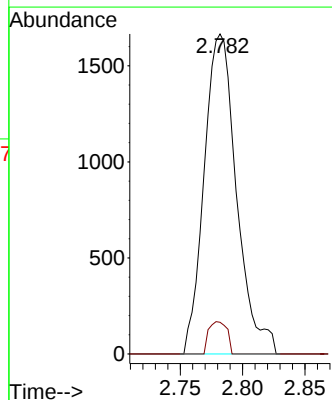
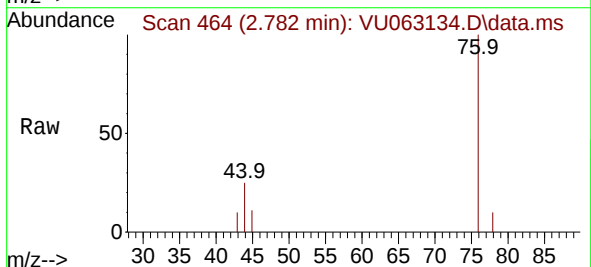
Acq: 04 Feb 2025 21:25

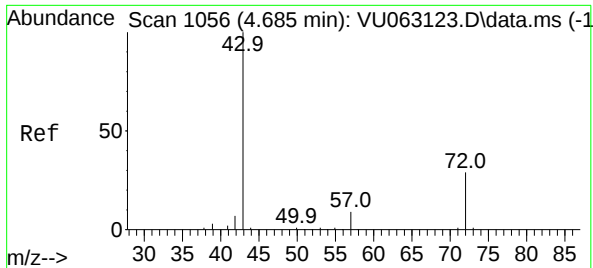
Tgt Ion: 76 Resp: 3019

Ion Ratio Lower Upper

76 100

78 9.9 7.5 11.3

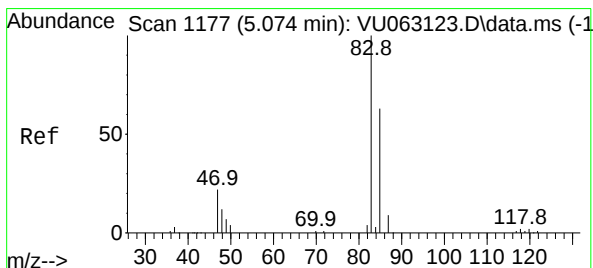
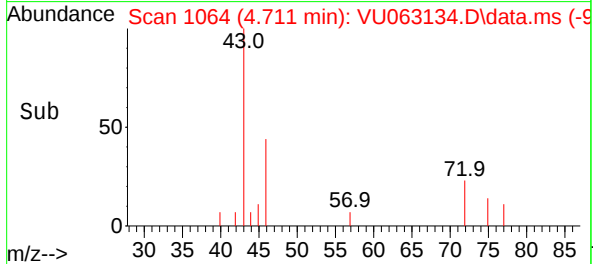
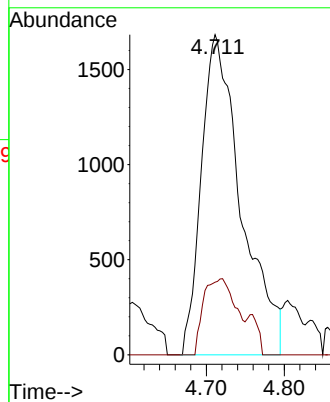
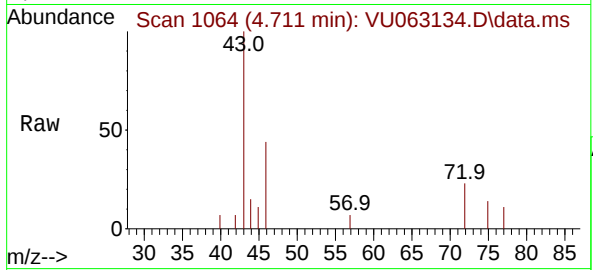




#21
2-Butanone
Concen: 4.280 ug/L
RT: 4.711 min Scan# 1064
Delta R.T. 0.026 min
Lab File: VU063134.D
Acq: 04 Feb 2025 21:25

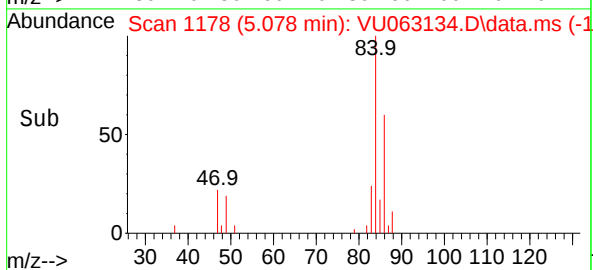
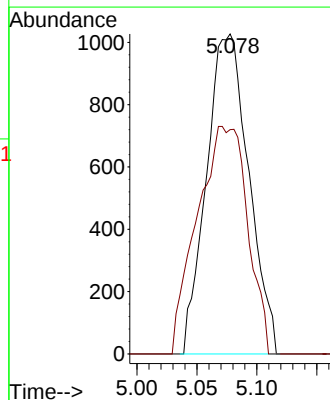
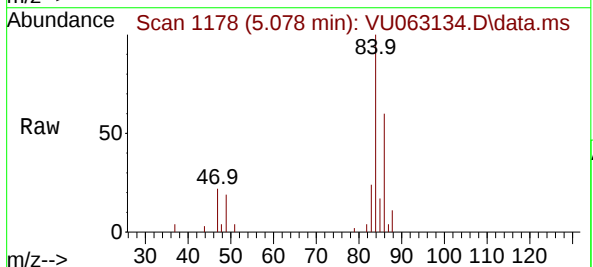
Instrument :
MSVOA_U
ClientSampleId :
E2984

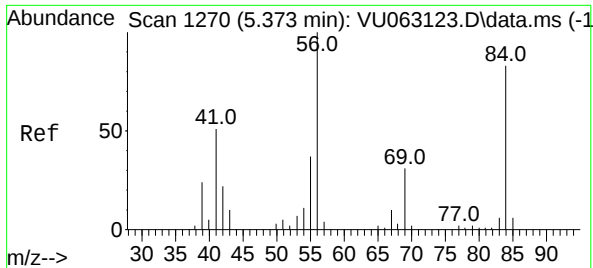
Tgt Ion: 43 Resp: 5973
Ion Ratio Lower Upper
43 100
72 19.2 13.9 41.7



#25
Chloroform
Concen: 0.258 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VU063134.D
Acq: 04 Feb 2025 21:25

Tgt Ion: 83 Resp: 2516
Ion Ratio Lower Upper
83 100
85 70.1 45.6 84.8





#30

Cyclohexane

Concen: 0.087 ug/L

RT: 5.373 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VU063134.D

Acq: 04 Feb 2025 21:25

Instrument :

MSVOA_U

ClientSampleId :

E2984

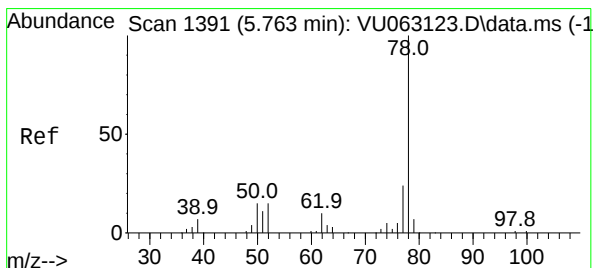
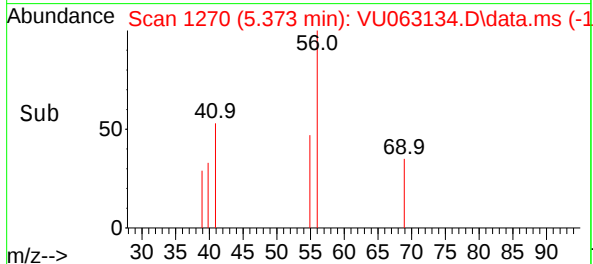
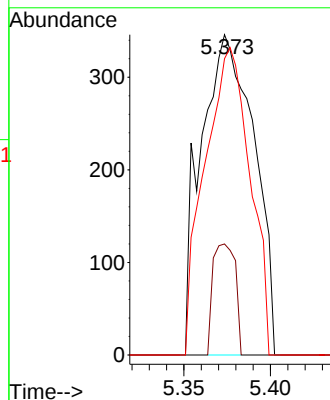
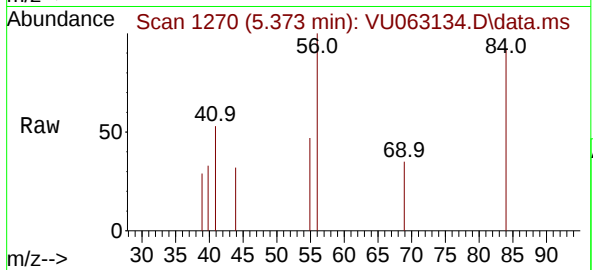
Tgt Ion: 56 Resp: 736

Ion Ratio Lower Upper

56 100

69 14.7 24.6 37.0#

84 82.1 67.9 101.9



#33

Benzene

Concen: 0.309 ug/L

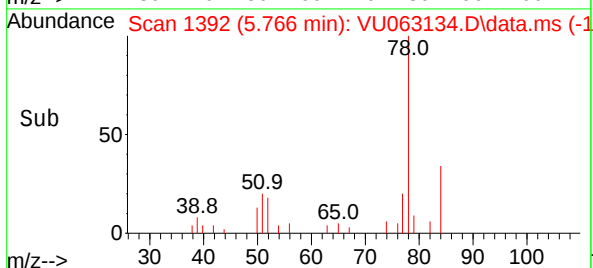
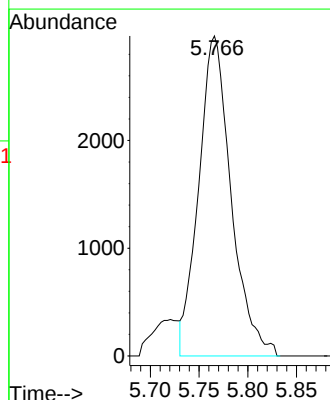
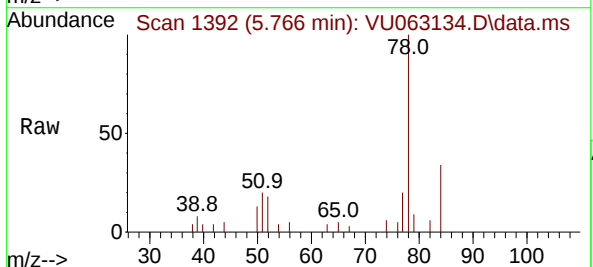
RT: 5.766 min Scan# 1392

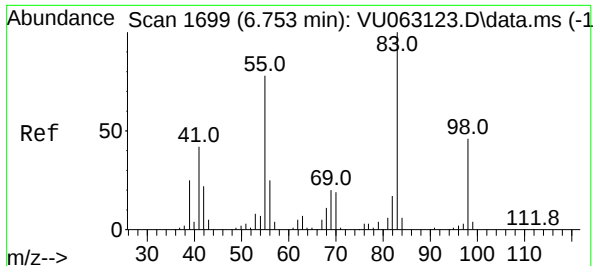
Delta R.T. 0.003 min

Lab File: VU063134.D

Acq: 04 Feb 2025 21:25

Tgt Ion: 78 Resp: 6878





#35

Methylcyclohexane

Concen: 0.080 ug/L

RT: 6.753 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063134.D

Acq: 04 Feb 2025 21:25

Instrument :

MSVOA_U

ClientSampleId :

E2984

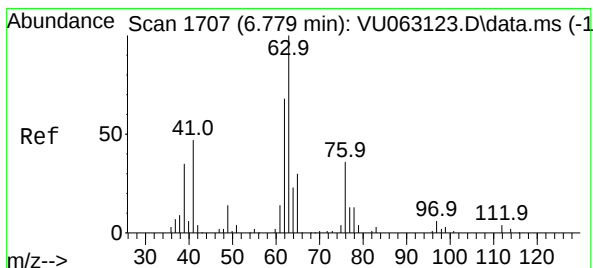
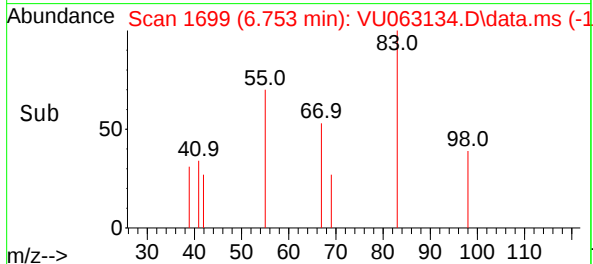
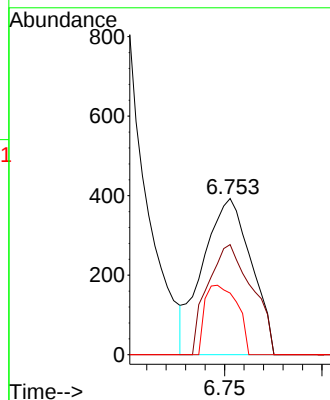
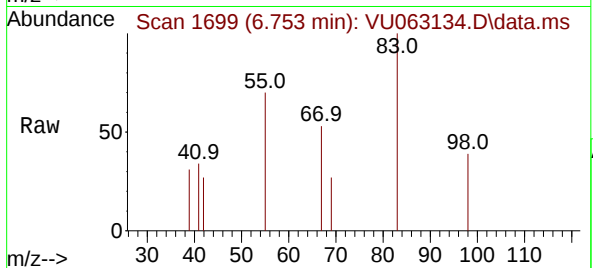
Tgt Ion: 83 Resp: 677

Ion Ratio Lower Upper

83 100

55 64.8 62.8 94.2

98 29.7 36.0 54.0#



#37

1,2-Dichloropropane

Concen: 0.540 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.097 min

Lab File: VU063134.D

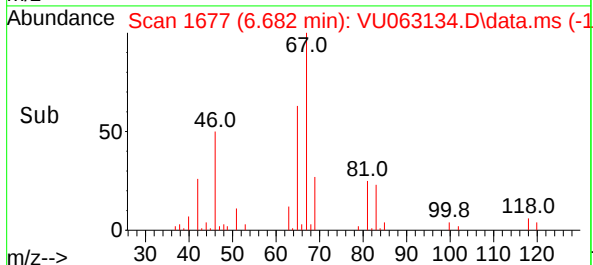
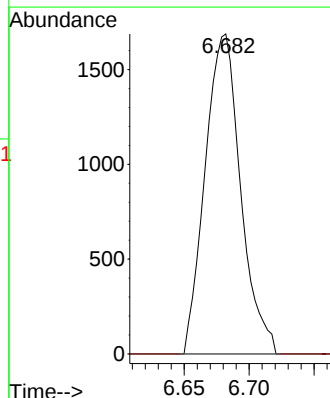
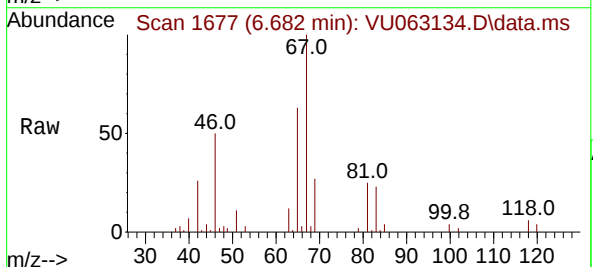
Acq: 04 Feb 2025 21:25

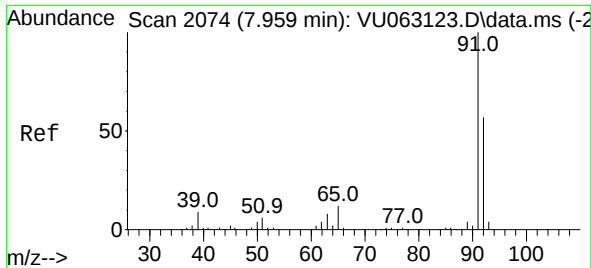
Tgt Ion: 63 Resp: 3208

Ion Ratio Lower Upper

63 100

112 0.0 2.6 4.0#





#42

Toluene

Concen: 0.257 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU063134.D

Acq: 04 Feb 2025 21:25

Instrument :

MSVOA_U

ClientSampleId :

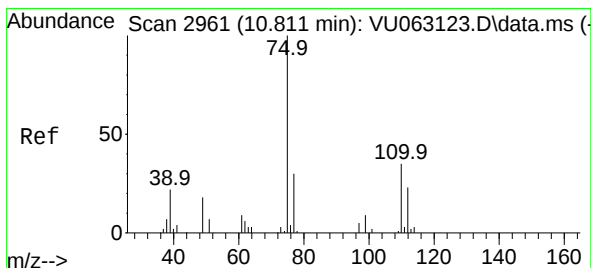
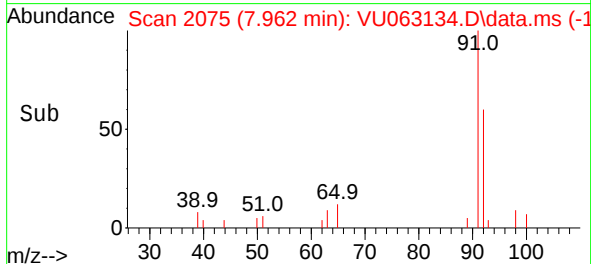
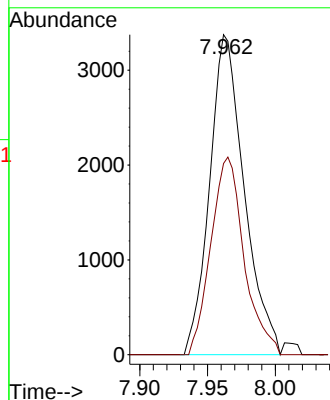
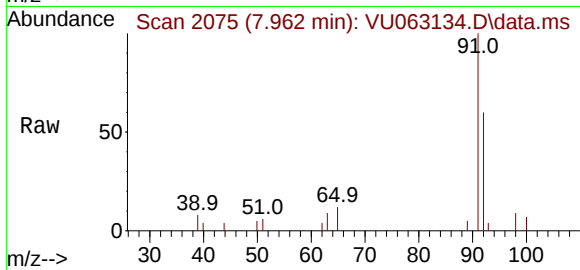
E2984

Tgt Ion: 91 Resp: 5991

Ion Ratio Lower Upper

91 100

92 59.8 39.5 73.4



#61

1,2,3-Trichloropropane

Concen: 1.034 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.993 min

Lab File: VU063134.D

Acq: 04 Feb 2025 21:25

Tgt Ion: 75 Resp: 3495

Ion Ratio Lower Upper

75 100

110 0.0 27.4 41.0#

77 31.3 26.3 39.5

