

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012025\
 Data File : VU062929.D
 Acq On : 20 Jan 2025 19:11
 Operator : MD/SY
 Sample : Q1086-04DL 2X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 21 02:44:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 21 02:39:03 2025
 Response via : Initial Calibration

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

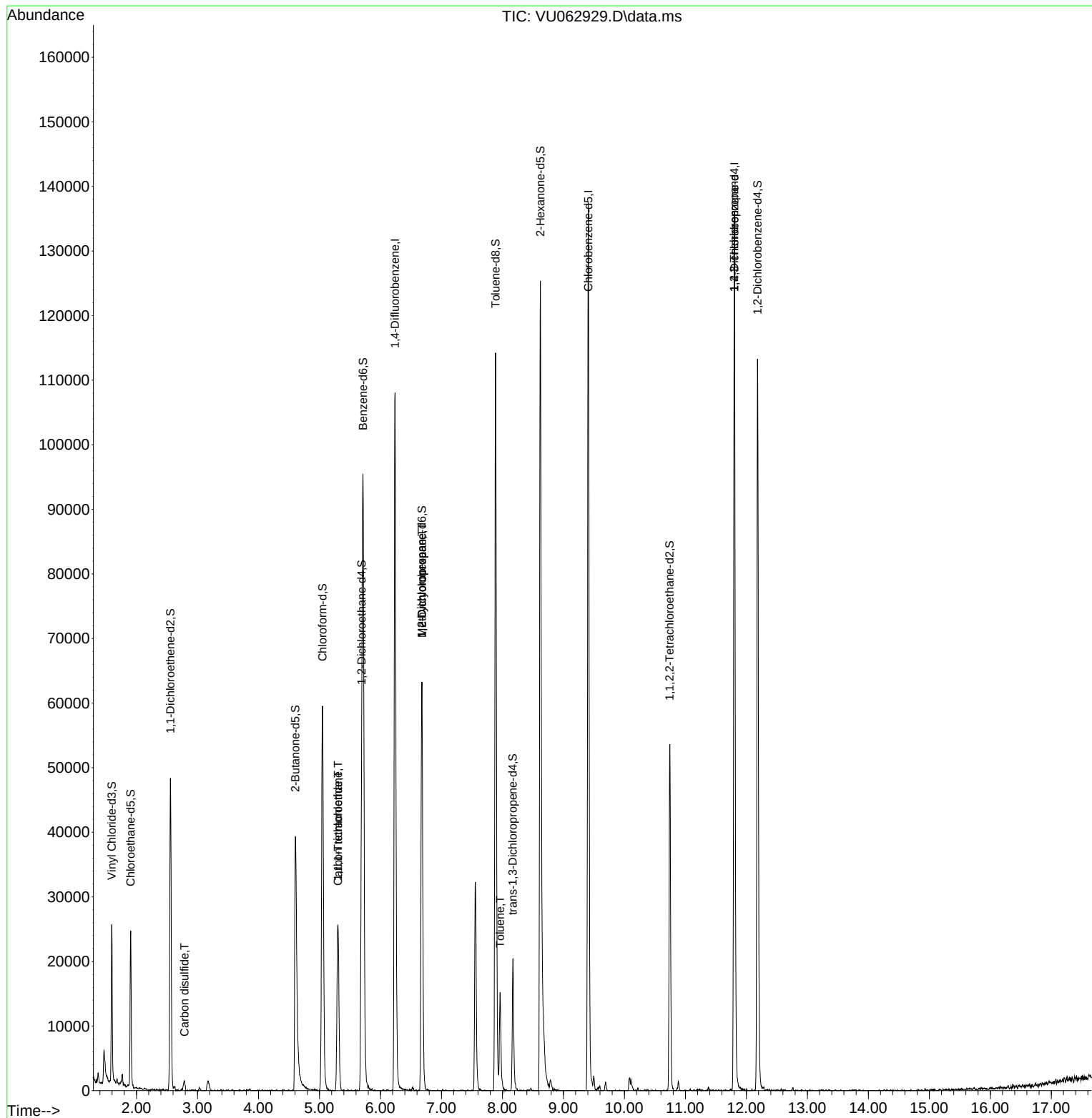
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	89297	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	76872	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	38282	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	16730	3.383	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.600%
7) Chloroethane-d5	1.904	69	17113	4.301	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.000%
11) 1,1-Dichloroethene-d2	2.557	65	9445	3.686	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.800%
20) 2-Butanone-d5	4.605	46	57985	57.366	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.740%
24) Chloroform-d	5.049	84	56814	4.669	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
26) 1,2-Dichloroethane-d4	5.692	65	34060	5.161	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.200%
32) Benzene-d6	5.714	84	89790	4.778	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
36) 1,2-Dichloropropane-d6	6.679	67	27758	5.328	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.600%
41) Toluene-d8	7.888	98	77812	4.250	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
43) trans-1,3-Dichloroprop...	8.171	79	12484	4.807	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.200%
46) 2-Hexanone-d5	8.621	63	43501	53.258	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.520%
56) 1,1,2,2-Tetrachloroeth...	10.743	84	25129	5.759	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.200%
66) 1,2-Dichlorobenzene-d4	12.183	152	31677	4.974	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.400%
Target Compounds						
					Qvalue	
14) Carbon disulfide	2.785	76	2073	0.117	ug/L #	76
29) 1,1,1-Trichloroethane	5.303	97	20861	1.789	ug/L	98
31) Carbon tetrachloride	5.306	117	2338	0.218	ug/L	99
35) Methylcyclohexane	6.679	83	7306	0.787	ug/L #	21
37) 1,2-Dichloropropane	6.679	63	3538	0.679	ug/L #	85
42) Toluene	7.962	91	11674	0.482	ug/L	94
61) 1,2,3-Trichloropropane	11.801	75	4078	1.201	ug/L #	63

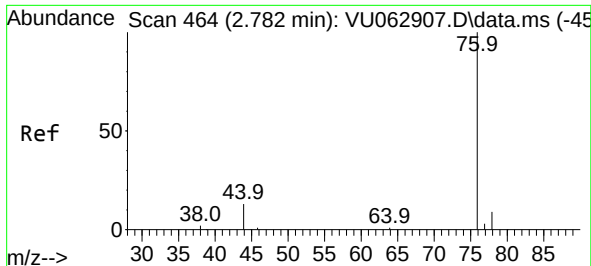
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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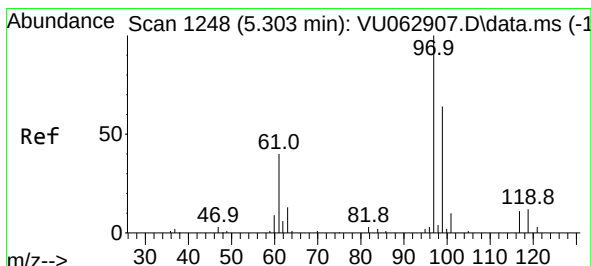
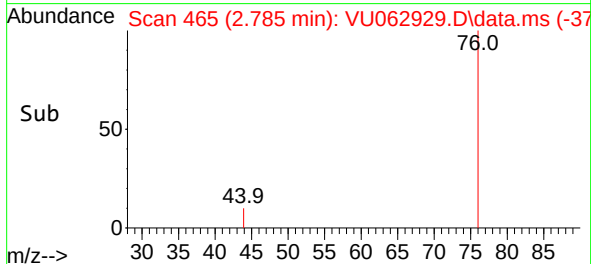
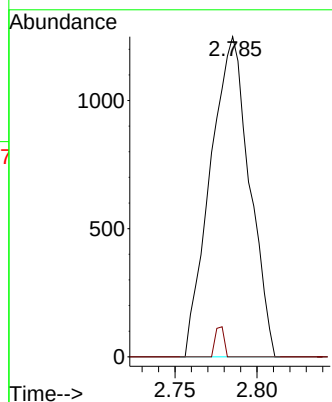
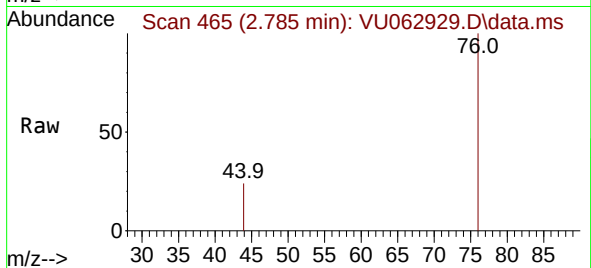




#14
Carbon disulfide
Concen: 0.117 ug/L
RT: 2.785 min Scan# 41
Delta R.T. 0.003 min
Lab File: VU062929.D
Acq: 20 Jan 2025 19:11

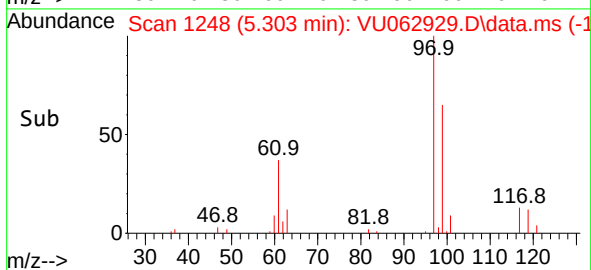
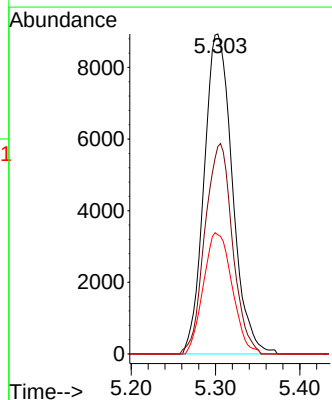
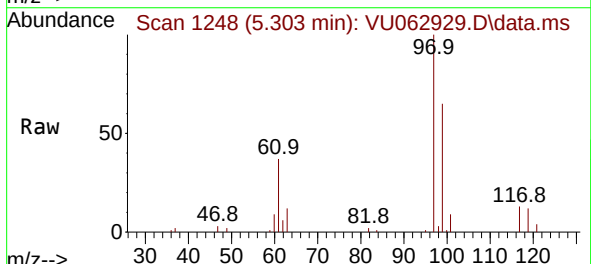
Instrument :
MSVOA_U
ClientSampleId :

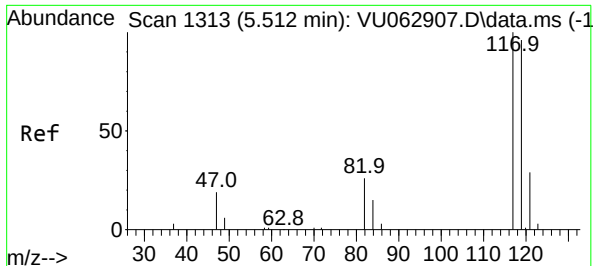
Tgt Ion: 76 Resp: 2073
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



#29
1,1,1-Trichloroethane
Concen: 1.789 ug/L
RT: 5.303 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VU062929.D
Acq: 20 Jan 2025 19:11

Tgt Ion: 97 Resp: 20861
Ion Ratio Lower Upper
97 100
99 64.1 52.4 78.6
61 38.4 32.2 48.4

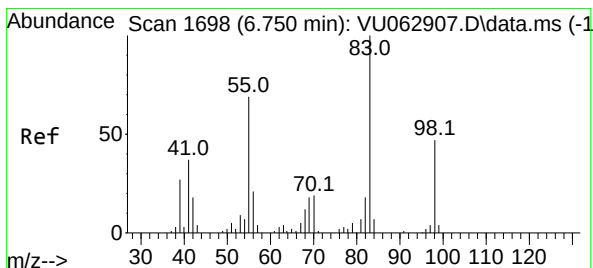
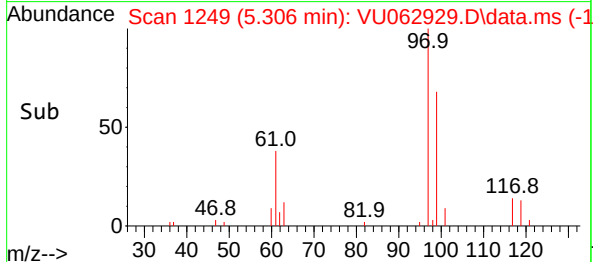
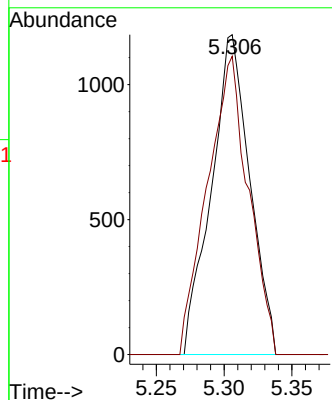
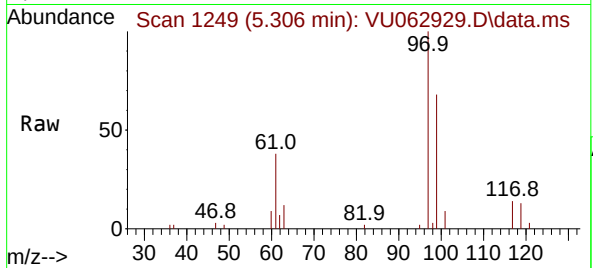




#31
Carbon tetrachloride
Concen: 0.218 ug/L
RT: 5.306 min Scan# 117
Delta R.T. -0.206 min
Lab File: VU062929.D
Acq: 20 Jan 2025 19:11

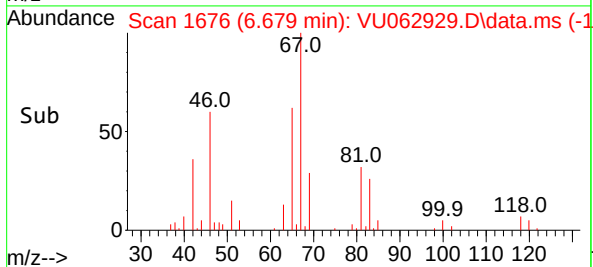
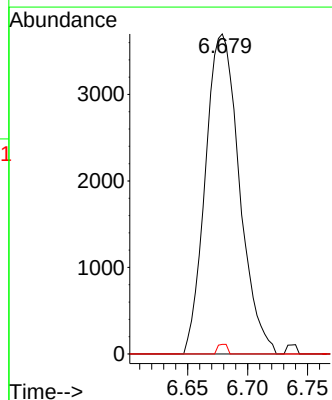
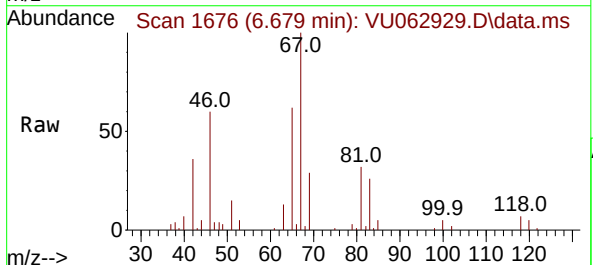
Instrument :
MSVOA_U
ClientSampleId :

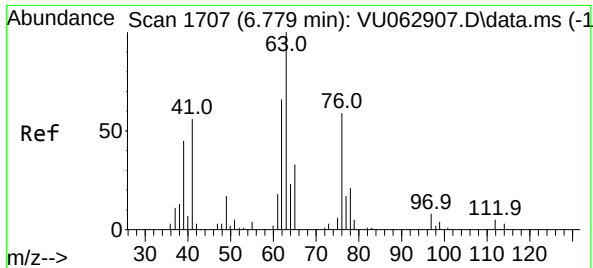
Tgt Ion:117 Resp: 2338
Ion Ratio Lower Upper
117 100
119 99.6 78.6 118.0



#35
Methylcyclohexane
Concen: 0.787 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.071 min
Lab File: VU062929.D
Acq: 20 Jan 2025 19:11

Tgt Ion: 83 Resp: 7306
Ion Ratio Lower Upper
83 100
55 0.0 57.2 85.8#
98 0.9 36.6 55.0#





#37

1,2-Dichloropropane

Concen: 0.679 ug/L

RT: 6.679 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU062929.D

Acq: 20 Jan 2025 19:11

Instrument :

MSVOA_U

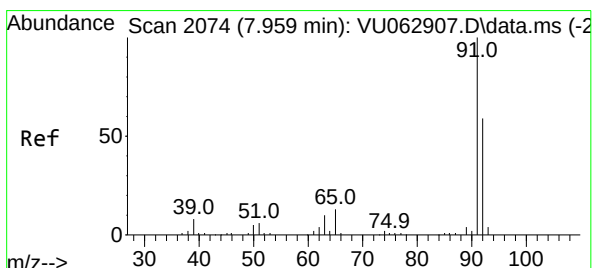
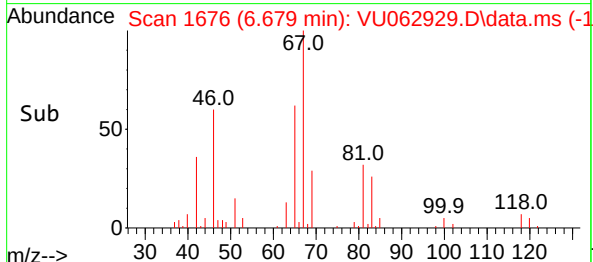
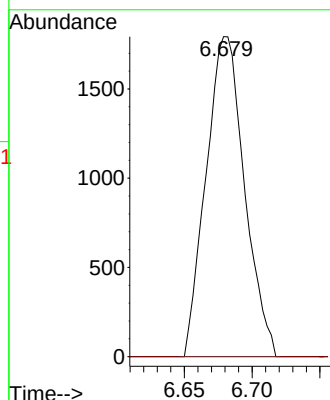
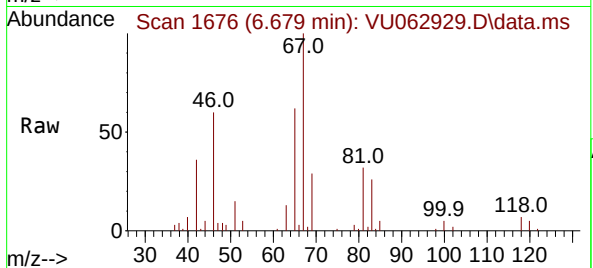
ClientSampleId :

Tgt Ion: 63 Resp: 3538

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#42

Toluene

Concen: 0.482 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU062929.D

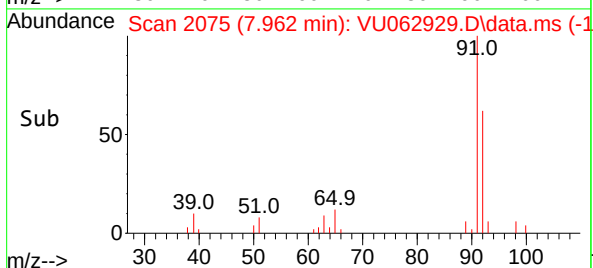
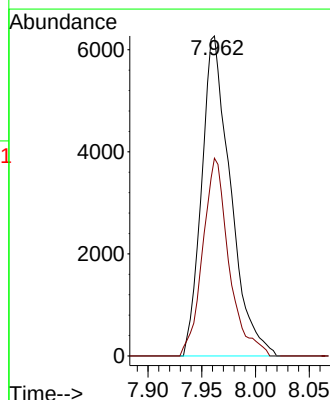
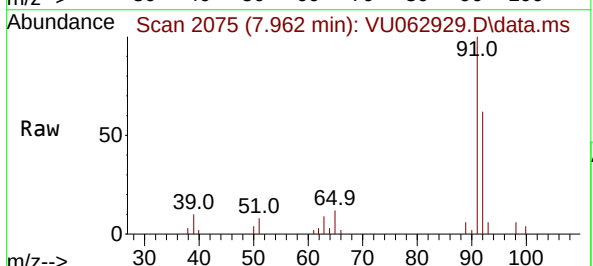
Acq: 20 Jan 2025 19:11

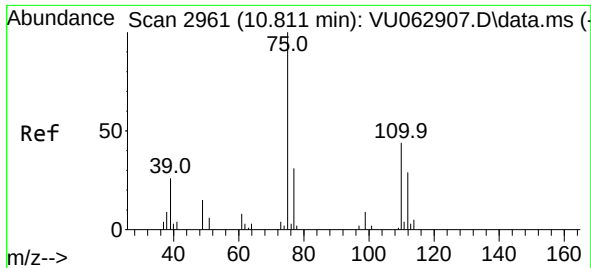
Tgt Ion: 91 Resp: 11674

Ion Ratio Lower Upper

91 100

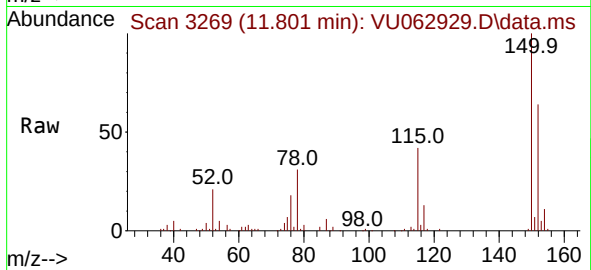
92 61.8 40.4 75.0





#61
 1,2,3-Trichloropropane
 Concen: 1.201 ug/L
 RT: 11.801 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU062929.D
 Acq: 20 Jan 2025 19:11

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 4078
 Ion Ratio Lower Upper
 75 100
 110 1.1 33.2 49.8#
 77 33.7 25.9 38.9

