

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012125\
 Data File : VU062941.D
 Acq On : 21 Jan 2025 14:57
 Operator : MD/SY
 Sample : Q1086-09
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 22 02:23:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 22 02:20:07 2025
 Response via : Initial Calibration

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

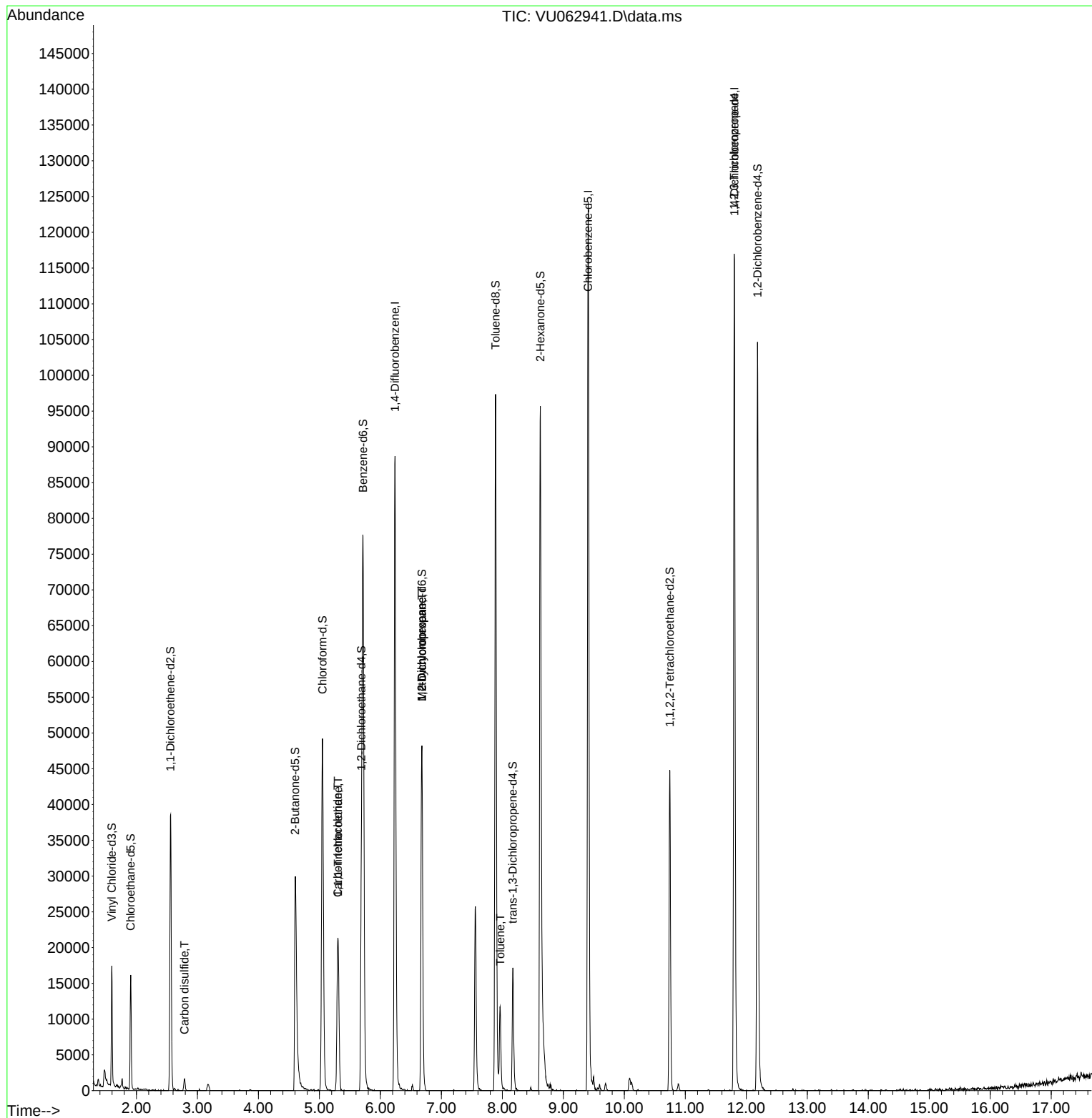
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	75182	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.406	117	72237	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	35530	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	11177	2.684	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	53.600%
7) Chloroethane-d5	1.904	69	11068	3.304	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	66.000%
11) 1,1-Dichloroethene-d2	2.557	65	6964	3.228	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.600%
20) 2-Butanone-d5	4.602	46	40886	48.044	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.080%
24) Chloroform-d	5.049	84	47435	4.630	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
26) 1,2-Dichloroethane-d4	5.689	65	29343	5.281	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.600%
32) Benzene-d6	5.714	84	69929	3.960	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.200%
36) 1,2-Dichloropropane-d6	6.679	67	19614	4.006	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.200%
41) Toluene-d8	7.888	98	65548	3.810	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.200%
43) trans-1,3-Dichloroprop...	8.171	79	10456	4.284	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.600%
46) 2-Hexanone-d5	8.621	63	33165	43.209	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.420%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	20095	4.901	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.000%
66) 1,2-Dichlorobenzene-d4	12.184	152	30711	5.195	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.000%
Target Compounds						
					Qvalue	
14) Carbon disulfide	2.788	76	2275	0.153	ug/L	97
29) 1,1,1-Trichloroethane	5.306	97	17561	1.603	ug/L	98
31) Carbon tetrachloride	5.300	117	2040	0.203	ug/L	93
35) Methylcyclohexane	6.679	83	6322	0.725	ug/L #	21
37) 1,2-Dichloropropane	6.679	63	2918	0.596	ug/L #	85
42) Toluene	7.965	91	9311	0.409	ug/L	93
61) 1,2,3-Trichloropropane	11.801	75	3144	0.998	ug/L #	61

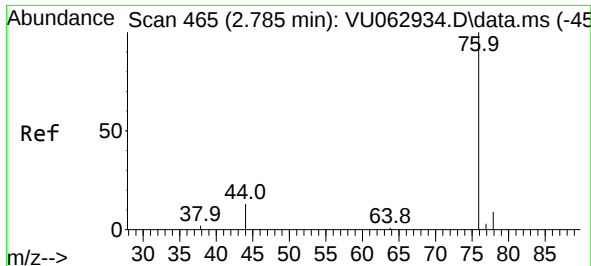
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 11 Sample Multiplier: 1

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 22 02:20:07 2025
Response via : Initial Calibration

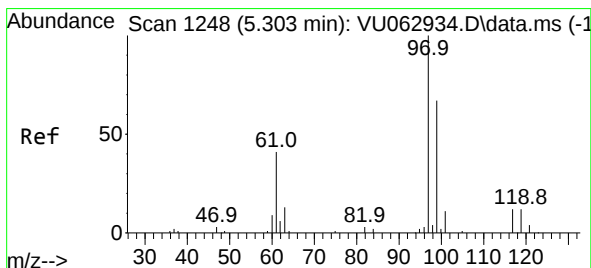
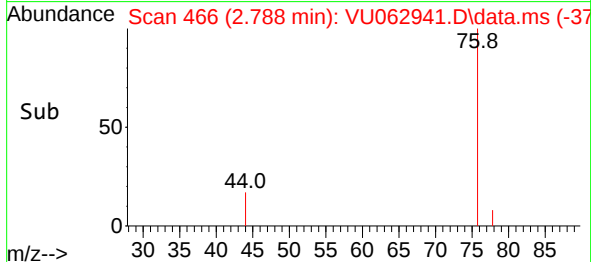
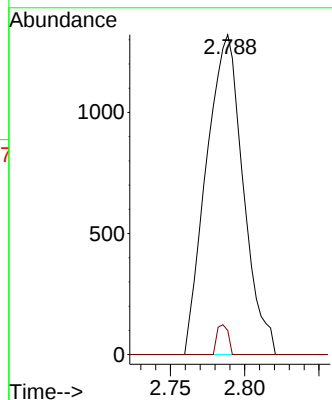
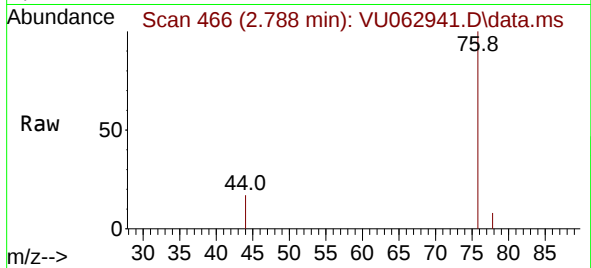




#14
Carbon disulfide
Concen: 0.153 ug/L
RT: 2.788 min Scan# 41
Delta R.T. 0.003 min
Lab File: VU062941.D
Acq: 21 Jan 2025 14:57

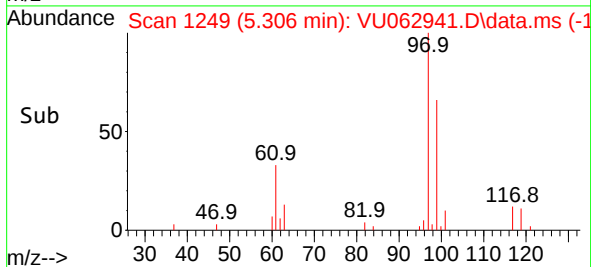
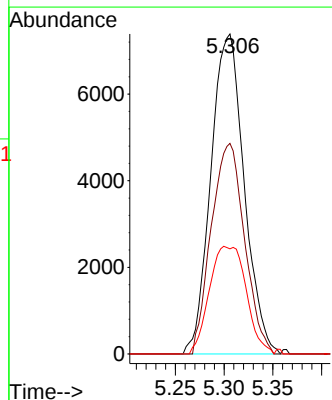
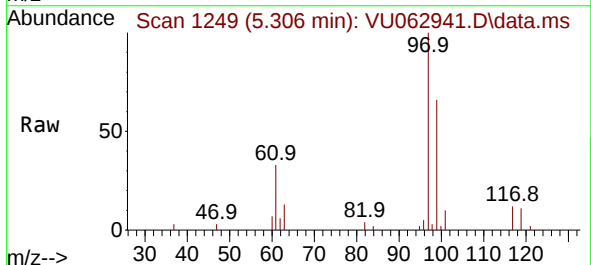
Instrument :
MSVOA_U
ClientSampleId :

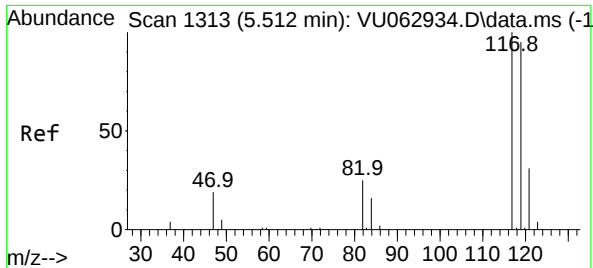
Tgt Ion: 76 Resp: 2275
Ion Ratio Lower Upper
76 100
78 7.6 7.0 10.6



#29
1,1,1-Trichloroethane
Concen: 1.603 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.003 min
Lab File: VU062941.D
Acq: 21 Jan 2025 14:57

Tgt Ion: 97 Resp: 17561
Ion Ratio Lower Upper
97 100
99 65.7 52.4 78.6
61 37.1 32.2 48.4

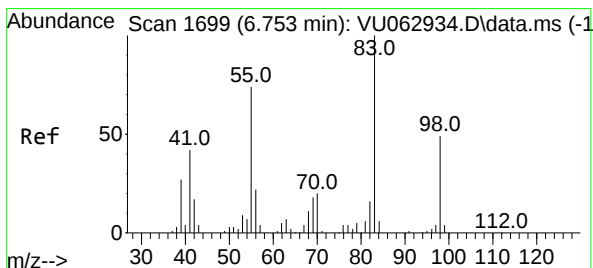
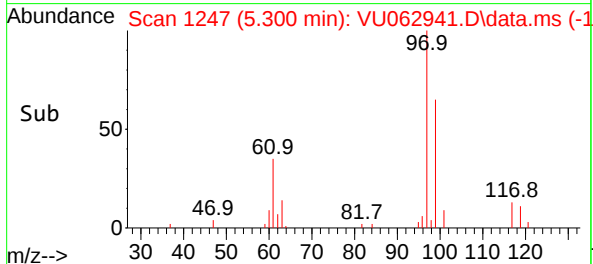
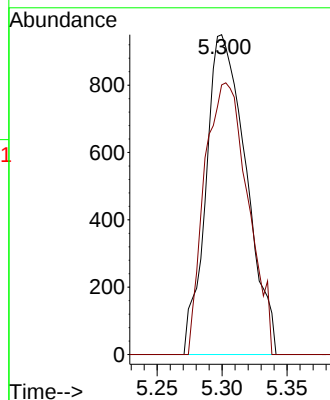
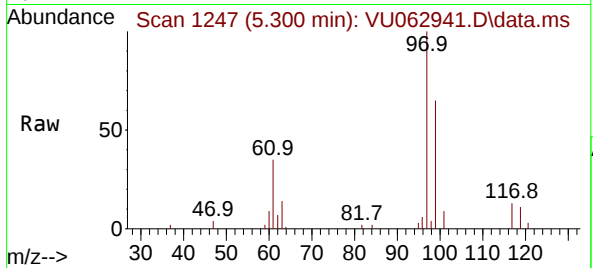




#31
Carbon tetrachloride
Concen: 0.203 ug/L
RT: 5.300 min Scan# 11
Delta R.T. -0.212 min
Lab File: VU062941.D
Acq: 21 Jan 2025 14:57

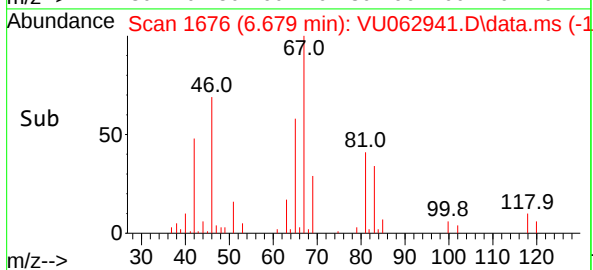
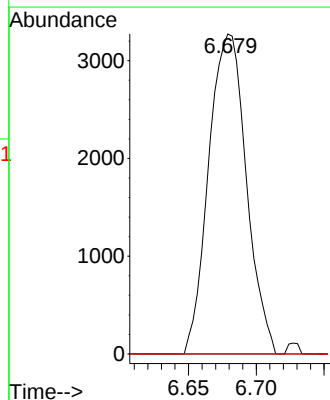
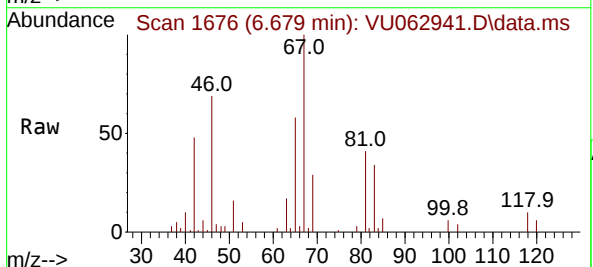
Instrument :
MSVOA_U
ClientSampleId :

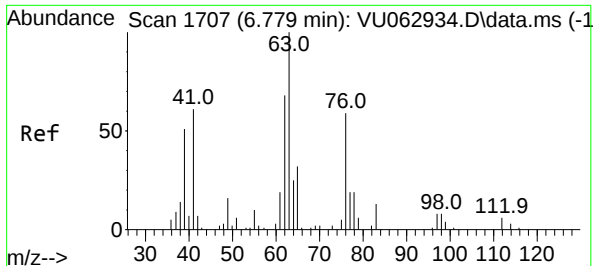
Tgt Ion:117 Resp: 2040
Ion Ratio Lower Upper
117 100
119 91.5 78.6 118.0



#35
Methylcyclohexane
Concen: 0.725 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.074 min
Lab File: VU062941.D
Acq: 21 Jan 2025 14:57

Tgt Ion: 83 Resp: 6322
Ion Ratio Lower Upper
83 100
55 0.0 57.2 85.8#
98 1.4 36.6 55.0#

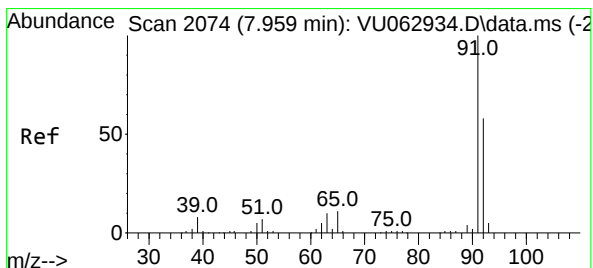
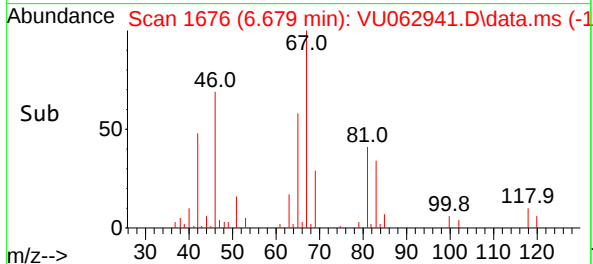
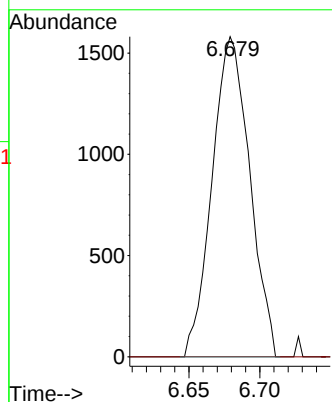
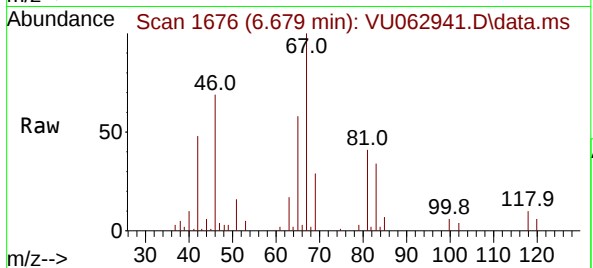




#37
1,2-Dichloropropane
Concen: 0.596 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU062941.D
Acq: 21 Jan 2025 14:57

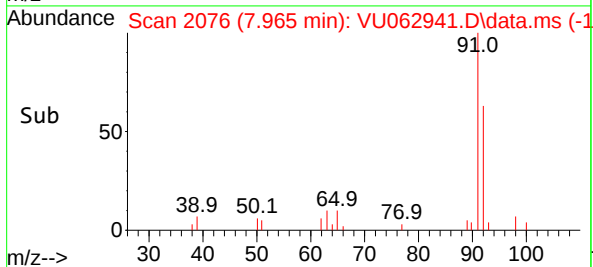
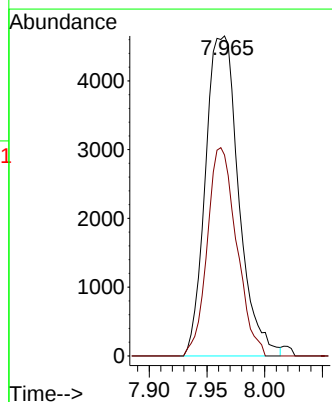
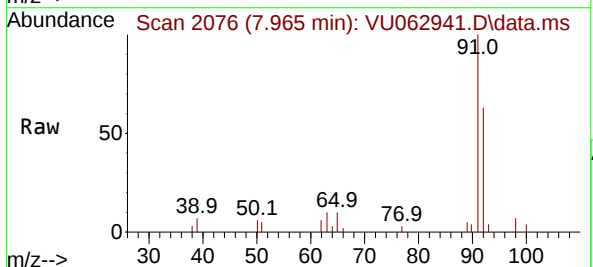
Instrument :
MSVOA_U
ClientSampleId :

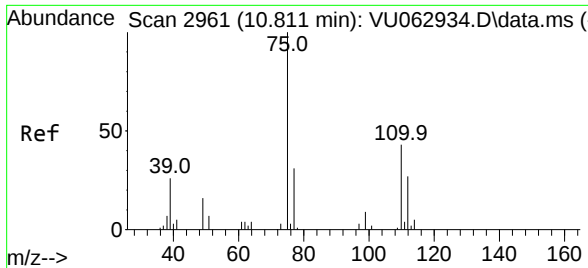
Tgt Ion: 63 Resp: 2918
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#



#42
Toluene
Concen: 0.409 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.006 min
Lab File: VU062941.D
Acq: 21 Jan 2025 14:57

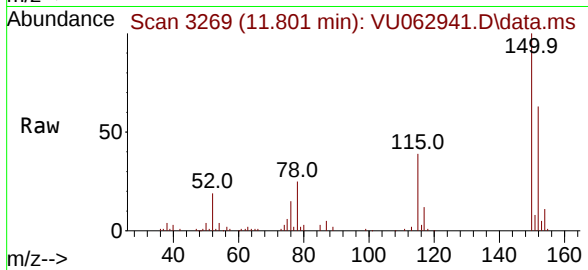
Tgt Ion: 91 Resp: 9311
Ion Ratio Lower Upper
91 100
92 62.8 40.4 75.0





#61
 1,2,3-Trichloropropane
 Concen: 0.998 ug/L
 RT: 11.801 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU062941.D
 Acq: 21 Jan 2025 14:57

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
110	0.0	33.2	49.8#
77	35.1	25.9	38.9

