

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011425\
 Data File : VU062738.D
 Acq On : 14 Jan 2025 12:54
 Operator : MD/SY
 Sample : Q1057-01
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 15 00:33:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 15 00:31:11 2025
 Response via : Initial Calibration

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

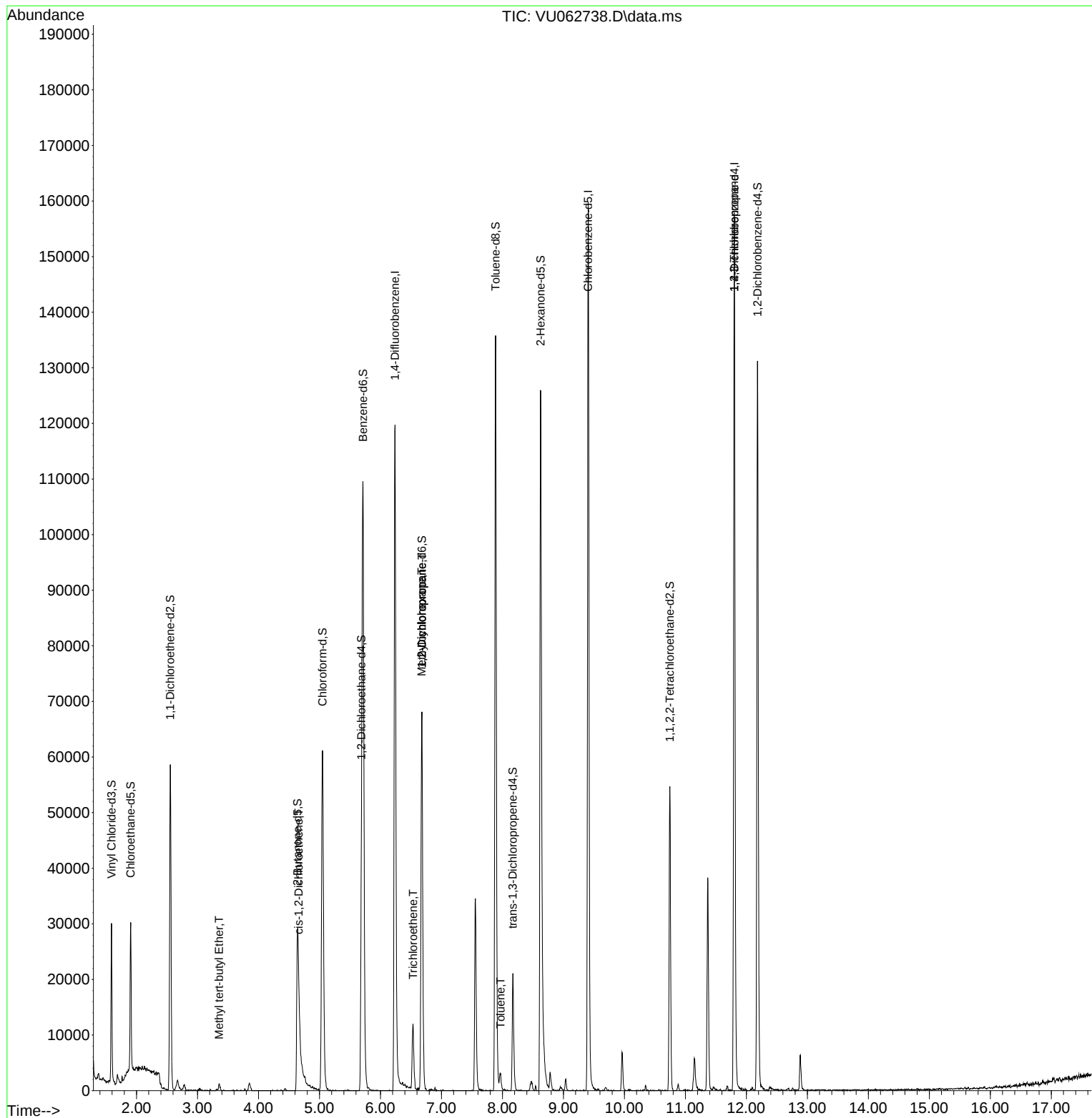
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	97870	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.405	117	90251	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	43284	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.589	65	18597	3.431	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.600%
7) Chloroethane-d5	1.904	69	18272	4.190	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.800%
11) 1,1-Dichloroethene-d2	2.554	65	11186	3.984	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.600%
20) 2-Butanone-d5	4.640	46	51897	46.846	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.700%
24) Chloroform-d	5.049	84	59948	4.495	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
26) 1,2-Dichloroethane-d4	5.689	65	34668	4.793	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
32) Benzene-d6	5.714	84	102034	4.625	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
36) 1,2-Dichloropropane-d6	6.679	67	29810	4.874	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.888	98	93758	4.362	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
43) trans-1,3-Dichloroprop...	8.171	79	13227	4.338	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.800%
46) 2-Hexanone-d5	8.624	63	45944	47.911	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.820%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	25550	4.988	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.800%
66) 1,2-Dichlorobenzene-d4	12.183	152	37658	5.229	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.600%
Target Compounds						
					Qvalue	
17) Methyl tert-butyl Ether	3.354	73	1550	0.093	ug/L #	80
22) cis-1,2-Dichloroethene	4.660	96	1762	0.249	ug/L	93
34) Trichloroethene	6.534	95	4185	0.472	ug/L	84
35) Methylcyclohexane	6.676	83	8367	0.768	ug/L #	21
37) 1,2-Dichloropropane	6.679	63	3774	0.617	ug/L #	85
42) Toluene	7.968	91	2668	0.094	ug/L	94
61) 1,2,3-Trichloropropane	11.801	75	4486	1.168	ug/L #	58

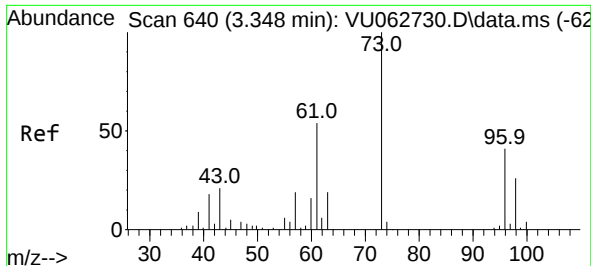
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jan 15 00:31:11 2025
Response via : Initial Calibration





#17

Methyl tert-butyl Ether

Concen: 0.093 ug/L

RT: 3.354 min Scan# 64

Delta R.T. 0.006 min

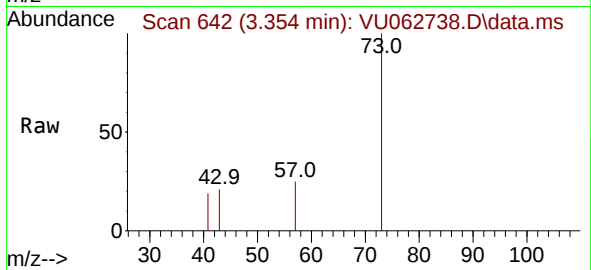
Lab File: VU062738.D

Acq: 14 Jan 2025 12:54

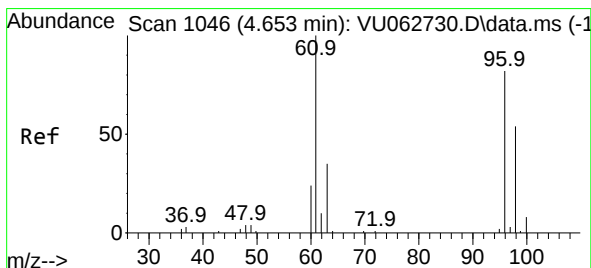
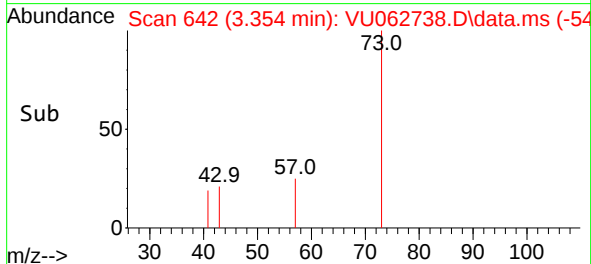
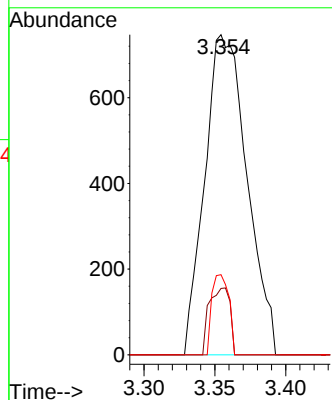
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 73	Resp: 1550
Ion Ratio	Lower Upper
73	100
43	10.3 16.2 24.4#
57	10.1 14.6 22.0#



#22

cis-1,2-Dichloroethene

Concen: 0.249 ug/L

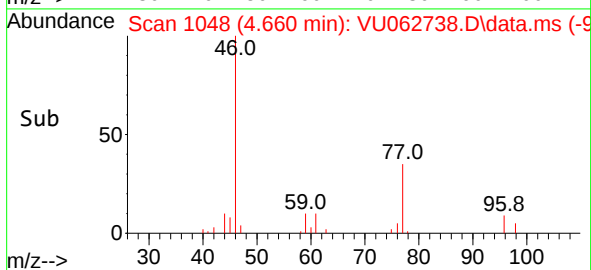
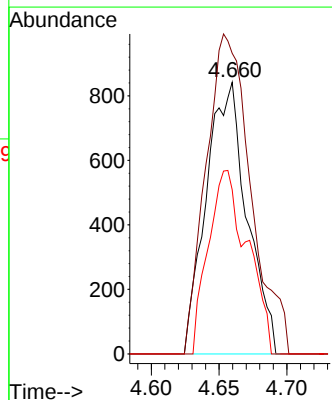
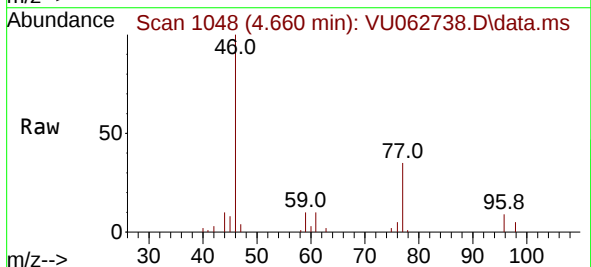
RT: 4.660 min Scan# 1048

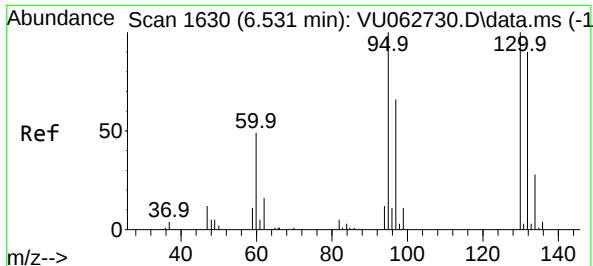
Delta R.T. 0.006 min

Lab File: VU062738.D

Acq: 14 Jan 2025 12:54

Tgt Ion: 96	Resp: 1762
Ion Ratio	Lower Upper
96	100
61	110.7 84.8 157.6
98	60.5 43.1 80.1





#34

Trichloroethene

Concen: 0.472 ug/L

RT: 6.534 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU062738.D

Acq: 14 Jan 2025 12:54

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 4185

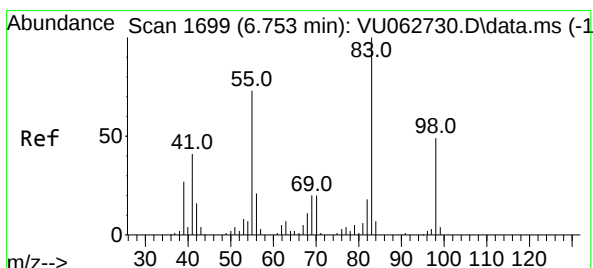
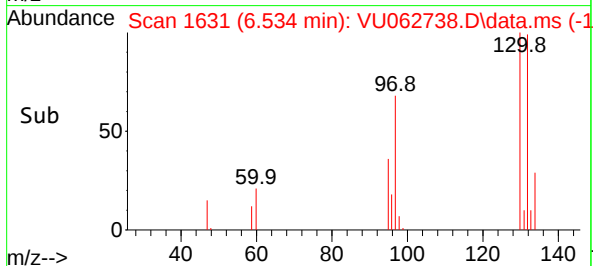
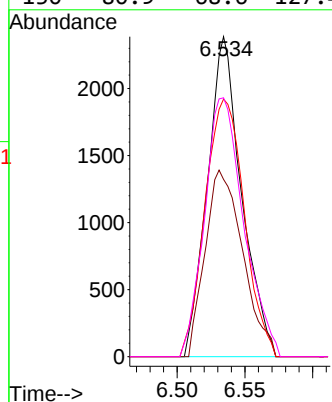
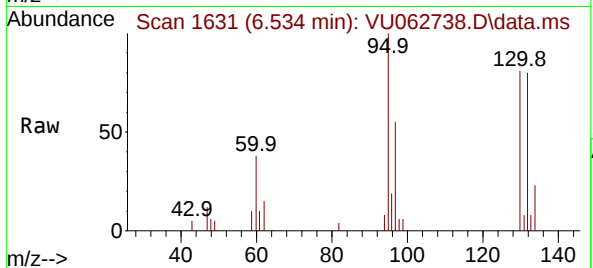
Ion Ratio Lower Upper

95 100

97 55.4 47.5 88.3

132 80.5 66.9 124.3

130 80.9 68.6 127.4



#35

Methylcyclohexane

Concen: 0.768 ug/L

RT: 6.676 min Scan# 1675

Delta R.T. -0.077 min

Lab File: VU062738.D

Acq: 14 Jan 2025 12:54

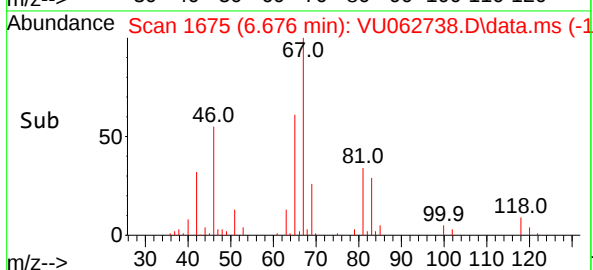
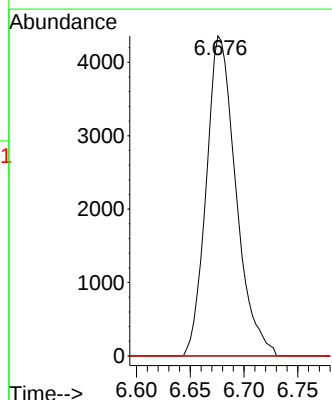
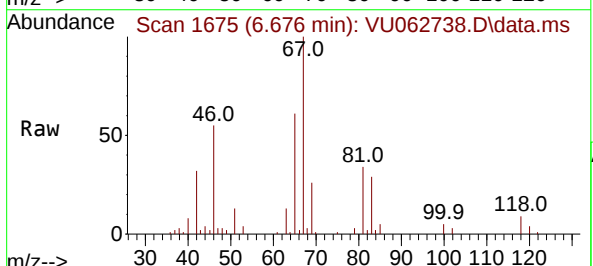
Tgt Ion: 83 Resp: 8367

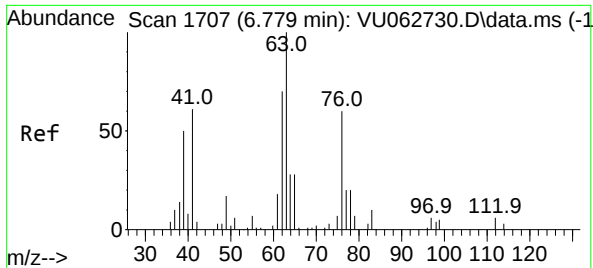
Ion Ratio Lower Upper

83 100

55 0.0 57.2 85.8#

98 1.3 36.6 55.0#





#37

1,2-Dichloropropane

Concen: 0.617 ug/L

RT: 6.679 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU062738.D

Acq: 14 Jan 2025 12:54

Instrument :

MSVOA_U

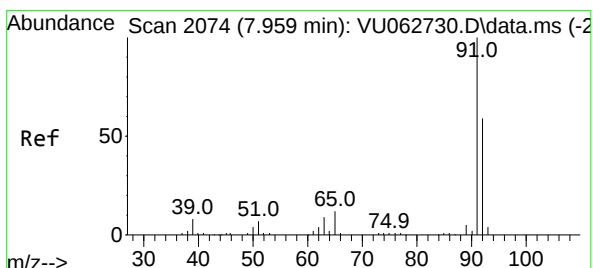
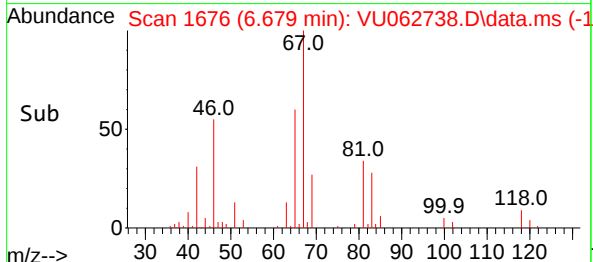
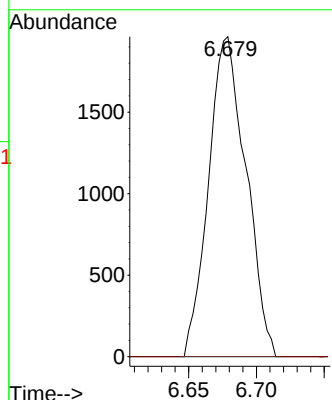
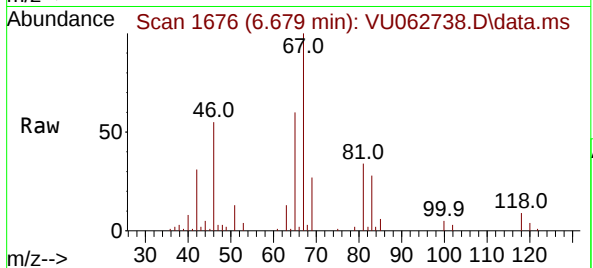
ClientSampleId :

Tgt Ion: 63 Resp: 3774

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#42

Toluene

Concen: 0.094 ug/L

RT: 7.968 min Scan# 2077

Delta R.T. 0.010 min

Lab File: VU062738.D

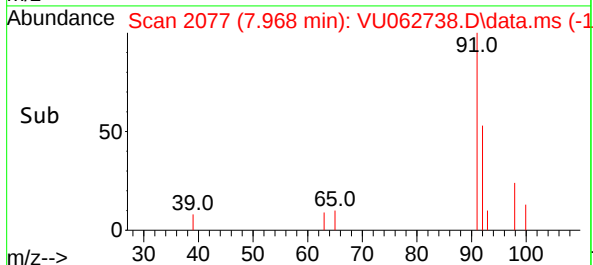
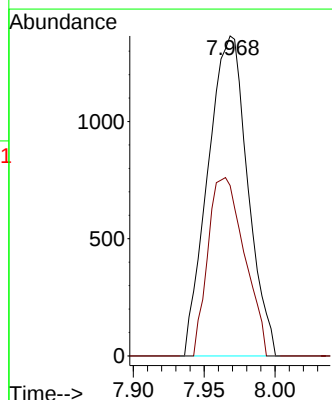
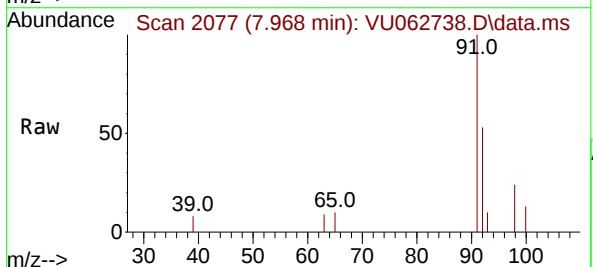
Acq: 14 Jan 2025 12:54

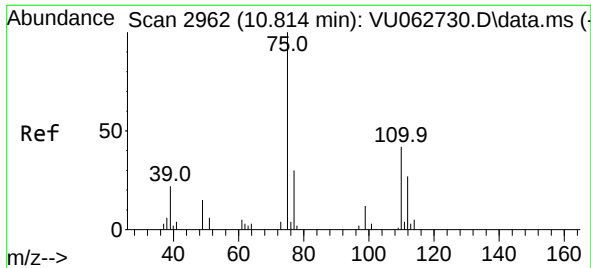
Tgt Ion: 91 Resp: 2668

Ion Ratio Lower Upper

91 100

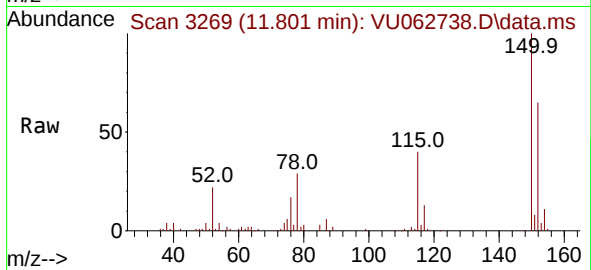
92 53.3 40.4 75.0





#61
 1,2,3-Trichloropropane
 Concen: 1.168 ug/L
 RT: 11.801 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU062738.D
 Acq: 14 Jan 2025 12:54

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 4486
 Ion Ratio Lower Upper
 75 100
 110 3.5 33.2 49.8#
 77 42.2 25.9 38.9#

