

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110824\
 Data File : VU061541.D
 Acq On : 08 Nov 2024 11:59
 Operator : MD/SY
 Sample : P4743-02
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 09 00:18:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 09 00:17:10 2024
 Response via : Initial Calibration

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

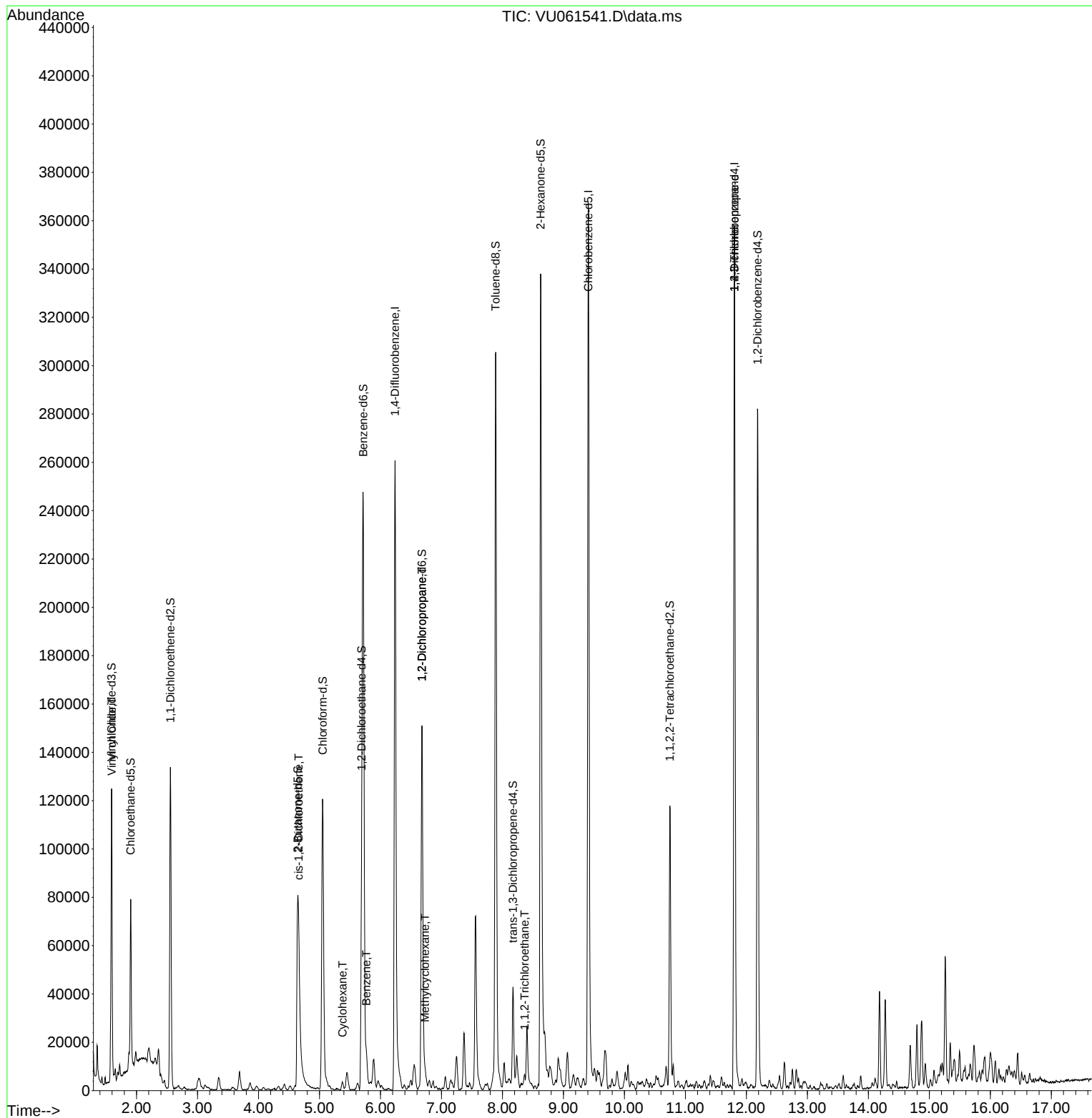
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	220979	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	212101	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	95637	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.589	65	55075	3.669	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.400%
7) Chloroethane-d5	1.904	69	49610	3.605	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.000%
11) 1,1-Dichloroethene-d2	2.557	65	25522	3.974	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.400%
20) 2-Butanone-d5	4.644	46	138758	45.529	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.060%
24) Chloroform-d	5.052	84	114567	4.021	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.400%
26) 1,2-Dichloroethane-d4	5.692	65	60265	4.243	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.800%
32) Benzene-d6	5.718	84	238090	3.984	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.600%
36) 1,2-Dichloropropane-d6	6.679	67	75196	4.185	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.800%
41) Toluene-d8	7.888	98	210565	3.768	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.400%
43) trans-1,3-Dichloroprop...	8.174	79	23916	3.261	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.200%
46) 2-Hexanone-d5	8.627	63	126700	42.177	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.360%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	58590	4.312	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.200%
66) 1,2-Dichlorobenzene-d4	12.184	152	72153	4.260	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.200%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.596	62	22135	1.296	ug/L	95
22) cis-1,2-Dichloroethene	4.660	96	7517	0.456	ug/L	92
30) Cyclohexane	5.377	56	1725	0.066	ug/L #	85
33) Benzene	5.769	78	11172	0.170	ug/L	100
35) Methylcyclohexane	6.730	83	2457	0.087	ug/L #	47
37) 1,2-Dichloropropane	6.679	63	7811	0.470	ug/L #	95
45) 1,1,2-Trichloroethane	8.364	97	2150	0.180	ug/L #	20
61) 1,2,3-Trichloropropane	11.804	75	12227	1.283	ug/L #	69

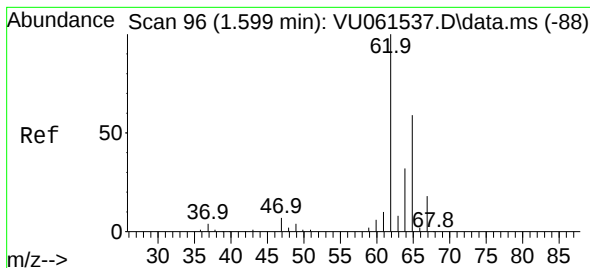
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.296 ug/L

RT: 1.596 min Scan# 96

Delta R.T. -0.003 min

Lab File: VU061541.D

Acq: 08 Nov 2024 11:59

Instrument :

MSVOA_U

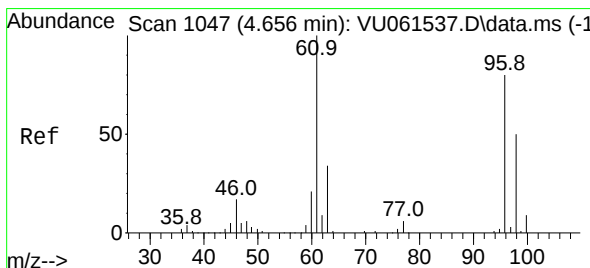
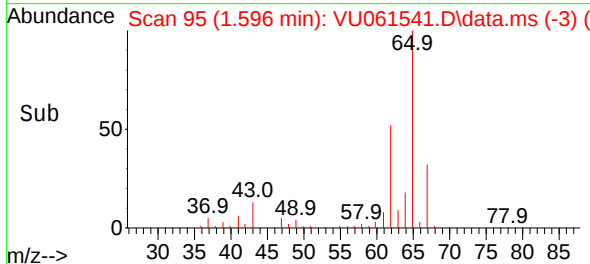
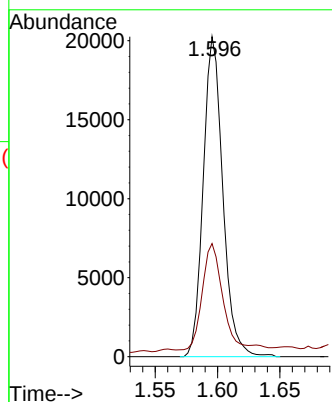
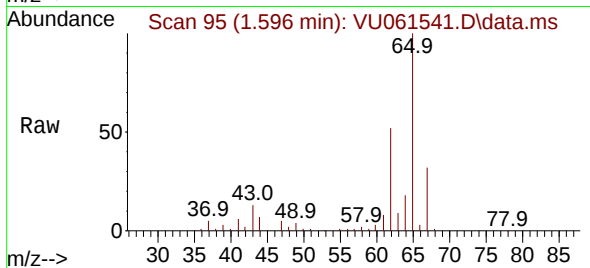
ClientSampleId :

Tgt Ion: 62 Resp: 22135

Ion Ratio Lower Upper

62 100

64 35.3 22.6 42.0



#22

cis-1,2-Dichloroethene

Concen: 0.456 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. 0.003 min

Lab File: VU061541.D

Acq: 08 Nov 2024 11:59

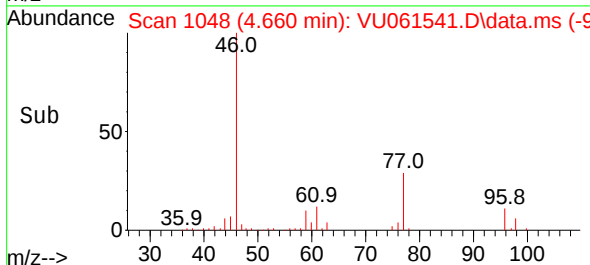
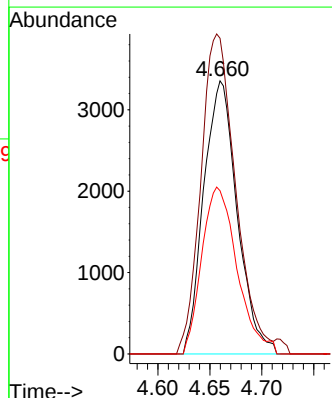
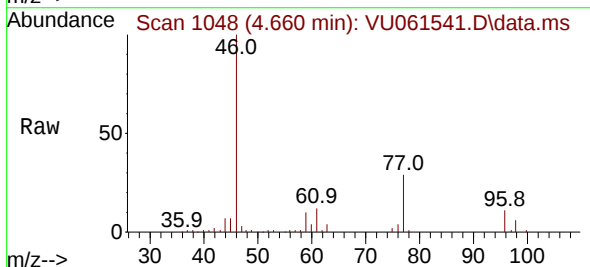
Tgt Ion: 96 Resp: 7517

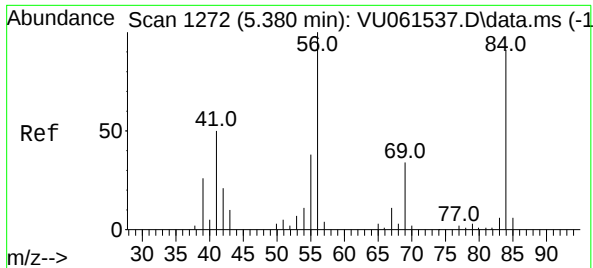
Ion Ratio Lower Upper

96 100

61 115.5 88.1 163.5

98 59.7 45.0 83.6





#30

Cyclohexane

Concen: 0.066 ug/L

RT: 5.377 min Scan# 1271

Delta R.T. -0.003 min

Lab File: VU061541.D

Acq: 08 Nov 2024 11:59

Instrument :

MSVOA_U

ClientSampleId :

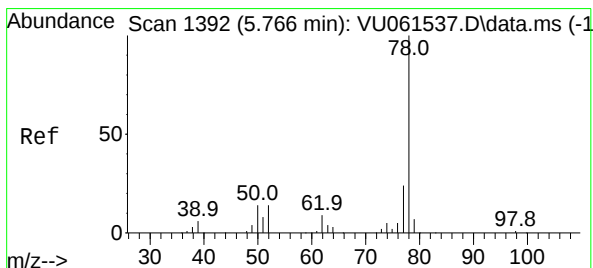
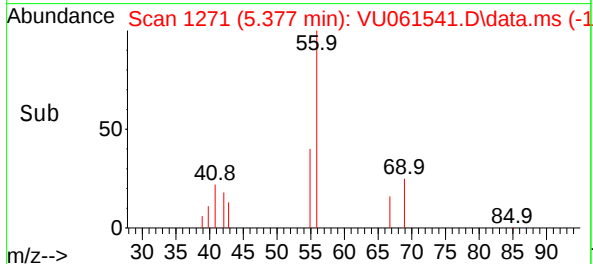
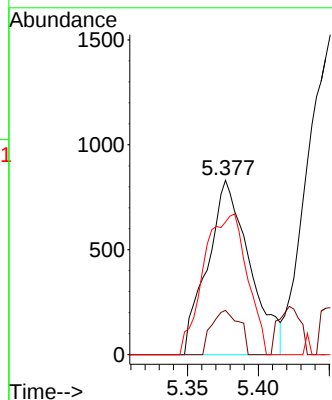
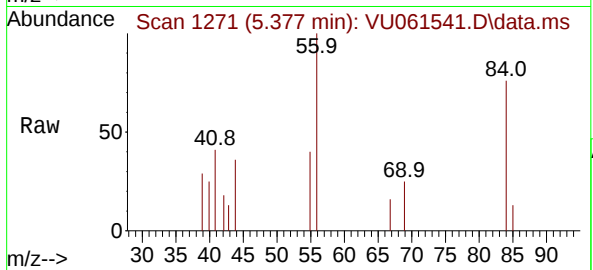
Tgt Ion: 56 Resp: 1725

Ion Ratio Lower Upper

56 100

69 16.8 25.8 38.6#

84 82.7 73.9 110.9



#33

Benzene

Concen: 0.170 ug/L

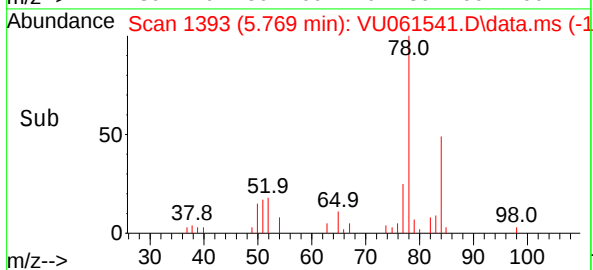
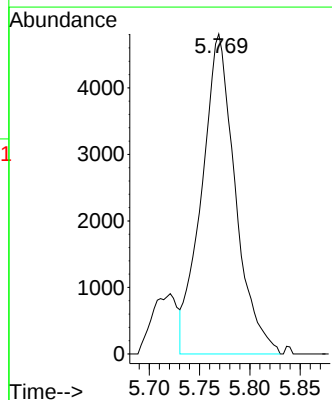
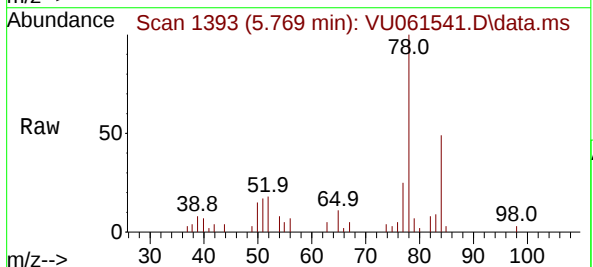
RT: 5.769 min Scan# 1393

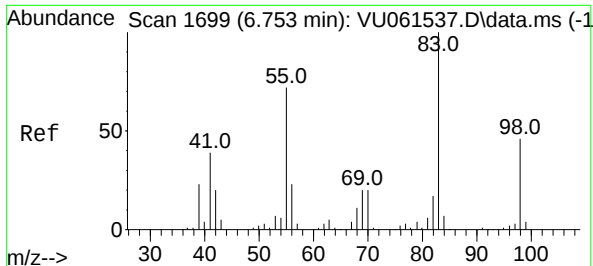
Delta R.T. 0.003 min

Lab File: VU061541.D

Acq: 08 Nov 2024 11:59

Tgt Ion: 78 Resp: 11172





#35

Methylcyclohexane

Concen: 0.087 ug/L

RT: 6.730 min Scan# 1

Delta R.T. -0.022 min

Lab File: VU061541.D

Acq: 08 Nov 2024 11:59

Instrument :

MSVOA_U

ClientSampleId :

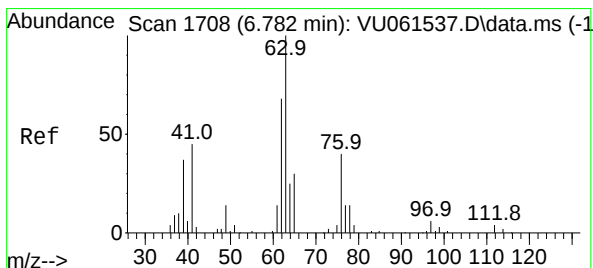
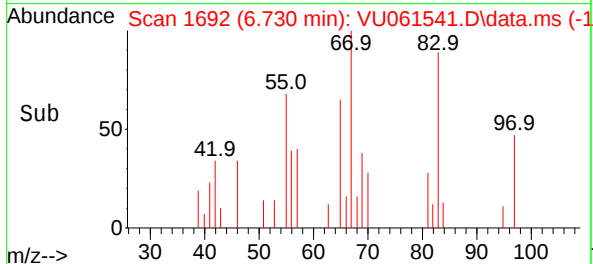
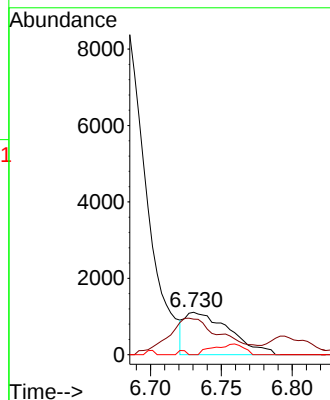
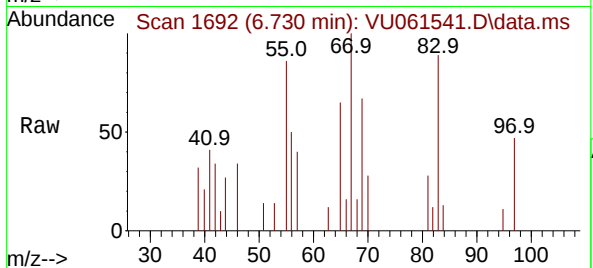
Tgt Ion: 83 Resp: 2457

Ion Ratio Lower Upper

83 100

55 107.1 55.9 83.9#

98 1.7 35.9 53.9#



#37

1,2-Dichloropropane

Concen: 0.470 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.103 min

Lab File: VU061541.D

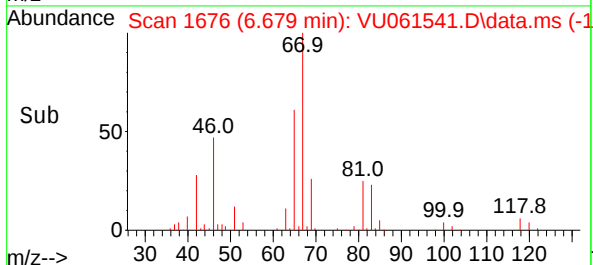
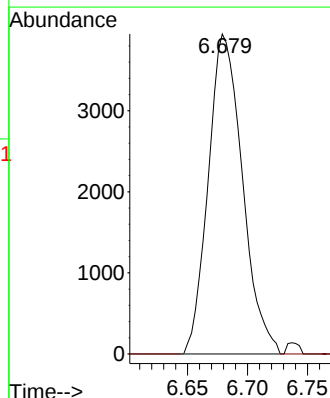
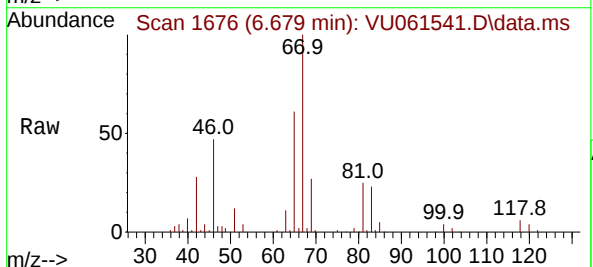
Acq: 08 Nov 2024 11:59

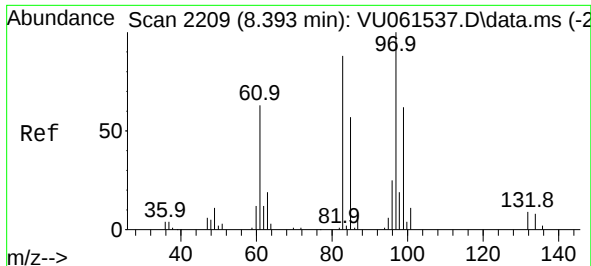
Tgt Ion: 63 Resp: 7811

Ion Ratio Lower Upper

63 100

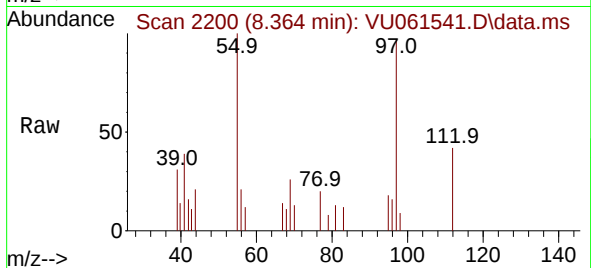
112 2.1 3.0 4.4#



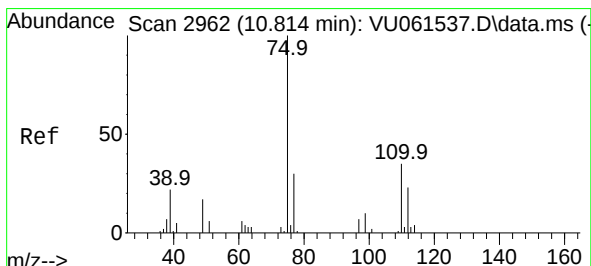
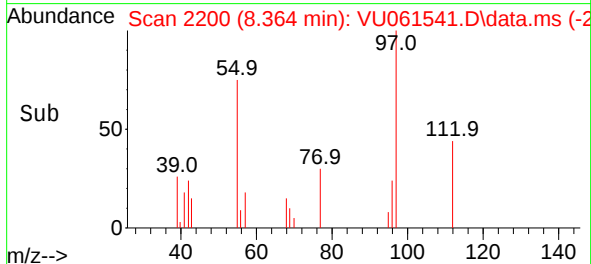
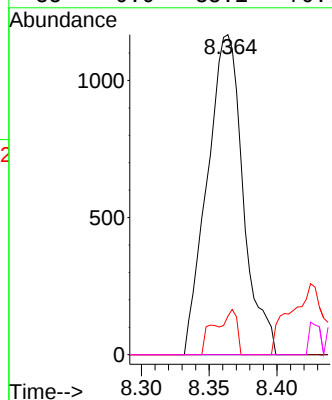


#45
 1,1,2-Trichloroethane
 Concen: 0.180 ug/L
 RT: 8.364 min Scan# 2150
 Delta R.T. -0.029 min
 Lab File: VU061541.D
 Acq: 08 Nov 2024 11:59

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	97	Resp:	2150
Ion	Ratio	Lower	Upper
97	100		
99	0.0	44.1	81.9#
83	12.0	61.2	113.6#
85	0.0	38.1	70.7#



#61
 1,2,3-Trichloropropane
 Concen: 1.283 ug/L
 RT: 11.804 min Scan# 3270
 Delta R.T. 0.990 min
 Lab File: VU061541.D
 Acq: 08 Nov 2024 11:59

Tgt Ion:	75	Resp:	12227
Ion	Ratio	Lower	Upper
75	100		
110	3.6	28.8	43.2#
77	34.9	25.7	38.5

