

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112124\
 Data File : VU061926.D
 Acq On : 21 Nov 2024 18:41
 Operator : MD/SY
 Sample : P4903-06
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 21 23:11:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 21 23:06:37 2024
 Response via : Initial Calibration

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

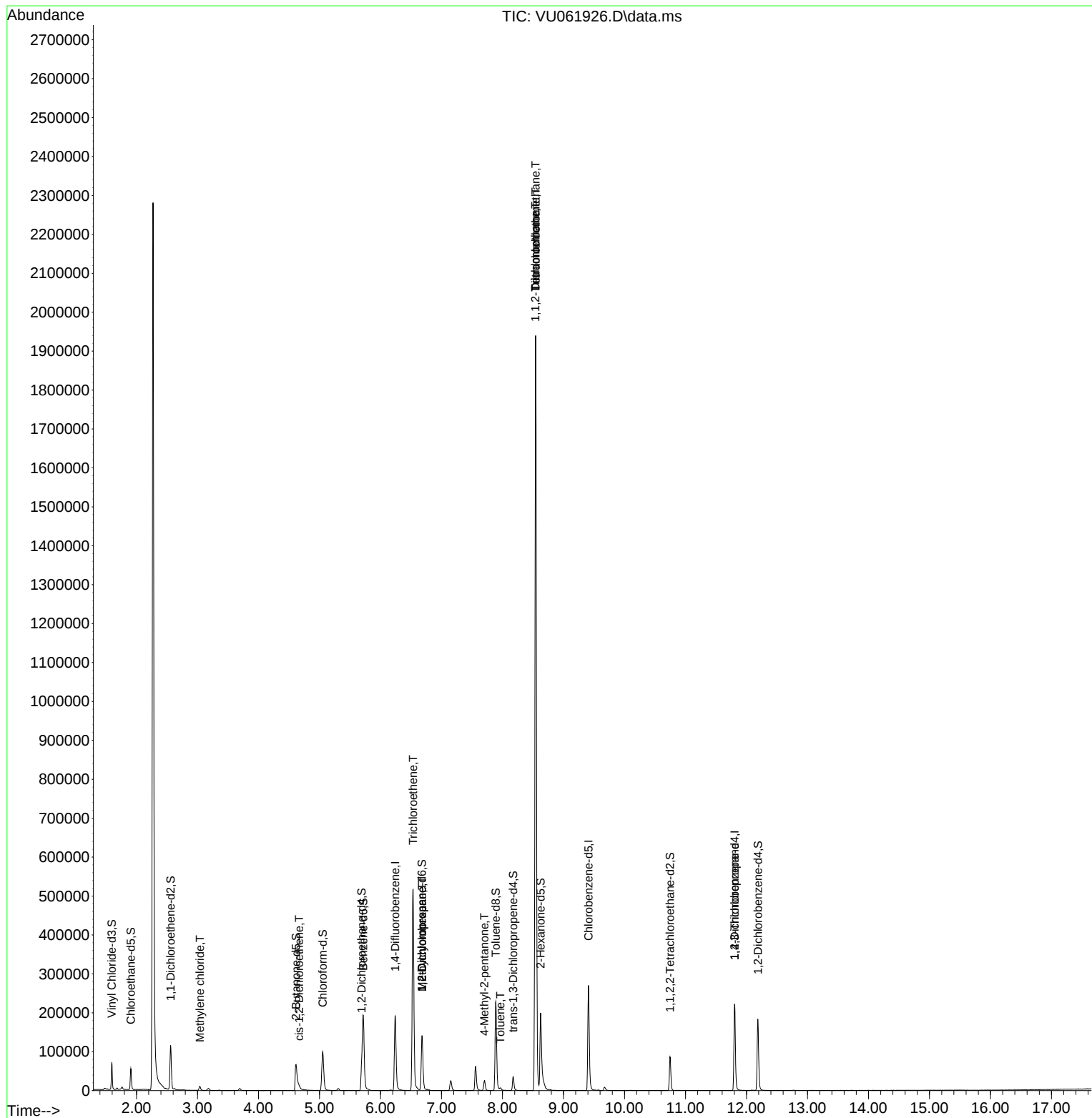
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	157837	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	148798	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	60702	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	47128	6.087	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	121.800%
7) Chloroethane-d5	1.907	69	39724	5.800	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.000%
11) 1,1-Dichloroethene-d2	2.560	65	21205	6.856	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	137.200%#
20) 2-Butanone-d5	4.615	46	104281	42.893	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.780%
24) Chloroform-d	5.052	84	95171	5.039	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
26) 1,2-Dichloroethane-d4	5.692	65	49528	5.095	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
32) Benzene-d6	5.718	84	187655	6.473	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	129.400%#
36) 1,2-Dichloropropane-d6	6.679	67	70139	7.120	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	142.400%#
41) Toluene-d8	7.891	98	161077	6.662	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	133.200%#
43) trans-1,3-Dichloroprop...	8.174	79	22187	6.084	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	121.600%
46) 2-Hexanone-d5	8.624	63	68971	41.435	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.880%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	45110	4.583	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	49471	5.512	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.200%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.039	84	5331	0.419	ug/L	92
22) cis-1,2-Dichloroethene	4.666	96	2846	0.226	ug/L	97
34) Trichloroethene	6.534	95	185645	15.479	ug/L	99
35) Methylcyclohexane	6.682	83	16108	0.878	ug/L #	19
37) 1,2-Dichloropropane	6.682	63	7630	0.654	ug/L #	87
40) 4-Methyl-2-pentanone	7.705	43	11731	1.862	ug/L #	43
42) Toluene	7.965	91	5319	0.113	ug/L	97
45) 1,1,2-Trichloroethane	8.541	97	3867	0.450	ug/L #	1
47) Tetrachloroethene	8.544	164	404484	46.371	ug/L	97
49) Dibromochloromethane	8.544	129	409513	45.072	ug/L #	13
61) 1,2,3-Trichloropropane	11.807	75	7870	1.121	ug/L #	68

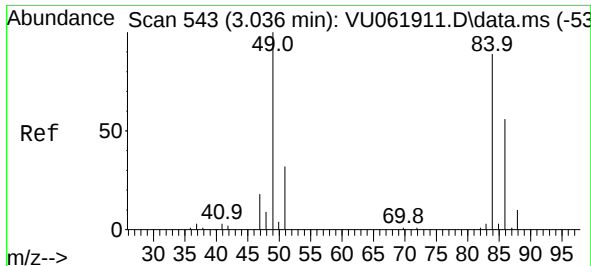
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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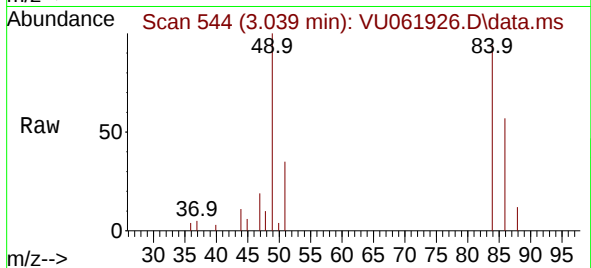
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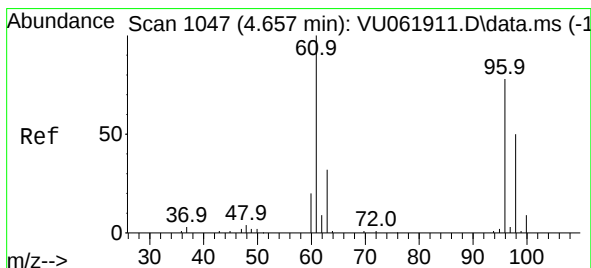
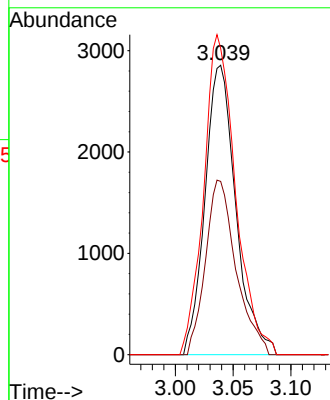
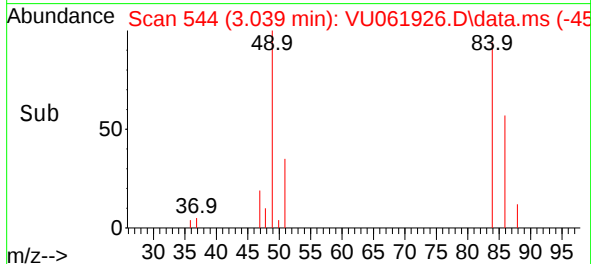


#16
Methylene chloride
Concen: 0.419 ug/L
RT: 3.039 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU061926.D
Acq: 21 Nov 2024 18:41

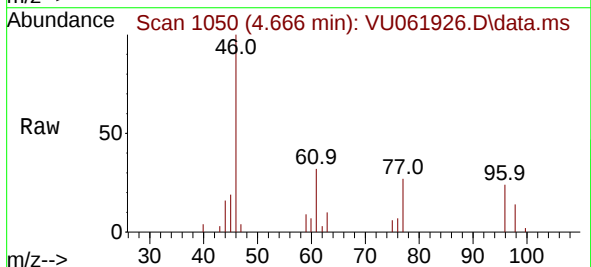
Instrument :
MSVOA_U
ClientSampleId :



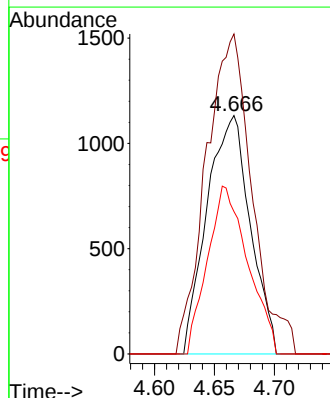
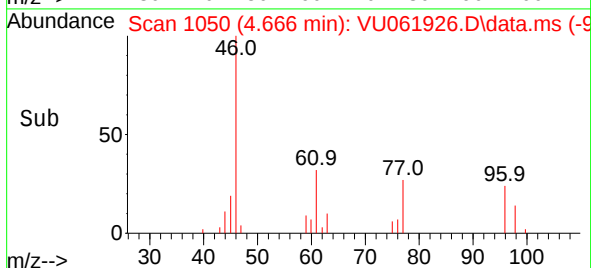
Tgt Ion: 84 Resp: 5331
Ion Ratio Lower Upper
84 100
86 59.9 43.5 80.7
49 105.8 81.9 152.1

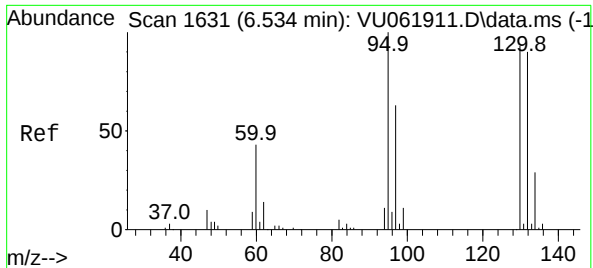


#22
cis-1,2-Dichloroethene
Concen: 0.226 ug/L
RT: 4.666 min Scan# 1050
Delta R.T. 0.010 min
Lab File: VU061926.D
Acq: 21 Nov 2024 18:41



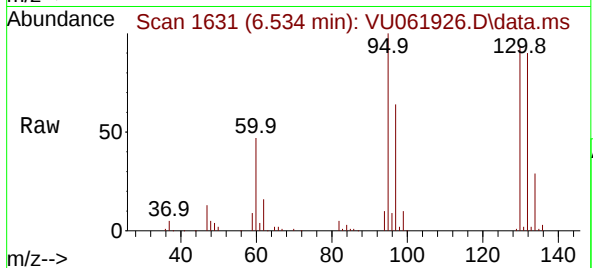
Tgt Ion: 96 Resp: 2846
Ion Ratio Lower Upper
96 100
61 134.3 92.0 170.8
98 59.7 44.5 82.7





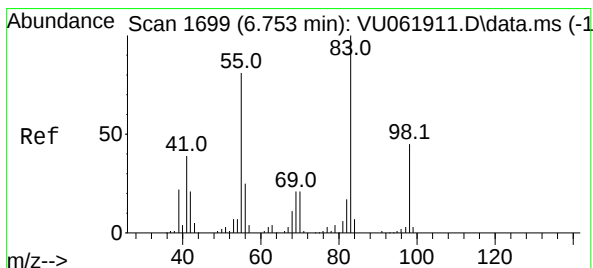
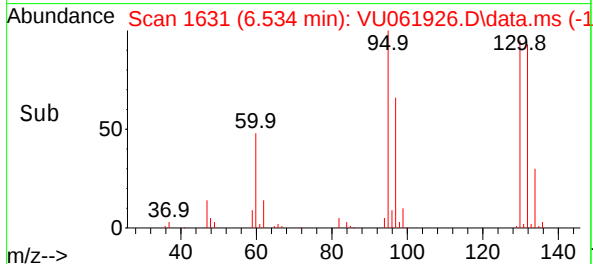
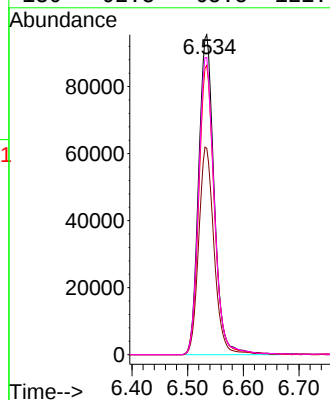
#34
Trichloroethene
Concen: 15.479 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VU061926.D
Acq: 21 Nov 2024 18:41

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 185645

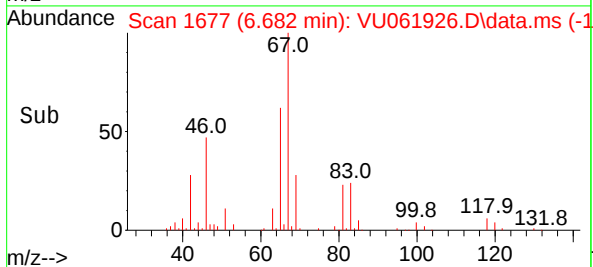
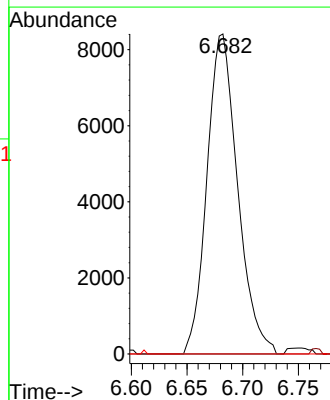
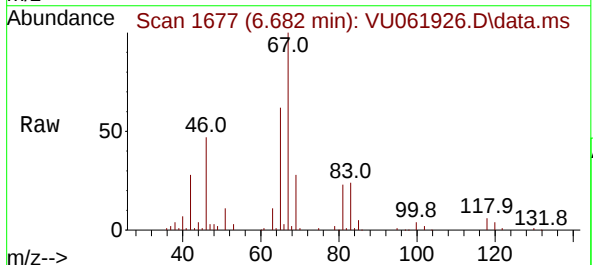
Ion	Ratio	Lower	Upper
95	100		
97	64.5	45.9	85.3
132	90.4	63.8	118.4
130	92.8	65.5	121.7

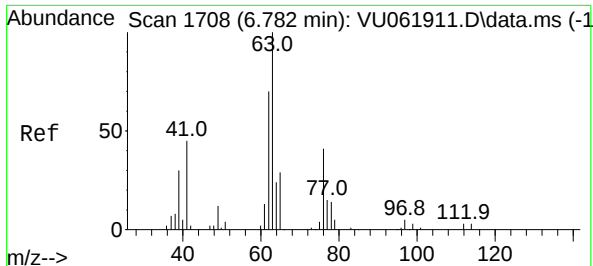


#35
Methylcyclohexane
Concen: 0.878 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.071 min
Lab File: VU061926.D
Acq: 21 Nov 2024 18:41

Tgt Ion: 83 Resp: 16108

Ion	Ratio	Lower	Upper
83	100		
55	0.5	60.7	91.1#
98	0.0	34.8	52.2#

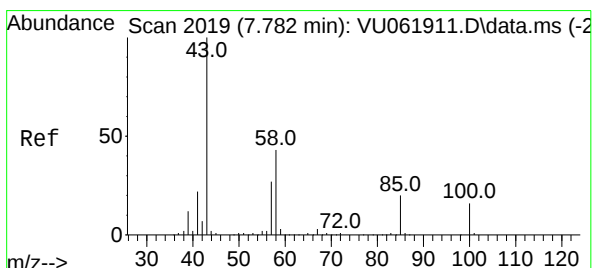
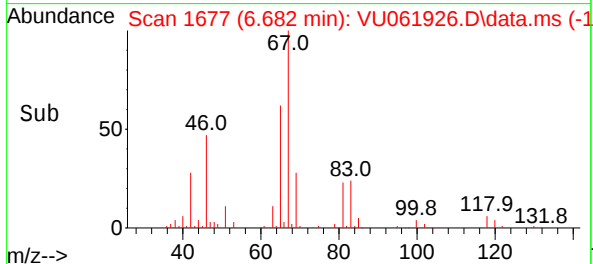
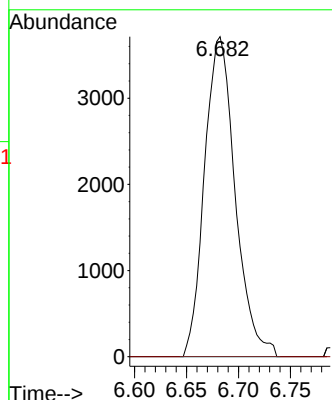
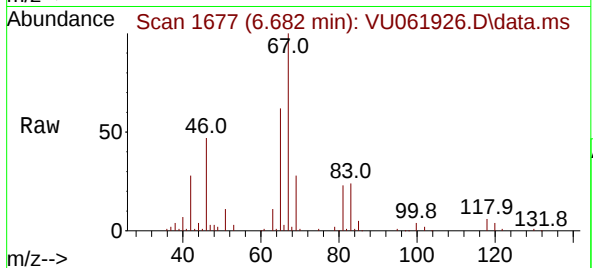




#37
1,2-Dichloropropane
Concen: 0.654 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU061926.D
Acq: 21 Nov 2024 18:41

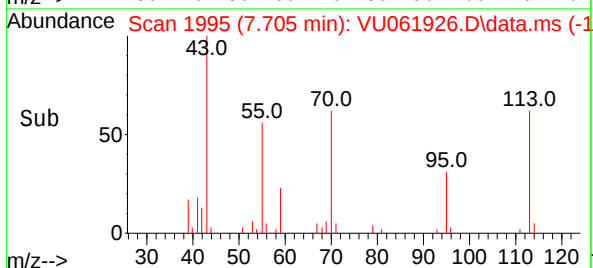
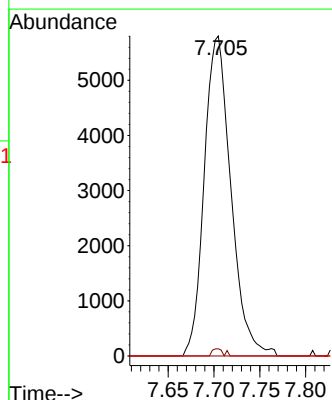
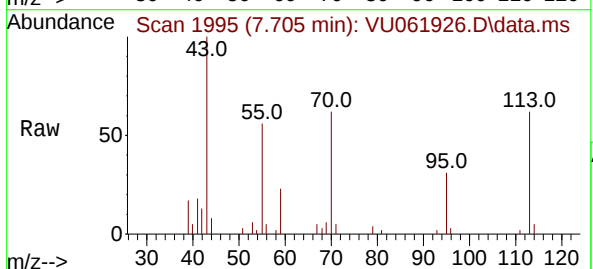
Instrument :
MSVOA_U
ClientSampleId :

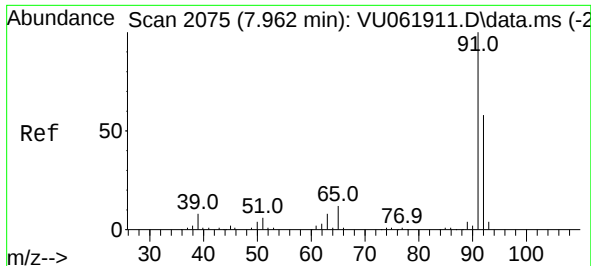
Tgt Ion: 63 Resp: 7630
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#40
4-Methyl-2-pentanone
Concen: 1.862 ug/L
RT: 7.705 min Scan# 1995
Delta R.T. -0.077 min
Lab File: VU061926.D
Acq: 21 Nov 2024 18:41

Tgt Ion: 43 Resp: 11731
Ion Ratio Lower Upper
43 100
58 0.9 33.3 49.9#
100 0.0 12.4 18.6#





#42

Toluene

Concen: 0.113 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU061926.D

Acq: 21 Nov 2024 18:41

Instrument :

MSVOA_U

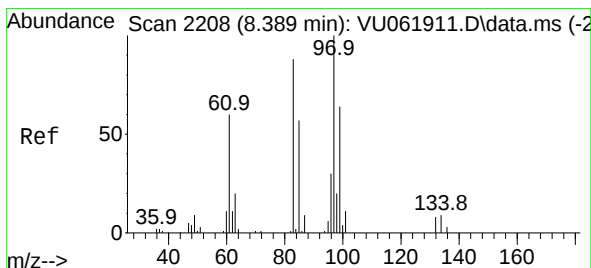
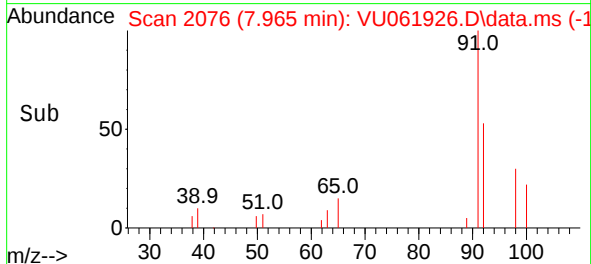
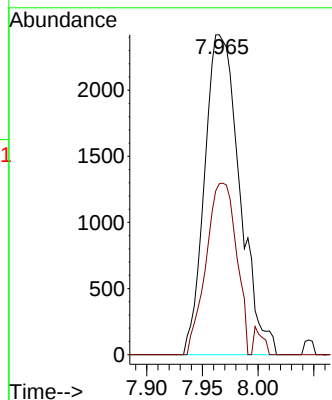
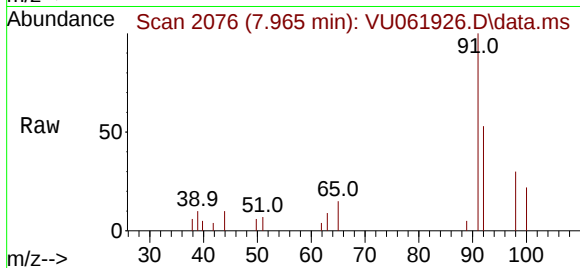
ClientSampleId :

Tgt Ion: 91 Resp: 5319

Ion Ratio Lower Upper

91 100

92 53.4 39.0 72.4



#45

1,1,2-Trichloroethane

Concen: 0.450 ug/L

RT: 8.541 min Scan# 2255

Delta R.T. 0.151 min

Lab File: VU061926.D

Acq: 21 Nov 2024 18:41

Tgt Ion: 97 Resp: 3867

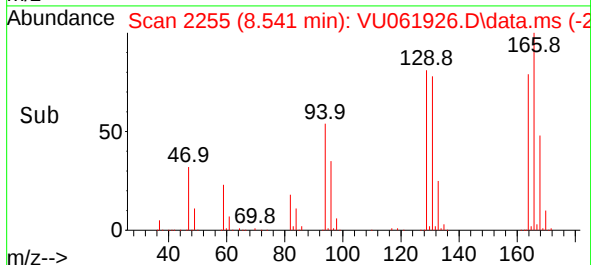
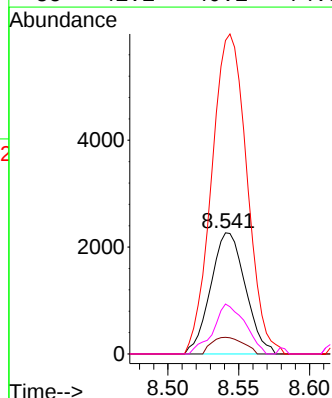
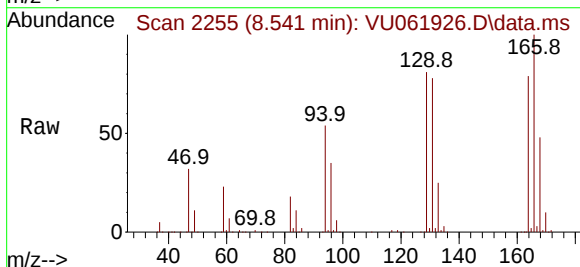
Ion Ratio Lower Upper

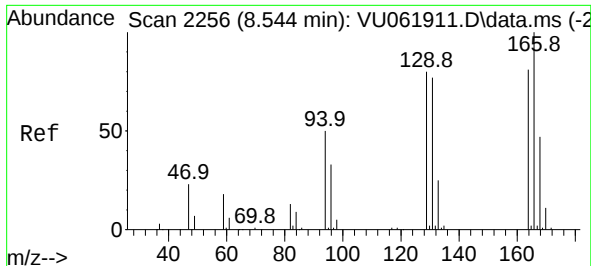
97 100

99 13.8 43.0 79.8#

83 258.6 61.7 114.5#

85 41.1 40.1 74.5





#47

Tetrachloroethene

Concen: 46.371 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. 0.000 min

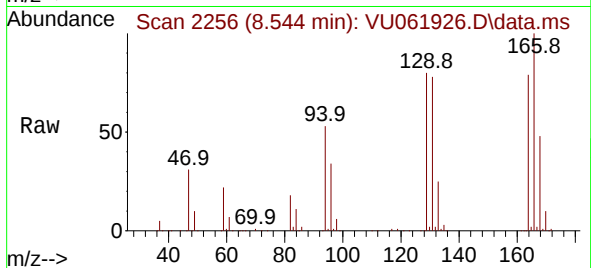
Lab File: VU061926.D

Acq: 21 Nov 2024 18:41

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 404484

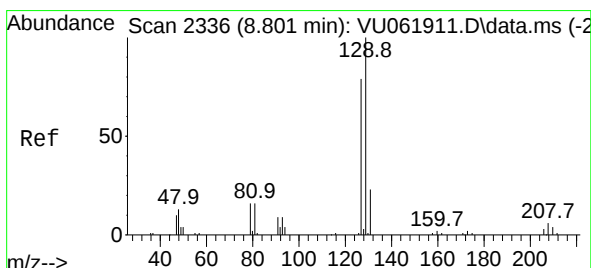
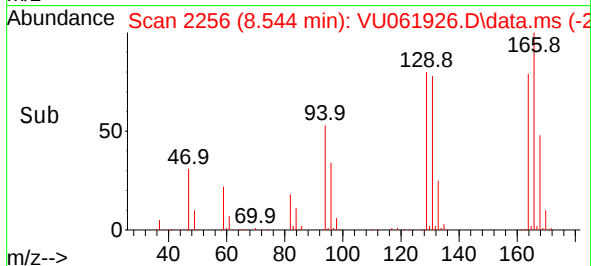
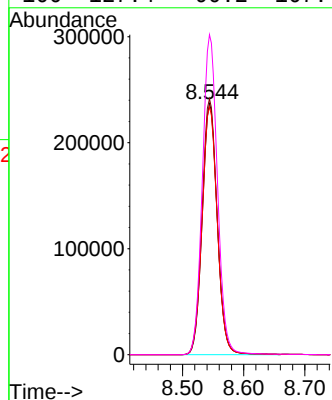
Ion Ratio Lower Upper

164 100

129 101.9 73.2 136.0

131 98.8 72.3 134.3

166 127.4 90.2 167.4



#49

Dibromochloromethane

Concen: 45.072 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. -0.257 min

Lab File: VU061926.D

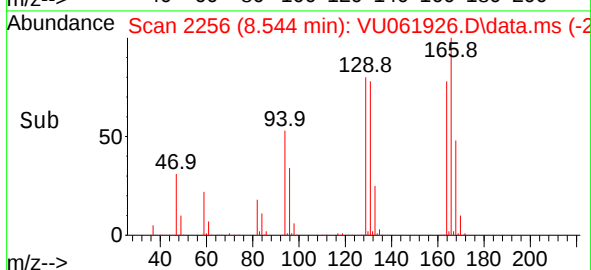
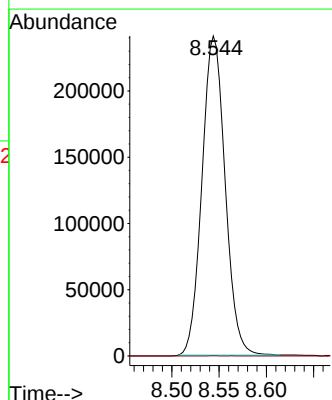
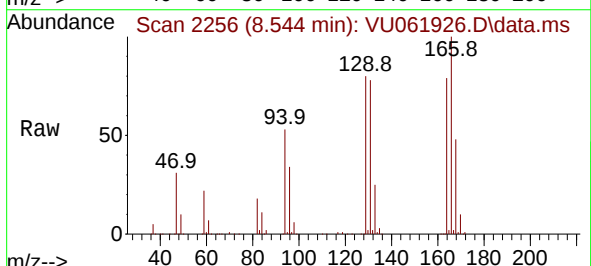
Acq: 21 Nov 2024 18:41

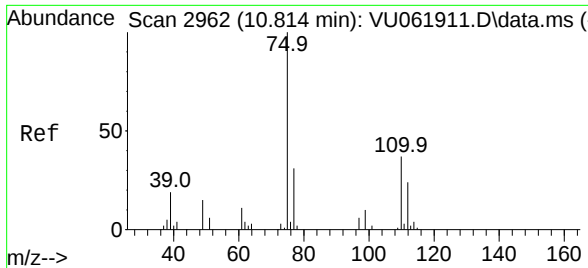
Tgt Ion:129 Resp: 409513

Ion Ratio Lower Upper

129 100

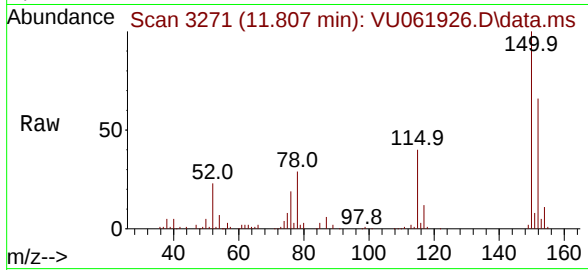
127 0.1 51.1 94.9#





#61
 1,2,3-Trichloropropane
 Concen: 1.121 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.994 min
 Lab File: VU061926.D
 Acq: 21 Nov 2024 18:41

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 7870
 Ion Ratio Lower Upper
 75 100
 110 1.1 28.9 43.3#
 77 31.9 26.5 39.7

