

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020625\
 Data File : VU063194.D
 Acq On : 06 Feb 2025 14:32
 Operator : MD/SY
 Sample : Q1226-13DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 07 07:30:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020425WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 07 07:28:28 2025
 Response via : Initial Calibration

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

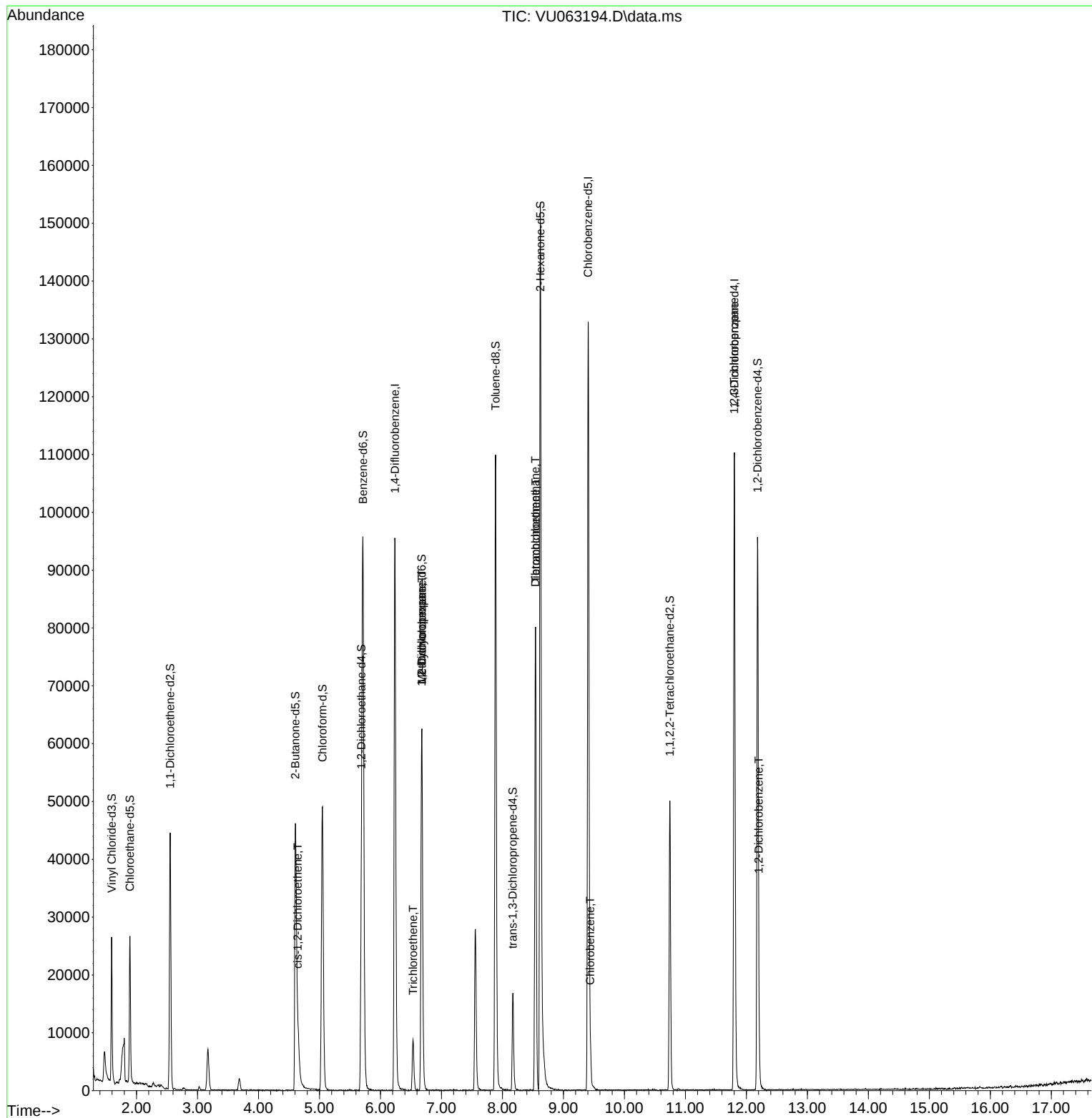
Internal Standards						
1) 1,4-Difluorobenzene	6.235	114	78731	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.406	117	76219	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	31296	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	17963	3.989	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.800%
7) Chloroethane-d5	1.891	69	18738	4.483	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.600%
11) 1,1-Dichloroethene-d2	2.551	65	8726	4.340	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.800%
20) 2-Butanone-d5	4.605	46	70791	47.750	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.500%
24) Chloroform-d	5.049	84	47960	4.817	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
26) 1,2-Dichloroethane-d4	5.689	65	25358	4.952	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	5.714	84	91554	4.605	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
36) 1,2-Dichloropropane-d6	6.676	67	31643	4.828	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.600%
41) Toluene-d8	7.888	98	75332	4.289	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
43) trans-1,3-Dichloroprop...	8.171	79	10487	4.270	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.400%
46) 2-Hexanone-d5	8.621	63	53238	43.071	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.140%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	26760	4.626	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.600%
66) 1,2-Dichlorobenzene-d4	12.184	152	26529	5.076	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.600%
Target Compounds						
					Qvalue	
22) cis-1,2-Dichloroethene	4.644	96	2376	0.389	ug/L	93
34) Trichloroethene	6.534	95	3376	0.530	ug/L	95
35) Methylcyclohexane	6.679	83	6921	0.725	ug/L #	19
37) 1,2-Dichloropropane	6.679	63	2974	0.445	ug/L #	90
47) Tetrachloroethene	8.544	164	17634	3.941	ug/L	98
49) Dibromochloromethane	8.541	129	17440	3.354	ug/L #	11
51) Chlorobenzene	9.441	112	3277	0.207	ug/L	98
61) 1,2,3-Trichloropropane	11.801	75	4044	1.071	ug/L #	66
67) 1,2-Dichlorobenzene	12.203	146	2415	0.257	ug/L	89

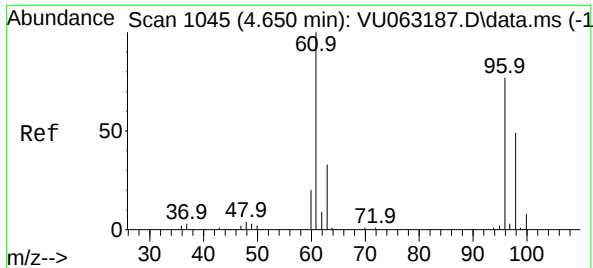
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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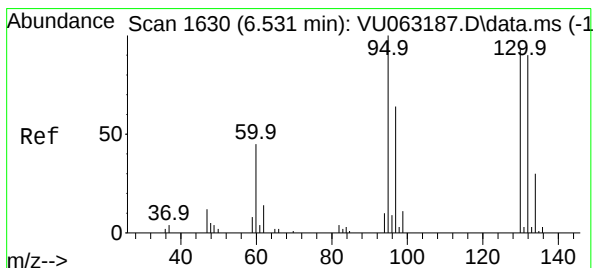
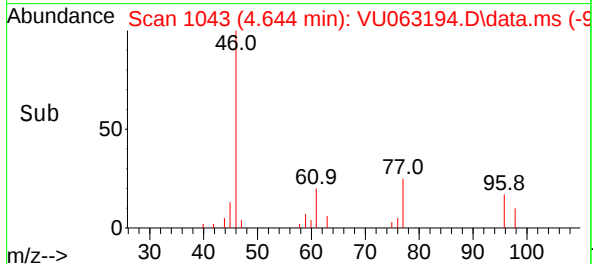
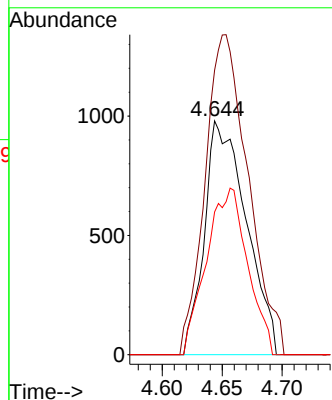
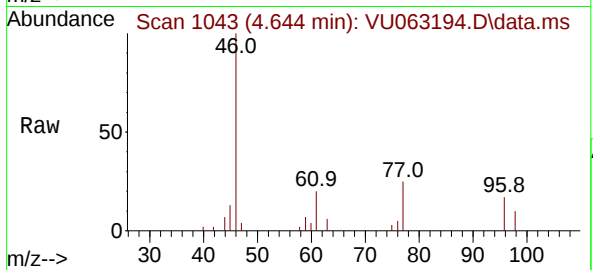


#22
 cis-1,2-Dichloroethene
 Concen: 0.389 ug/L
 RT: 4.644 min Scan# 1043
 Delta R.T. -0.006 min
 Lab File: VU063194.D
 Acq: 06 Feb 2025 14:32

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 96 Resp: 2376

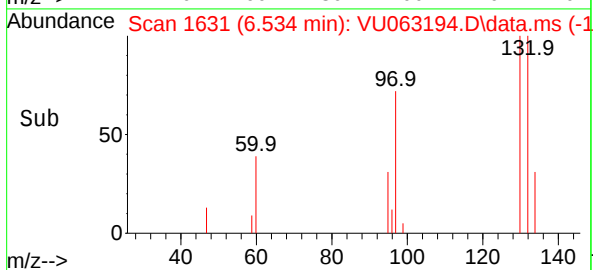
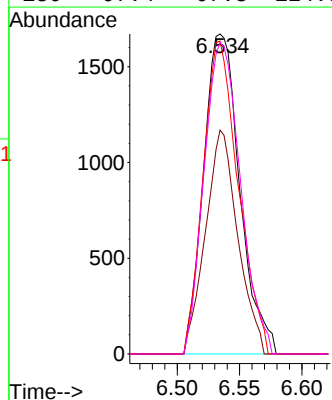
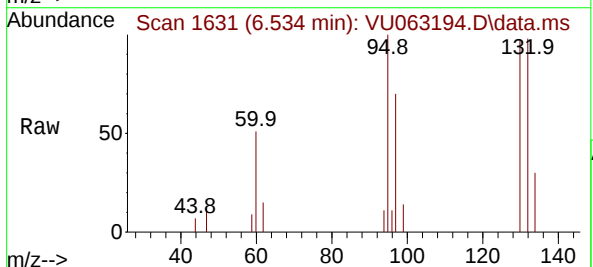
Ion	Ratio	Lower	Upper
96	100		
61	121.6	91.8	170.6
98	61.0	44.4	82.4

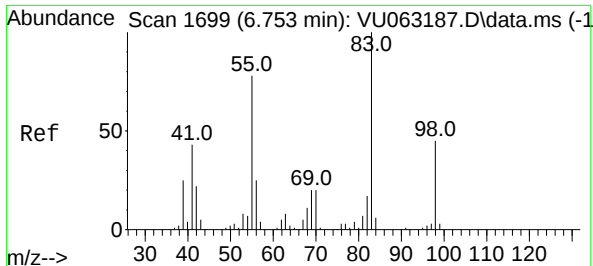


#34
 Trichloroethene
 Concen: 0.530 ug/L
 RT: 6.534 min Scan# 1631
 Delta R.T. 0.003 min
 Lab File: VU063194.D
 Acq: 06 Feb 2025 14:32

Tgt Ion: 95 Resp: 3376

Ion	Ratio	Lower	Upper
95	100		
97	70.0	46.7	86.7
132	97.8	62.4	115.8
130	97.4	67.3	124.9

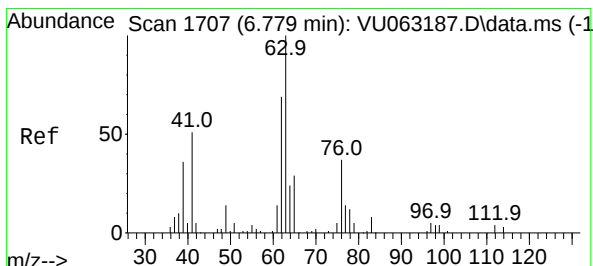
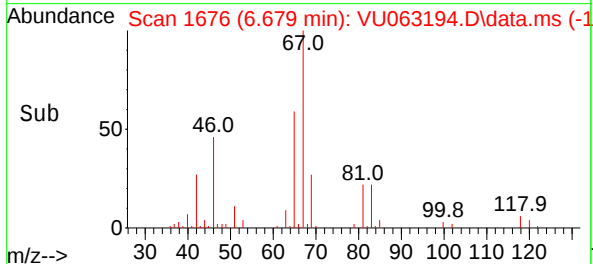
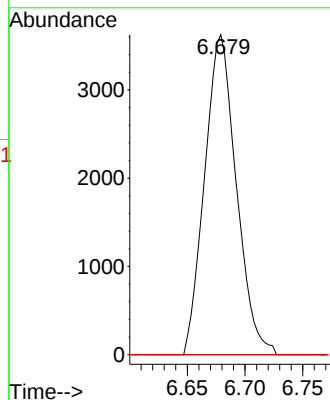
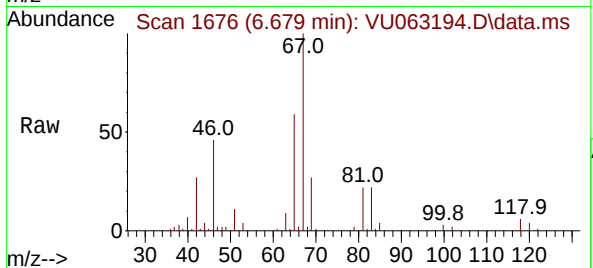




#35
Methylcyclohexane
Concen: 0.725 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.074 min
Lab File: VU063194.D
Acq: 06 Feb 2025 14:32

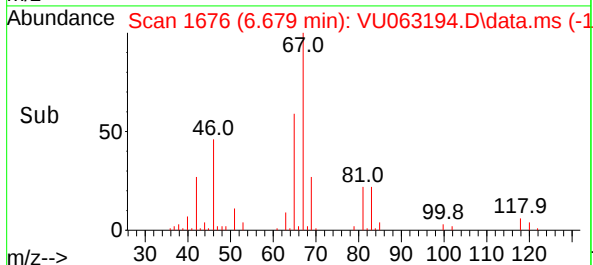
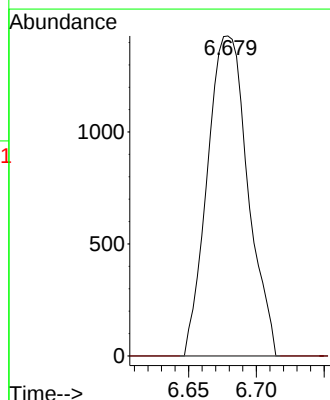
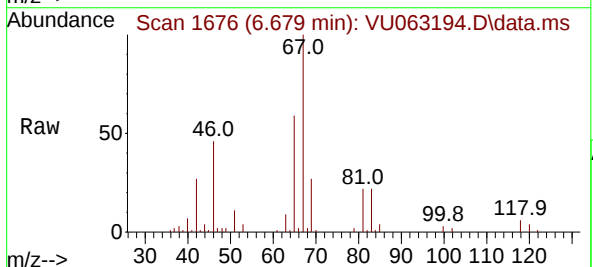
Instrument :
MSVOA_U
ClientSampleId :

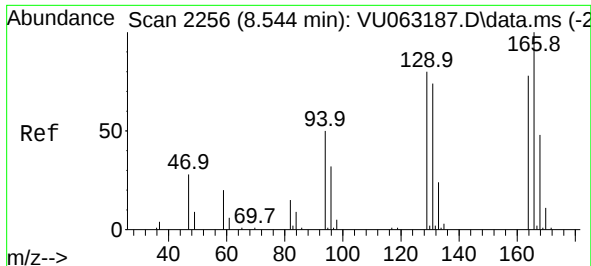
Tgt Ion: 83 Resp: 6921
Ion Ratio Lower Upper
83 100
55 0.0 62.8 94.2#
98 1.5 36.0 54.0#



#37
1,2-Dichloropropane
Concen: 0.445 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.100 min
Lab File: VU063194.D
Acq: 06 Feb 2025 14:32

Tgt Ion: 63 Resp: 2974
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#





#47

Tetrachloroethene

Concen: 3.941 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. 0.000 min

Lab File: VU063194.D

Acq: 06 Feb 2025 14:32

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:164 Resp: 17634

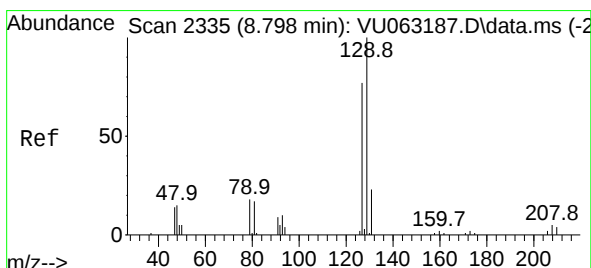
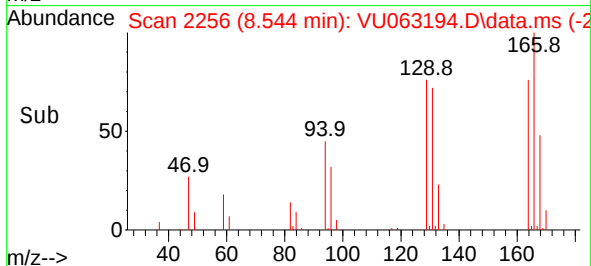
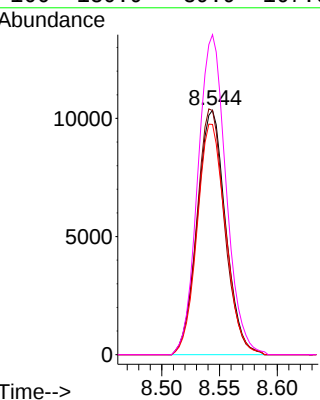
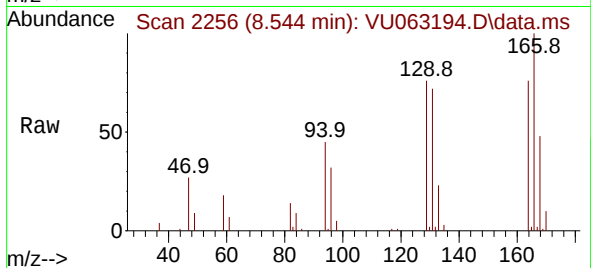
Ion Ratio Lower Upper

164 100

129 99.9 68.6 127.4

131 94.2 66.5 123.5

166 130.9 89.9 167.0



#49

Dibromochloromethane

Concen: 3.354 ug/L

RT: 8.541 min Scan# 2255

Delta R.T. -0.257 min

Lab File: VU063194.D

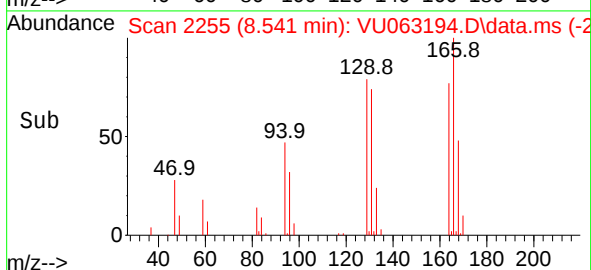
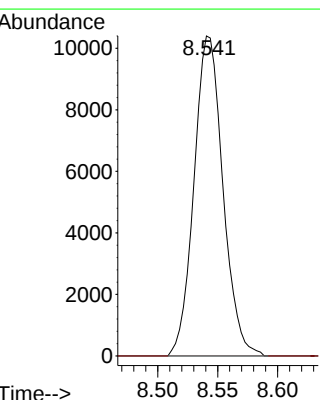
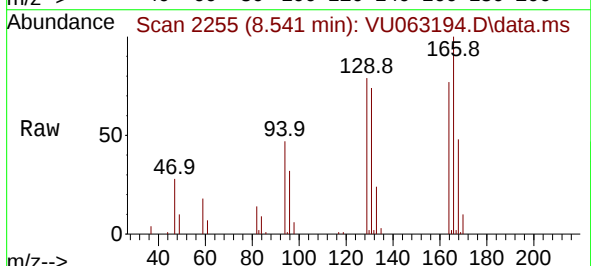
Acq: 06 Feb 2025 14:32

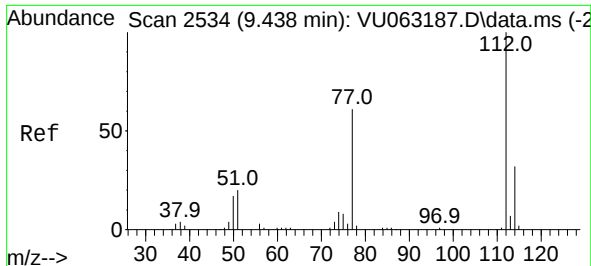
Tgt Ion:129 Resp: 17440

Ion Ratio Lower Upper

129 100

127 0.0 53.8 99.8#

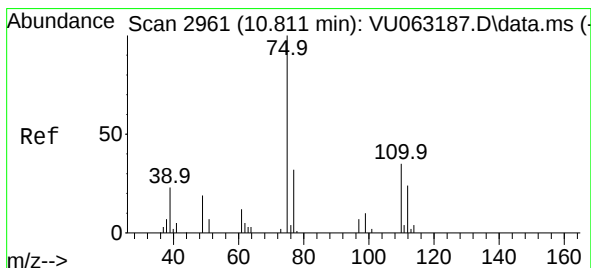
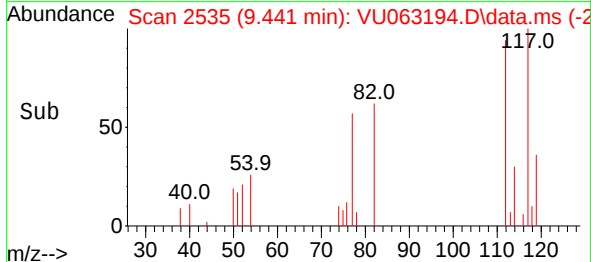
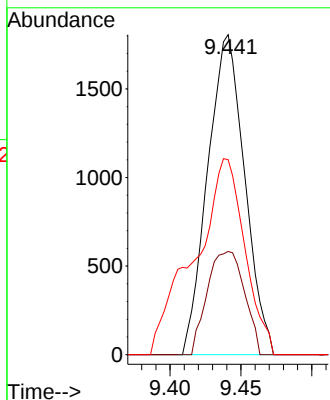
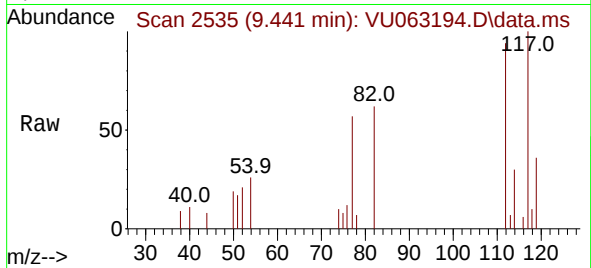




#51
Chlorobenzene
Concen: 0.207 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.003 min
Lab File: VU063194.D
Acq: 06 Feb 2025 14:32

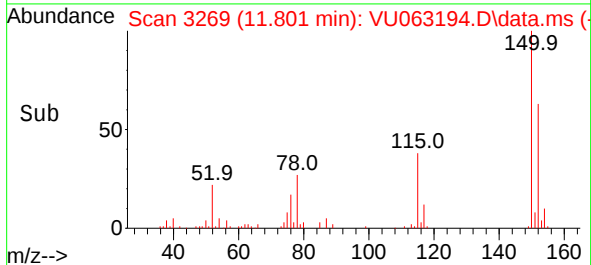
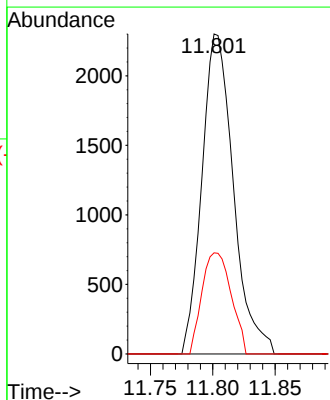
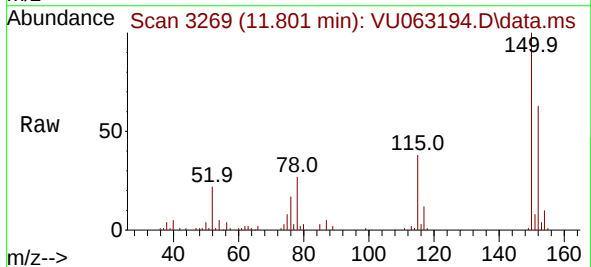
Instrument :
MSVOA_U
ClientSampleId :

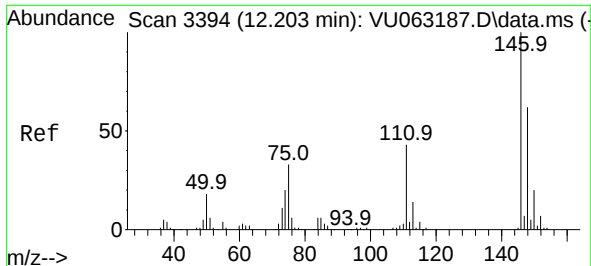
Tgt Ion:	112	Resp:	3277
Ion Ratio	Lower	Upper	
112	100		
114	32.3	22.6	42.0
77	61.0	50.8	76.2



#61
1,2,3-Trichloropropane
Concen: 1.071 ug/L
RT: 11.801 min Scan# 3269
Delta R.T. 0.990 min
Lab File: VU063194.D
Acq: 06 Feb 2025 14:32

Tgt Ion:	75	Resp:	4044
Ion Ratio	Lower	Upper	
75	100		
110	0.0	27.4	41.0#
77	29.3	26.3	39.5





#67

1,2-Dichlorobenzene

Concen: 0.257 ug/L

RT: 12.203 min Scan# 341

Delta R.T. 0.000 min

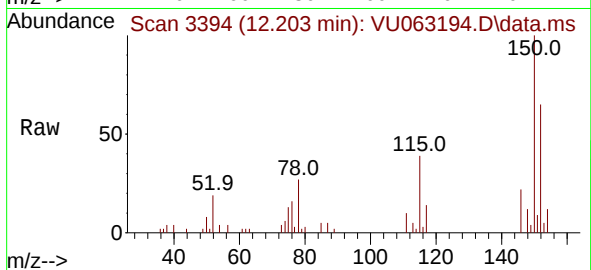
Lab File: VU063194.D

Acq: 06 Feb 2025 14:32

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:146 Resp: 2415

Ion Ratio Lower Upper

146 100

111 45.8 34.1 51.1

148 54.2 52.5 78.7

