

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111725\
 Data File : VU063726.D
 Acq On : 17 Nov 2025 14:44
 Operator : MD/SY
 Sample : VU1117MBL01
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK125

Quant Time: Nov 18 02:05:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM111725WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 18 01:55:44 2025
 Response via : Initial Calibration

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

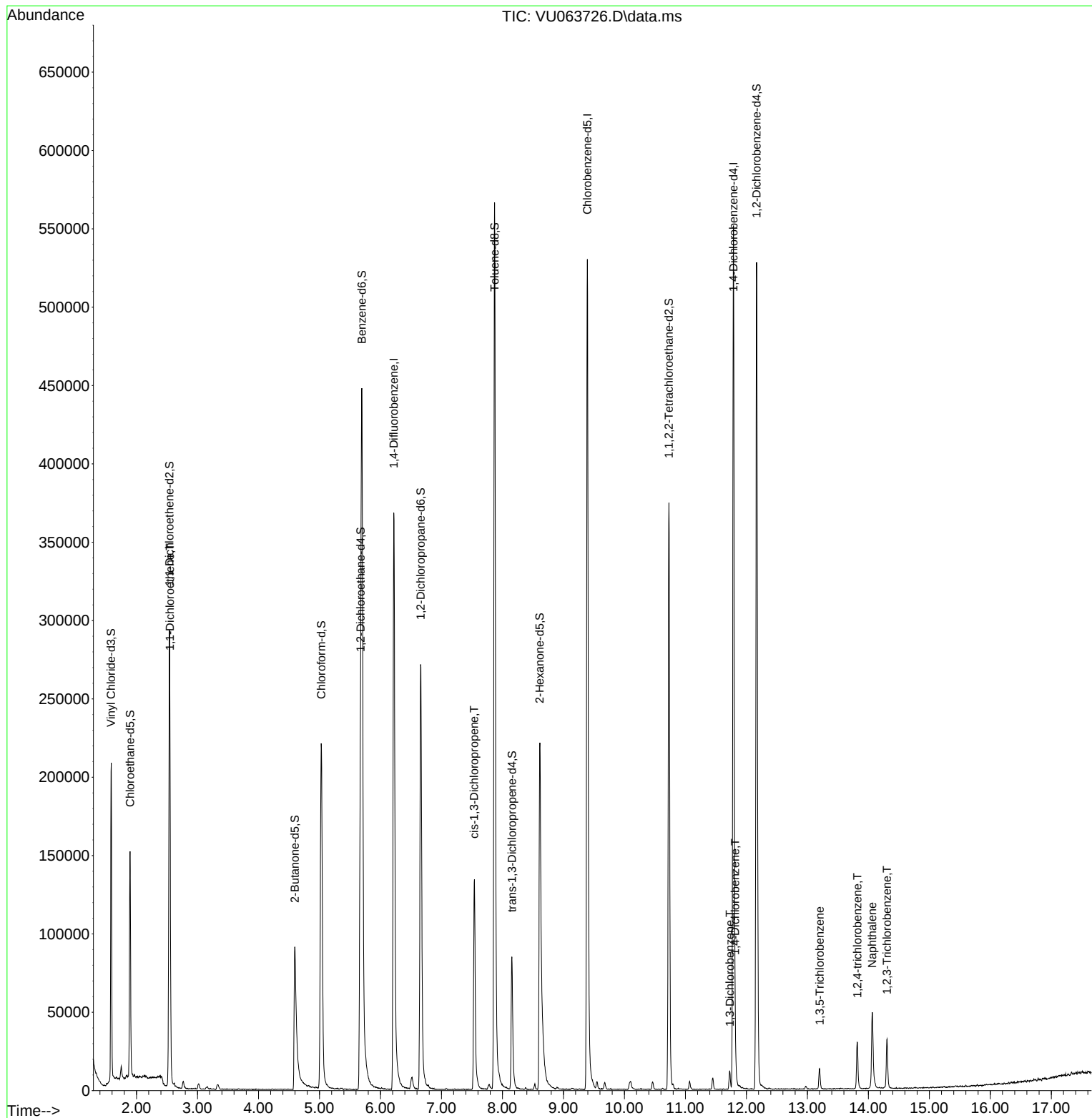
Internal Standards						
1) 1,4-Difluorobenzene	6.219	114	324127	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.393	117	302090	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.788	152	148528	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.583	65	131383	46.940	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	93.880%		
7) Chloroethane-d5	1.895	69	100998	46.837	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.680%		
11) 1,1-Dichloroethene-d2	2.541	63	177862	36.660	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	73.320%		
21) 2-Butanone-d5	4.595	46	144172	90.352	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	90.350%		
24) Chloroform-d	5.029	84	214231	45.619	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.240%		
26) 1,2-Dichloroethane-d4	5.672	65	144881	46.917	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.840%		
32) Benzene-d6	5.695	84	432155	48.804	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.600%		
36) 1,2-Dichloropropane-d6	6.660	67	129933	49.984	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.960%		
41) Toluene-d8	7.872	98	394677	46.944	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.880%		
43) trans-1,3-Dichloroprop...	8.155	79	48093	44.770	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.540%		
47) 2-Hexanone-d5	8.611	63	89445	94.637	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	94.640%		
56) 1,1,2,2-Tetrachloroeth...	10.730	84	180662	47.524	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.040%		
66) 1,2-Dichlorobenzene-d4	12.167	152	137664	49.098	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.200%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.547	96	2303	1.088	ug/L #	1
39) cis-1,3-Dichloropropene	7.537	75	3585	1.010	ug/L #	82
64) 1,3-Dichlorobenzene	11.727	146	5106	1.016	ug/L	87
65) 1,4-Dichlorobenzene	11.817	146	6730	1.308	ug/L	93
69) 1,3,5-Trichlorobenzene	13.203	180	4927	1.451	ug/L	96
70) 1,2,4-trichlorobenzene	13.820	180	9380	3.313	ug/L	94
71) Naphthalene	14.064	128	45964	6.101	ug/L	99
72) 1,2,3-Trichlorobenzene	14.306	180	9494	3.538	ug/L	96

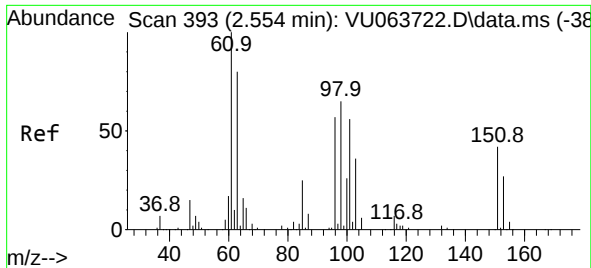
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_U
ClientSampleId :
VBLK125

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Quant Title : VOC Analysis
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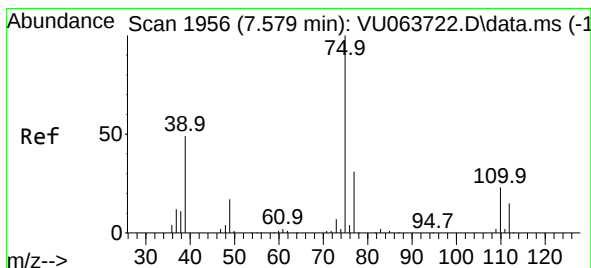
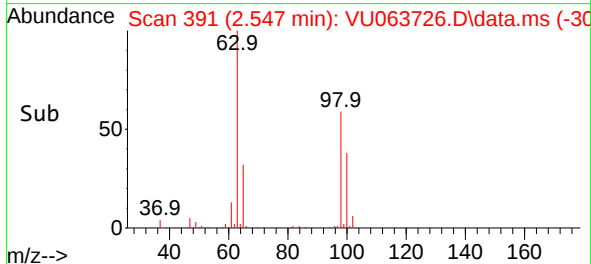
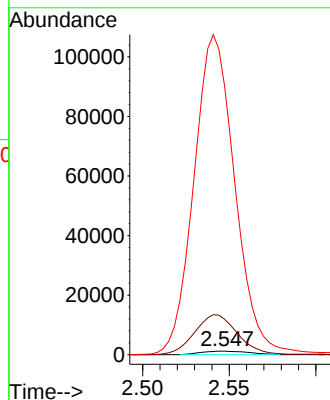
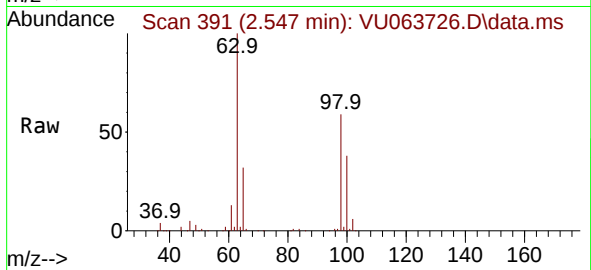




#12
 1,1-Dichloroethene
 Concen: 1.088 ug/L
 RT: 2.547 min Scan# 391
 Delta R.T. -0.006 min
 Lab File: VU063726.D
 Acq: 17 Nov 2025 14:44

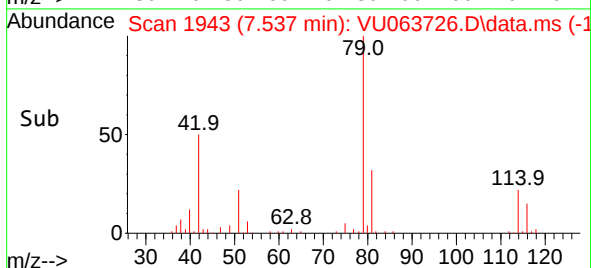
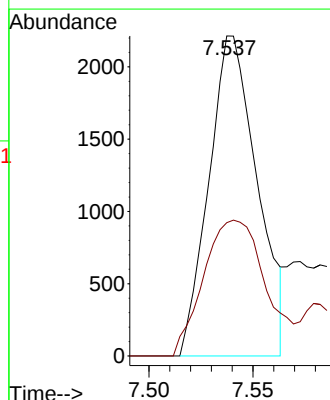
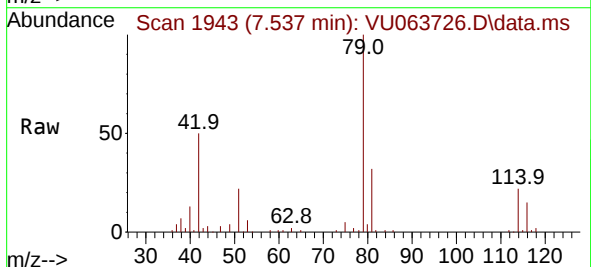
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK125

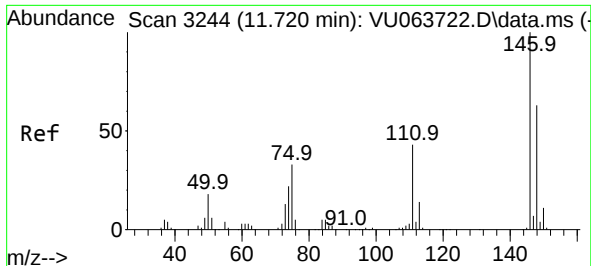
Tgt Ion: 96 Resp: 2303
 Ion Ratio Lower Upper
 96 100
 61 1010.0 123.3 228.9#
 63 7639.6 103.3 191.8#



#39
 cis-1,3-Dichloropropene
 Concen: 1.010 ug/L
 RT: 7.537 min Scan# 1943
 Delta R.T. -0.042 min
 Lab File: VU063726.D
 Acq: 17 Nov 2025 14:44

Tgt Ion: 75 Resp: 3585
 Ion Ratio Lower Upper
 75 100
 77 41.6 22.1 41.1#

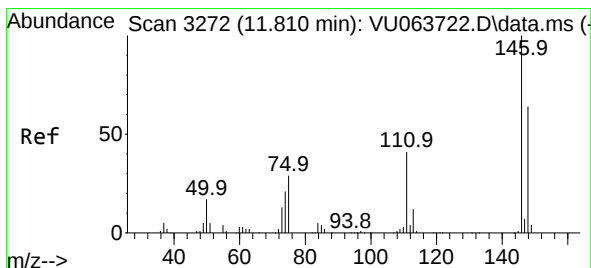
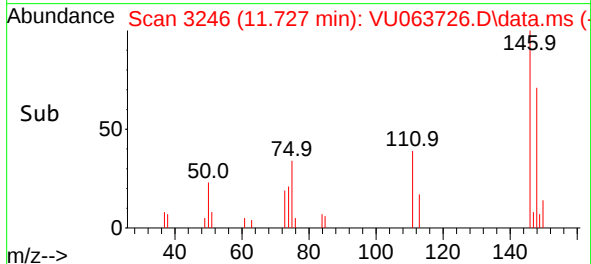
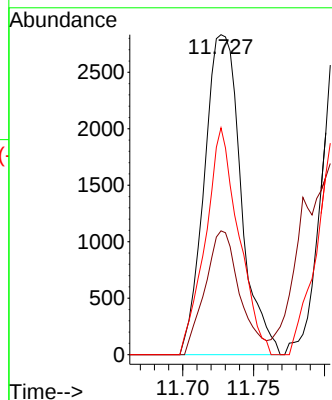
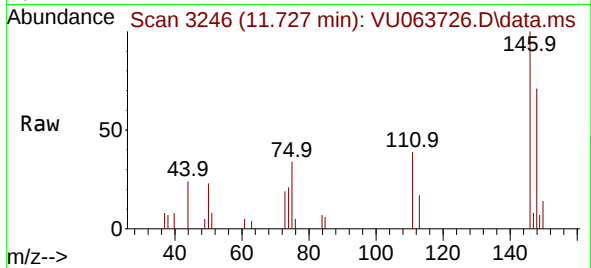




#64
1,3-Dichlorobenzene
Concen: 1.016 ug/L
RT: 11.727 min Scan# 31
Delta R.T. 0.006 min
Lab File: VU063726.D
Acq: 17 Nov 2025 14:44

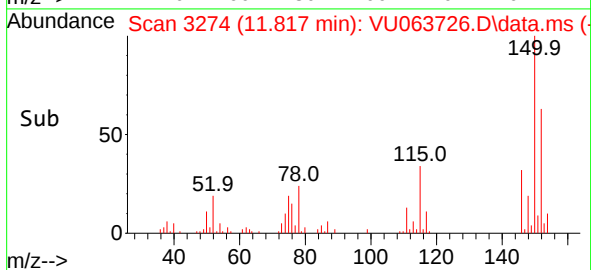
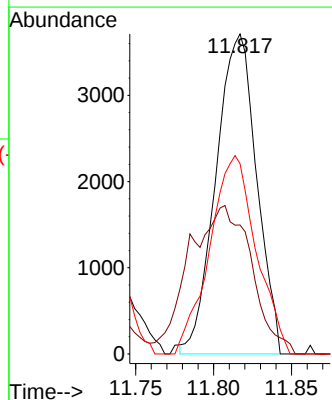
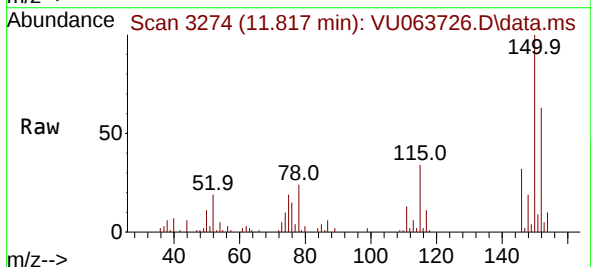
Instrument :
MSVOA_U
ClientSampleId :
VBLK125

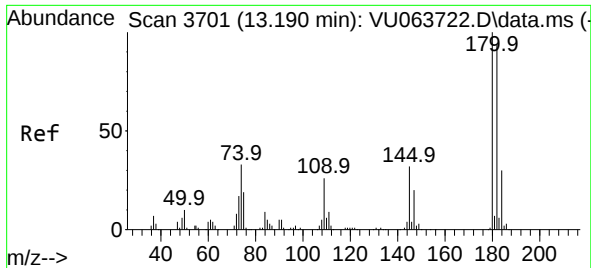
Tgt Ion:146 Resp: 5106
Ion Ratio Lower Upper
146 100
111 38.7 29.8 55.3
148 77.7 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 1.308 ug/L
RT: 11.817 min Scan# 3274
Delta R.T. 0.006 min
Lab File: VU063726.D
Acq: 17 Nov 2025 14:44

Tgt Ion:146 Resp: 6730
Ion Ratio Lower Upper
146 100
111 45.9 28.8 53.4
148 59.5 44.9 83.3

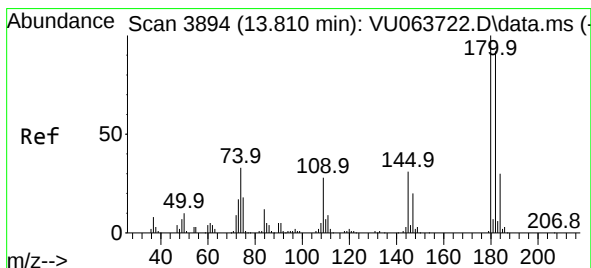
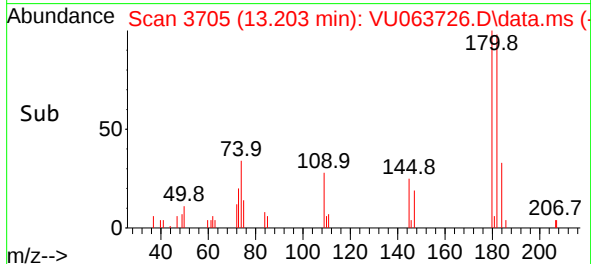
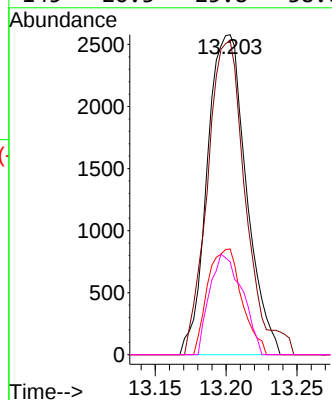
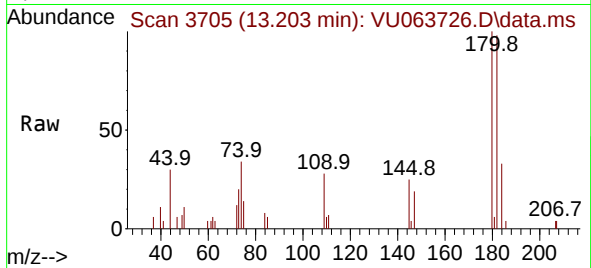




#69
 1,3,5-Trichlorobenzene
 Concen: 1.451 ug/L
 RT: 13.203 min Scan# 31
 Delta R.T. 0.013 min
 Lab File: VU063726.D
 Acq: 17 Nov 2025 14:44

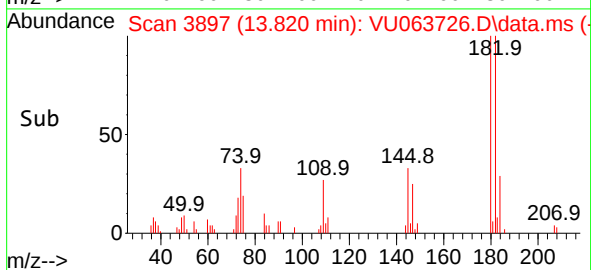
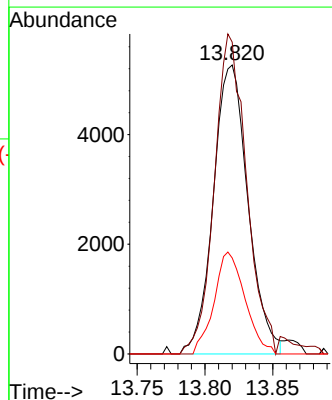
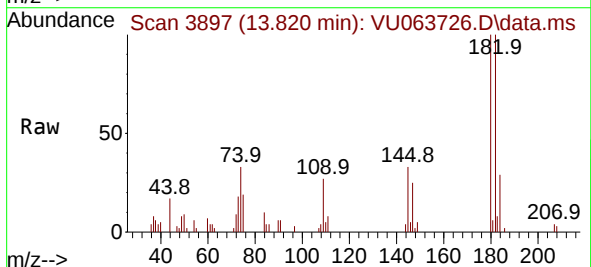
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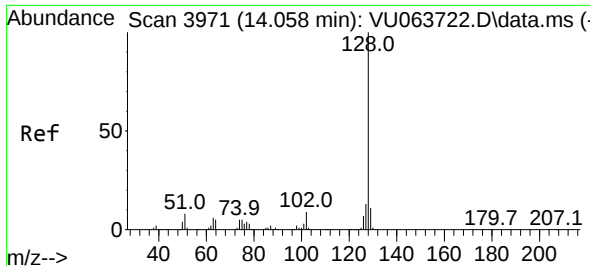
Tgt Ion:180	Resp:	4927
Ion Ratio	Lower	Upper
180	100	
182	93.0	76.4 114.6
184	29.0	24.4 36.6
145	26.3	25.8 38.6



#70
 1,2,4-trichlorobenzene
 Concen: 3.313 ug/L
 RT: 13.820 min Scan# 3897
 Delta R.T. 0.010 min
 Lab File: VU063726.D
 Acq: 17 Nov 2025 14:44

Tgt Ion:180	Resp:	9380
Ion Ratio	Lower	Upper
180	100	
182	102.6	75.8 113.8
145	31.4	25.7 38.5

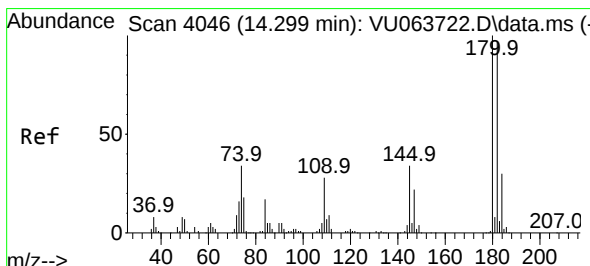
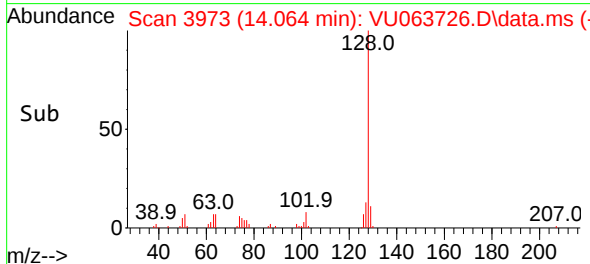
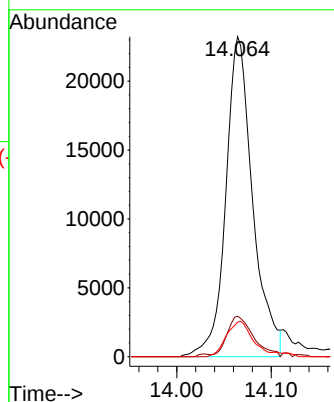
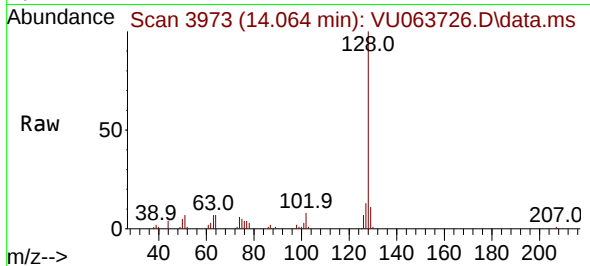




#71
Naphthalene
Concen: 6.101 ug/L
RT: 14.064 min Scan# 3971
Delta R.T. 0.006 min
Lab File: VU063726.D
Acq: 17 Nov 2025 14:44

Instrument :
MSVOA_U
ClientSampleId :
VBLK125

Tgt Ion:128	Resp:	45964
Ion Ratio	Lower	Upper
128	100	
127	12.1	10.3 15.5
129	10.7	8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 3.538 ug/L
RT: 14.306 min Scan# 4048
Delta R.T. 0.006 min
Lab File: VU063726.D
Acq: 17 Nov 2025 14:44

Tgt Ion:180	Resp:	9494
Ion Ratio	Lower	Upper
180	100	
182	97.9	76.9 115.3
145	38.1	26.6 39.8

