

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111925\
 Data File : VU063744.D
 Acq On : 19 Nov 2025 12:32
 Operator : MD/SY
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV032

Quant Time: Nov 20 03:39:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111925WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 20 03:09:34 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.222	114	164714	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.393	117	170255	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.788	152	113654	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.583	65	87681	4.989	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	99.800%	
7) Chloroethane-d5	1.891	69	77468	5.121	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	102.400%	
11) 1,1-Dichloroethene-d2	2.541	65	41146	5.093	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	101.800%	
20) 2-Butanone-d5	4.592	46	180645	59.168	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	118.340%	
24) Chloroform-d	5.029	84	190504	5.210	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.200%	
26) 1,2-Dichloroethane-d4	5.669	65	99581	5.281	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.600%	
32) Benzene-d6	5.695	84	369048	5.195	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.000%	
36) 1,2-Dichloropropane-d6	6.660	67	105391	5.250	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	105.000%	
41) Toluene-d8	7.872	98	351576	5.133	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.600%	
43) trans-1,3-Dichloroprop...	8.155	79	35717	5.289	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	105.800%	
46) 2-Hexanone-d5	8.608	63	141666	60.367	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	120.740%	
56) 1,1,2,2-Tetrachloroeth...	10.730	84	83684	5.518	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	110.400%	
66) 1,2-Dichlorobenzene-d4	12.167	152	127086	5.166	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.400%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.374	85	65525	5.394	ug/L	99
3) Chloromethane	1.505	50	50117	5.312	ug/L	99
5) Vinyl chloride	1.586	62	63444	5.295	ug/L	98
6) Bromomethane	1.837	94	40543	5.328	ug/L	94
8) Chloroethane	1.914	64	46772	5.299	ug/L	99
9) Trichlorofluoromethane	2.116	101	125298	5.327	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.554	101	75771	5.370	ug/L	99
12) 1,1-Dichloroethene	2.554	96	59893	5.508	ug/L	95
13) Acetone	2.602	43	149161	59.737	ug/L	98
14) Carbon disulfide	2.766	76	75477	5.048	ug/L	98
15) Methyl Acetate	2.930	43	27934	5.676	ug/L	100
16) Methylene chloride	3.017	84	97404	6.427	ug/L	97
17) Methyl tert-butyl Ether	3.335	73	204762	5.658	ug/L	99
18) trans-1,2-Dichloroethene	3.322	96	61734	5.293	ug/L	99
19) 1,1-Dichloroethane	3.833	63	146475	5.364	ug/L	97
21) 2-Butanone	4.672	43	209575	61.156	ug/L	98
22) cis-1,2-Dichloroethene	4.634	96	87101	5.386	ug/L	99
23) Bromochloromethane	4.943	128	37995	5.653	ug/L	95
25) Chloroform	5.055	83	168607	5.315	ug/L	97

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 ALS Vial : 7 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VICV032

Quant Time: Nov 20 03:39:18 2025
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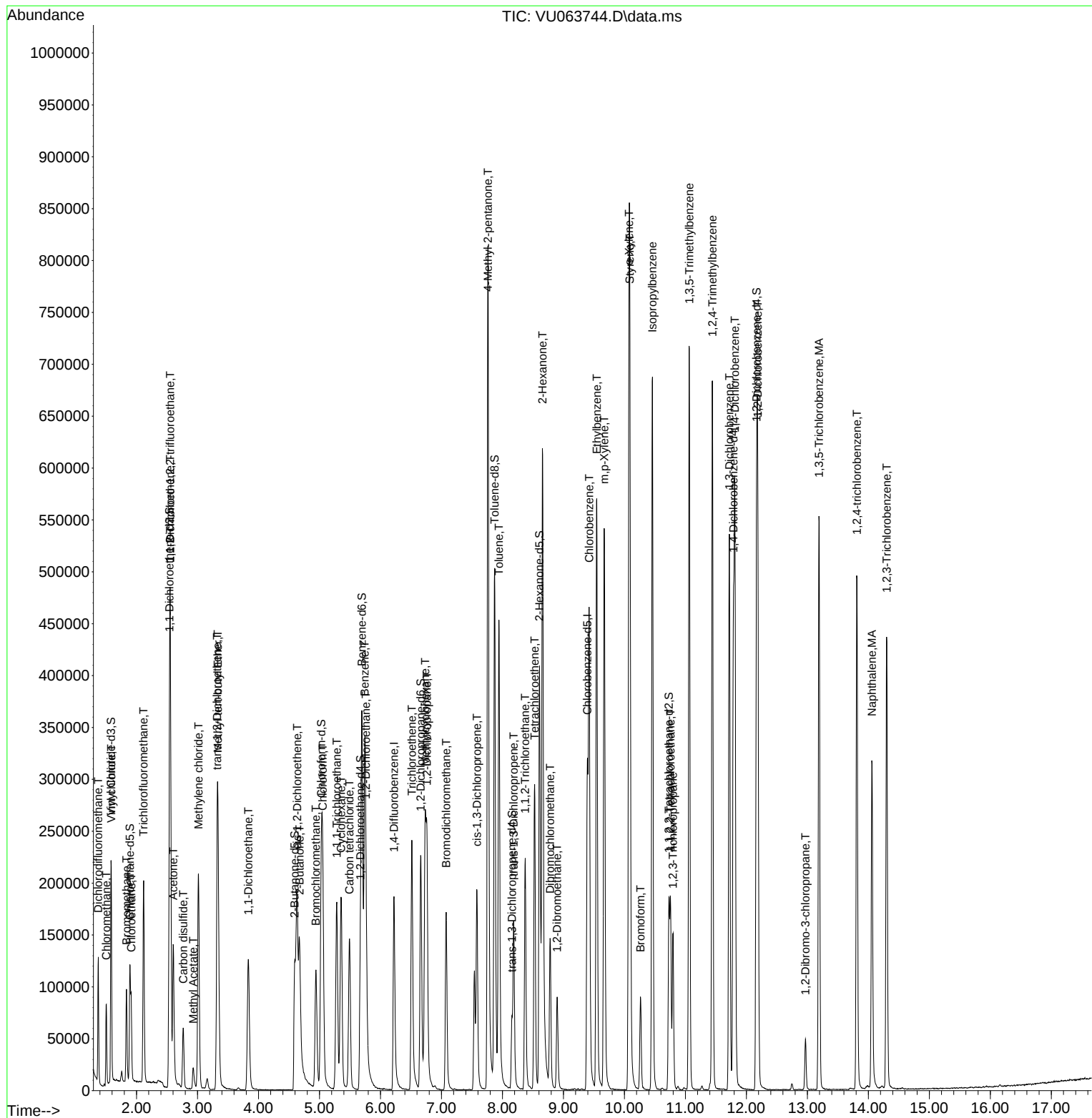
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.762	62	100737	5.407	ug/L	99
29) 1,1,1-Trichloroethane	5.283	97	131277	5.393	ug/L	100
30) Cyclohexane	5.354	56	97053	5.400	ug/L	98
31) Carbon tetrachloride	5.492	117	99588	5.400	ug/L	99
33) Benzene	5.743	78	309599	5.441	ug/L	100
34) Trichloroethene	6.515	95	88811	5.259	ug/L	98
35) Methylcyclohexane	6.733	83	104618	5.456	ug/L	98
37) 1,2-Dichloropropane	6.762	63	85311	5.340	ug/L	99
38) Bromodichloromethane	7.078	83	116460	5.535	ug/L	100
39) cis-1,3-Dichloropropene	7.582	75	116632	5.596	ug/L	96
40) 4-Methyl-2-pentanone	7.762	43	537378	62.513	ug/L	100
42) Toluene	7.942	91	348811	5.474	ug/L	99
44) trans-1,3-Dichloropropene	8.184	75	91375	5.777	ug/L	97
45) 1,1,2-Trichloroethane	8.373	97	69350	5.553	ug/L	98
47) Tetrachloroethene	8.528	164	65379	5.260	ug/L	97
48) 2-Hexanone	8.656	43	403163	64.724	ug/L	96
49) Dibromochloromethane	8.782	129	72281	5.679	ug/L	98
50) 1,2-Dibromoethane	8.897	107	60848	5.628	ug/L	96
51) Chlorobenzene	9.421	112	249488	5.328	ug/L	98
52) Ethylbenzene	9.547	91	430765	5.452	ug/L	99
53) m,p-Xylene	9.669	106	160786	5.389	ug/L	99
54) o-Xylene	10.074	106	161868	5.492	ug/L	95
55) Styrene	10.090	104	276380	5.703	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.756	83	83968	5.621	ug/L	98
59) Bromoform	10.264	173	38856	5.655	ug/L	98
60) Isopropylbenzene	10.460	105	459610	5.380	ug/L	100
61) 1,2,3-Trichloropropane	10.798	75	61970	5.790	ug/L	99
62) 1,3,5-Trimethylbenzene	11.065	105	389804	5.470	ug/L	99
63) 1,2,4-Trimethylbenzene	11.444	105	382201	5.525	ug/L	99
64) 1,3-Dichlorobenzene	11.720	146	216767	5.361	ug/L	99
65) 1,4-Dichlorobenzene	11.810	146	219368	5.354	ug/L	97
67) 1,2-Dichlorobenzene	12.187	146	200833	5.504	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.968	75	11730	5.958	ug/L	96
69) 1,3,5-Trichlorobenzene	13.193	180	166507	5.623	ug/L	99
70) 1,2,4-trichlorobenzene	13.814	180	148466	6.316	ug/L	99
71) Naphthalene	14.058	128	263802	7.874	ug/L	99
72) 1,2,3-Trichlorobenzene	14.299	180	129411	6.582	ug/L	99

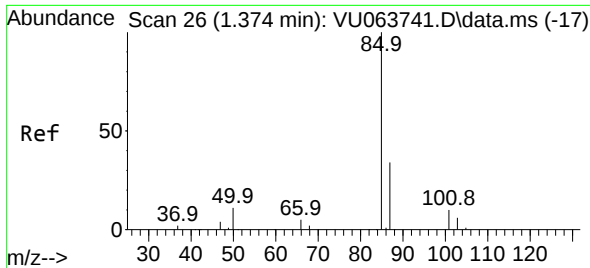
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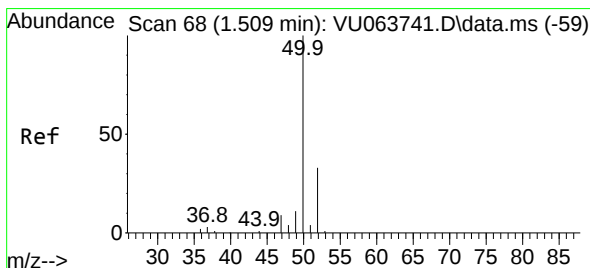
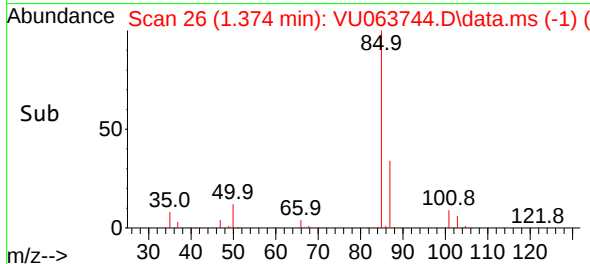
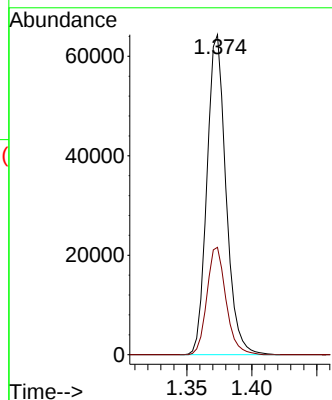
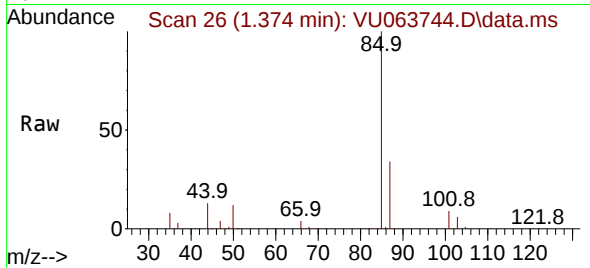




#2
 Dichlorodifluoromethane
 Concen: 5.394 ug/L
 RT: 1.374 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VU063744.D
 Acq: 19 Nov 2025 12:32

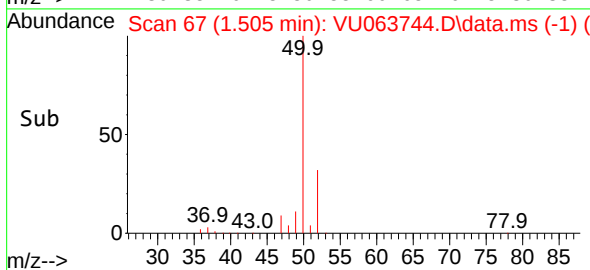
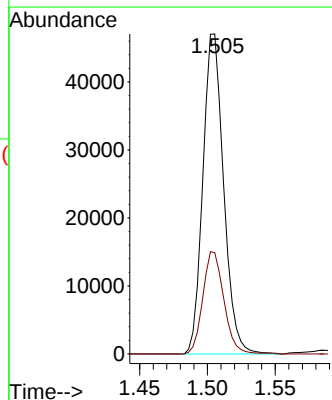
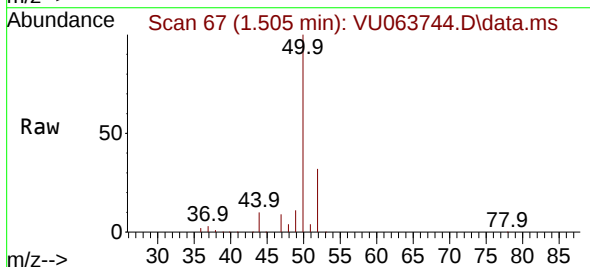
Instrument :
 MSVOA_U
 ClientSampleId :
 VICV032

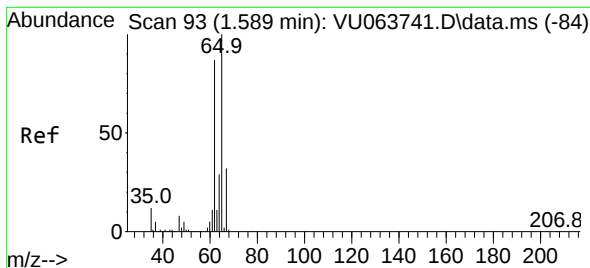
Tgt Ion: 85 Resp: 65525
 Ion Ratio Lower Upper
 85 100
 87 33.7 26.4 39.6



#3
 Chloromethane
 Concen: 5.312 ug/L
 RT: 1.505 min Scan# 67
 Delta R.T. -0.003 min
 Lab File: VU063744.D
 Acq: 19 Nov 2025 12:32

Tgt Ion: 50 Resp: 50117
 Ion Ratio Lower Upper
 50 100
 52 31.7 22.7 42.3





#5

Vinyl chloride

Concen: 5.295 ug/L

RT: 1.586 min Scan# 91

Delta R.T. -0.003 min

Lab File: VU063744.D

Acq: 19 Nov 2025 12:32

Instrument :

MSVOA_U

ClientSampleId :

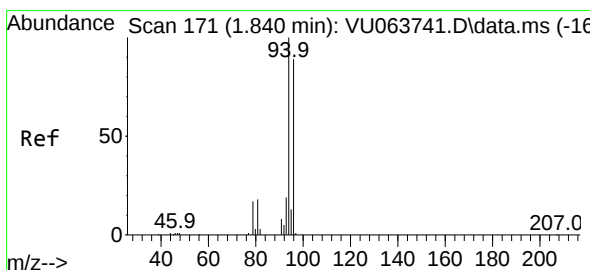
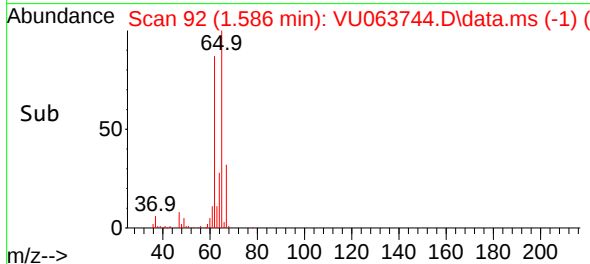
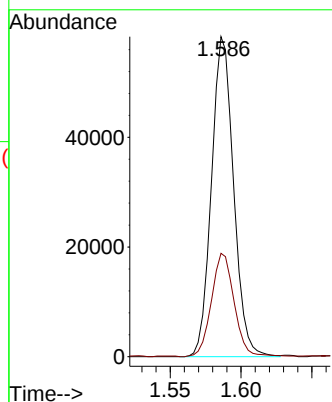
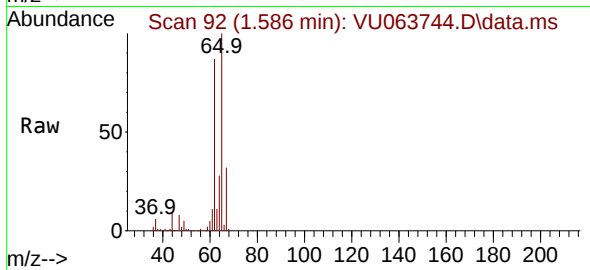
VICV032

Tgt Ion: 62 Resp: 63444

Ion Ratio Lower Upper

62 100

64 32.3 23.5 43.7



#6

Bromomethane

Concen: 5.328 ug/L

RT: 1.837 min Scan# 170

Delta R.T. -0.003 min

Lab File: VU063744.D

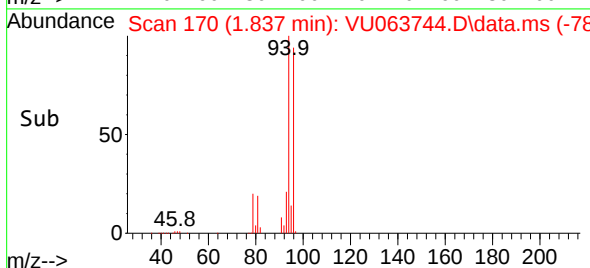
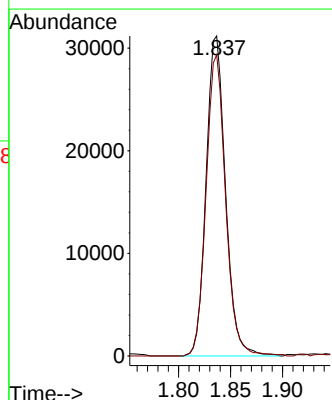
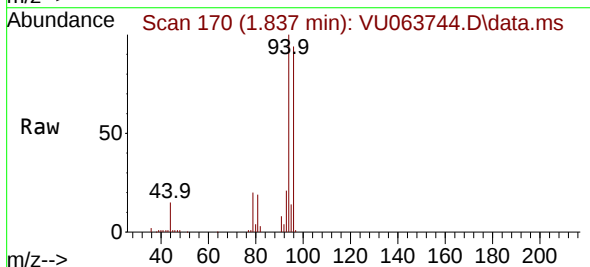
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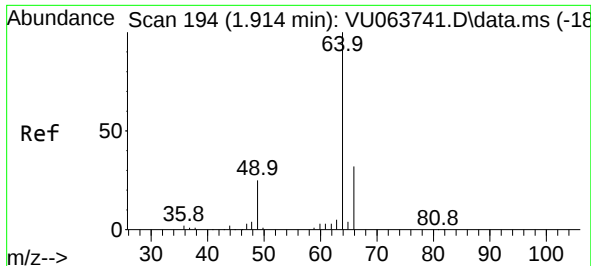
Tgt Ion: 94 Resp: 40543

Ion Ratio Lower Upper

94 100

96 94.2 62.1 115.3

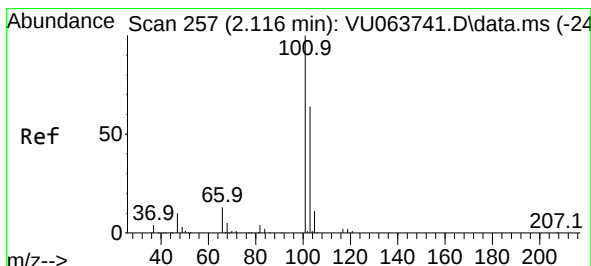
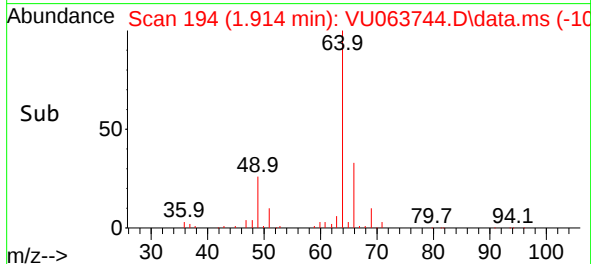
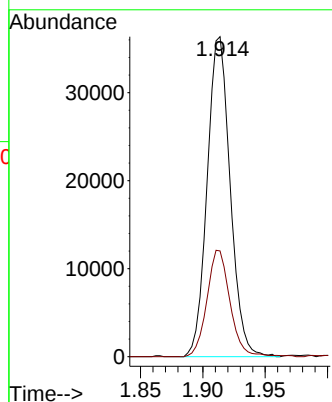
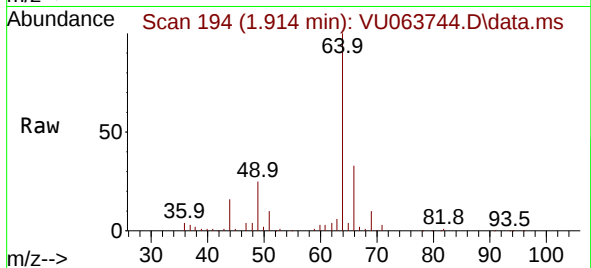




#8
Chloroethane
Concen: 5.299 ug/L
RT: 1.914 min Scan# 194
Delta R.T. 0.000 min
Lab File: VU063744.D
Acq: 19 Nov 2025 12:32

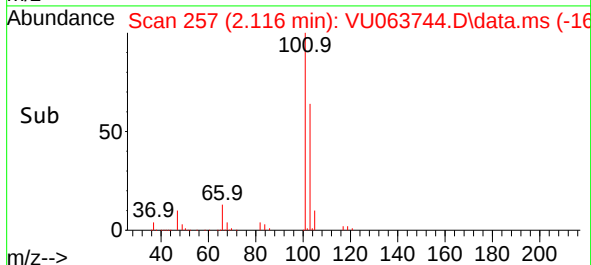
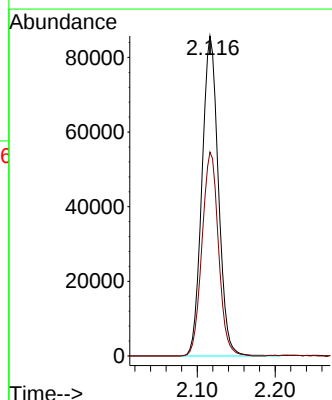
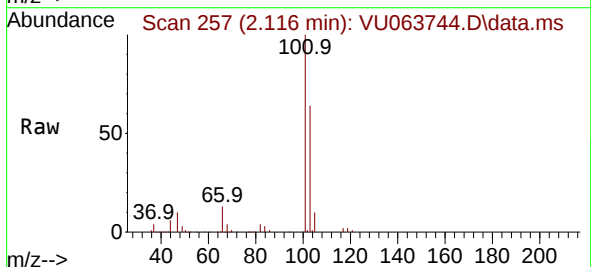
Instrument :
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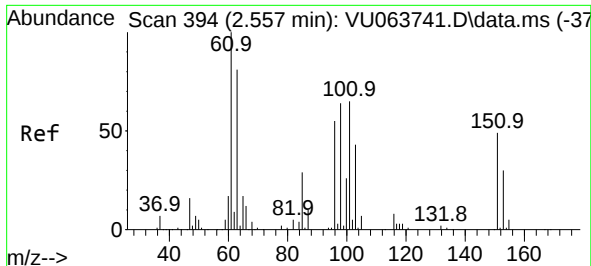
Tgt Ion: 64 Resp: 46772
Ion Ratio Lower Upper
64 100
66 33.1 22.6 42.0



#9
Trichlorofluoromethane
Concen: 5.327 ug/L
RT: 2.116 min Scan# 257
Delta R.T. 0.000 min
Lab File: VU063744.D
Acq: 19 Nov 2025 12:32

Tgt Ion:101 Resp: 125298
Ion Ratio Lower Upper
101 100
103 64.1 51.0 76.4

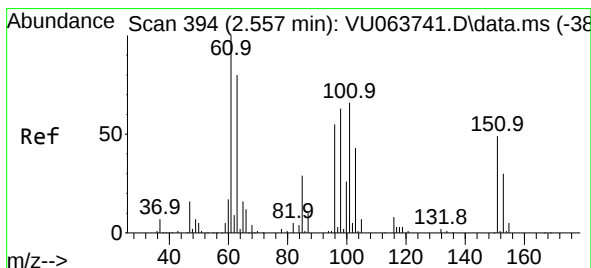
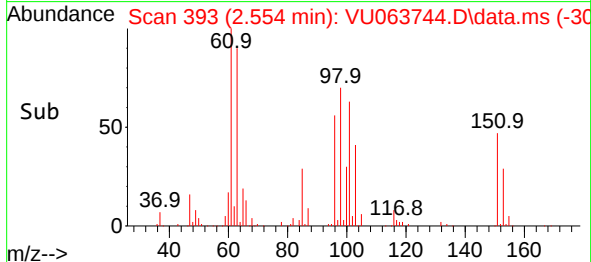
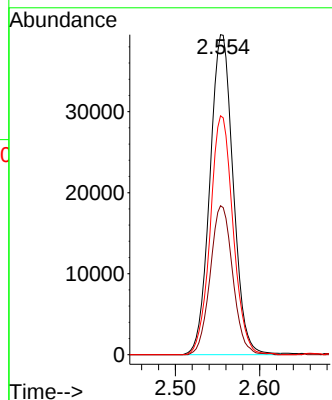
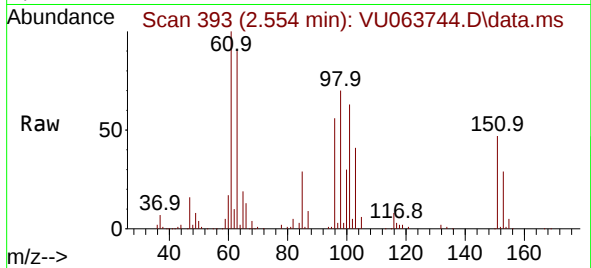




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.370 ug/L
 RT: 2.554 min Scan# 393
 Delta R.T. -0.003 min
 Lab File: VU063744.D
 Acq: 19 Nov 2025 12:32

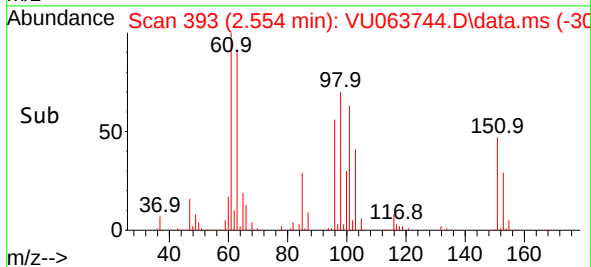
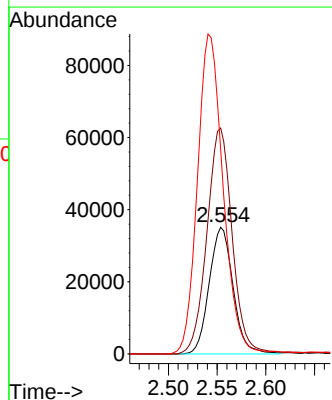
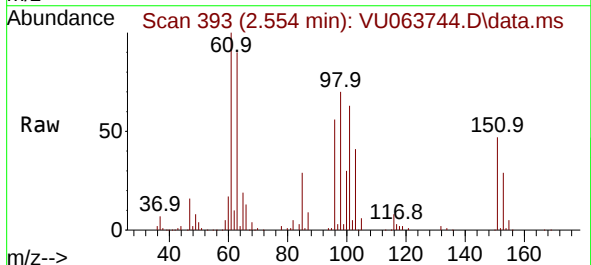
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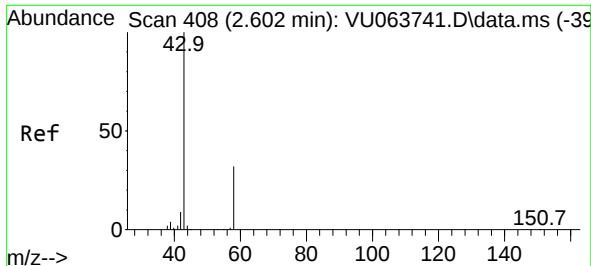
Tgt Ion:101 Resp: 75771
 Ion Ratio Lower Upper
 101 100
 85 45.0 35.7 53.5
 151 73.4 58.1 87.1



#12
 1,1-Dichloroethene
 Concen: 5.508 ug/L
 RT: 2.554 min Scan# 393
 Delta R.T. -0.003 min
 Lab File: VU063744.D
 Acq: 19 Nov 2025 12:32

Tgt Ion: 96 Resp: 59893
 Ion Ratio Lower Upper
 96 100
 61 178.2 126.6 235.2
 63 161.3 104.2 193.4





#13

Acetone

Concen: 59.737 ug/L

RT: 2.602 min Scan# 408

Delta R.T. 0.000 min

Lab File: VU063744.D

Acq: 19 Nov 2025 12:32

Instrument :

MSVOA_U

ClientSampleId :

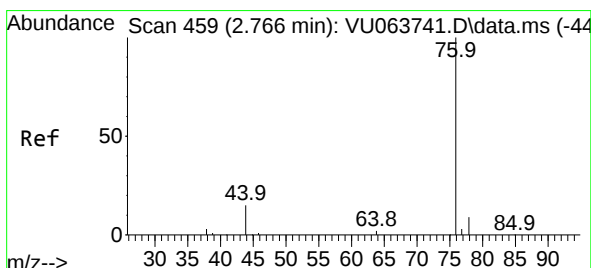
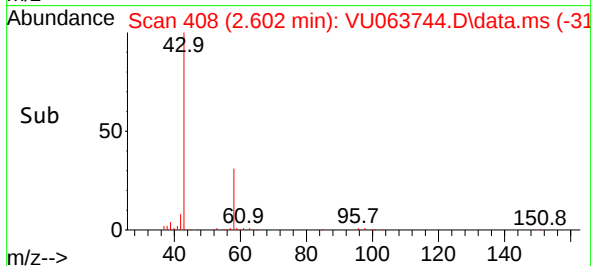
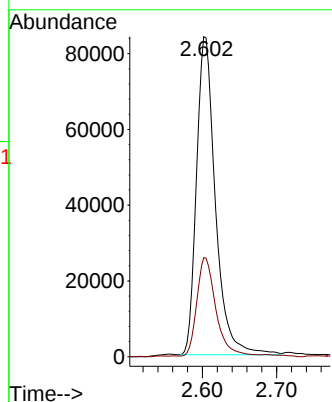
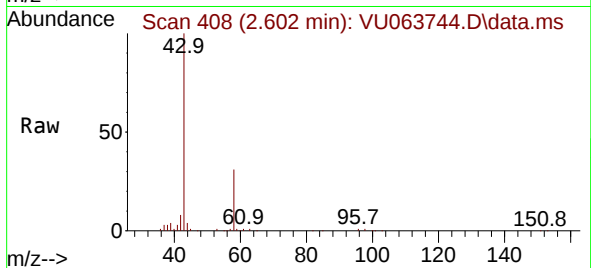
VICV032

Tgt Ion: 43 Resp: 149161

Ion Ratio Lower Upper

43 100

58 31.3 0.0 64.8



#14

Carbon disulfide

Concen: 5.048 ug/L

RT: 2.766 min Scan# 459

Delta R.T. 0.000 min

Lab File: VU063744.D

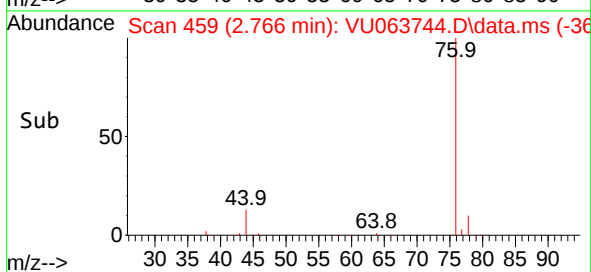
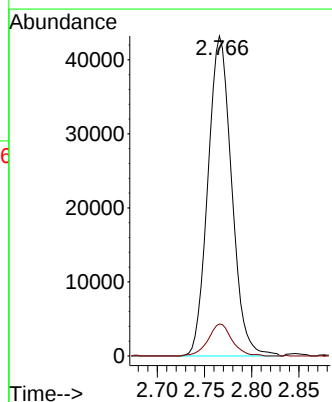
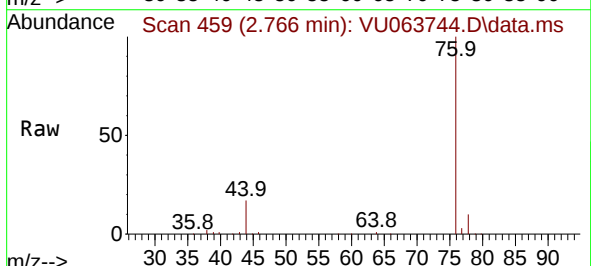
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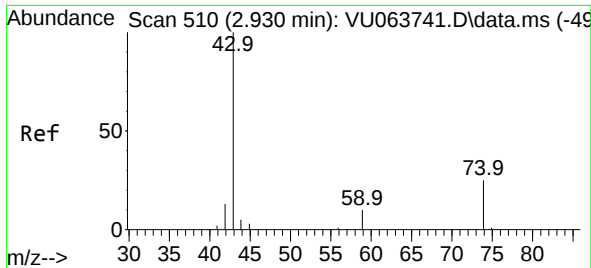
Tgt Ion: 76 Resp: 75477

Ion Ratio Lower Upper

76 100

78 10.0 7.4 11.2

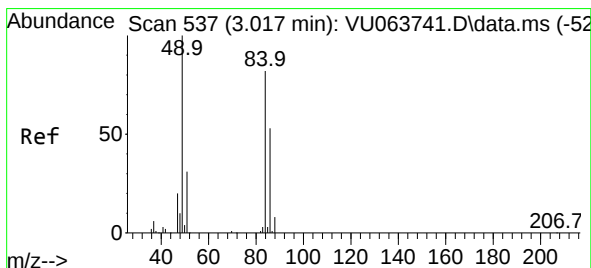
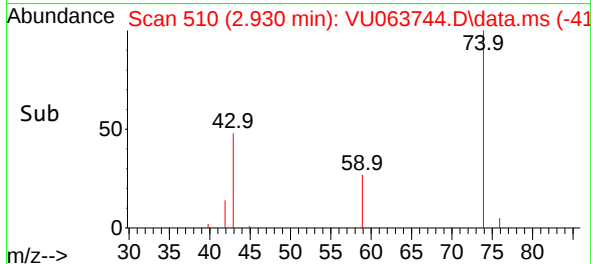
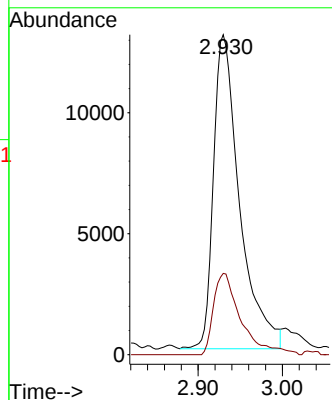
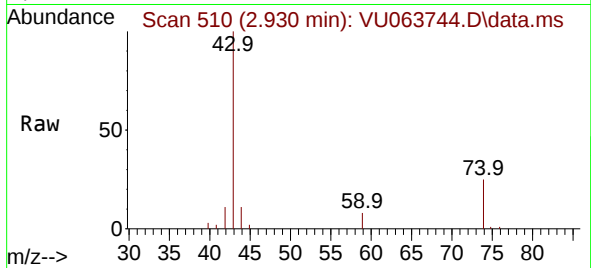




#15
Methyl Acetate
Concen: 5.676 ug/L
RT: 2.930 min Scan# 510
Delta R.T. 0.000 min
Lab File: VU063744.D
Acq: 19 Nov 2025 12:32

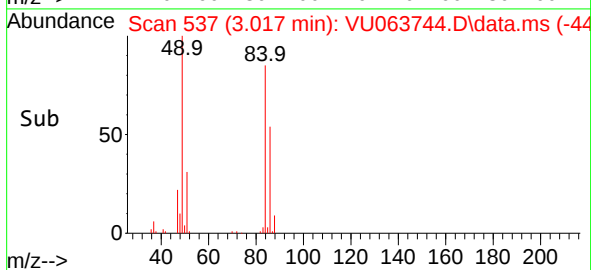
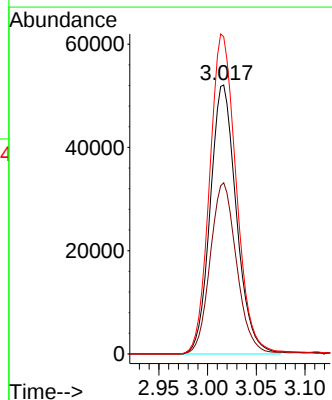
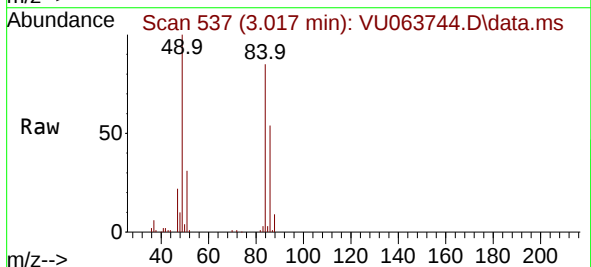
Instrument :
MSVOA_U
ClientSampleId :
VICV032

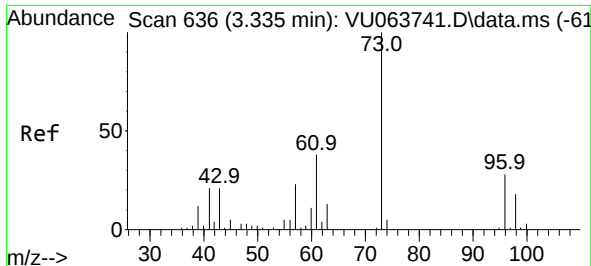
Tgt Ion: 43 Resp: 27934
Ion Ratio Lower Upper
43 100
74 27.0 21.7 32.5



#16
Methylene chloride
Concen: 6.427 ug/L
RT: 3.017 min Scan# 537
Delta R.T. 0.000 min
Lab File: VU063744.D
Acq: 19 Nov 2025 12:32

Tgt Ion: 84 Resp: 97404
Ion Ratio Lower Upper
84 100
86 63.6 45.1 83.9
49 117.9 85.2 158.2





#17

Methyl tert-butyl Ether

Concen: 5.658 ug/L

RT: 3.335 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU063744.D

Acq: 19 Nov 2025 12:32

Instrument :

MSVOA_U

ClientSampleId :

VICV032

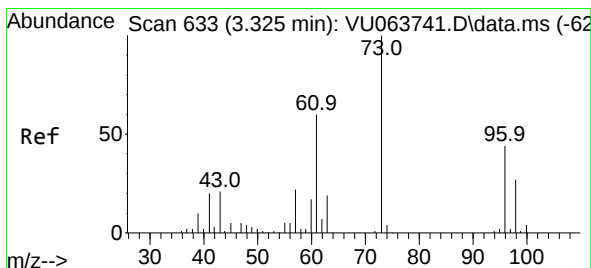
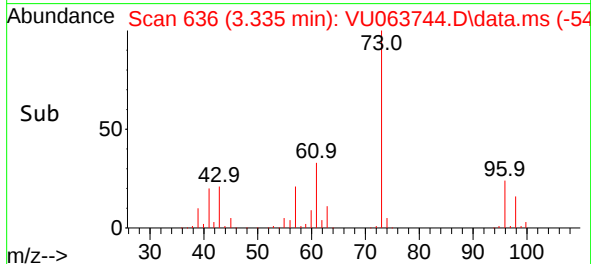
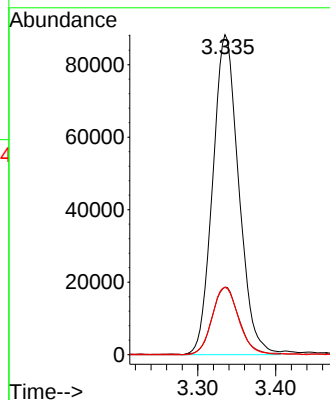
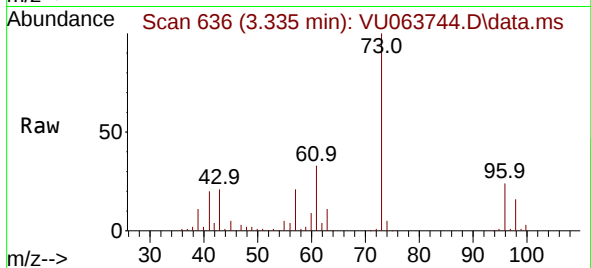
Tgt Ion: 73 Resp: 204762

Ion Ratio Lower Upper

73 100

43 22.0 17.0 25.4

57 21.5 17.1 25.7



#18

trans-1,2-Dichloroethene

Concen: 5.293 ug/L

RT: 3.322 min Scan# 632

Delta R.T. -0.003 min

Lab File: VU063744.D

Acq: 19 Nov 2025 12:32

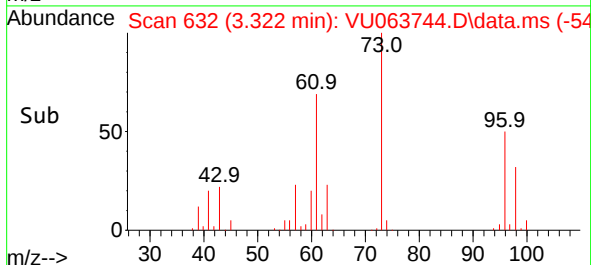
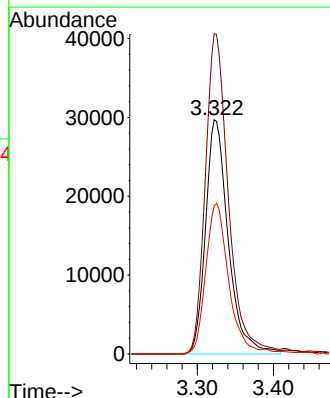
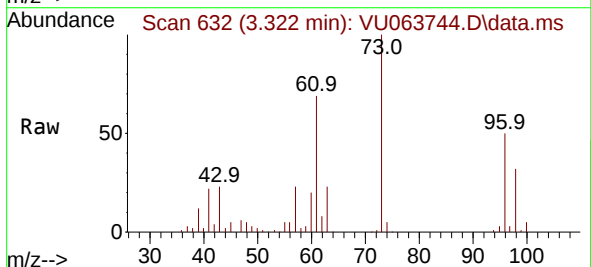
Tgt Ion: 96 Resp: 61734

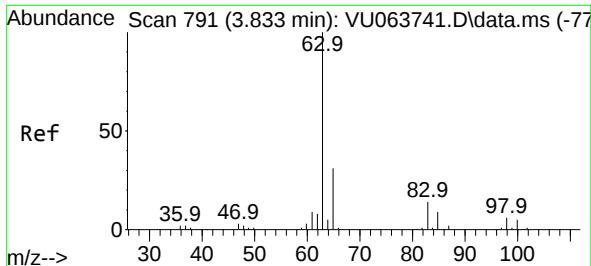
Ion Ratio Lower Upper

96 100

61 136.6 95.8 178.0

98 63.1 43.2 80.2





#19

1,1-Dichloroethane

Concen: 5.364 ug/L

RT: 3.833 min Scan# 791

Delta R.T. 0.000 min

Lab File: VU063744.D

Acq: 19 Nov 2025 12:32

Instrument :

MSVOA_U

ClientSampleId :

VICV032

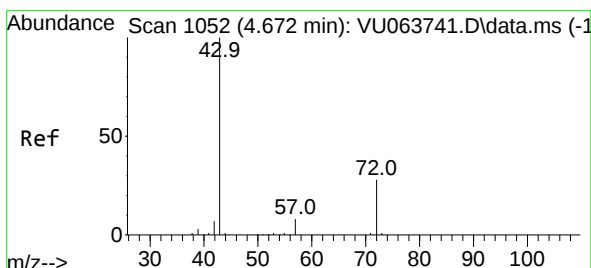
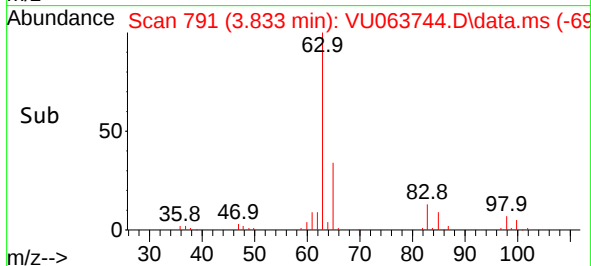
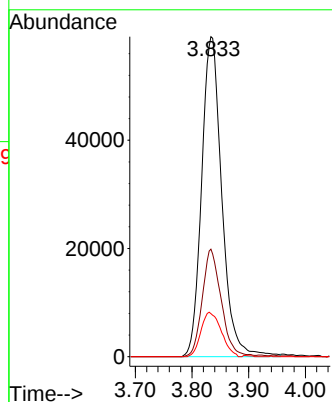
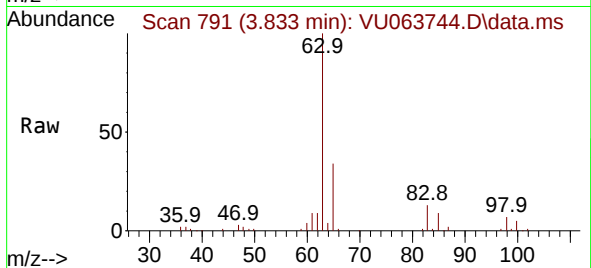
Tgt Ion: 63 Resp: 146475

Ion Ratio Lower Upper

63 100

65 33.6 22.0 40.8

83 13.5 9.9 18.3



#21

2-Butanone

Concen: 61.156 ug/L

RT: 4.672 min Scan# 1052

Delta R.T. 0.000 min

Lab File: VU063744.D

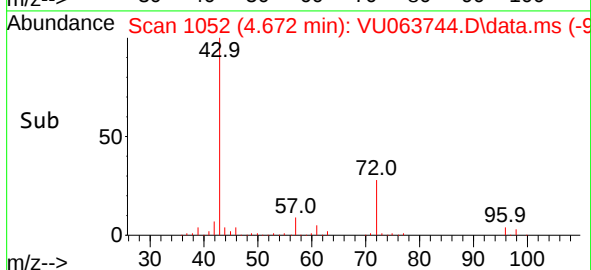
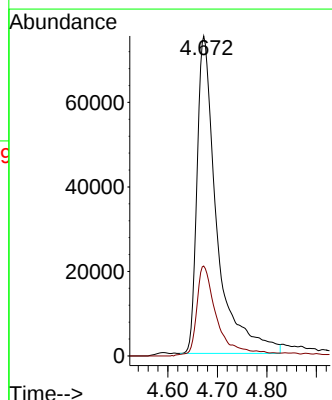
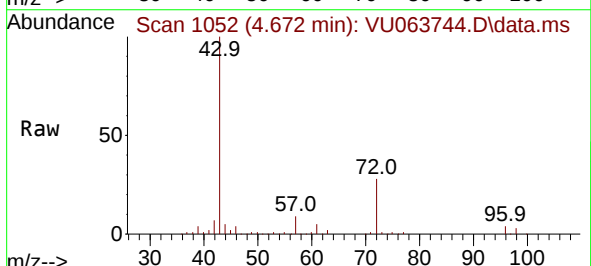
Acq: 19 Nov 2025 12:32

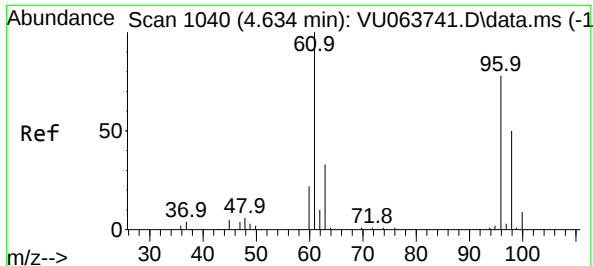
Tgt Ion: 43 Resp: 209575

Ion Ratio Lower Upper

43 100

72 28.1 13.6 40.8

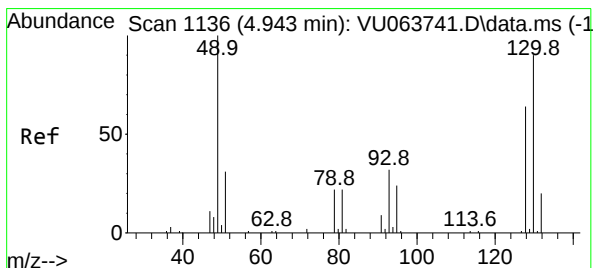
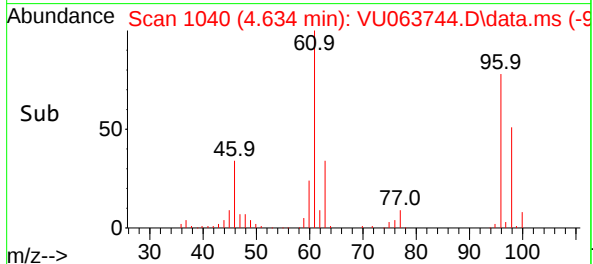
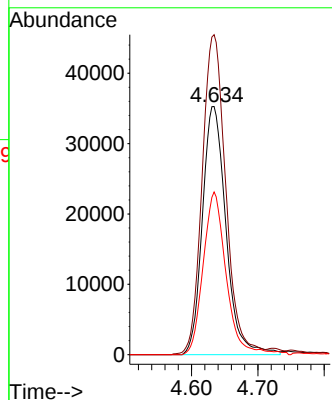
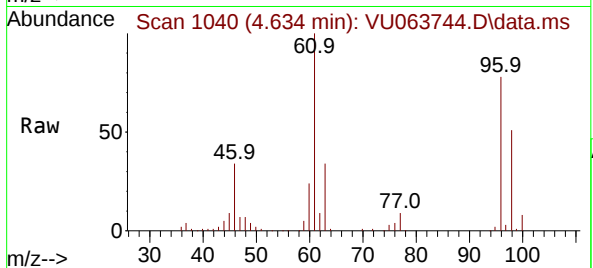




#22
 cis-1,2-Dichloroethene
 Concen: 5.386 ug/L
 RT: 4.634 min Scan# 1040
 Delta R.T. 0.000 min
 Lab File: VU063744.D
 Acq: 19 Nov 2025 12:32

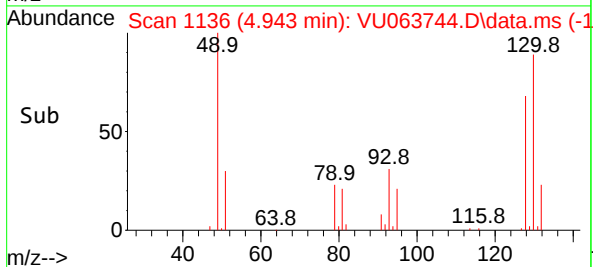
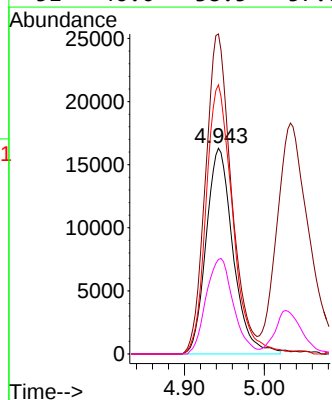
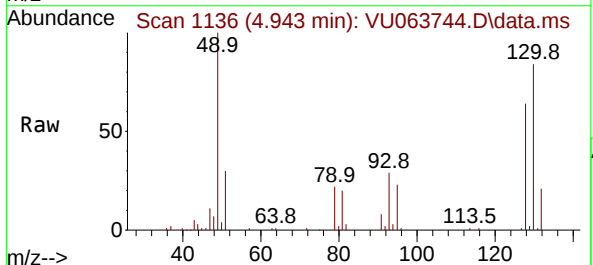
Instrument :
 MSVOA_U
 ClientSampleId :
 VICV032

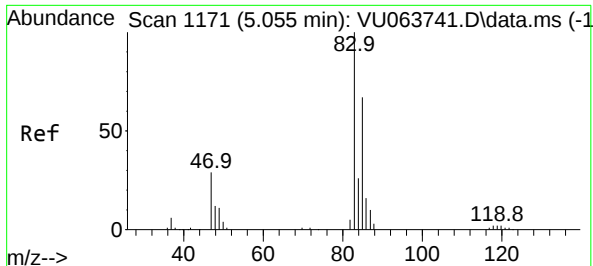
Tgt Ion: 96 Resp: 87101
 Ion Ratio Lower Upper
 96 100
 61 128.9 89.5 166.1
 98 65.6 44.6 82.8



#23
 Bromochloromethane
 Concen: 5.653 ug/L
 RT: 4.943 min Scan# 1136
 Delta R.T. 0.000 min
 Lab File: VU063744.D
 Acq: 19 Nov 2025 12:32

Tgt Ion: 128 Resp: 37995
 Ion Ratio Lower Upper
 128 100
 49 155.5 110.0 204.4
 130 130.8 98.9 183.7
 51 46.0 38.5 57.7





#25

Chloroform

Concen: 5.315 ug/L

RT: 5.055 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VU063744.D

Acq: 19 Nov 2025 12:32

Instrument :

MSVOA_U

ClientSampleId :

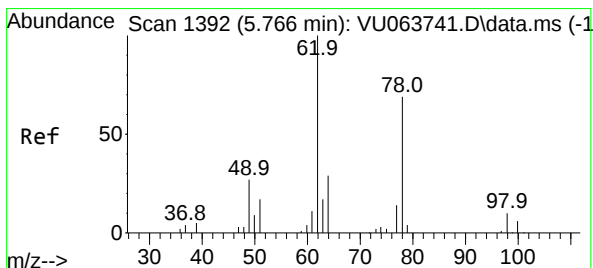
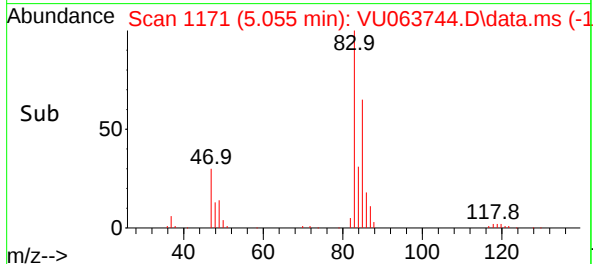
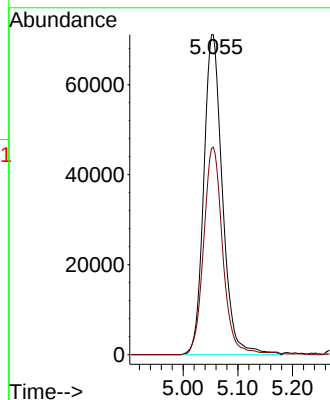
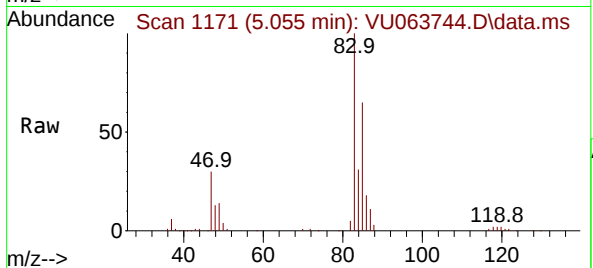
VICV032

Tgt Ion: 83 Resp: 168607

Ion Ratio Lower Upper

83 100

85 64.9 47.3 87.9



#27

1,2-Dichloroethane

Concen: 5.407 ug/L

RT: 5.762 min Scan# 1391

Delta R.T. -0.003 min

Lab File: VU063744.D

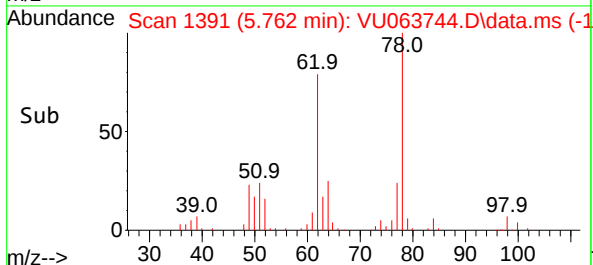
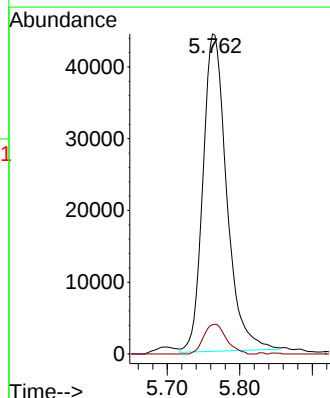
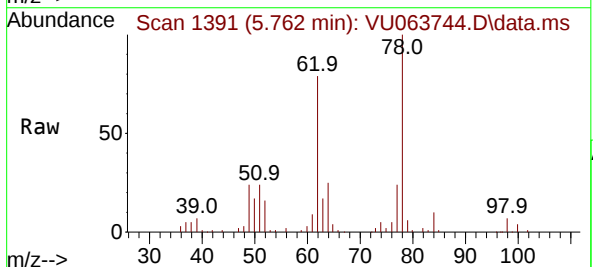
Acq: 19 Nov 2025 12:32

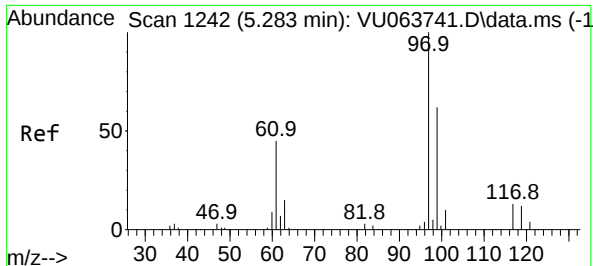
Tgt Ion: 62 Resp: 100737

Ion Ratio Lower Upper

62 100

98 9.1 7.6 11.4





#29

1,1,1-Trichloroethane

Concen: 5.393 ug/L

RT: 5.283 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU063744.D

Acq: 19 Nov 2025 12:32

Instrument :

MSVOA_U

ClientSampleId :

VICV032

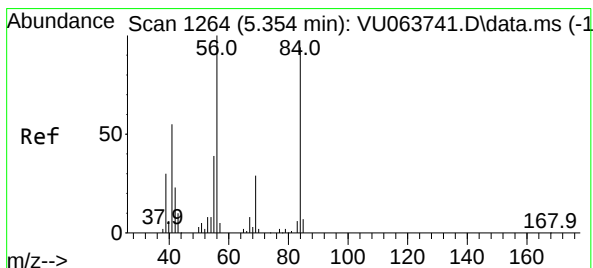
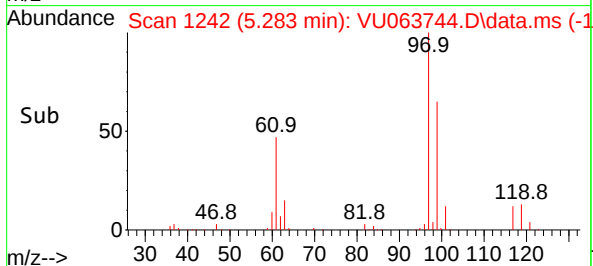
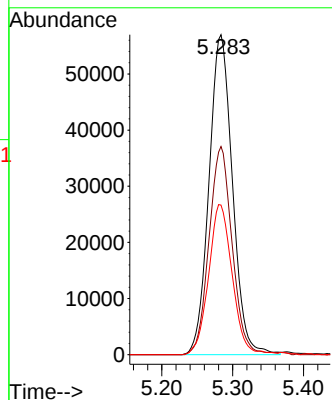
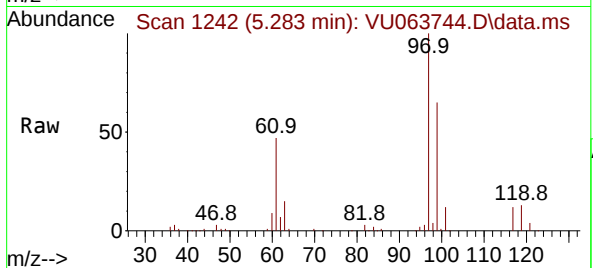
Tgt Ion: 97 Resp: 131277

Ion Ratio Lower Upper

97 100

99 64.4 51.4 77.2

61 46.6 37.4 56.2



#30

Cyclohexane

Concen: 5.400 ug/L

RT: 5.354 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VU063744.D

Acq: 19 Nov 2025 12:32

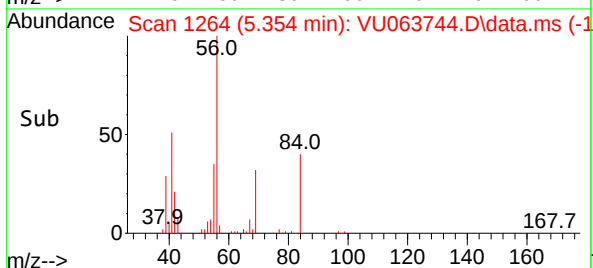
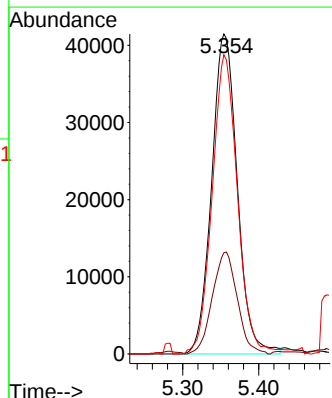
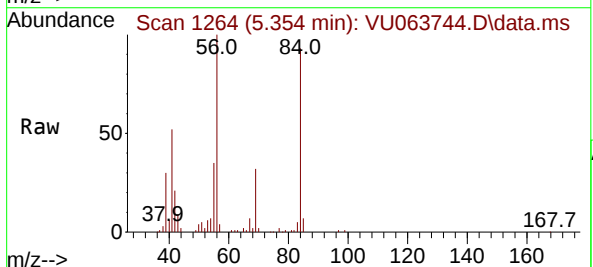
Tgt Ion: 56 Resp: 97053

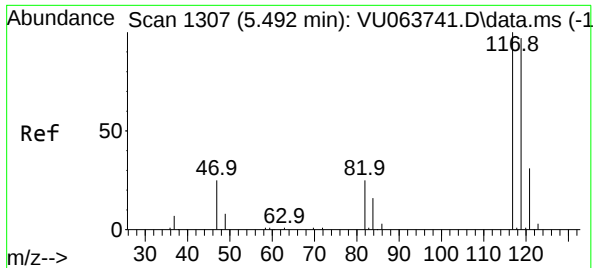
Ion Ratio Lower Upper

56 100

69 31.0 24.3 36.5

84 92.2 72.0 108.0

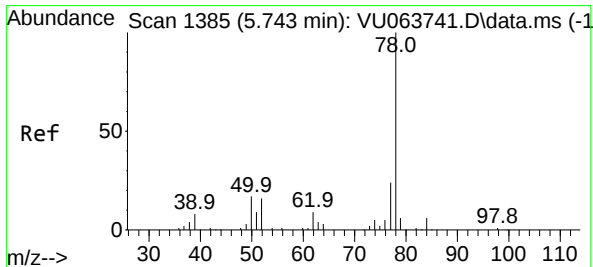
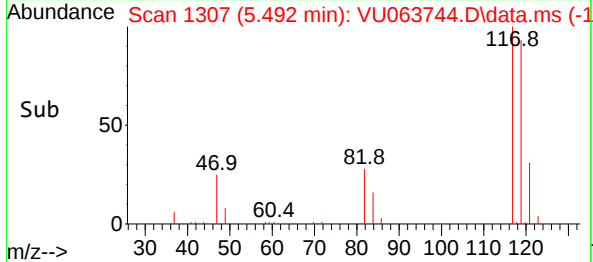
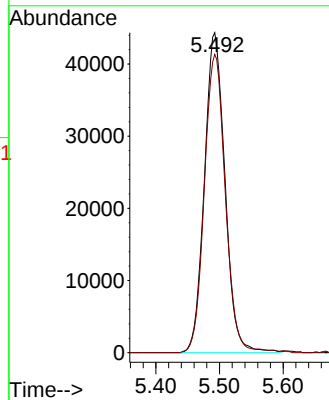
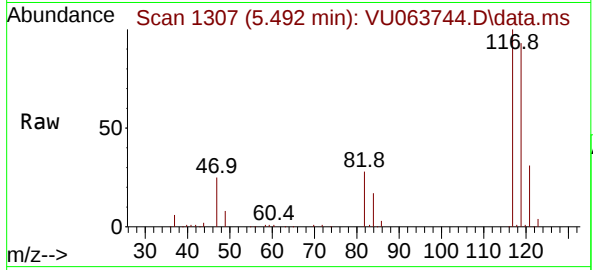




#31
Carbon tetrachloride
Concen: 5.400 ug/L
RT: 5.492 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VU063744.D
Acq: 19 Nov 2025 12:32

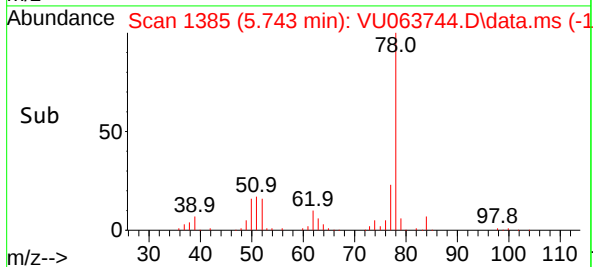
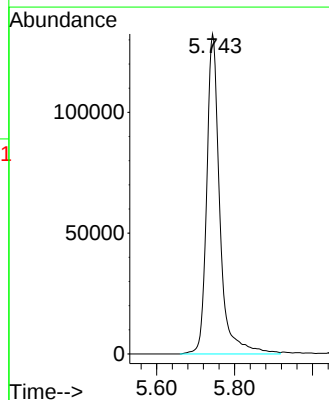
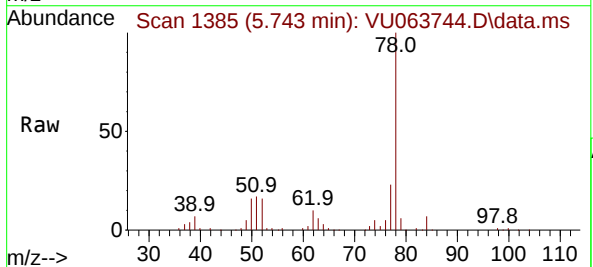
Instrument :
MSVOA_U
ClientSampleId :
VICV032

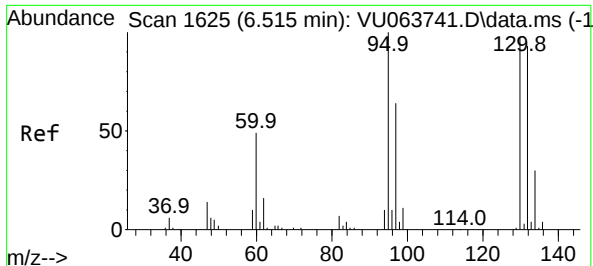
Tgt Ion:117 Resp: 99588
Ion Ratio Lower Upper
117 100
119 94.9 77.0 115.4



#33
Benzene
Concen: 5.441 ug/L
RT: 5.743 min Scan# 1385
Delta R.T. 0.000 min
Lab File: VU063744.D
Acq: 19 Nov 2025 12:32

Tgt Ion: 78 Resp: 309599

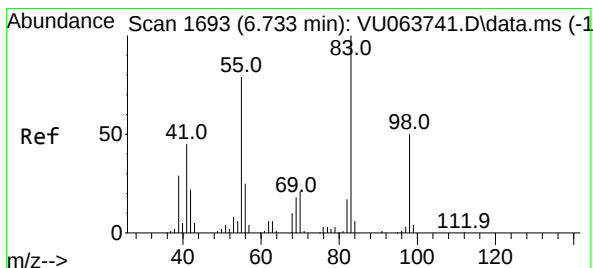
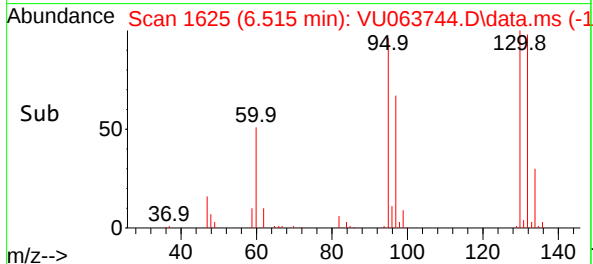
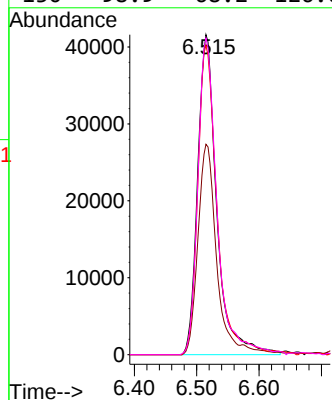
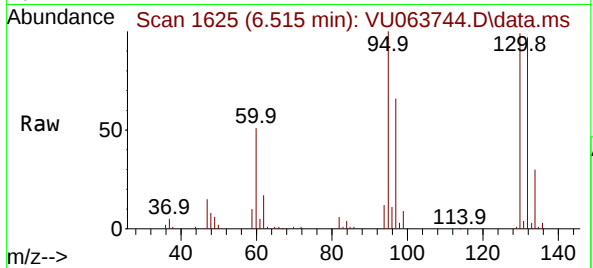




#34
Trichloroethene
Concen: 5.259 ug/L
RT: 6.515 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VU063744.D
Acq: 19 Nov 2025 12:32

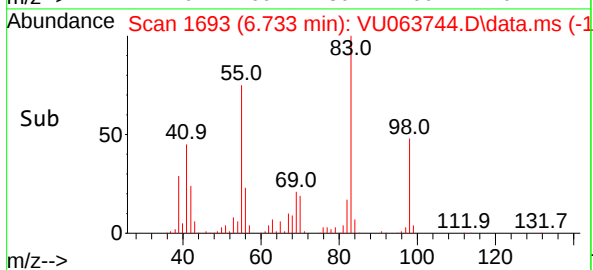
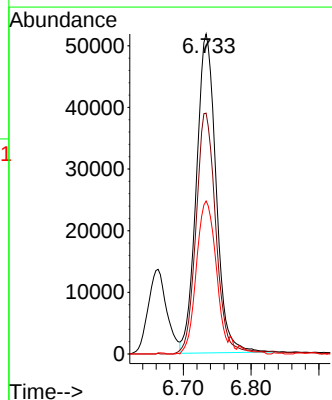
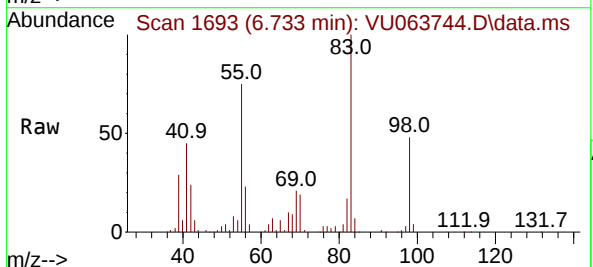
Instrument :
MSVOA_U
ClientSampleId :
VICV032

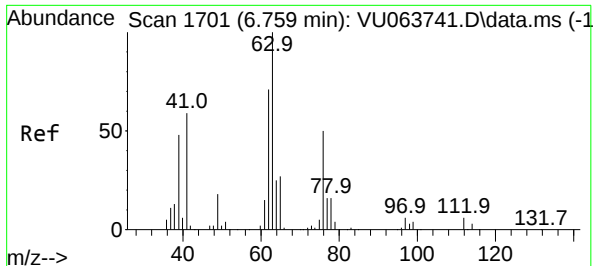
Tgt Ion: 95 Resp: 88811
Ion Ratio Lower Upper
95 100
97 65.8 44.9 83.5
132 96.7 65.4 121.4
130 98.9 68.2 126.6



#35
Methylcyclohexane
Concen: 5.456 ug/L
RT: 6.733 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VU063744.D
Acq: 19 Nov 2025 12:32

Tgt Ion: 83 Resp: 104618
Ion Ratio Lower Upper
83 100
55 76.1 62.5 93.7
98 49.0 40.3 60.5

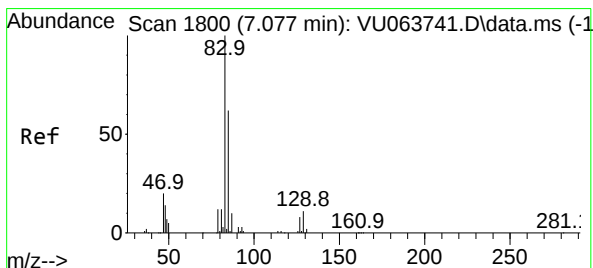
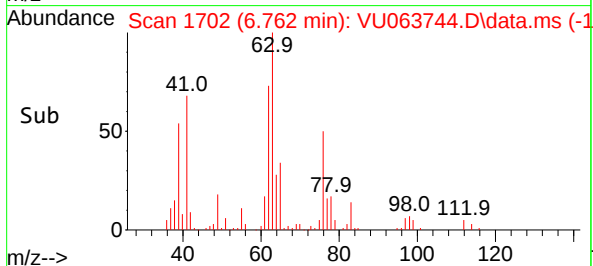
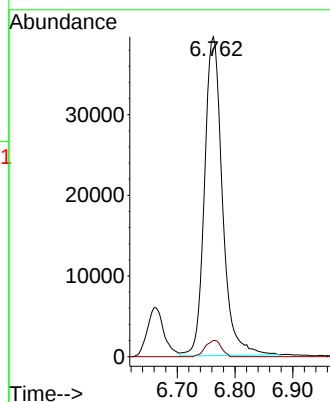
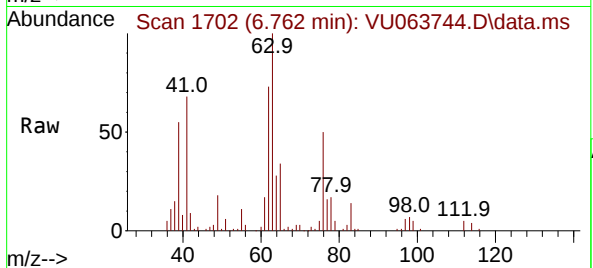




#37
1,2-Dichloropropane
Concen: 5.340 ug/L
RT: 6.762 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU063744.D
Acq: 19 Nov 2025 12:32

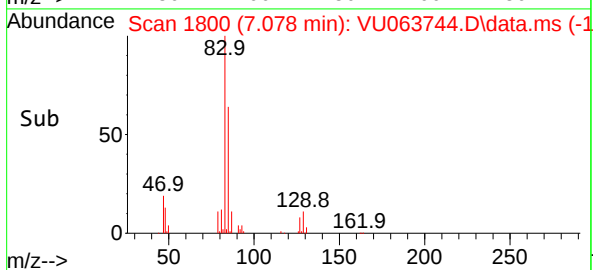
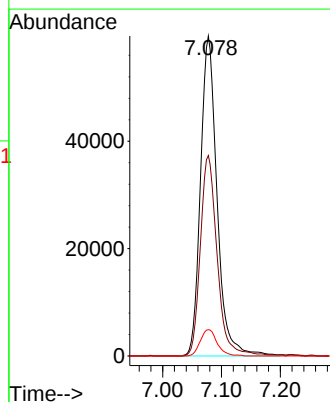
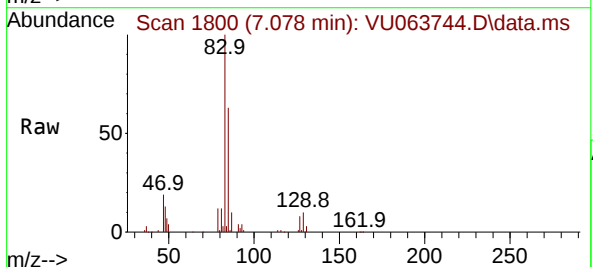
Instrument :
MSVOA_U
ClientSampleId :
VICV032

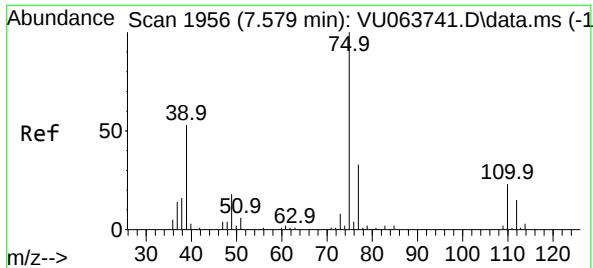
Tgt Ion: 63 Resp: 85311
Ion Ratio Lower Upper
63 100
112 4.6 3.8 5.8



#38
Bromodichloromethane
Concen: 5.535 ug/L
RT: 7.078 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VU063744.D
Acq: 19 Nov 2025 12:32

Tgt Ion: 83 Resp: 116460
Ion Ratio Lower Upper
83 100
85 62.6 43.7 81.1
127 8.2 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 5.596 ug/L

RT: 7.582 min Scan# 1956

Delta R.T. 0.003 min

Lab File: VU063744.D

Acq: 19 Nov 2025 12:32

Instrument :

MSVOA_U

ClientSampleId :

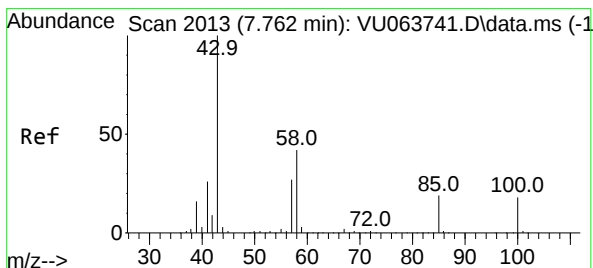
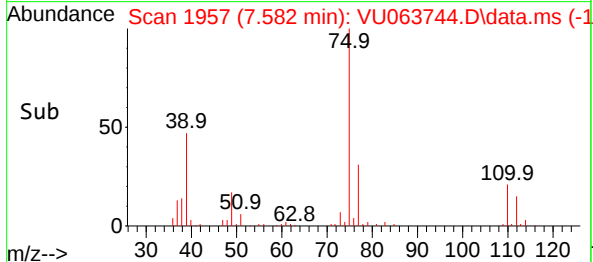
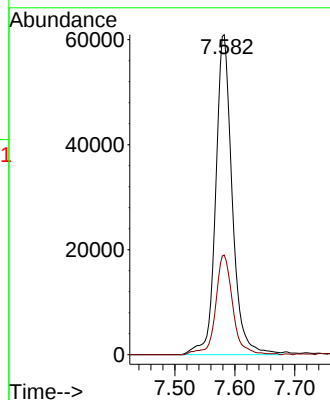
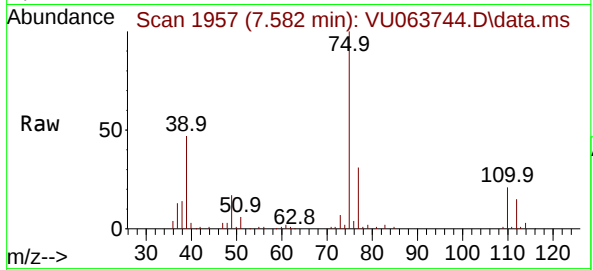
VICV032

Tgt Ion: 75 Resp: 116632

Ion Ratio Lower Upper

75 100

77 31.1 23.4 43.4



#40

4-Methyl-2-pentanone

Concen: 62.513 ug/L

RT: 7.762 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VU063744.D

Acq: 19 Nov 2025 12:32

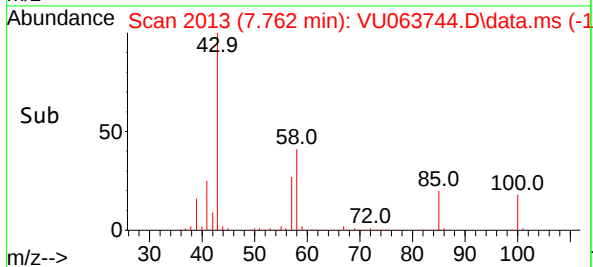
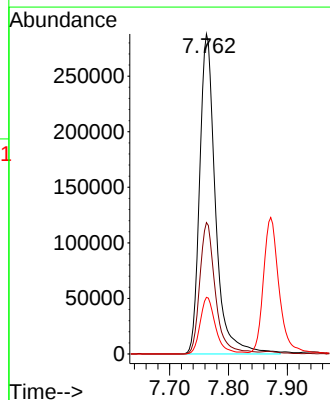
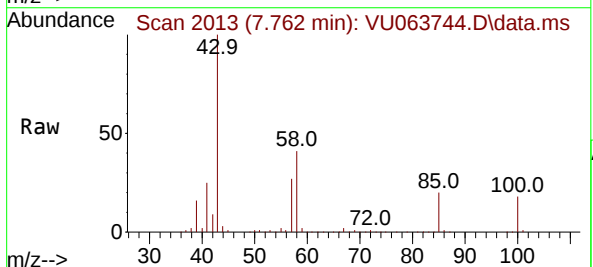
Tgt Ion: 43 Resp: 537378

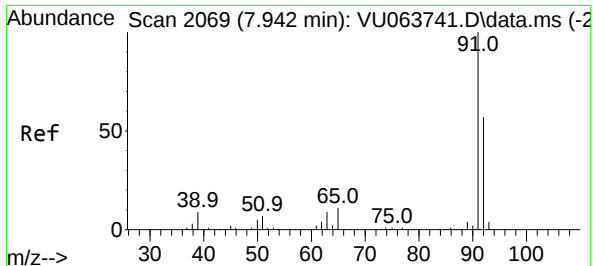
Ion Ratio Lower Upper

43 100

58 40.6 32.6 49.0

100 17.4 13.9 20.9





#42

Toluene

Concen: 5.474 ug/L

RT: 7.942 min Scan# 2069

Delta R.T. 0.000 min

Lab File: VU063744.D

Acq: 19 Nov 2025 12:32

Instrument :

MSVOA_U

ClientSampleId :

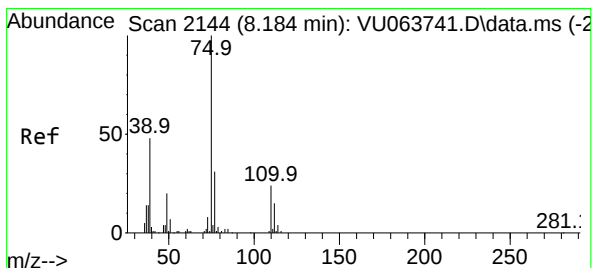
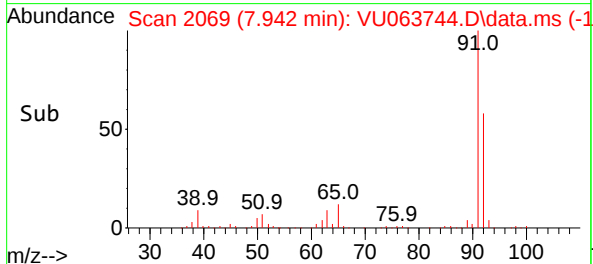
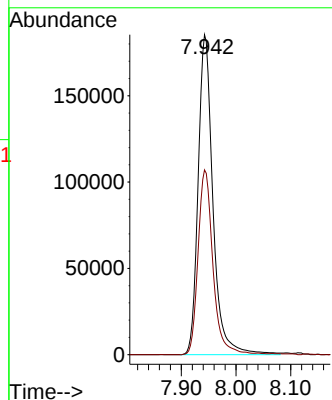
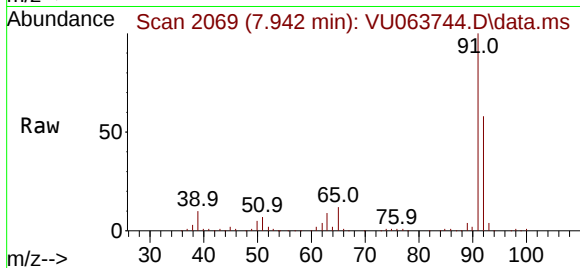
VICV032

Tgt Ion: 91 Resp: 348811

Ion Ratio Lower Upper

91 100

92 57.7 40.0 74.2



#44

trans-1,3-Dichloropropene

Concen: 5.777 ug/L

RT: 8.184 min Scan# 2144

Delta R.T. 0.000 min

Lab File: VU063744.D

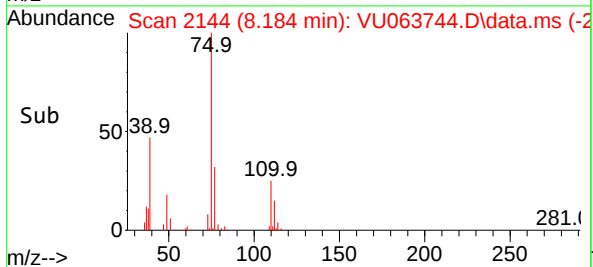
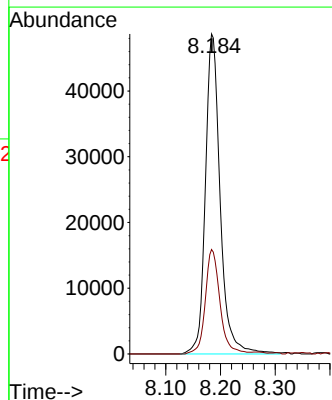
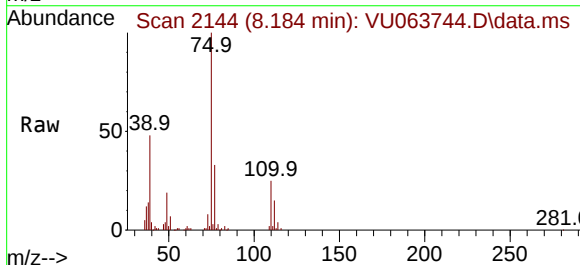
Acq: 19 Nov 2025 12:32

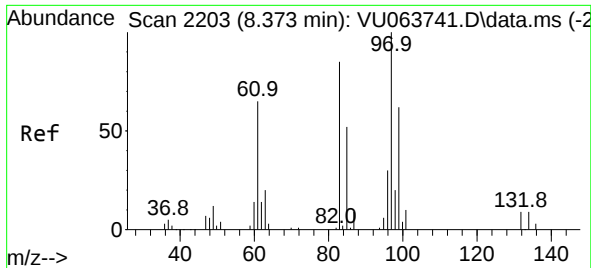
Tgt Ion: 75 Resp: 91375

Ion Ratio Lower Upper

75 100

77 32.6 21.7 40.3

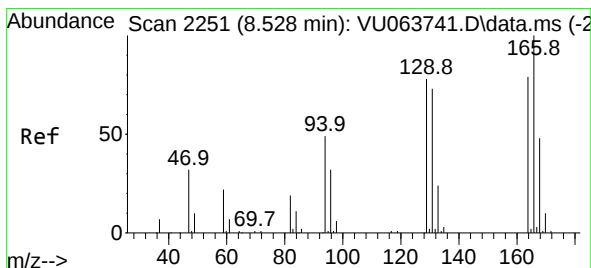
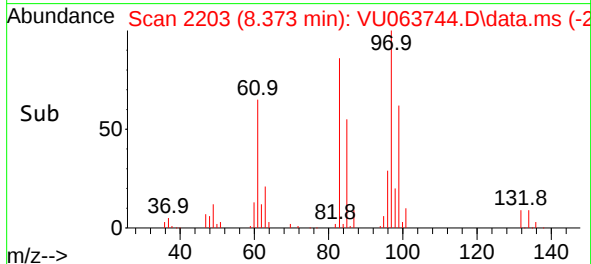
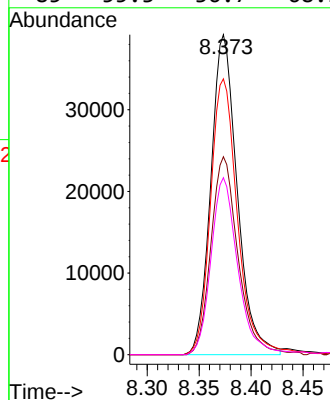
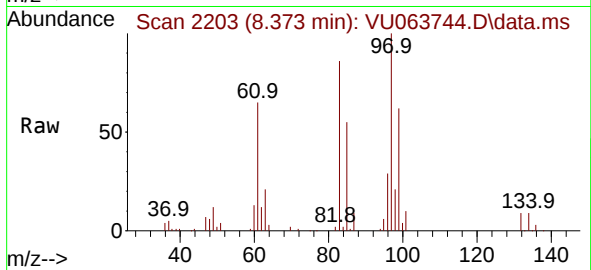




#45
1,1,2-Trichloroethane
Concen: 5.553 ug/L
RT: 8.373 min Scan# 2203
Delta R.T. 0.000 min
Lab File: VU063744.D
Acq: 19 Nov 2025 12:32

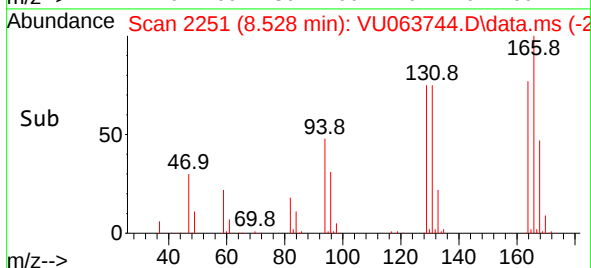
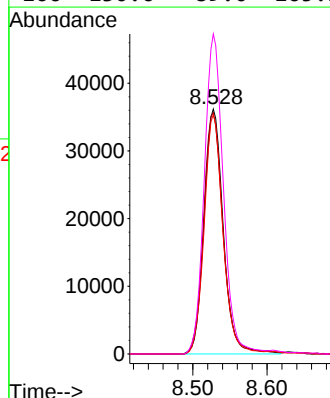
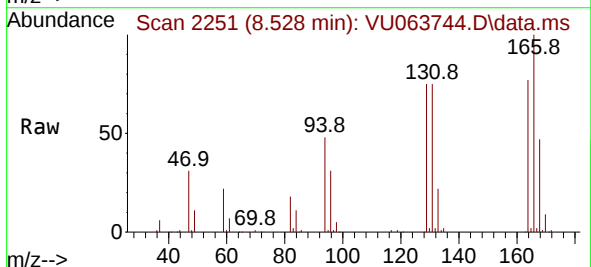
Instrument :
MSVOA_U
ClientSampleId :
VICV032

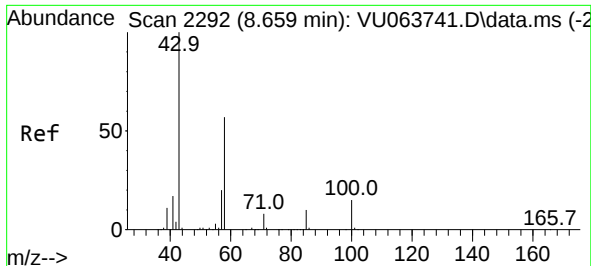
Tgt Ion:	97	Resp:	69350
Ion	Ratio	Lower	Upper
97	100		
99	61.8	43.4	80.6
83	86.2	59.4	110.2
85	55.3	36.7	68.1



#47
Tetrachloroethene
Concen: 5.260 ug/L
RT: 8.528 min Scan# 2251
Delta R.T. 0.000 min
Lab File: VU063744.D
Acq: 19 Nov 2025 12:32

Tgt Ion:	164	Resp:	65379
Ion	Ratio	Lower	Upper
164	100		
129	98.5	69.5	129.1
131	97.8	65.2	121.2
166	130.6	89.0	165.2

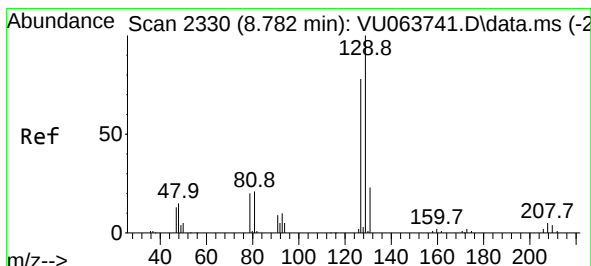
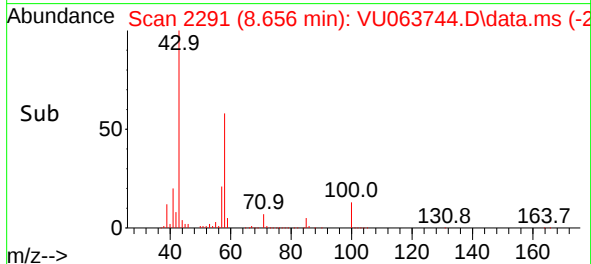
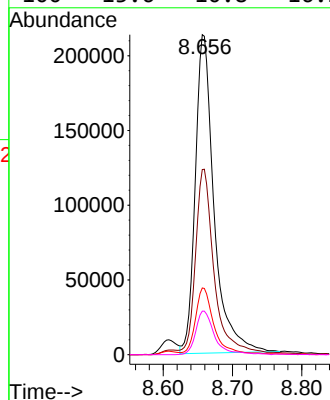
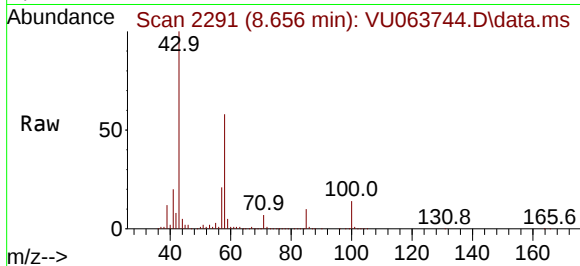




#48
2-Hexanone
Concen: 64.724 ug/L
RT: 8.656 min Scan# 2291
Delta R.T. -0.003 min
Lab File: VU063744.D
Acq: 19 Nov 2025 12:32

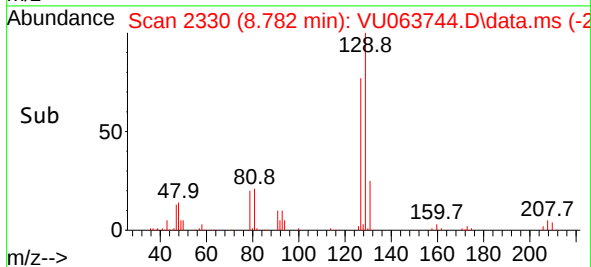
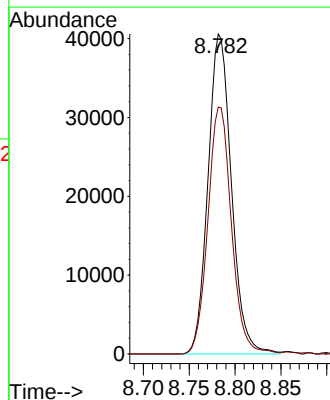
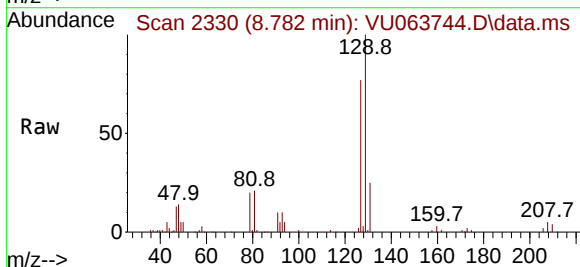
Instrument :
MSVOA_U
ClientSampleId :
VICV032

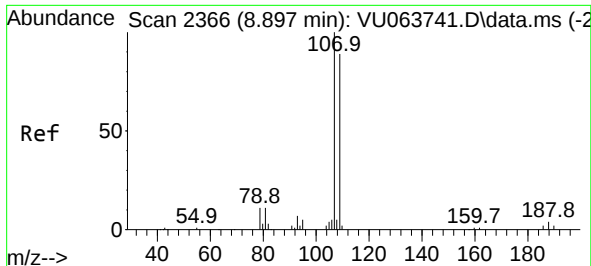
Tgt Ion: 43 Resp: 403163
Ion Ratio Lower Upper
43 100
58 58.4 43.3 64.9
57 20.2 16.2 24.2
100 13.6 10.8 16.2



#49
Dibromochloromethane
Concen: 5.679 ug/L
RT: 8.782 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VU063744.D
Acq: 19 Nov 2025 12:32

Tgt Ion:129 Resp: 72281
Ion Ratio Lower Upper
129 100
127 77.2 54.9 102.1

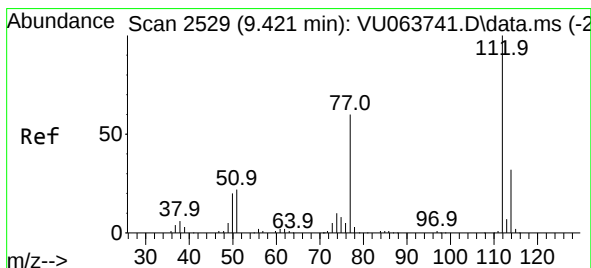
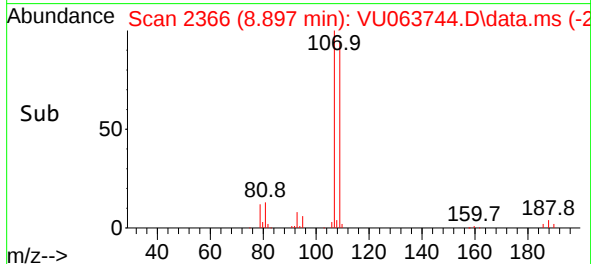
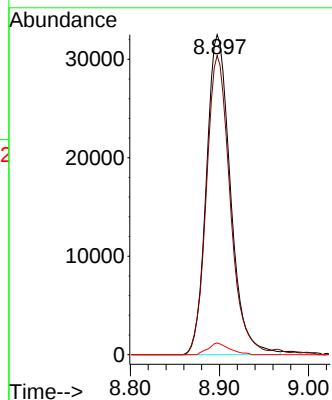
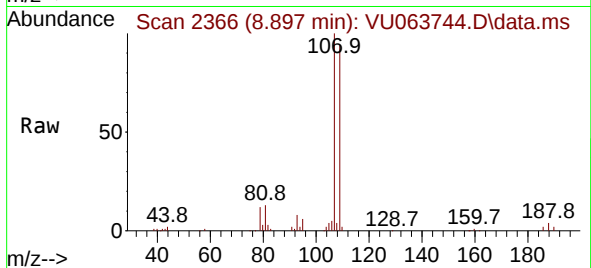




#50
1,2-Dibromoethane
Concen: 5.628 ug/L
RT: 8.897 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU063744.D
Acq: 19 Nov 2025 12:32

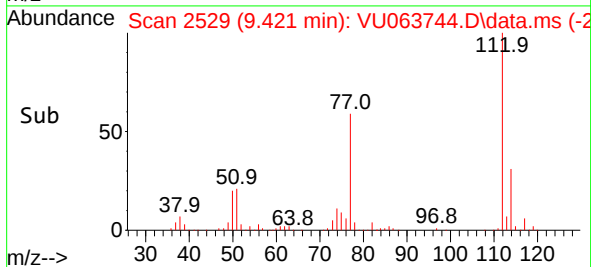
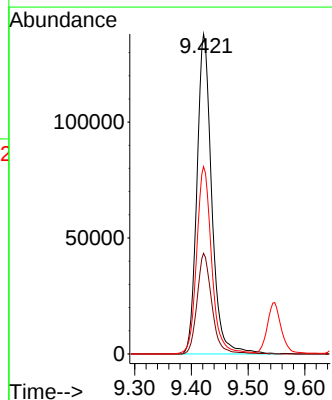
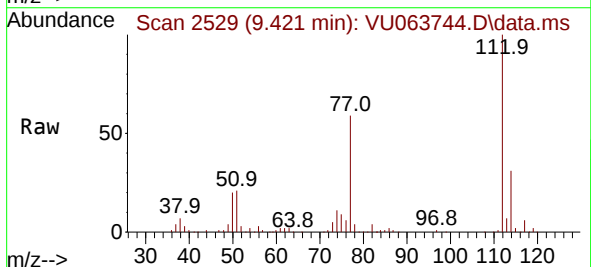
Instrument :
MSVOA_U
ClientSampleId :
VICV032

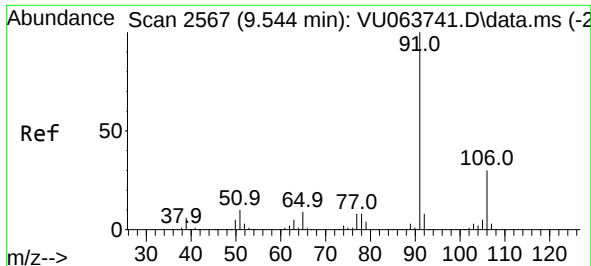
Tgt Ion:107 Resp: 60848
Ion Ratio Lower Upper
107 100
109 93.5 62.6 116.3
188 3.7 2.8 4.2



#51
Chlorobenzene
Concen: 5.328 ug/L
RT: 9.421 min Scan# 2529
Delta R.T. 0.000 min
Lab File: VU063744.D
Acq: 19 Nov 2025 12:32

Tgt Ion:112 Resp: 249488
Ion Ratio Lower Upper
112 100
114 31.5 22.4 41.6
77 58.5 48.3 72.5

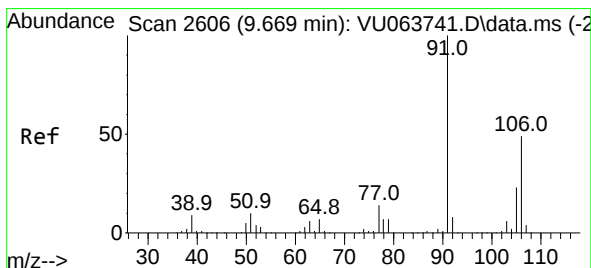
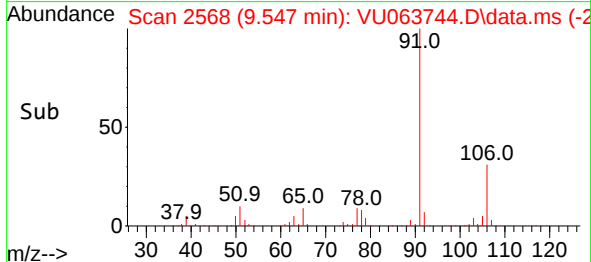
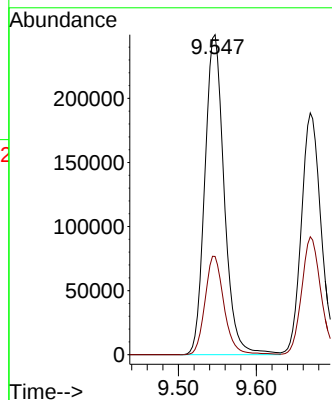
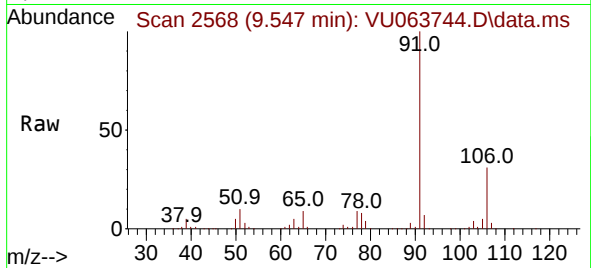




#52
Ethylbenzene
Concen: 5.452 ug/L
RT: 9.547 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063744.D
Acq: 19 Nov 2025 12:32

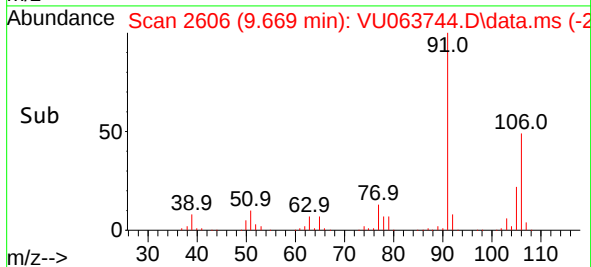
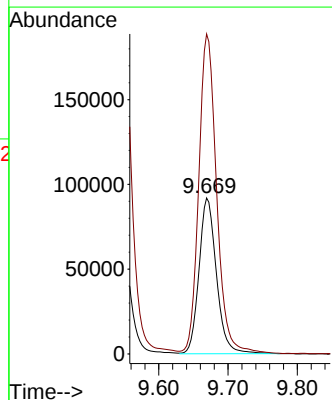
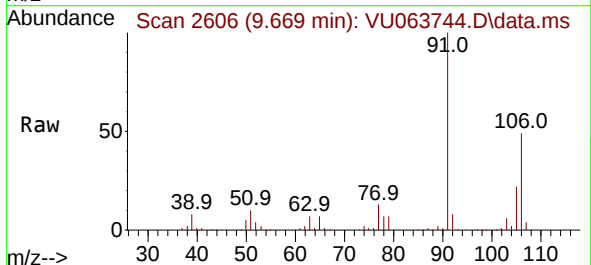
Instrument :
MSVOA_U
ClientSampleId :
VICV032

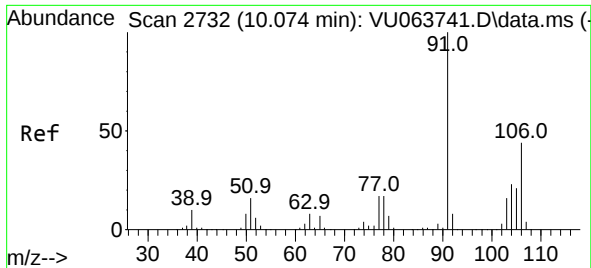
Tgt Ion: 91 Resp: 430765
Ion Ratio Lower Upper
91 100
106 30.7 21.1 39.3



#53
m,p-Xylene
Concen: 5.389 ug/L
RT: 9.669 min Scan# 2606
Delta R.T. 0.000 min
Lab File: VU063744.D
Acq: 19 Nov 2025 12:32

Tgt Ion:106 Resp: 160786
Ion Ratio Lower Upper
106 100
91 205.0 144.5 268.3

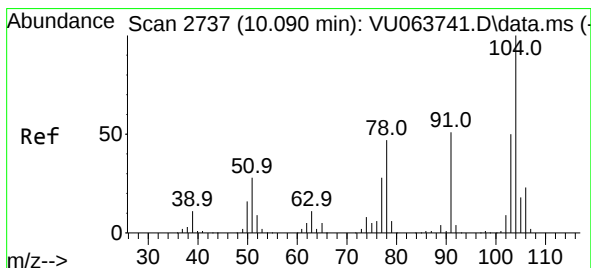
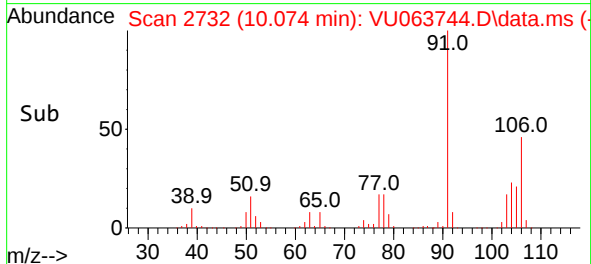
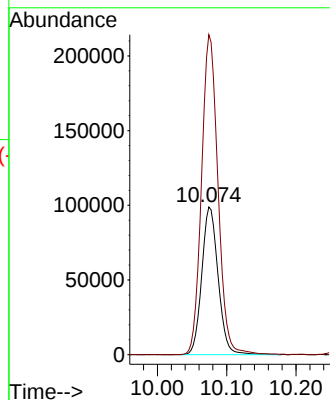
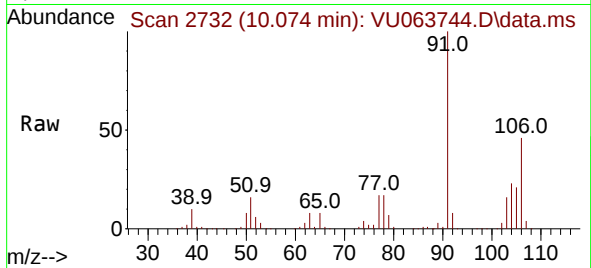




#54
o-Xylene
Concen: 5.492 ug/L
RT: 10.074 min Scan# 2732
Delta R.T. 0.000 min
Lab File: VU063744.D
Acq: 19 Nov 2025 12:32

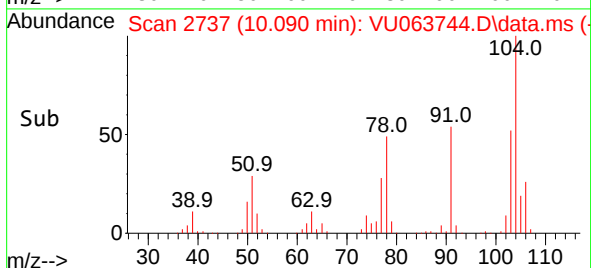
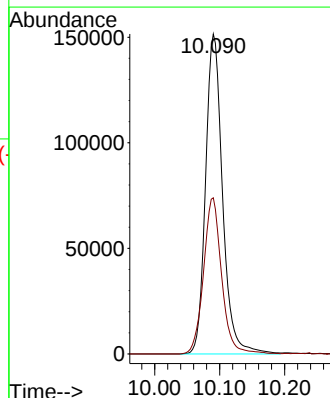
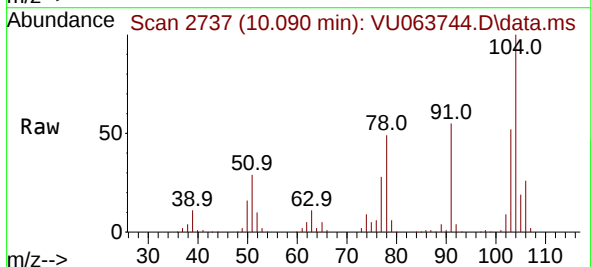
Instrument :
MSVOA_U
ClientSampleId :
VICV032

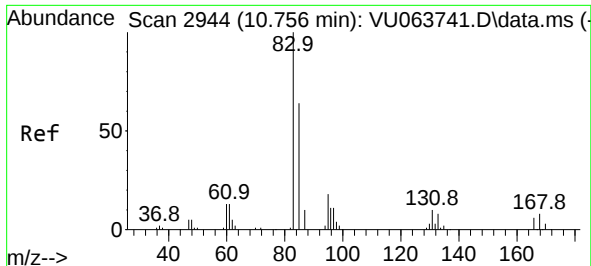
Tgt Ion:106 Resp: 161868
Ion Ratio Lower Upper
106 100
91 216.6 157.4 292.4



#55
Styrene
Concen: 5.703 ug/L
RT: 10.090 min Scan# 2737
Delta R.T. 0.000 min
Lab File: VU063744.D
Acq: 19 Nov 2025 12:32

Tgt Ion:104 Resp: 276380
Ion Ratio Lower Upper
104 100
78 48.8 32.7 60.7





#57

1,1,2,2-Tetrachloroethane

Concen: 5.621 ug/L

RT: 10.756 min Scan# 2944

Delta R.T. 0.000 min

Lab File: VU063744.D

Acq: 19 Nov 2025 12:32

Instrument :

MSVOA_U

ClientSampleId :

VICV032

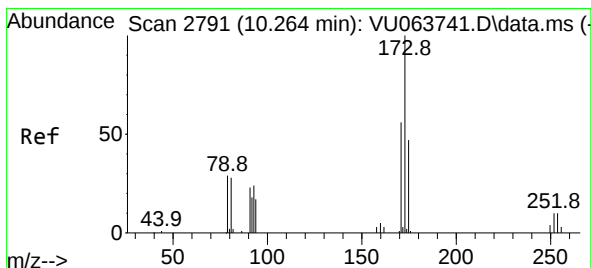
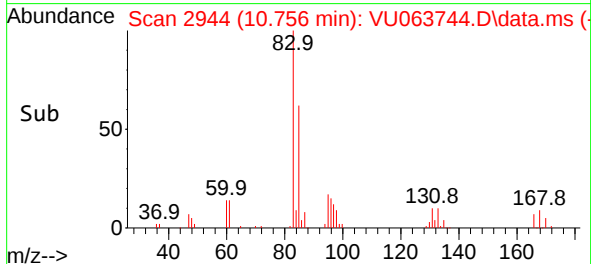
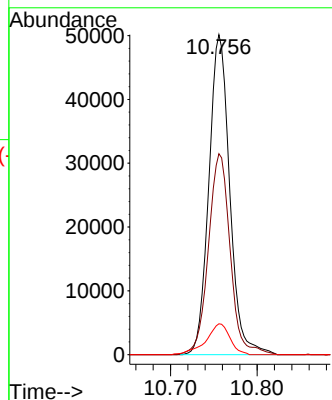
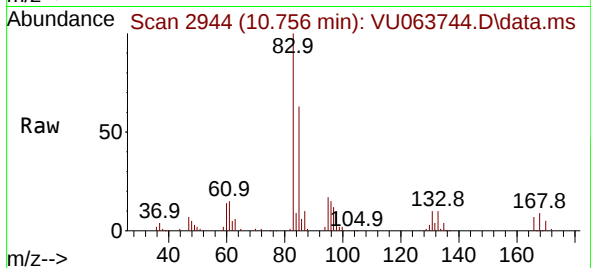
Tgt Ion: 83 Resp: 83968

Ion Ratio Lower Upper

83 100

85 62.8 45.2 84.0

131 9.7 8.4 12.6



#59

Bromoform

Concen: 5.655 ug/L

RT: 10.264 min Scan# 2791

Delta R.T. 0.000 min

Lab File: VU063744.D

Acq: 19 Nov 2025 12:32

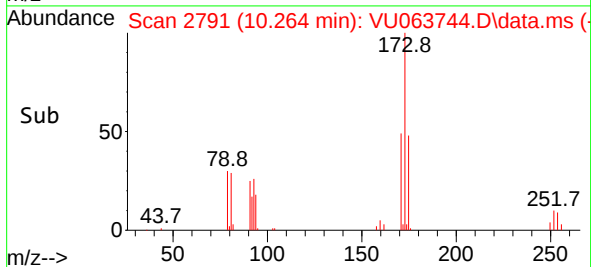
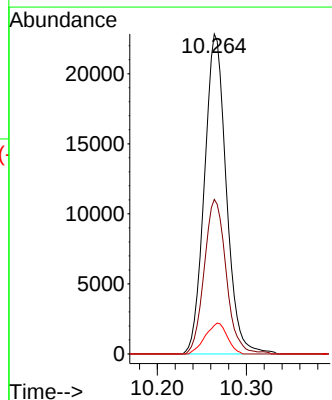
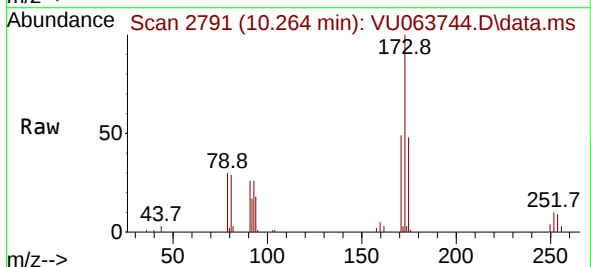
Tgt Ion: 173 Resp: 38856

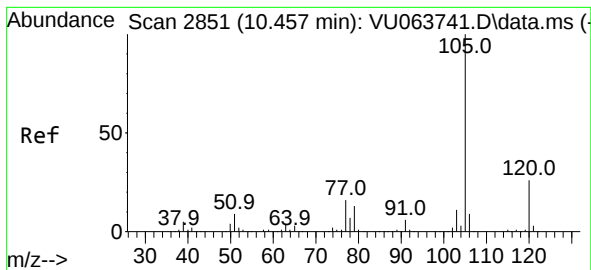
Ion Ratio Lower Upper

173 100

175 48.5 37.8 56.8

254 9.7 7.8 11.8





#60

Isopropylbenzene

Concen: 5.380 ug/L

RT: 10.460 min Scan# 2851

Delta R.T. 0.003 min

Lab File: VU063744.D

Acq: 19 Nov 2025 12:32

Instrument :

MSVOA_U

ClientSampleId :

VICV032

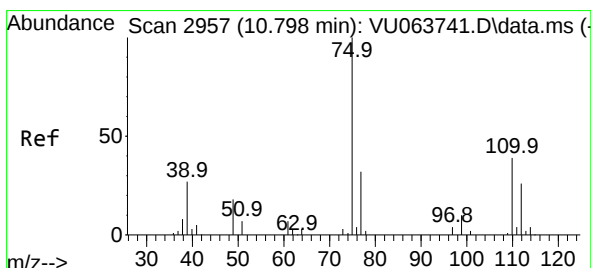
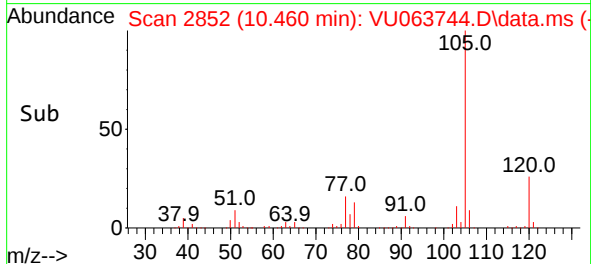
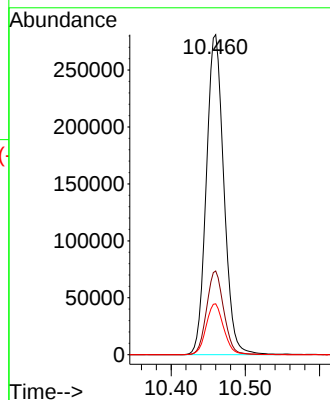
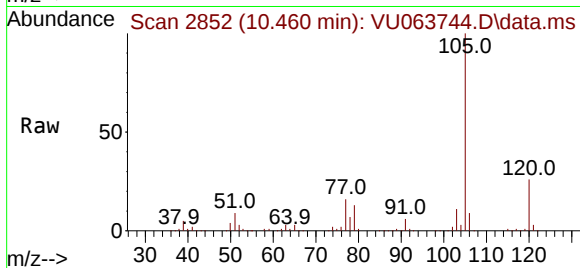
Tgt Ion:105 Resp: 459610

Ion Ratio Lower Upper

105 100

120 25.6 20.6 31.0

77 16.0 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 5.790 ug/L

RT: 10.798 min Scan# 2957

Delta R.T. 0.000 min

Lab File: VU063744.D

Acq: 19 Nov 2025 12:32

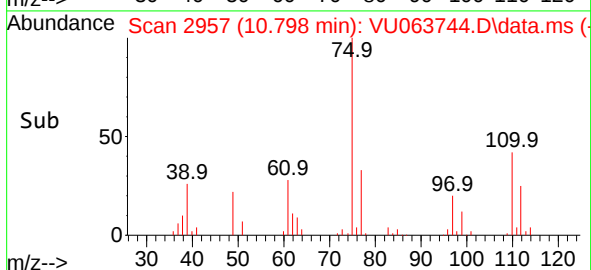
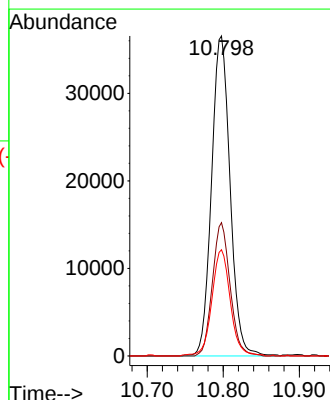
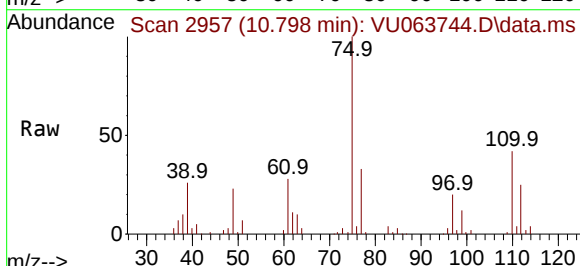
Tgt Ion: 75 Resp: 61970

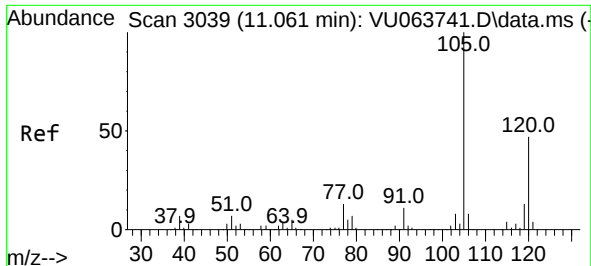
Ion Ratio Lower Upper

75 100

110 39.7 31.2 46.8

77 33.0 26.6 40.0





#62

1,3,5-Trimethylbenzene

Concen: 5.470 ug/L

RT: 11.065 min Scan# 3040

Delta R.T. 0.003 min

Lab File: VU063744.D

Acq: 19 Nov 2025 12:32

Instrument :

MSVOA_U

ClientSampleId :

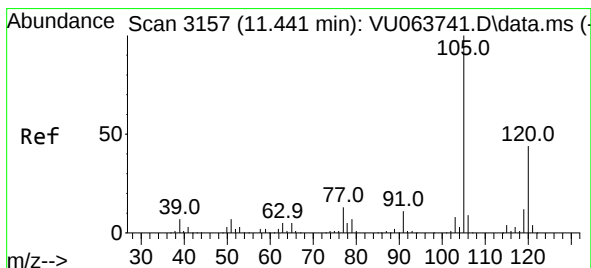
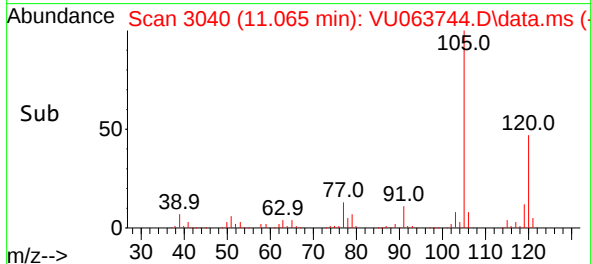
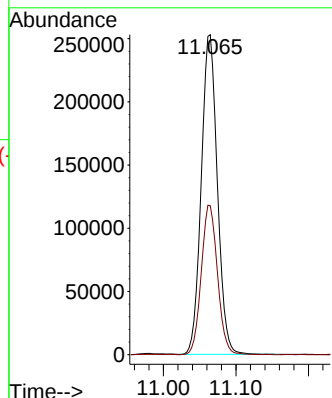
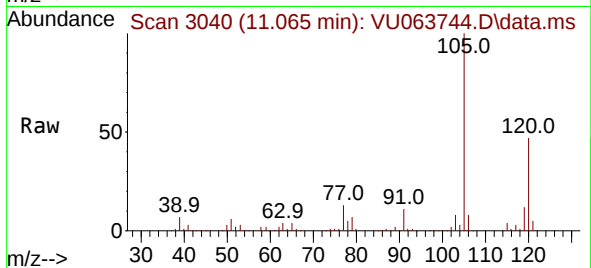
VICV032

Tgt Ion:105 Resp: 389804

Ion Ratio Lower Upper

105 100

120 47.1 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 5.525 ug/L

RT: 11.444 min Scan# 3158

Delta R.T. 0.003 min

Lab File: VU063744.D

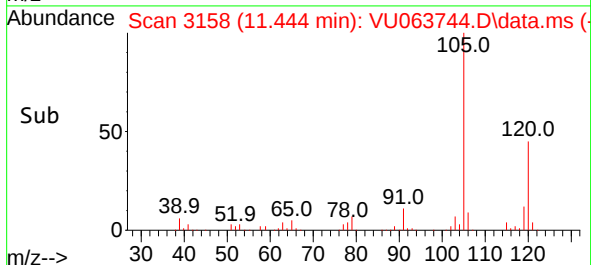
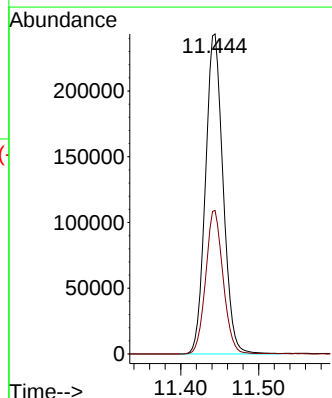
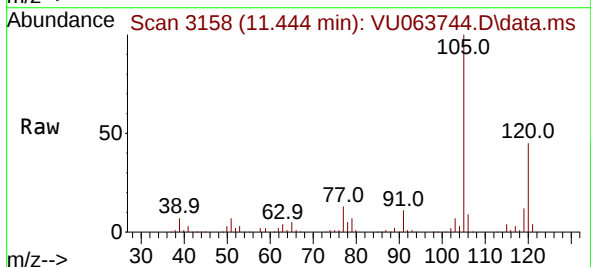
Acq: 19 Nov 2025 12:32

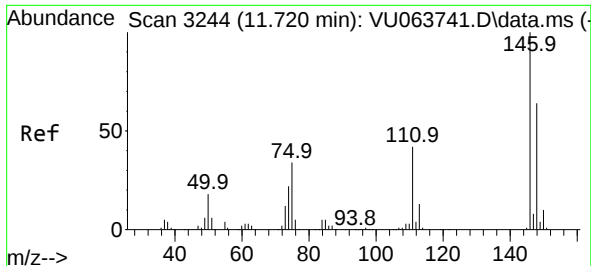
Tgt Ion:105 Resp: 382201

Ion Ratio Lower Upper

105 100

120 44.3 35.1 52.7

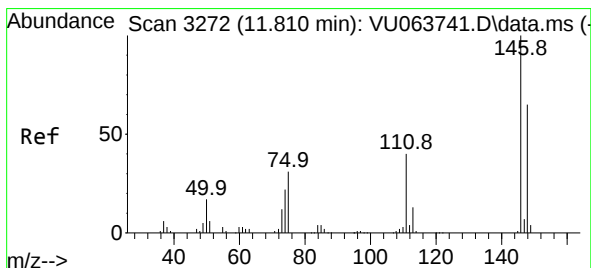
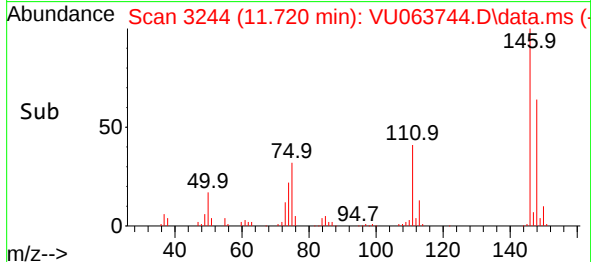
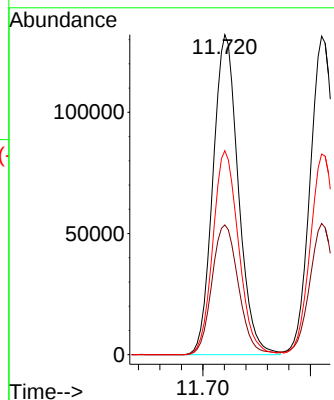
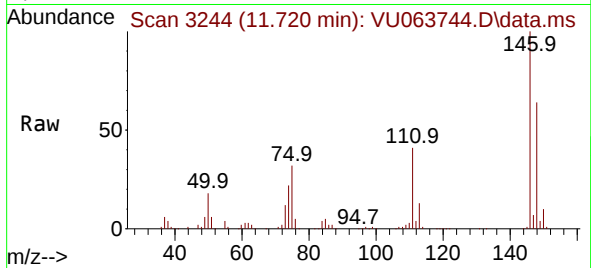




#64
1,3-Dichlorobenzene
Concen: 5.361 ug/L
RT: 11.720 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU063744.D
Acq: 19 Nov 2025 12:32

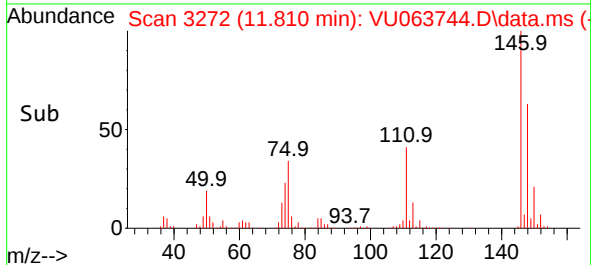
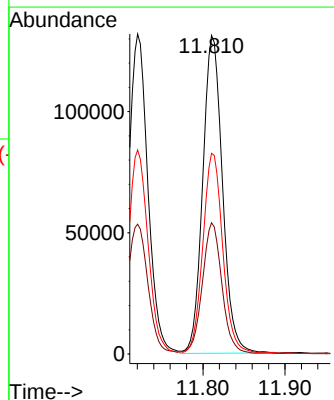
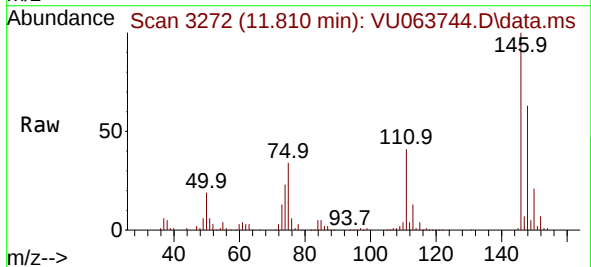
Instrument :
MSVOA_U
ClientSampleId :
VICV032

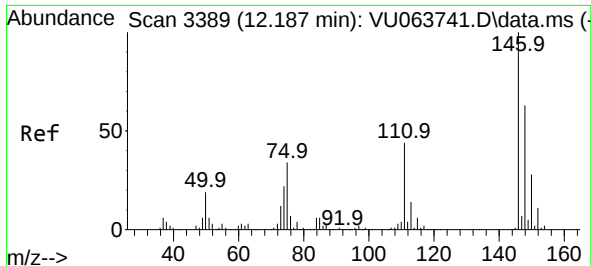
Tgt Ion:146 Resp: 216767
Ion Ratio Lower Upper
146 100
111 40.6 29.5 54.9
148 63.7 44.7 83.1



#65
1,4-Dichlorobenzene
Concen: 5.354 ug/L
RT: 11.810 min Scan# 3272
Delta R.T. 0.000 min
Lab File: VU063744.D
Acq: 19 Nov 2025 12:32

Tgt Ion:146 Resp: 219368
Ion Ratio Lower Upper
146 100
111 41.2 27.9 51.7
148 63.0 45.7 84.9





#67

1,2-Dichlorobenzene

Concen: 5.504 ug/L

RT: 12.187 min Scan# 3389

Delta R.T. 0.000 min

Lab File: VU063744.D

Acq: 19 Nov 2025 12:32

Instrument :

MSVOA_U

ClientSampleId :

VICV032

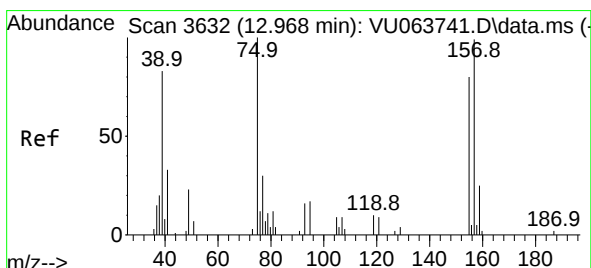
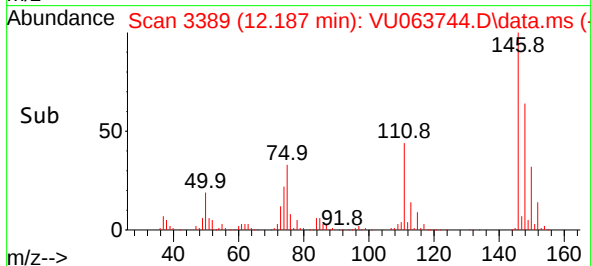
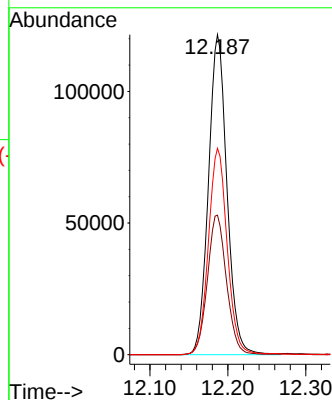
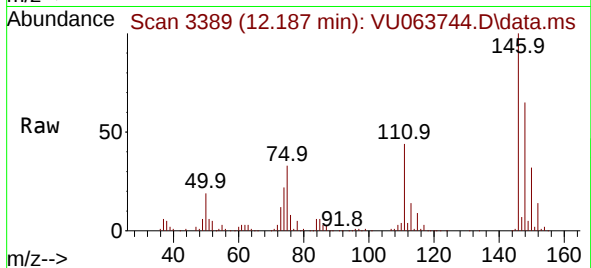
Tgt Ion:146 Resp: 200833

Ion Ratio Lower Upper

146 100

111 43.6 35.0 52.4

148 64.5 50.2 75.2



#68

1,2-Dibromo-3-chloropropane

Concen: 5.958 ug/L

RT: 12.968 min Scan# 3632

Delta R.T. 0.000 min

Lab File: VU063744.D

Acq: 19 Nov 2025 12:32

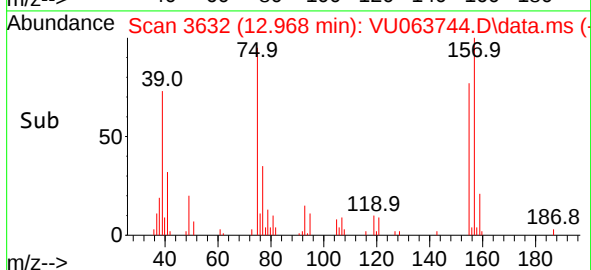
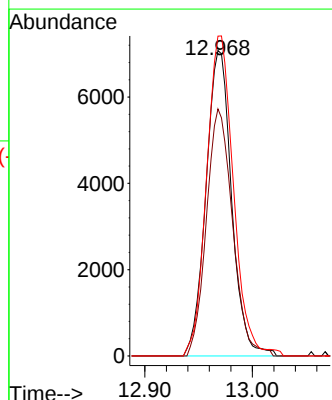
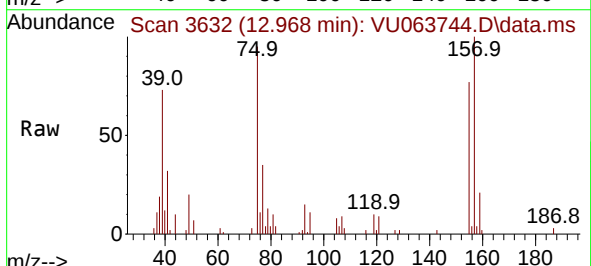
Tgt Ion: 75 Resp: 11730

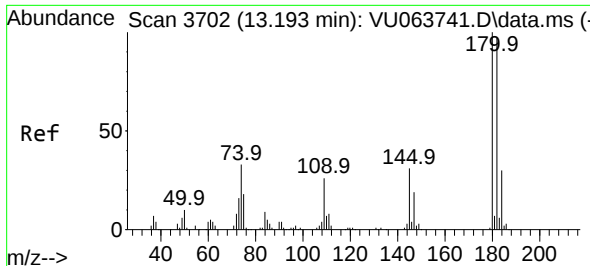
Ion Ratio Lower Upper

75 100

155 80.9 64.1 96.1

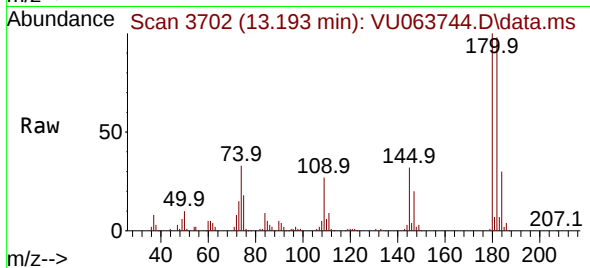
157 104.7 79.0 118.4



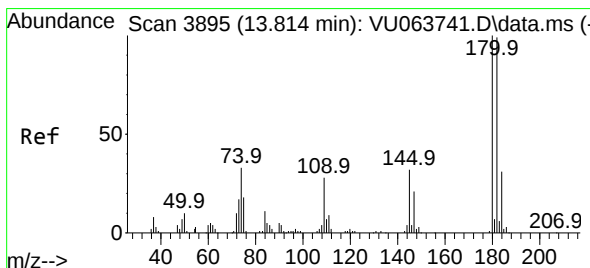
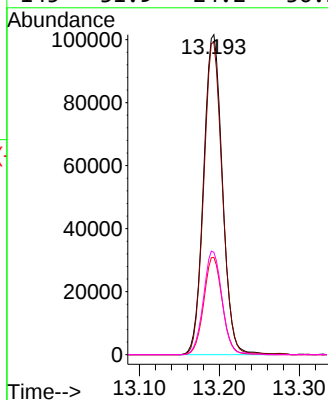
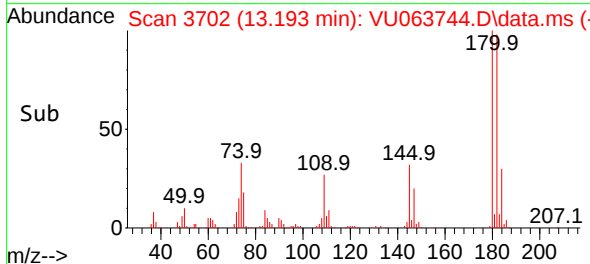


#69
1,3,5-Trichlorobenzene
Concen: 5.623 ug/L
RT: 13.193 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU063744.D
Acq: 19 Nov 2025 12:32

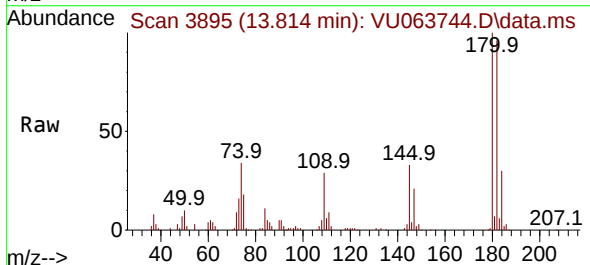
Instrument :
MSVOA_U
ClientSampleId :
VICV032



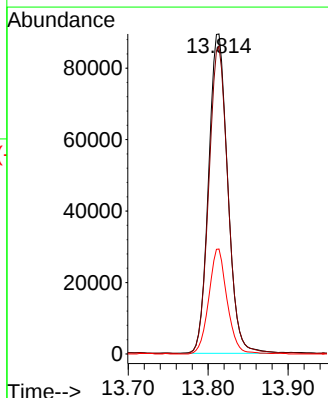
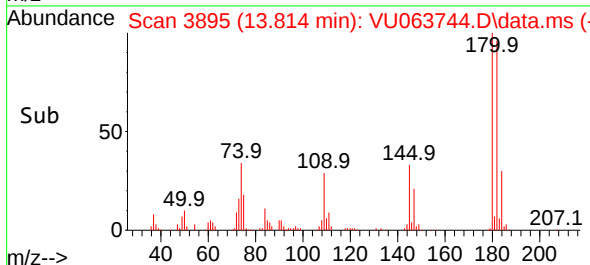
Tgt Ion:180 Resp: 166507
Ion Ratio Lower Upper
180 100
182 96.5 76.4 114.6
184 30.0 23.8 35.6
145 31.9 24.2 36.2

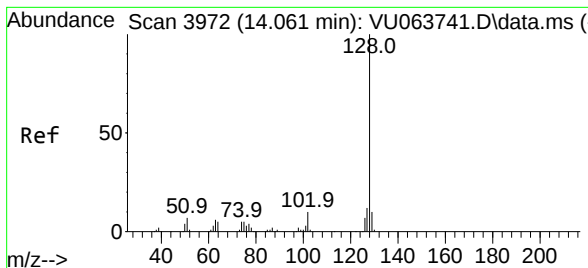


#70
1,2,4-trichlorobenzene
Concen: 6.316 ug/L
RT: 13.814 min Scan# 3895
Delta R.T. 0.000 min
Lab File: VU063744.D
Acq: 19 Nov 2025 12:32



Tgt Ion:180 Resp: 148466
Ion Ratio Lower Upper
180 100
182 96.1 77.8 116.6
145 31.6 26.1 39.1





#71

Naphthalene

Concen: 7.874 ug/L

RT: 14.058 min Scan# 3971

Delta R.T. -0.003 min

Lab File: VU063744.D

Acq: 19 Nov 2025 12:32

Instrument :

MSVOA_U

ClientSampleId :

VICV032

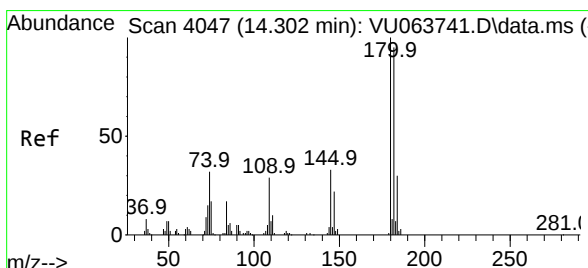
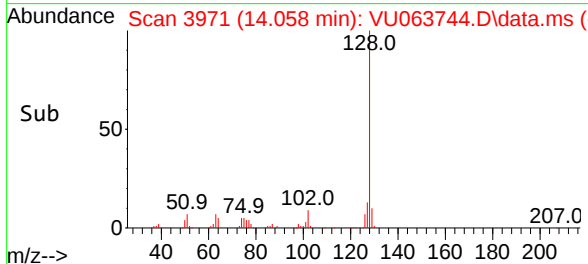
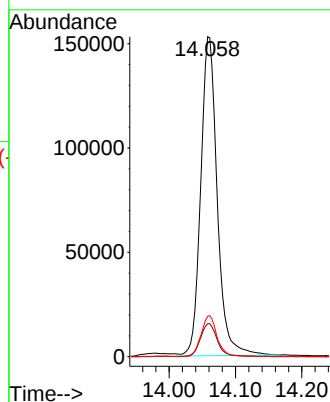
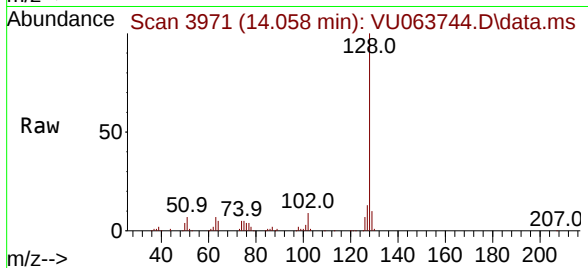
Tgt Ion:128 Resp: 263802

Ion Ratio Lower Upper

128 100

129 10.4 8.6 12.8

127 12.2 10.0 15.0



#72

1,2,3-Trichlorobenzene

Concen: 6.582 ug/L

RT: 14.299 min Scan# 4046

Delta R.T. -0.003 min

Lab File: VU063744.D

Acq: 19 Nov 2025 12:32

Tgt Ion:180 Resp: 129411

Ion Ratio Lower Upper

180 100

182 93.0 75.7 113.5

145 33.3 27.1 40.7

