

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111925\
 Data File : VU063741.D
 Acq On : 19 Nov 2025 11:00
 Operator : MD/SY
 Sample : VSTD00529
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005029

Quant Time: Nov 20 02:50:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111925WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 20 02:48:03 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.222	114	165201	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.393	117	165708	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.788	152	107745	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.583	65	90704	8.685	ug/L	0.00
7) Chloroethane-d5	1.894	69	79396	8.181	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.541	65	42162	8.516	ug/L	0.00
20) 2-Butanone-d5	4.592	46	157736	61.016	ug/L	0.00
24) Chloroform-d	5.029	84	191450	7.998	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.672	65	96714	7.677	ug/L	0.00
32) Benzene-d6	5.695	84	372461	7.982	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.660	67	106652	7.287	ug/L	0.00
41) Toluene-d8	7.872	98	353079	8.286	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.155	79	33290	8.024	ug/L	0.00
46) 2-Hexanone-d5	8.608	63	119027	60.654	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.730	84	78109	6.843	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.167	152	118519	6.513	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.374	85	64941	4.955	ug/L	100
3) Chloromethane	1.509	50	47084	3.471	ug/L	100
5) Vinyl chloride	1.589	62	62863	4.213	ug/L	100
6) Bromomethane	1.840	94	40011	4.457	ug/L	100
8) Chloroethane	1.914	64	45949	4.828	ug/L	100
9) Trichlorofluoromethane	2.116	101	121581	5.749	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.557	101	75707	6.184	ug/L	100
12) 1,1-Dichloroethene	2.557	96	58178	5.321	ug/L	100
13) Acetone	2.602	43	124747	56.247	ug/L	100
14) Carbon disulfide	2.766	76	72772	2.844	ug/L	100
15) Methyl Acetate	2.930	43	23164	4.813	ug/L	100
16) Methylene chloride	3.017	84	71500	5.529	ug/L	100
17) Methyl tert-butyl Ether	3.335	73	187330	6.548	ug/L	100
18) trans-1,2-Dichloroethene	3.325	96	61119	5.431	ug/L	100
19) 1,1-Dichloroethane	3.833	63	141151	5.980	ug/L	100
21) 2-Butanone	4.672	43	174413	53.999	ug/L	100
22) cis-1,2-Dichloroethene	4.634	96	83499	6.259	ug/L	100
23) Bromochloromethane	4.943	128	34466	5.967	ug/L	100
25) Chloroform	5.055	83	164040	6.577	ug/L	100
27) 1,2-Dichloroethane	5.766	62	96313	5.974	ug/L	100
29) 1,1,1-Trichloroethane	5.283	97	128520	6.316	ug/L	100
30) Cyclohexane	5.354	56	93416	4.318	ug/L	100
31) Carbon tetrachloride	5.492	117	97553	6.189	ug/L	100
33) Benzene	5.743	78	295644	5.579	ug/L	100
34) Trichloroethene	6.515	95	83940	5.707	ug/L	100
35) Methylcyclohexane	6.733	83	100311	4.690	ug/L	100
37) 1,2-Dichloropropane	6.759	63	79731	5.513	ug/L	100
38) Bromodichloromethane	7.077	83	109180	6.682	ug/L	100
39) cis-1,3-Dichloropropene	7.579	75	106591	6.269	ug/L	100
40) 4-Methyl-2-pentanone	7.762	43	449840	54.895	ug/L	100
42) Toluene	7.942	91	341444	5.870	ug/L	100
44) trans-1,3-Dichloropropene	8.184	75	82308	6.483	ug/L	100

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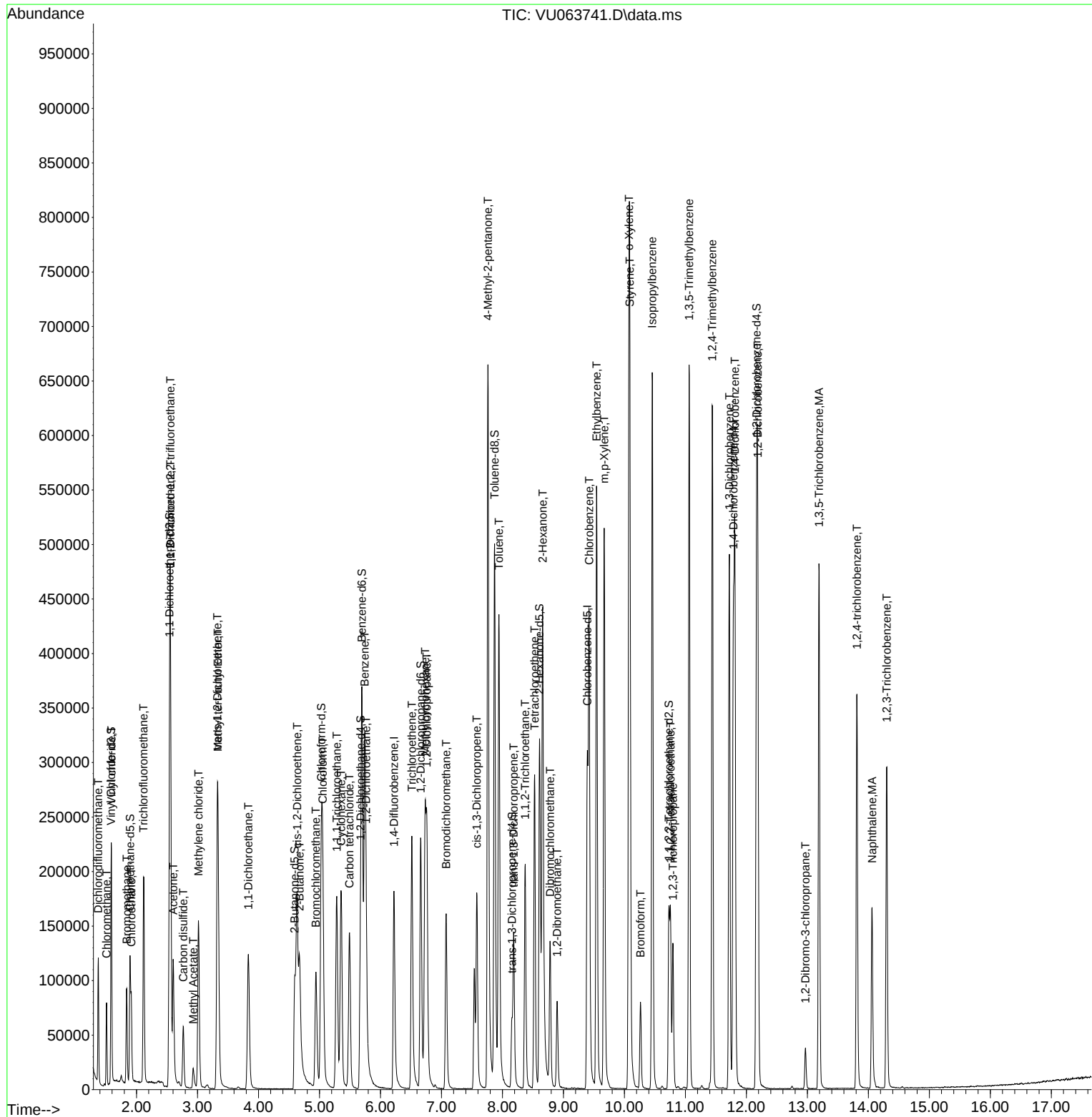
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.373	97	66493	6.452	ug/L	100
47) Tetrachloroethene	8.528	164	62878	5.596	ug/L	100
48) 2-Hexanone	8.659	43	314507	54.514	ug/L	100
49) Dibromochloromethane	8.782	129	66348	6.833	ug/L	100
50) 1,2-Dibromoethane	8.897	107	55930	6.193	ug/L	100
51) Chlorobenzene	9.421	112	238747	6.229	ug/L	100
52) Ethylbenzene	9.544	91	413054	6.322	ug/L	100
53) m,p-Xylene	9.669	106	155361	6.385	ug/L	100
54) o-Xylene	10.074	106	152291	6.429	ug/L	100
55) Styrene	10.090	104	257453	6.577	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.756	83	76772	6.261	ug/L	100
59) Bromoform	10.264	173	34509	5.682	ug/L	100
60) Isopropylbenzene	10.457	105	437627	5.526	ug/L	100
61) 1,2,3-Trichloropropane	10.798	75	54205	5.081	ug/L	100
62) 1,3,5-Trimethylbenzene	11.061	105	363672	5.627	ug/L	100
63) 1,2,4-Trimethylbenzene	11.441	105	352916	5.701	ug/L	100
64) 1,3-Dichlorobenzene	11.720	146	196482	5.535	ug/L	100
65) 1,4-Dichlorobenzene	11.810	146	197546	5.497	ug/L	100
67) 1,2-Dichlorobenzene	12.187	146	179548	5.430	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.968	75	9317	5.579	ug/L	100
69) 1,3,5-Trichlorobenzene	13.193	180	147076	5.512	ug/L	100
70) 1,2,4-trichlorobenzene	13.814	180	108635	5.280	ug/L	100
71) Naphthalene	14.061	128	139858	4.635	ug/L	100
72) 1,2,3-Trichlorobenzene	14.302	180	88911	5.096	ug/L	100

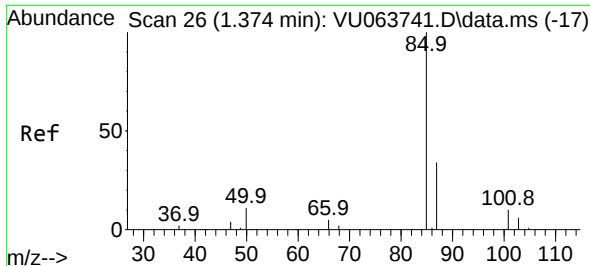
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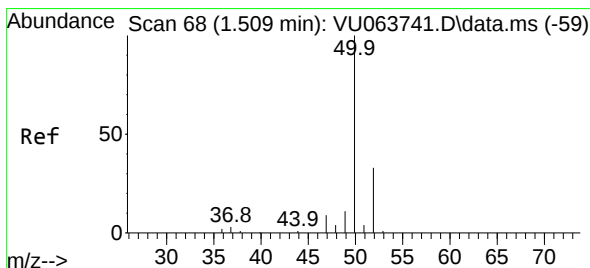
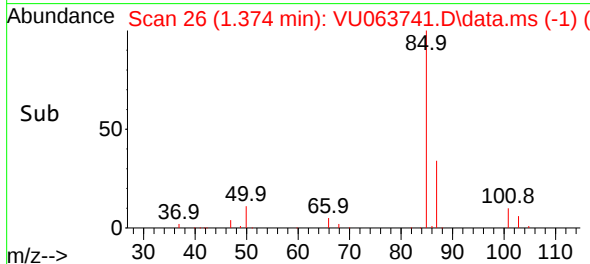
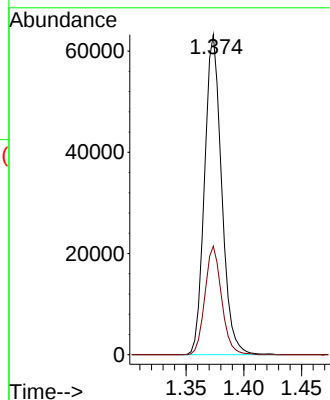
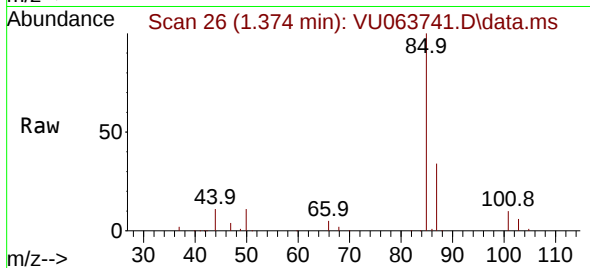




#2
 Dichlorodifluoromethane
 Concen: 4.955 ug/L
 RT: 1.374 min Scan# 26
 Delta R.T. 0.000 min
 Lab File: VU063741.D
 Acq: 19 Nov 2025 11:00

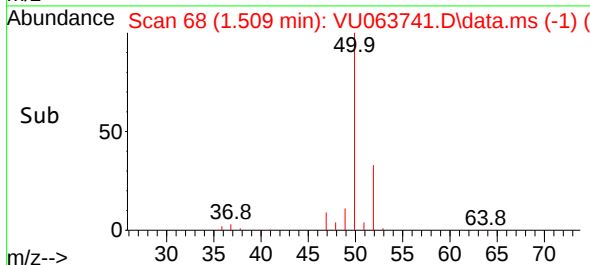
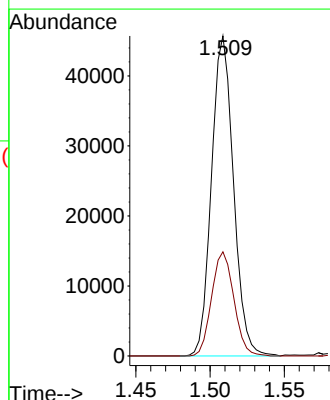
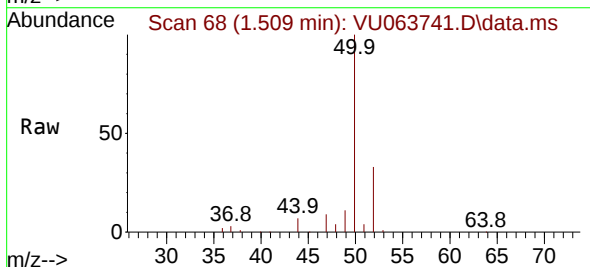
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005029

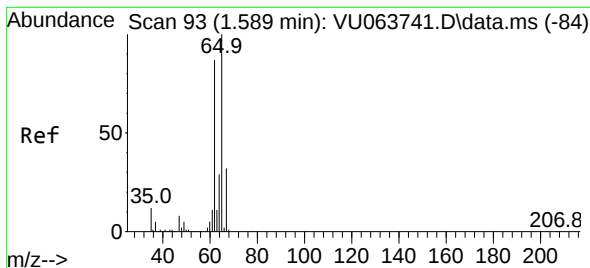
Tgt Ion: 85 Resp: 64941
 Ion Ratio Lower Upper
 85 100
 87 33.0 26.4 39.6



#3
 Chloromethane
 Concen: 3.471 ug/L
 RT: 1.509 min Scan# 68
 Delta R.T. 0.000 min
 Lab File: VU063741.D
 Acq: 19 Nov 2025 11:00

Tgt Ion: 50 Resp: 47084
 Ion Ratio Lower Upper
 50 100
 52 32.5 22.7 42.3





#5

Vinyl chloride

Concen: 4.213 ug/L

RT: 1.589 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU063741.D

Acq: 19 Nov 2025 11:00

Instrument :

MSVOA_U

ClientSampleId :

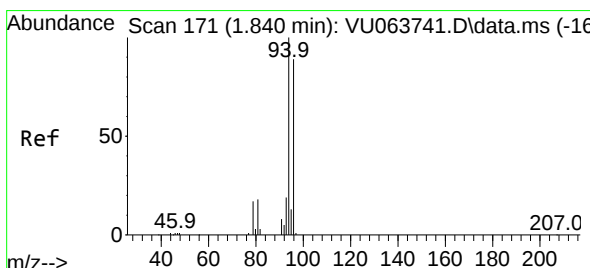
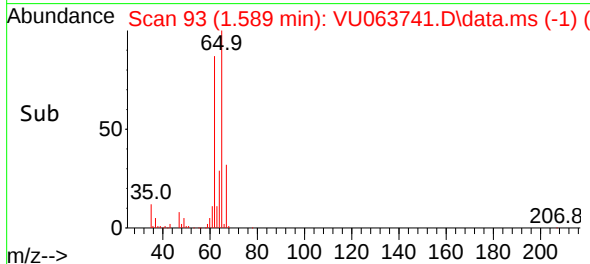
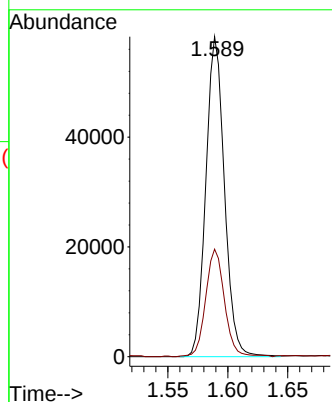
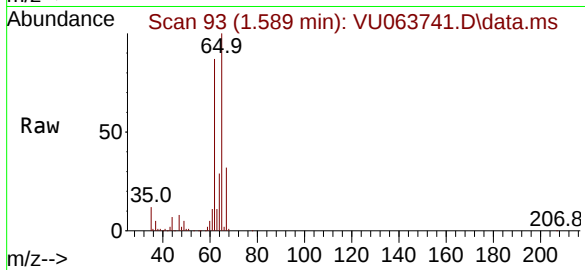
VSTD005029

Tgt Ion: 62 Resp: 62863

Ion Ratio Lower Upper

62 100

64 33.6 23.5 43.7



#6

Bromomethane

Concen: 4.457 ug/L

RT: 1.840 min Scan# 171

Delta R.T. 0.000 min

Lab File: VU063741.D

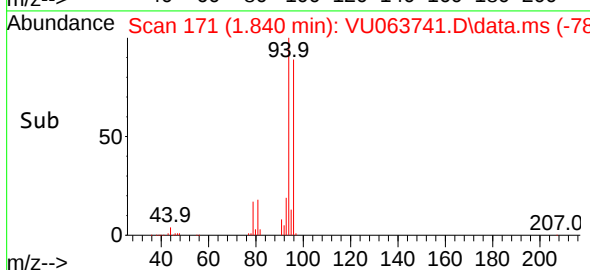
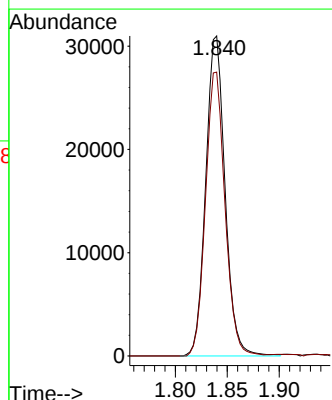
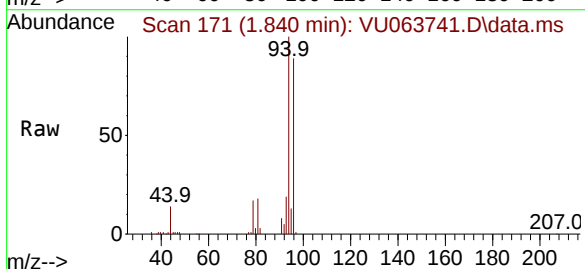
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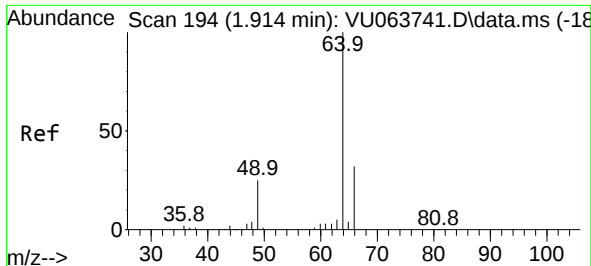
Tgt Ion: 94 Resp: 40011

Ion Ratio Lower Upper

94 100

96 88.7 62.1 115.3

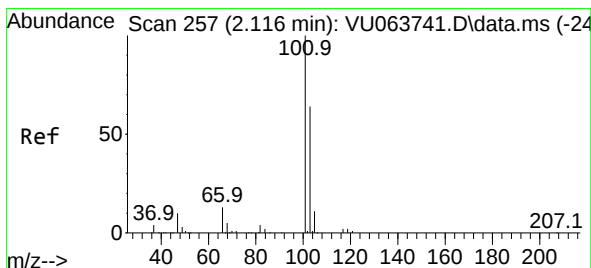
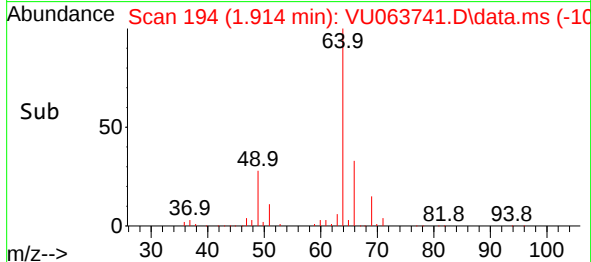
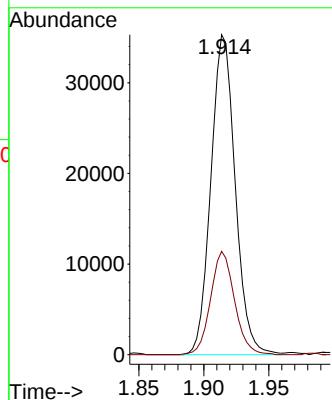
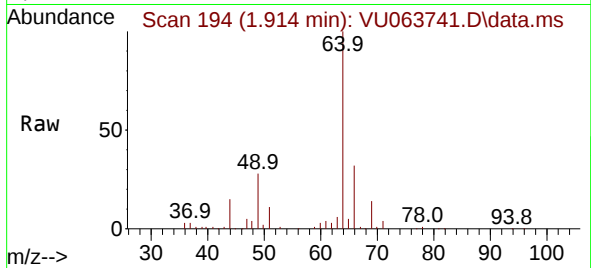




#8
Chloroethane
Concen: 4.828 ug/L
RT: 1.914 min Scan# 194
Delta R.T. 0.000 min
Lab File: VU063741.D
Acq: 19 Nov 2025 11:00

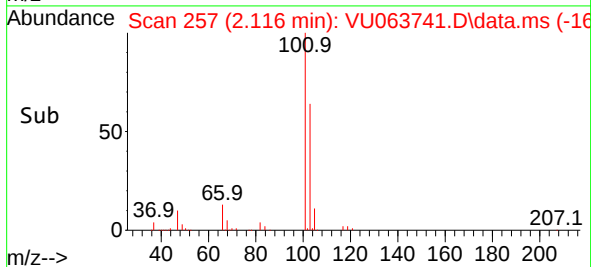
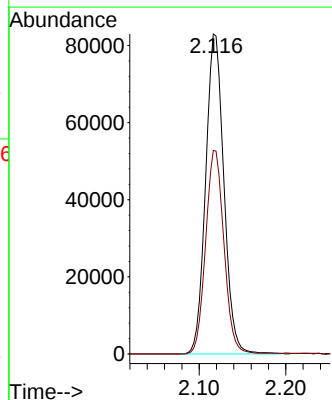
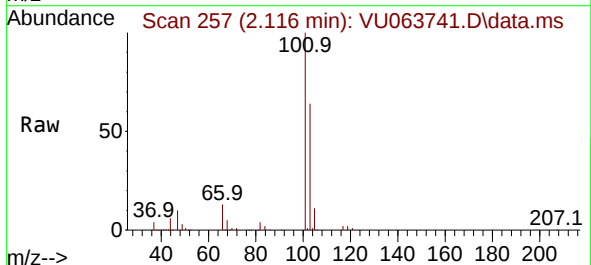
Instrument :
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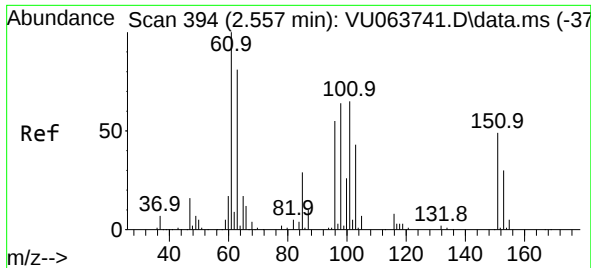
Tgt Ion: 64 Resp: 45949
Ion Ratio Lower Upper
64 100
66 32.3 22.6 42.0



#9
Trichlorofluoromethane
Concen: 5.749 ug/L
RT: 2.116 min Scan# 257
Delta R.T. 0.000 min
Lab File: VU063741.D
Acq: 19 Nov 2025 11:00

Tgt Ion:101 Resp: 121581
Ion Ratio Lower Upper
101 100
103 63.7 51.0 76.4

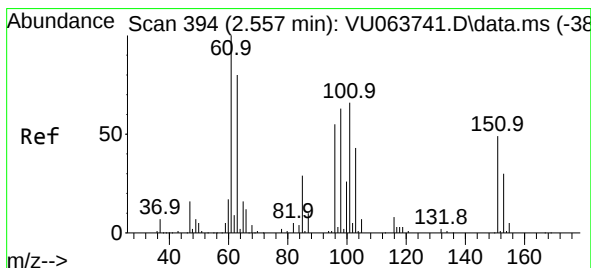
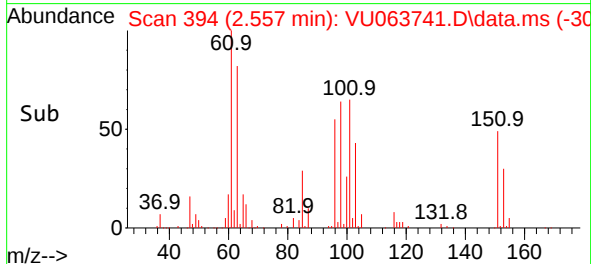
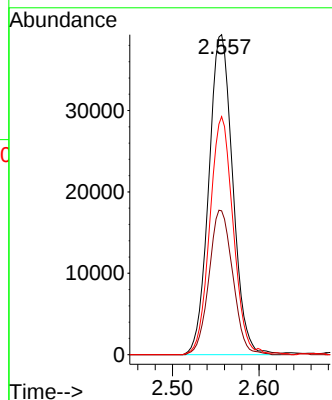
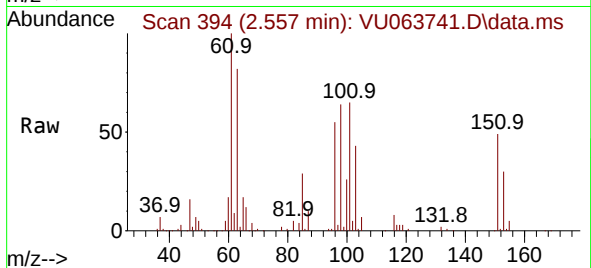




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 6.184 ug/L
 RT: 2.557 min Scan# 394
 Delta R.T. 0.000 min
 Lab File: VU063741.D
 Acq: 19 Nov 2025 11:00

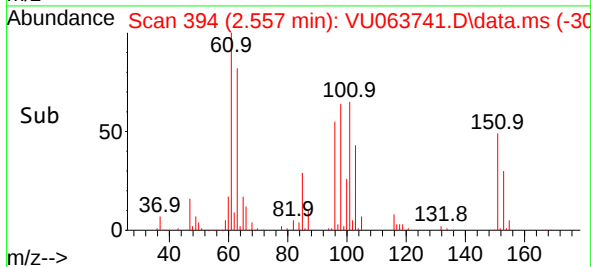
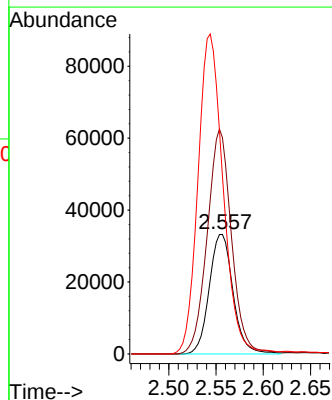
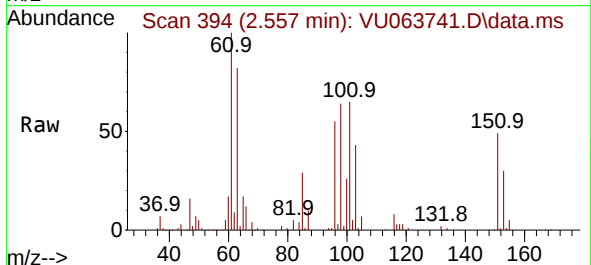
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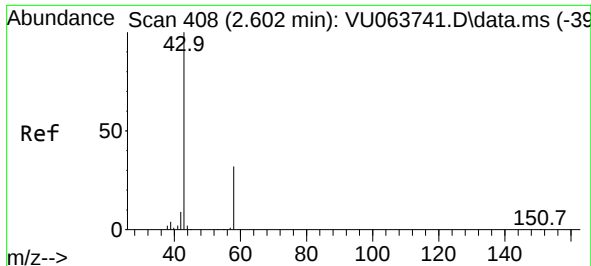
Tgt Ion:101 Resp: 75707
 Ion Ratio Lower Upper
 101 100
 85 44.6 35.7 53.5
 151 72.6 58.1 87.1



#12
 1,1-Dichloroethene
 Concen: 5.321 ug/L
 RT: 2.557 min Scan# 394
 Delta R.T. 0.000 min
 Lab File: VU063741.D
 Acq: 19 Nov 2025 11:00

Tgt Ion: 96 Resp: 58178
 Ion Ratio Lower Upper
 96 100
 61 180.9 126.6 235.2
 63 148.8 104.2 193.4





#13

Acetone

Concen: 56.247 ug/L

RT: 2.602 min Scan# 408

Delta R.T. 0.000 min

Lab File: VU063741.D

Acq: 19 Nov 2025 11:00

Instrument :

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ClientSampleId :

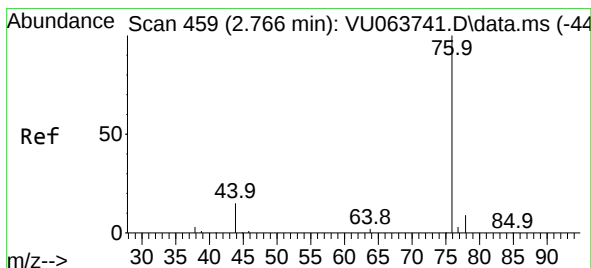
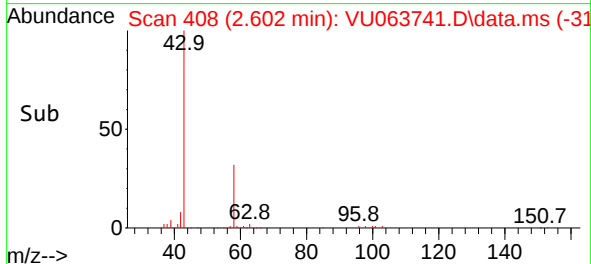
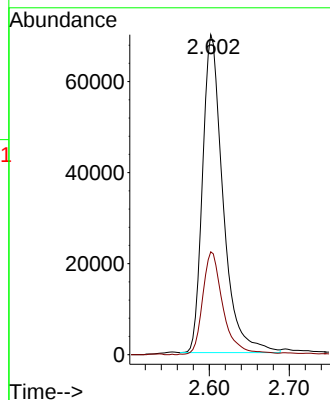
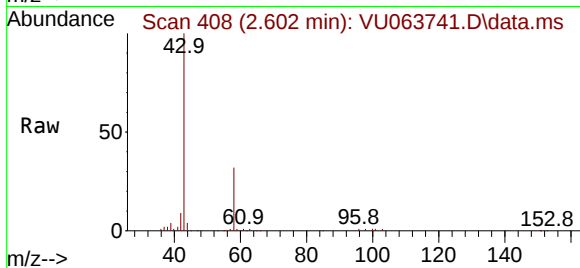
VSTD005029

Tgt Ion: 43 Resp: 124747

Ion Ratio Lower Upper

43 100

58 32.4 0.0 64.8



#14

Carbon disulfide

Concen: 2.844 ug/L

RT: 2.766 min Scan# 459

Delta R.T. 0.000 min

Lab File: VU063741.D

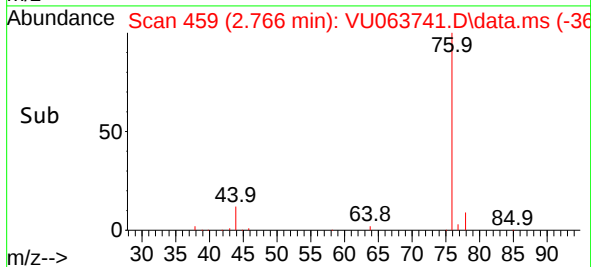
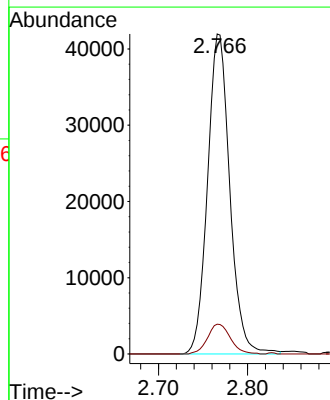
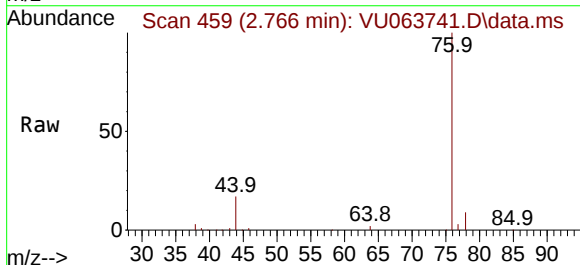
Acq: 19 Nov 2025 11:00

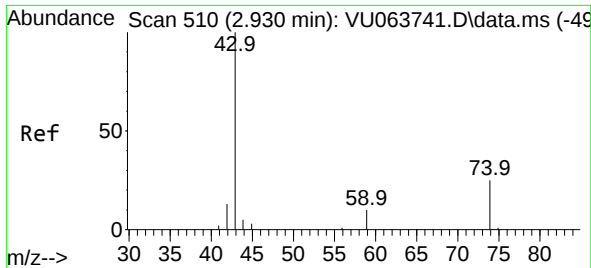
Tgt Ion: 76 Resp: 72772

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2

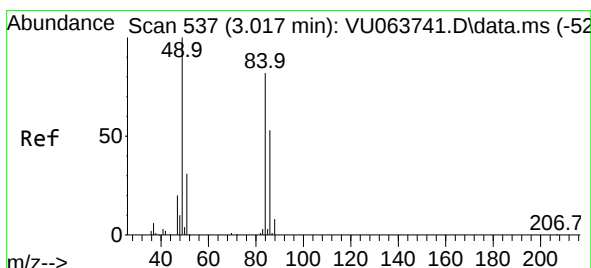
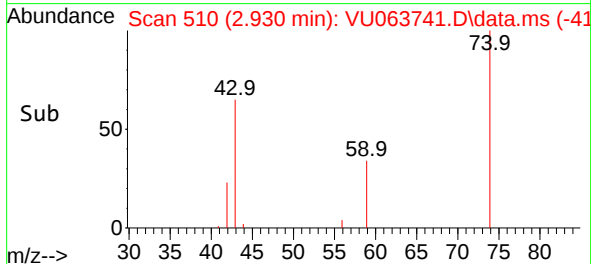
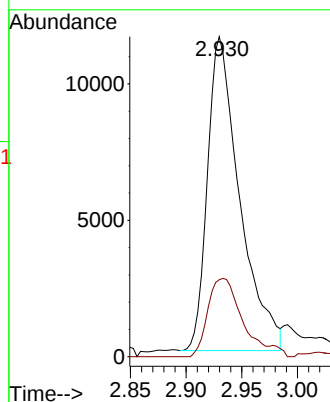
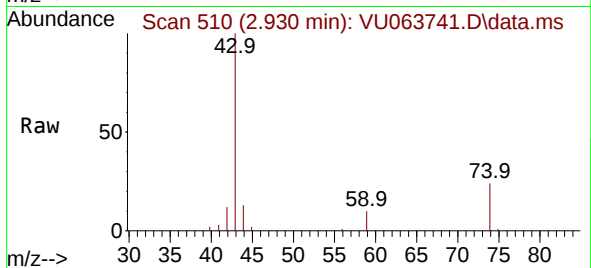




#15
Methyl Acetate
Concen: 4.813 ug/L
RT: 2.930 min Scan# 510
Delta R.T. 0.000 min
Lab File: VU063741.D
Acq: 19 Nov 2025 11:00

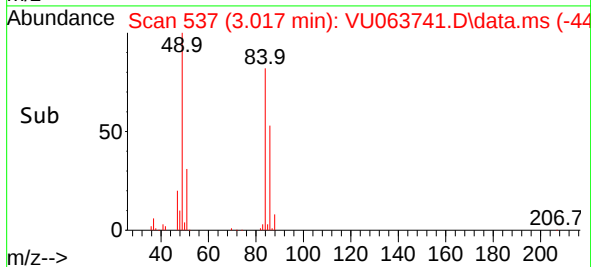
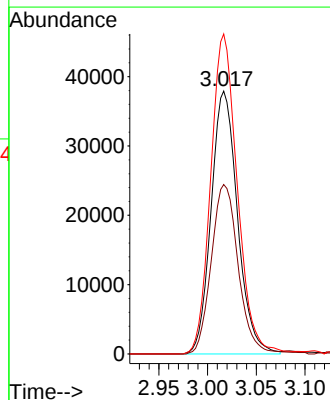
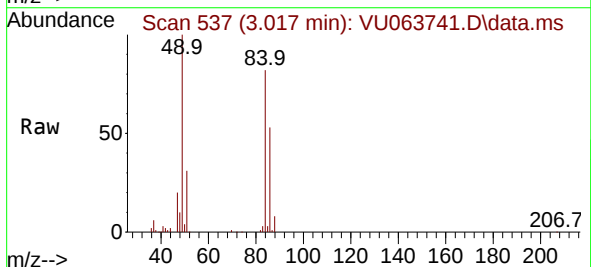
Instrument :
MSVOA_U
ClientSampleId :
VSTD005029

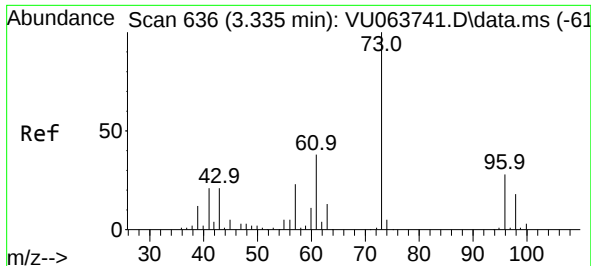
Tgt Ion: 43 Resp: 23164
Ion Ratio Lower Upper
43 100
74 27.1 21.7 32.5



#16
Methylene chloride
Concen: 5.529 ug/L
RT: 3.017 min Scan# 537
Delta R.T. 0.000 min
Lab File: VU063741.D
Acq: 19 Nov 2025 11:00

Tgt Ion: 84 Resp: 71500
Ion Ratio Lower Upper
84 100
86 64.5 45.1 83.9
49 121.7 85.2 158.2

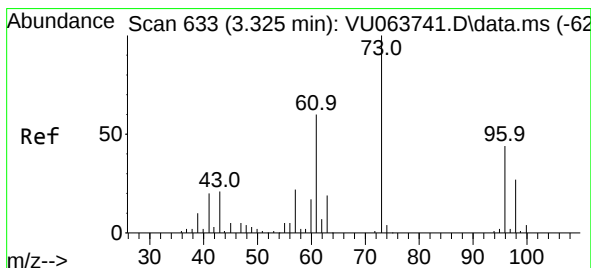
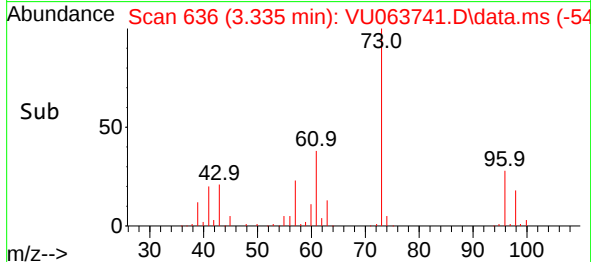
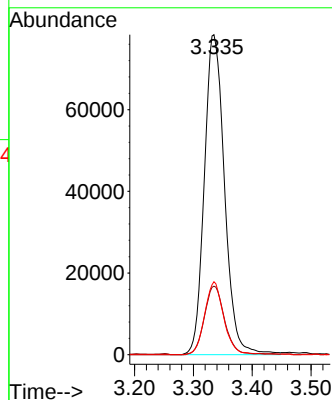
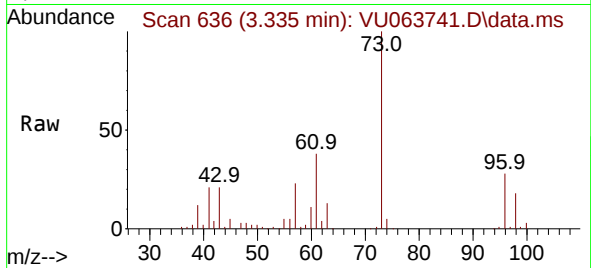




#17
Methyl tert-butyl Ether
Concen: 6.548 ug/L
RT: 3.335 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU063741.D
Acq: 19 Nov 2025 11:00

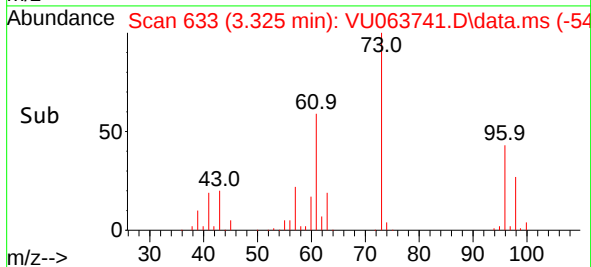
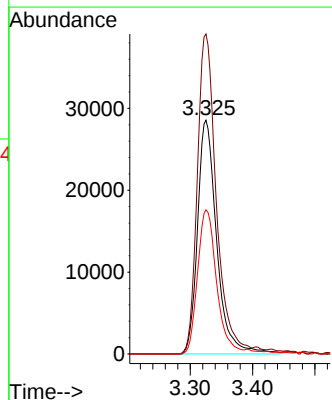
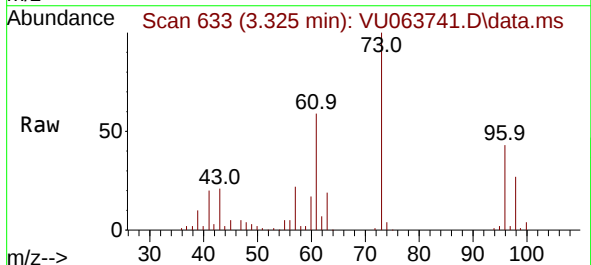
Instrument :
MSVOA_U
ClientSampleId :
VSTD005029

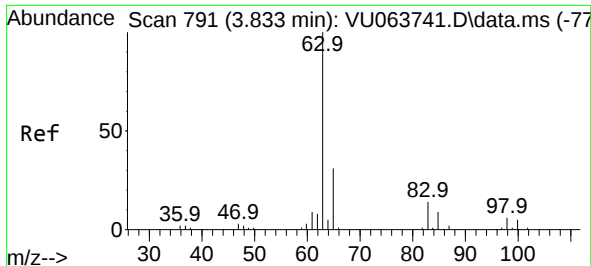
Tgt Ion: 73 Resp: 187330
Ion Ratio Lower Upper
73 100
43 21.2 17.0 25.4
57 21.4 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 5.431 ug/L
RT: 3.325 min Scan# 633
Delta R.T. 0.000 min
Lab File: VU063741.D
Acq: 19 Nov 2025 11:00

Tgt Ion: 96 Resp: 61119
Ion Ratio Lower Upper
96 100
61 136.9 95.8 178.0
98 61.7 43.2 80.2

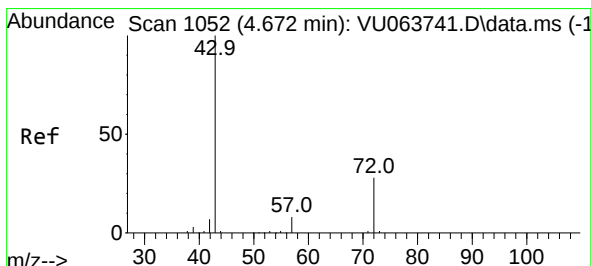
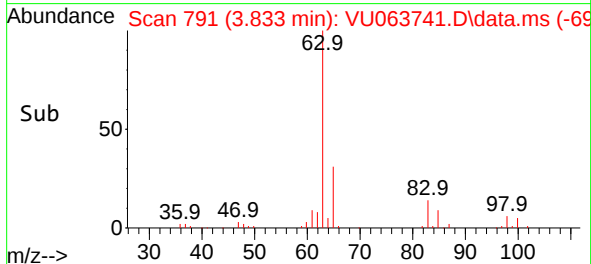
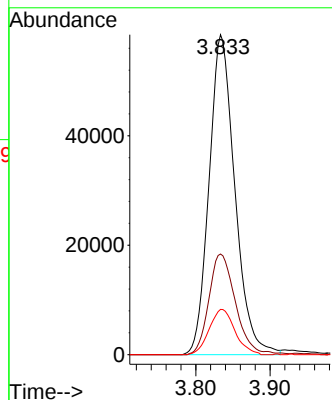
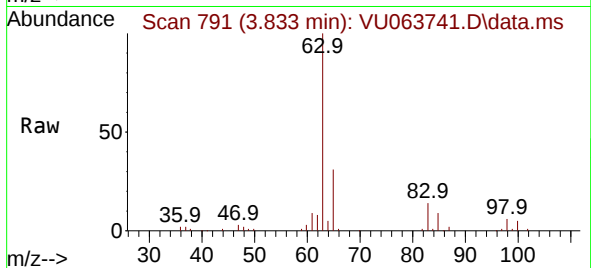




#19
1,1-Dichloroethane
Concen: 5.980 ug/L
RT: 3.833 min Scan# 791
Delta R.T. 0.000 min
Lab File: VU063741.D
Acq: 19 Nov 2025 11:00

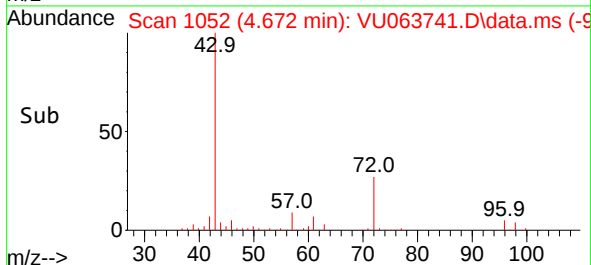
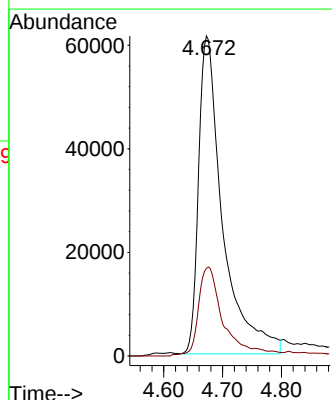
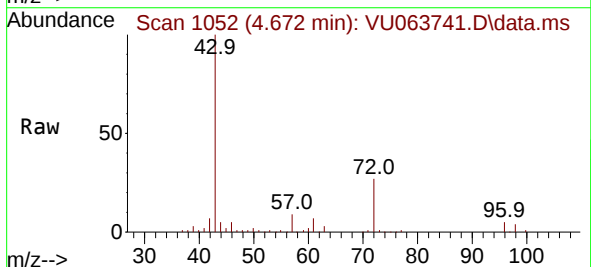
Instrument :
MSVOA_U
ClientSampleId :
VSTD005029

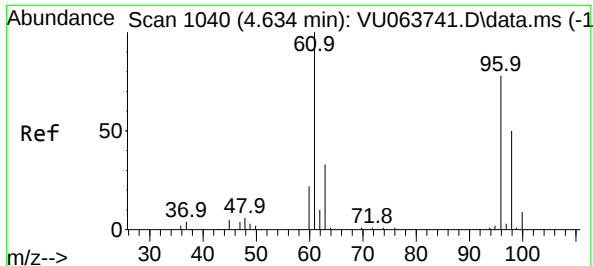
Tgt Ion: 63 Resp: 141151
Ion Ratio Lower Upper
63 100
65 31.4 22.0 40.8
83 14.1 9.9 18.3



#21
2-Butanone
Concen: 53.999 ug/L
RT: 4.672 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VU063741.D
Acq: 19 Nov 2025 11:00

Tgt Ion: 43 Resp: 174413
Ion Ratio Lower Upper
43 100
72 27.2 13.6 40.8

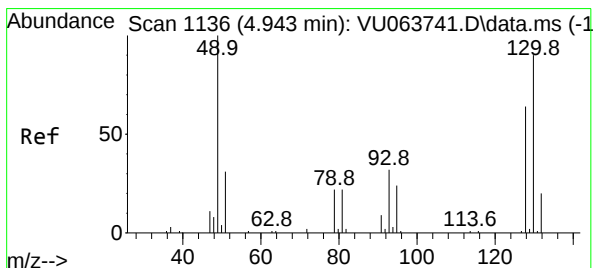
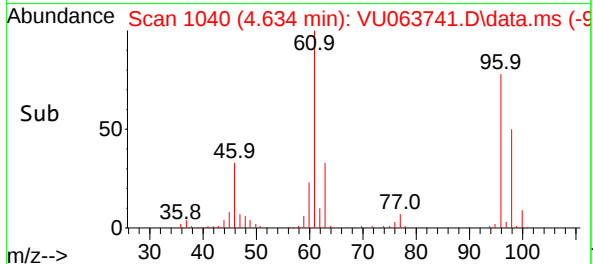
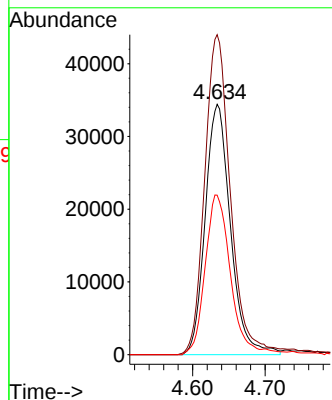
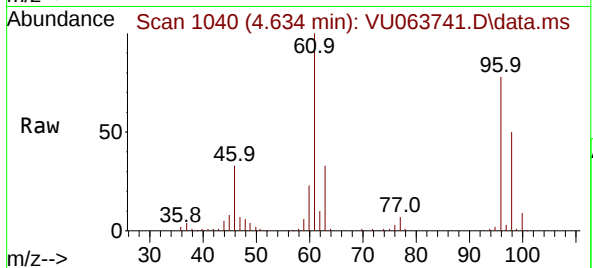




#22
 cis-1,2-Dichloroethene
 Concen: 6.259 ug/L
 RT: 4.634 min Scan# 1040
 Delta R.T. 0.000 min
 Lab File: VU063741.D
 Acq: 19 Nov 2025 11:00

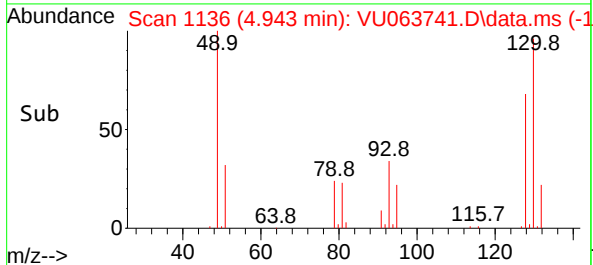
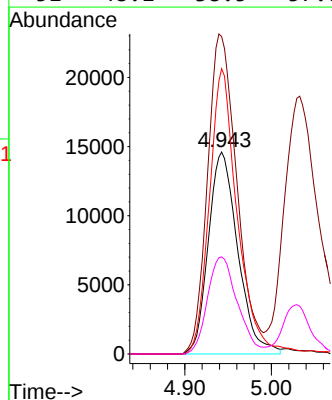
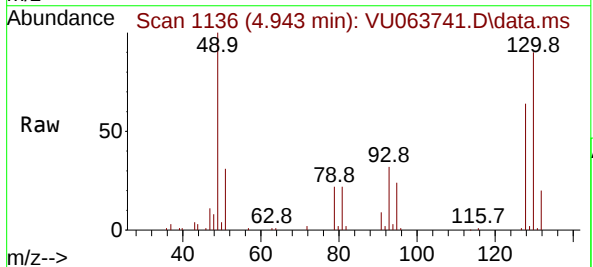
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005029

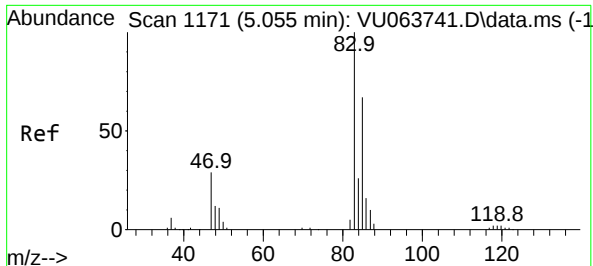
Tgt Ion: 96	Resp:	83499
Ion Ratio	Lower	Upper
96	100	
61	127.8	89.5 166.1
98	63.7	44.6 82.8



#23
 Bromochloromethane
 Concen: 5.967 ug/L
 RT: 4.943 min Scan# 1136
 Delta R.T. 0.000 min
 Lab File: VU063741.D
 Acq: 19 Nov 2025 11:00

Tgt Ion: 128	Resp:	34466
Ion Ratio	Lower	Upper
128	100	
49	157.2	110.0 204.4
130	141.3	98.9 183.7
51	48.1	38.5 57.7





#25

Chloroform

Concen: 6.577 ug/L

RT: 5.055 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VU063741.D

Acq: 19 Nov 2025 11:00

Instrument :

MSVOA_U

ClientSampleId :

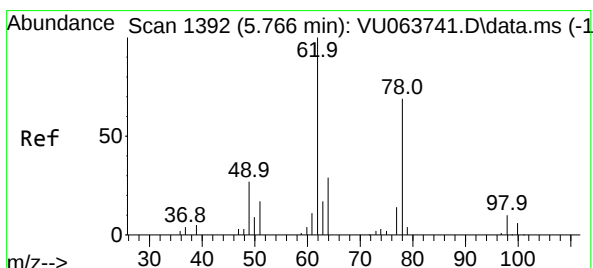
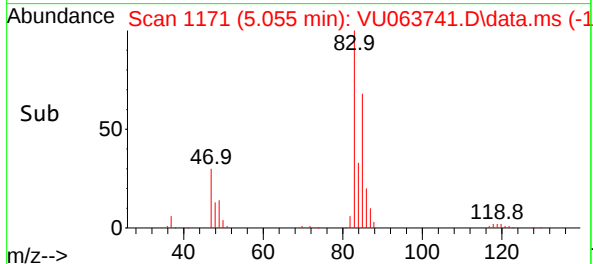
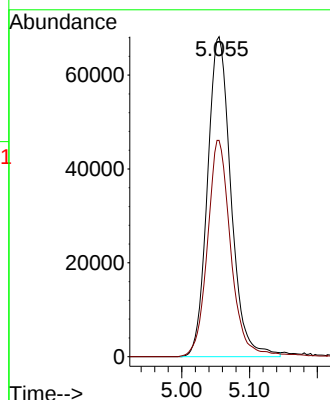
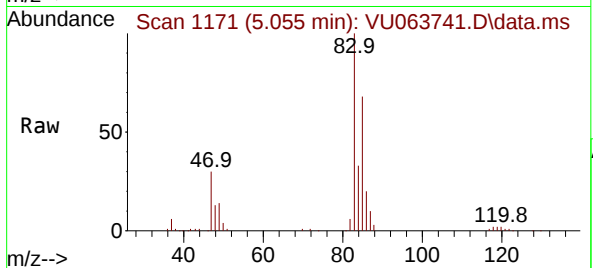
VSTD005029

Tgt Ion: 83 Resp: 164040

Ion Ratio Lower Upper

83 100

85 67.6 47.3 87.9



#27

1,2-Dichloroethane

Concen: 5.974 ug/L

RT: 5.766 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VU063741.D

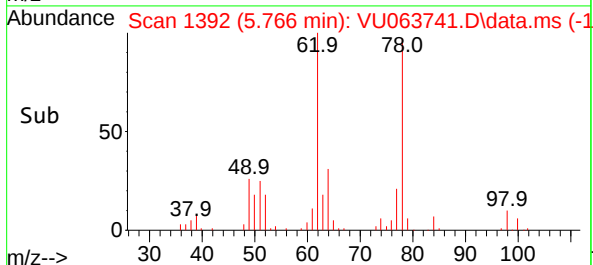
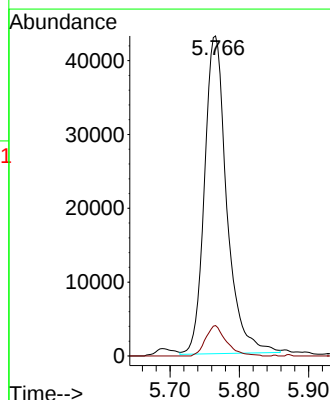
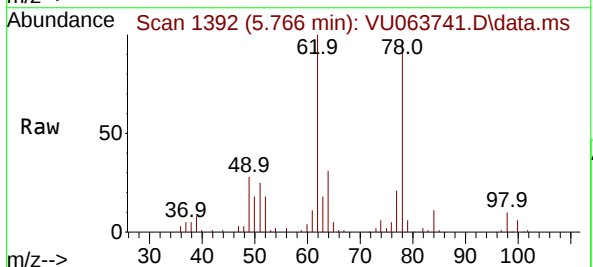
Acq: 19 Nov 2025 11:00

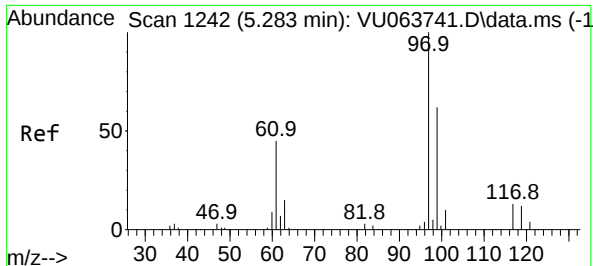
Tgt Ion: 62 Resp: 96313

Ion Ratio Lower Upper

62 100

98 9.5 7.6 11.4





#29

1,1,1-Trichloroethane

Concen: 6.316 ug/L

RT: 5.283 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU063741.D

Acq: 19 Nov 2025 11:00

Instrument :

MSVOA_U

ClientSampleId :

VSTD005029

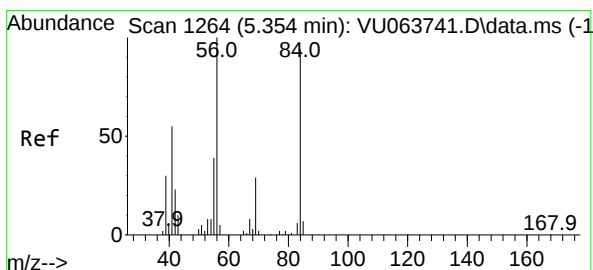
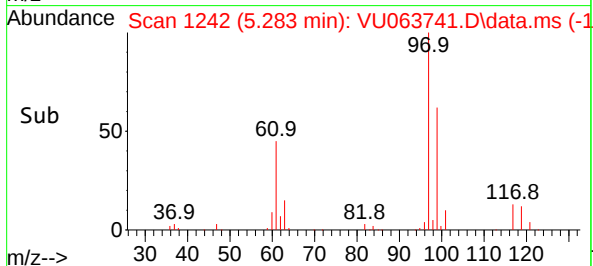
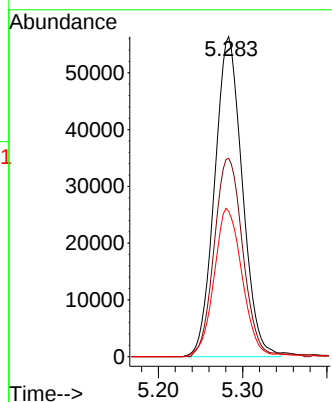
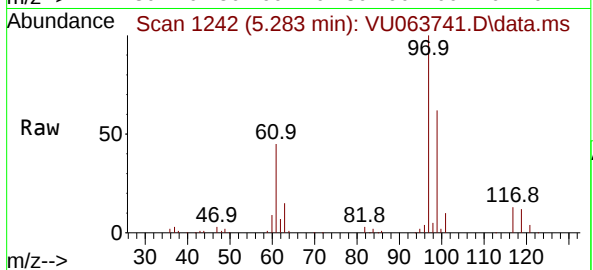
Tgt Ion: 97 Resp: 128520

Ion Ratio Lower Upper

97 100

99 64.3 51.4 77.2

61 46.8 37.4 56.2



#30

Cyclohexane

Concen: 4.318 ug/L

RT: 5.354 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VU063741.D

Acq: 19 Nov 2025 11:00

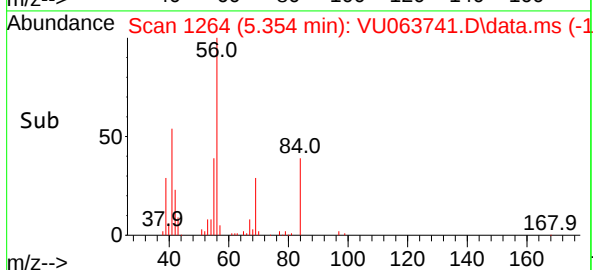
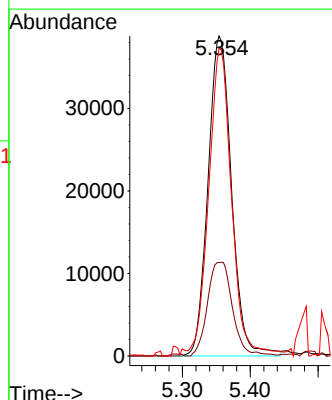
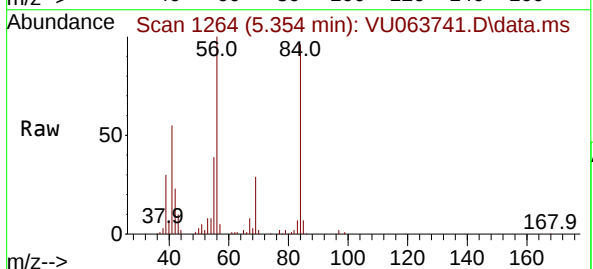
Tgt Ion: 56 Resp: 93416

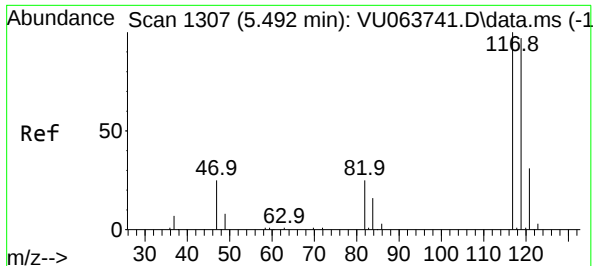
Ion Ratio Lower Upper

56 100

69 30.4 24.3 36.5

84 90.0 72.0 108.0

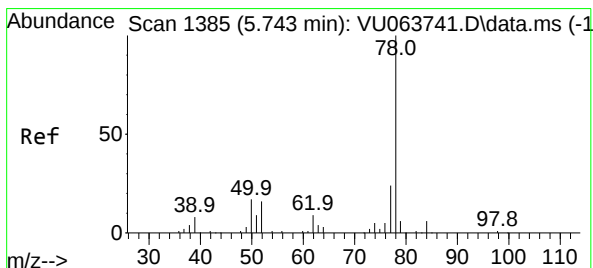
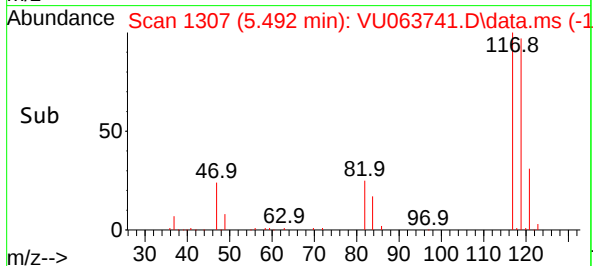
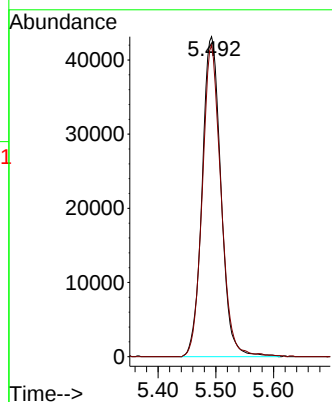
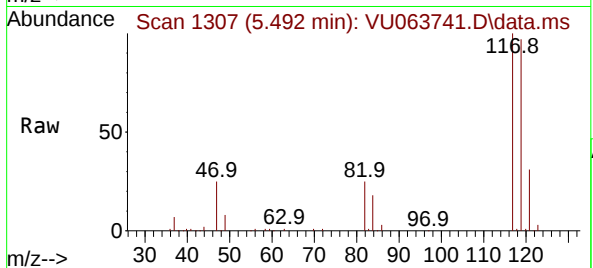




#31
Carbon tetrachloride
Concen: 6.189 ug/L
RT: 5.492 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VU063741.D
Acq: 19 Nov 2025 11:00

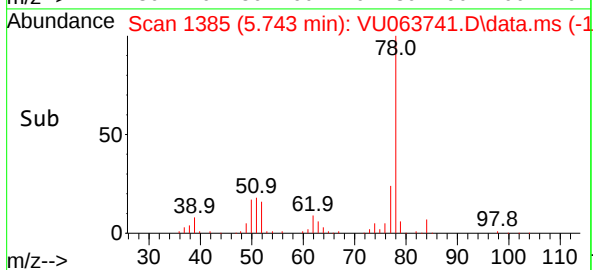
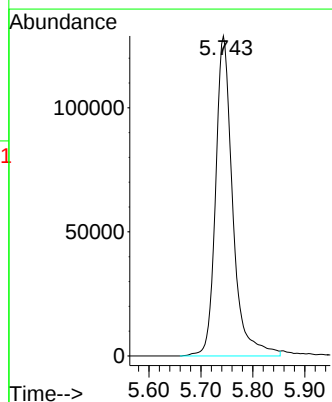
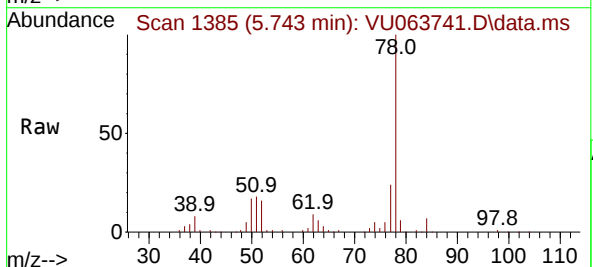
Instrument :
MSVOA_U
ClientSampleId :
VSTD005029

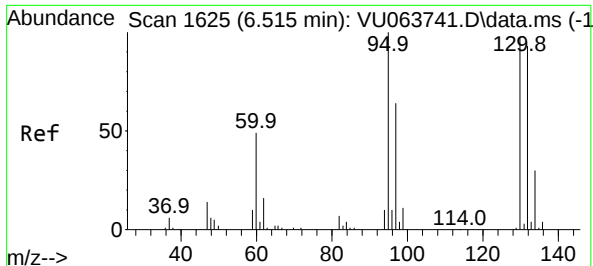
Tgt Ion:117 Resp: 97553
Ion Ratio Lower Upper
117 100
119 96.2 77.0 115.4



#33
Benzene
Concen: 5.579 ug/L
RT: 5.743 min Scan# 1385
Delta R.T. 0.000 min
Lab File: VU063741.D
Acq: 19 Nov 2025 11:00

Tgt Ion: 78 Resp: 295644





#34

Trichloroethene

Concen: 5.707 ug/L

RT: 6.515 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU063741.D

Acq: 19 Nov 2025 11:00

Instrument :

MSVOA_U

ClientSampleId :

VSTD005029

Tgt Ion: 95 Resp: 83940

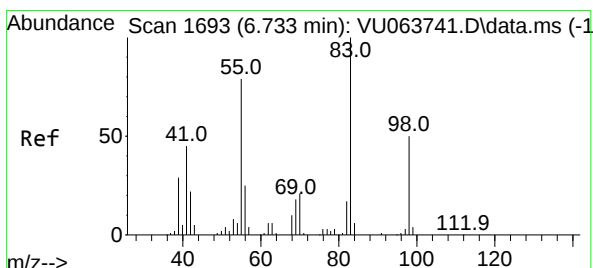
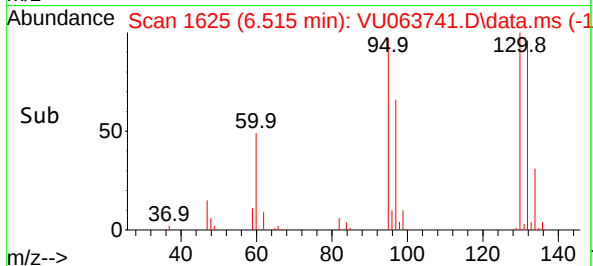
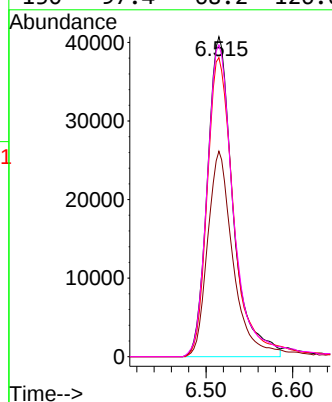
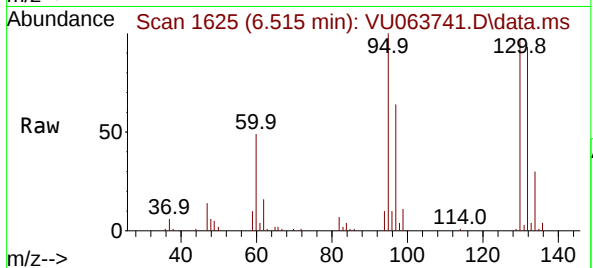
Ion Ratio Lower Upper

95 100

97 64.2 44.9 83.5

132 93.4 65.4 121.4

130 97.4 68.2 126.6



#35

Methylcyclohexane

Concen: 4.690 ug/L

RT: 6.733 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VU063741.D

Acq: 19 Nov 2025 11:00

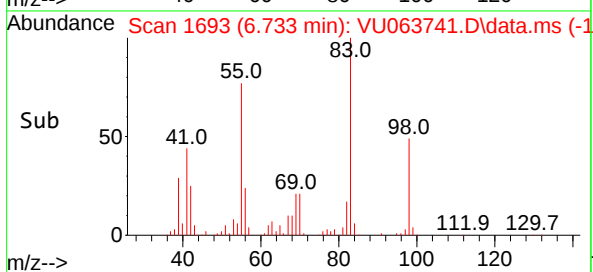
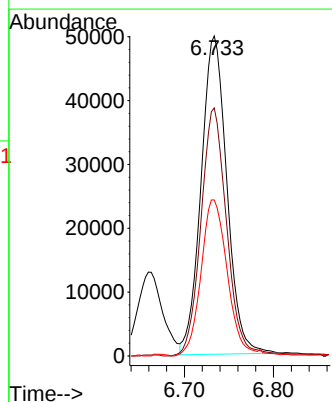
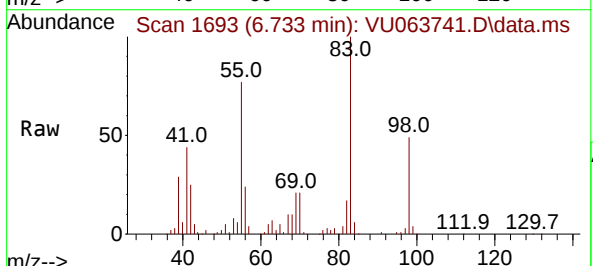
Tgt Ion: 83 Resp: 100311

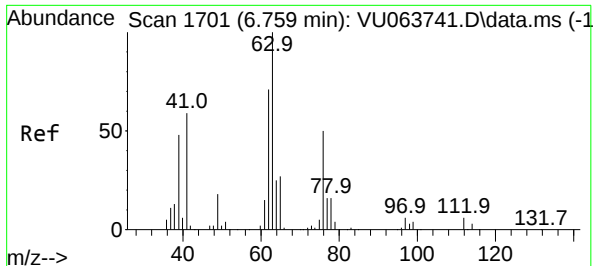
Ion Ratio Lower Upper

83 100

55 78.1 62.5 93.7

98 50.4 40.3 60.5





#37

1,2-Dichloropropane

Concen: 5.513 ug/L

RT: 6.759 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU063741.D

Acq: 19 Nov 2025 11:00

Instrument :

MSVOA_U

ClientSampleId :

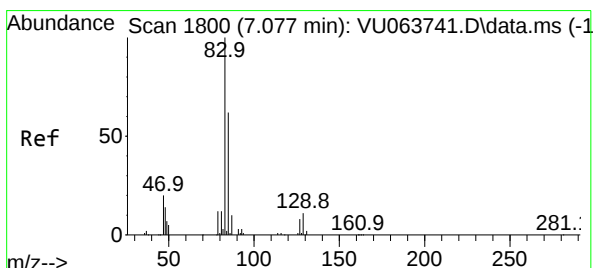
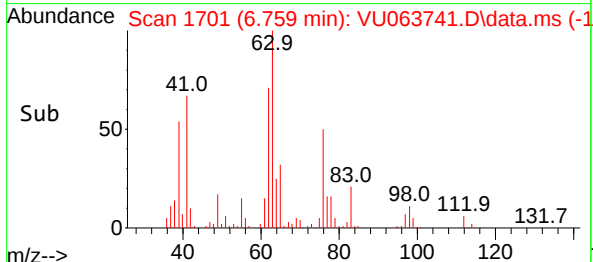
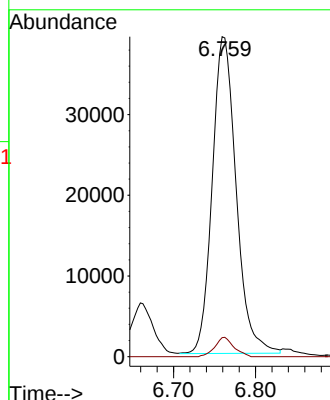
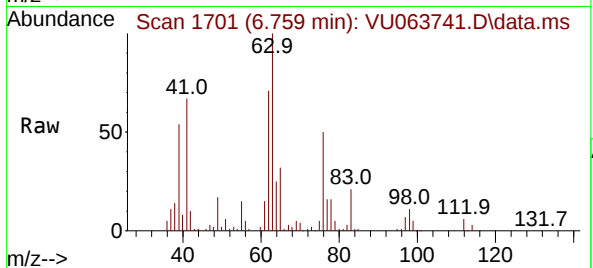
VSTD005029

Tgt Ion: 63 Resp: 79731

Ion Ratio Lower Upper

63 100

112 4.8 3.8 5.8



#38

Bromodichloromethane

Concen: 6.682 ug/L

RT: 7.077 min Scan# 1800

Delta R.T. 0.000 min

Lab File: VU063741.D

Acq: 19 Nov 2025 11:00

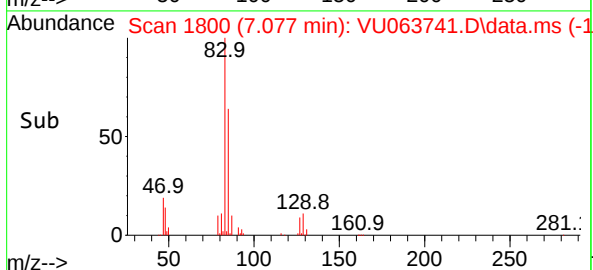
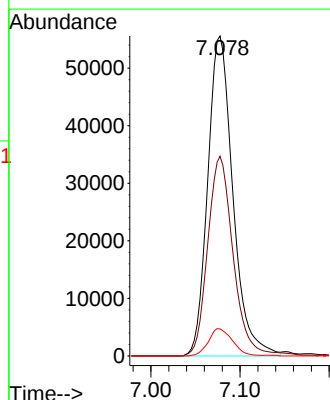
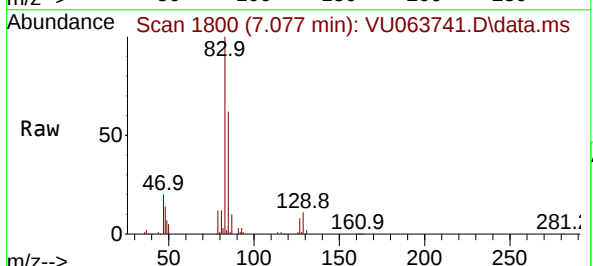
Tgt Ion: 83 Resp: 109180

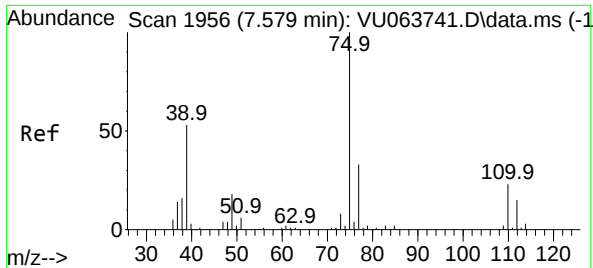
Ion Ratio Lower Upper

83 100

85 62.4 43.7 81.1

127 8.4 6.7 10.1

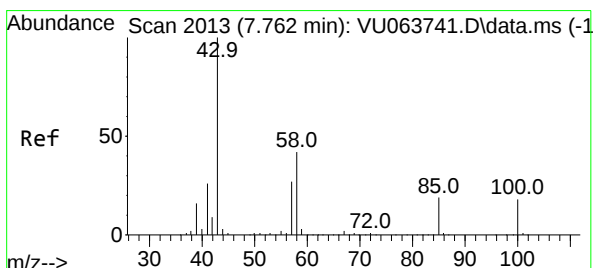
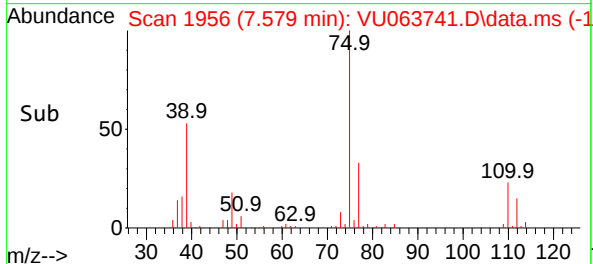
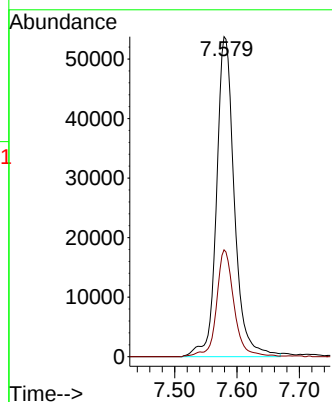
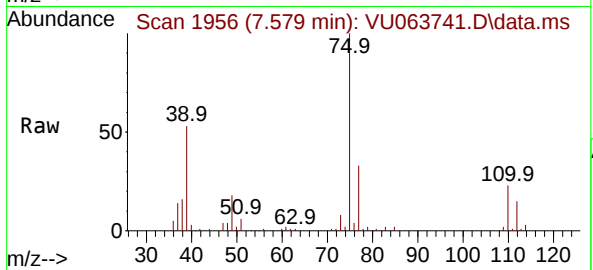




#39
 cis-1,3-Dichloropropene
 Concen: 6.269 ug/L
 RT: 7.579 min Scan# 1956
 Delta R.T. 0.000 min
 Lab File: VU063741.D
 Acq: 19 Nov 2025 11:00

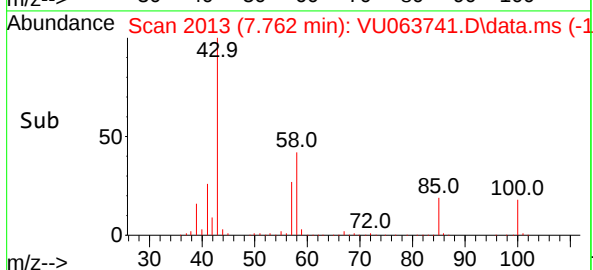
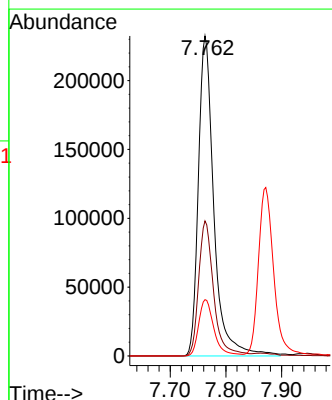
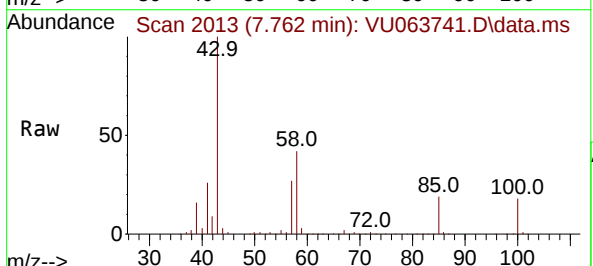
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005029

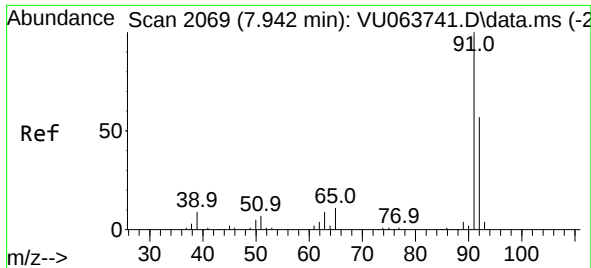
Tgt Ion: 75 Resp: 106591
 Ion Ratio Lower Upper
 75 100
 77 33.4 23.4 43.4



#40
 4-Methyl-2-pentanone
 Concen: 54.895 ug/L
 RT: 7.762 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VU063741.D
 Acq: 19 Nov 2025 11:00

Tgt Ion: 43 Resp: 449840
 Ion Ratio Lower Upper
 43 100
 58 40.8 32.6 49.0
 100 17.4 13.9 20.9





#42

Toluene

Concen: 5.870 ug/L

RT: 7.942 min Scan# 2069

Delta R.T. 0.000 min

Lab File: VU063741.D

Acq: 19 Nov 2025 11:00

Instrument :

MSVOA_U

ClientSampleId :

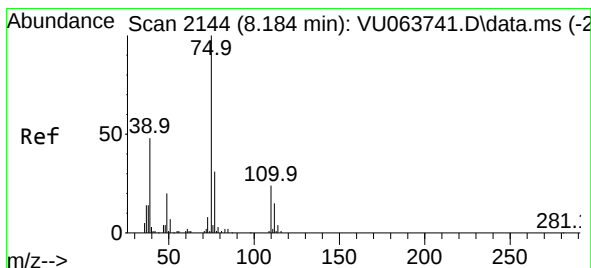
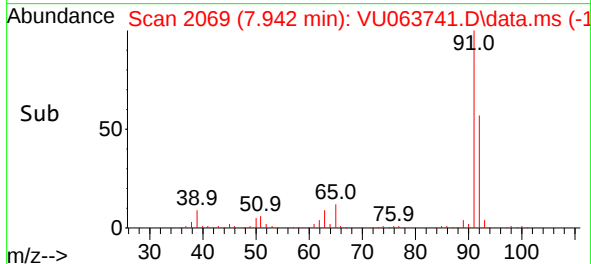
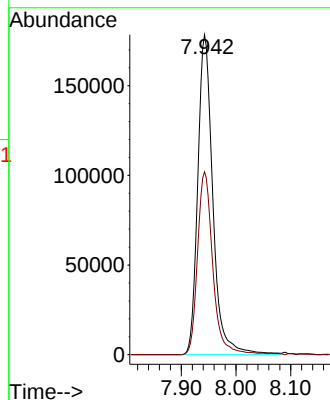
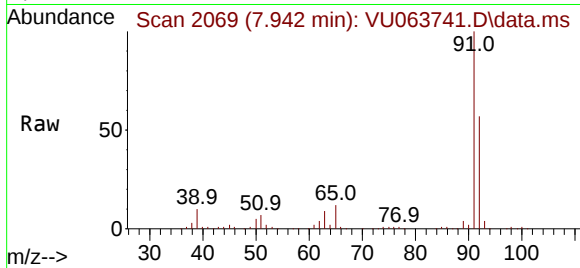
VSTD005029

Tgt Ion: 91 Resp: 341444

Ion Ratio Lower Upper

91 100

92 57.1 40.0 74.2



#44

trans-1,3-Dichloropropene

Concen: 6.483 ug/L

RT: 8.184 min Scan# 2144

Delta R.T. 0.000 min

Lab File: VU063741.D

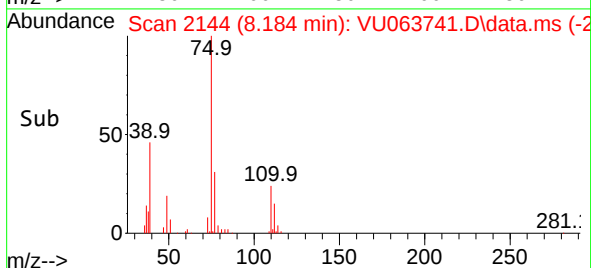
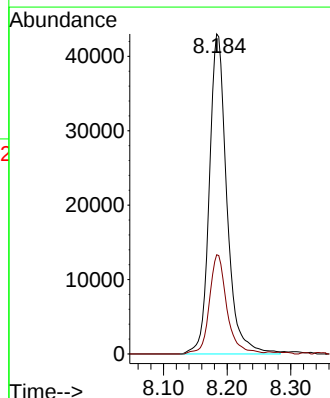
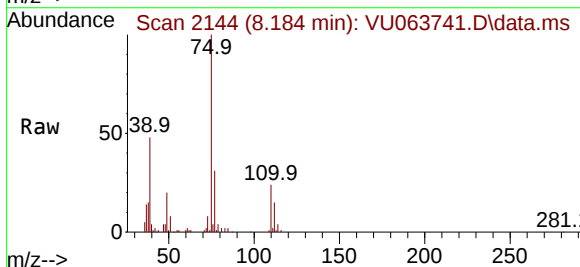
Acq: 19 Nov 2025 11:00

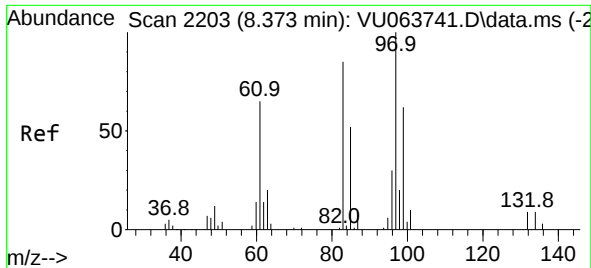
Tgt Ion: 75 Resp: 82308

Ion Ratio Lower Upper

75 100

77 31.0 21.7 40.3



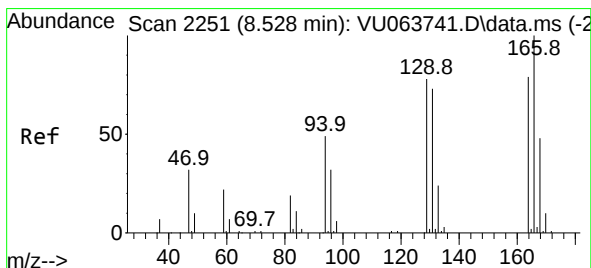
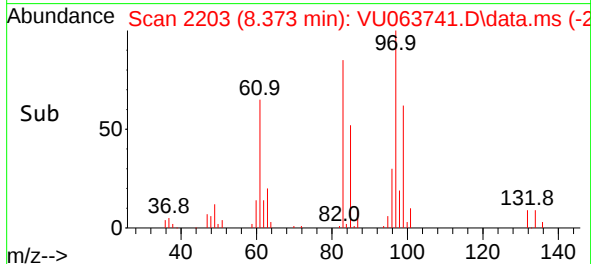
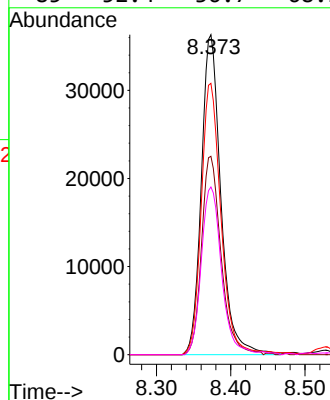
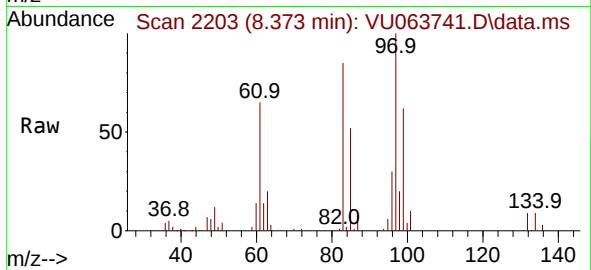


#45
1,1,2-Trichloroethane
Concen: 6.452 ug/L
RT: 8.373 min Scan# 2203
Delta R.T. 0.000 min
Lab File: VU063741.D
Acq: 19 Nov 2025 11:00

Instrument :
MSVOA_U
ClientSampleId :
VSTD005029

Tgt Ion: 97 Resp: 66493

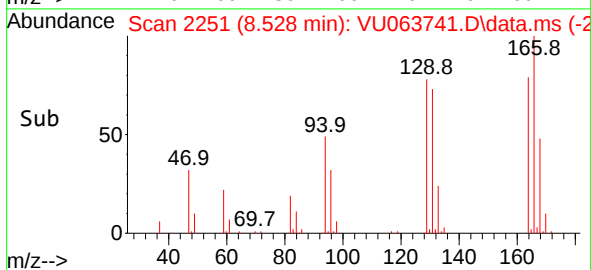
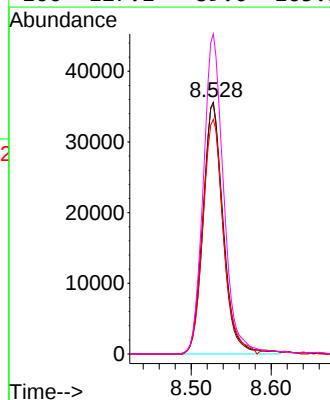
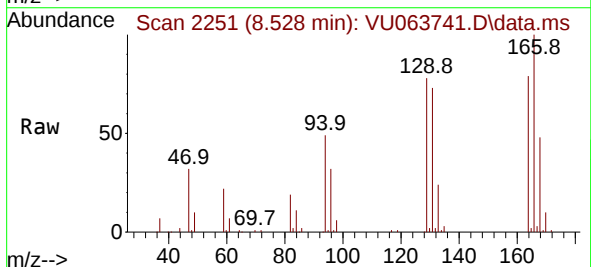
Ion	Ratio	Lower	Upper
97	100		
99	62.0	43.4	80.6
83	84.8	59.4	110.2
85	52.4	36.7	68.1

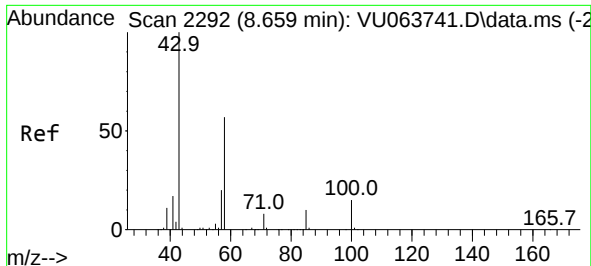


#47
Tetrachloroethene
Concen: 5.596 ug/L
RT: 8.528 min Scan# 2251
Delta R.T. 0.000 min
Lab File: VU063741.D
Acq: 19 Nov 2025 11:00

Tgt Ion: 164 Resp: 62878

Ion	Ratio	Lower	Upper
164	100		
129	99.3	69.5	129.1
131	93.2	65.2	121.2
166	127.1	89.0	165.2

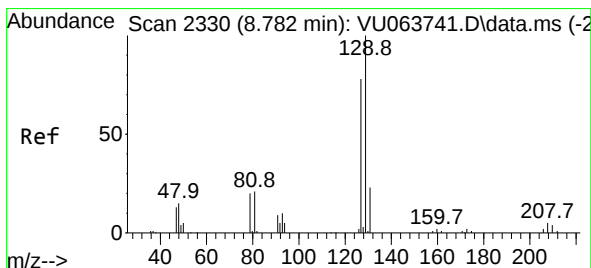
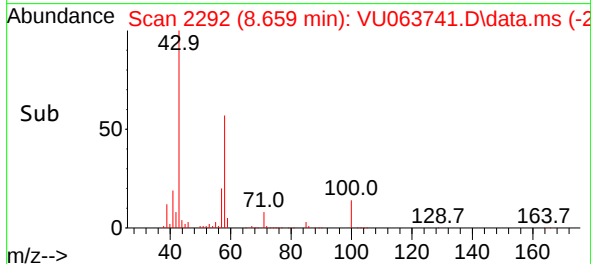
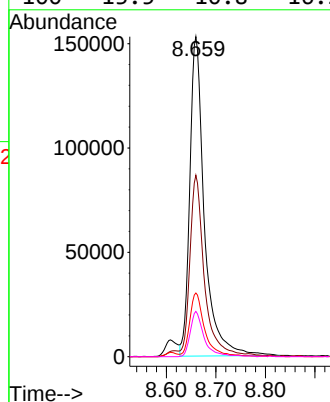
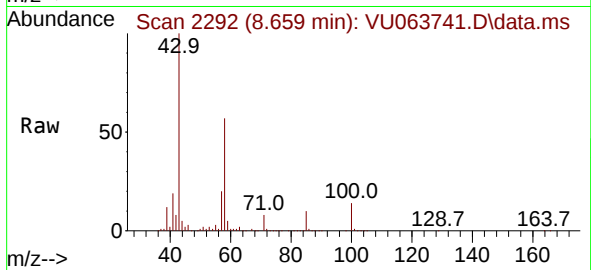




#48
2-Hexanone
Concen: 54.514 ug/L
RT: 8.659 min Scan# 2292
Delta R.T. 0.000 min
Lab File: VU063741.D
Acq: 19 Nov 2025 11:00

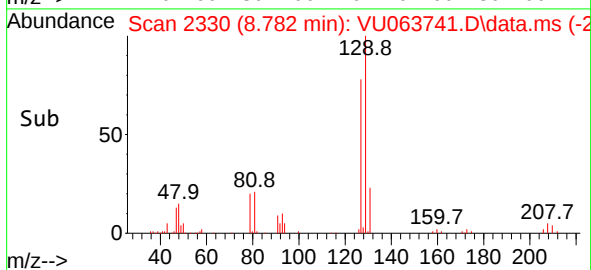
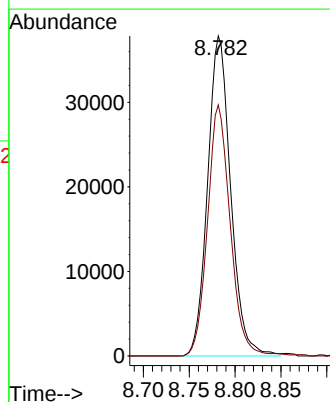
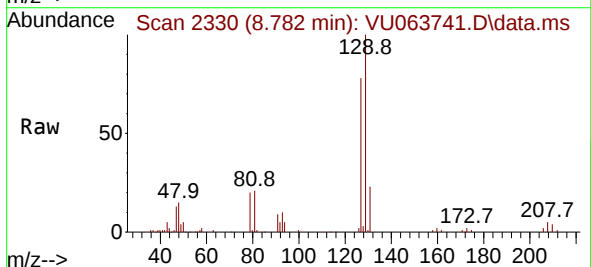
Instrument :
MSVOA_U
ClientSampleId :
VSTD005029

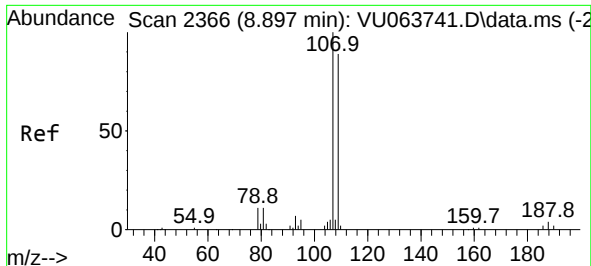
Tgt Ion: 43 Resp: 314507
Ion Ratio Lower Upper
43 100
58 54.1 43.3 64.9
57 20.2 16.2 24.2
100 13.5 10.8 16.2



#49
Dibromochloromethane
Concen: 6.833 ug/L
RT: 8.782 min Scan# 2330
Delta R.T. 0.000 min
Lab File: VU063741.D
Acq: 19 Nov 2025 11:00

Tgt Ion: 129 Resp: 66348
Ion Ratio Lower Upper
129 100
127 78.5 54.9 102.1

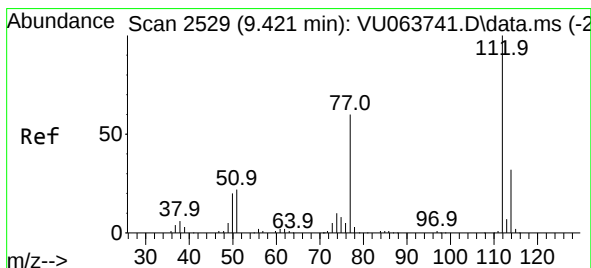
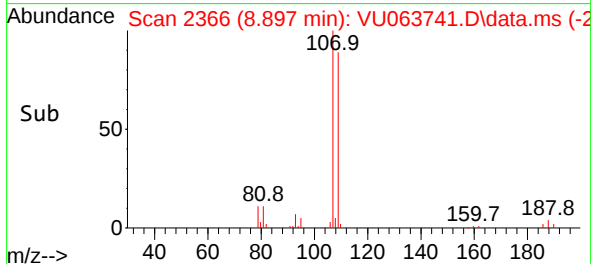
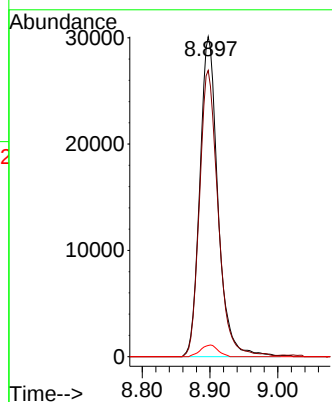
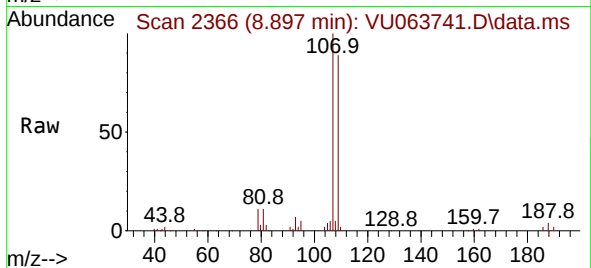




#50
1,2-Dibromoethane
Concen: 6.193 ug/L
RT: 8.897 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU063741.D
Acq: 19 Nov 2025 11:00

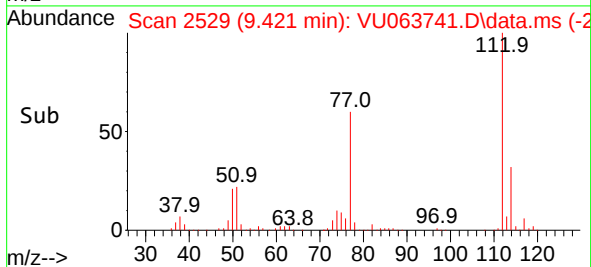
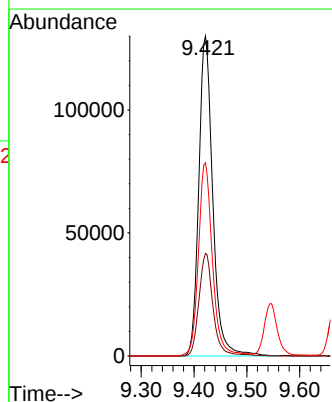
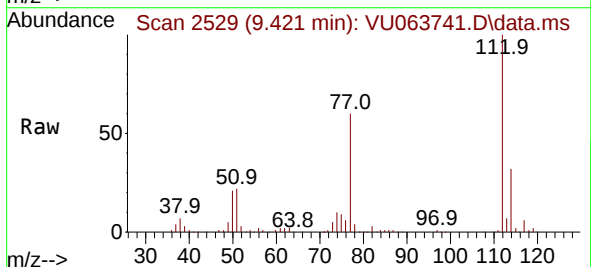
Instrument :
MSVOA_U
ClientSampleId :
VSTD005029

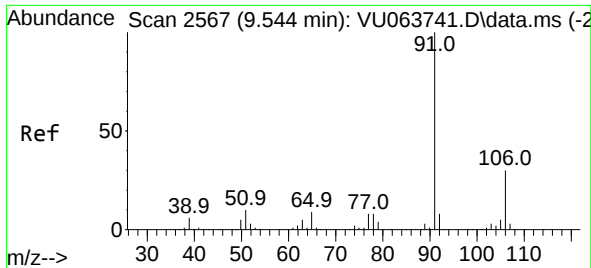
Tgt Ion:107 Resp: 55930
Ion Ratio Lower Upper
107 100
109 89.5 62.6 116.3
188 3.5 2.8 4.2



#51
Chlorobenzene
Concen: 6.229 ug/L
RT: 9.421 min Scan# 2529
Delta R.T. 0.000 min
Lab File: VU063741.D
Acq: 19 Nov 2025 11:00

Tgt Ion:112 Resp: 238747
Ion Ratio Lower Upper
112 100
114 32.0 22.4 41.6
77 60.4 48.3 72.5

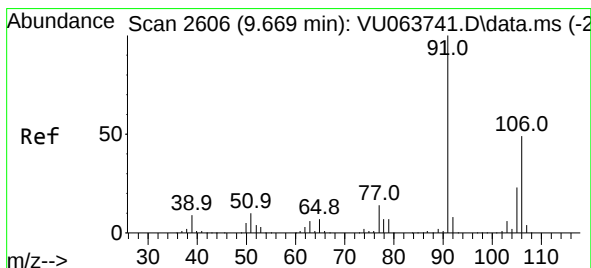
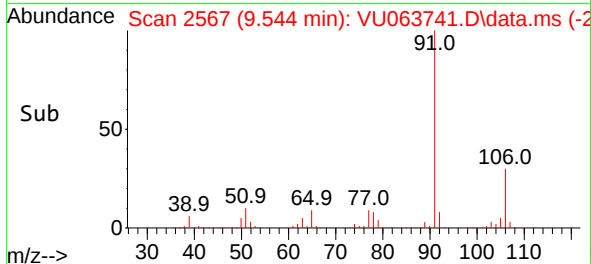
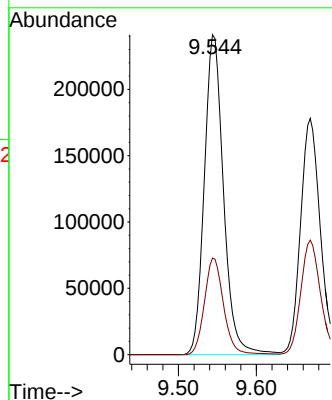
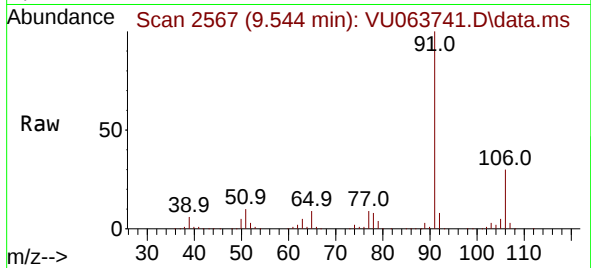




#52
Ethylbenzene
Concen: 6.322 ug/L
RT: 9.544 min Scan# 2567
Delta R.T. 0.000 min
Lab File: VU063741.D
Acq: 19 Nov 2025 11:00

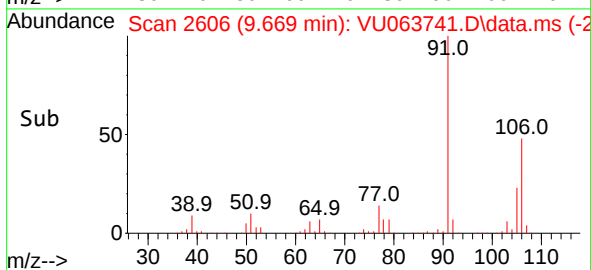
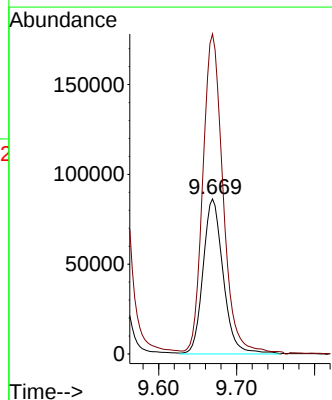
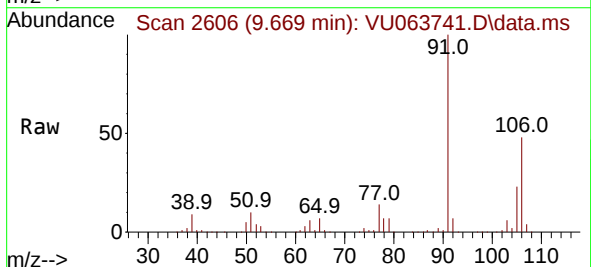
Instrument :
MSVOA_U
ClientSampleId :
VSTD005029

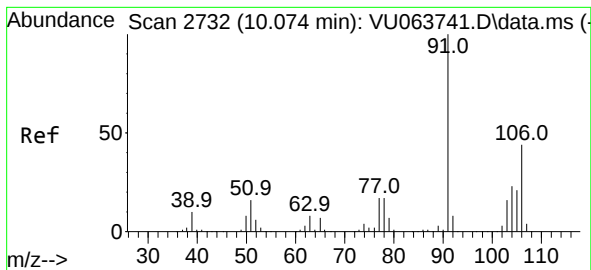
Tgt Ion: 91 Resp: 413054
Ion Ratio Lower Upper
91 100
106 30.2 21.1 39.3



#53
m,p-Xylene
Concen: 6.385 ug/L
RT: 9.669 min Scan# 2606
Delta R.T. 0.000 min
Lab File: VU063741.D
Acq: 19 Nov 2025 11:00

Tgt Ion: 106 Resp: 155361
Ion Ratio Lower Upper
106 100
91 206.4 144.5 268.3





#54

o-Xylene

Concen: 6.429 ug/L

RT: 10.074 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU063741.D

Acq: 19 Nov 2025 11:00

Instrument :

MSVOA_U

ClientSampleId :

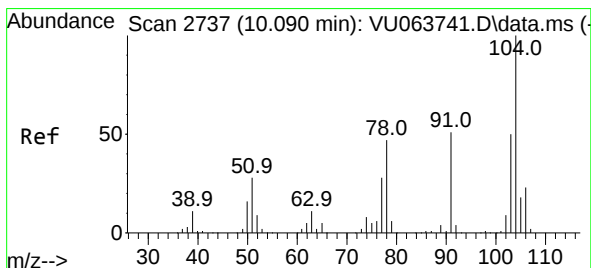
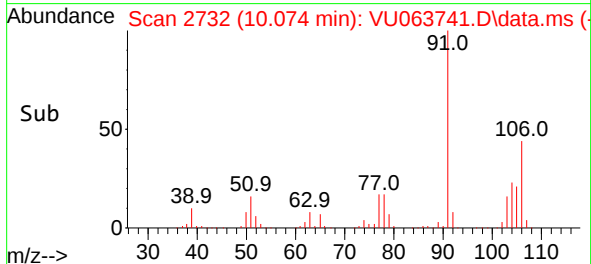
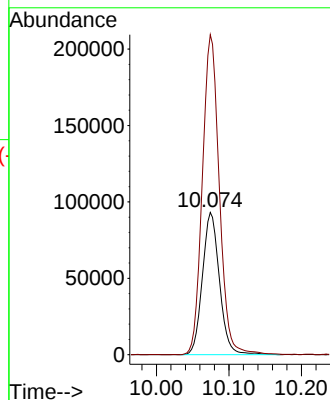
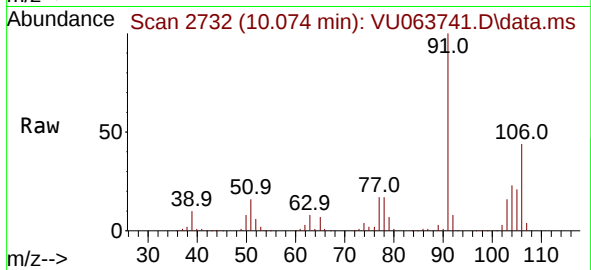
VSTD005029

Tgt Ion:106 Resp: 152291

Ion Ratio Lower Upper

106 100

91 224.9 157.4 292.4



#55

Styrene

Concen: 6.577 ug/L

RT: 10.090 min Scan# 2737

Delta R.T. 0.000 min

Lab File: VU063741.D

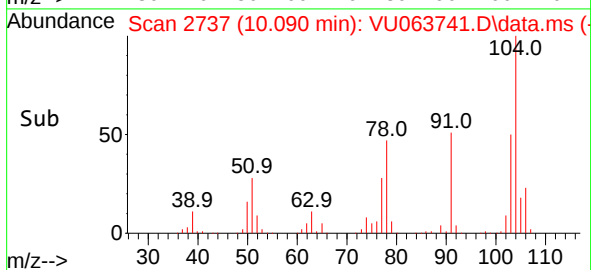
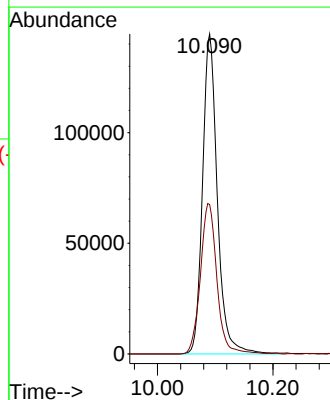
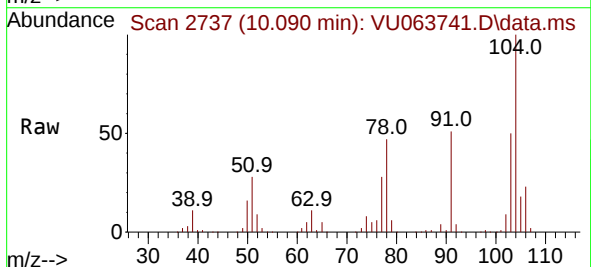
Acq: 19 Nov 2025 11:00

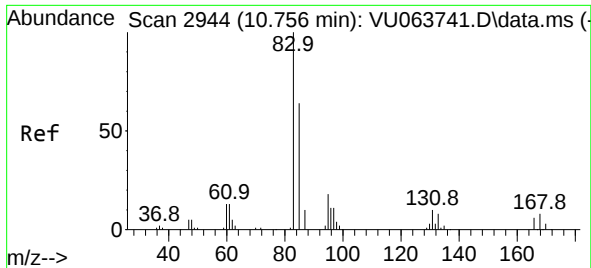
Tgt Ion:104 Resp: 257453

Ion Ratio Lower Upper

104 100

78 46.7 32.7 60.7

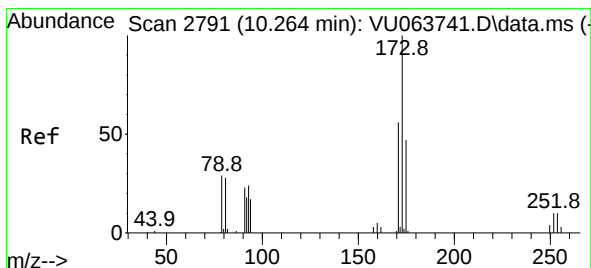
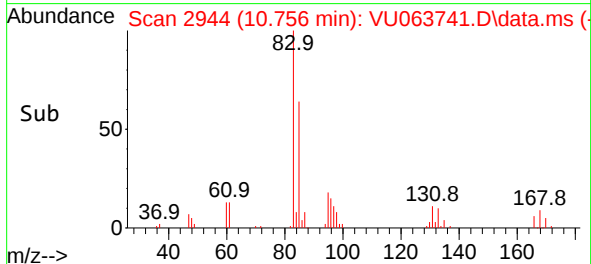
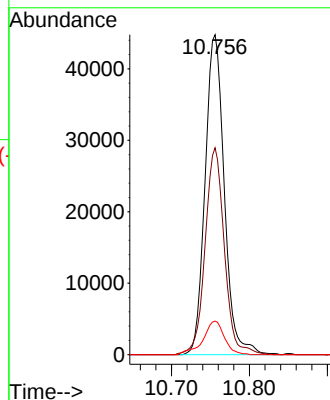
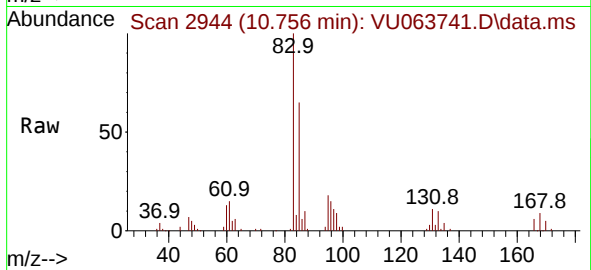




#57
1,1,2,2-Tetrachloroethane
Concen: 6.261 ug/L
RT: 10.756 min Scan# 2944
Delta R.T. 0.000 min
Lab File: VU063741.D
Acq: 19 Nov 2025 11:00

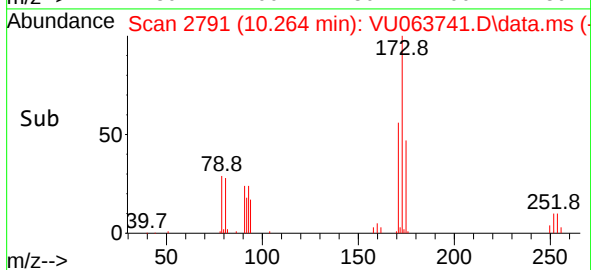
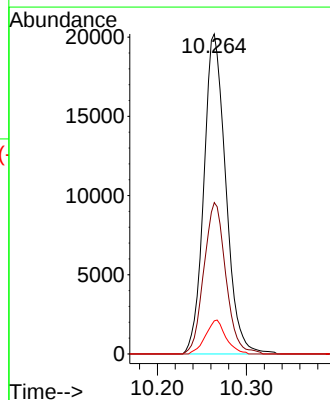
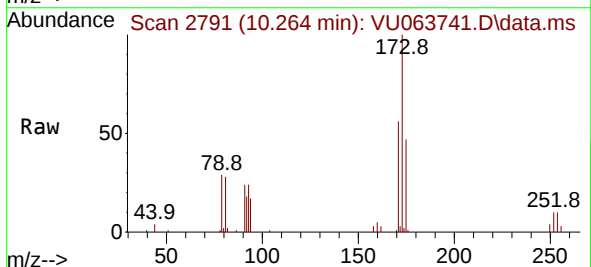
Instrument :
MSVOA_U
ClientSampleId :
VSTD005029

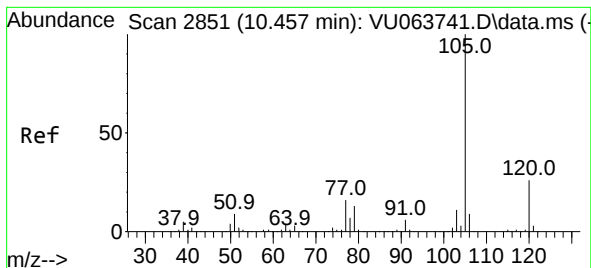
Tgt Ion: 83 Resp: 76772
Ion Ratio Lower Upper
83 100
85 64.6 45.2 84.0
131 10.5 8.4 12.6



#59
Bromoform
Concen: 5.682 ug/L
RT: 10.264 min Scan# 2791
Delta R.T. 0.000 min
Lab File: VU063741.D
Acq: 19 Nov 2025 11:00

Tgt Ion: 173 Resp: 34509
Ion Ratio Lower Upper
173 100
175 47.3 37.8 56.8
254 9.8 7.8 11.8





#60

Isopropylbenzene

Concen: 5.526 ug/L

RT: 10.457 min Scan# 2851

Delta R.T. 0.000 min

Lab File: VU063741.D

Acq: 19 Nov 2025 11:00

Instrument :

MSVOA_U

ClientSampleId :

VSTD005029

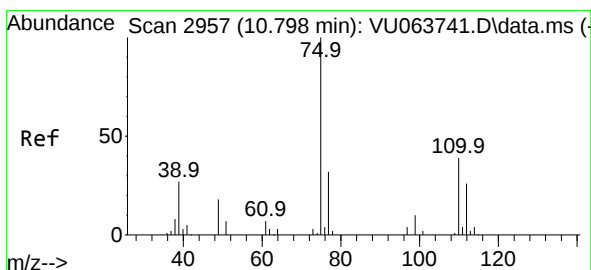
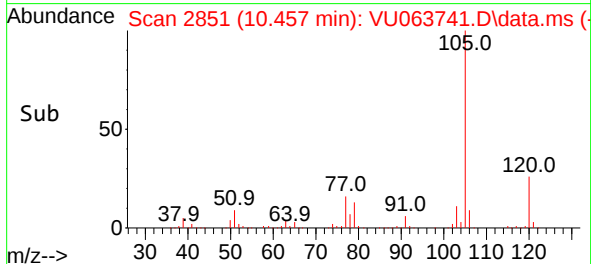
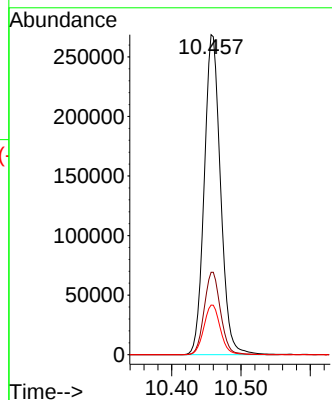
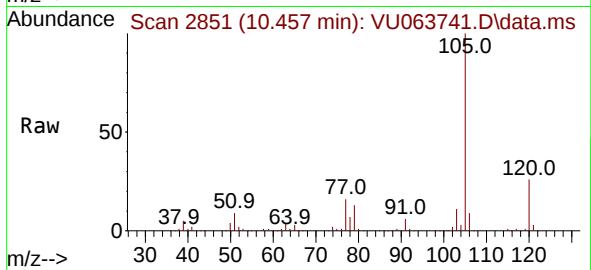
Tgt Ion:105 Resp: 437627

Ion Ratio Lower Upper

105 100

120 25.8 20.6 31.0

77 15.8 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 5.081 ug/L

RT: 10.798 min Scan# 2957

Delta R.T. 0.000 min

Lab File: VU063741.D

Acq: 19 Nov 2025 11:00

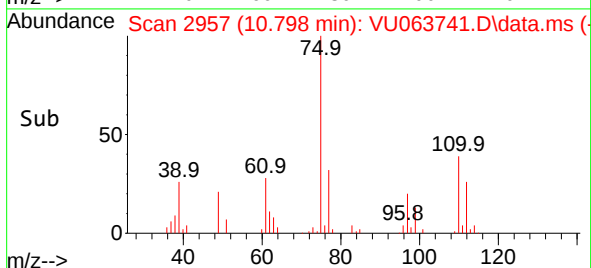
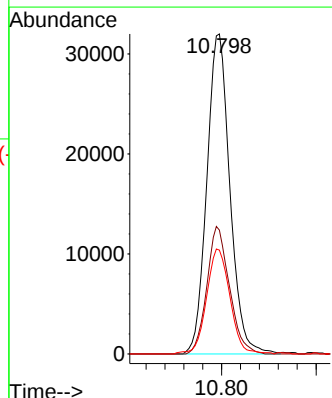
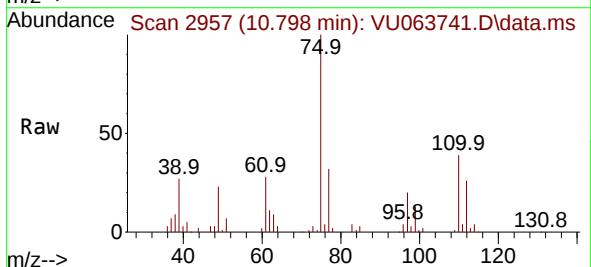
Tgt Ion: 75 Resp: 54205

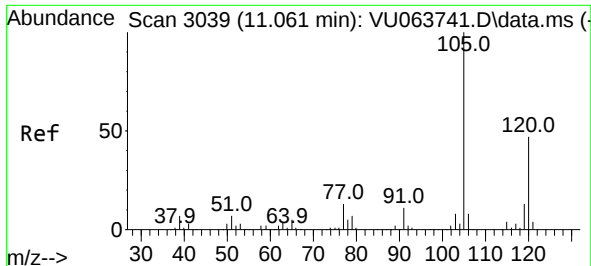
Ion Ratio Lower Upper

75 100

110 39.0 31.2 46.8

77 33.3 26.6 40.0





#62

1,3,5-Trimethylbenzene

Concen: 5.627 ug/L

RT: 11.061 min Scan# 3039

Delta R.T. 0.000 min

Lab File: VU063741.D

Acq: 19 Nov 2025 11:00

Instrument :

MSVOA_U

ClientSampleId :

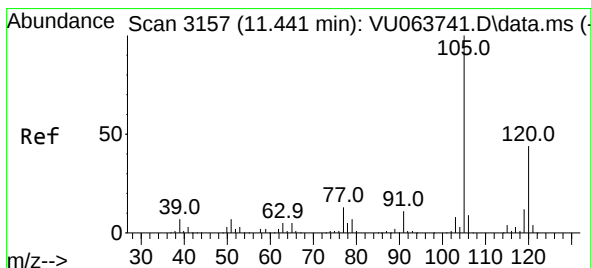
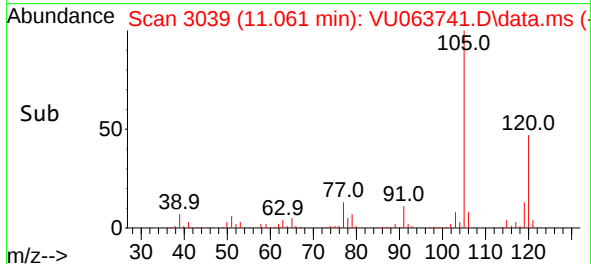
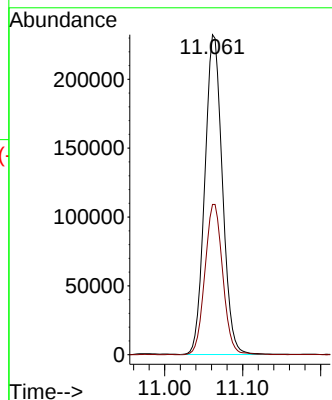
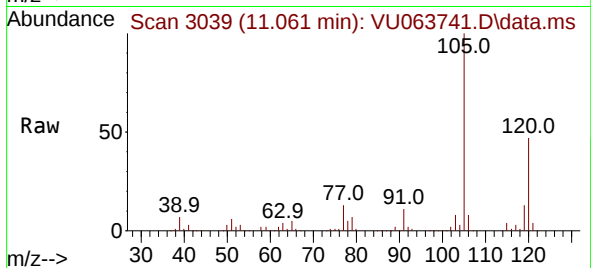
VSTD005029

Tgt Ion:105 Resp: 363672

Ion Ratio Lower Upper

105 100

120 47.7 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 5.701 ug/L

RT: 11.441 min Scan# 3157

Delta R.T. 0.000 min

Lab File: VU063741.D

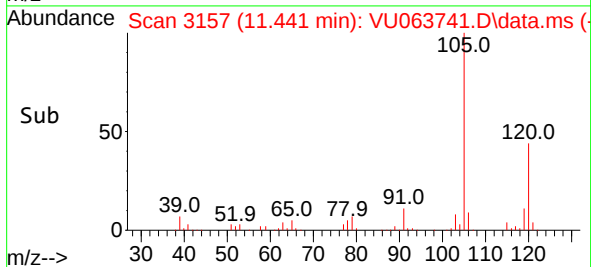
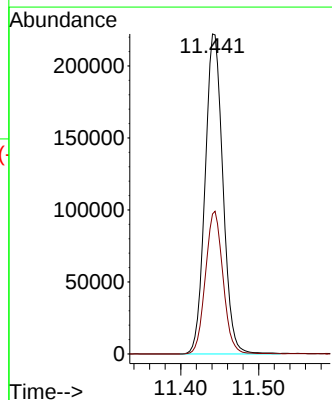
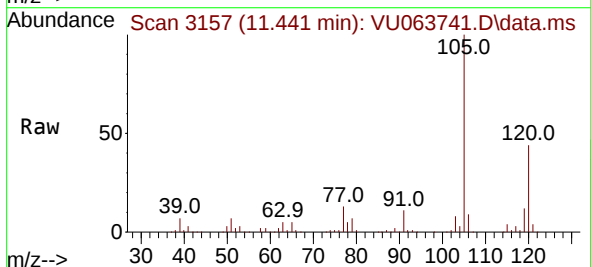
Acq: 19 Nov 2025 11:00

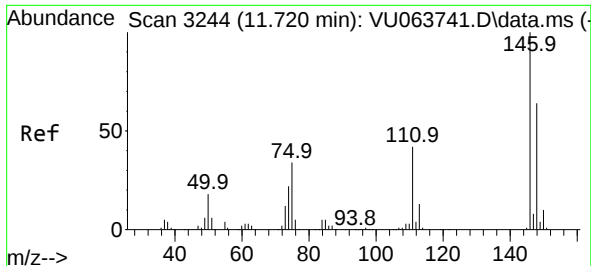
Tgt Ion:105 Resp: 352916

Ion Ratio Lower Upper

105 100

120 43.9 35.1 52.7

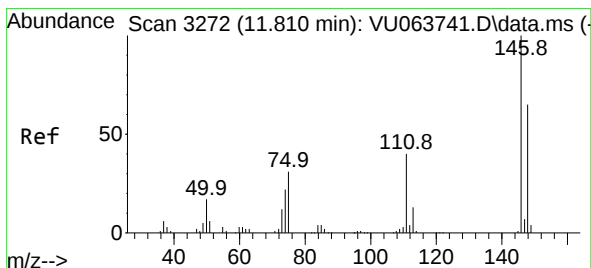
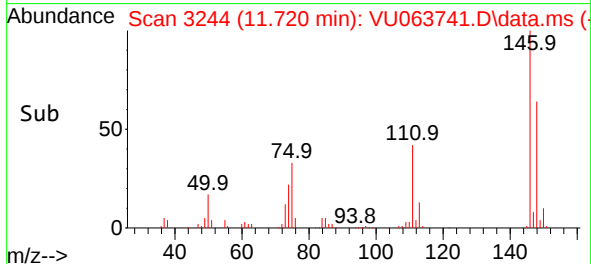
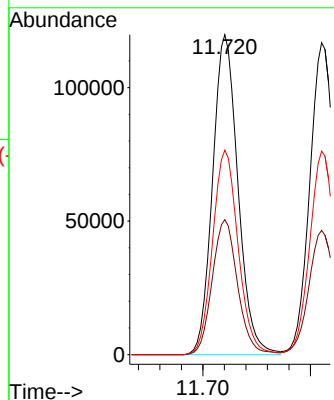
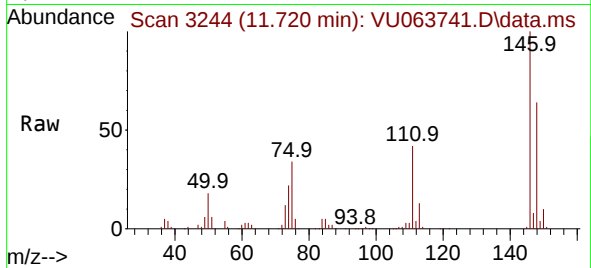




#64
1,3-Dichlorobenzene
Concen: 5.535 ug/L
RT: 11.720 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU063741.D
Acq: 19 Nov 2025 11:00

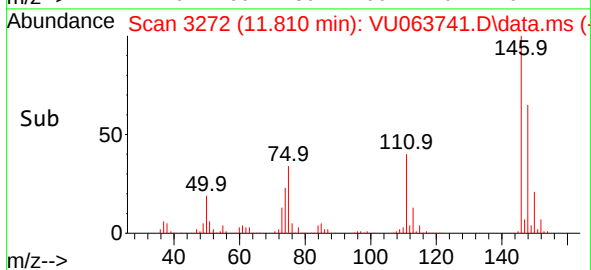
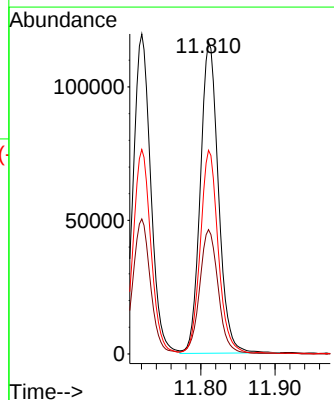
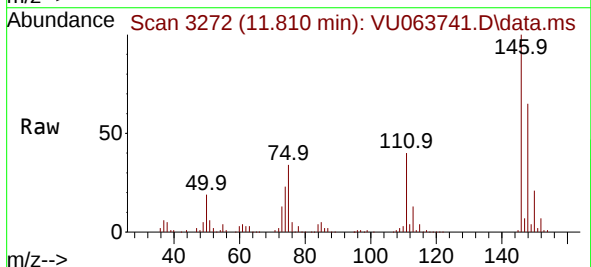
Instrument :
MSVOA_U
ClientSampleId :
VSTD005029

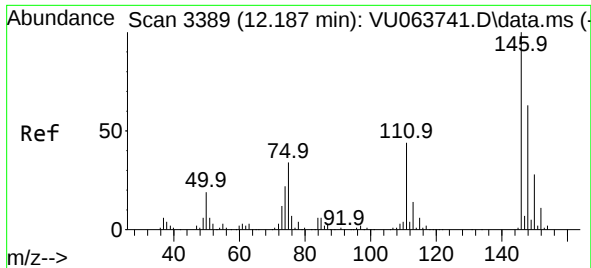
Tgt Ion:146 Resp: 196482
Ion Ratio Lower Upper
146 100
111 42.2 29.5 54.9
148 63.9 44.7 83.1



#65
1,4-Dichlorobenzene
Concen: 5.497 ug/L
RT: 11.810 min Scan# 3272
Delta R.T. 0.000 min
Lab File: VU063741.D
Acq: 19 Nov 2025 11:00

Tgt Ion:146 Resp: 197546
Ion Ratio Lower Upper
146 100
111 39.8 27.9 51.7
148 65.3 45.7 84.9

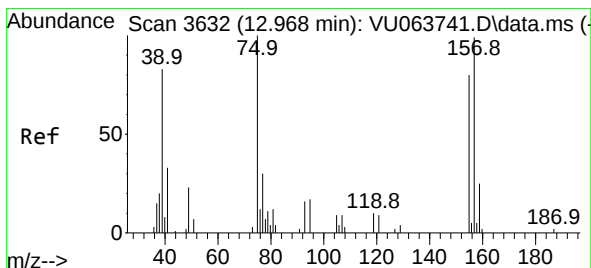
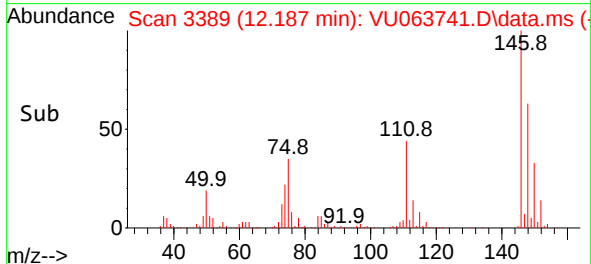
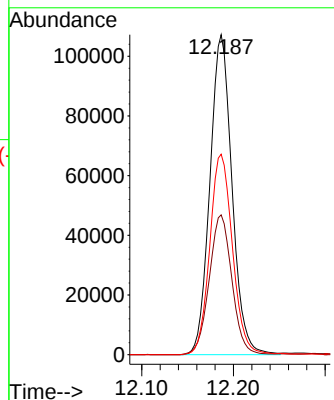
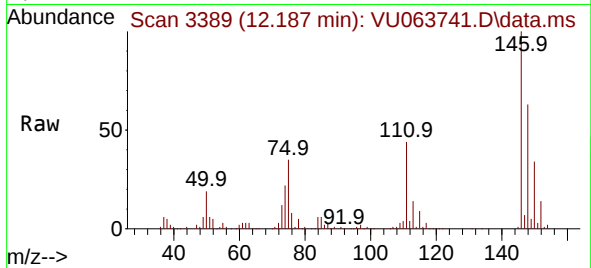




#67
 1,2-Dichlorobenzene
 Concen: 5.430 ug/L
 RT: 12.187 min Scan# 3389
 Delta R.T. 0.000 min
 Lab File: VU063741.D
 Acq: 19 Nov 2025 11:00

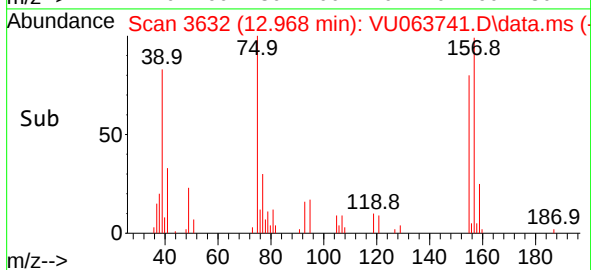
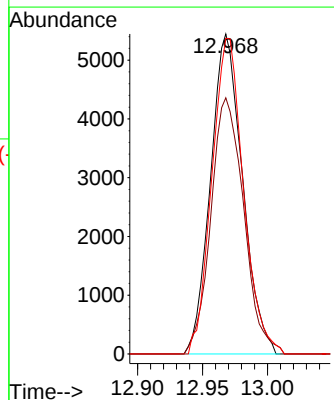
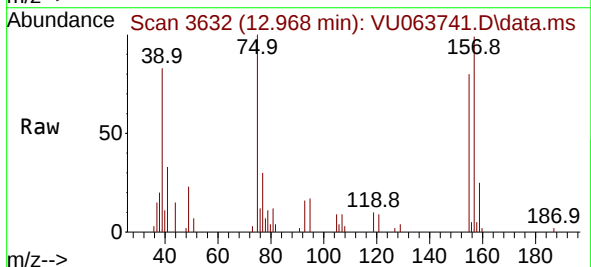
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005029

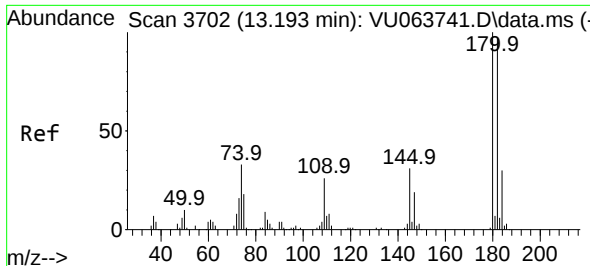
Tgt Ion:146 Resp: 179548
 Ion Ratio Lower Upper
 146 100
 111 43.7 35.0 52.4
 148 62.7 50.2 75.2



#68
 1,2-Dibromo-3-chloropropane
 Concen: 5.579 ug/L
 RT: 12.968 min Scan# 3632
 Delta R.T. 0.000 min
 Lab File: VU063741.D
 Acq: 19 Nov 2025 11:00

Tgt Ion: 75 Resp: 9317
 Ion Ratio Lower Upper
 75 100
 155 80.1 64.1 96.1
 157 98.7 79.0 118.4

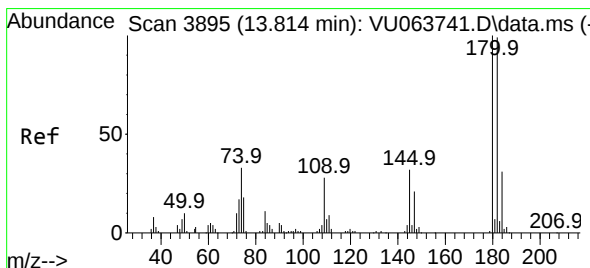
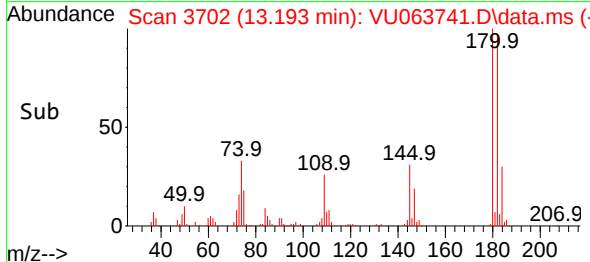
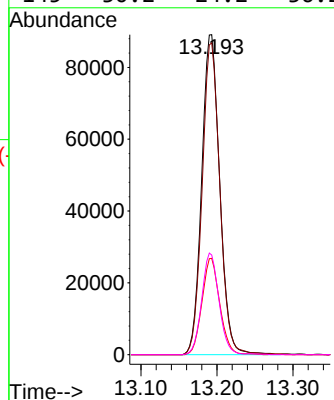
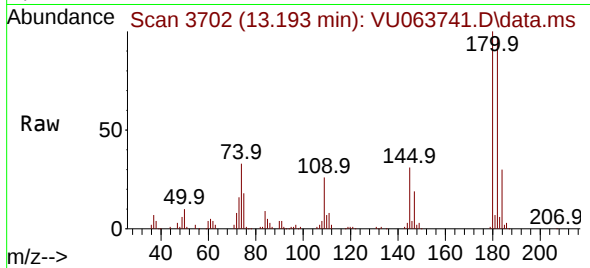




#69
 1,3,5-Trichlorobenzene
 Concen: 5.512 ug/L
 RT: 13.193 min Scan# 3702
 Delta R.T. 0.000 min
 Lab File: VU063741.D
 Acq: 19 Nov 2025 11:00

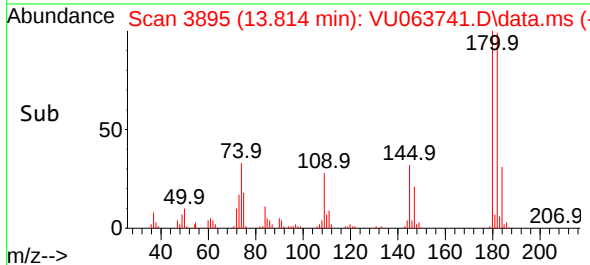
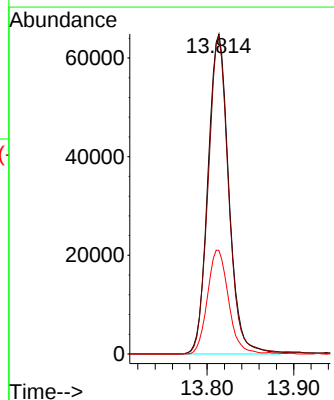
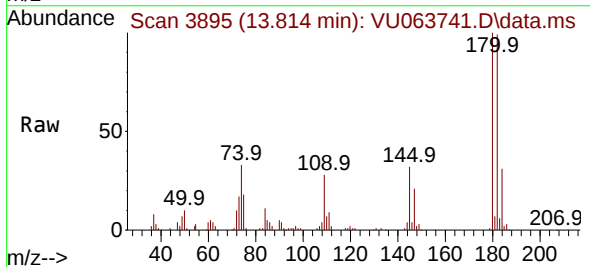
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005029

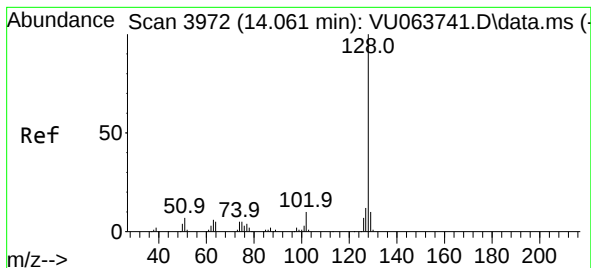
Tgt Ion:	180	Resp:	147076
Ion Ratio	Lower	Upper	
180	100		
182	95.5	76.4	114.6
184	29.7	23.8	35.6
145	30.2	24.2	36.2



#70
 1,2,4-trichlorobenzene
 Concen: 5.280 ug/L
 RT: 13.814 min Scan# 3895
 Delta R.T. 0.000 min
 Lab File: VU063741.D
 Acq: 19 Nov 2025 11:00

Tgt Ion:	180	Resp:	108635
Ion Ratio	Lower	Upper	
180	100		
182	97.2	77.8	116.6
145	32.6	26.1	39.1





#71

Naphthalene

Concen: 4.635 ug/L

RT: 14.061 min Scan# 3972

Delta R.T. 0.000 min

Lab File: VU063741.D

Acq: 19 Nov 2025 11:00

Instrument :

MSVOA_U

ClientSampleId :

VSTD005029

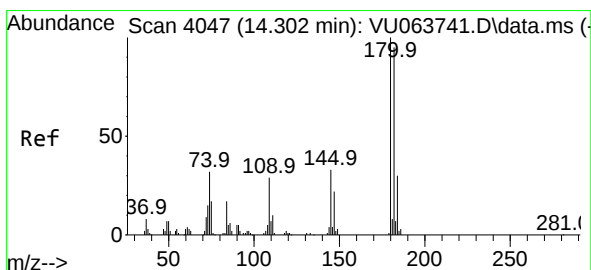
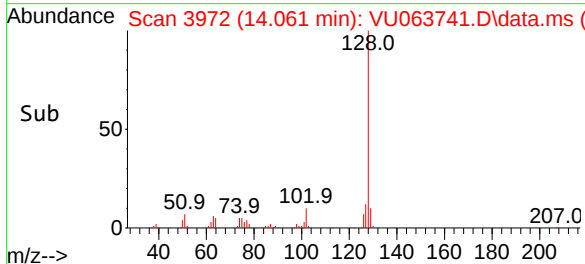
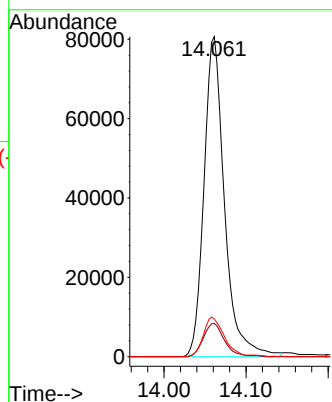
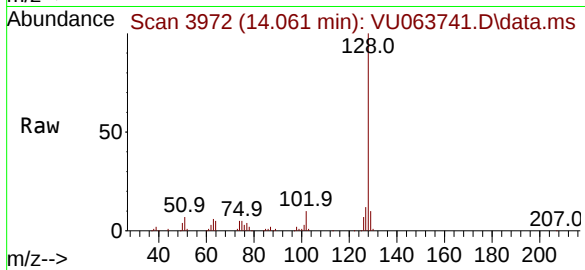
Tgt Ion:128 Resp: 139858

Ion Ratio Lower Upper

128 100

129 10.7 8.6 12.8

127 12.5 10.0 15.0



#72

1,2,3-Trichlorobenzene

Concen: 5.096 ug/L

RT: 14.302 min Scan# 4047

Delta R.T. 0.000 min

Lab File: VU063741.D

Acq: 19 Nov 2025 11:00

Tgt Ion:180 Resp: 88911

Ion Ratio Lower Upper

180 100

182 94.6 75.7 113.5

145 33.9 27.1 40.7

