

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103125\
 Data File : VU063663.D
 Acq On : 31 Oct 2025 15:59
 Operator : MD/SY
 Sample : VU1031WBS01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1031WBS01

Quant Time: Nov 03 00:58:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U103125DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Nov 03 00:51:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.078	96	257	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.608	95	420	3.612	ug/l	0.00
Spiked Amount	1.000		Recovery	=	361.000%	
68) 1,2-Dichlorobenzene-d4	12.171	152	1084	10.400	ug/l	0.00
Spiked Amount	1.000		Recovery	=	1040.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.374	85	38809	401.193	ug/l	98
3) Chloromethane	1.509	50	38084	418.641	ug/l	98
4) Vinyl Chloride	1.589	62	39261	424.419	ug/l	98
5) Bromomethane	1.830	94	25864	462.561	ug/l	94
6) Chloroethane	1.911	64	24072	423.888	ug/l	98
7) Trichlorofluoromethane	2.117	101	57582	427.962	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.554	101	29575	413.314	ug/l	99
9) 1,1-Dichloroethene	2.554	96	29289	422.668	ug/l	99
10) Iodomethane	2.695	142	32927	319.940	ug/l	100
11) Allyl Chloride	2.895	41	44684	412.970	ug/l	98
12) Acrylonitrile	3.287	53	15576	908.709	ug/l	99
13) Acetone	2.605	43	54069	1785.964	ug/l	99
14) Carbon Disulfide	2.763	76	80419	411.910	ug/l	97
15) Methylene Chloride	3.014	84	36480	409.582	ug/l	100
16) trans-1,2-Dichloroethene	3.319	96	30663	401.276	ug/l	97
17) 1,1-Dichloroethane	3.834	63	63525	419.728	ug/l	100
18) 2-Butanone	4.689	43	62089	1933.367	ug/l	98
19) Cyclohexane	5.345	56	49286	426.131	ug/l	99
20) Methylcyclohexane	6.724	83	61315	425.868	ug/l	98
21) 2,2-Dichloropropane	4.624	77	54318	399.969	ug/l	98
22) cis-1,2-Dichloroethene	4.631	96	35917	412.832	ug/l	98
23) Diethyl Ether	2.358	59	23898	420.901	ug/l	95
24) tert-Butyl Alcohol	3.171	59	31843	3253.715	ug/l	98
25) Methyl tert-Butyl Ether	3.342	73	84939	418.313	ug/l	99
26) Bromochloromethane	4.940	128	15146	412.726	ug/l	97
27) Chloroform	5.052	83	65844	425.151	ug/l	99
28) 1,1,1-Trichloroethane	5.277	97	56315	412.327	ug/l	97
29) 1,1-Dichloropropene	5.486	75	48142	419.893	ug/l	99
30) Carbon Tetrachloride	5.483	117	43678	404.027	ug/l	95
31) Isopropyl Ether	3.969	45	102990	429.501	ug/l	97
32) Ethyl-t-butyl ether	4.480	59	98845	427.856	ug/l	99
33) Tert-Amyl methyl ether	5.923	73	85511	425.104	ug/l	99
34) Propionitrile	4.753	54	14173	2258.449	ug/l	97
35) Benzene	5.737	78	135179	418.302	ug/l	99
36) 1,2-Dichloroethane	5.763	62	43537	419.560	ug/l	# 95
37) Trichloroethene	6.509	130	38717	420.349	ug/l	99
38) 1,2-Dichloropropane	6.763	63	36803	406.929	ug/l	97
39) Methacrylonitrile	4.952	41	12024	384.912	ug/l	98
40) Methyl acrylate	4.827	55	19167	422.536	ug/l	# 96
41) Tetrahydrofuran	5.039	42	12795	910.315	ug/l	96
42) 1-Chlorobutane	5.422	56	62255	405.170	ug/l	98
43) Dibromomethane	6.888	93	19805	423.311	ug/l	97
44) Bromodichloromethane	7.078	83	47080	411.519	ug/l	97

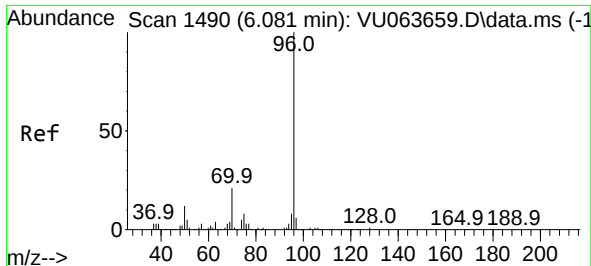
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103125\
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Quant Time: Nov 03 00:58:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U103125DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Nov 03 00:51:51 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.779	43	119297	2114.573	ug/l	100
46) t-1,4-Dichloro-2-butene	10.801	75	38344	1959.377	ug/l #	55
47) Methyl methacrylate	6.946	69	37358	867.853	ug/l	98
48) Ethyl methacrylate	8.316	69	36999	422.610	ug/l	100
49) Toluene	7.943	92	90230	414.000	ug/l	99
50) t-1,3-Dichloropropene	8.187	75	41988	422.277	ug/l	95
51) cis-1,3-Dichloropropene	7.583	75	49962	401.760	ug/l	98
52) 1,1,2-Trichloroethane	8.377	97	28176	442.996	ug/l	96
53) 1,3-Dichloropropane	8.550	76	47346	416.714	ug/l	97
54) 2-Hexanone	8.673	43	89318	1875.208	ug/l	99
55) Dibromochloromethane	8.785	129	29664	396.088	ug/l	99
56) 1,2-Dibromoethane	8.898	107	24934	411.968	ug/l	97
58) Tetrachloroethene	8.525	164	36958	410.208	ug/l	98
59) Chlorobenzene	9.422	112	99540	421.159	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.509	131	33192	401.124	ug/l	97
61) Pentachloroethane	11.402	117	23835	415.236	ug/l	97
62) Hexachloroethane	12.451	117	23723	377.033	ug/l	95
63) Ethyl Benzene	9.544	91	176933	413.288	ug/l	97
64) m/p-Xylenes	9.669	106	131337	821.781	ug/l	99
65) o-Xylene	10.074	106	64417	411.328	ug/l	98
66) Styrene	10.091	104	104153	409.954	ug/l	100
67) Bromoform	10.267	173	15245	377.021	ug/l	97
69) Isopropylbenzene	10.460	105	159690	412.881	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.756	83	34037	426.054	ug/l	100
71) 1,2,3-Trichloropropane	10.801	75	38344	551.651	ug/l #	89
72) Bromobenzene	10.759	156	38252	408.957	ug/l	100
73) n-propylbenzene	10.881	120	44972	409.212	ug/l	100
74) 2-Chlorotoluene	10.962	126	39569	415.405	ug/l	100
75) 1,3,5-Trimethylbenzene	11.065	105	145004	405.471	ug/l	99
76) 4-Chlorotoluene	11.074	126	39990	418.156	ug/l	99
77) tert-Butylbenzene	11.393	119	144455	412.292	ug/l	99
78) 1,2,4-Trimethylbenzene	11.444	105	139832	407.391	ug/l	99
79) sec-Butylbenzene	11.618	105	186603	404.847	ug/l	100
80) Nitrobenzene	13.190	77	3794	1350.356	ug/l #	88
81) p-Isopropyltoluene	11.769	119	151425	401.223	ug/l	99
82) 1,3-Dichlorobenzene	11.721	146	75438	416.454	ug/l	99
83) 1,4-Dichlorobenzene	11.814	146	74350	413.049	ug/l	99
84) n-Butylbenzene	12.184	91	134970	399.020	ug/l	99
85) 1,2-Dichlorobenzene	12.190	146	70687	412.590	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.971	75	5094	384.810	ug/l	98
87) 1,2,4-Trichlorobenzene	13.814	180	42918	406.586	ug/l	98
88) Hexachlorobutadiene	13.994	225	25361	403.596	ug/l	96
89) Naphthalene	14.065	128	87986	433.280	ug/l	99
90) 1,2,3-Trichlorobenzene	14.303	180	40447	419.164	ug/l	99

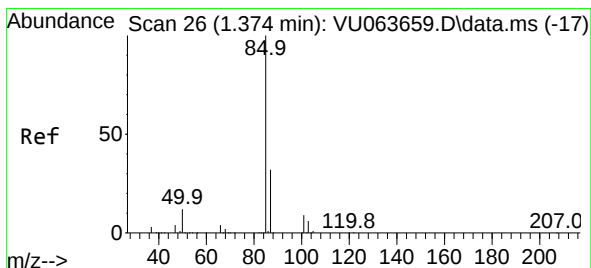
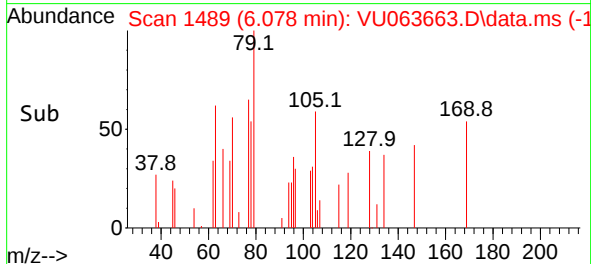
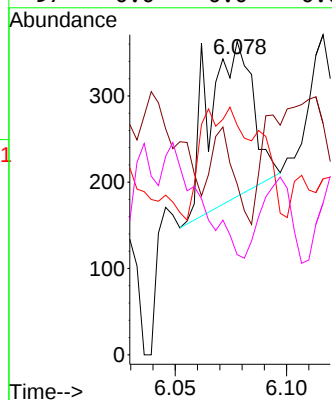
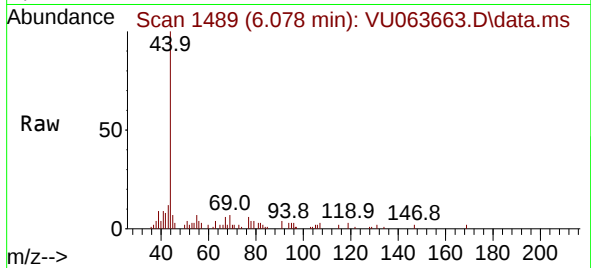
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.078 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU063663.D
Acq: 31 Oct 2025 15:59

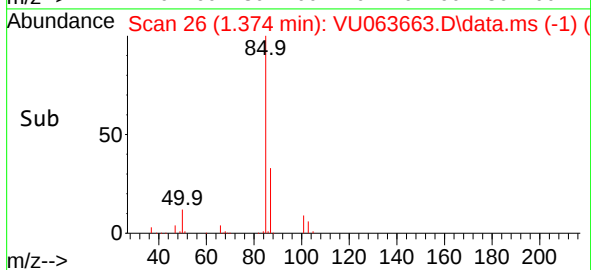
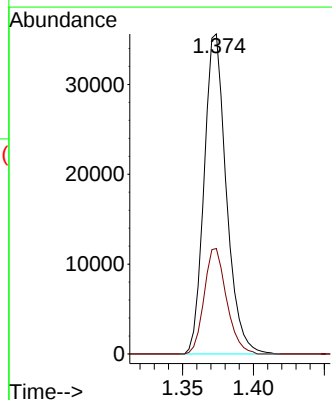
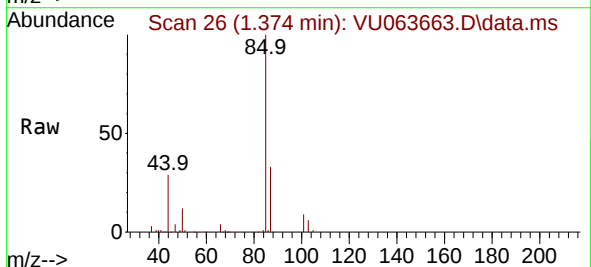
Instrument :
MSVOA_U
ClientSampleId :
VU1031WBS01

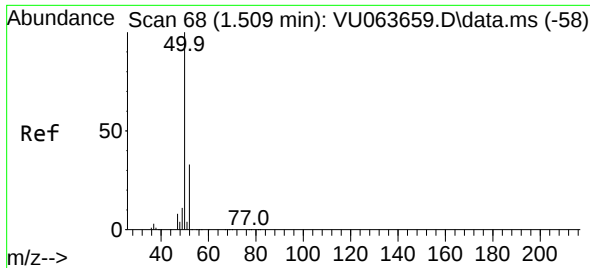
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Ion Ratio Lower Upper
96 100
70 0.0 15.3 22.9#
95 0.0 6.5 9.7#
97 0.0 0.0 0.0



#2
Dichlorodifluoromethane
Concen: 401.193 ug/l
RT: 1.374 min Scan# 26
Delta R.T. 0.000 min
Lab File: VU063663.D
Acq: 31 Oct 2025 15:59

Tgt Ion: 85 Resp: 38809
Ion Ratio Lower Upper
85 100
87 32.9 16.0 47.9

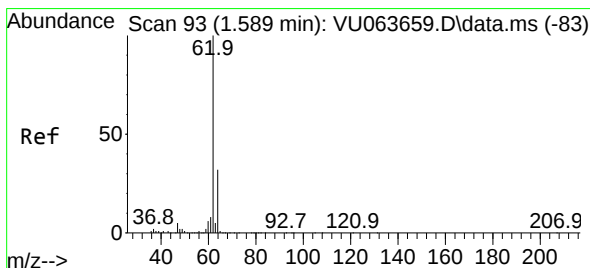
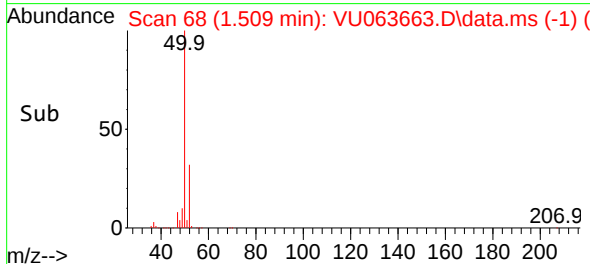
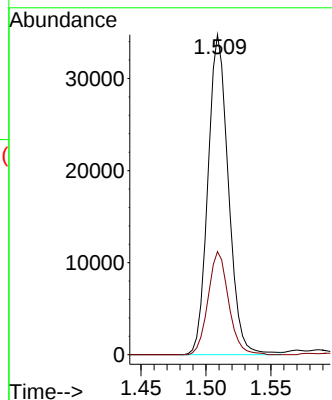
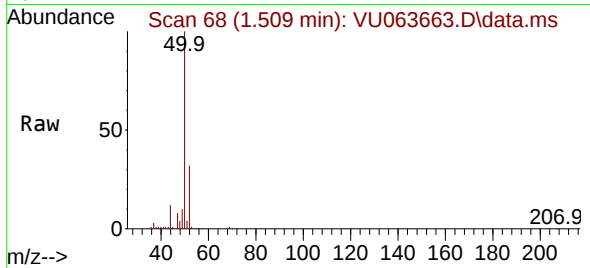




#3
Chloromethane
Concen: 418.641 ug/l
RT: 1.509 min Scan# 68
Delta R.T. 0.000 min
Lab File: VU063663.D
Acq: 31 Oct 2025 15:59

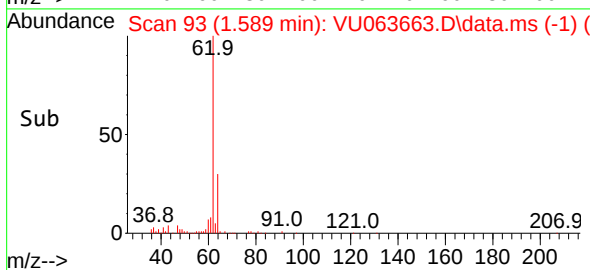
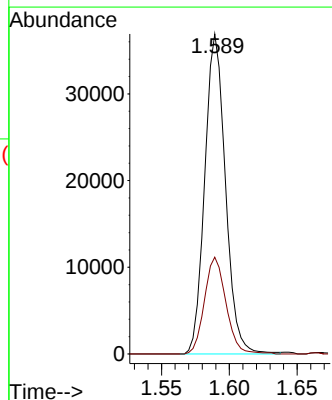
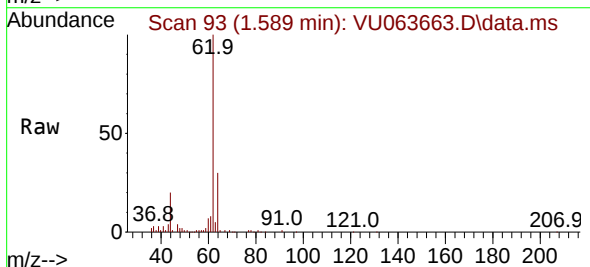
Instrument :
MSVOA_U
ClientSampleId :
VU1031WBS01

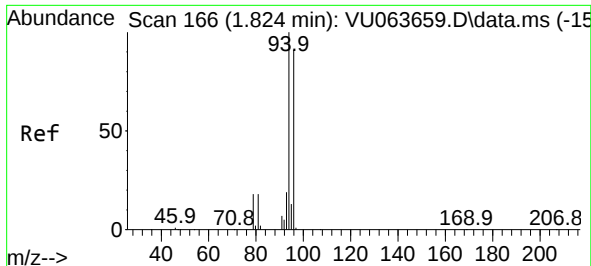
Tgt Ion: 50 Resp: 38084
Ion Ratio Lower Upper
50 100
52 32.2 26.6 40.0



#4
Vinyl Chloride
Concen: 424.419 ug/l
RT: 1.589 min Scan# 93
Delta R.T. 0.000 min
Lab File: VU063663.D
Acq: 31 Oct 2025 15:59

Tgt Ion: 62 Resp: 39261
Ion Ratio Lower Upper
62 100
64 30.3 25.2 37.8

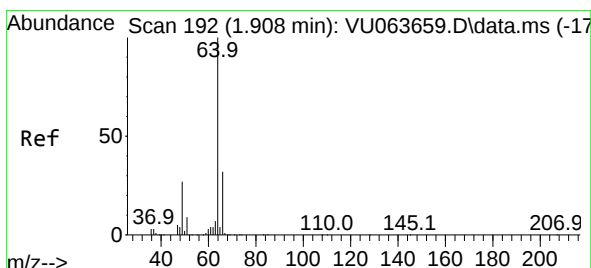
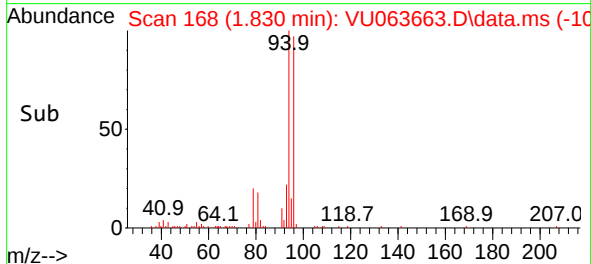
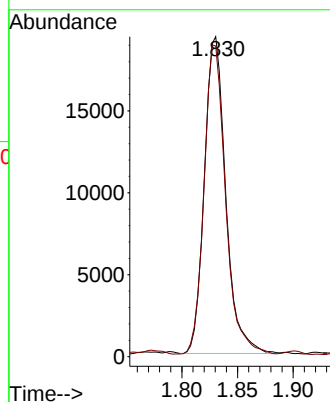
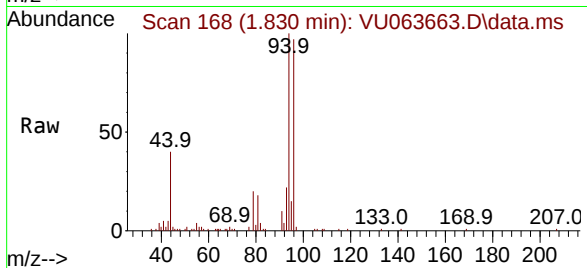




#5
Bromomethane
Concen: 462.561 ug/l
RT: 1.830 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU063663.D
Acq: 31 Oct 2025 15:59

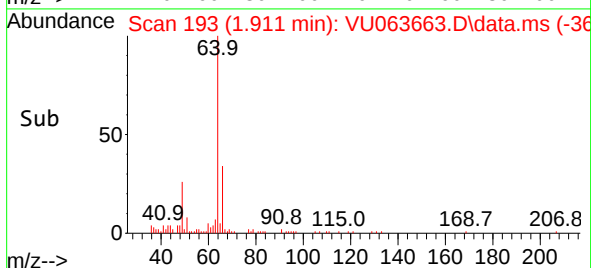
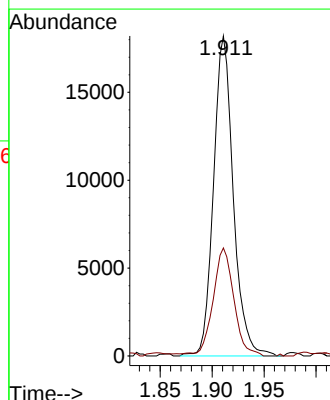
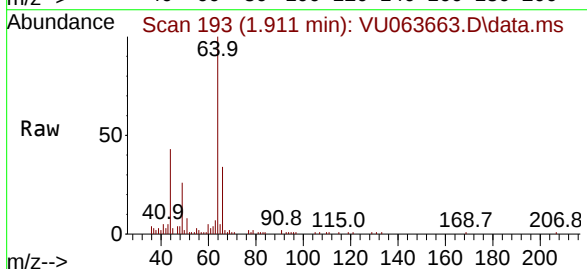
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ClientSampleId :
VU1031WBS01

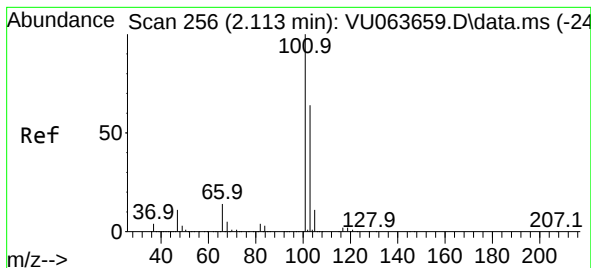
Tgt Ion: 94 Resp: 25864
Ion Ratio Lower Upper
94 100
96 97.2 73.0 109.6



#6
Chloroethane
Concen: 423.888 ug/l
RT: 1.911 min Scan# 193
Delta R.T. 0.003 min
Lab File: VU063663.D
Acq: 31 Oct 2025 15:59

Tgt Ion: 64 Resp: 24072
Ion Ratio Lower Upper
64 100
66 33.1 25.4 38.2





#7

Trichlorofluoromethane

Concen: 427.962 ug/l

RT: 2.117 min Scan# 2

Delta R.T. 0.003 min

Lab File: VU063663.D

Acq: 31 Oct 2025 15:59

Instrument :

MSVOA_U

ClientSampleId :

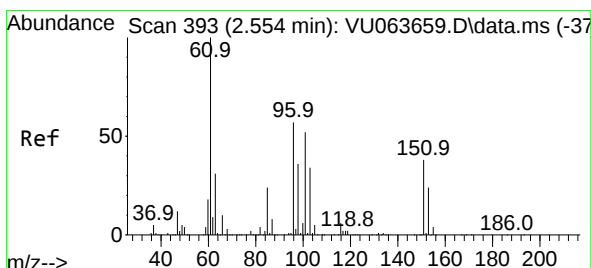
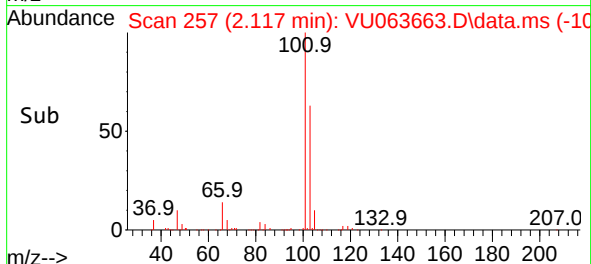
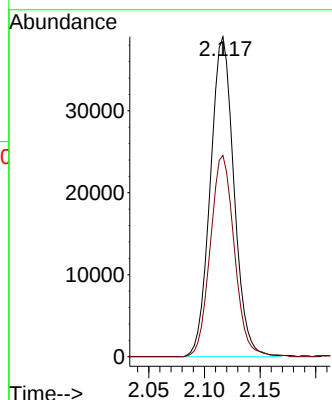
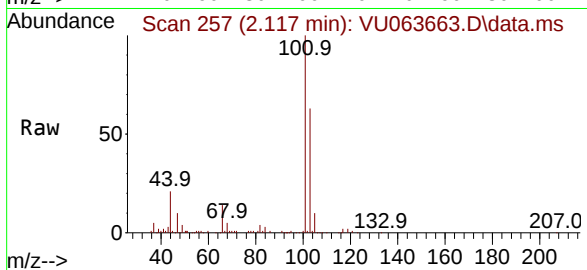
VU1031WBS01

Tgt Ion:101 Resp: 57582

Ion Ratio Lower Upper

101 100

103 62.9 51.0 76.6



#8

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 413.314 ug/l

RT: 2.554 min Scan# 393

Delta R.T. 0.000 min

Lab File: VU063663.D

Acq: 31 Oct 2025 15:59

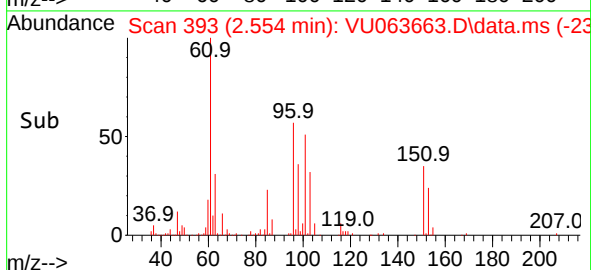
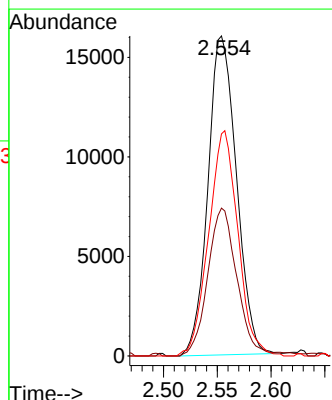
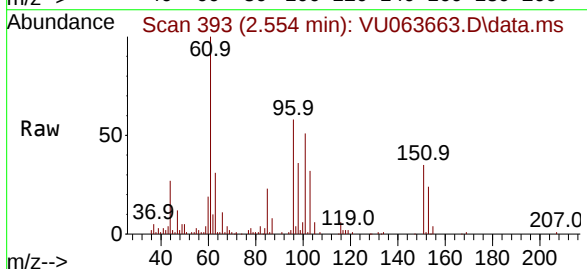
Tgt Ion:101 Resp: 29575

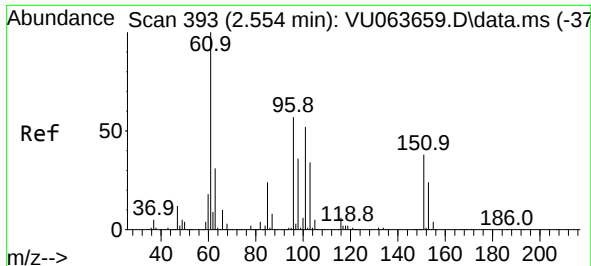
Ion Ratio Lower Upper

101 100

85 45.6 37.0 55.4

151 72.5 57.2 85.8

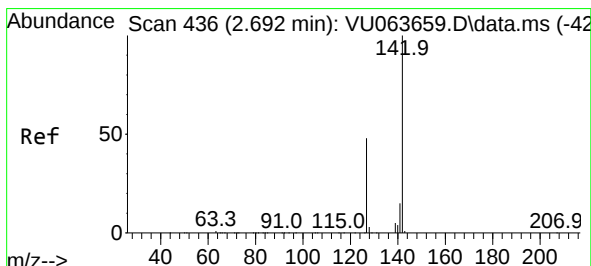
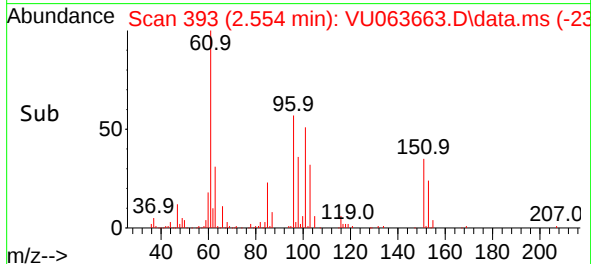
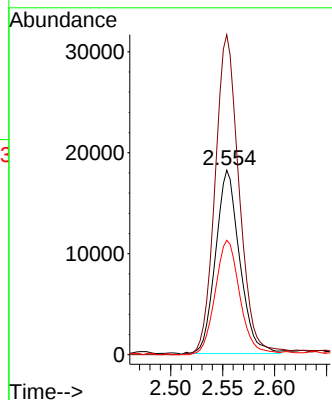
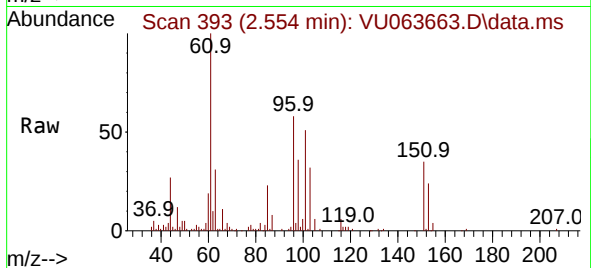




#9
1,1-Dichloroethene
Concen: 422.668 ug/l
RT: 2.554 min Scan# 393
Delta R.T. 0.000 min
Lab File: VU063663.D
Acq: 31 Oct 2025 15:59

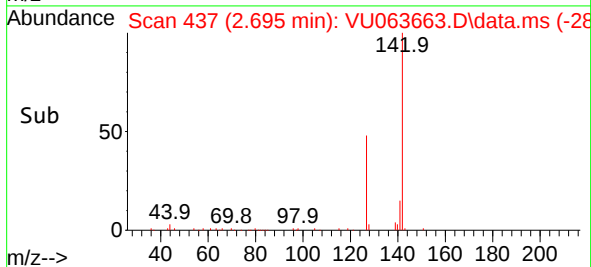
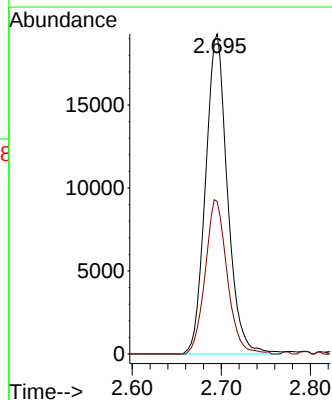
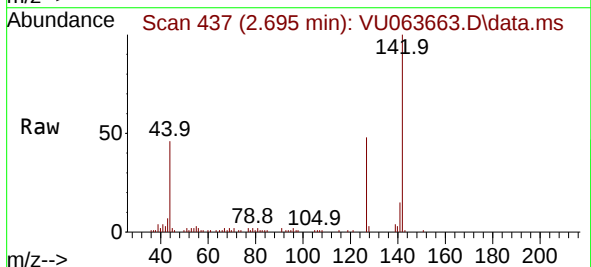
Instrument :
MSVOA_U
ClientSampleId :
VU1031WBS01

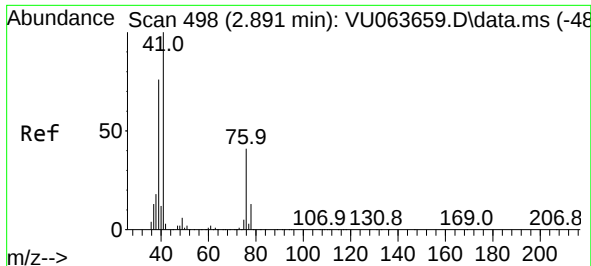
Tgt Ion	Ratio	Lower	Upper
96	100		
61	174.6	0.0	524.7
98	62.4	0.0	126.8



#10
Iodomethane
Concen: 319.940 ug/l
RT: 2.695 min Scan# 437
Delta R.T. 0.003 min
Lab File: VU063663.D
Acq: 31 Oct 2025 15:59

Tgt Ion	Ratio	Lower	Upper
142	100		
127	48.2	38.6	58.0

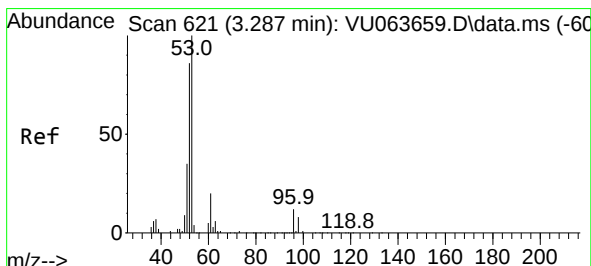
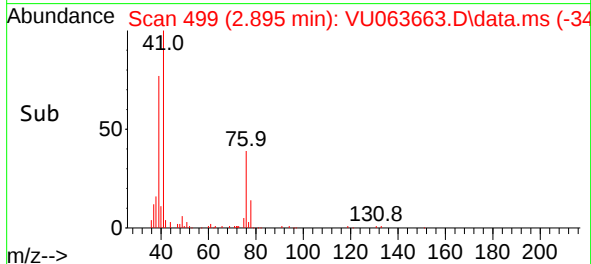
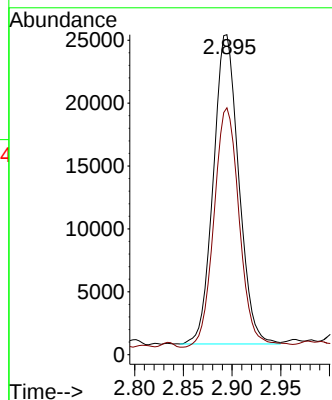
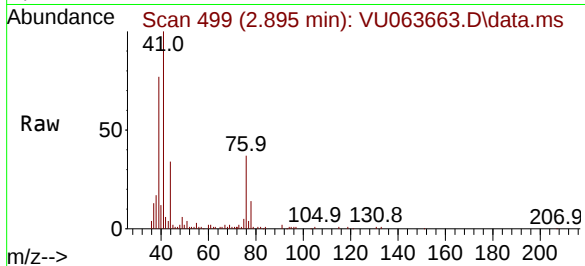




#11
 Allyl Chloride
 Concen: 412.970 ug/l
 RT: 2.895 min Scan# 498
 Delta R.T. 0.003 min
 Lab File: VU063663.D
 Acq: 31 Oct 2025 15:59

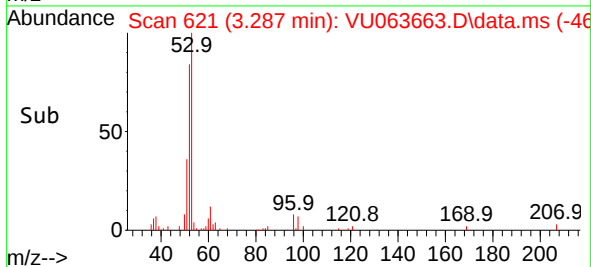
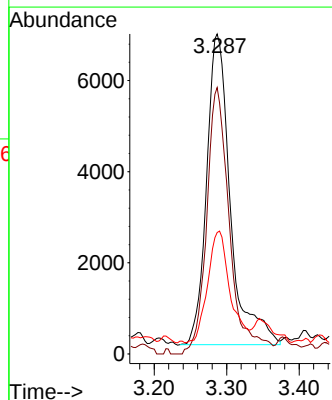
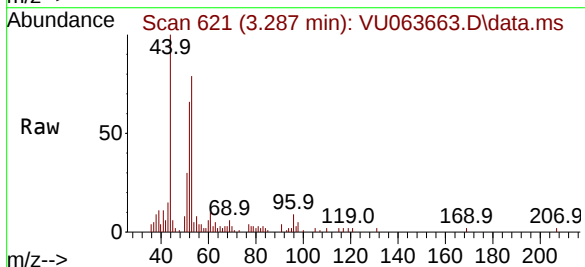
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1031WBS01

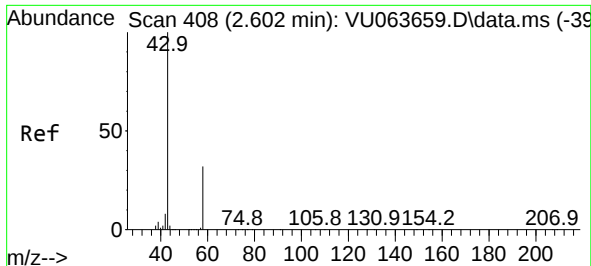
Tgt Ion: 41 Resp: 44684
 Ion Ratio Lower Upper
 41 100
 39 77.8 61.0 91.4



#12
 Acrylonitrile
 Concen: 908.709 ug/l
 RT: 3.287 min Scan# 621
 Delta R.T. 0.000 min
 Lab File: VU063663.D
 Acq: 31 Oct 2025 15:59

Tgt Ion: 53 Resp: 15576
 Ion Ratio Lower Upper
 53 100
 52 82.5 65.4 98.0
 51 33.5 27.6 41.4

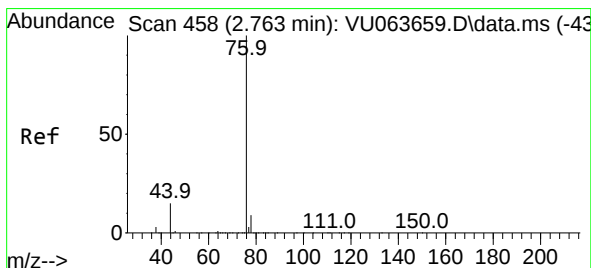
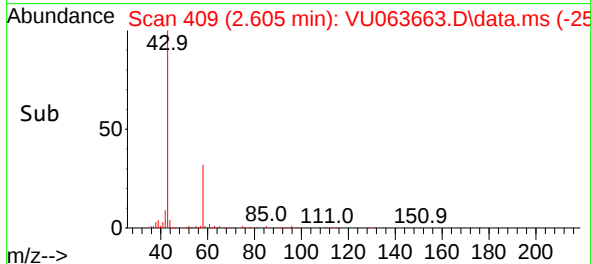
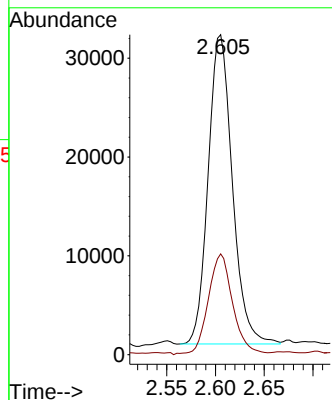
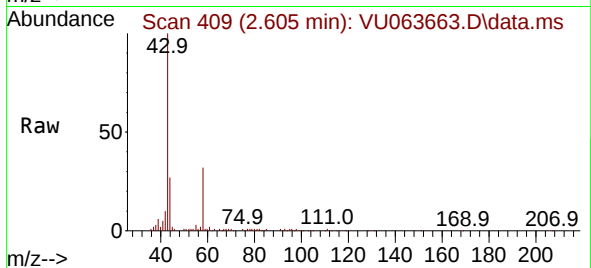




#13
Acetone
Concen: 1785.964 ug/l
RT: 2.605 min Scan# 408
Delta R.T. 0.003 min
Lab File: VU063663.D
Acq: 31 Oct 2025 15:59

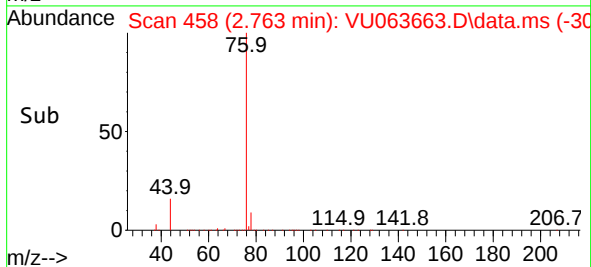
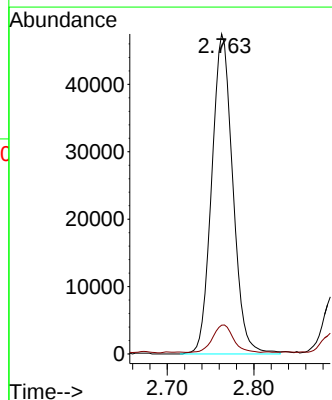
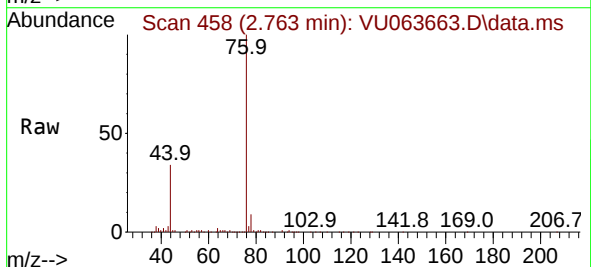
Instrument :
MSVOA_U
ClientSampleId :
VU1031WBS01

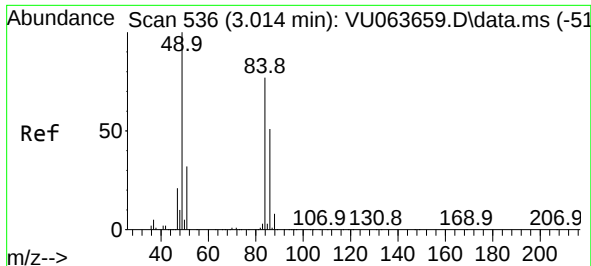
Tgt Ion: 43 Resp: 54069
Ion Ratio Lower Upper
43 100
58 32.2 25.2 37.8



#14
Carbon Disulfide
Concen: 411.910 ug/l
RT: 2.763 min Scan# 458
Delta R.T. 0.000 min
Lab File: VU063663.D
Acq: 31 Oct 2025 15:59

Tgt Ion: 76 Resp: 80419
Ion Ratio Lower Upper
76 100
78 8.4 7.5 11.3

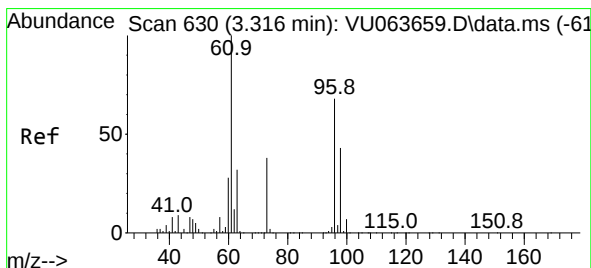
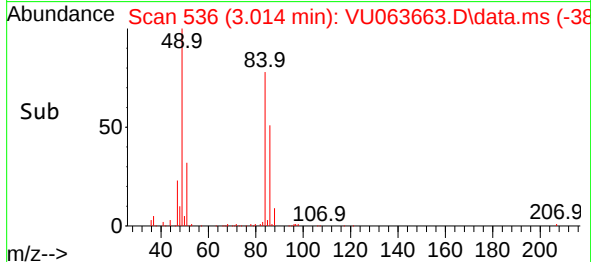
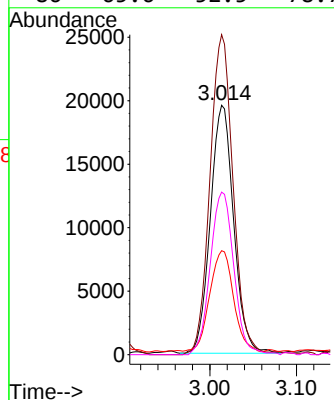
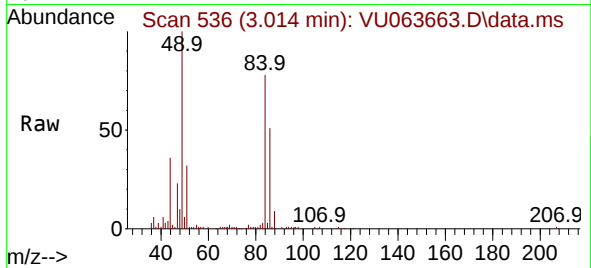




#15
Methylene Chloride
Concen: 409.582 ug/l
RT: 3.014 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU063663.D
Acq: 31 Oct 2025 15:59

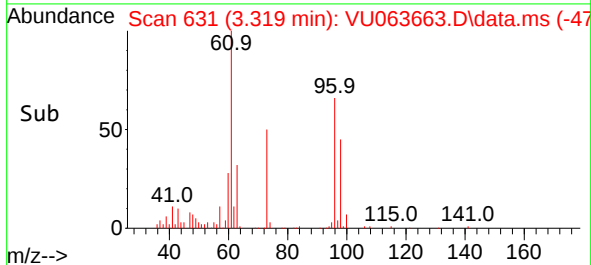
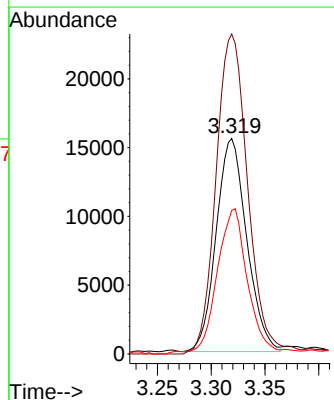
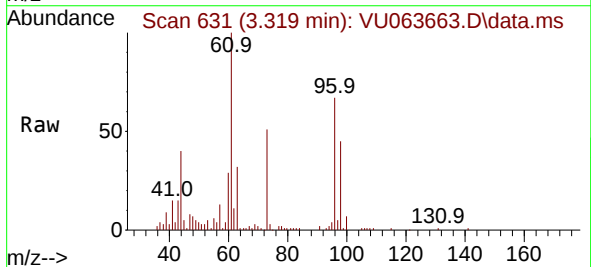
Instrument :
MSVOA_U
ClientSampleId :
VU1031WBS01

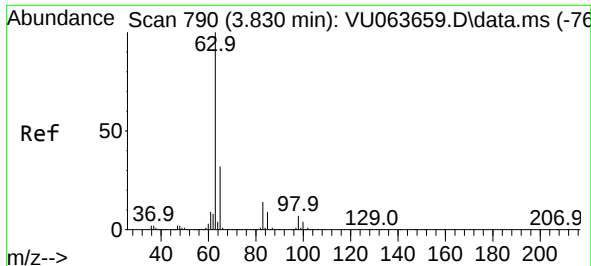
Tgt Ion:	84	Resp:	36480
Ion	Ratio	Lower	Upper
84	100		
49	129.1	103.4	155.0
51	40.6	0.0	81.6
86	65.6	52.5	78.7



#16
trans-1,2-Dichloroethene
Concen: 401.276 ug/l
RT: 3.319 min Scan# 631
Delta R.T. 0.003 min
Lab File: VU063663.D
Acq: 31 Oct 2025 15:59

Tgt Ion:	96	Resp:	30663
Ion	Ratio	Lower	Upper
96	100		
61	150.1	117.4	176.2
98	66.1	49.9	74.9

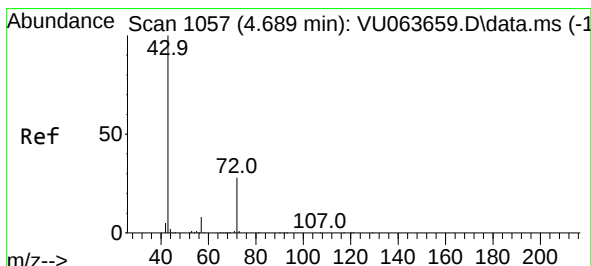
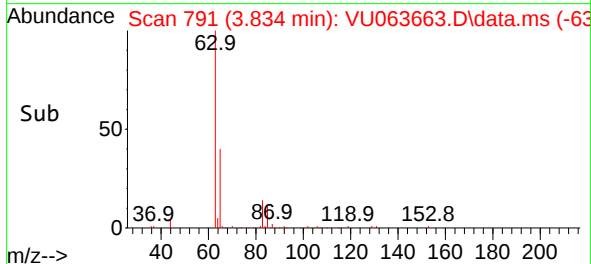
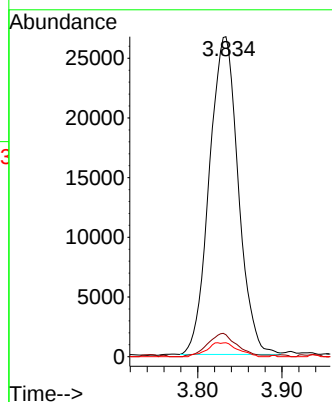
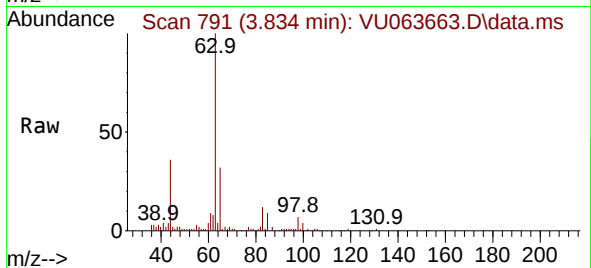




#17
1,1-Dichloroethane
Concen: 419.728 ug/l
RT: 3.834 min Scan# 791
Delta R.T. 0.003 min
Lab File: VU063663.D
Acq: 31 Oct 2025 15:59

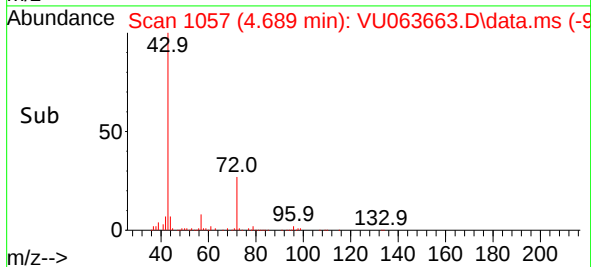
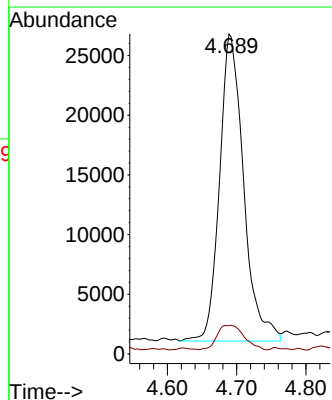
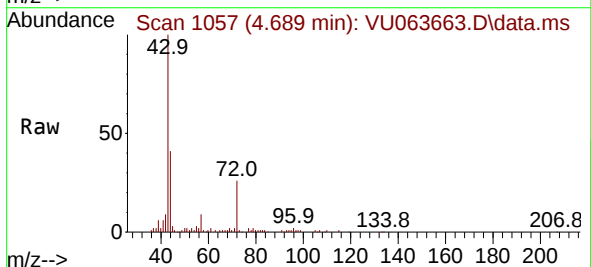
Instrument :
MSVOA_U
ClientSampleId :
VU1031WBS01

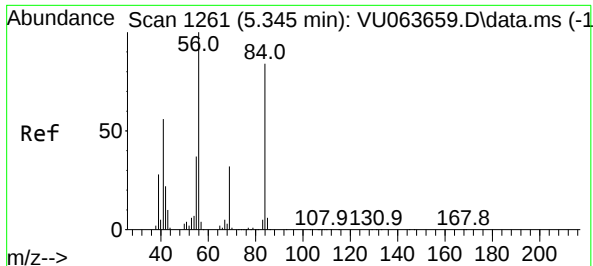
Tgt Ion: 63 Resp: 63525
Ion Ratio Lower Upper
63 100
98 6.9 3.5 10.5
100 4.4 2.2 6.6



#18
2-Butanone
Concen: 1933.367 ug/l
RT: 4.689 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VU063663.D
Acq: 31 Oct 2025 15:59

Tgt Ion: 43 Resp: 62089
Ion Ratio Lower Upper
43 100
57 7.6 0.0 16.6





#19

Cyclohexane

Concen: 426.131 ug/l

RT: 5.345 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU063663.D

Acq: 31 Oct 2025 15:59

Instrument :

MSVOA_U

ClientSampleId :

VU1031WBS01

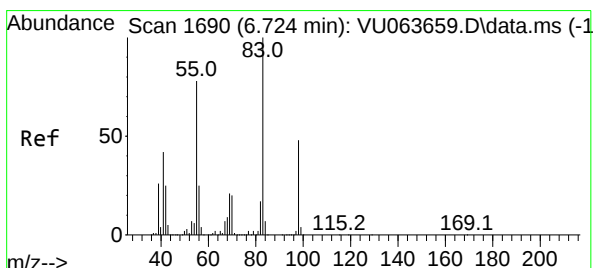
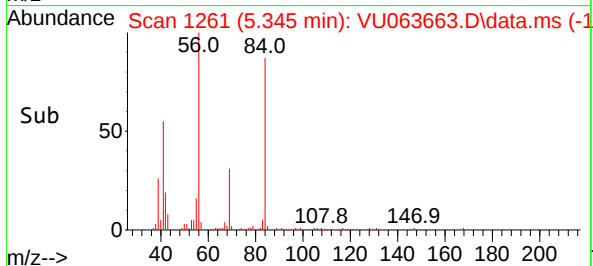
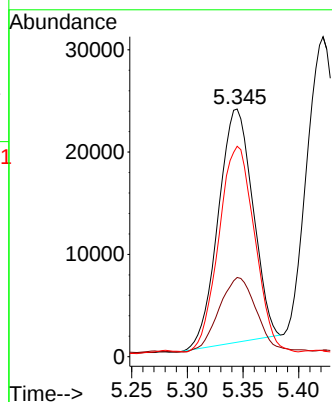
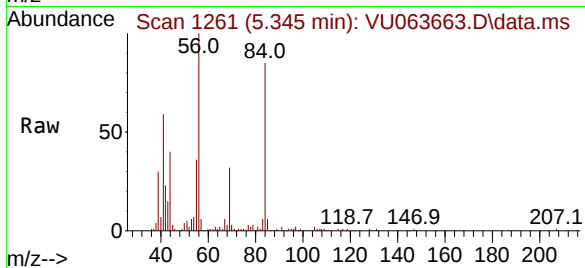
Tgt Ion: 56 Resp: 49286

Ion Ratio Lower Upper

56 100

69 34.3 27.1 40.7

84 91.2 73.4 110.0



#20

Methylcyclohexane

Concen: 425.868 ug/l

RT: 6.724 min Scan# 1690

Delta R.T. 0.000 min

Lab File: VU063663.D

Acq: 31 Oct 2025 15:59

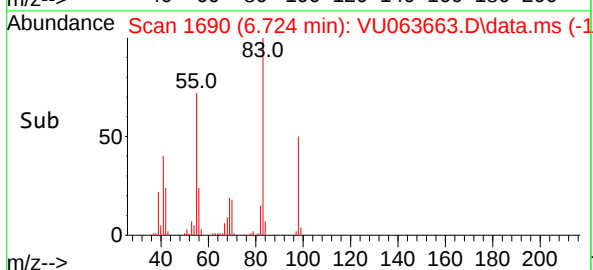
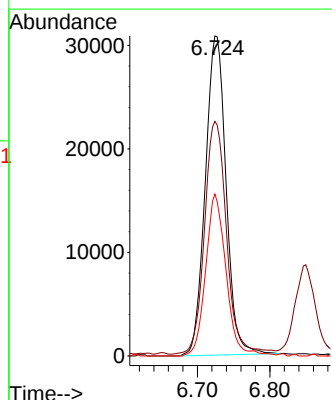
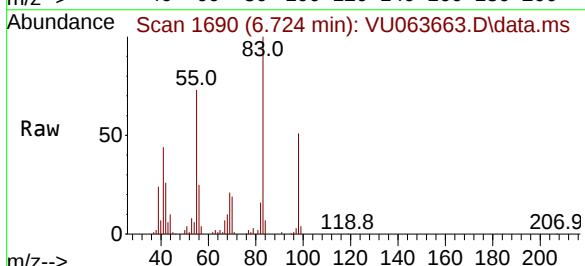
Tgt Ion: 83 Resp: 61315

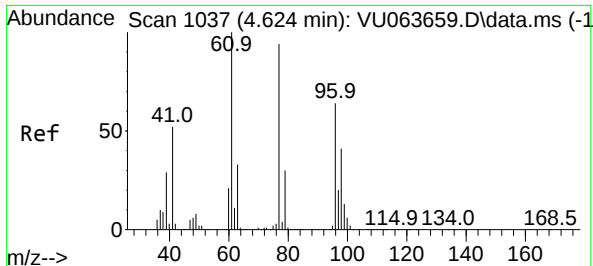
Ion Ratio Lower Upper

83 100

55 75.2 61.5 92.3

98 49.1 37.9 56.9





#21

2,2-Dichloropropane

Concen: 399.969 ug/l

RT: 4.624 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VU063663.D

Acq: 31 Oct 2025 15:59

Instrument :

MSVOA_U

ClientSampleId :

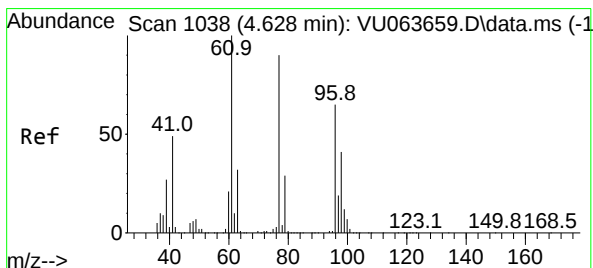
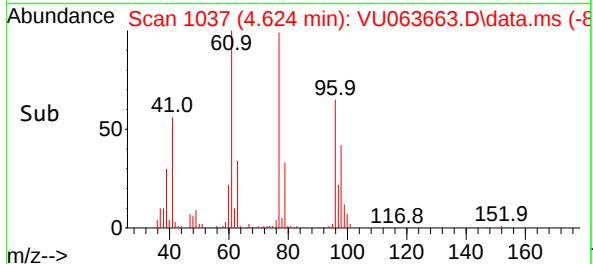
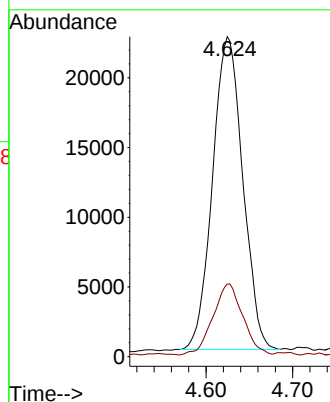
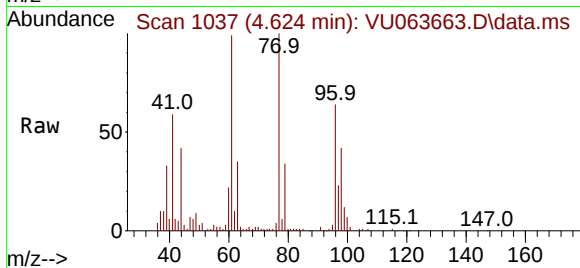
VU1031WBS01

Tgt Ion: 77 Resp: 54318

Ion Ratio Lower Upper

77 100

97 22.6 17.1 25.7



#22

cis-1,2-Dichloroethene

Concen: 412.832 ug/l

RT: 4.631 min Scan# 1039

Delta R.T. 0.003 min

Lab File: VU063663.D

Acq: 31 Oct 2025 15:59

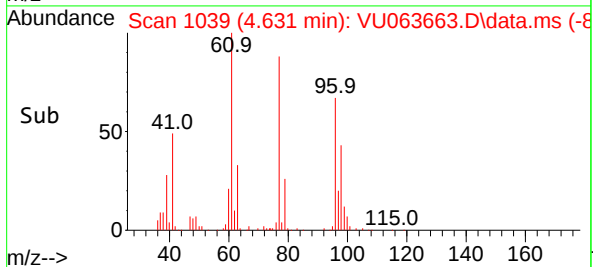
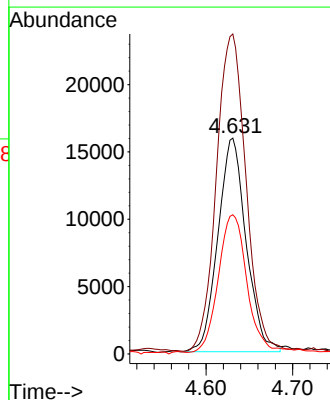
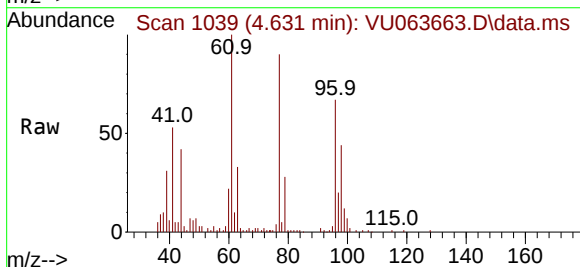
Tgt Ion: 96 Resp: 35917

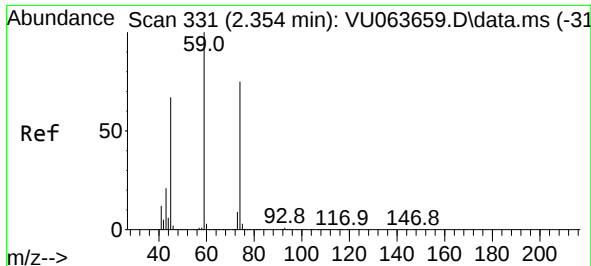
Ion Ratio Lower Upper

96 100

61 155.2 0.0 385.0

98 65.3 31.3 93.9

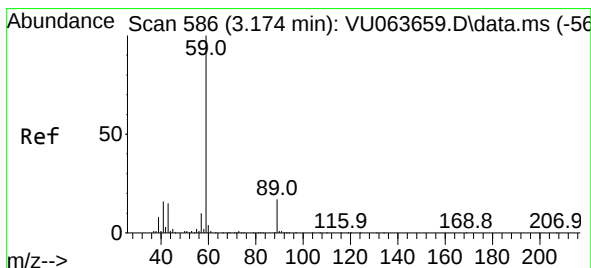
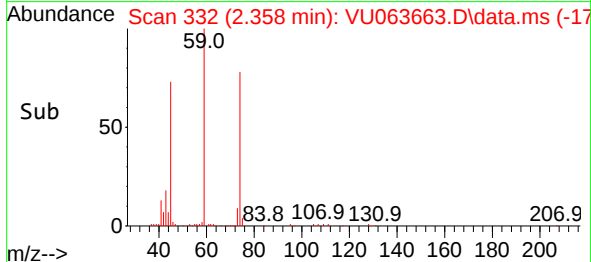
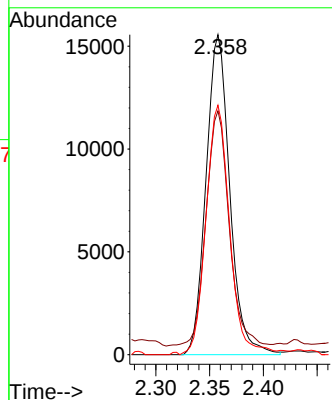
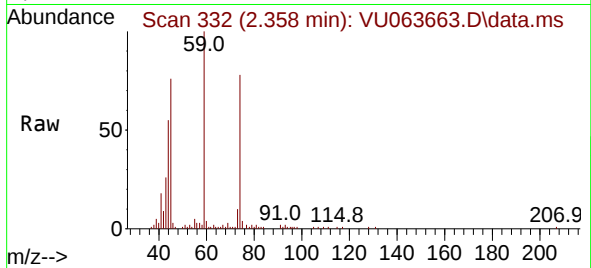




#23
Diethyl Ether
Concen: 420.901 ug/l
RT: 2.358 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063663.D
Acq: 31 Oct 2025 15:59

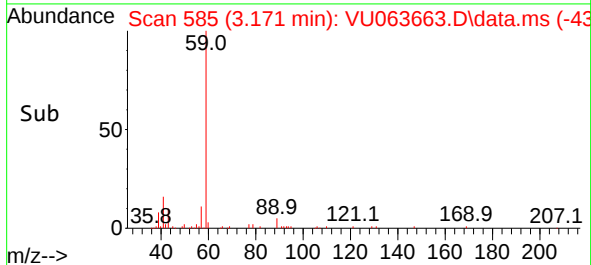
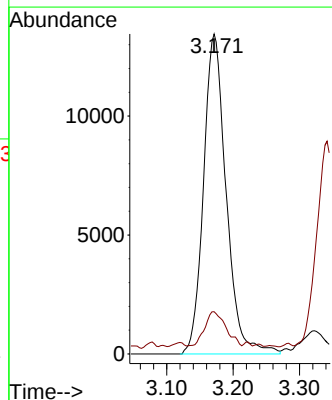
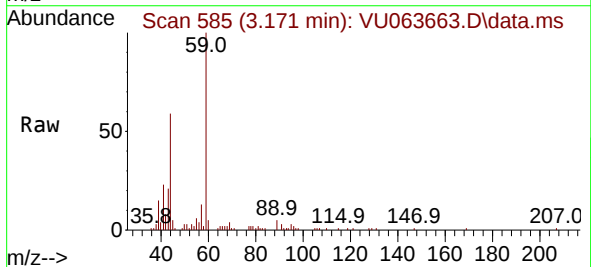
Instrument :
MSVOA_U
ClientSampleId :
VU1031WBS01

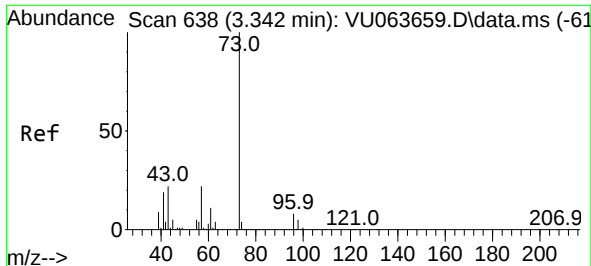
Tgt Ion: 59 Resp: 23898
Ion Ratio Lower Upper
59 100
45 70.8 52.6 78.8
74 77.6 59.4 89.2



#24
tert-Butyl Alcohol
Concen: 3253.715 ug/l
RT: 3.171 min Scan# 585
Delta R.T. -0.003 min
Lab File: VU063663.D
Acq: 31 Oct 2025 15:59

Tgt Ion: 59 Resp: 31843
Ion Ratio Lower Upper
59 100
57 9.6 7.2 10.8

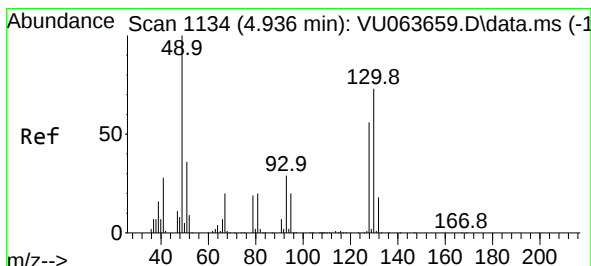
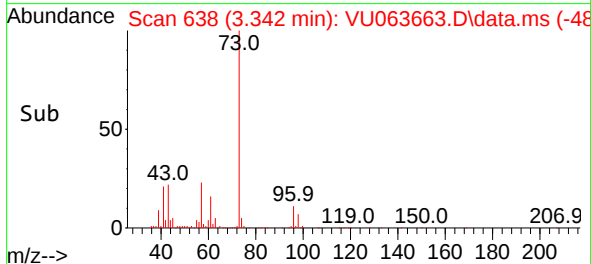
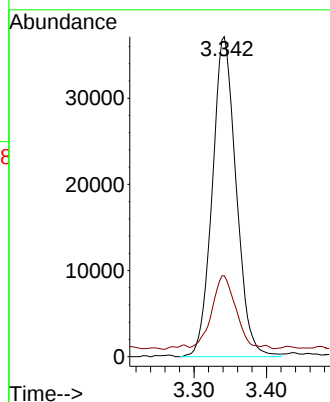
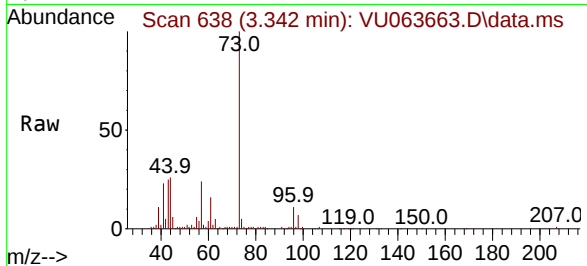




#25
Methyl tert-Butyl Ether
Concen: 418.313 ug/l
RT: 3.342 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU063663.D
Acq: 31 Oct 2025 15:59

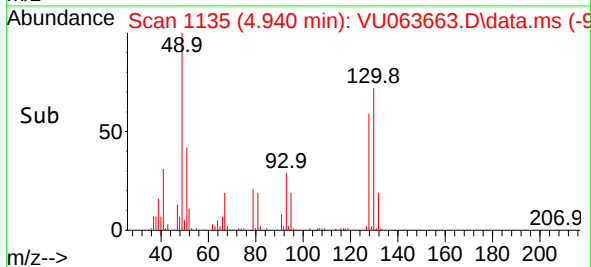
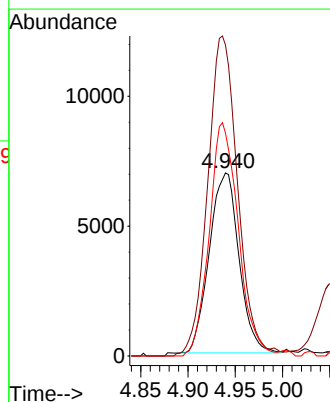
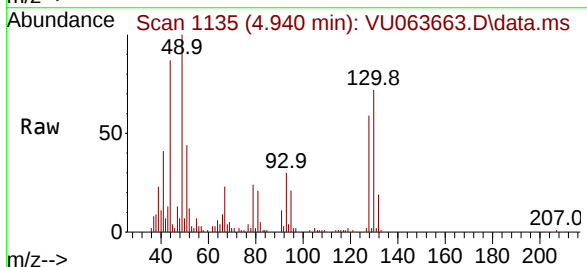
Instrument :
MSVOA_U
ClientSampleId :
VU1031WBS01

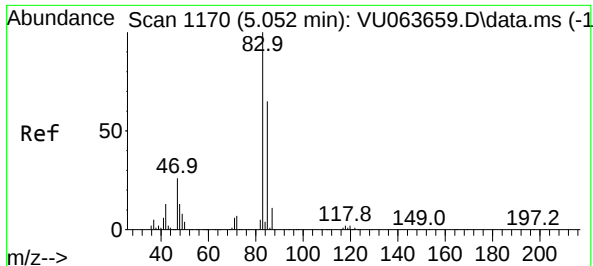
Tgt Ion: 73 Resp: 84939
Ion Ratio Lower Upper
73 100
43 22.3 17.4 26.0



#26
Bromochloromethane
Concen: 412.726 ug/l
RT: 4.940 min Scan# 1135
Delta R.T. 0.003 min
Lab File: VU063663.D
Acq: 31 Oct 2025 15:59

Tgt Ion: 128 Resp: 15146
Ion Ratio Lower Upper
128 100
49 179.3 0.0 349.6
130 126.6 102.7 154.1





#27

Chloroform

Concen: 425.151 ug/l

RT: 5.052 min Scan# 1170

Delta R.T. 0.000 min

Lab File: VU063663.D

Acq: 31 Oct 2025 15:59

Instrument :

MSVOA_U

ClientSampleId :

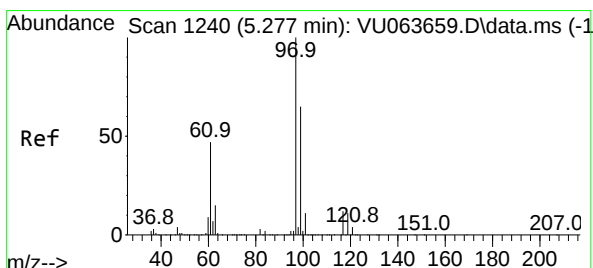
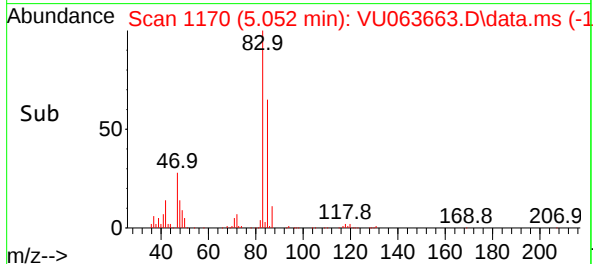
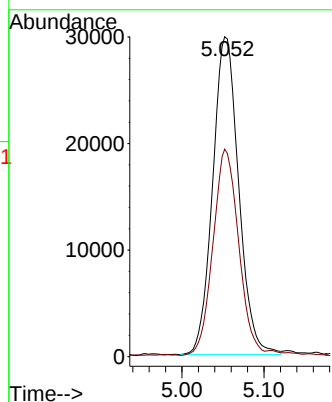
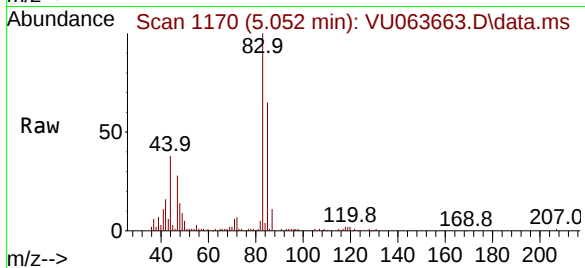
VU1031WBS01

Tgt Ion: 83 Resp: 65844

Ion Ratio Lower Upper

83 100

85 64.8 0.0 130.8



#28

1,1,1-Trichloroethane

Concen: 412.327 ug/l

RT: 5.277 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VU063663.D

Acq: 31 Oct 2025 15:59

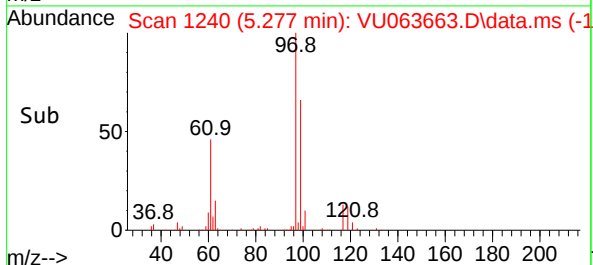
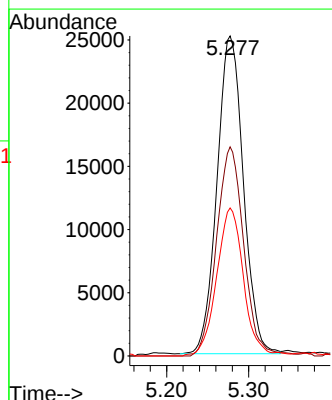
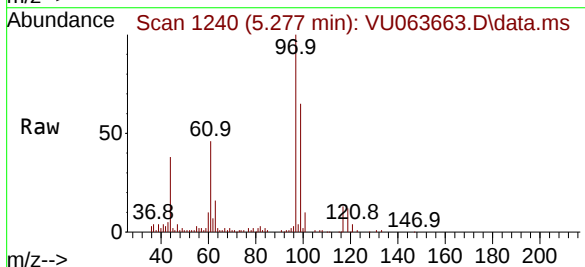
Tgt Ion: 97 Resp: 56315

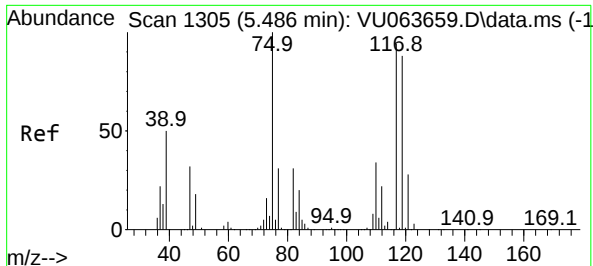
Ion Ratio Lower Upper

97 100

99 67.9 32.3 96.8

61 47.0 23.3 69.8





#29

1,1-Dichloropropene

Concen: 419.893 ug/l

RT: 5.486 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VU063663.D

Acq: 31 Oct 2025 15:59

Instrument :

MSVOA_U

ClientSampleId :

VU1031WBS01

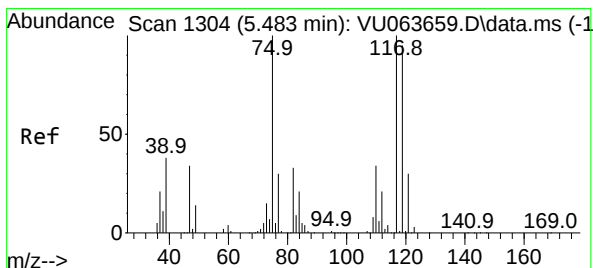
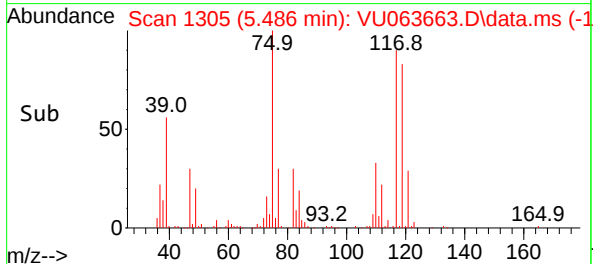
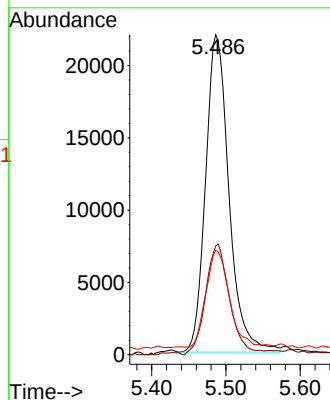
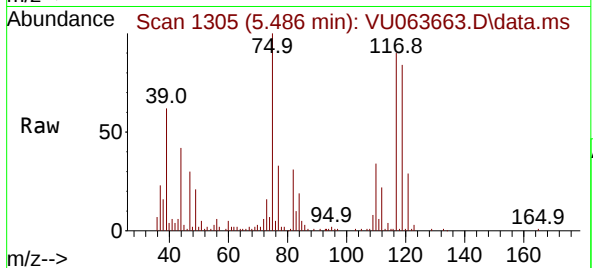
Tgt Ion: 75 Resp: 48142

Ion Ratio Lower Upper

75 100

110 35.6 17.2 51.5

77 30.3 24.5 36.7



#30

Carbon Tetrachloride

Concen: 404.027 ug/l

RT: 5.483 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VU063663.D

Acq: 31 Oct 2025 15:59

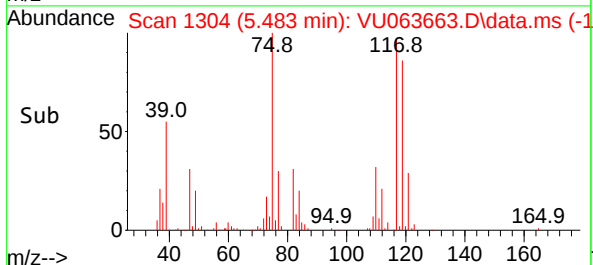
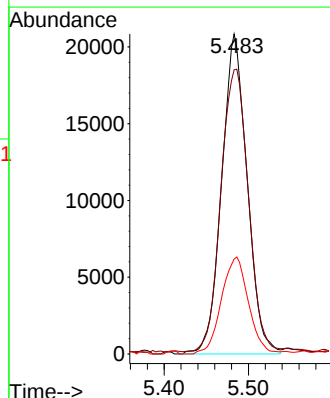
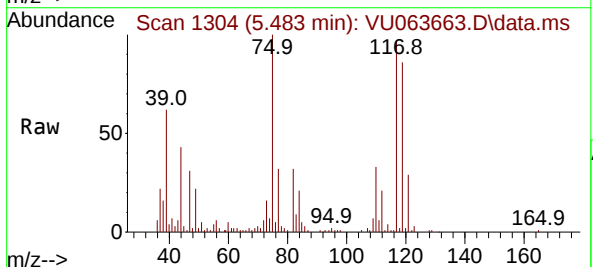
Tgt Ion: 117 Resp: 43678

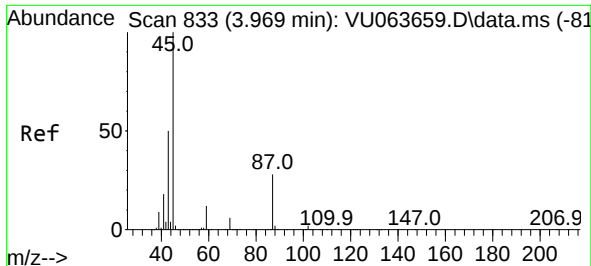
Ion Ratio Lower Upper

117 100

119 88.0 75.7 113.5

121 29.7 23.8 35.6

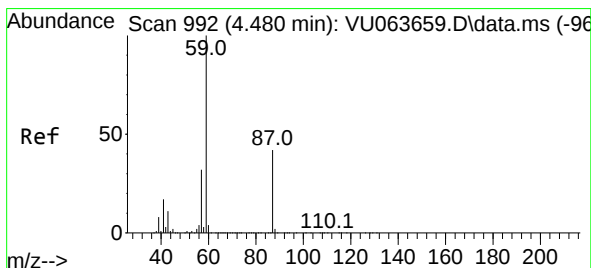
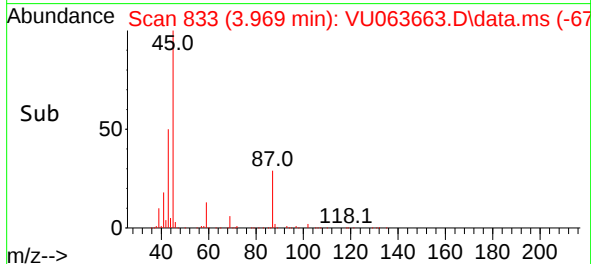
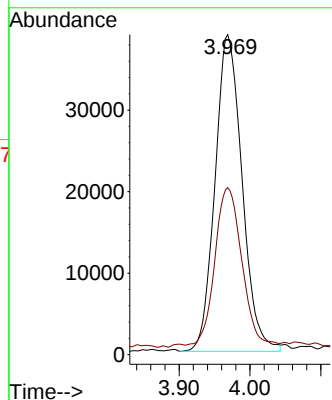
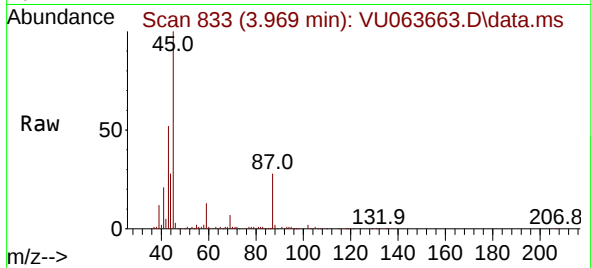




#31
Isopropyl Ether
Concen: 429.501 ug/l
RT: 3.969 min Scan# 81
Delta R.T. 0.000 min
Lab File: VU063663.D
Acq: 31 Oct 2025 15:59

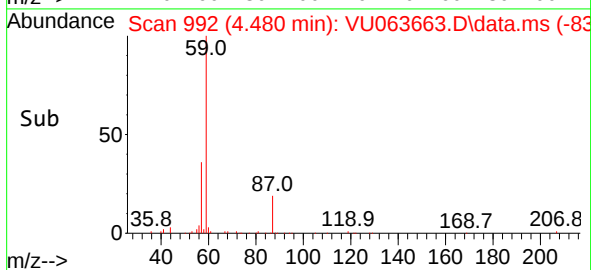
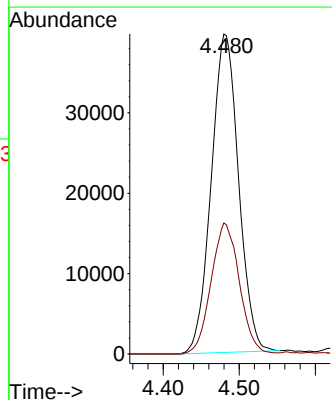
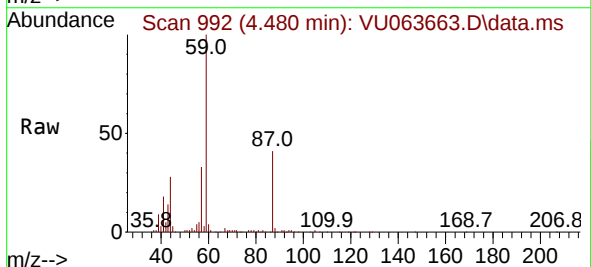
Instrument :
MSVOA_U
ClientSampleId :
VU1031WBS01

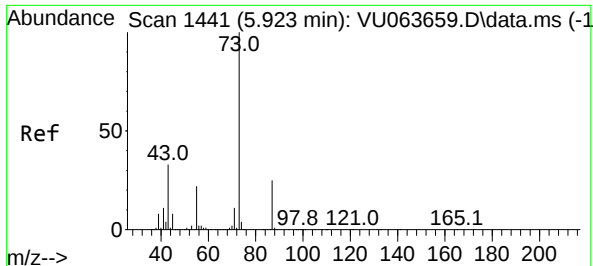
Tgt Ion: 45 Resp: 102990
Ion Ratio Lower Upper
45 100
43 48.8 25.3 75.9



#32
Ethyl-t-butyl ether
Concen: 427.856 ug/l
RT: 4.480 min Scan# 992
Delta R.T. 0.000 min
Lab File: VU063663.D
Acq: 31 Oct 2025 15:59

Tgt Ion: 59 Resp: 98845
Ion Ratio Lower Upper
59 100
87 42.0 33.0 49.6

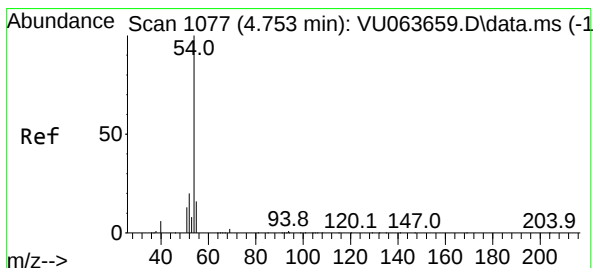
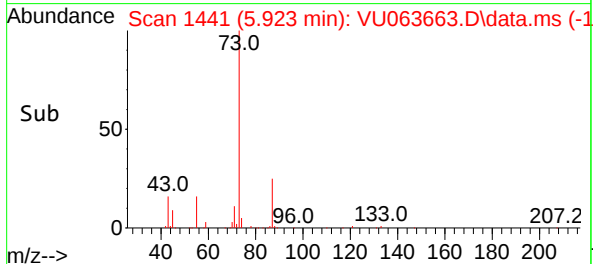
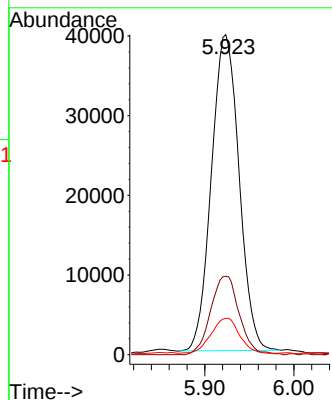
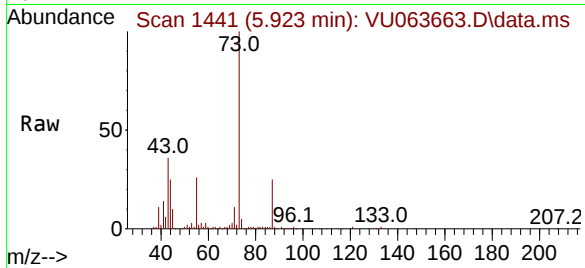




#33
Tert-Amyl methyl ether
Concen: 425.104 ug/l
RT: 5.923 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VU063663.D
Acq: 31 Oct 2025 15:59

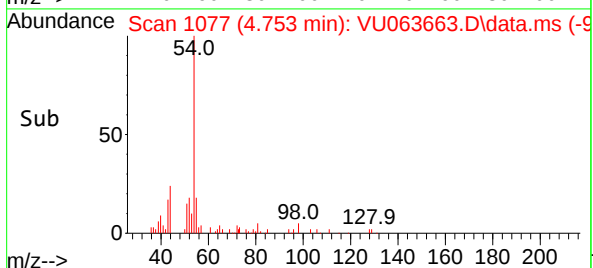
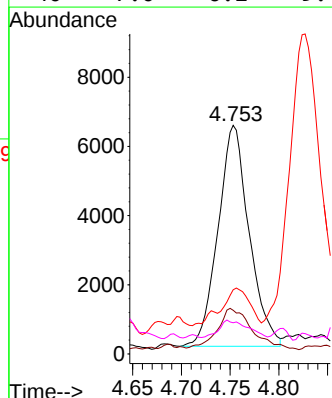
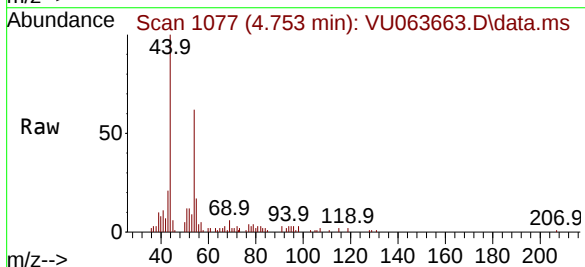
Instrument :
MSVOA_U
ClientSampleId :
VU1031WBS01

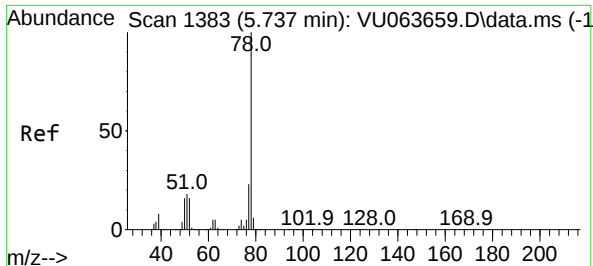
Tgt Ion: 73	Resp:	85511
Ion	Ratio	Lower Upper
73	100	
87	25.6	20.0 30.0
71	11.3	9.0 13.4



#34
Propionitrile
Concen: 2258.449 ug/l
RT: 4.753 min Scan# 1077
Delta R.T. 0.000 min
Lab File: VU063663.D
Acq: 31 Oct 2025 15:59

Tgt Ion: 54	Resp:	14173
Ion	Ratio	Lower Upper
54	100	
52	21.2	15.8 23.6
55	12.7	11.3 16.9
40	7.0	6.2 9.4

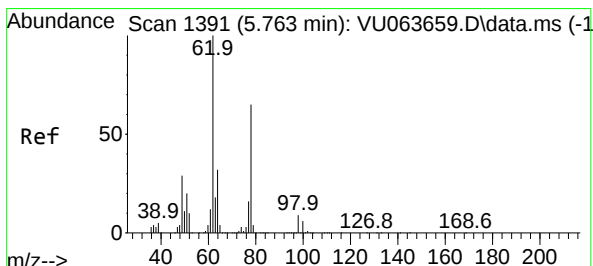
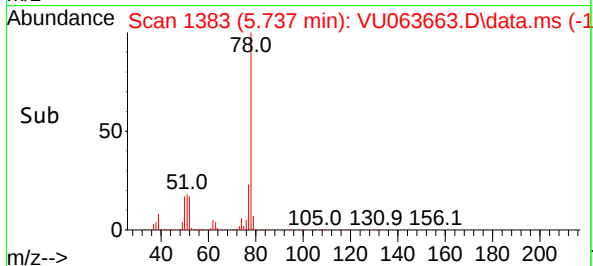
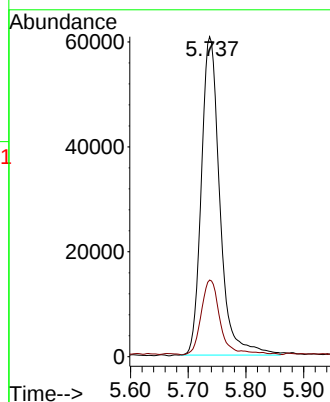
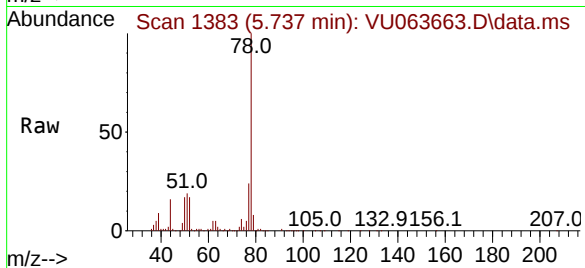




#35
Benzene
Concen: 418.302 ug/l
RT: 5.737 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VU063663.D
Acq: 31 Oct 2025 15:59

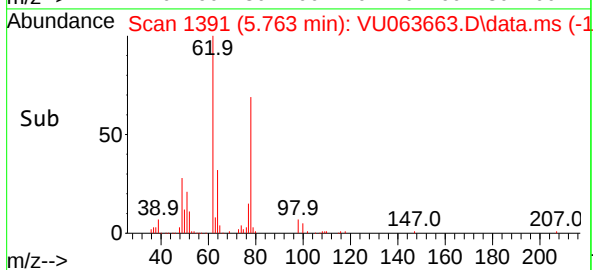
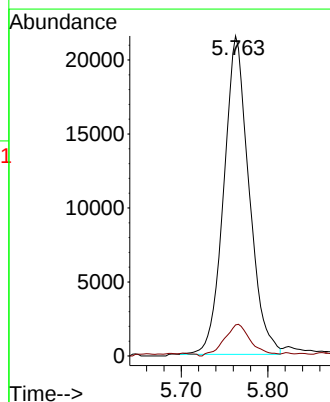
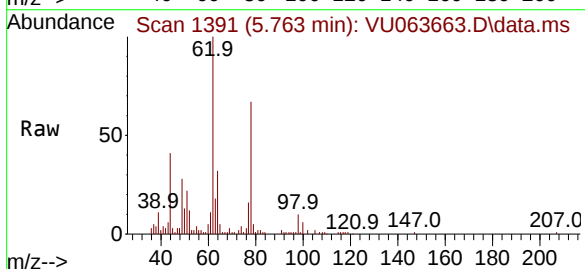
Instrument :
MSVOA_U
ClientSampleId :
VU1031WBS01

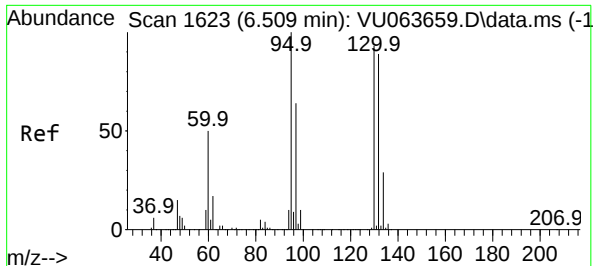
Tgt Ion: 78 Resp: 135179
Ion Ratio Lower Upper
78 100
77 23.4 18.3 27.5



#36
1,2-Dichloroethane
Concen: 419.560 ug/l
RT: 5.763 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VU063663.D
Acq: 31 Oct 2025 15:59

Tgt Ion: 62 Resp: 43537
Ion Ratio Lower Upper
62 100
98 10.5 6.8 10.2#





#37

Trichloroethene

Concen: 420.349 ug/l

RT: 6.509 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU063663.D

Acq: 31 Oct 2025 15:59

Instrument :

MSVOA_U

ClientSampleId :

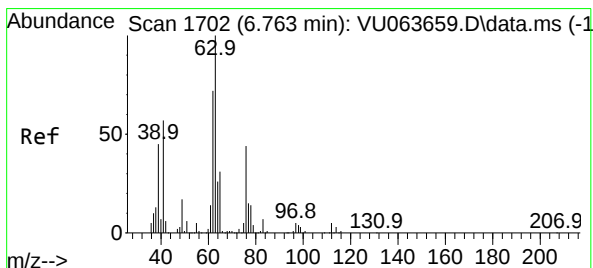
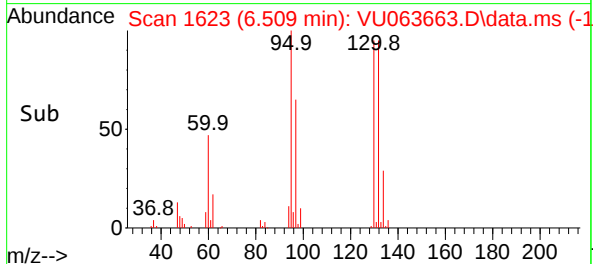
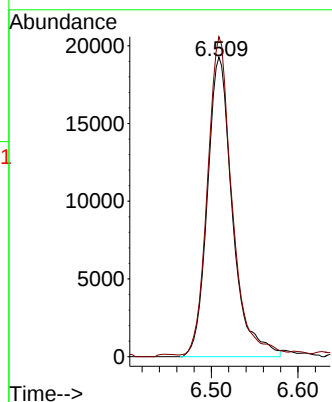
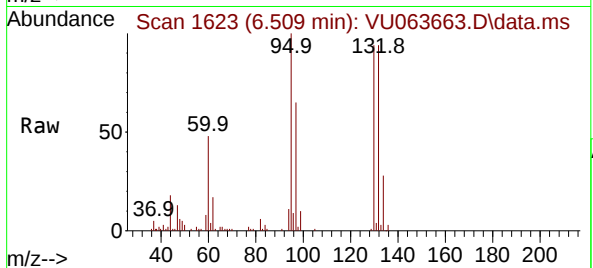
VU1031WBS01

Tgt Ion:130 Resp: 38717

Ion Ratio Lower Upper

130 100

95 106.2 86.0 129.0



#38

1,2-Dichloropropane

Concen: 406.929 ug/l

RT: 6.763 min Scan# 1702

Delta R.T. 0.000 min

Lab File: VU063663.D

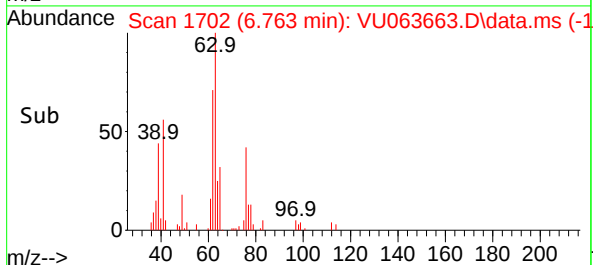
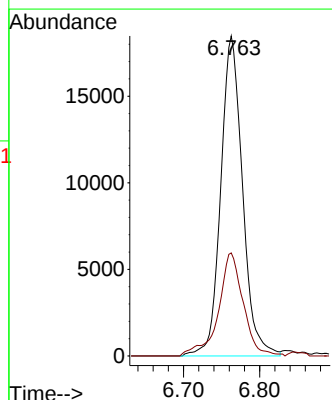
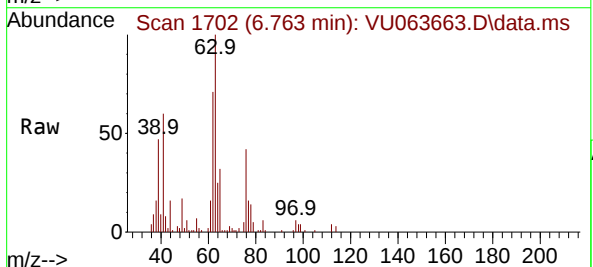
Acq: 31 Oct 2025 15:59

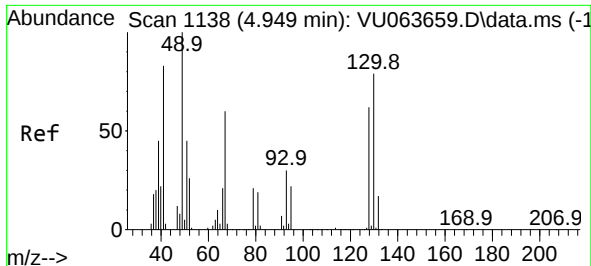
Tgt Ion: 63 Resp: 36803

Ion Ratio Lower Upper

63 100

65 32.2 24.5 36.7





#39

Methacrylonitrile

Concen: 384.912 ug/l

RT: 4.952 min Scan# 1138

Delta R.T. 0.003 min

Lab File: VU063663.D

Acq: 31 Oct 2025 15:59

Instrument :

MSVOA_U

ClientSampleId :

VU1031WBS01

Tgt Ion: 41 Resp: 12024

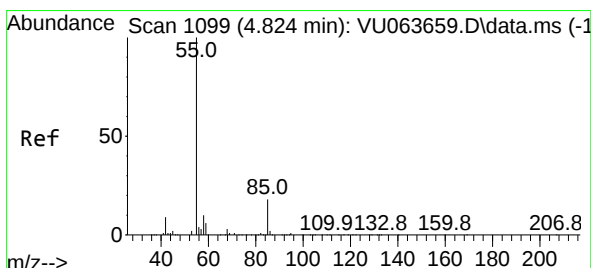
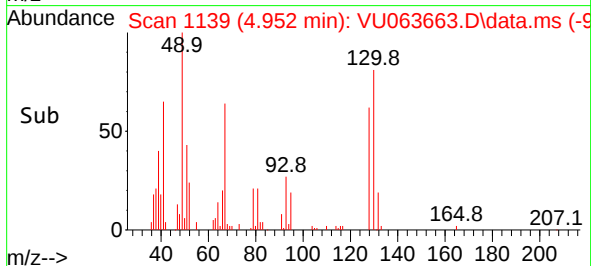
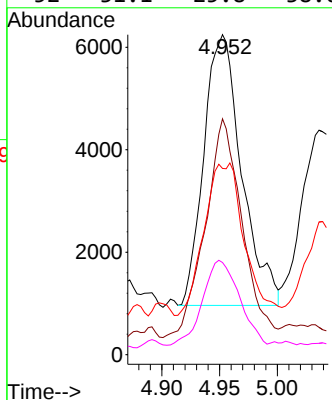
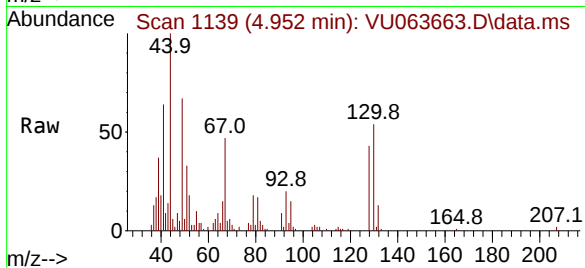
Ion Ratio Lower Upper

41 100

67 78.4 61.4 92.2

39 60.3 46.5 69.7

52 31.1 25.8 38.6



#40

Methyl acrylate

Concen: 422.536 ug/l

RT: 4.827 min Scan# 1100

Delta R.T. 0.003 min

Lab File: VU063663.D

Acq: 31 Oct 2025 15:59

Tgt Ion: 55 Resp: 19167

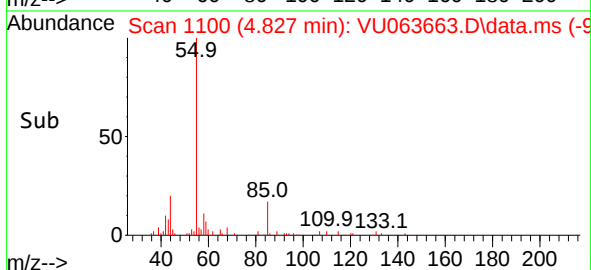
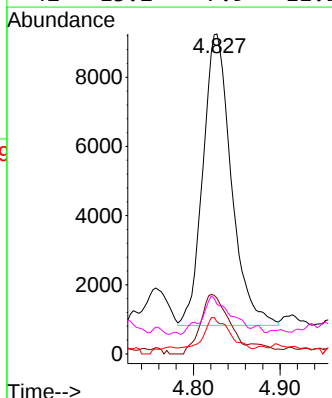
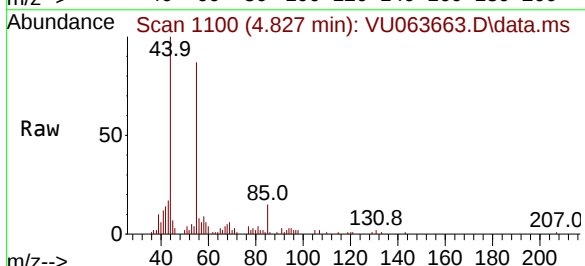
Ion Ratio Lower Upper

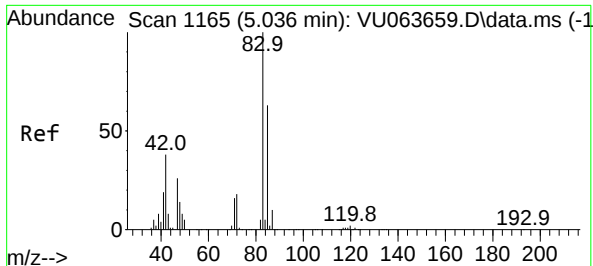
55 100

85 20.3 15.3 22.9

58 10.0 7.7 11.5

42 13.2 7.9 11.9#

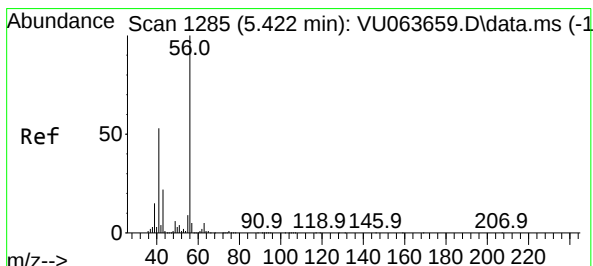
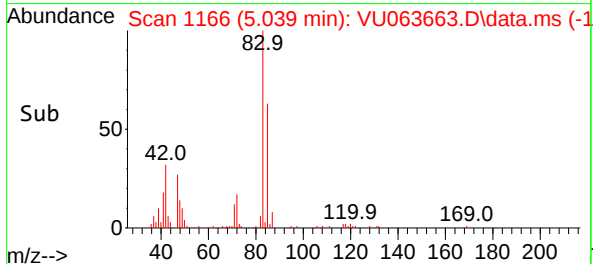
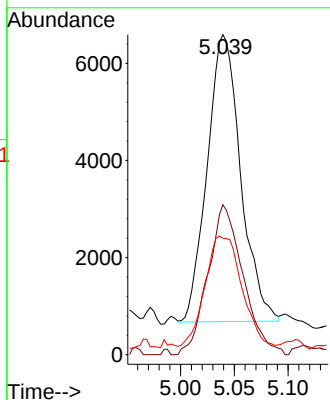
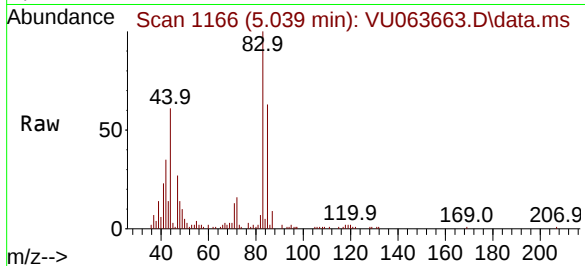




#41
Tetrahydrofuran
Concen: 910.315 ug/l
RT: 5.039 min Scan# 1166
Delta R.T. 0.003 min
Lab File: VU063663.D
Acq: 31 Oct 2025 15:59

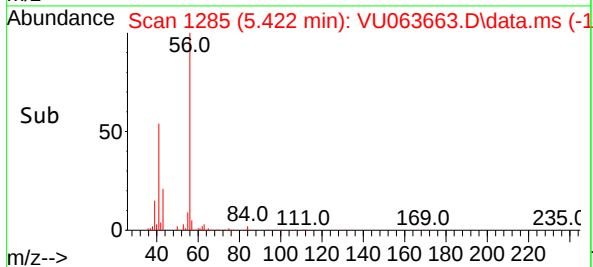
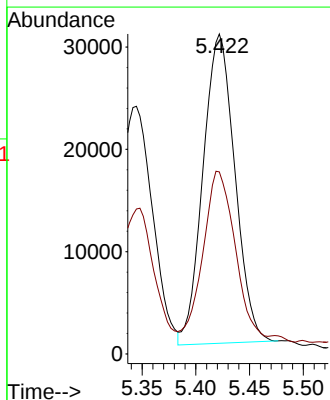
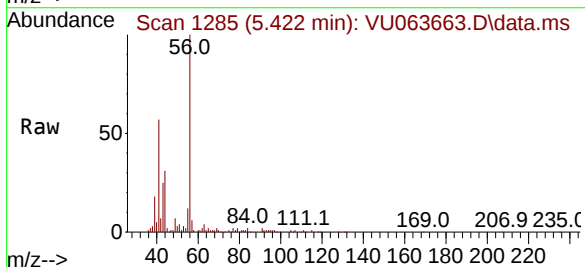
Instrument :
MSVOA_U
ClientSampleId :
VU1031WBS01

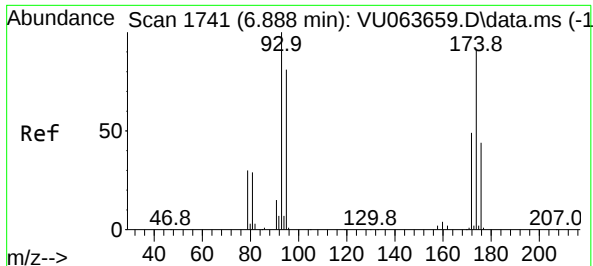
Tgt Ion: 42 Resp: 12795
Ion Ratio Lower Upper
42 100
72 54.7 40.5 60.7
71 42.4 35.0 52.6



#42
1-Chlorobutane
Concen: 405.170 ug/l
RT: 5.422 min Scan# 1285
Delta R.T. 0.000 min
Lab File: VU063663.D
Acq: 31 Oct 2025 15:59

Tgt Ion: 56 Resp: 62255
Ion Ratio Lower Upper
56 100
41 53.0 25.9 77.6

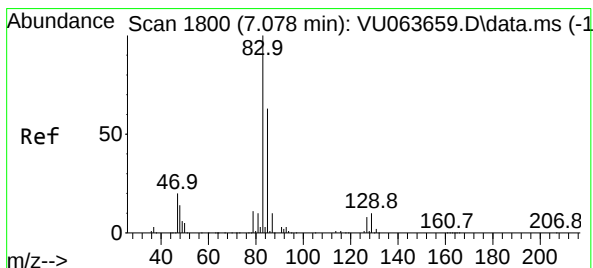
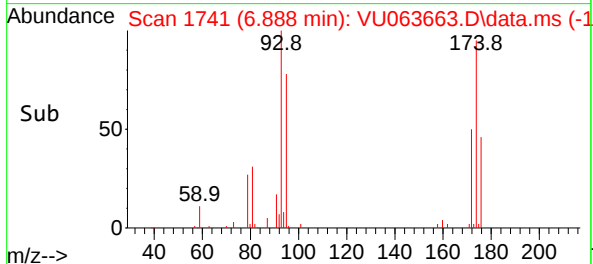
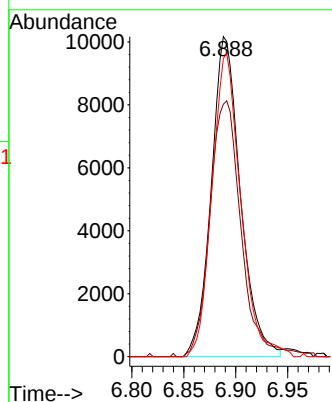
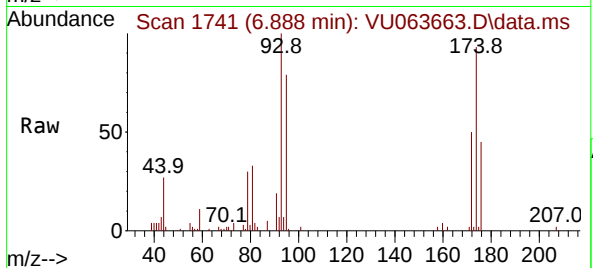




#43
Dibromomethane
Concen: 423.311 ug/l
RT: 6.888 min Scan# 1741
Delta R.T. 0.000 min
Lab File: VU063663.D
Acq: 31 Oct 2025 15:59

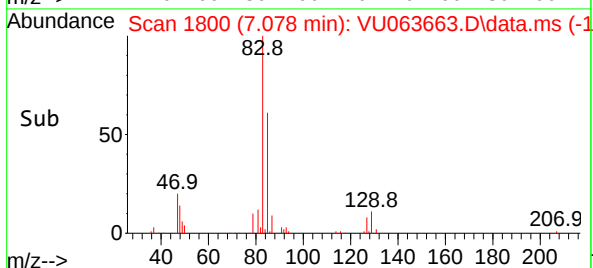
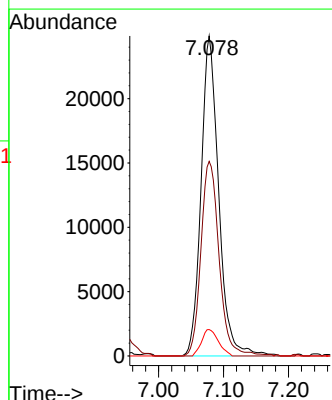
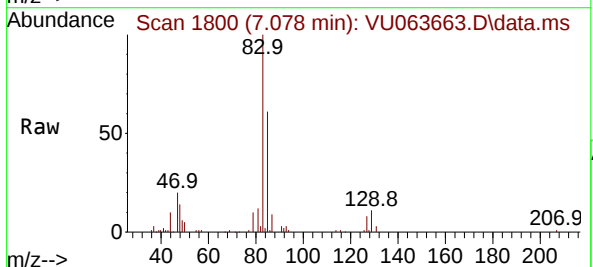
Instrument :
MSVOA_U
ClientSampleId :
VU1031WBS01

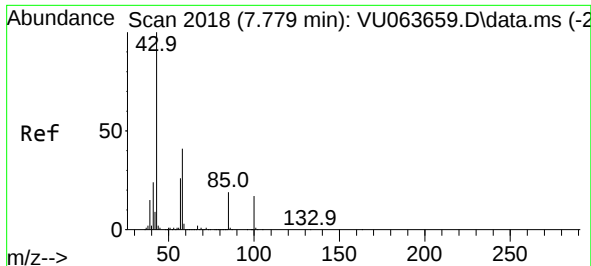
Tgt Ion: 93 Resp: 19805
Ion Ratio Lower Upper
93 100
95 85.6 64.6 97.0
174 93.6 73.8 110.8



#44
Bromodichloromethane
Concen: 411.519 ug/l
RT: 7.078 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VU063663.D
Acq: 31 Oct 2025 15:59

Tgt Ion: 83 Resp: 47080
Ion Ratio Lower Upper
83 100
85 60.8 50.5 75.7
127 9.0 6.4 9.6

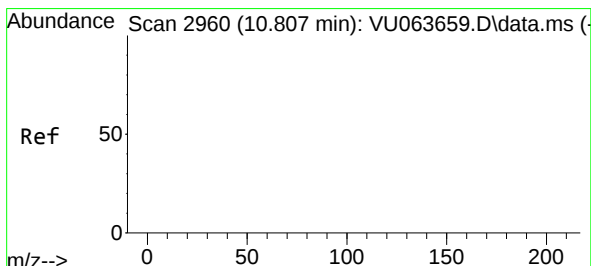
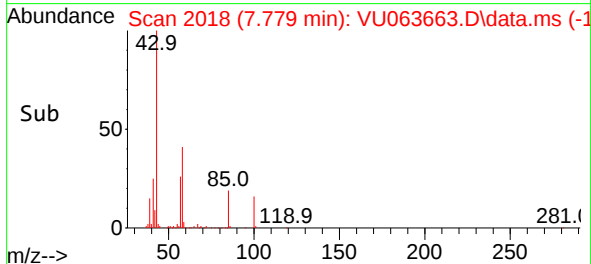
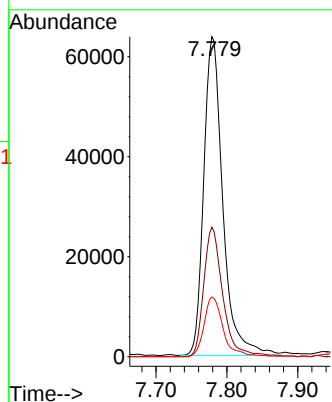
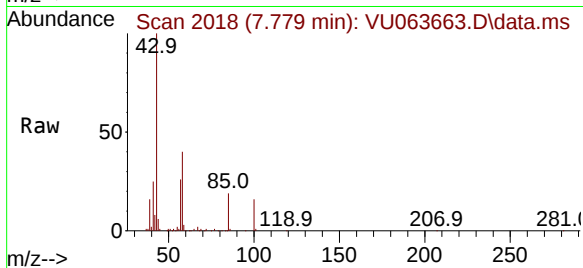




#45
4-Methyl-2-Pentanone
Concen: 2114.573 ug/l
RT: 7.779 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VU063663.D
Acq: 31 Oct 2025 15:59

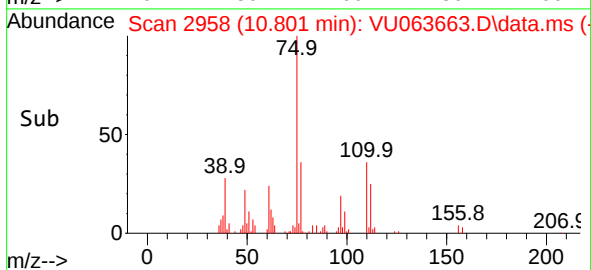
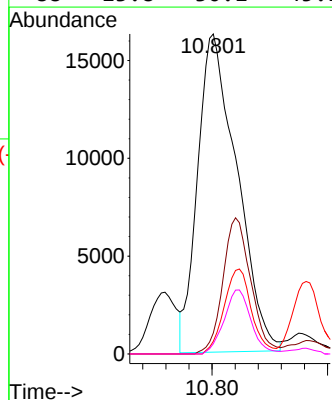
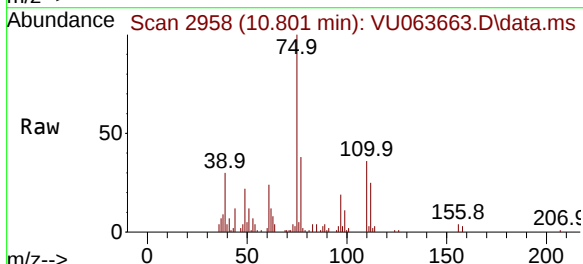
Instrument :
MSVOA_U
ClientSampleId :
VU1031WBS01

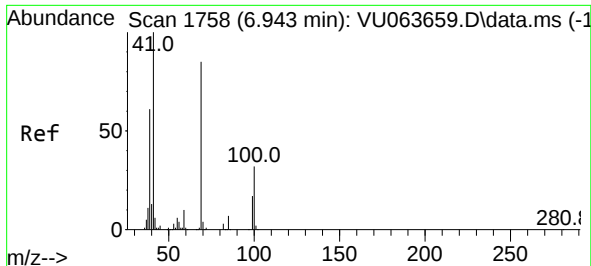
Tgt Ion: 43 Resp: 119297
Ion Ratio Lower Upper
43 100
58 40.3 20.2 60.5
85 18.8 15.0 22.6



#46
t-1,4-Dichloro-2-butene
Concen: 1959.377 ug/l
RT: 10.801 min Scan# 2958
Delta R.T. -0.006 min
Lab File: VU063663.D
Acq: 31 Oct 2025 15:59

Tgt Ion: 75 Resp: 38344
Ion Ratio Lower Upper
75 100
53 30.7 57.2 85.8#
89 18.8 37.9 56.9#
88 13.8 30.1 45.1#





#47

Methyl methacrylate

Concen: 867.853 ug/l

RT: 6.946 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063663.D

Acq: 31 Oct 2025 15:59

Instrument :

MSVOA_U

ClientSampleId :

VU1031WBS01

Tgt Ion: 69 Resp: 37358

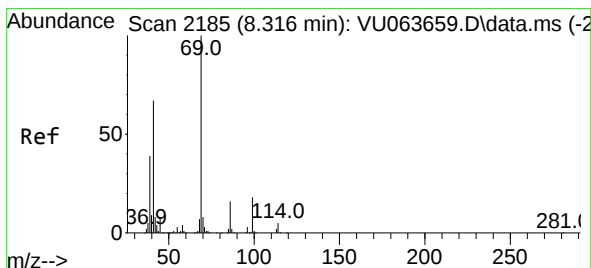
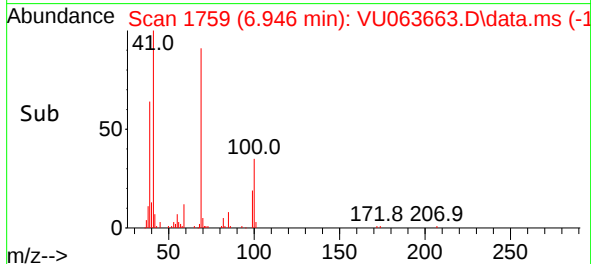
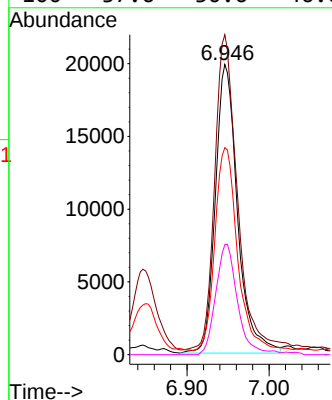
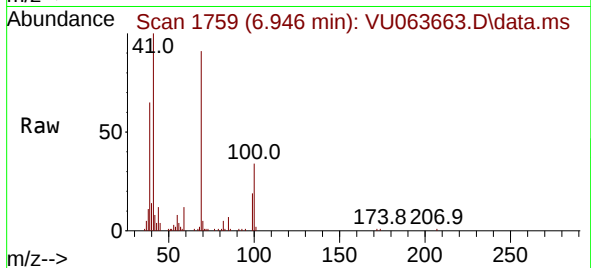
Ion Ratio Lower Upper

69 100

41 111.5 0.0 228.2

39 71.6 56.2 84.4

100 37.6 30.6 46.0



#48

Ethyl methacrylate

Concen: 422.610 ug/l

RT: 8.316 min Scan# 2185

Delta R.T. 0.000 min

Lab File: VU063663.D

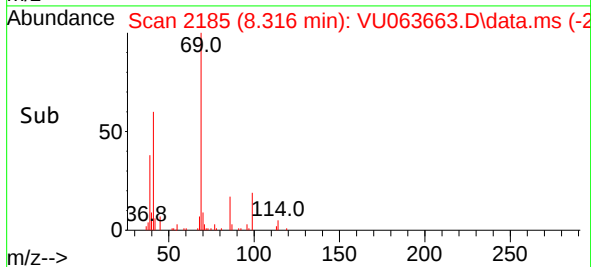
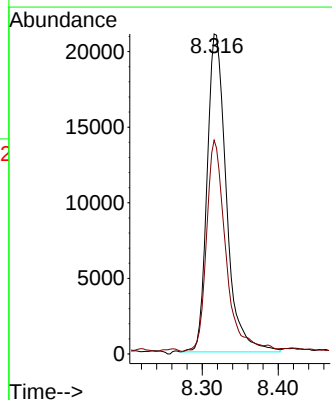
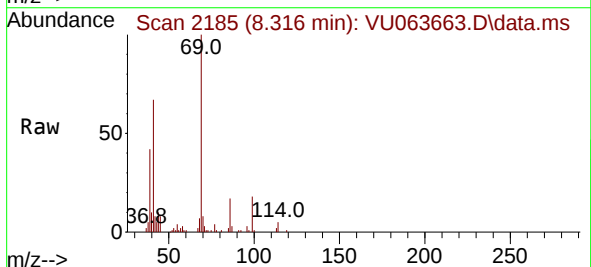
Acq: 31 Oct 2025 15:59

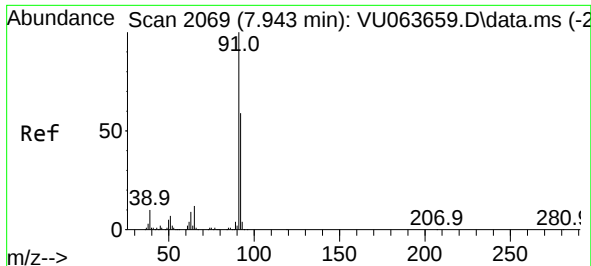
Tgt Ion: 69 Resp: 36999

Ion Ratio Lower Upper

69 100

41 65.7 32.8 98.3

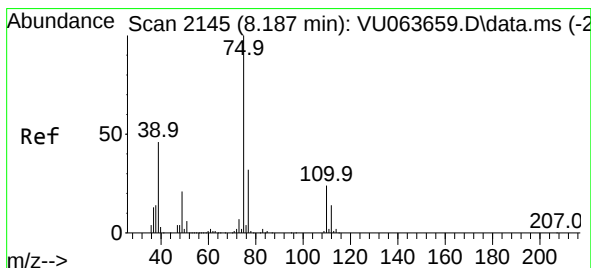
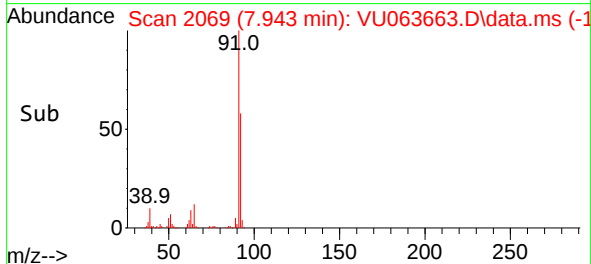
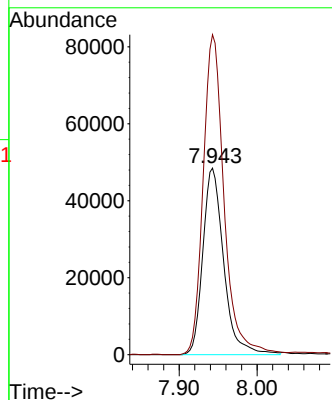
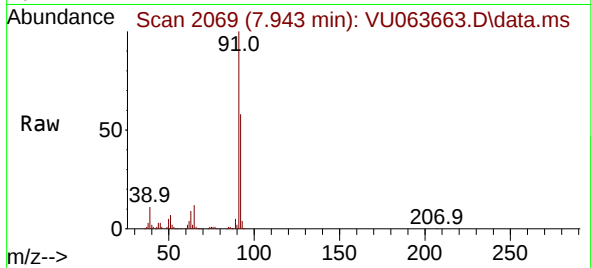




#49
Toluene
Concen: 414.000 ug/l
RT: 7.943 min Scan# 2069
Delta R.T. 0.000 min
Lab File: VU063663.D
Acq: 31 Oct 2025 15:59

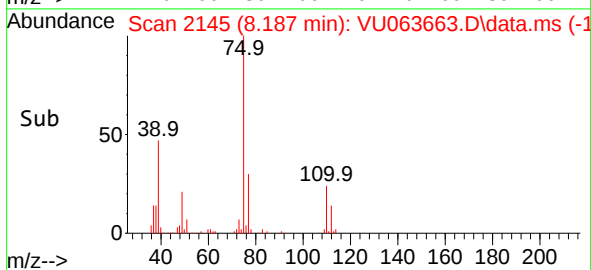
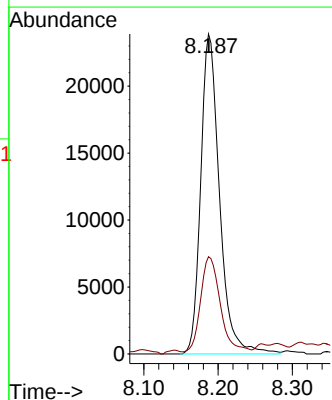
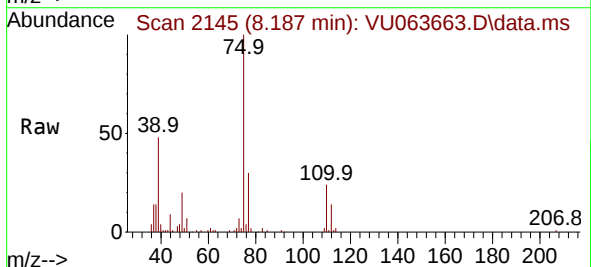
Instrument :
MSVOA_U
ClientSampleId :
VU1031WBS01

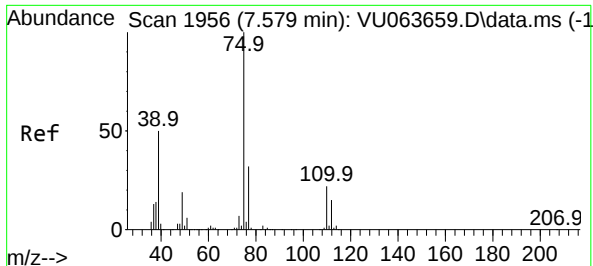
Tgt Ion: 92 Resp: 90230
Ion Ratio Lower Upper
92 100
91 172.0 136.8 205.2



#50
t-1,3-Dichloropropene
Concen: 422.277 ug/l
RT: 8.187 min Scan# 2145
Delta R.T. 0.000 min
Lab File: VU063663.D
Acq: 31 Oct 2025 15:59

Tgt Ion: 75 Resp: 41988
Ion Ratio Lower Upper
75 100
77 29.6 25.8 38.6

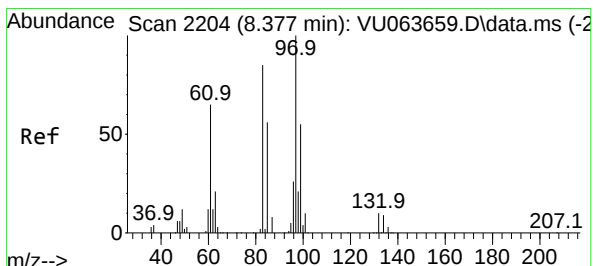
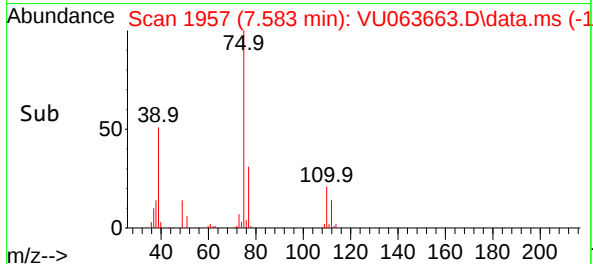
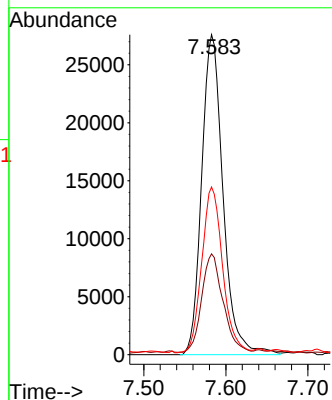
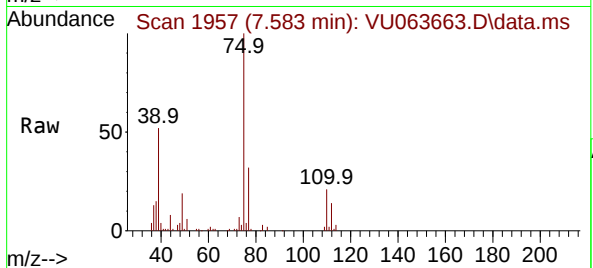




#51
 cis-1,3-Dichloropropene
 Concen: 401.760 ug/l
 RT: 7.583 min Scan# 1956
 Delta R.T. 0.003 min
 Lab File: VU063663.D
 Acq: 31 Oct 2025 15:59

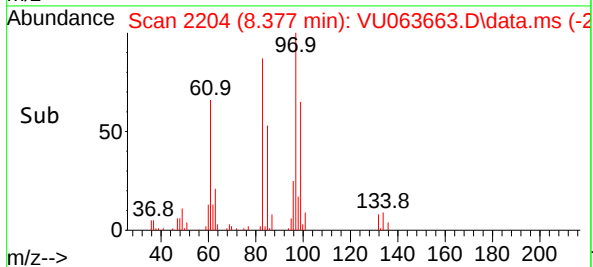
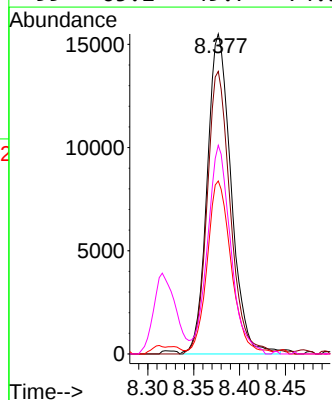
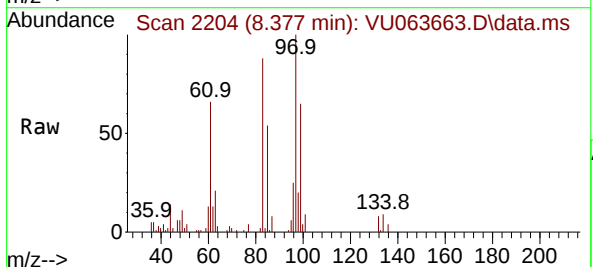
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1031WBS01

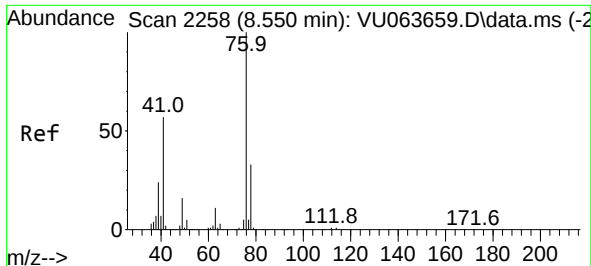
Tgt Ion:	75	Resp:	49962
Ion	Ratio	Lower	Upper
75	100		
77	30.8	25.5	38.3
39	51.6	39.9	59.9



#52
 1,1,2-Trichloroethane
 Concen: 442.996 ug/l
 RT: 8.377 min Scan# 2204
 Delta R.T. 0.000 min
 Lab File: VU063663.D
 Acq: 31 Oct 2025 15:59

Tgt Ion:	97	Resp:	28176
Ion	Ratio	Lower	Upper
97	100		
83	88.3	68.3	102.5
85	52.9	45.3	67.9
99	65.2	49.7	74.5





#53

1,3-Dichloropropane

Concen: 416.714 ug/l

RT: 8.550 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU063663.D

Acq: 31 Oct 2025 15:59

Instrument :

MSVOA_U

ClientSampleId :

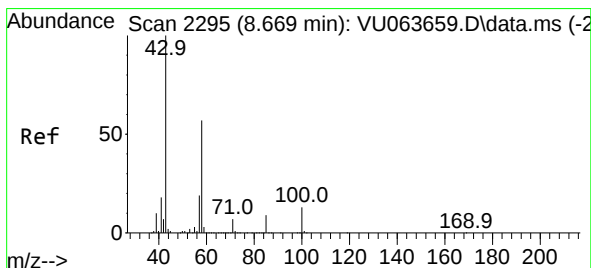
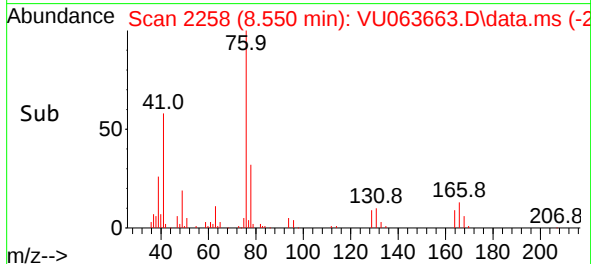
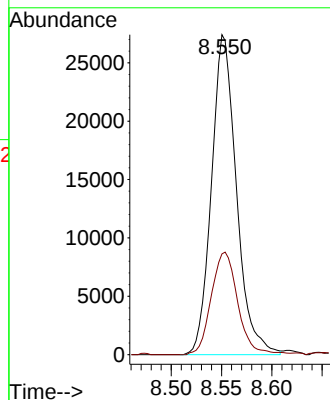
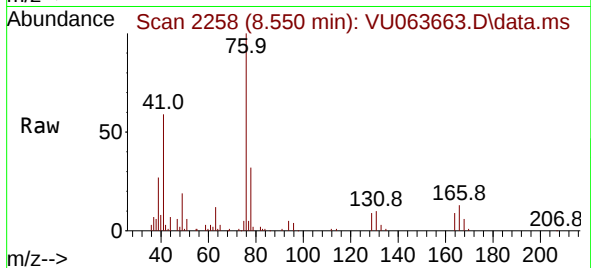
VU1031WBS01

Tgt Ion: 76 Resp: 47346

Ion Ratio Lower Upper

76 100

78 34.1 25.8 38.6



#54

2-Hexanone

Concen: 1875.208 ug/l

RT: 8.673 min Scan# 2296

Delta R.T. 0.003 min

Lab File: VU063663.D

Acq: 31 Oct 2025 15:59

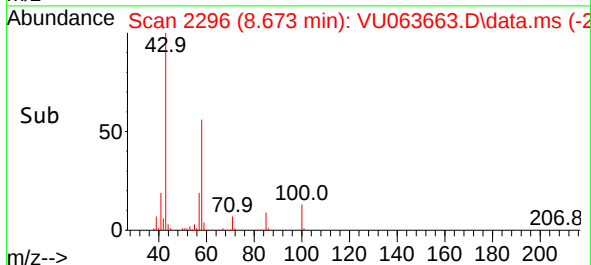
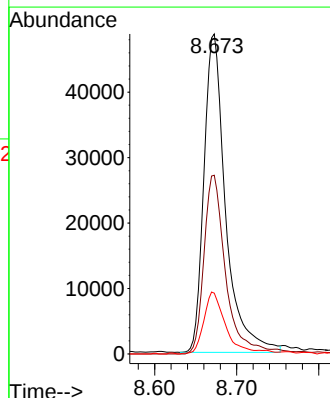
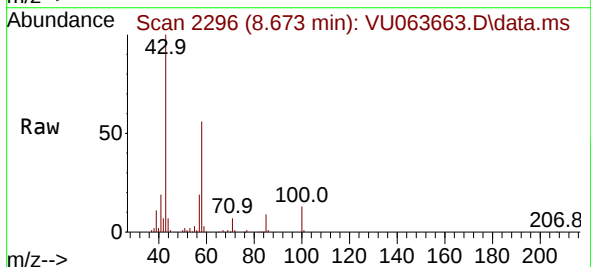
Tgt Ion: 43 Resp: 89318

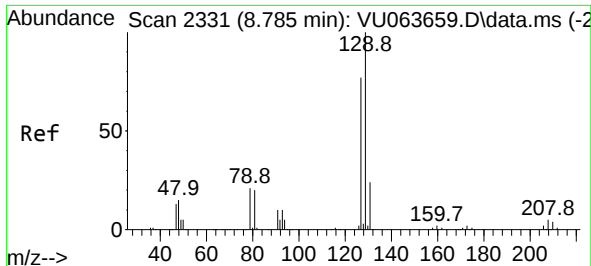
Ion Ratio Lower Upper

43 100

58 55.6 36.3 76.3

57 19.2 0.0 39.7

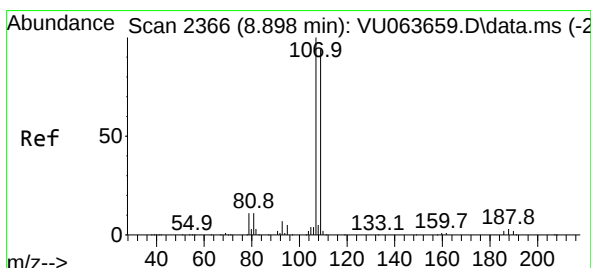
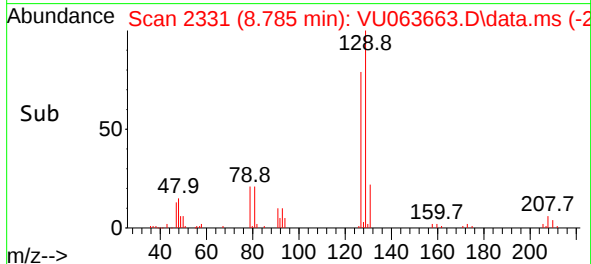
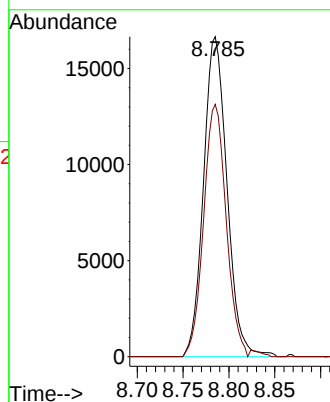
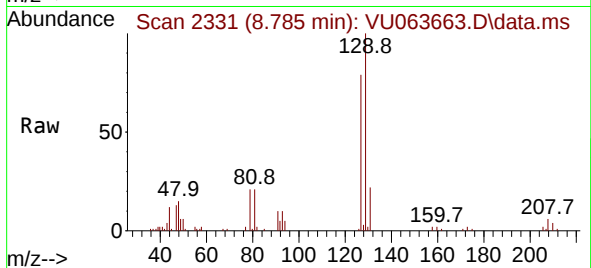




#55
Dibromochloromethane
Concen: 396.088 ug/l
RT: 8.785 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU063663.D
Acq: 31 Oct 2025 15:59

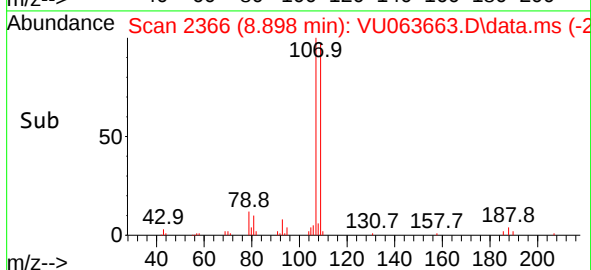
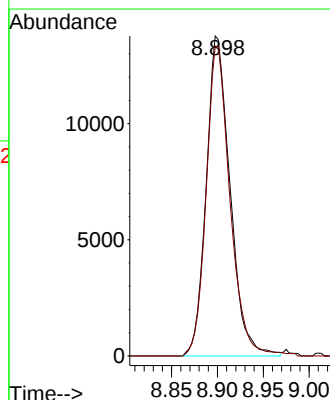
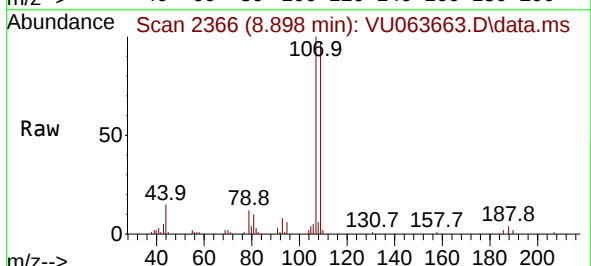
Instrument :
MSVOA_U
ClientSampleId :
VU1031WBS01

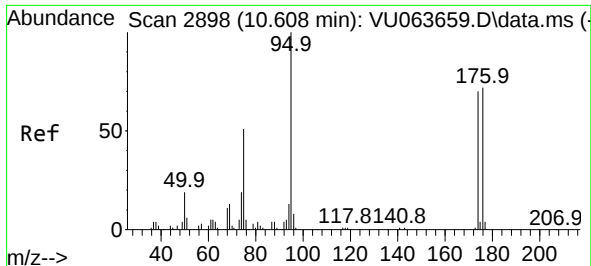
Tgt Ion:129 Resp: 29664
Ion Ratio Lower Upper
129 100
127 75.7 61.4 92.0



#56
1,2-Dibromoethane
Concen: 411.968 ug/l
RT: 8.898 min Scan# 2366
Delta R.T. 0.000 min
Lab File: VU063663.D
Acq: 31 Oct 2025 15:59

Tgt Ion:107 Resp: 24934
Ion Ratio Lower Upper
107 100
109 96.8 0.0 188.0

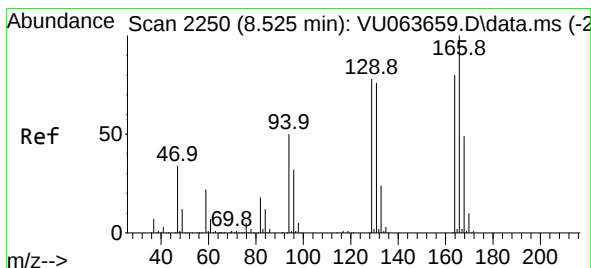
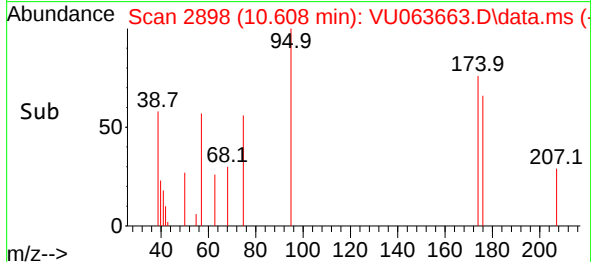
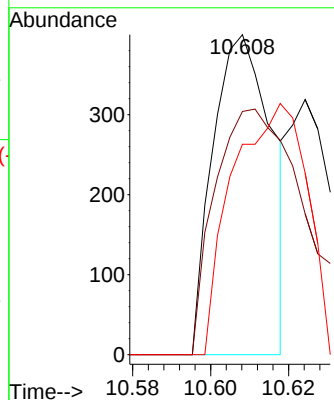
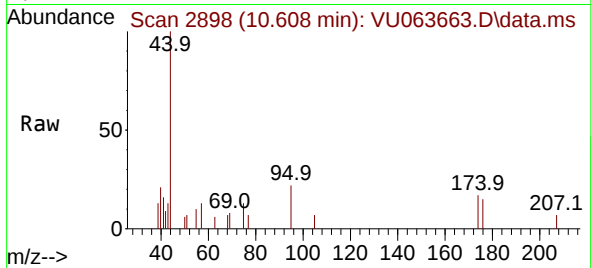




#57
4-Bromofluorobenzene
Concen: 3.612 ug/l
RT: 10.608 min Scan# 2898
Delta R.T. 0.000 min
Lab File: VU063663.D
Acq: 31 Oct 2025 15:59

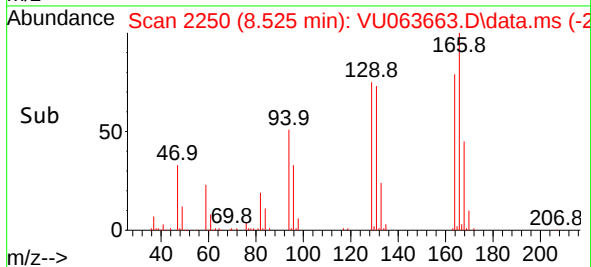
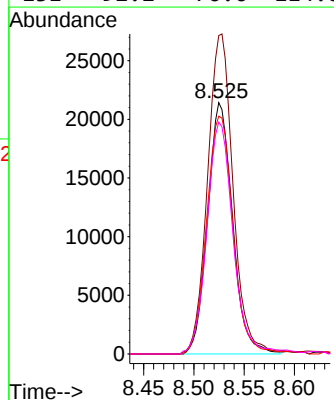
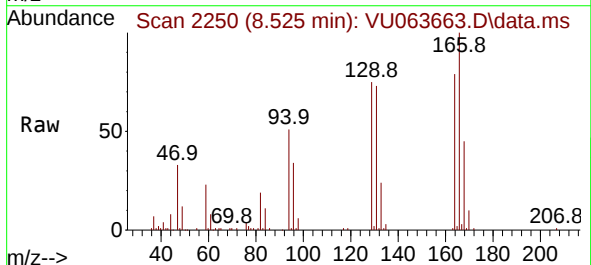
Instrument :
MSVOA_U
ClientSampleId :
VU1031WBS01

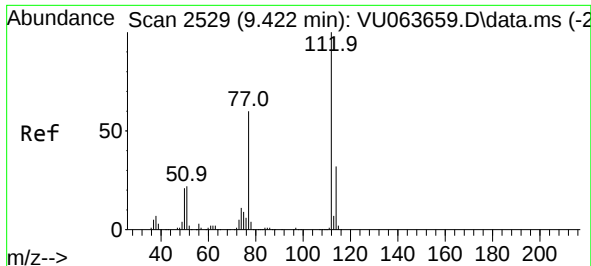
Tgt Ion: 95 Resp: 420
Ion Ratio Lower Upper
95 100
174 113.1 59.9 89.9#
176 99.0 58.8 88.2#



#58
Tetrachloroethene
Concen: 410.208 ug/l
RT: 8.525 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VU063663.D
Acq: 31 Oct 2025 15:59

Tgt Ion:164 Resp: 36958
Ion Ratio Lower Upper
164 100
166 126.7 100.1 150.1
129 94.6 77.6 116.4
131 92.2 76.6 114.8





#59

Chlorobenzene

Concen: 421.159 ug/l

RT: 9.422 min Scan# 2529

Delta R.T. 0.000 min

Lab File: VU063663.D

Acq: 31 Oct 2025 15:59

Instrument :

MSVOA_U

ClientSampleId :

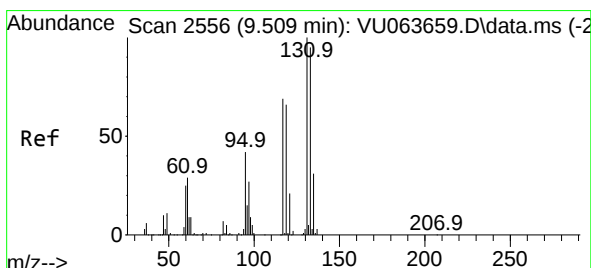
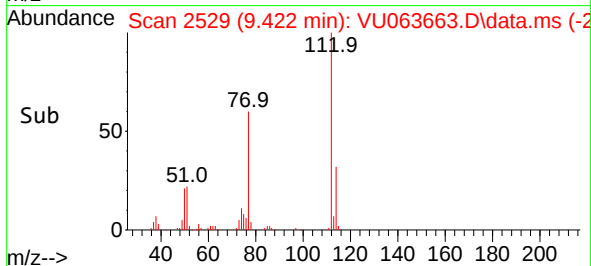
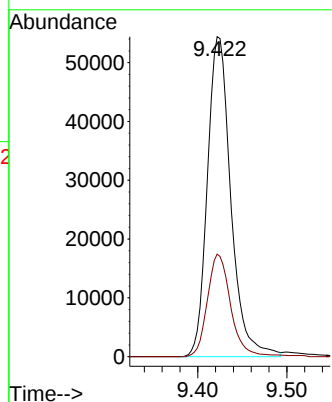
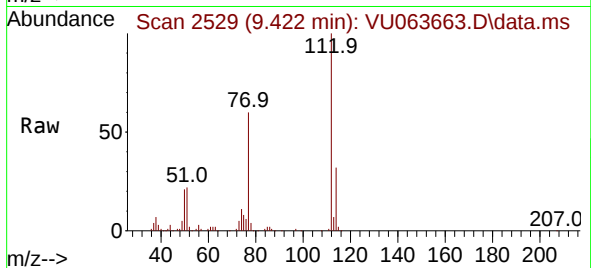
VU1031WBS01

Tgt Ion:112 Resp: 99540

Ion Ratio Lower Upper

112 100

114 32.1 26.0 39.0



#60

1,1,1,2-Tetrachloroethane

Concen: 401.124 ug/l

RT: 9.509 min Scan# 2556

Delta R.T. 0.000 min

Lab File: VU063663.D

Acq: 31 Oct 2025 15:59

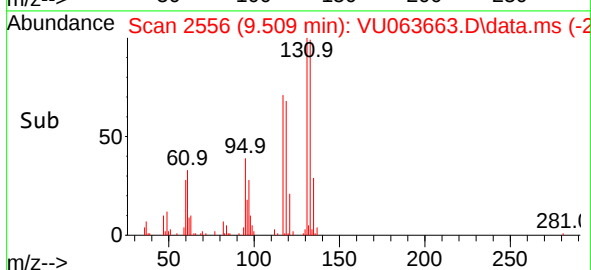
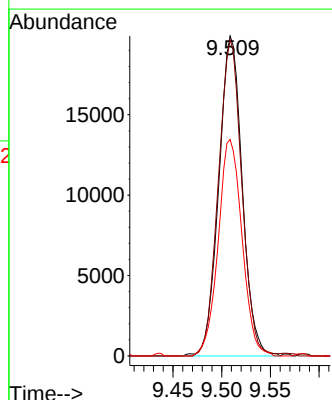
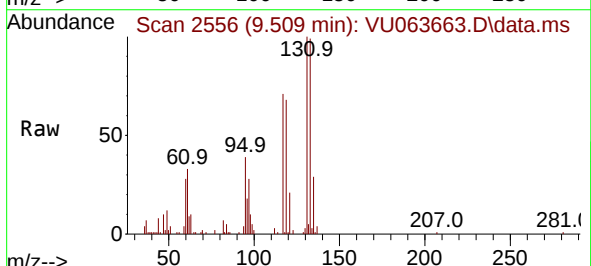
Tgt Ion:131 Resp: 33192

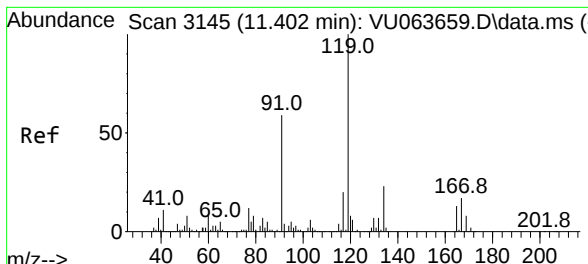
Ion Ratio Lower Upper

131 100

133 99.1 77.0 115.6

119 69.0 52.8 79.2

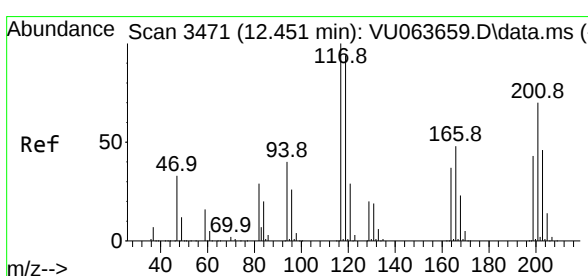
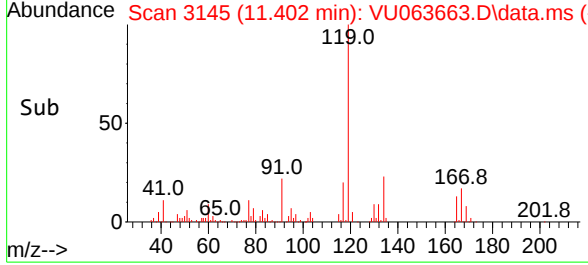
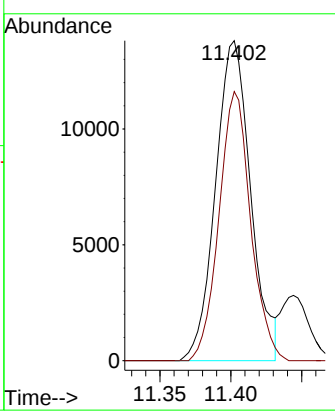
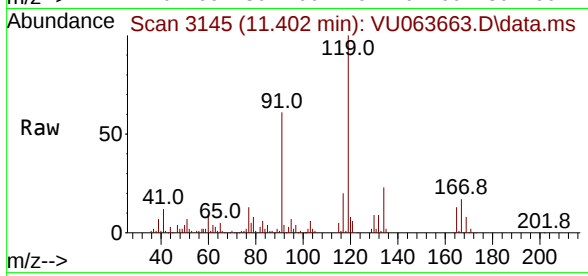




#61
 Pentachloroethane
 Concen: 415.236 ug/l
 RT: 11.402 min Scan# 3145
 Delta R.T. 0.000 min
 Lab File: VU063663.D
 Acq: 31 Oct 2025 15:59

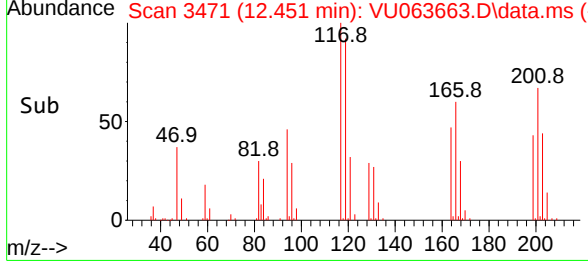
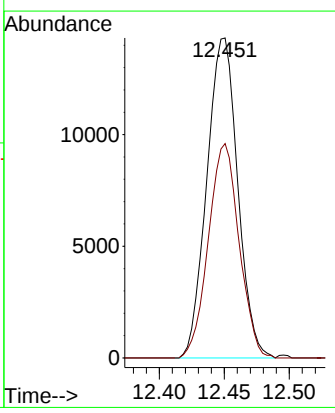
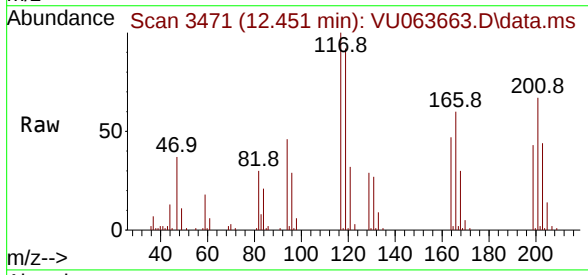
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1031WBS01

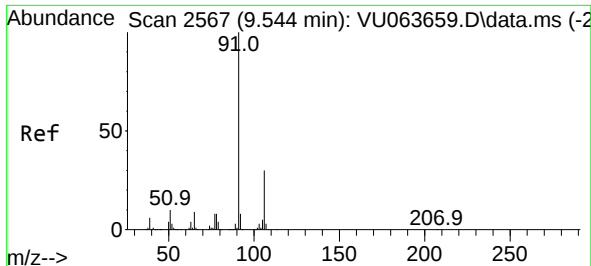
Tgt Ion:	117	Resp:	23835
Ion Ratio	Lower	Upper	
117	100		
167	75.7	62.8	94.2



#62
 Hexachloroethane
 Concen: 377.033 ug/l
 RT: 12.451 min Scan# 3471
 Delta R.T. 0.000 min
 Lab File: VU063663.D
 Acq: 31 Oct 2025 15:59

Tgt Ion:	117	Resp:	23723
Ion Ratio	Lower	Upper	
117	100		
201	66.6	56.3	84.5

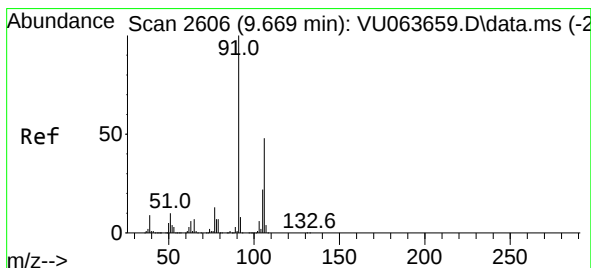
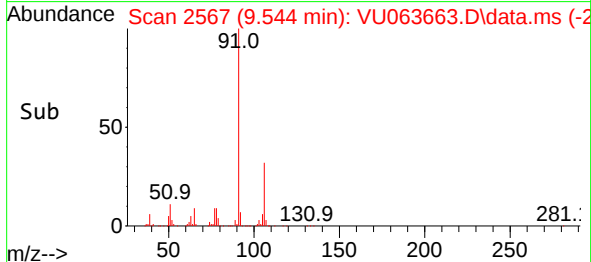
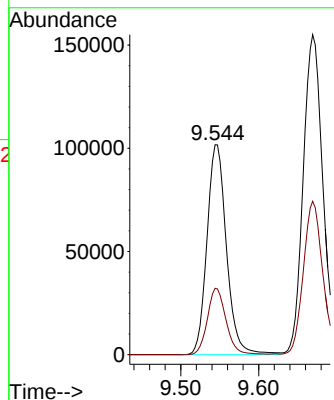
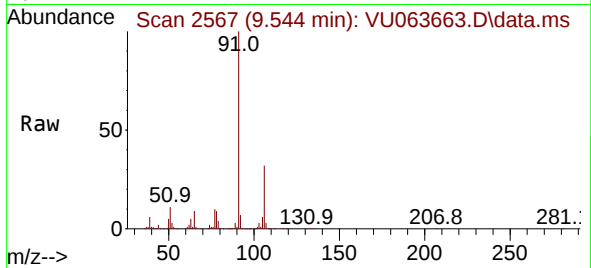




#63
Ethyl Benzene
Concen: 413.288 ug/l
RT: 9.544 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU063663.D
Acq: 31 Oct 2025 15:59

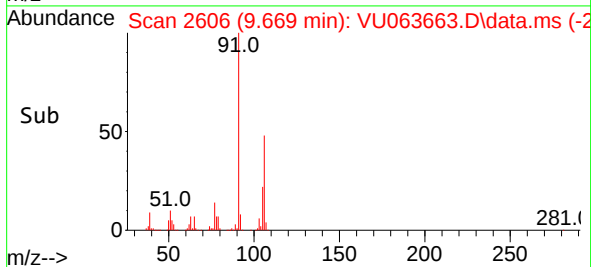
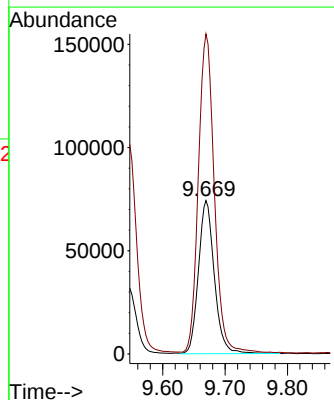
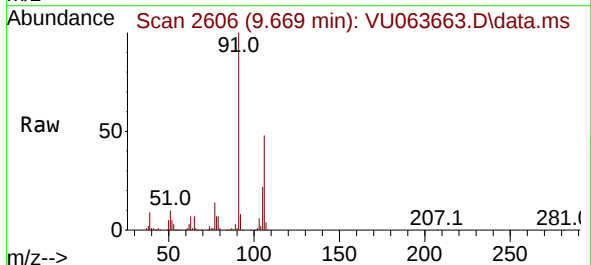
Instrument :
MSVOA_U
ClientSampleId :
VU1031WBS01

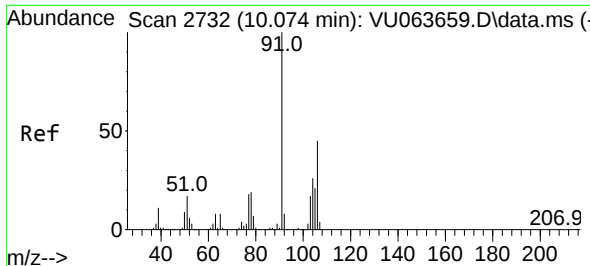
Tgt Ion: 91 Resp: 176933
Ion Ratio Lower Upper
91 100
106 31.6 24.1 36.1



#64
m/p-Xylenes
Concen: 821.781 ug/l
RT: 9.669 min Scan# 2606
Delta R.T. 0.000 min
Lab File: VU063663.D
Acq: 31 Oct 2025 15:59

Tgt Ion:106 Resp: 131337
Ion Ratio Lower Upper
106 100
91 207.9 167.0 250.4

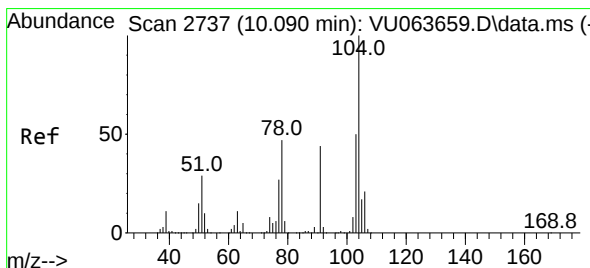
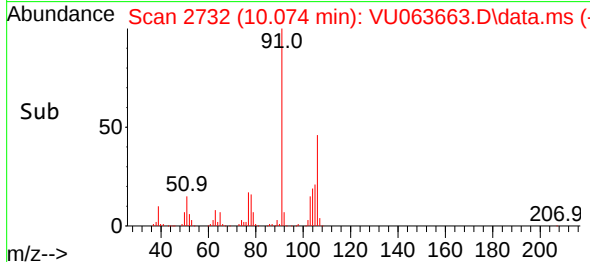
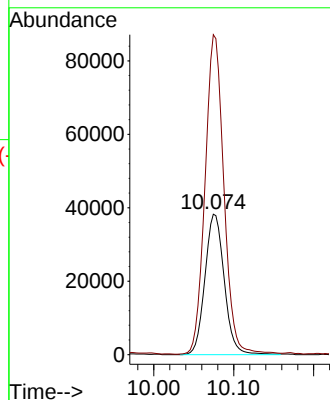
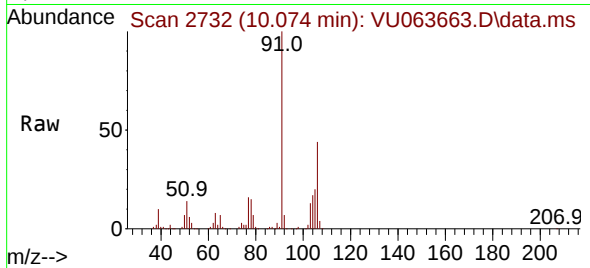




#65
o-Xylene
Concen: 411.328 ug/l
RT: 10.074 min Scan# 2732
Delta R.T. 0.000 min
Lab File: VU063663.D
Acq: 31 Oct 2025 15:59

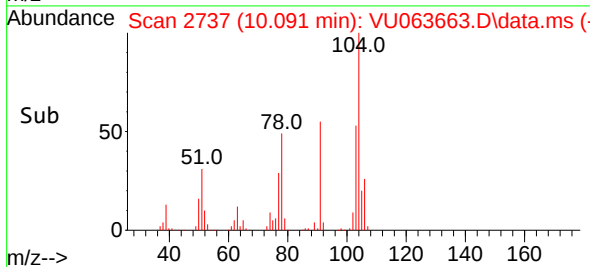
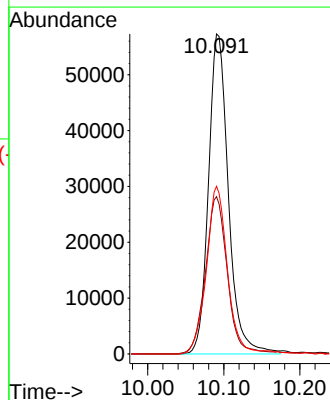
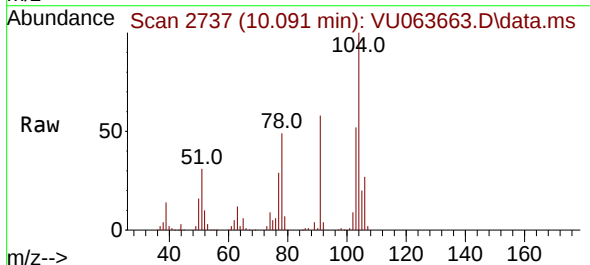
Instrument :
MSVOA_U
ClientSampleId :
VU1031WBS01

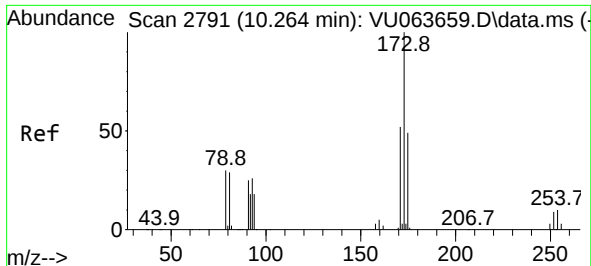
Tgt Ion:106 Resp: 64417
Ion Ratio Lower Upper
106 100
91 221.3 109.3 327.9



#66
Styrene
Concen: 409.954 ug/l
RT: 10.091 min Scan# 2737
Delta R.T. 0.000 min
Lab File: VU063663.D
Acq: 31 Oct 2025 15:59

Tgt Ion:104 Resp: 104153
Ion Ratio Lower Upper
104 100
78 53.9 42.8 64.2
103 54.9 43.9 65.9

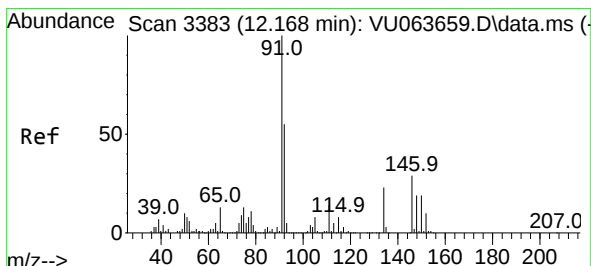
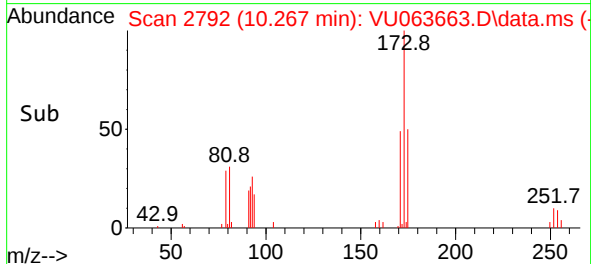
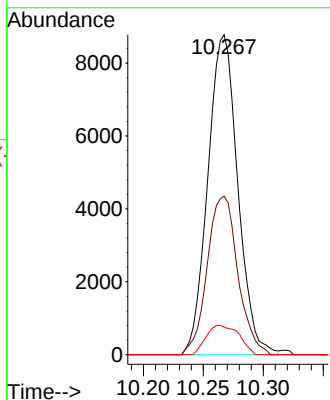
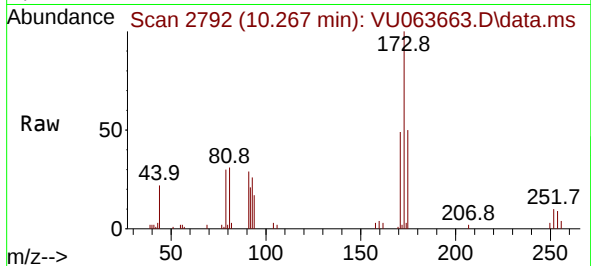




#67
Bromoform
Concen: 377.021 ug/l
RT: 10.267 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063663.D
Acq: 31 Oct 2025 15:59

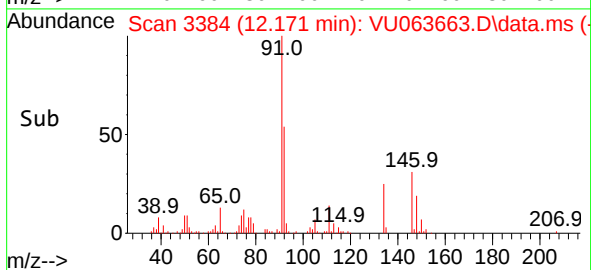
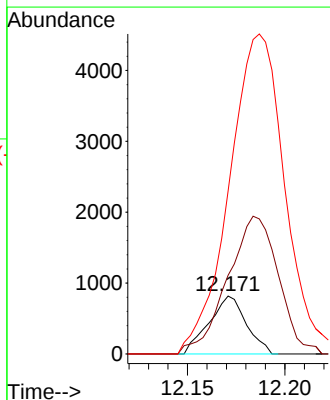
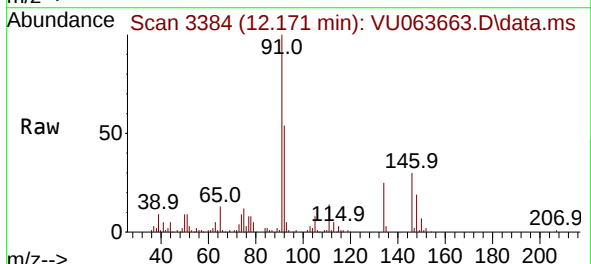
Instrument :
MSVOA_U
ClientSampleId :
VU1031WBS01

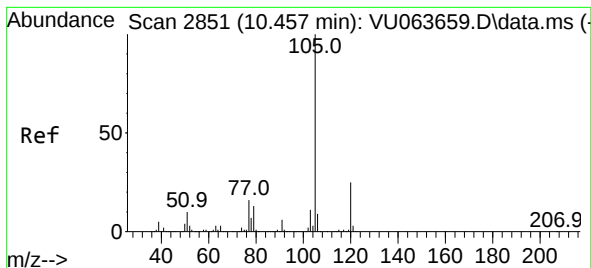
Tgt Ion:173 Resp: 15245
Ion Ratio Lower Upper
173 100
175 50.6 39.0 58.4
254 10.0 7.4 11.0



#68
1,2-Dichlorobenzene-d4
Concen: 10.400 ug/l
RT: 12.171 min Scan# 3384
Delta R.T. 0.003 min
Lab File: VU063663.D
Acq: 31 Oct 2025 15:59

Tgt Ion:152 Resp: 1084
Ion Ratio Lower Upper
152 100
115 325.3 0.0 247.2#
150 840.6 0.0 643.6#





#69

Isopropylbenzene

Concen: 412.881 ug/l

RT: 10.460 min Scan# 2851

Delta R.T. 0.003 min

Lab File: VU063663.D

Acq: 31 Oct 2025 15:59

Instrument :

MSVOA_U

ClientSampleId :

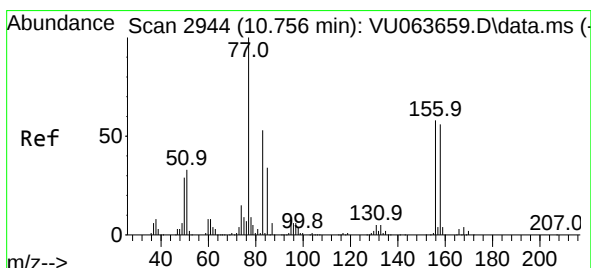
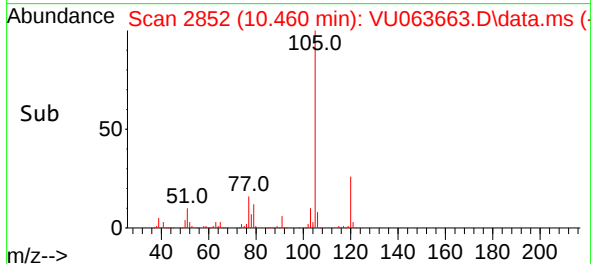
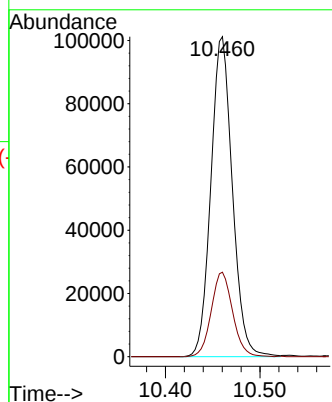
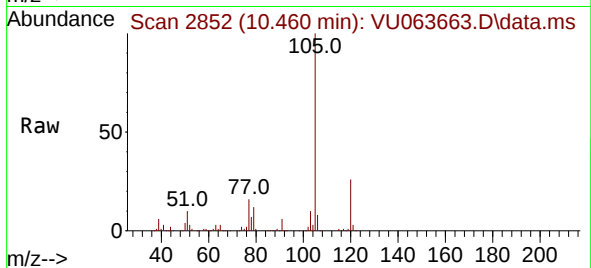
VU1031WBS01

Tgt Ion:105 Resp: 159690

Ion Ratio Lower Upper

105 100

120 26.2 12.9 38.6



#70

1,1,2,2-Tetrachloroethane

Concen: 426.054 ug/l

RT: 10.756 min Scan# 2944

Delta R.T. 0.000 min

Lab File: VU063663.D

Acq: 31 Oct 2025 15:59

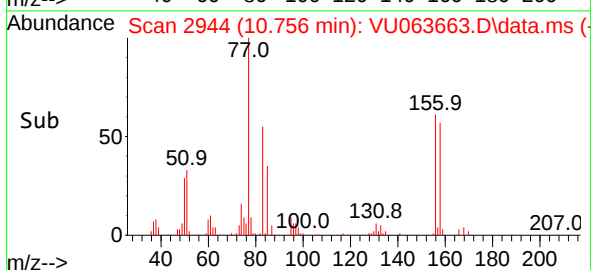
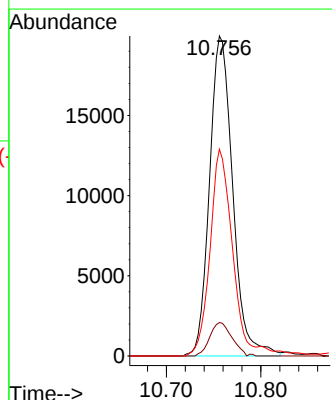
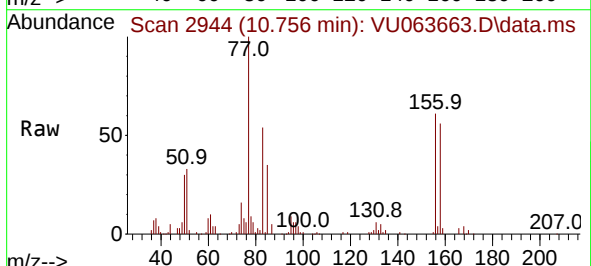
Tgt Ion: 83 Resp: 34037

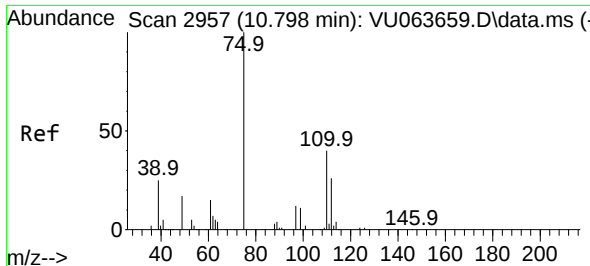
Ion Ratio Lower Upper

83 100

131 10.0 8.1 12.1

85 63.9 51.0 76.6

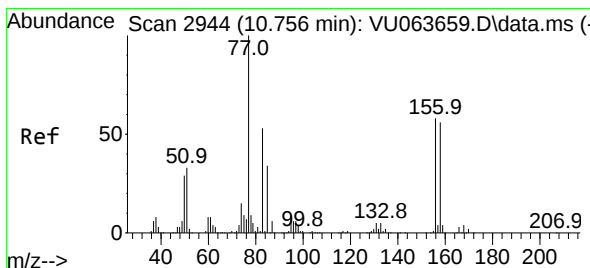
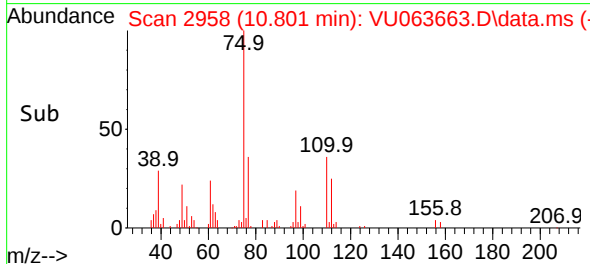
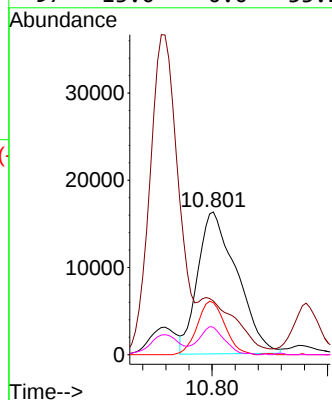
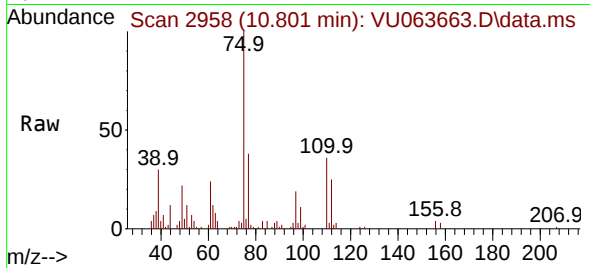




#71
1,2,3-Trichloropropane
Concen: 551.651 ug/l
RT: 10.801 min Scan# 2958
Delta R.T. 0.003 min
Lab File: VU063663.D
Acq: 31 Oct 2025 15:59

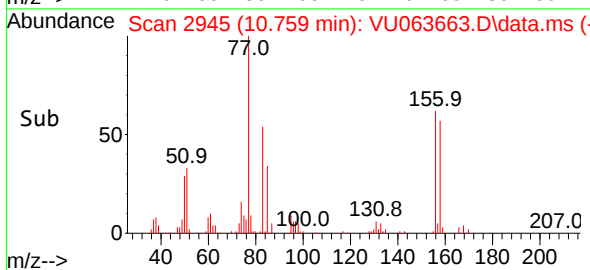
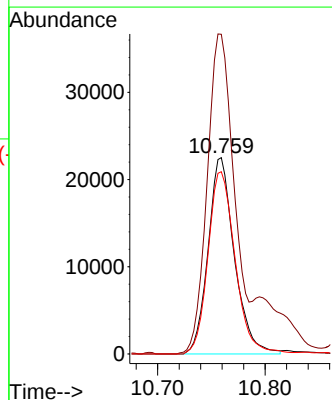
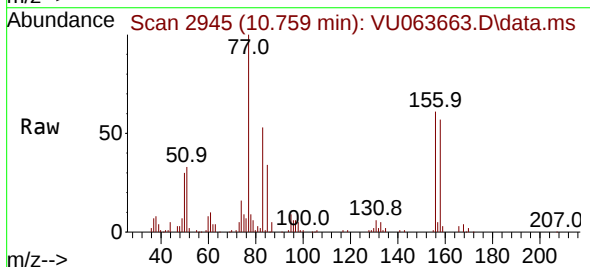
Instrument :
MSVOA_U
ClientSampleId :
VU1031WBS01

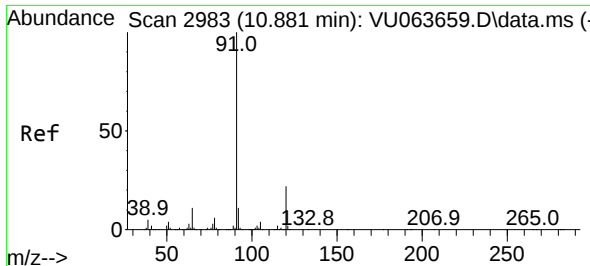
Tgt Ion:	75	Resp:	38344
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0
110	26.6	0.0	66.4
97	13.0	0.0	33.2



#72
Bromobenzene
Concen: 408.957 ug/l
RT: 10.759 min Scan# 2945
Delta R.T. 0.003 min
Lab File: VU063663.D
Acq: 31 Oct 2025 15:59

Tgt Ion:	156	Resp:	38252
Ion Ratio	Lower	Upper	
156	100		
77	168.1	0.0	337.2
158	96.0	0.0	191.8

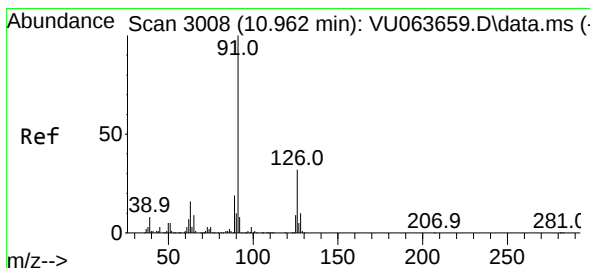
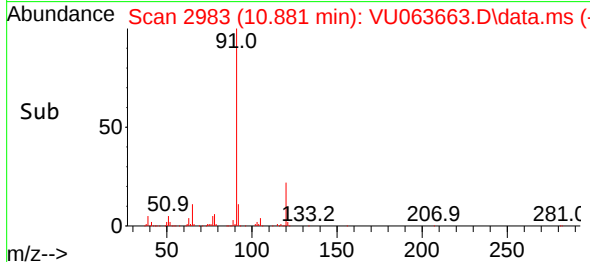
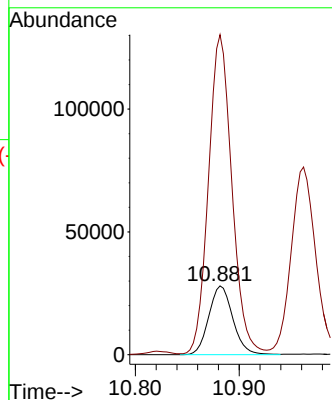
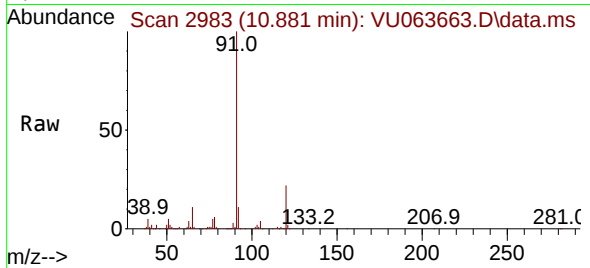




#73
n-propylbenzene
Concen: 409.212 ug/l
RT: 10.881 min Scan# 2983
Delta R.T. 0.000 min
Lab File: VU063663.D
Acq: 31 Oct 2025 15:59

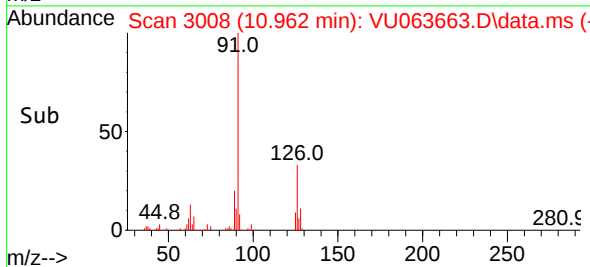
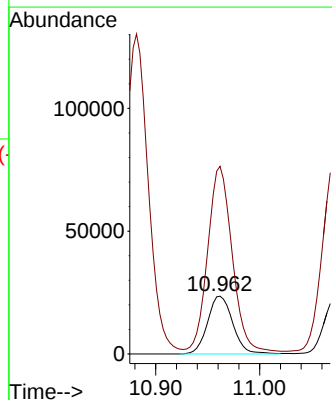
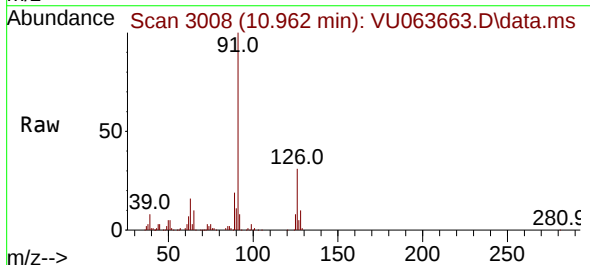
Instrument :
MSVOA_U
ClientSampleId :
VU1031WBS01

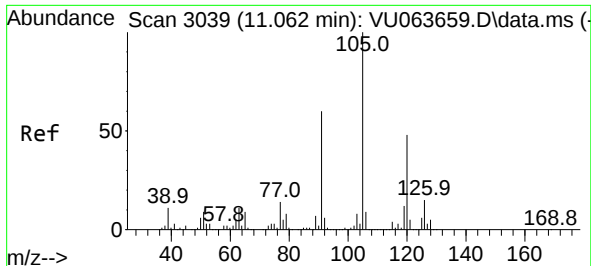
Tgt Ion:120 Resp: 44972
Ion Ratio Lower Upper
120 100
91 450.8 361.4 542.2



#74
2-Chlorotoluene
Concen: 415.405 ug/l
RT: 10.962 min Scan# 3008
Delta R.T. 0.000 min
Lab File: VU063663.D
Acq: 31 Oct 2025 15:59

Tgt Ion:126 Resp: 39569
Ion Ratio Lower Upper
126 100
91 317.2 0.0 634.8

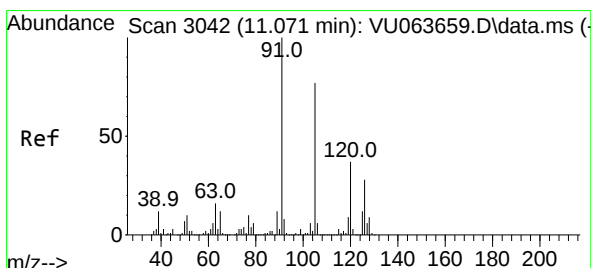
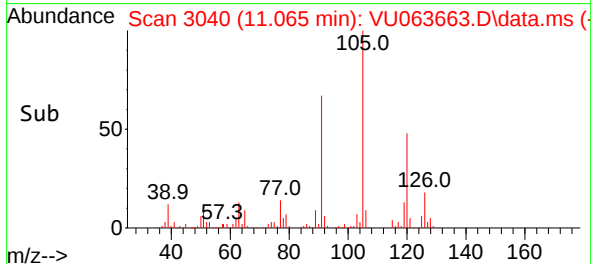
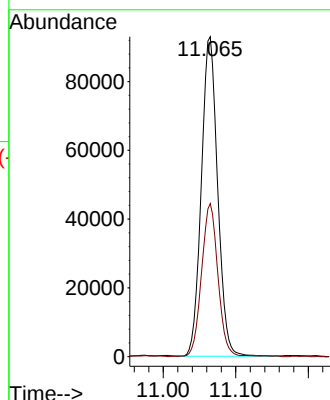
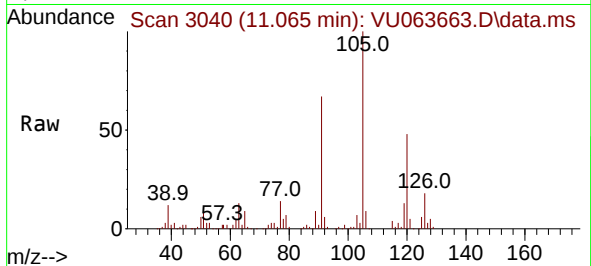




#75
1,3,5-Trimethylbenzene
Concen: 405.471 ug/l
RT: 11.065 min Scan# 3040
Delta R.T. 0.003 min
Lab File: VU063663.D
Acq: 31 Oct 2025 15:59

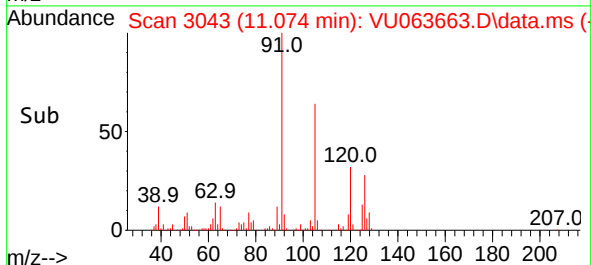
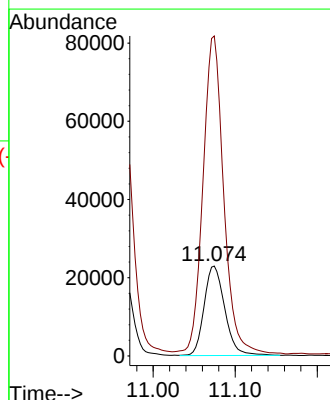
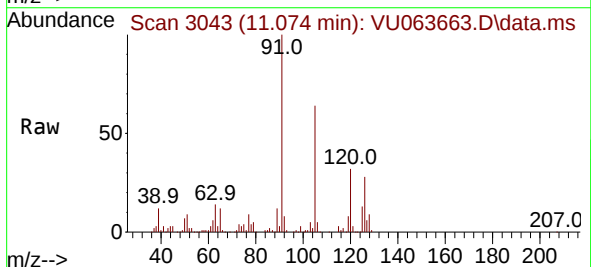
Instrument :
MSVOA_U
ClientSampleId :
VU1031WBS01

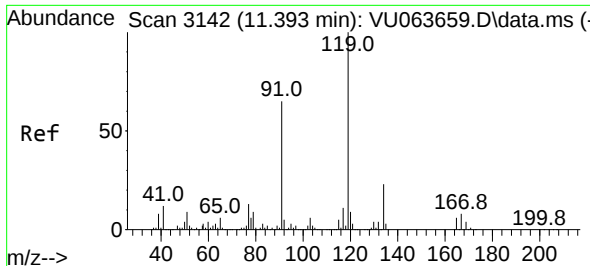
Tgt Ion:105 Resp: 145004
Ion Ratio Lower Upper
105 100
120 48.3 38.2 57.2



#76
4-Chlorotoluene
Concen: 418.156 ug/l
RT: 11.074 min Scan# 3043
Delta R.T. 0.003 min
Lab File: VU063663.D
Acq: 31 Oct 2025 15:59

Tgt Ion:126 Resp: 39990
Ion Ratio Lower Upper
126 100
91 356.6 0.0 716.6

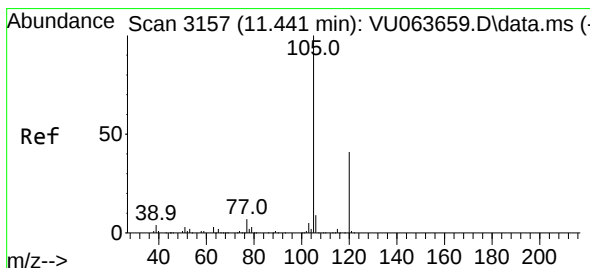
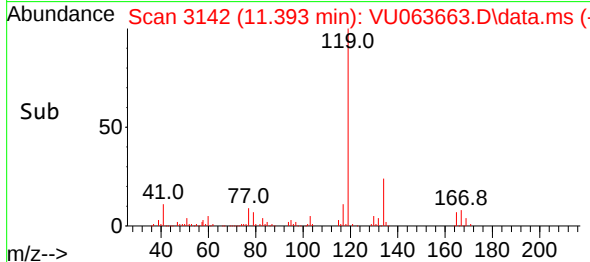
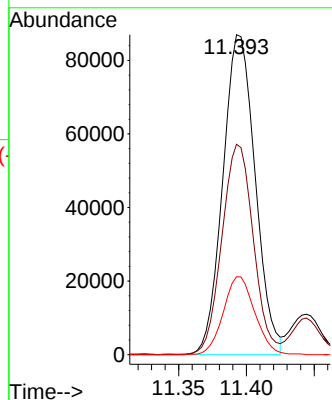
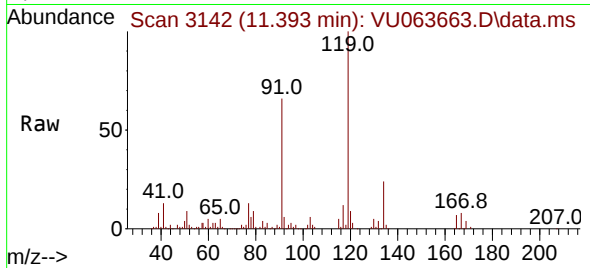




#77
tert-Butylbenzene
Concen: 412.292 ug/l
RT: 11.393 min Scan# 3142
Delta R.T. 0.000 min
Lab File: VU063663.D
Acq: 31 Oct 2025 15:59

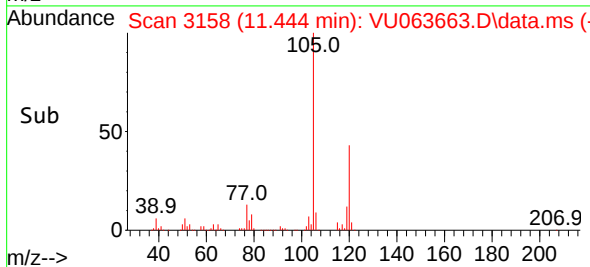
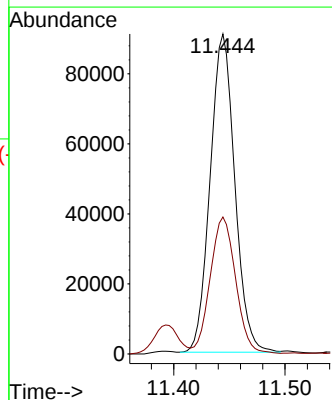
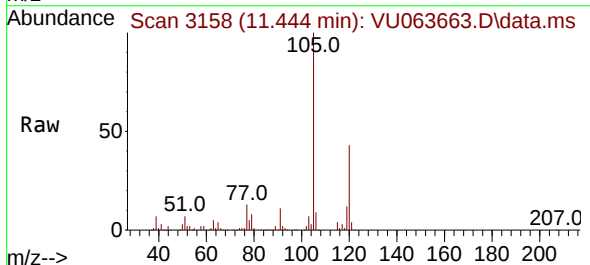
Instrument :
MSVOA_U
ClientSampleId :
VU1031WBS01

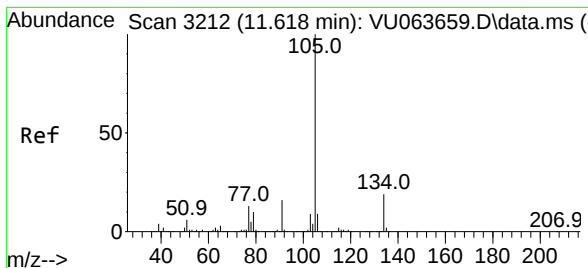
Tgt Ion:119 Resp: 144455
Ion Ratio Lower Upper
119 100
91 63.6 31.3 93.8
134 23.7 18.7 28.1



#78
1,2,4-Trimethylbenzene
Concen: 407.391 ug/l
RT: 11.444 min Scan# 3158
Delta R.T. 0.003 min
Lab File: VU063663.D
Acq: 31 Oct 2025 15:59

Tgt Ion:105 Resp: 139832
Ion Ratio Lower Upper
105 100
120 44.1 22.4 67.0





#79

sec-Butylbenzene

Concen: 404.847 ug/l

RT: 11.618 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU063663.D

Acq: 31 Oct 2025 15:59

Instrument :

MSVOA_U

ClientSampleId :

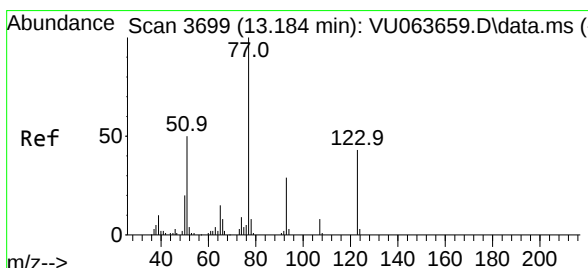
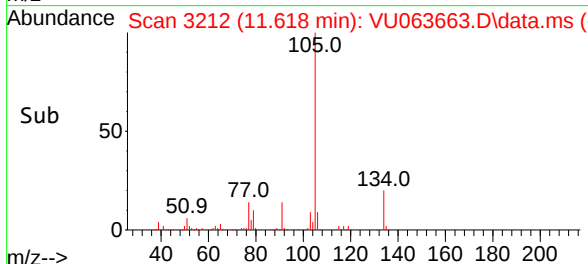
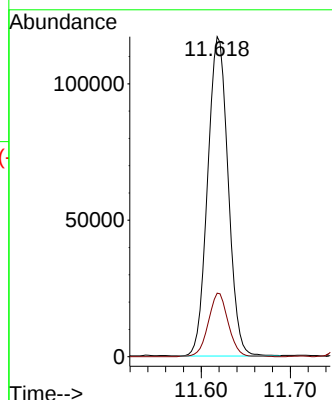
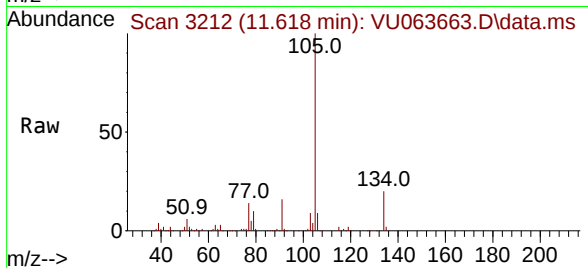
VU1031WBS01

Tgt Ion:105 Resp: 186603

Ion Ratio Lower Upper

105 100

134 19.5 15.7 23.5



#80

Nitrobenzene

Concen: 1350.356 ug/l

RT: 13.190 min Scan# 3701

Delta R.T. 0.006 min

Lab File: VU063663.D

Acq: 31 Oct 2025 15:59

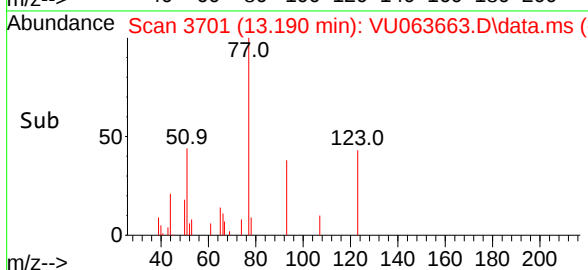
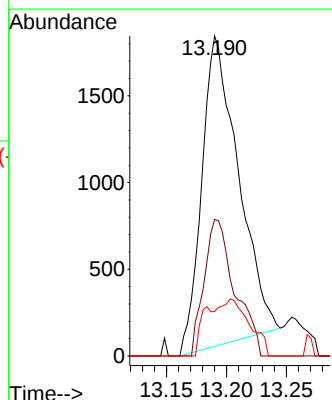
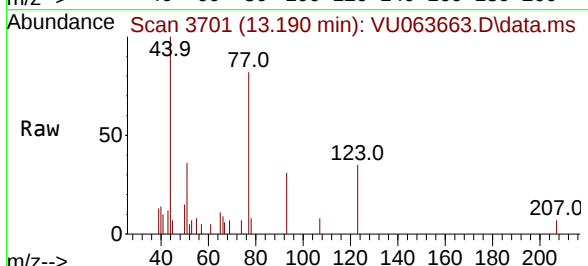
Tgt Ion: 77 Resp: 3794

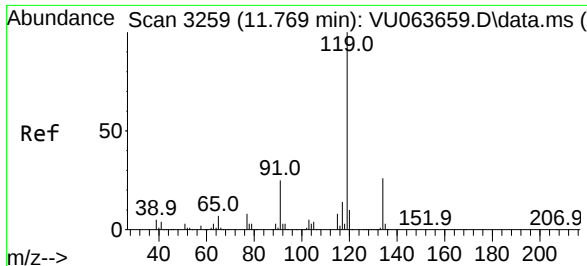
Ion Ratio Lower Upper

77 100

123 37.1 18.2 64.4

65 5.0 13.6 17.2#

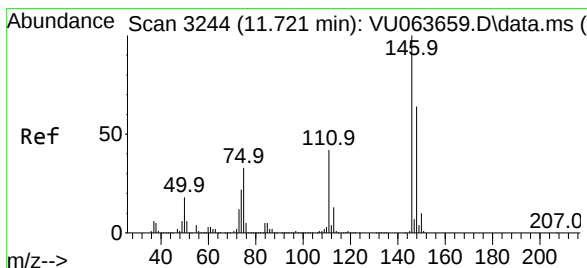
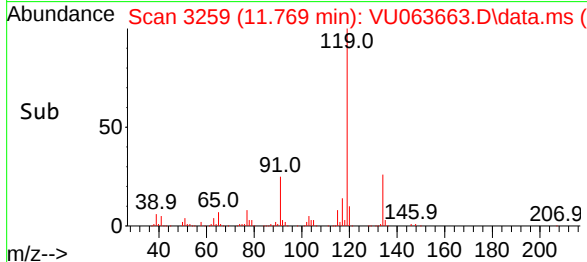
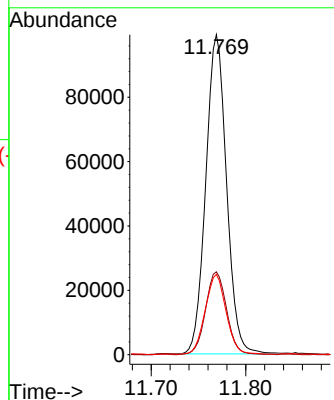
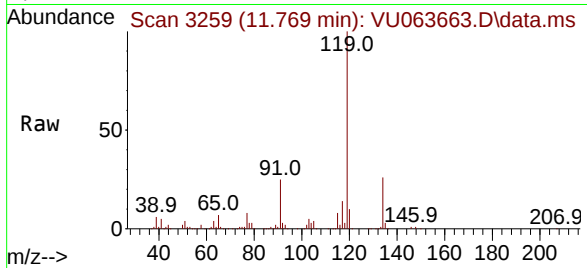




#81
 p-Isopropyltoluene
 Concen: 401.223 ug/l
 RT: 11.769 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU063663.D
 Acq: 31 Oct 2025 15:59

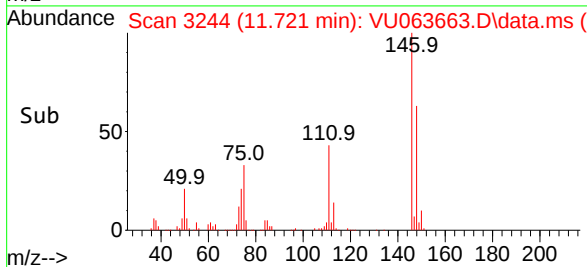
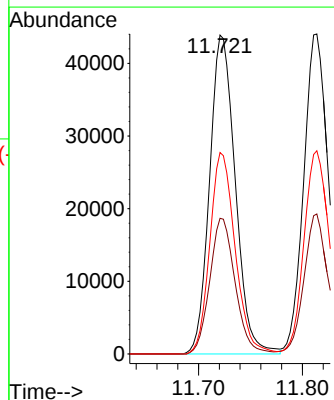
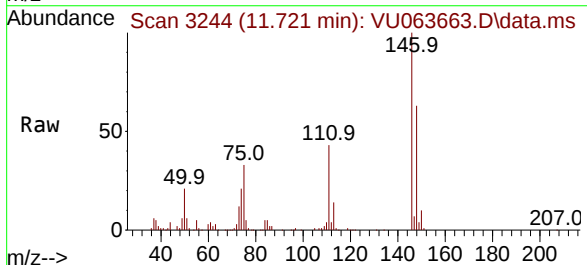
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1031WBS01

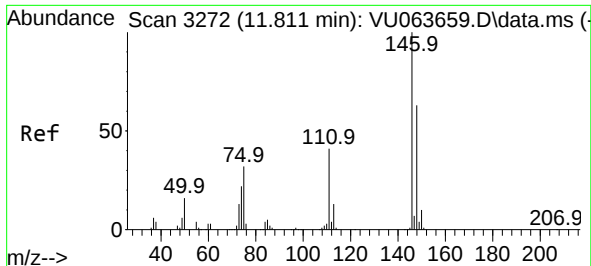
Tgt Ion:119 Resp: 151425
 Ion Ratio Lower Upper
 119 100
 134 26.3 20.3 30.5
 91 25.0 20.1 30.1



#82
 1,3-Dichlorobenzene
 Concen: 416.454 ug/l
 RT: 11.721 min Scan# 3244
 Delta R.T. 0.000 min
 Lab File: VU063663.D
 Acq: 31 Oct 2025 15:59

Tgt Ion:146 Resp: 75438
 Ion Ratio Lower Upper
 146 100
 111 41.9 33.8 50.8
 148 62.3 50.8 76.2

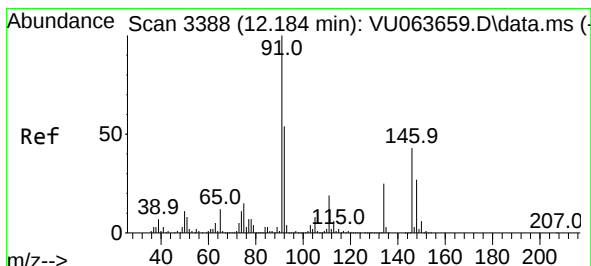
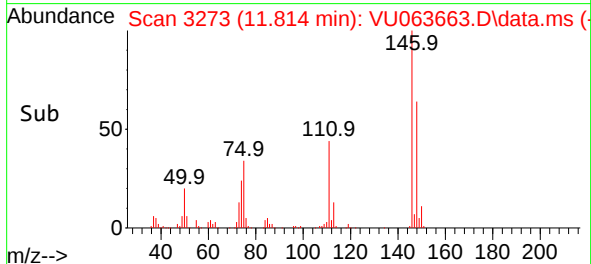
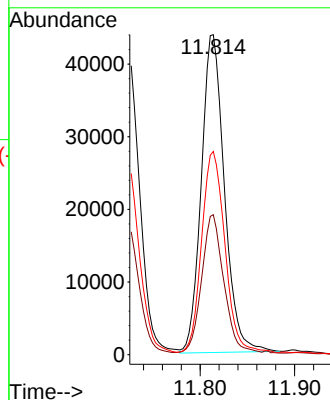
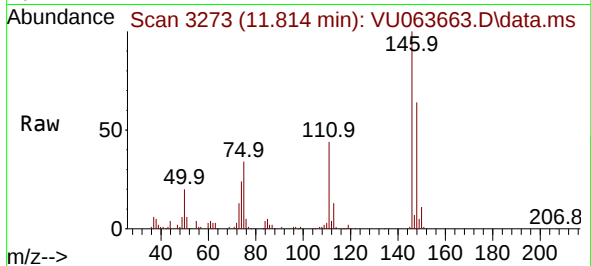




#83
1,4-Dichlorobenzene
Concen: 413.049 ug/l
RT: 11.814 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU063663.D
Acq: 31 Oct 2025 15:59

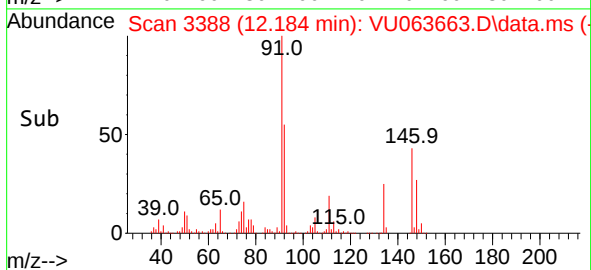
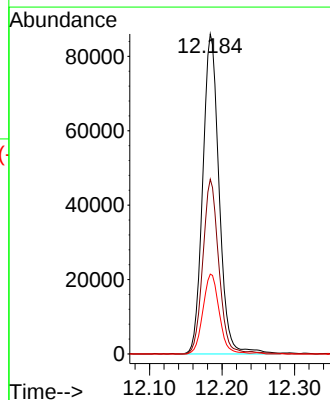
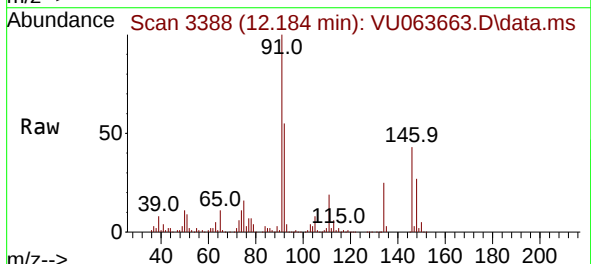
Instrument :
MSVOA_U
ClientSampleId :
VU1031WBS01

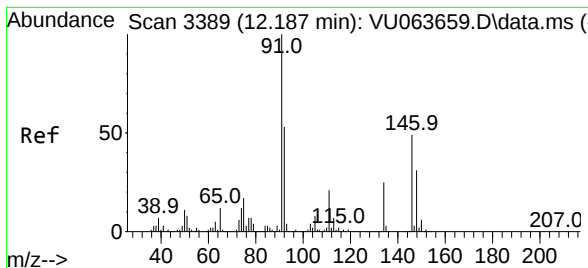
Tgt Ion:146 Resp: 74350
Ion Ratio Lower Upper
146 100
111 41.6 33.0 49.4
148 64.1 50.6 76.0



#84
n-Butylbenzene
Concen: 399.020 ug/l
RT: 12.184 min Scan# 3388
Delta R.T. 0.000 min
Lab File: VU063663.D
Acq: 31 Oct 2025 15:59

Tgt Ion: 91 Resp: 134970
Ion Ratio Lower Upper
91 100
92 52.7 43.1 64.7
134 24.8 19.7 29.5





#85

1,2-Dichlorobenzene

Concen: 412.590 ug/l

RT: 12.190 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU063663.D

Acq: 31 Oct 2025 15:59

Instrument :

MSVOA_U

ClientSampleId :

VU1031WBS01

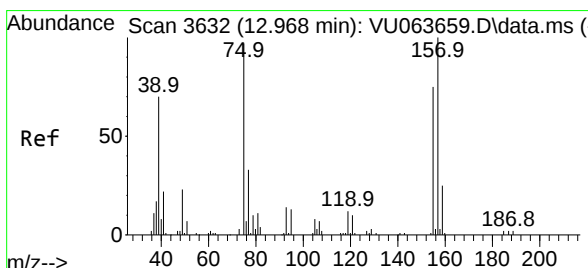
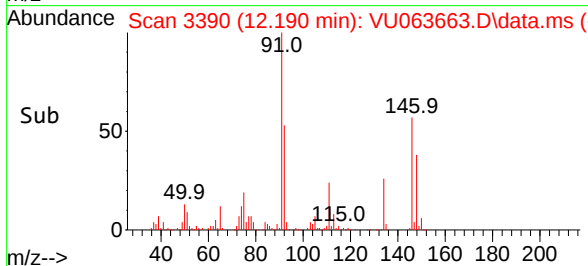
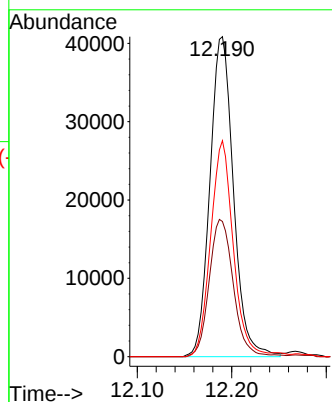
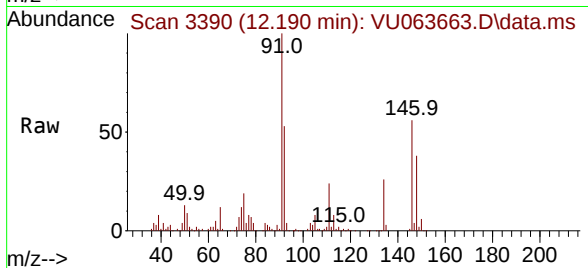
Tgt Ion:146 Resp: 70687

Ion Ratio Lower Upper

146 100

111 43.9 22.2 66.6

148 64.8 31.9 95.5



#86

1,2-Dibromo-3-Chloropropane

Concen: 384.810 ug/l

RT: 12.971 min Scan# 3633

Delta R.T. 0.003 min

Lab File: VU063663.D

Acq: 31 Oct 2025 15:59

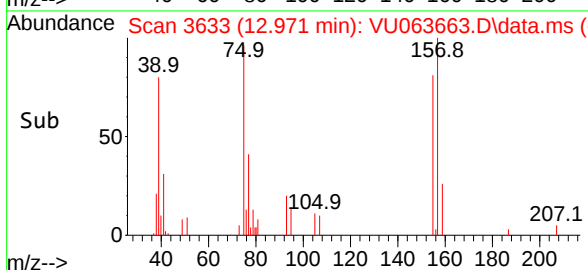
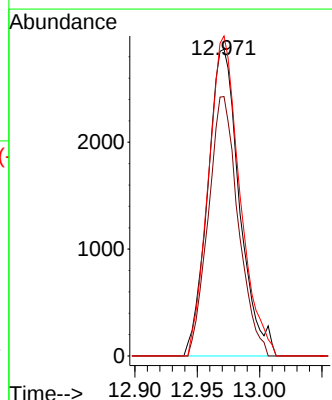
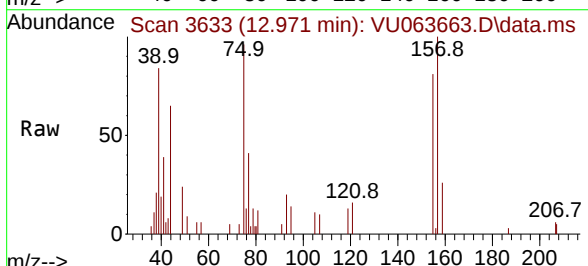
Tgt Ion: 75 Resp: 5094

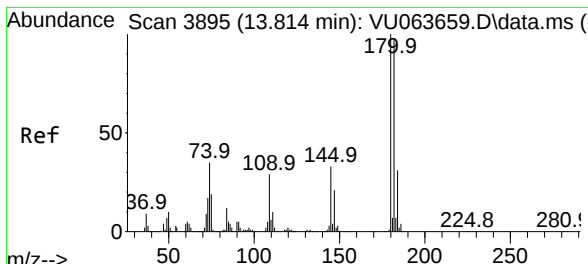
Ion Ratio Lower Upper

75 100

155 79.5 62.2 93.4

157 103.0 81.3 121.9

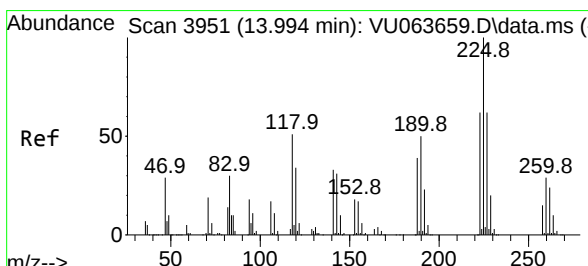
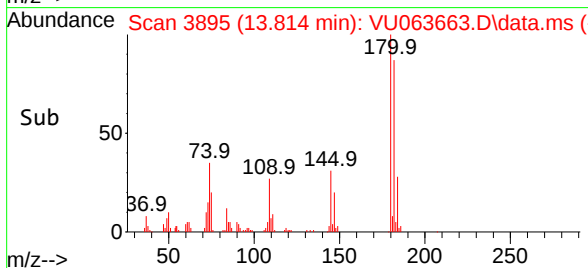
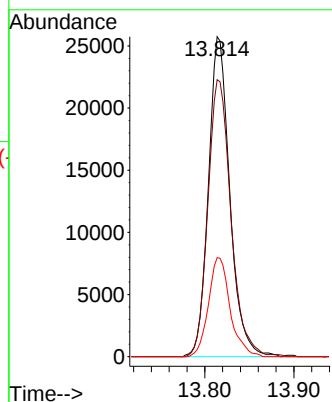
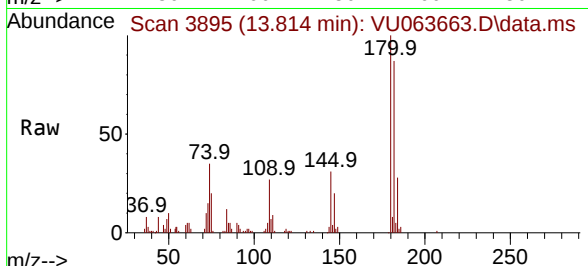




#87
1,2,4-Trichlorobenzene
Concen: 406.586 ug/l
RT: 13.814 min Scan# 3895
Delta R.T. 0.000 min
Lab File: VU063663.D
Acq: 31 Oct 2025 15:59

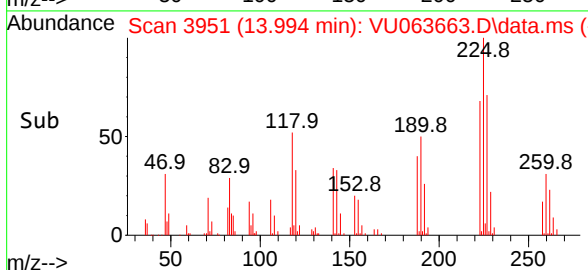
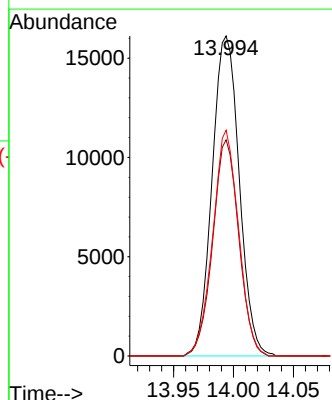
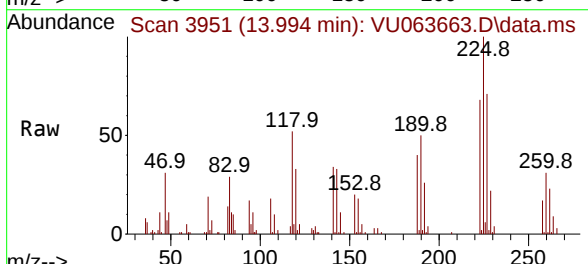
Instrument :
MSVOA_U
ClientSampleId :
VU1031WBS01

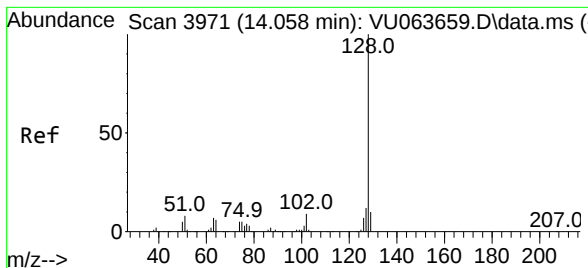
Tgt Ion:180 Resp: 42918
Ion Ratio Lower Upper
180 100
182 93.1 76.4 114.6
145 31.4 26.2 39.2



#88
Hexachlorobutadiene
Concen: 403.596 ug/l
RT: 13.994 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VU063663.D
Acq: 31 Oct 2025 15:59

Tgt Ion:225 Resp: 25361
Ion Ratio Lower Upper
225 100
223 64.8 50.2 75.4
227 67.3 50.0 75.0





#89

Naphthalene

Concen: 433.280 ug/l

RT: 14.065 min Scan# 3971

Delta R.T. 0.006 min

Lab File: VU063663.D

Acq: 31 Oct 2025 15:59

Instrument :

MSVOA_U

ClientSampleId :

VU1031WBS01

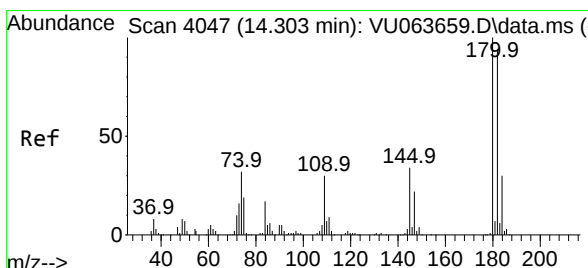
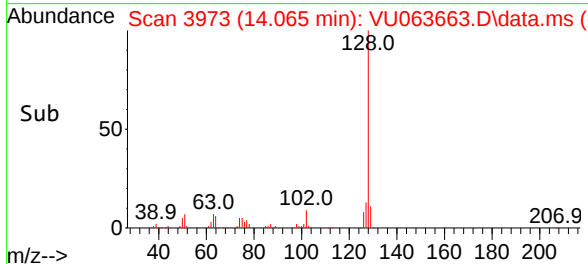
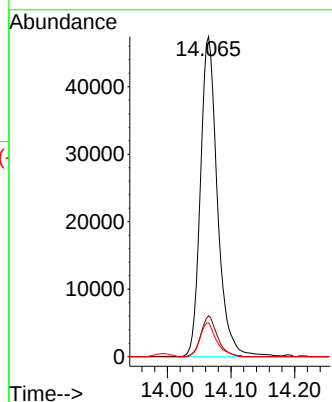
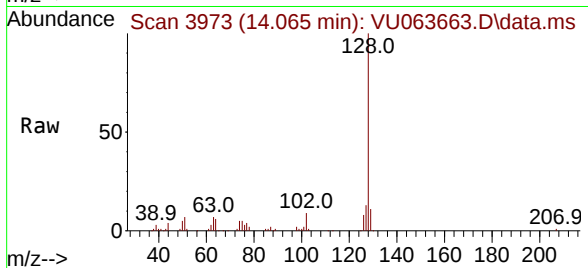
Tgt Ion:128 Resp: 87986

Ion Ratio Lower Upper

128 100

127 12.4 10.2 15.2

129 10.3 8.6 12.8



#90

1,2,3-Trichlorobenzene

Concen: 419.164 ug/l

RT: 14.303 min Scan# 4047

Delta R.T. 0.000 min

Lab File: VU063663.D

Acq: 31 Oct 2025 15:59

Tgt Ion:180 Resp: 40447

Ion Ratio Lower Upper

180 100

182 92.8 75.4 113.0

145 33.8 27.4 41.2

