

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091725\
 Data File : VU063602.D
 Acq On : 17 Sep 2025 11:58
 Operator : MD/SY
 Sample : VSTDICV005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV026

Quant Time: Sep 18 06:25:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 18 06:17:12 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	162648	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	149666	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	75416	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	38106	4.557	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.200%
7) Chloroethane-d5	1.898	69	37992	4.727	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.600%
11) 1,1-Dichloroethene-d2	2.550	65	17383	4.357	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.200%
20) 2-Butanone-d5	4.615	46	112816	46.886	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.780%
24) Chloroform-d	5.049	84	93136	4.661	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	5.689	65	48108	4.514	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
32) Benzene-d6	5.714	84	172598	4.802	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
36) 1,2-Dichloropropane-d6	6.679	67	54522	4.687	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.888	98	156056	4.839	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
43) trans-1,3-Dichloroprop...	8.174	79	14672	4.607	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.200%
46) 2-Hexanone-d5	8.624	63	80753	48.136	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.280%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	43033	4.589	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.800%
66) 1,2-Dichlorobenzene-d4	12.184	152	57015	4.866	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	61376	4.742	ug/L	99
3) Chloromethane	1.515	50	69023	4.817	ug/L	97
5) Vinyl chloride	1.596	62	73789	4.812	ug/L	97
6) Bromomethane	1.840	94	43937	4.849	ug/L	97
8) Chloroethane	1.920	64	46092	4.870	ug/L	99
9) Trichlorofluoromethane	2.126	101	98540	4.911	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.563	101	56103	4.943	ug/L	100
12) 1,1-Dichloroethene	2.563	96	50220	4.774	ug/L	93
13) Acetone	2.618	43	112100	53.042	ug/L	100
14) Carbon disulfide	2.779	76	132433	4.765	ug/L	100
15) Methyl Acetate	2.946	43	23003	4.805	ug/L	98
16) Methylene chloride	3.030	84	74159	6.023	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	126042	4.860	ug/L	99
18) trans-1,2-Dichloroethene	3.338	96	54683	5.030	ug/L	97
19) 1,1-Dichloroethane	3.853	63	109659	4.952	ug/L	100
21) 2-Butanone	4.692	43	151968	49.565	ug/L	99
22) cis-1,2-Dichloroethene	4.650	96	60042	4.856	ug/L	98
23) Bromochloromethane	4.962	128	27679	5.054	ug/L	97
25) Chloroform	5.071	83	110536	4.870	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091725\
 Data File : VU063602.D
 Acq On : 17 Sep 2025 11:58
 Operator : MD/SY
 Sample : VSTDICV005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

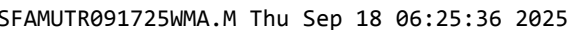
Instrument :
 MSVOA_U
 ClientSampleId :
 VICV026

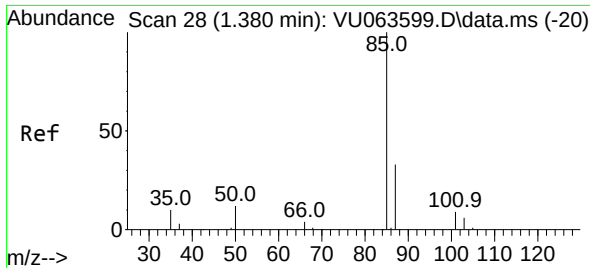
Quant Time: Sep 18 06:25:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 18 06:17:12 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	72749	4.836	ug/L	98
29) 1,1,1-Trichloroethane	5.300	97	86354	5.035	ug/L	98
30) Cyclohexane	5.370	56	101300	5.007	ug/L	100
31) Carbon tetrachloride	5.509	117	66081	4.921	ug/L	98
33) Benzene	5.759	78	239631	5.123	ug/L	100
34) Trichloroethene	6.531	95	66188	5.160	ug/L	96
35) Methylcyclohexane	6.750	83	93945	4.801	ug/L	97
37) 1,2-Dichloropropane	6.779	63	62224	4.911	ug/L	100
38) Bromodichloromethane	7.094	83	70117	5.174	ug/L	98
39) cis-1,3-Dichloropropene	7.595	75	74542	5.188	ug/L	98
40) 4-Methyl-2-pentanone	7.779	43	376143	51.868	ug/L	99
42) Toluene	7.959	91	256515	5.113	ug/L	98
44) trans-1,3-Dichloropropene	8.200	75	52094	4.935	ug/L	98
45) 1,1,2-Trichloroethane	8.389	97	44798	5.165	ug/L	99
47) Tetrachloroethene	8.544	164	49872	5.093	ug/L	98
48) 2-Hexanone	8.672	43	271260	53.322	ug/L	99
49) Dibromochloromethane	8.798	129	41016	5.172	ug/L	98
50) 1,2-Dibromoethane	8.914	107	39525	5.108	ug/L	97
51) Chlorobenzene	9.438	112	162654	5.007	ug/L	99
52) Ethylbenzene	9.560	91	279970	5.071	ug/L	99
53) m,p-Xylene	9.685	106	106763	5.154	ug/L	100
54) o-Xylene	10.090	106	105801	5.278	ug/L	96
55) Styrene	10.106	104	172199	5.237	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	51211	4.942	ug/L	95
59) Bromoform	10.280	173	20366	4.988	ug/L	97
60) Isopropylbenzene	10.473	105	282451	5.206	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	38530	5.155	ug/L	97
62) 1,3,5-Trimethylbenzene	11.081	105	234469	5.315	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	224010	5.318	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	126416	5.200	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	127249	5.184	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	116387	5.128	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	6171	5.346	ug/L	94
69) 1,3,5-Trichlorobenzene	13.212	180	91634	5.036	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	74724	5.321	ug/L	99
71) Naphthalene	14.081	128	117749	5.604	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	64939	5.387	ug/L	98

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

Quant Time: Sep 18 06:25:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091725WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 18 06:17:12 2025
Response via : Initial Calibration

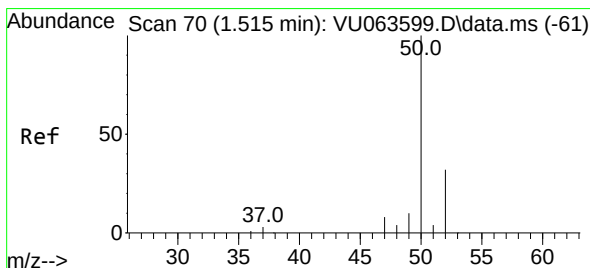
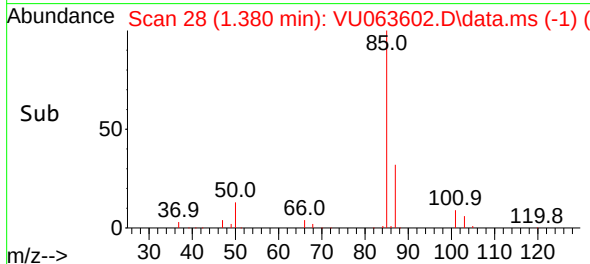
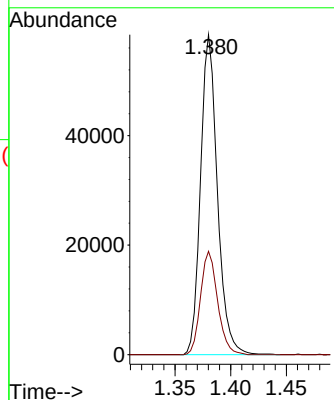
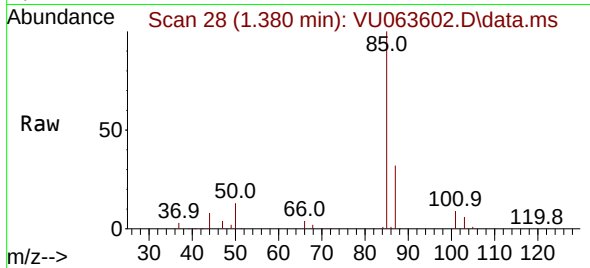




#2
 Dichlorodifluoromethane
 Concen: 4.742 ug/L
 RT: 1.380 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VU063602.D
 Acq: 17 Sep 2025 11:58

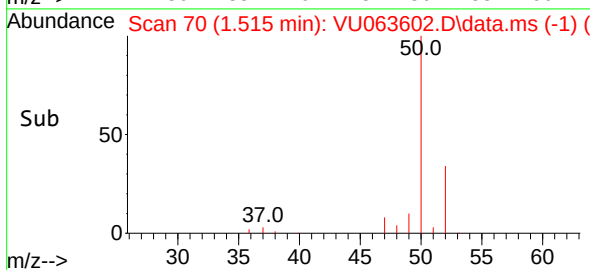
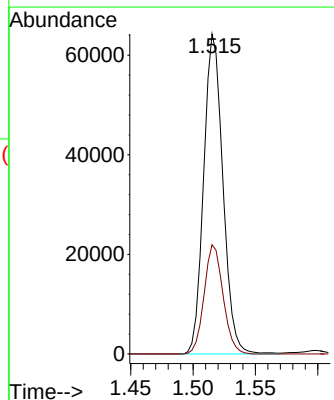
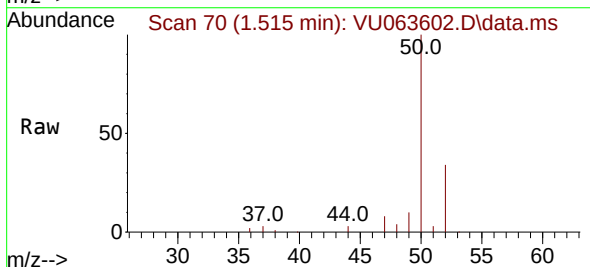
Instrument :
 MSVOA_U
 ClientSampleId :
 VICV026

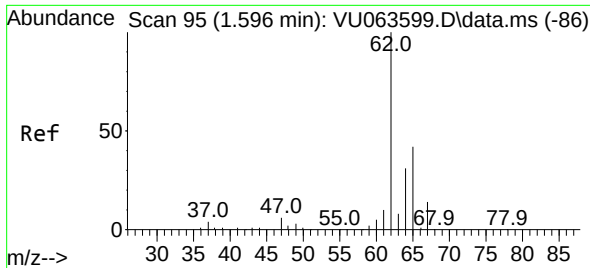
Tgt Ion: 85 Resp: 61376
 Ion Ratio Lower Upper
 85 100
 87 32.7 25.8 38.8



#3
 Chloromethane
 Concen: 4.817 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.003 min
 Lab File: VU063602.D
 Acq: 17 Sep 2025 11:58

Tgt Ion: 50 Resp: 69023
 Ion Ratio Lower Upper
 50 100
 52 34.2 22.6 42.0

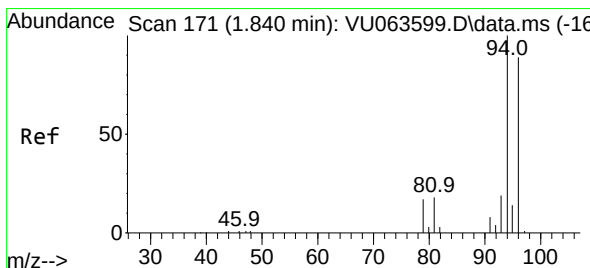
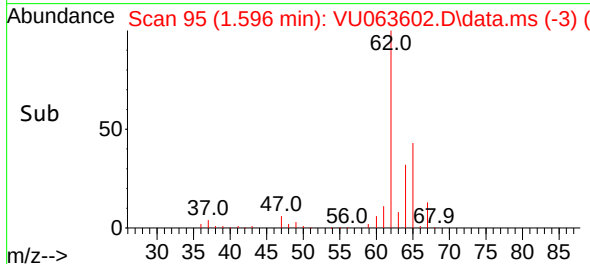
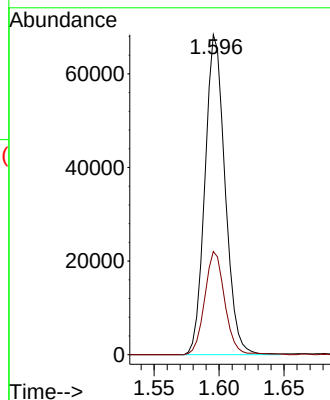
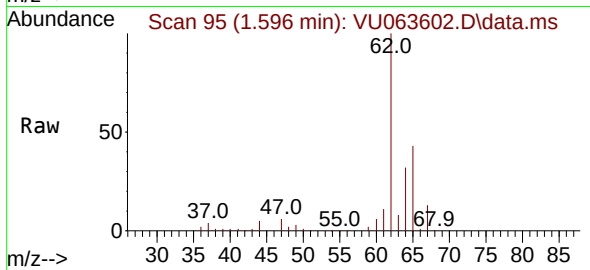




#5
 Vinyl chloride
 Concen: 4.812 ug/L
 RT: 1.596 min Scan# 91
 Delta R.T. -0.003 min
 Lab File: VU063602.D
 Acq: 17 Sep 2025 11:58

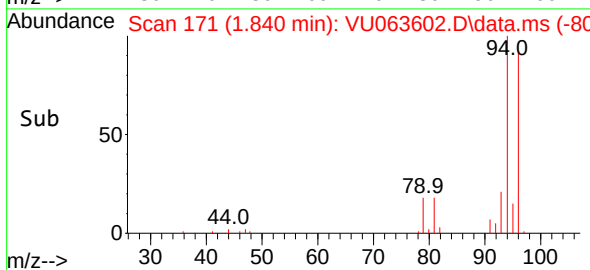
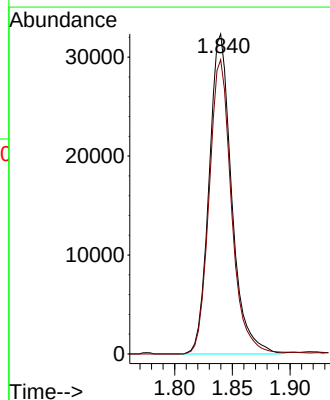
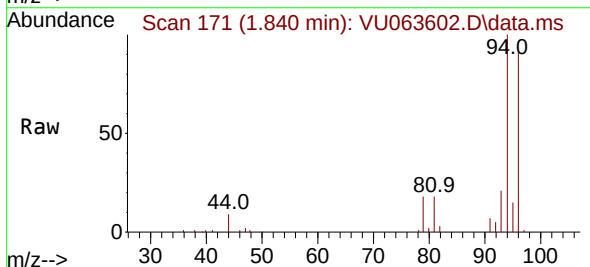
Instrument :
 MSVOA_U
 ClientSampleId :
 VICV026

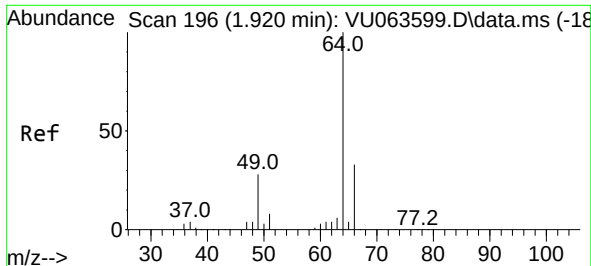
Tgt Ion: 62 Resp: 73789
 Ion Ratio Lower Upper
 62 100
 64 32.2 21.5 39.9



#6
 Bromomethane
 Concen: 4.849 ug/L
 RT: 1.840 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VU063602.D
 Acq: 17 Sep 2025 11:58

Tgt Ion: 94 Resp: 43937
 Ion Ratio Lower Upper
 94 100
 96 91.9 62.4 116.0

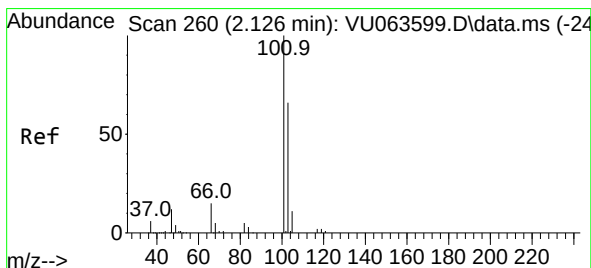
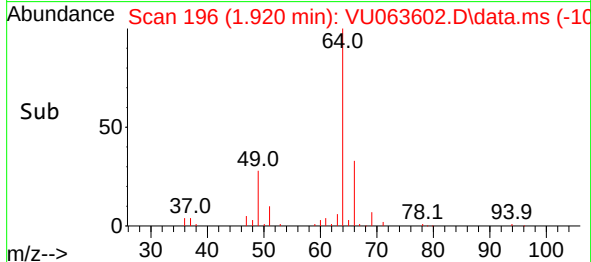
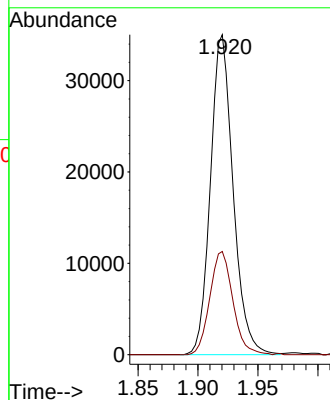
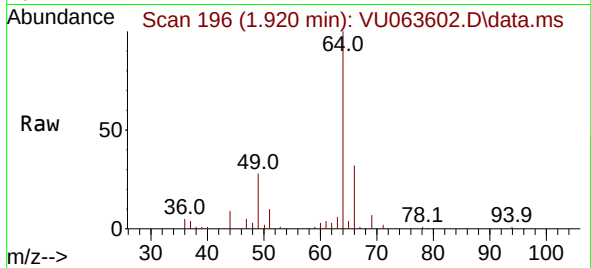




#8
Chloroethane
Concen: 4.870 ug/L
RT: 1.920 min Scan# 196
Delta R.T. -0.003 min
Lab File: VU063602.D
Acq: 17 Sep 2025 11:58

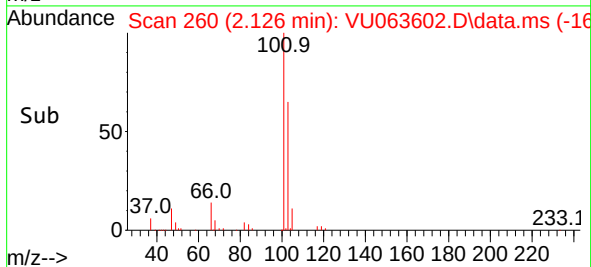
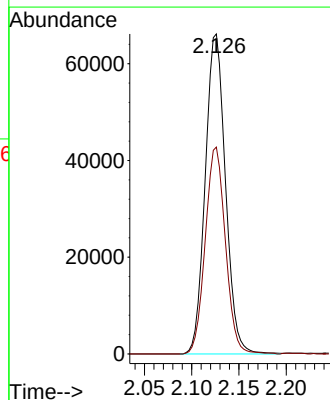
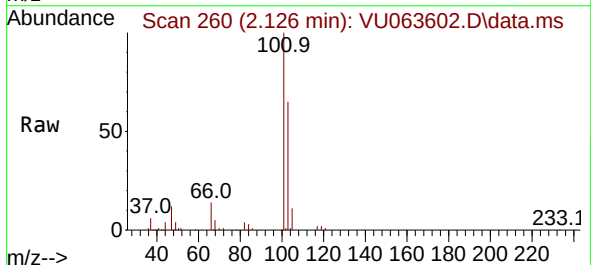
Instrument :
MSVOA_U
ClientSampleId :
VICV026

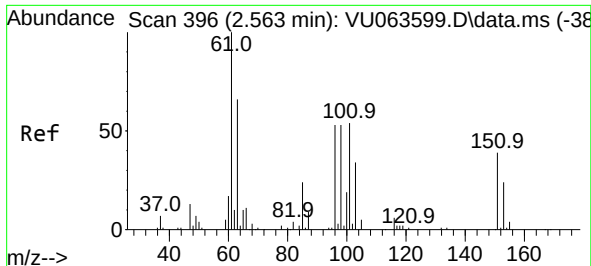
Tgt Ion: 64 Resp: 46092
Ion Ratio Lower Upper
64 100
66 32.3 23.0 42.8



#9
Trichlorofluoromethane
Concen: 4.911 ug/L
RT: 2.126 min Scan# 260
Delta R.T. -0.003 min
Lab File: VU063602.D
Acq: 17 Sep 2025 11:58

Tgt Ion:101 Resp: 98540
Ion Ratio Lower Upper
101 100
103 64.4 52.8 79.2

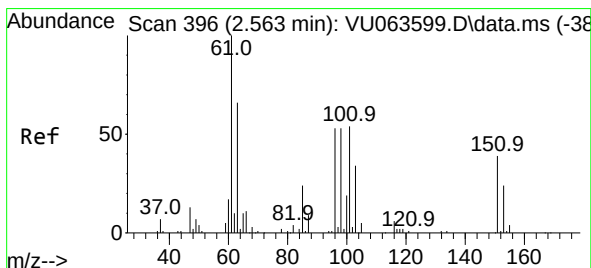
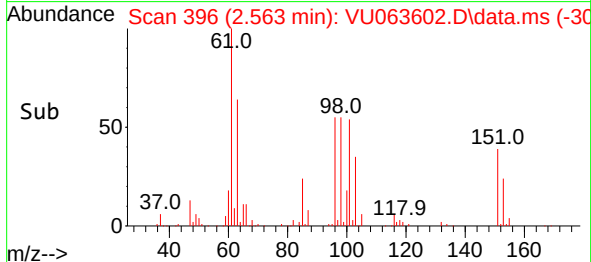
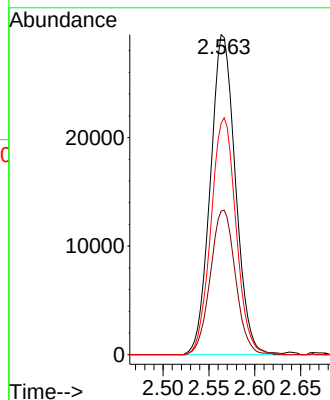
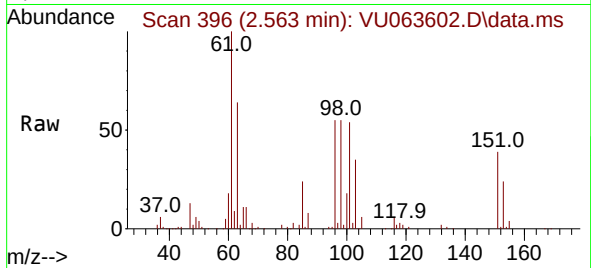




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.943 ug/L
 RT: 2.563 min Scan# 396
 Delta R.T. -0.006 min
 Lab File: VU063602.D
 Acq: 17 Sep 2025 11:58

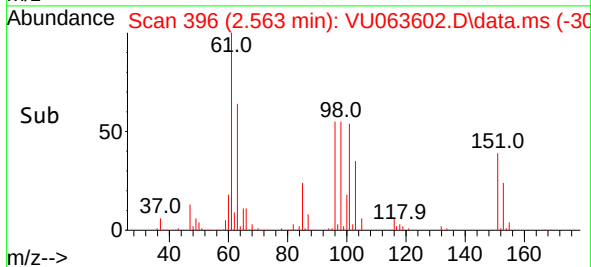
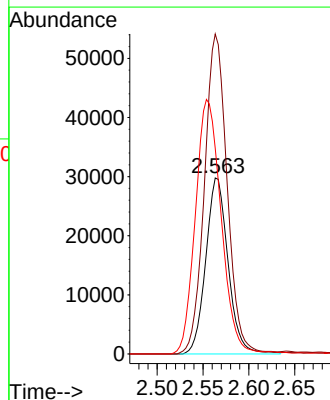
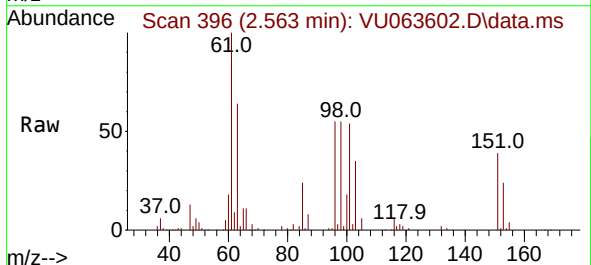
Instrument :
 MSVOA_U
 ClientSampleId :
 VICV026

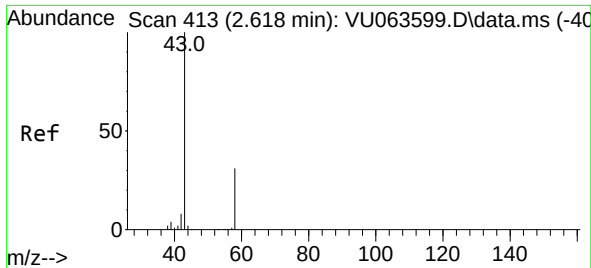
Tgt Ion:101 Resp: 56103
 Ion Ratio Lower Upper
 101 100
 85 45.2 36.4 54.6
 151 74.0 59.2 88.8



#12
 1,1-Dichloroethene
 Concen: 4.774 ug/L
 RT: 2.563 min Scan# 396
 Delta R.T. -0.006 min
 Lab File: VU063602.D
 Acq: 17 Sep 2025 11:58

Tgt Ion: 96 Resp: 50220
 Ion Ratio Lower Upper
 96 100
 61 181.8 132.4 245.8
 63 116.8 89.0 165.4





#13

Acetone

Concen: 53.042 ug/L

RT: 2.618 min Scan# 413

Delta R.T. 0.003 min

Lab File: VU063602.D

Acq: 17 Sep 2025 11:58

Instrument :

MSVOA_U

ClientSampleId :

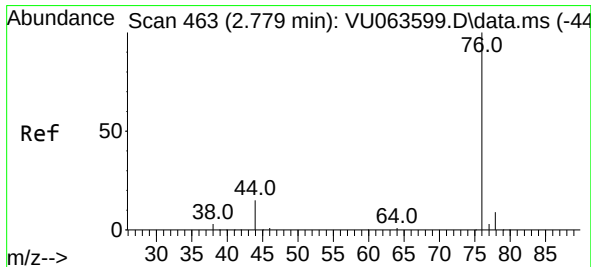
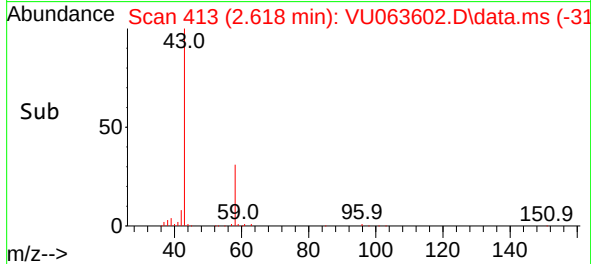
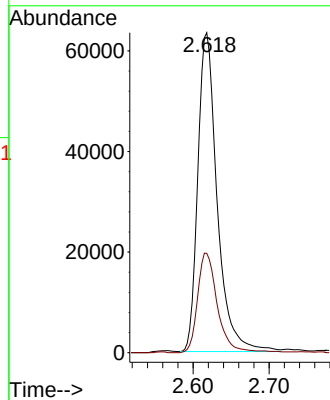
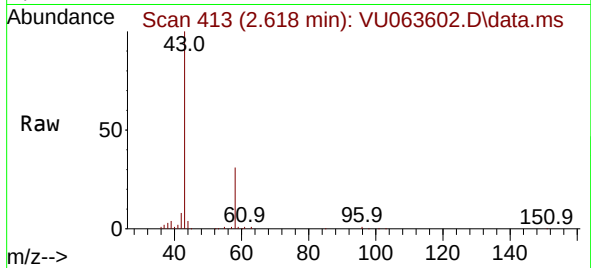
VICV026

Tgt Ion: 43 Resp: 112100

Ion Ratio Lower Upper

43 100

58 31.7 0.0 63.6



#14

Carbon disulfide

Concen: 4.765 ug/L

RT: 2.779 min Scan# 463

Delta R.T. -0.003 min

Lab File: VU063602.D

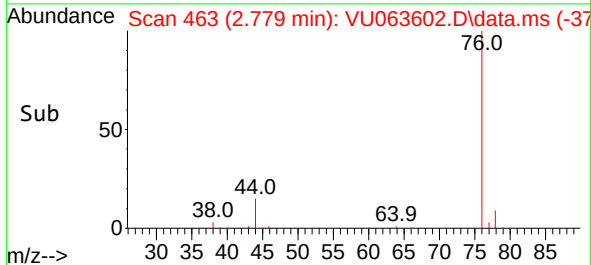
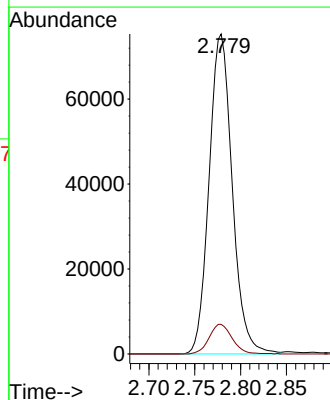
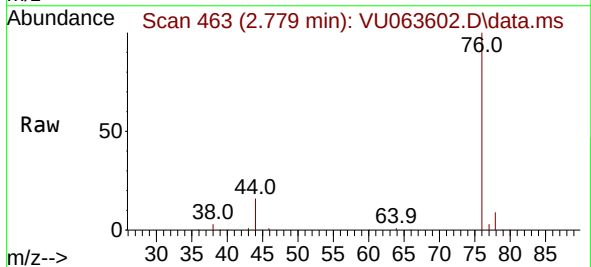
Acq: 17 Sep 2025 11:58

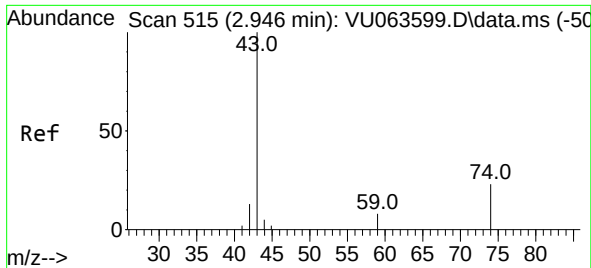
Tgt Ion: 76 Resp: 132433

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0

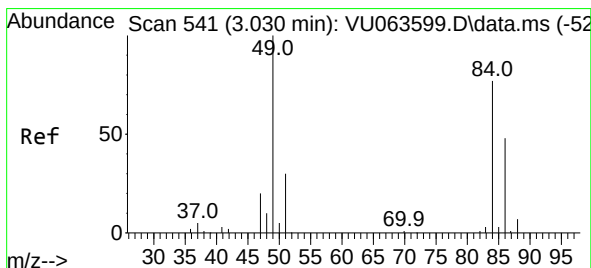
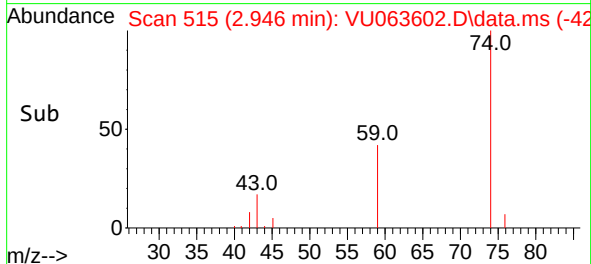
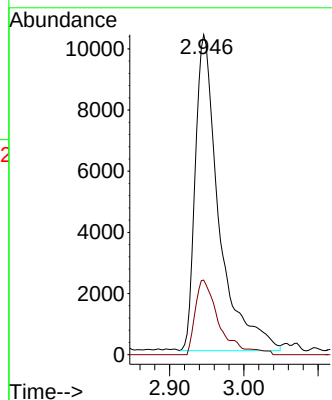
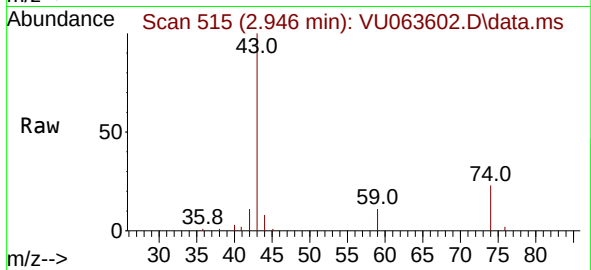




#15
Methyl Acetate
Concen: 4.805 ug/L
RT: 2.946 min Scan# 515
Delta R.T. 0.003 min
Lab File: VU063602.D
Acq: 17 Sep 2025 11:58

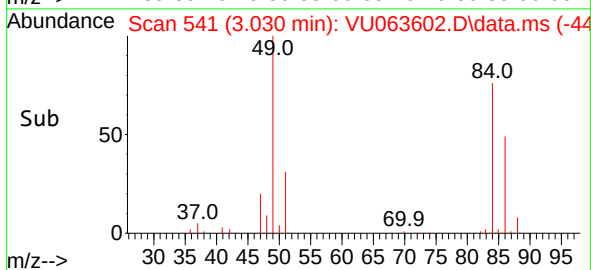
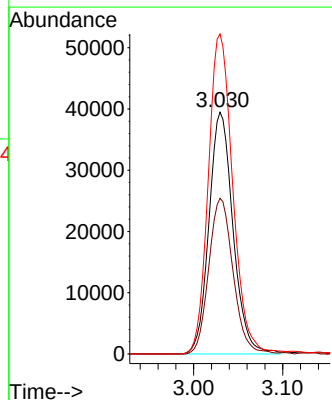
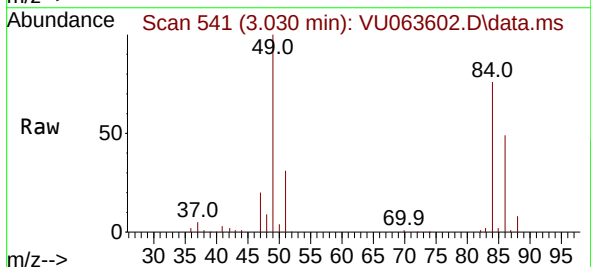
Instrument :
MSVOA_U
ClientSampleId :
VICV026

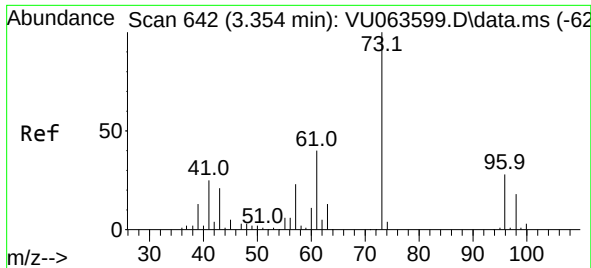
Tgt Ion: 43 Resp: 23003
Ion Ratio Lower Upper
43 100
74 23.8 18.2 27.2



#16
Methylene chloride
Concen: 6.023 ug/L
RT: 3.030 min Scan# 541
Delta R.T. -0.003 min
Lab File: VU063602.D
Acq: 17 Sep 2025 11:58

Tgt Ion: 84 Resp: 74159
Ion Ratio Lower Upper
84 100
86 64.4 43.1 80.1
49 132.3 90.6 168.2

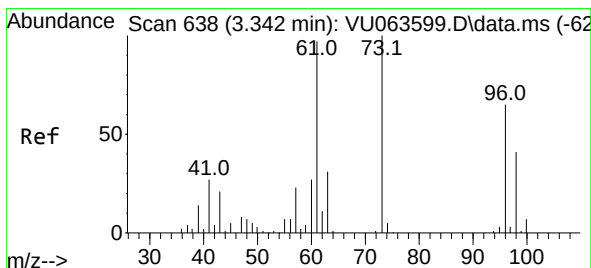
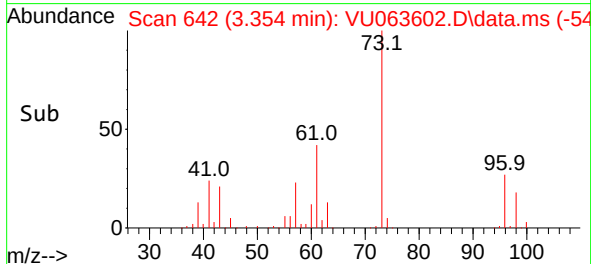
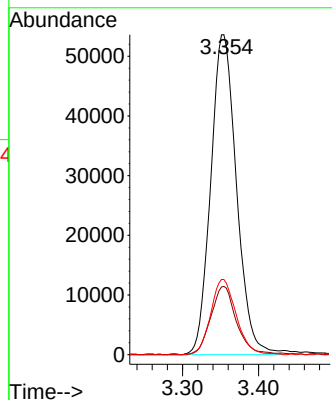
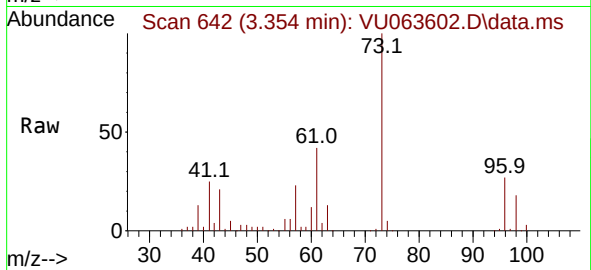




#17
Methyl tert-butyl Ether
Concen: 4.860 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.003 min
Lab File: VU063602.D
Acq: 17 Sep 2025 11:58

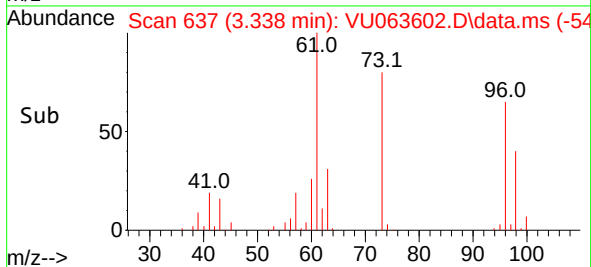
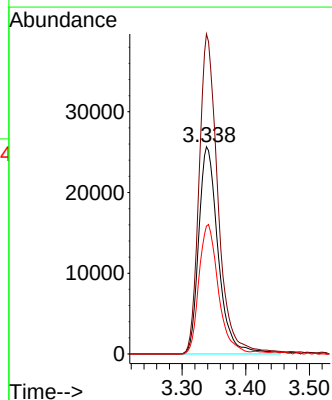
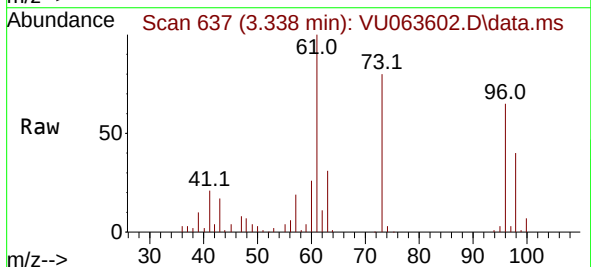
Instrument :
MSVOA_U
ClientSampleId :
VICV026

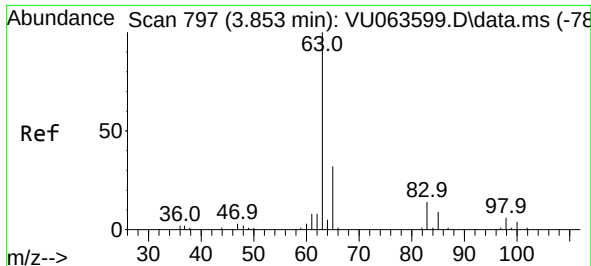
Tgt Ion: 73 Resp: 126042
Ion Ratio Lower Upper
73 100
43 21.3 17.0 25.4
57 23.3 18.2 27.2



#18
trans-1,2-Dichloroethene
Concen: 5.030 ug/L
RT: 3.338 min Scan# 637
Delta R.T. -0.003 min
Lab File: VU063602.D
Acq: 17 Sep 2025 11:58

Tgt Ion: 96 Resp: 54683
Ion Ratio Lower Upper
96 100
61 154.4 104.9 194.7
98 61.7 44.3 82.3





#19

1,1-Dichloroethane

Concen: 4.952 ug/L

RT: 3.853 min Scan# 79

Delta R.T. -0.003 min

Lab File: VU063602.D

Acq: 17 Sep 2025 11:58

Instrument :

MSVOA_U

ClientSampleId :

VICV026

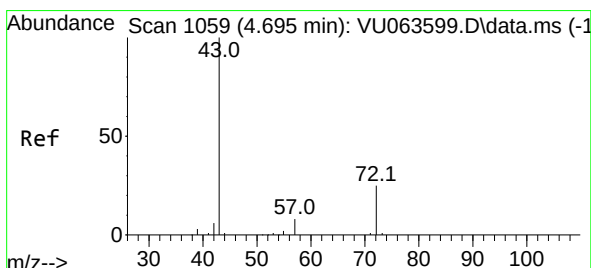
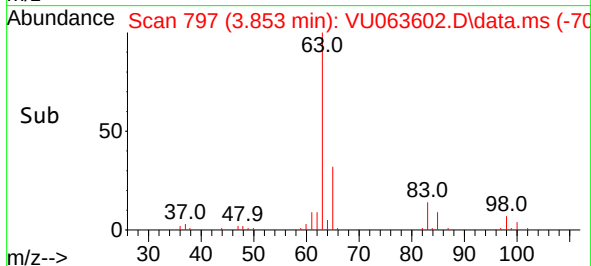
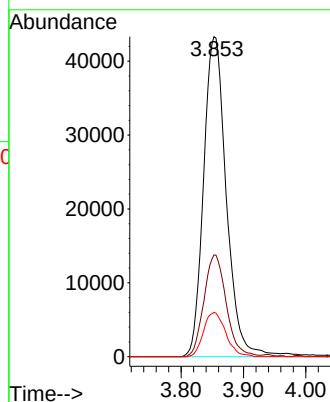
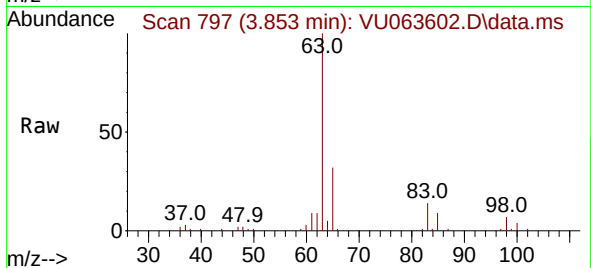
Tgt Ion: 63 Resp: 109659

Ion Ratio Lower Upper

63 100

65 31.8 22.1 41.1

83 13.8 9.7 17.9



#21

2-Butanone

Concen: 49.565 ug/L

RT: 4.692 min Scan# 1058

Delta R.T. 0.003 min

Lab File: VU063602.D

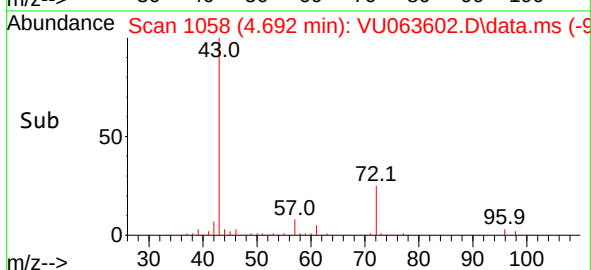
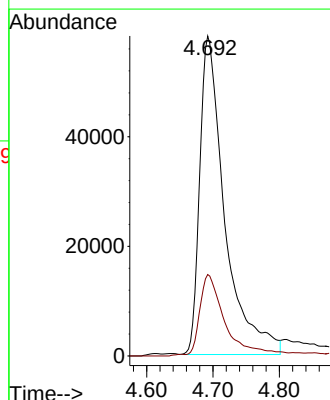
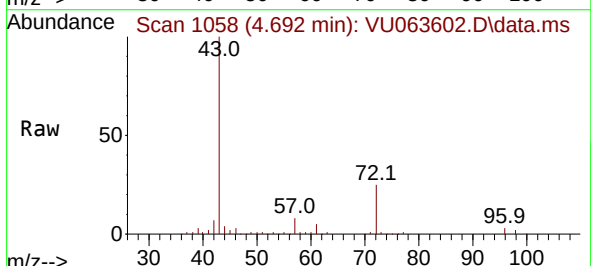
Acq: 17 Sep 2025 11:58

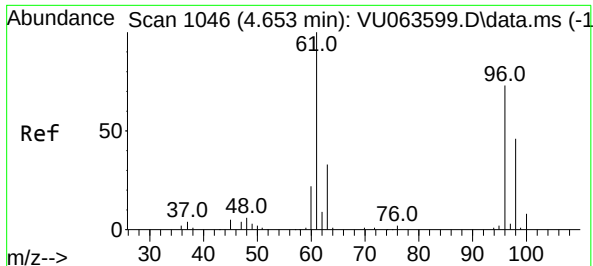
Tgt Ion: 43 Resp: 151968

Ion Ratio Lower Upper

43 100

72 24.3 11.9 35.7

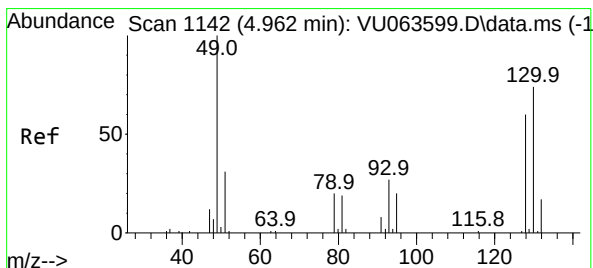
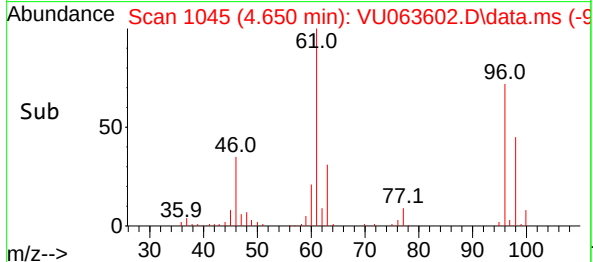
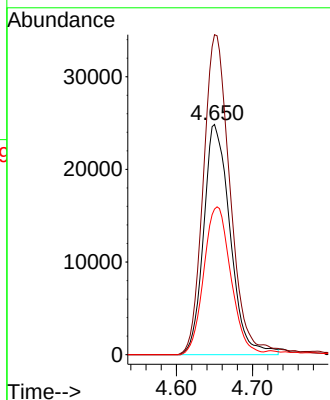
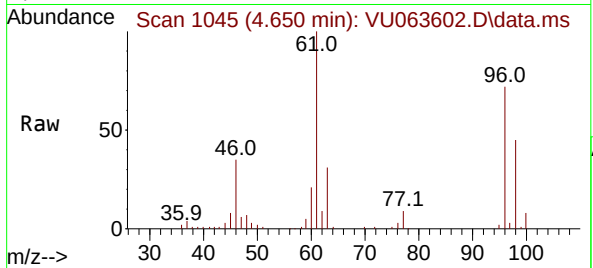




#22
 cis-1,2-Dichloroethene
 Concen: 4.856 ug/L
 RT: 4.650 min Scan# 1046
 Delta R.T. -0.006 min
 Lab File: VU063602.D
 Acq: 17 Sep 2025 11:58

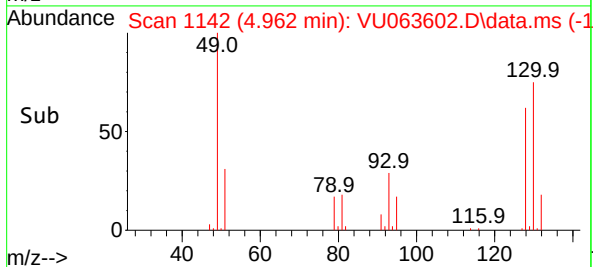
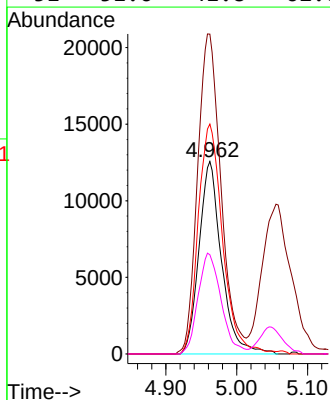
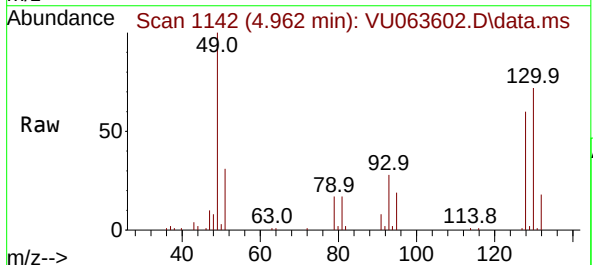
Instrument :
 MSVOA_U
 ClientSampleId :
 VICV026

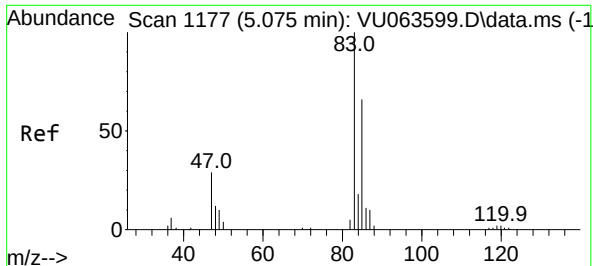
Tgt Ion:	96	Resp:	60042
Ion	Ratio	Lower	Upper
96	100		
61	139.0	95.8	177.8
98	63.2	43.5	80.9



#23
 Bromochloromethane
 Concen: 5.054 ug/L
 RT: 4.962 min Scan# 1142
 Delta R.T. -0.003 min
 Lab File: VU063602.D
 Acq: 17 Sep 2025 11:58

Tgt Ion:	128	Resp:	27679
Ion	Ratio	Lower	Upper
128	100		
49	166.2	118.4	219.8
130	119.5	87.6	162.6
51	51.6	41.8	62.6





#25

Chloroform

Concen: 4.870 ug/L

RT: 5.071 min Scan# 1177

Delta R.T. -0.003 min

Lab File: VU063602.D

Acq: 17 Sep 2025 11:58

Instrument :

MSVOA_U

ClientSampleId :

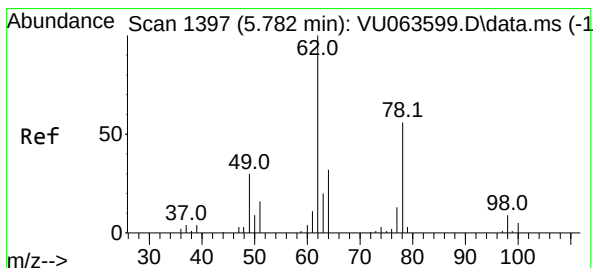
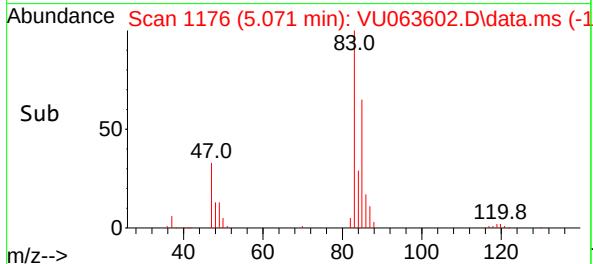
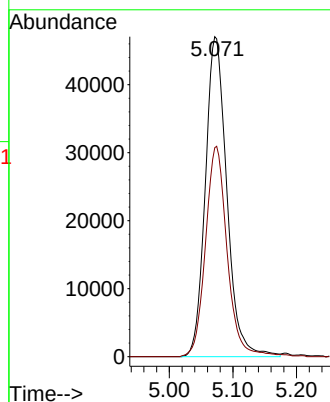
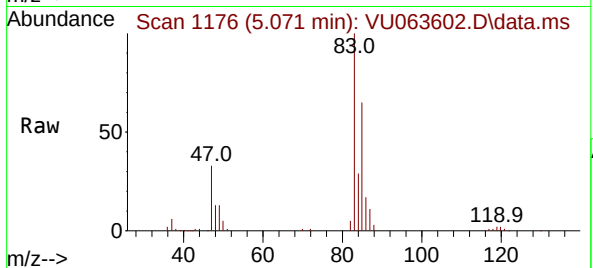
VICV026

Tgt Ion: 83 Resp: 110536

Ion Ratio Lower Upper

83 100

85 65.3 46.1 85.5



#27

1,2-Dichloroethane

Concen: 4.836 ug/L

RT: 5.782 min Scan# 1397

Delta R.T. 0.000 min

Lab File: VU063602.D

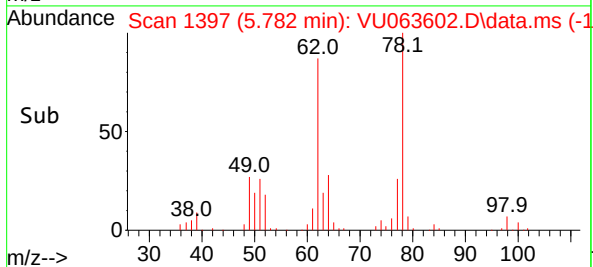
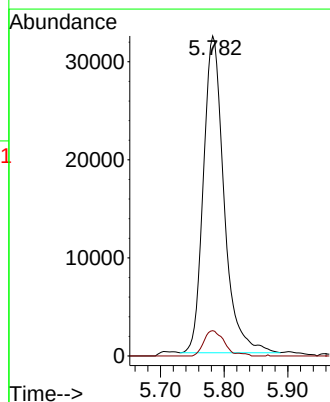
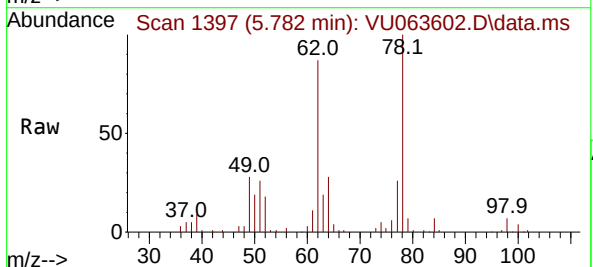
Acq: 17 Sep 2025 11:58

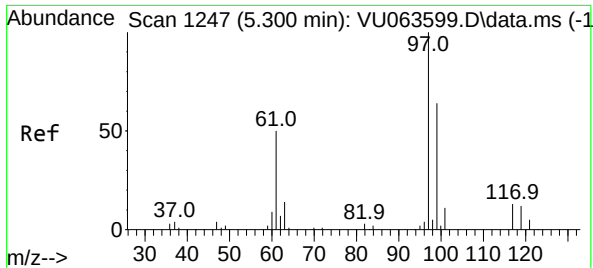
Tgt Ion: 62 Resp: 72749

Ion Ratio Lower Upper

62 100

98 7.9 7.0 10.4

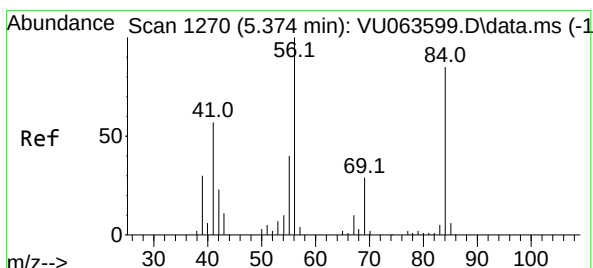
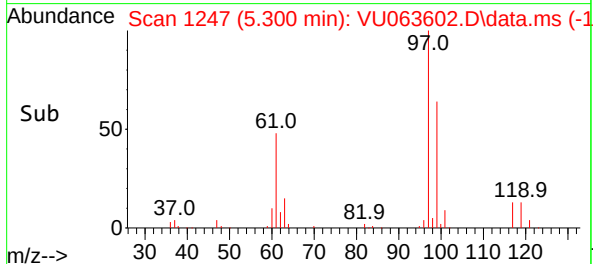
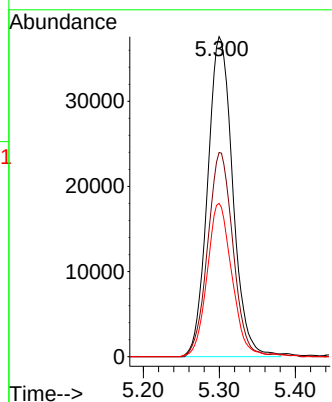
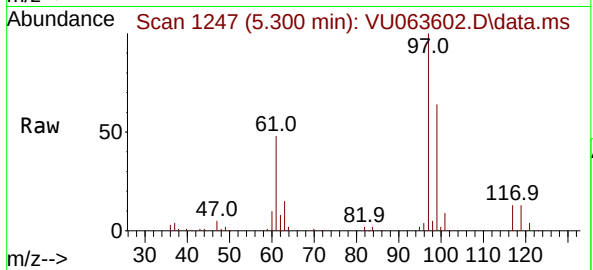




#29
1,1,1-Trichloroethane
Concen: 5.035 ug/L
RT: 5.300 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU063602.D
Acq: 17 Sep 2025 11:58

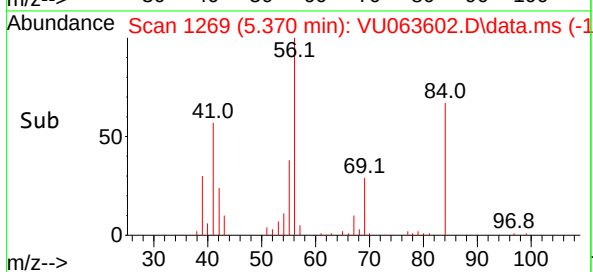
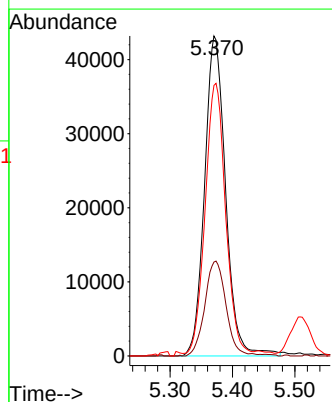
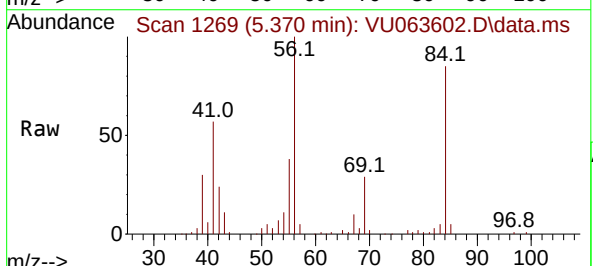
Instrument :
MSVOA_U
ClientSampleId :
VICV026

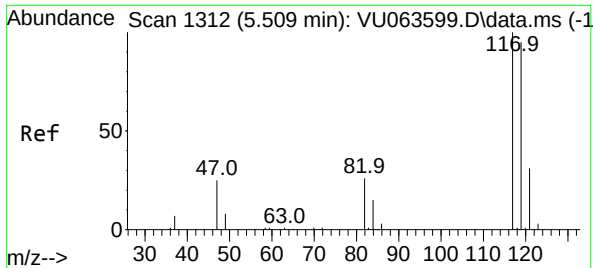
Tgt Ion:	97	Resp:	86354
Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.0	76.6
61	47.1	39.9	59.9



#30
Cyclohexane
Concen: 5.007 ug/L
RT: 5.370 min Scan# 1269
Delta R.T. -0.006 min
Lab File: VU063602.D
Acq: 17 Sep 2025 11:58

Tgt Ion:	56	Resp:	101300
Ion	Ratio	Lower	Upper
56	100		
69	29.9	23.2	34.8
84	81.2	65.0	97.4

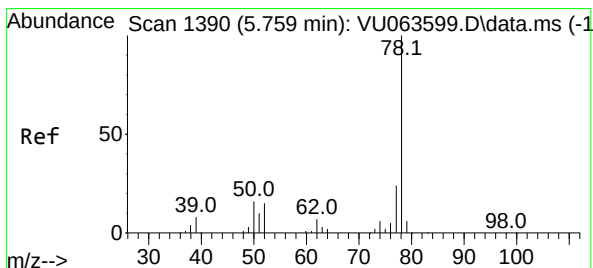
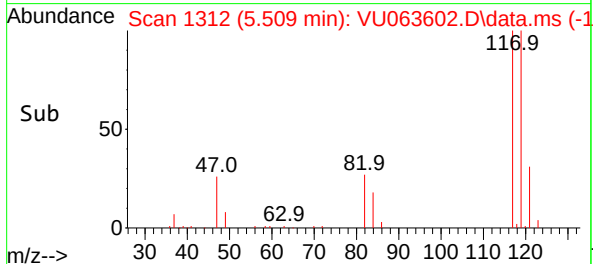
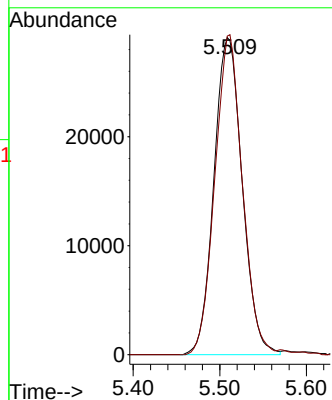
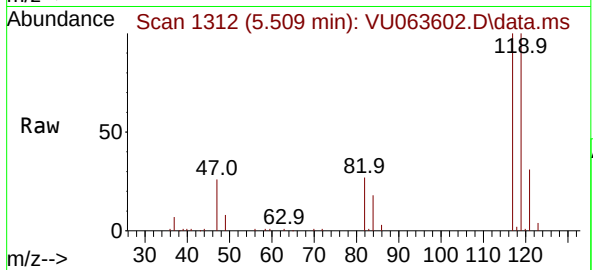




#31
Carbon tetrachloride
Concen: 4.921 ug/L
RT: 5.509 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU063602.D
Acq: 17 Sep 2025 11:58

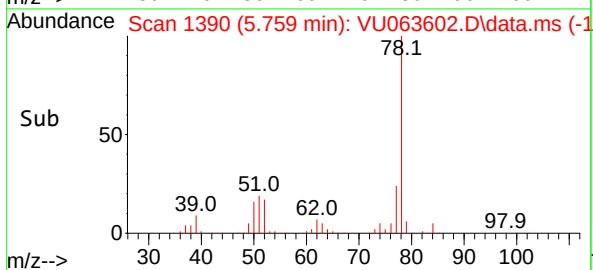
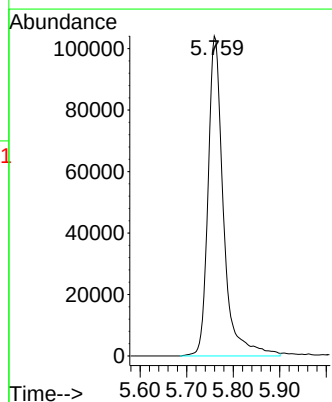
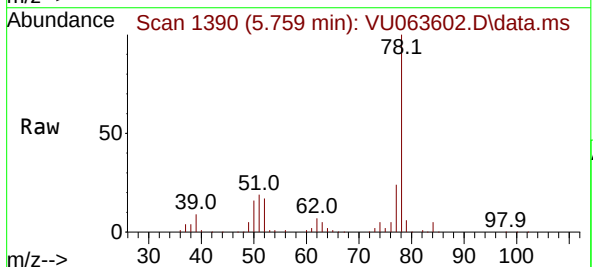
Instrument :
MSVOA_U
ClientSampleId :
VICV026

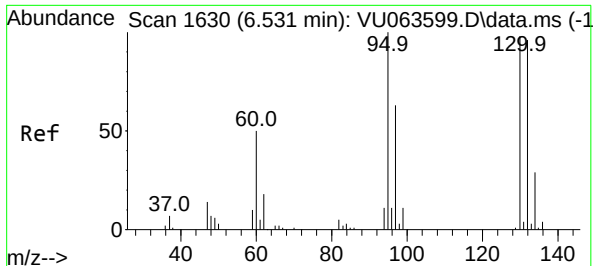
Tgt Ion:117 Resp: 66081
Ion Ratio Lower Upper
117 100
119 97.9 76.8 115.2



#33
Benzene
Concen: 5.123 ug/L
RT: 5.759 min Scan# 1390
Delta R.T. -0.003 min
Lab File: VU063602.D
Acq: 17 Sep 2025 11:58

Tgt Ion: 78 Resp: 239631

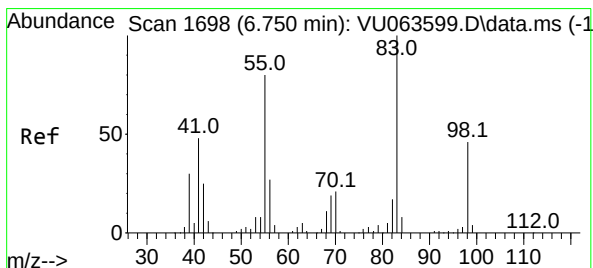
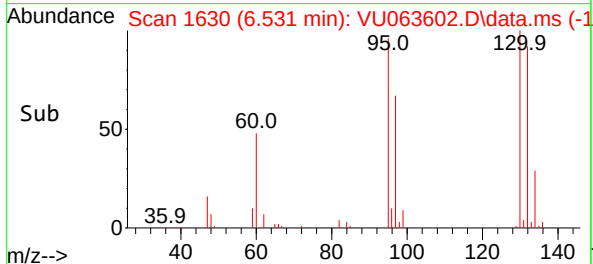
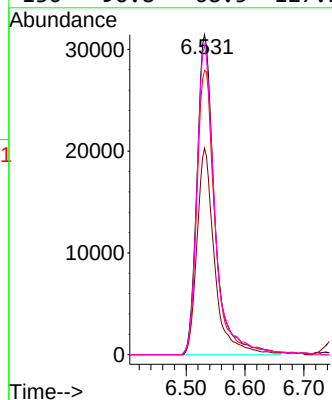
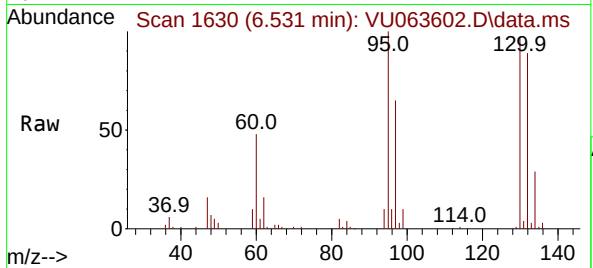




#34
Trichloroethene
Concen: 5.160 ug/L
RT: 6.531 min Scan# 1630
Delta R.T. -0.003 min
Lab File: VU063602.D
Acq: 17 Sep 2025 11:58

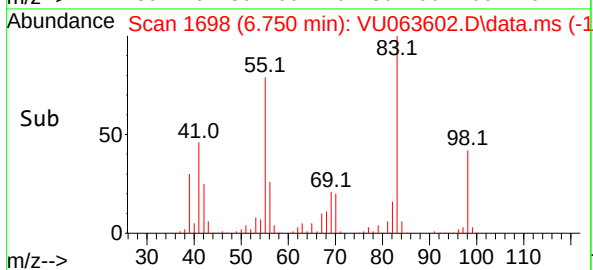
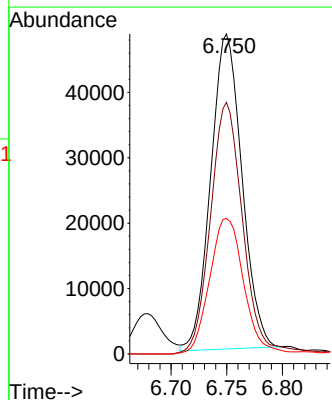
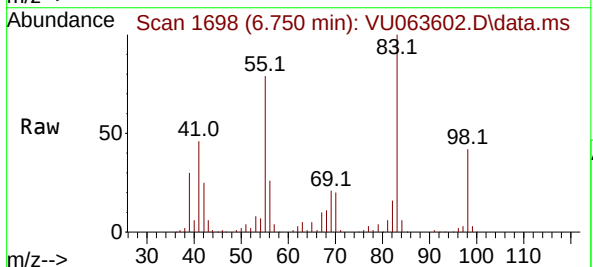
Instrument :
MSVOA_U
ClientSampleId :
VICV026

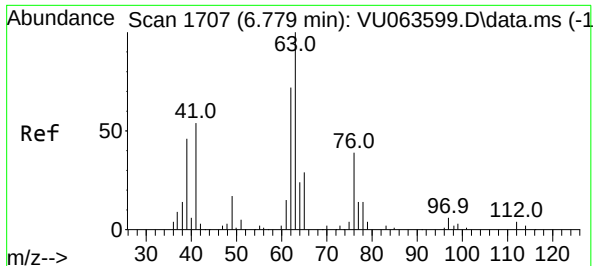
Tgt Ion: 95 Resp: 66188
Ion Ratio Lower Upper
95 100
97 64.5 44.0 81.6
132 88.9 67.1 124.5
130 96.8 68.5 127.1



#35
Methylcyclohexane
Concen: 4.801 ug/L
RT: 6.750 min Scan# 1698
Delta R.T. -0.003 min
Lab File: VU063602.D
Acq: 17 Sep 2025 11:58

Tgt Ion: 83 Resp: 93945
Ion Ratio Lower Upper
83 100
55 82.9 63.9 95.9
98 47.0 36.2 54.2





#37

1,2-Dichloropropane

Concen: 4.911 ug/L

RT: 6.779 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU063602.D

Acq: 17 Sep 2025 11:58

Instrument :

MSVOA_U

ClientSampleId :

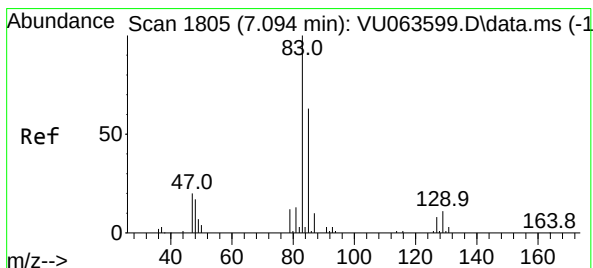
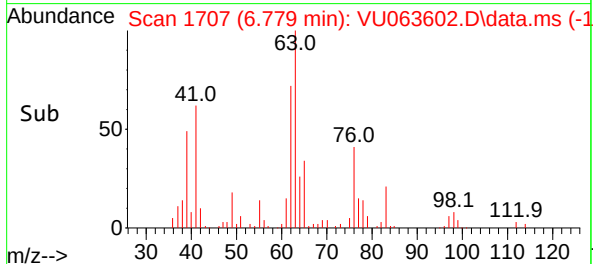
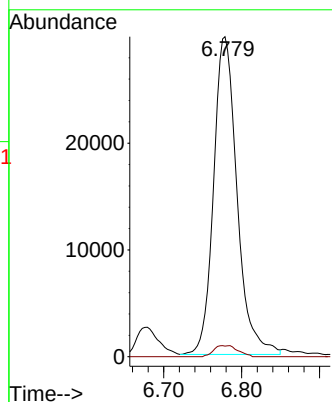
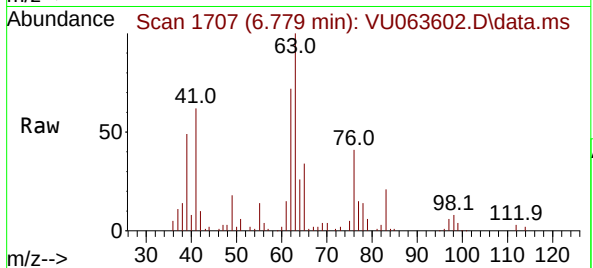
VICV026

Tgt Ion: 63 Resp: 62224

Ion Ratio Lower Upper

63 100

112 3.6 2.8 4.2



#38

Bromodichloromethane

Concen: 5.174 ug/L

RT: 7.094 min Scan# 1805

Delta R.T. -0.003 min

Lab File: VU063602.D

Acq: 17 Sep 2025 11:58

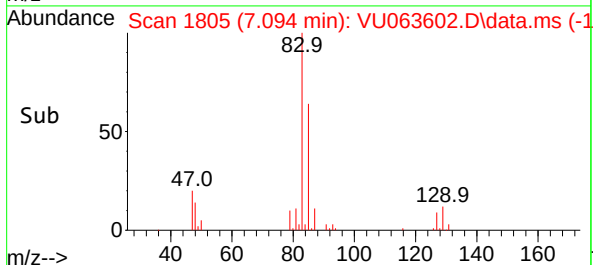
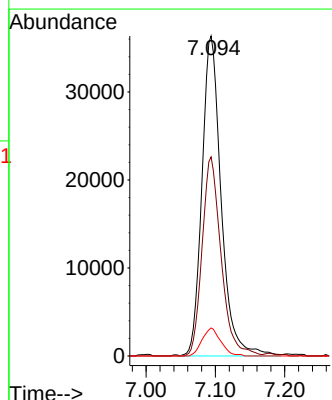
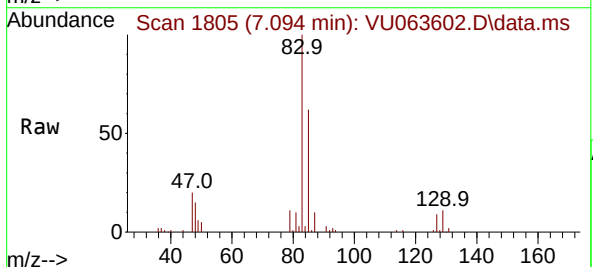
Tgt Ion: 83 Resp: 70117

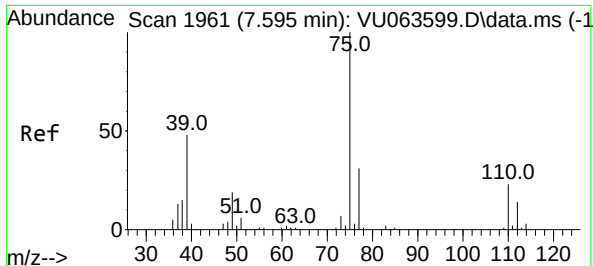
Ion Ratio Lower Upper

83 100

85 62.2 44.4 82.4

127 8.7 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 5.188 ug/L

RT: 7.595 min Scan# 1961

Delta R.T. -0.003 min

Lab File: VU063602.D

Acq: 17 Sep 2025 11:58

Instrument :

MSVOA_U

ClientSampleId :

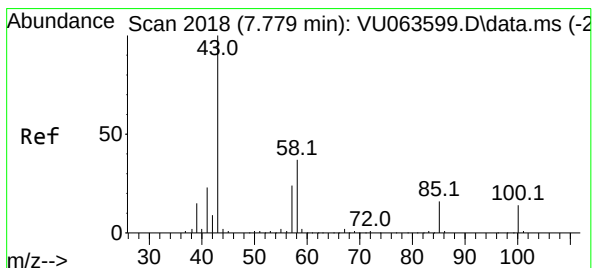
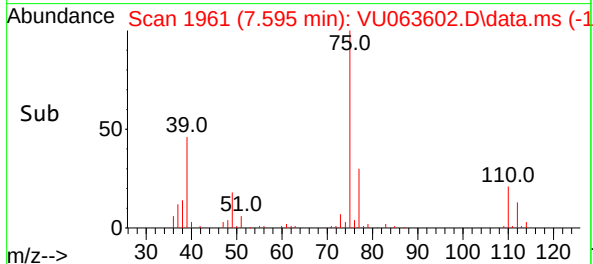
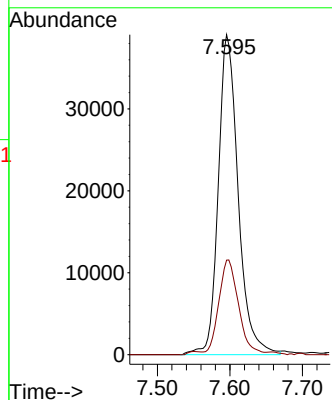
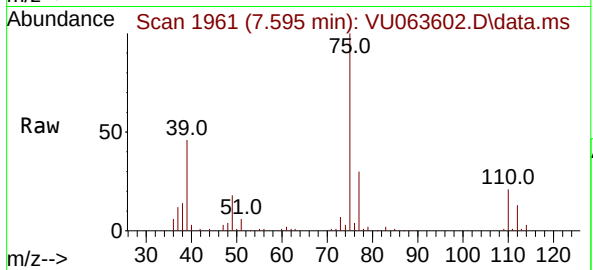
VICV026

Tgt Ion: 75 Resp: 74542

Ion Ratio Lower Upper

75 100

77 29.5 21.6 40.0



#40

4-Methyl-2-pentanone

Concen: 51.868 ug/L

RT: 7.779 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VU063602.D

Acq: 17 Sep 2025 11:58

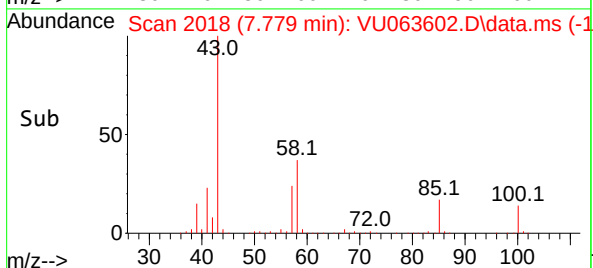
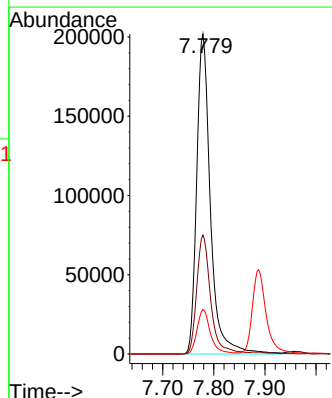
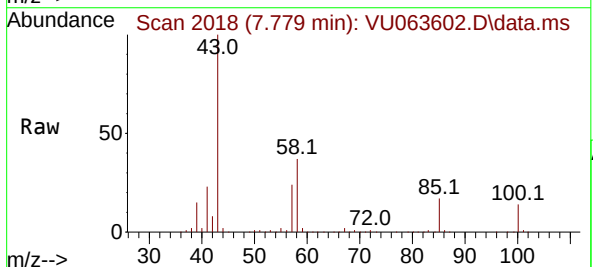
Tgt Ion: 43 Resp: 376143

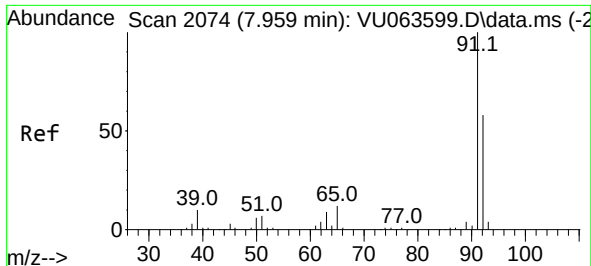
Ion Ratio Lower Upper

43 100

58 37.6 29.6 44.4

100 13.6 10.6 16.0





#42

Toluene

Concen: 5.113 ug/L

RT: 7.959 min Scan# 2074

Delta R.T. -0.003 min

Lab File: VU063602.D

Acq: 17 Sep 2025 11:58

Instrument :

MSVOA_U

ClientSampleId :

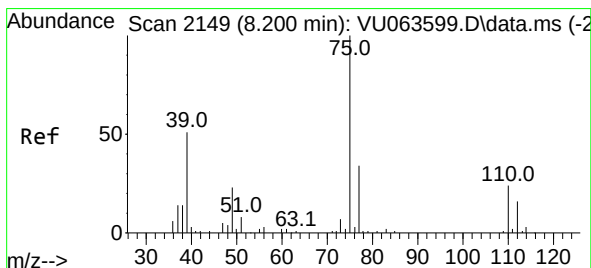
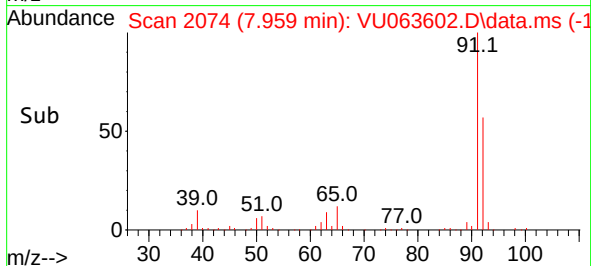
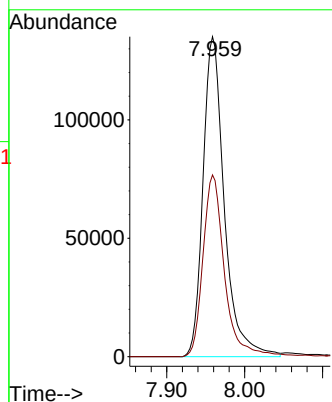
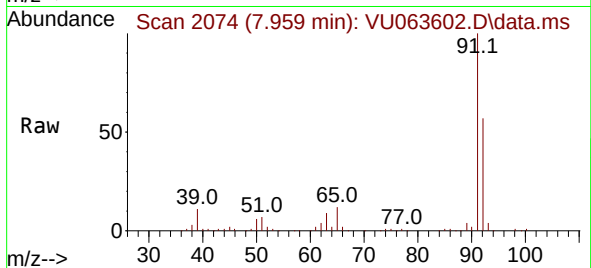
VICV026

Tgt Ion: 91 Resp: 256515

Ion Ratio Lower Upper

91 100

92 56.8 40.7 75.7



#44

trans-1,3-Dichloropropene

Concen: 4.935 ug/L

RT: 8.200 min Scan# 2149

Delta R.T. -0.003 min

Lab File: VU063602.D

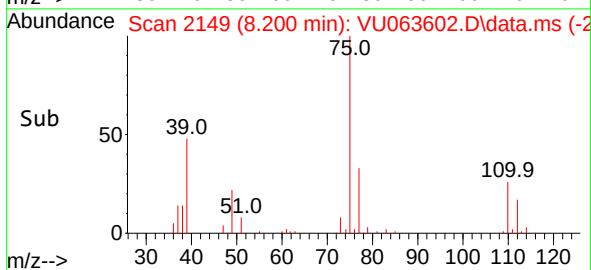
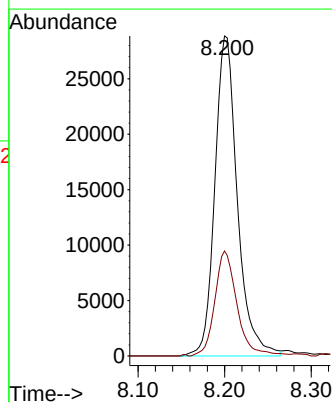
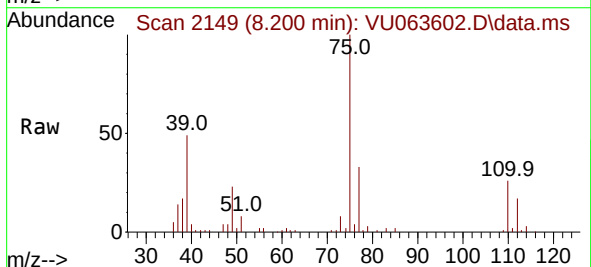
Acq: 17 Sep 2025 11:58

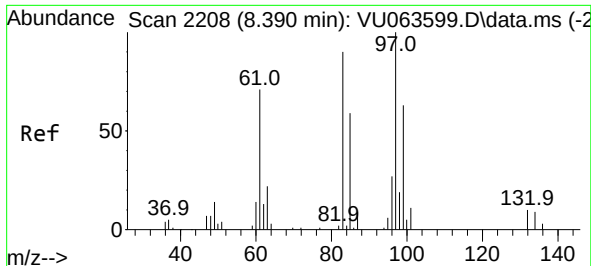
Tgt Ion: 75 Resp: 52094

Ion Ratio Lower Upper

75 100

77 32.8 23.7 44.1

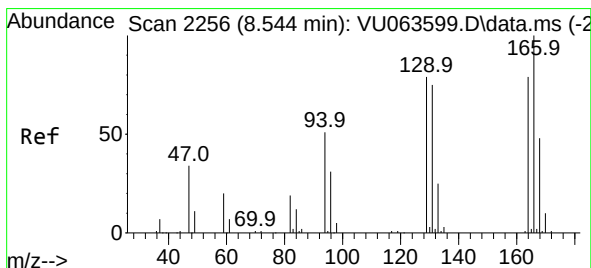
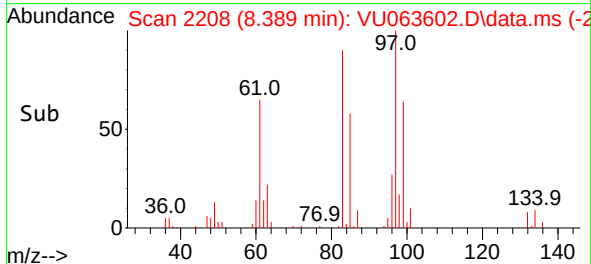
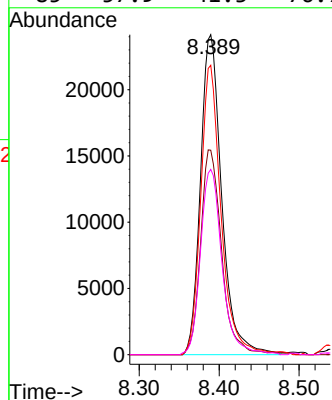
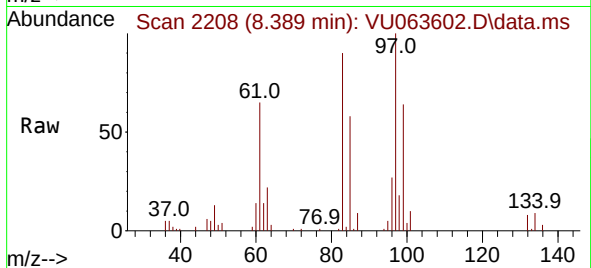




#45
1,1,2-Trichloroethane
Concen: 5.165 ug/L
RT: 8.389 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VU063602.D
Acq: 17 Sep 2025 11:58

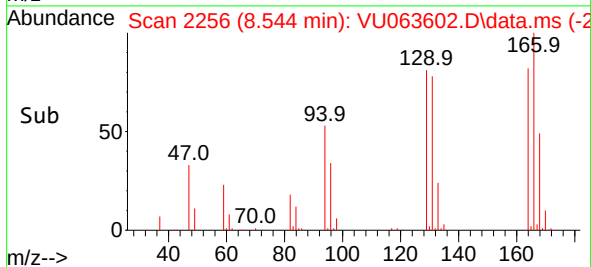
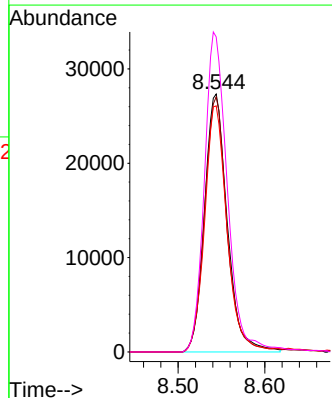
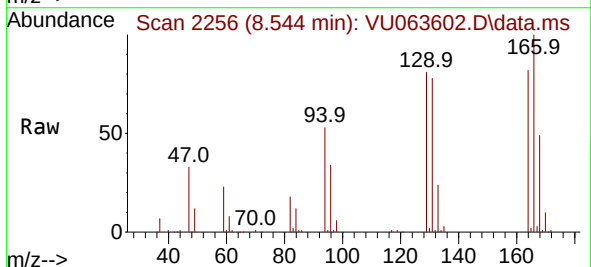
Instrument :
MSVOA_U
ClientSampleId :
VICV026

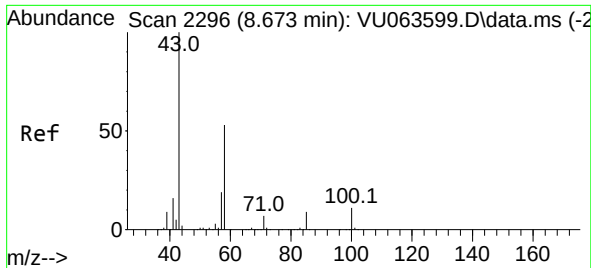
Tgt Ion:	97	Resp:	44798
Ion	Ratio	Lower	Upper
97	100		
99	63.9	44.0	81.6
83	90.5	63.1	117.3
85	57.9	41.3	76.7



#47
Tetrachloroethene
Concen: 5.093 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VU063602.D
Acq: 17 Sep 2025 11:58

Tgt Ion:	164	Resp:	49872
Ion	Ratio	Lower	Upper
164	100		
129	98.9	70.0	130.0
131	95.4	67.1	124.5
166	122.2	89.0	165.2

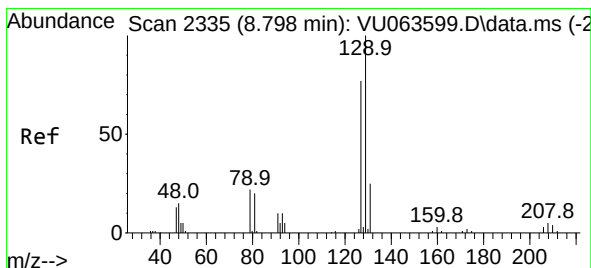
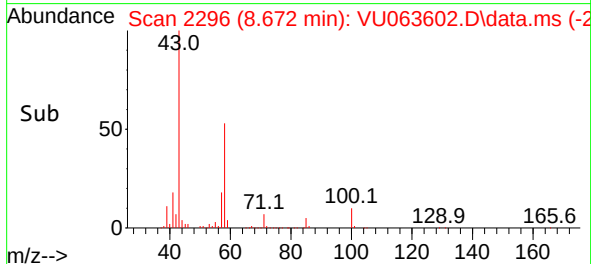
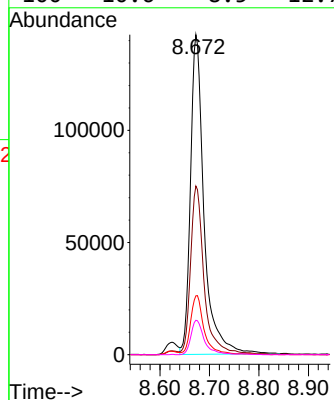
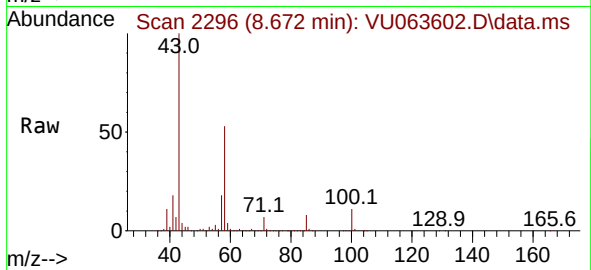




#48
2-Hexanone
Concen: 53.322 ug/L
RT: 8.672 min Scan# 2296
Delta R.T. 0.000 min
Lab File: VU063602.D
Acq: 17 Sep 2025 11:58

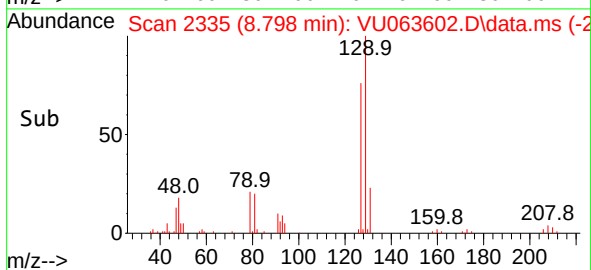
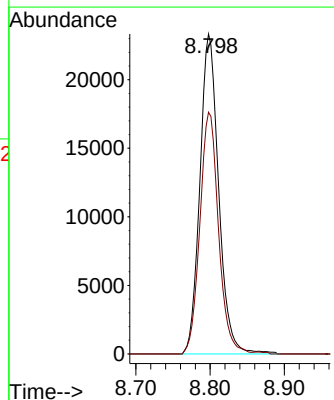
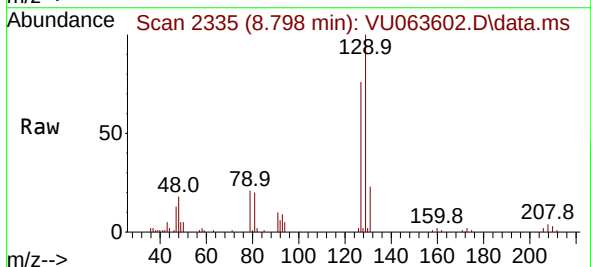
Instrument :
MSVOA_U
ClientSampleId :
VICV026

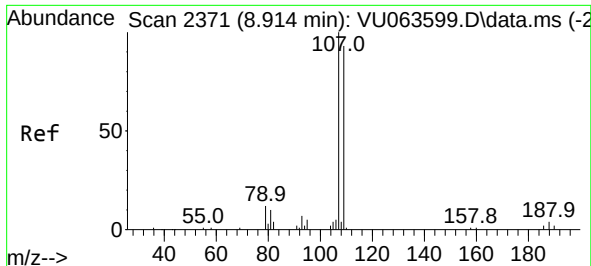
Tgt Ion:	43	Resp:	271260
Ion	Ratio	Lower	Upper
43	100		
58	52.2	42.2	63.2
57	17.8	15.0	22.4
100	10.6	8.5	12.7



#49
Dibromochloromethane
Concen: 5.172 ug/L
RT: 8.798 min Scan# 2335
Delta R.T. -0.003 min
Lab File: VU063602.D
Acq: 17 Sep 2025 11:58

Tgt Ion:	129	Resp:	41016
Ion	Ratio	Lower	Upper
129	100		
127	75.6	54.3	100.8

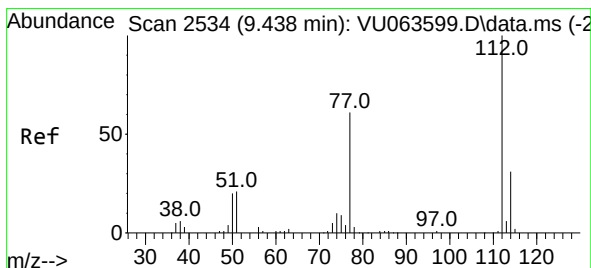
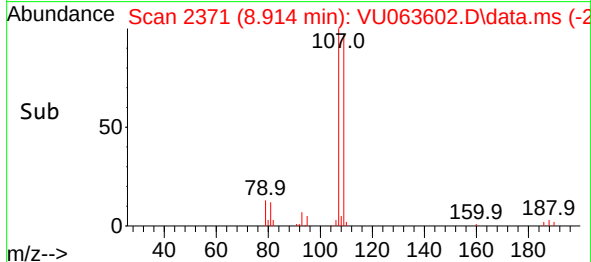
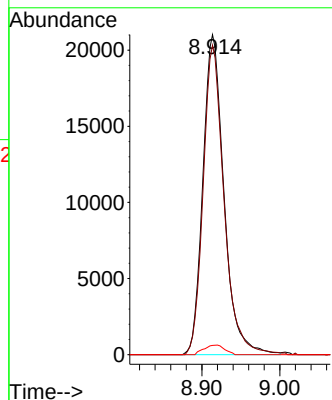
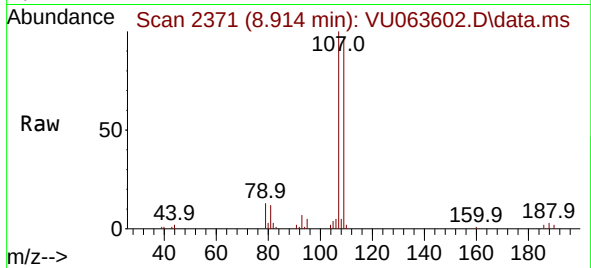




#50
1,2-Dibromoethane
Concen: 5.108 ug/L
RT: 8.914 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU063602.D
Acq: 17 Sep 2025 11:58

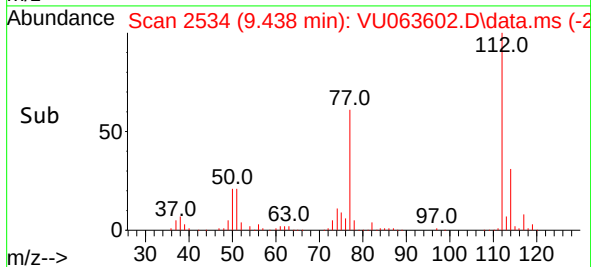
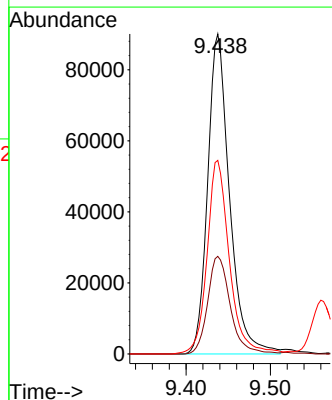
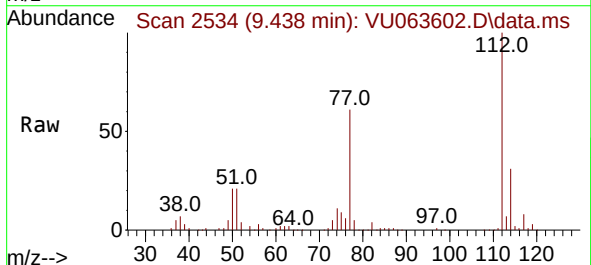
Instrument :
MSVOA_U
ClientSampleId :
VICV026

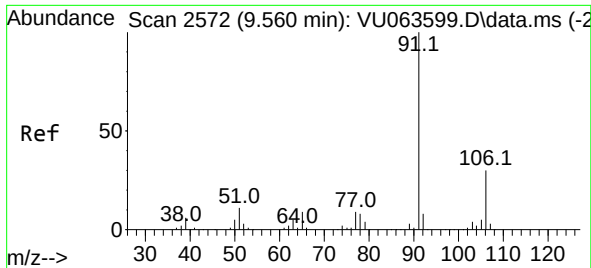
Tgt Ion:107 Resp: 39525
Ion Ratio Lower Upper
107 100
109 96.7 65.4 121.4
188 2.9 2.8 4.2



#51
Chlorobenzene
Concen: 5.007 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. 0.000 min
Lab File: VU063602.D
Acq: 17 Sep 2025 11:58

Tgt Ion:112 Resp: 162654
Ion Ratio Lower Upper
112 100
114 30.5 22.0 41.0
77 60.5 48.9 73.3

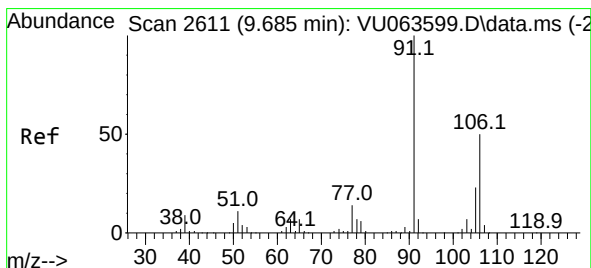
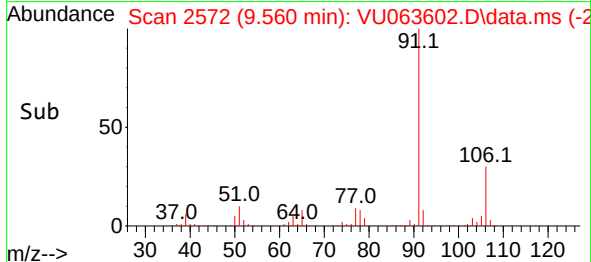
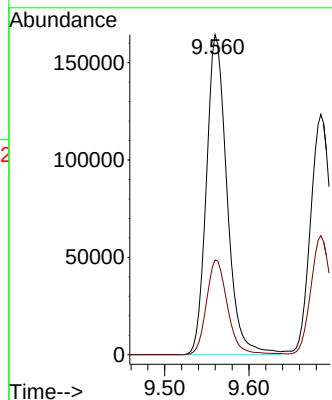
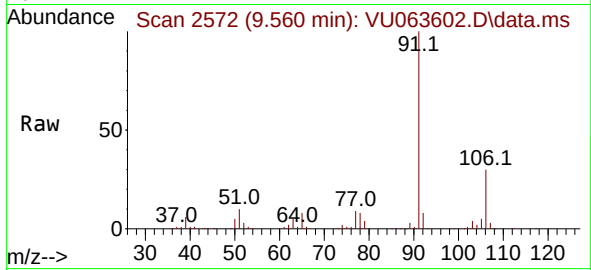




#52
Ethylbenzene
Concen: 5.071 ug/L
RT: 9.560 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU063602.D
Acq: 17 Sep 2025 11:58

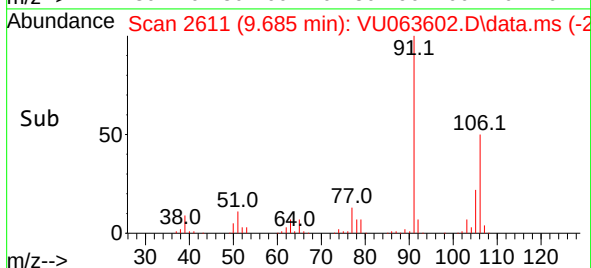
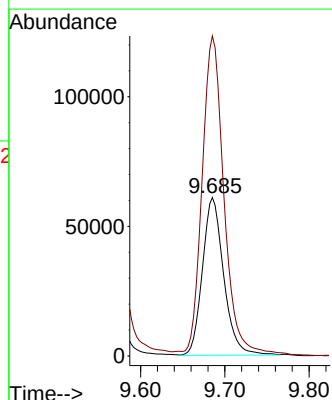
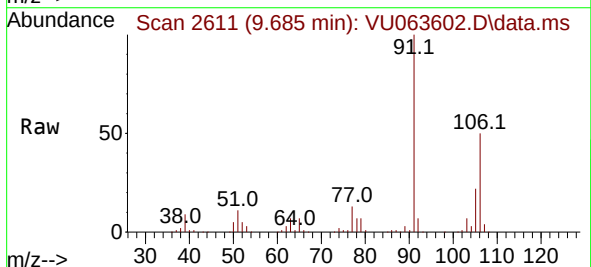
Instrument :
MSVOA_U
ClientSampleId :
VICV026

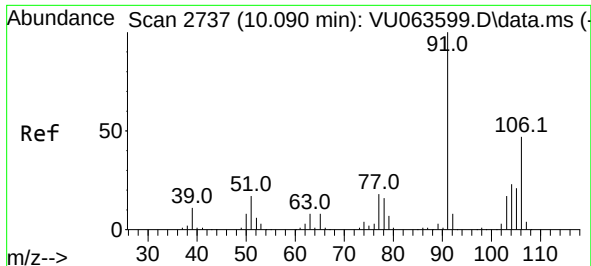
Tgt Ion: 91 Resp: 279970
Ion Ratio Lower Upper
91 100
106 29.6 21.2 39.4



#53
m,p-Xylene
Concen: 5.154 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. 0.000 min
Lab File: VU063602.D
Acq: 17 Sep 2025 11:58

Tgt Ion:106 Resp: 106763
Ion Ratio Lower Upper
106 100
91 201.9 141.5 262.7

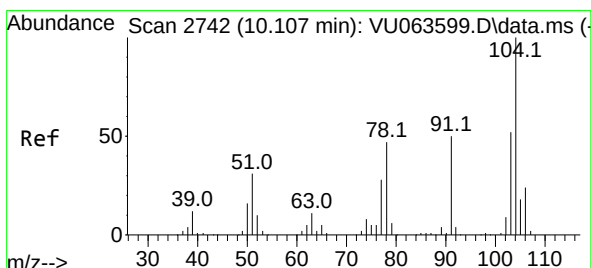
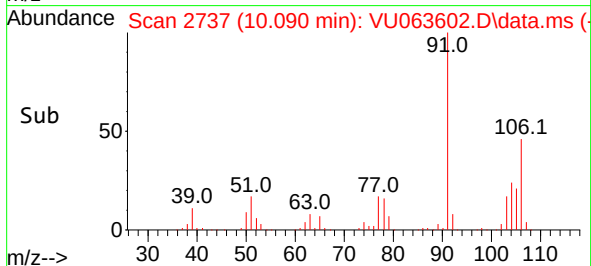
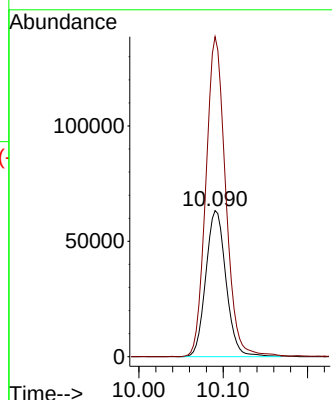
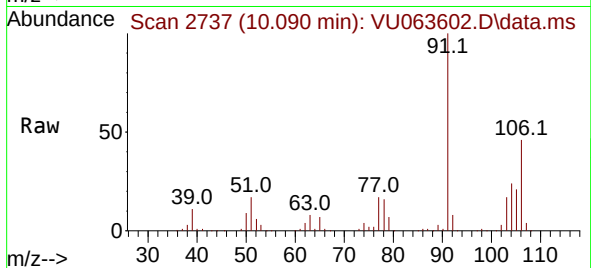




#54
o-Xylene
Concen: 5.278 ug/L
RT: 10.090 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU063602.D
Acq: 17 Sep 2025 11:58

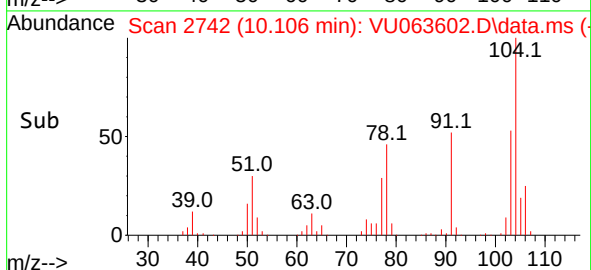
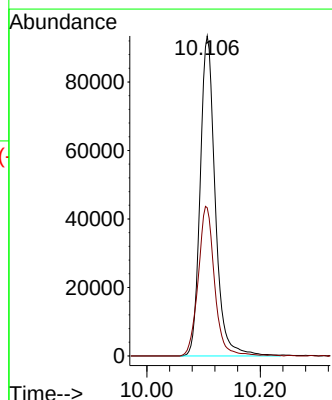
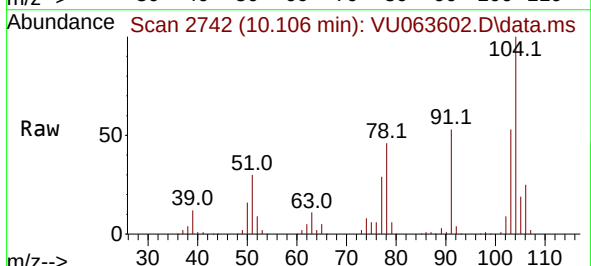
Instrument :
MSVOA_U
ClientSampleId :
VICV026

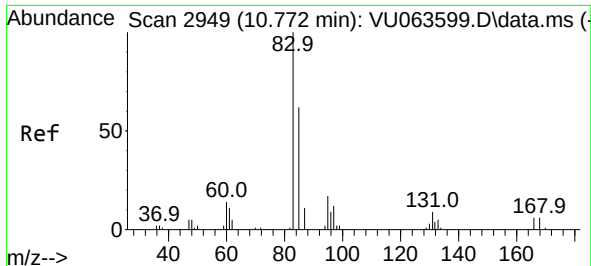
Tgt Ion:106 Resp: 105801
Ion Ratio Lower Upper
106 100
91 219.1 149.4 277.4



#55
Styrene
Concen: 5.237 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. 0.000 min
Lab File: VU063602.D
Acq: 17 Sep 2025 11:58

Tgt Ion:104 Resp: 172199
Ion Ratio Lower Upper
104 100
78 46.3 32.8 61.0





#57

1,1,2,2-Tetrachloroethane

Concen: 4.942 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. 0.000 min

Lab File: VU063602.D

Acq: 17 Sep 2025 11:58

Instrument :

MSVOA_U

ClientSampleId :

VICV026

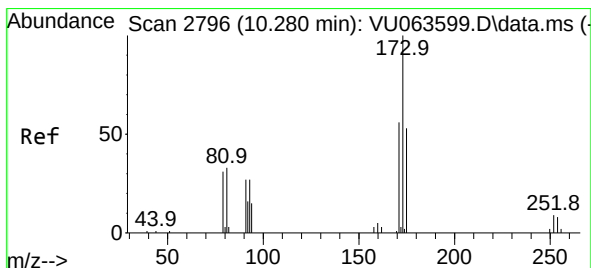
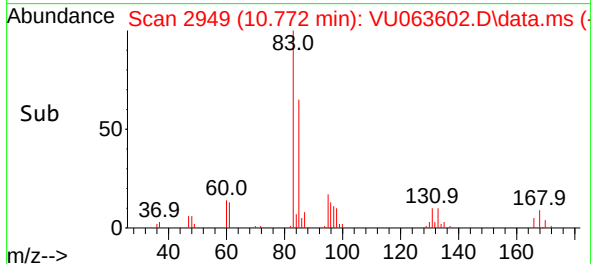
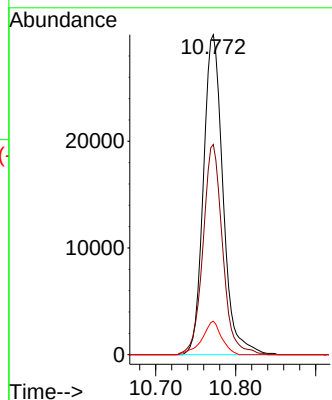
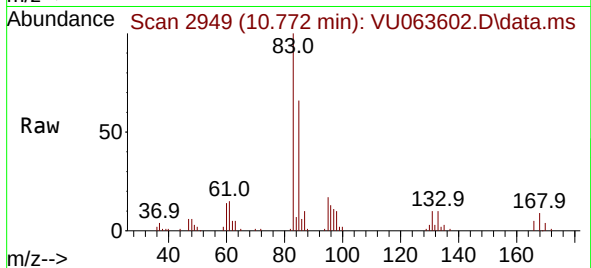
Tgt Ion: 83 Resp: 51211

Ion Ratio Lower Upper

83 100

85 65.7 43.5 80.7

131 10.5 7.3 10.9



#59

Bromoform

Concen: 4.988 ug/L

RT: 10.280 min Scan# 2796

Delta R.T. -0.003 min

Lab File: VU063602.D

Acq: 17 Sep 2025 11:58

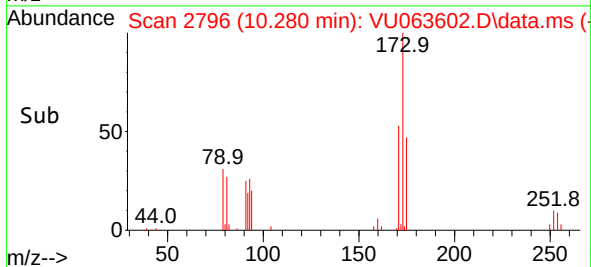
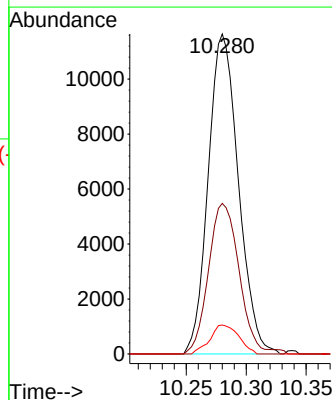
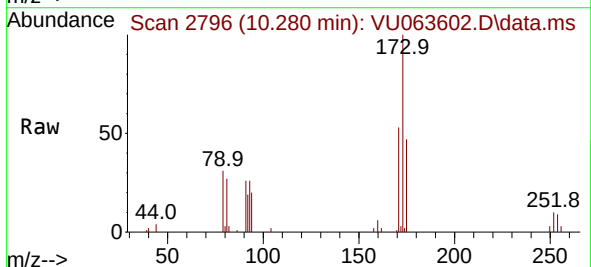
Tgt Ion:173 Resp: 20366

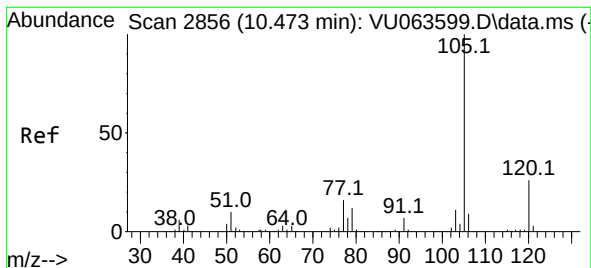
Ion Ratio Lower Upper

173 100

175 47.9 40.3 60.5

254 8.7 6.4 9.6





#60

Isopropylbenzene

Concen: 5.206 ug/L

RT: 10.473 min Scan# 2856

Delta R.T. -0.003 min

Lab File: VU063602.D

Acq: 17 Sep 2025 11:58

Instrument :

MSVOA_U

ClientSampleId :

VICV026

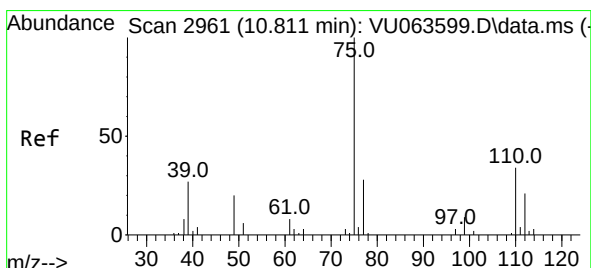
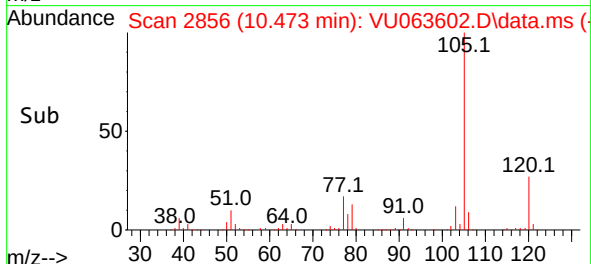
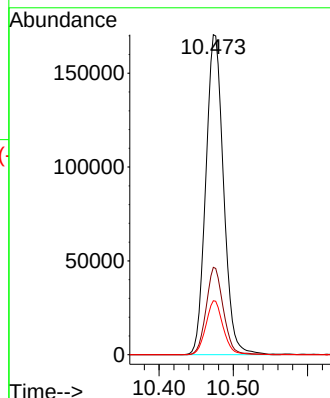
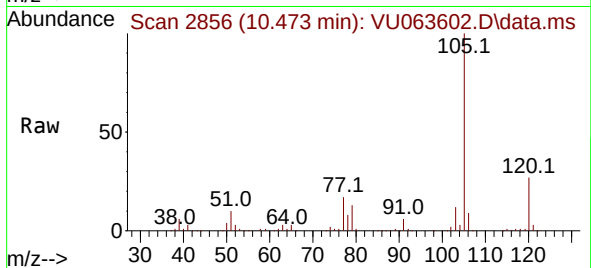
Tgt Ion:105 Resp: 282451

Ion Ratio Lower Upper

105 100

120 26.4 20.9 31.3

77 16.4 13.2 19.8



#61

1,2,3-Trichloropropane

Concen: 5.155 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. 0.000 min

Lab File: VU063602.D

Acq: 17 Sep 2025 11:58

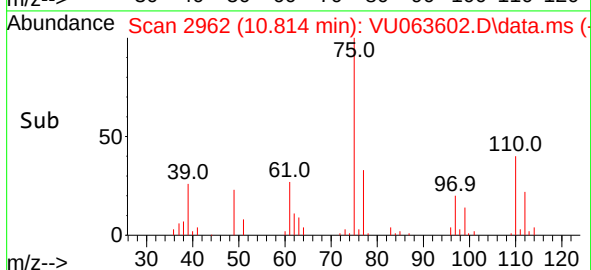
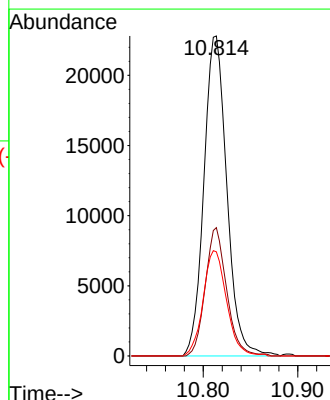
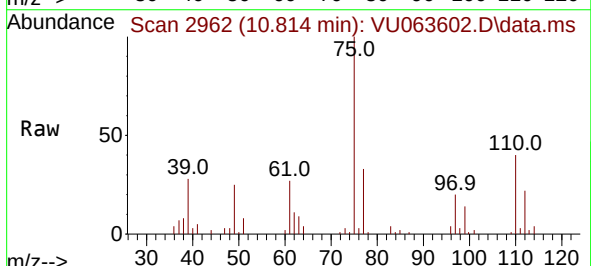
Tgt Ion: 75 Resp: 38530

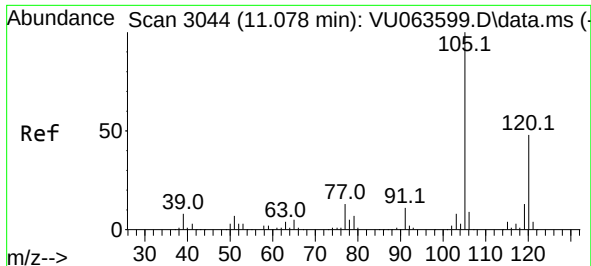
Ion Ratio Lower Upper

75 100

110 37.4 28.3 42.5

77 33.5 25.2 37.8

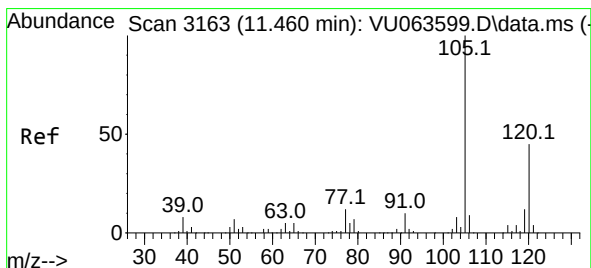
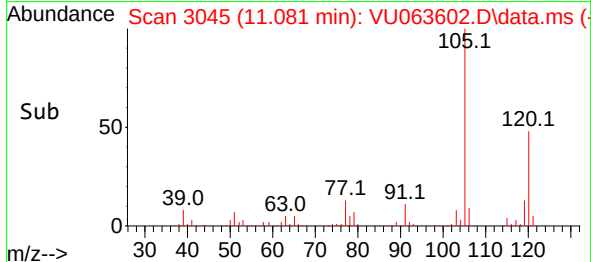
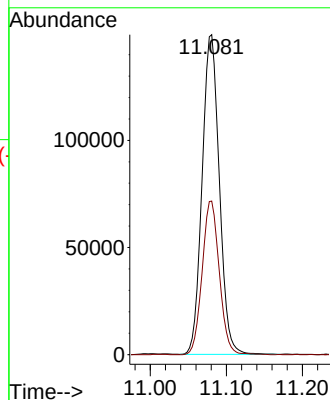
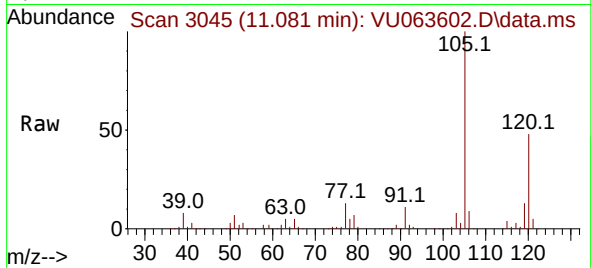




#62
1,3,5-Trimethylbenzene
Concen: 5.315 ug/L
RT: 11.081 min Scan# 3044
Delta R.T. 0.000 min
Lab File: VU063602.D
Acq: 17 Sep 2025 11:58

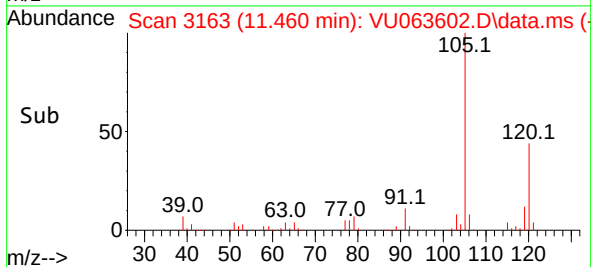
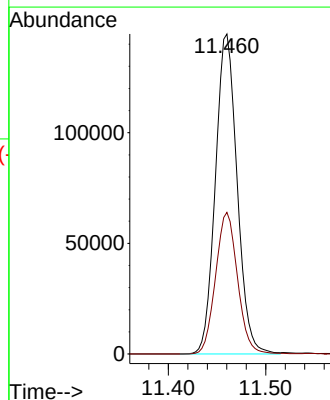
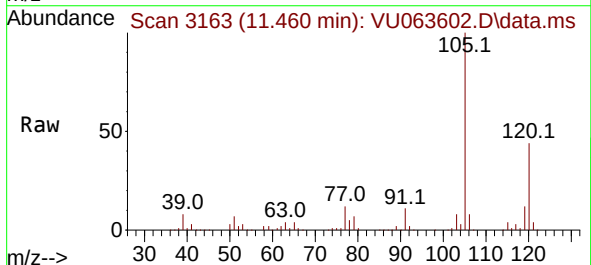
Instrument :
MSVOA_U
ClientSampleId :
VICV026

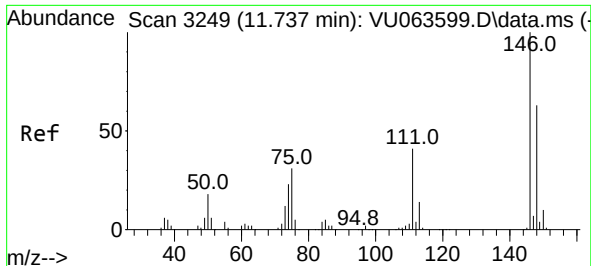
Tgt Ion:105 Resp: 234469
Ion Ratio Lower Upper
105 100
120 47.9 38.4 57.6



#63
1,2,4-Trimethylbenzene
Concen: 5.318 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VU063602.D
Acq: 17 Sep 2025 11:58

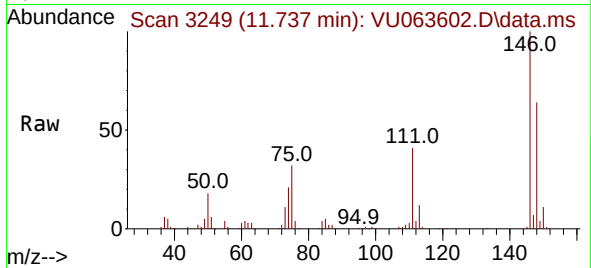
Tgt Ion:105 Resp: 224010
Ion Ratio Lower Upper
105 100
120 44.7 35.3 52.9



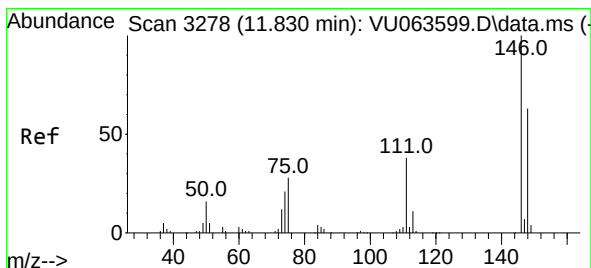
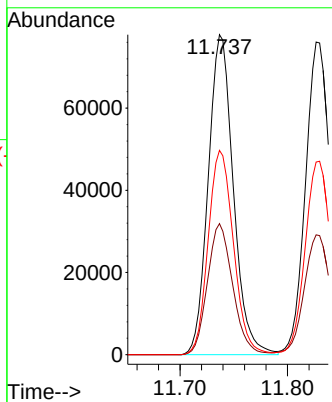
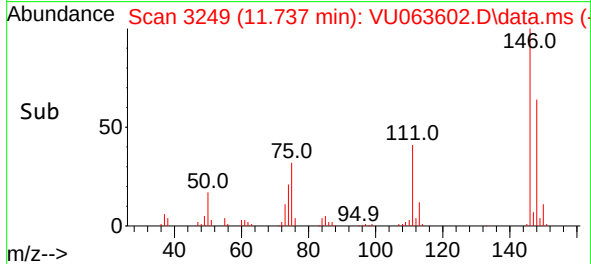


#64
1,3-Dichlorobenzene
Concen: 5.200 ug/L
RT: 11.737 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU063602.D
Acq: 17 Sep 2025 11:58

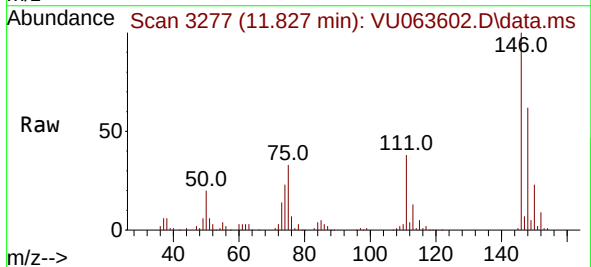
Instrument :
MSVOA_U
ClientSampleId :
VICV026



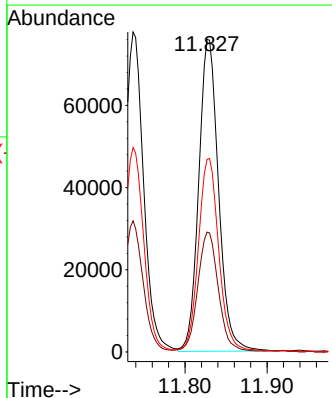
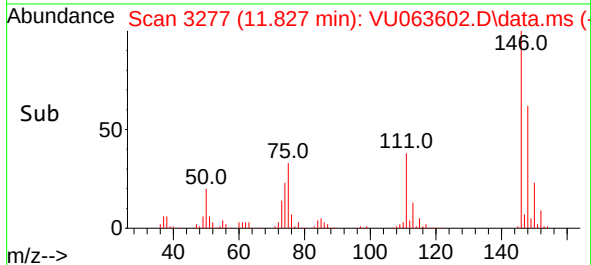
Tgt Ion:146 Resp: 126416
Ion Ratio Lower Upper
146 100
111 41.0 29.0 53.8
148 63.8 44.3 82.3

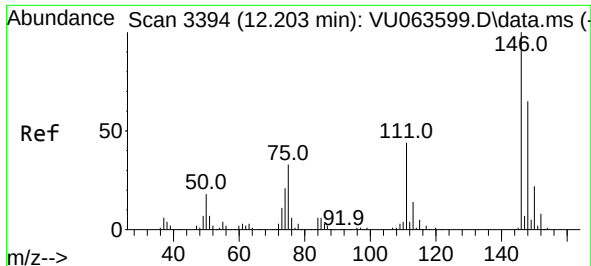


#65
1,4-Dichlorobenzene
Concen: 5.184 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. -0.003 min
Lab File: VU063602.D
Acq: 17 Sep 2025 11:58



Tgt Ion:146 Resp: 127249
Ion Ratio Lower Upper
146 100
111 38.3 27.2 50.4
148 61.6 44.0 81.6

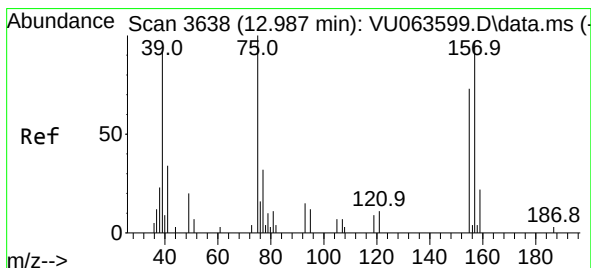
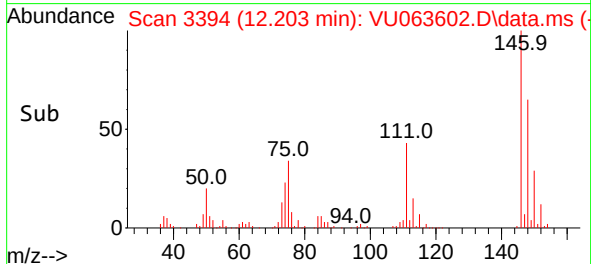
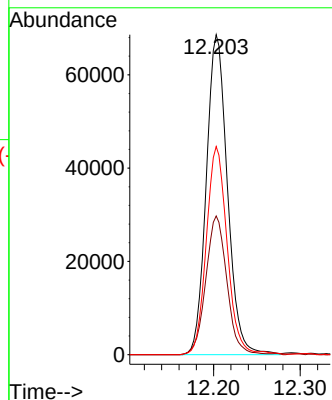
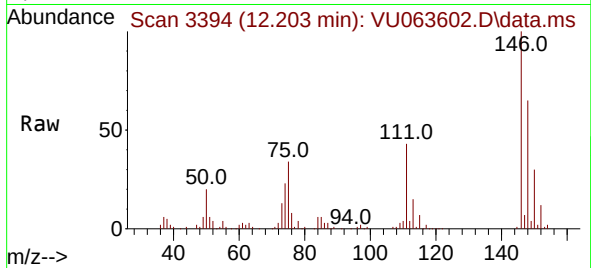




#67
1,2-Dichlorobenzene
Concen: 5.128 ug/L
RT: 12.203 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU063602.D
Acq: 17 Sep 2025 11:58

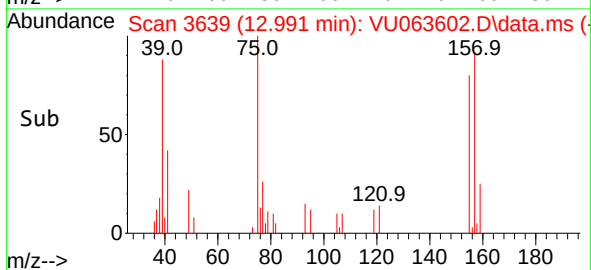
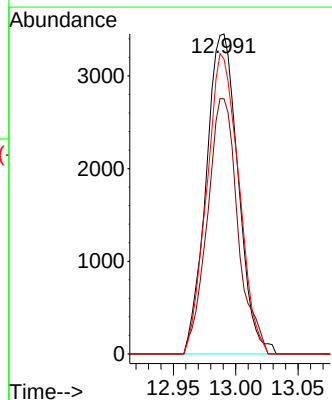
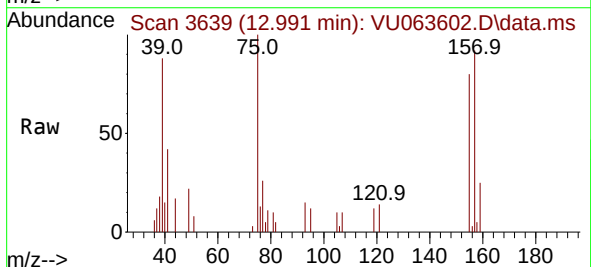
Instrument :
MSVOA_U
ClientSampleId :
VICV026

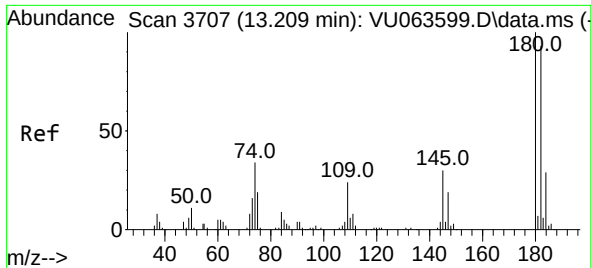
Tgt Ion:146 Resp: 116387
Ion Ratio Lower Upper
146 100
111 43.4 35.5 53.3
148 65.1 52.1 78.1



#68
1,2-Dibromo-3-chloropropane
Concen: 5.346 ug/L
RT: 12.991 min Scan# 3639
Delta R.T. 0.000 min
Lab File: VU063602.D
Acq: 17 Sep 2025 11:58

Tgt Ion: 75 Resp: 6171
Ion Ratio Lower Upper
75 100
155 79.8 58.4 87.6
157 92.1 77.8 116.8

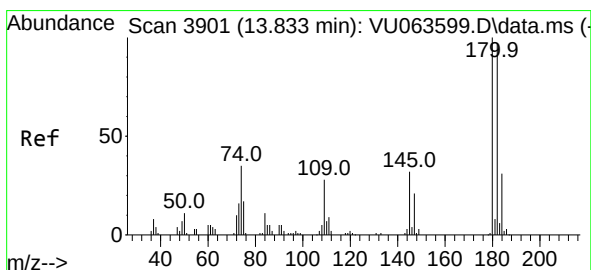
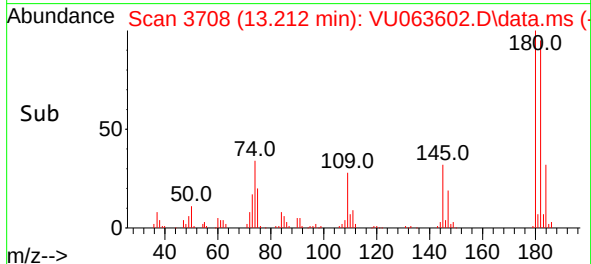
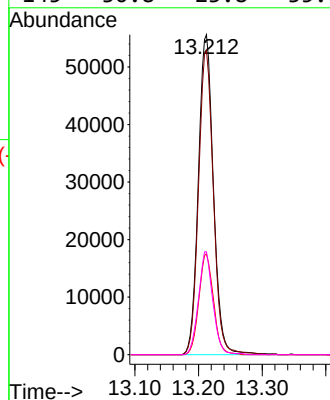
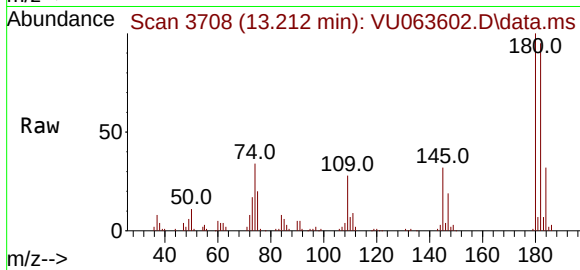




#69
 1,3,5-Trichlorobenzene
 Concen: 5.036 ug/L
 RT: 13.212 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU063602.D
 Acq: 17 Sep 2025 11:58

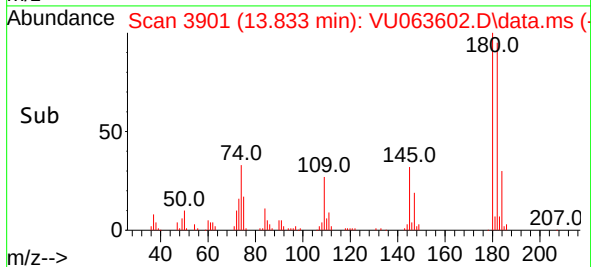
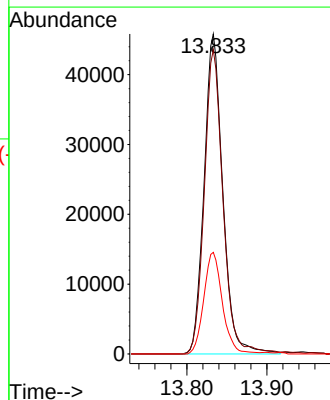
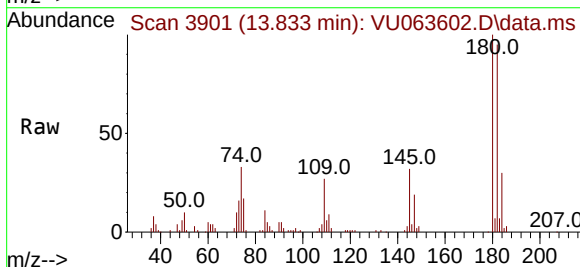
Instrument :
 MSVOA_U
 ClientSampleId :
 VICV026

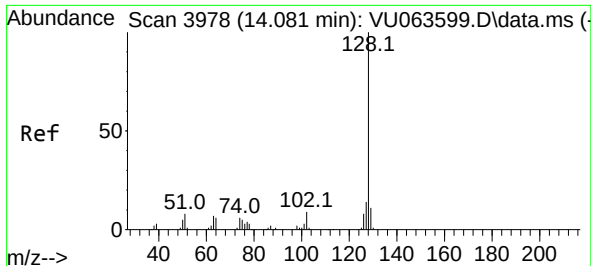
Tgt Ion:	180	Resp:	91634
Ion Ratio	Lower	Upper	
180	100		
182	93.7	74.6	111.8
184	30.5	23.4	35.2
145	30.8	23.8	35.6



#70
 1,2,4-trichlorobenzene
 Concen: 5.321 ug/L
 RT: 13.833 min Scan# 3901
 Delta R.T. 0.000 min
 Lab File: VU063602.D
 Acq: 17 Sep 2025 11:58

Tgt Ion:	180	Resp:	74724
Ion Ratio	Lower	Upper	
180	100		
182	95.0	76.6	114.8
145	31.6	25.0	37.4

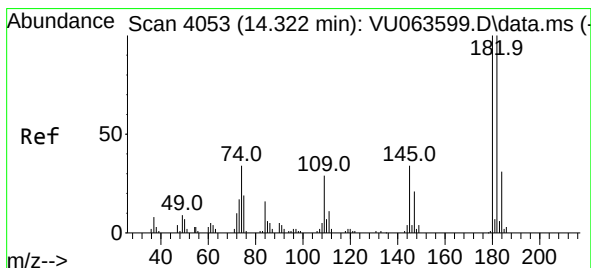
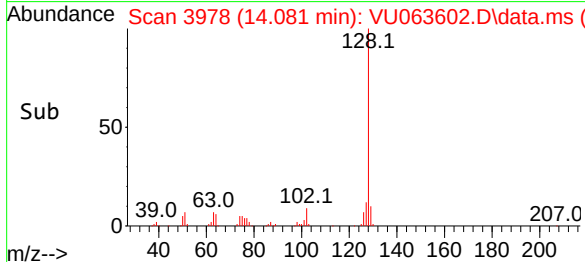
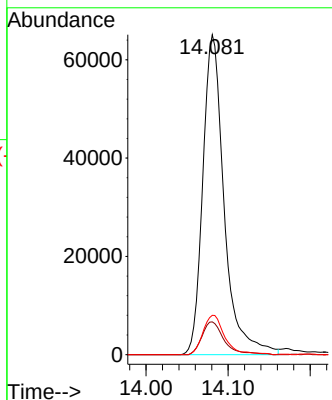
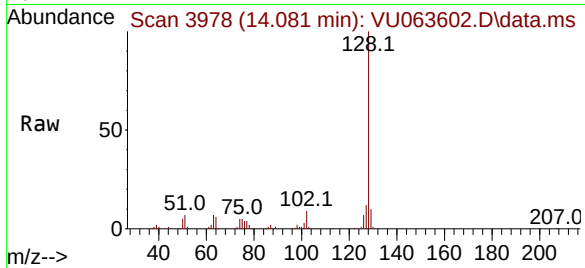




#71
Naphthalene
Concen: 5.604 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. -0.003 min
Lab File: VU063602.D
Acq: 17 Sep 2025 11:58

Instrument :
MSVOA_U
ClientSampleId :
VICV026

Tgt Ion:128 Resp: 117749
Ion Ratio Lower Upper
128 100
129 10.6 8.8 13.2
127 12.6 11.0 16.4



#72
1,2,3-Trichlorobenzene
Concen: 5.387 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU063602.D
Acq: 17 Sep 2025 11:58

Tgt Ion:180 Resp: 64939
Ion Ratio Lower Upper
180 100
182 94.4 78.2 117.2
145 32.5 26.0 39.0

