

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020425\
 Data File : VU063143.D
 Acq On : 05 Feb 2025 01:09
 Operator : MD/SY
 Sample : Q1227-05MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E2975MSD

Quant Time: Feb 05 08:08:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020425WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 05 07:57:12 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	90027	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.405	117	86013	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	41168	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	22683	4.405	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.000%
7) Chloroethane-d5	1.901	69	22162	4.637	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.800%
11) 1,1-Dichloroethene-d2	2.554	65	10401	4.524	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.400%
20) 2-Butanone-d5	4.605	46	76034	44.851	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.700%
24) Chloroform-d	5.049	84	54693	4.804	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	5.689	65	26900	4.594	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
32) Benzene-d6	5.714	84	103710	4.623	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
36) 1,2-Dichloropropane-d6	6.676	67	34084	4.608	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.200%
41) Toluene-d8	7.888	98	92700	4.677	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
43) trans-1,3-Dichloroprop...	8.171	79	12132	4.377	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.600%
46) 2-Hexanone-d5	8.621	63	60182	43.145	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.280%
56) 1,1,2,2-Tetrachloroeth...	10.743	84	29065	4.452	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.000%
66) 1,2-Dichlorobenzene-d4	12.183	152	31766	4.621	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	39811	5.104	ug/L	100
3) Chloromethane	1.518	50	40300	4.717	ug/L	97
5) Vinyl chloride	1.599	62	43019	4.974	ug/L	99
6) Bromomethane	1.843	94	14029	3.226	ug/L	97
8) Chloroethane	1.920	64	26811	5.146	ug/L	100
9) Trichlorofluoromethane	2.129	101	51093	5.259	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	31336	5.247	ug/L	98
12) 1,1-Dichloroethene	2.566	96	29814	5.095	ug/L	99
13) Acetone	2.611	43	47763	44.741	ug/L	100
14) Carbon disulfide	2.782	76	105430	5.131	ug/L	98
15) Methyl Acetate	2.939	43	11694	4.011	ug/L	95
16) Methylene chloride	3.029	84	34363	4.909	ug/L	96
17) Methyl tert-butyl Ether	3.348	73	75280	4.668	ug/L	99
18) trans-1,2-Dichloroethene	3.338	96	31629	5.055	ug/L	99
19) 1,1-Dichloroethane	3.853	63	62600	4.976	ug/L	99
21) 2-Butanone	4.685	43	83566	47.147	ug/L	99
22) cis-1,2-Dichloroethene	4.650	96	35549	5.093	ug/L	97
23) Bromochloromethane	4.959	128	15423	4.926	ug/L	98
25) Chloroform	5.074	83	62849	5.076	ug/L	100

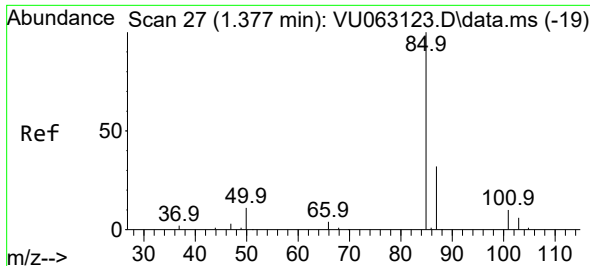
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.779	62	39593	4.854	ug/L	99
29) 1,1,1-Trichloroethane	5.303	97	51773	5.085	ug/L	98
30) Cyclohexane	5.373	56	55199	5.122	ug/L	99
31) Carbon tetrachloride	5.512	117	43818	5.101	ug/L	99
33) Benzene	5.759	78	143969	5.086	ug/L	100
34) Trichloroethene	6.531	95	36189	5.034	ug/L	98
35) Methylcyclohexane	6.750	83	54832	5.090	ug/L	99
37) 1,2-Dichloropropane	6.775	63	37740	4.999	ug/L	99
38) Bromodichloromethane	7.094	83	44118	4.867	ug/L	98
39) cis-1,3-Dichloropropene	7.595	75	51376	4.772	ug/L	98
40) 4-Methyl-2-pentanone	7.775	43	205558	46.132	ug/L	100
42) Toluene	7.959	91	152192	5.144	ug/L	99
44) trans-1,3-Dichloropropene	8.200	75	42063	4.667	ug/L	98
45) 1,1,2-Trichloroethane	8.386	97	26804	4.808	ug/L	96
47) Tetrachloroethene	8.544	164	25534	5.057	ug/L	98
48) 2-Hexanone	8.669	43	151182	48.092	ug/L	98
49) Dibromochloromethane	8.798	129	28040	4.778	ug/L	100
50) 1,2-Dibromoethane	8.910	107	24311	4.754	ug/L	99
51) Chlorobenzene	9.438	112	89492	5.011	ug/L	98
52) Ethylbenzene	9.560	91	156304	5.051	ug/L	100
53) m,p-Xylene	9.682	106	58794	5.267	ug/L	99
54) o-Xylene	10.090	106	56660	5.119	ug/L	99
55) Styrene	10.103	104	94535	5.189	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.769	83	33407	4.668	ug/L	98
59) Bromoform	10.280	173	16770	4.725	ug/L	99
60) Isopropylbenzene	10.473	105	151153	5.170	ug/L	100
61) 1,2,3-Trichloropropane	10.811	75	22982	4.626	ug/L	98
62) 1,3,5-Trimethylbenzene	11.077	105	119082	5.164	ug/L	99
63) 1,2,4-Trimethylbenzene	11.457	105	117943	5.319	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	67169	5.071	ug/L	97
65) 1,4-Dichlorobenzene	11.827	146	67006	5.032	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	63602	5.139	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.987	75	4699	4.728	ug/L	98
69) 1,3,5-Trichlorobenzene	13.209	180	46148	5.099	ug/L	98
70) 1,2,4-trichlorobenzene	13.830	180	36690	5.153	ug/L	98
71) Naphthalene	14.077	128	56529	4.837	ug/L	100
72) 1,2,3-Trichlorobenzene	14.318	180	33162	5.212	ug/L	97

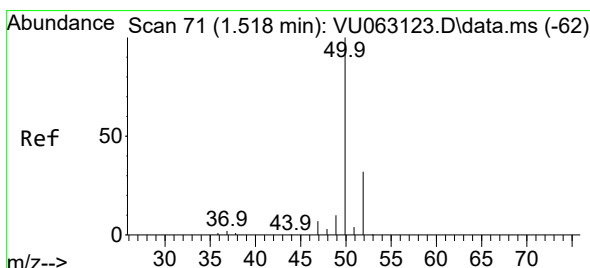
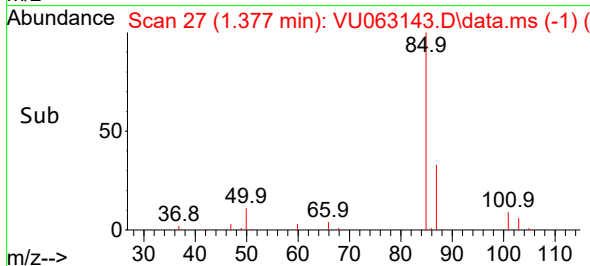
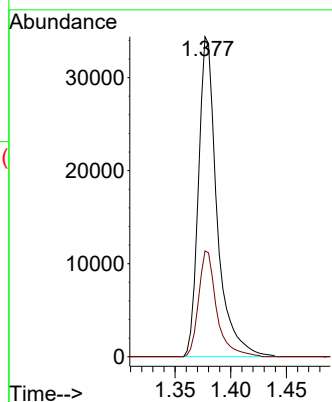
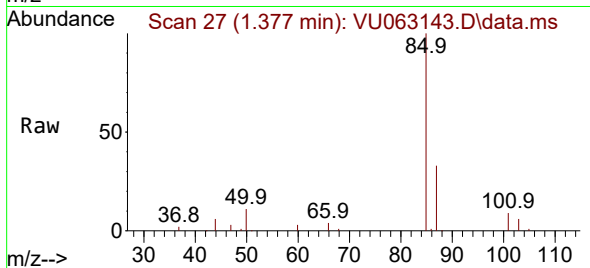
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 5.104 ug/L
RT: 1.377 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063143.D
Acq: 05 Feb 2025 01:09

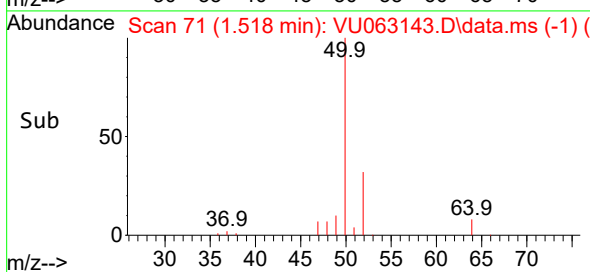
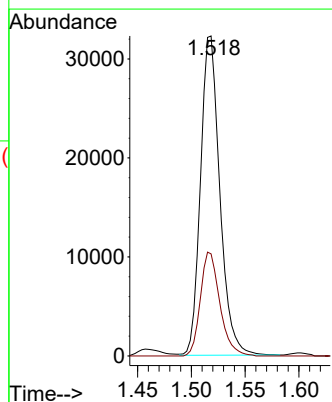
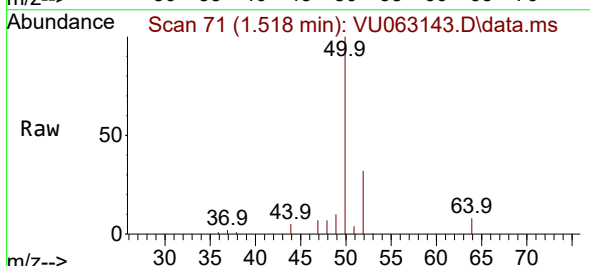
Instrument :
MSVOA_U
ClientSampleId :
E2975MSD

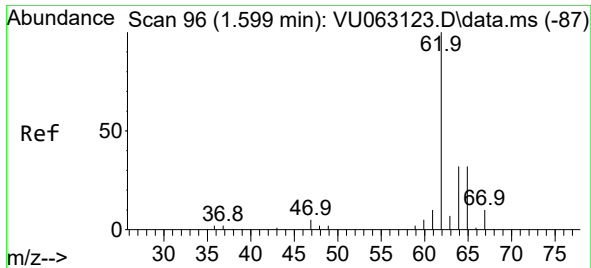
Tgt Ion: 85 Resp: 39811
Ion Ratio Lower Upper
85 100
87 32.2 25.9 38.9



#3
Chloromethane
Concen: 4.717 ug/L
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU063143.D
Acq: 05 Feb 2025 01:09

Tgt Ion: 50 Resp: 40300
Ion Ratio Lower Upper
50 100
52 31.9 23.4 43.6

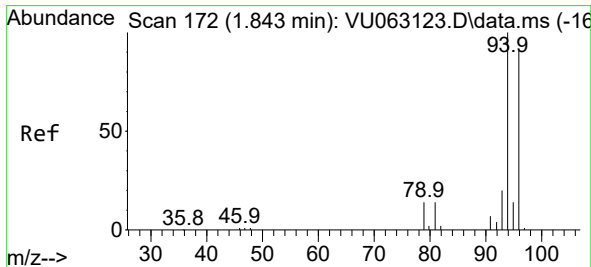
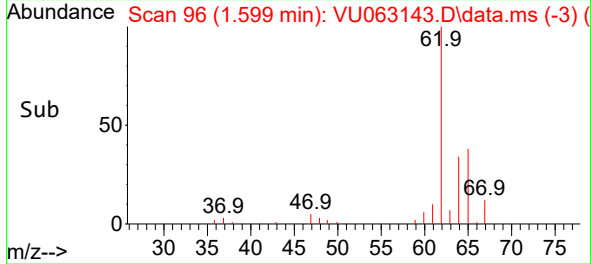
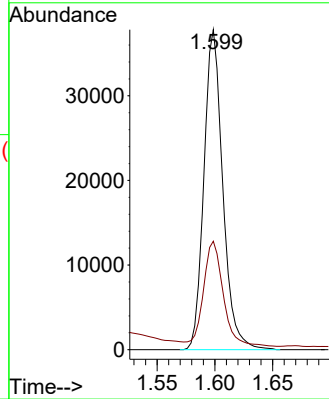
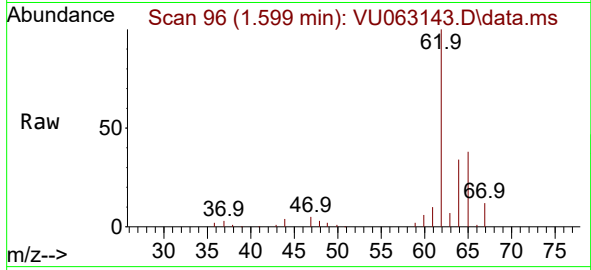




#5
 Vinyl chloride
 Concen: 4.974 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: VU063143.D
 Acq: 05 Feb 2025 01:09

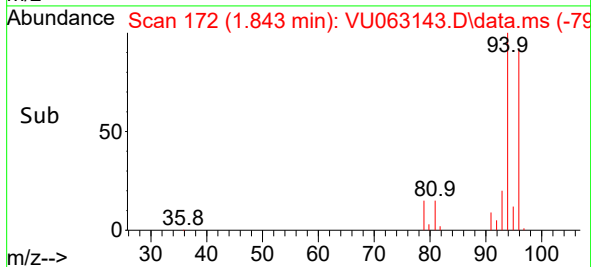
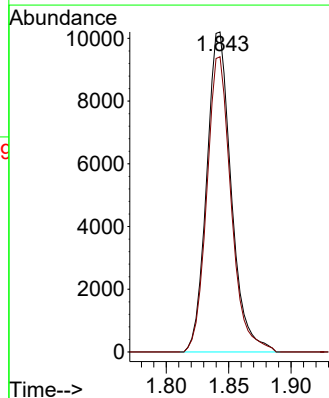
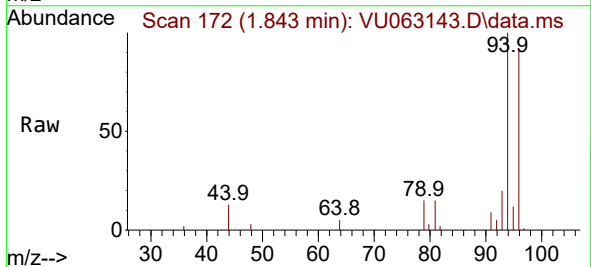
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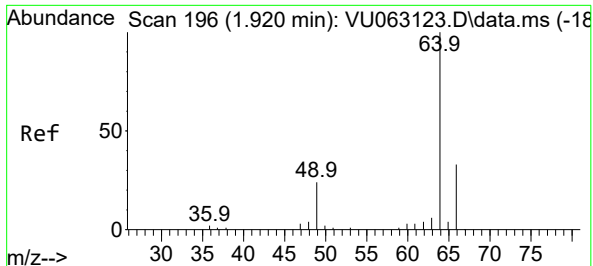
Tgt Ion: 62 Resp: 43019
 Ion Ratio Lower Upper
 62 100
 64 33.9 23.2 43.0



#6
 Bromomethane
 Concen: 3.226 ug/L
 RT: 1.843 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VU063143.D
 Acq: 05 Feb 2025 01:09

Tgt Ion: 94 Resp: 14029
 Ion Ratio Lower Upper
 94 100
 96 92.3 66.3 123.1

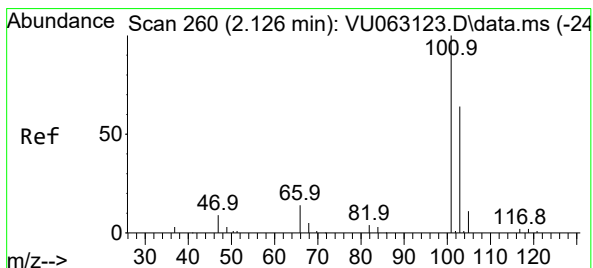
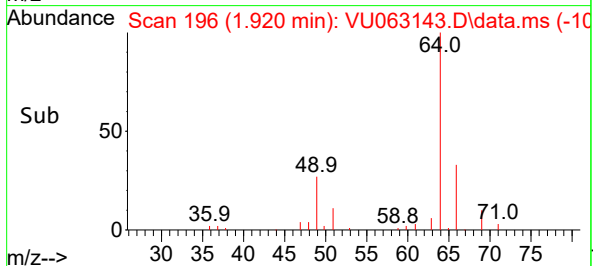
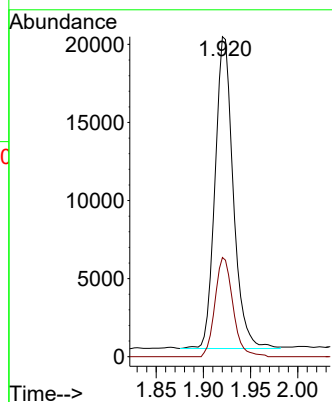
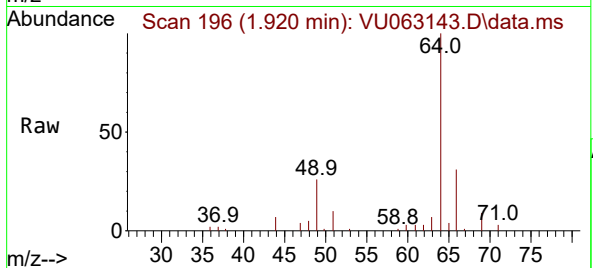




#8
Chloroethane
Concen: 5.146 ug/L
RT: 1.920 min Scan# 196
Delta R.T. -0.000 min
Lab File: VU063143.D
Acq: 05 Feb 2025 01:09

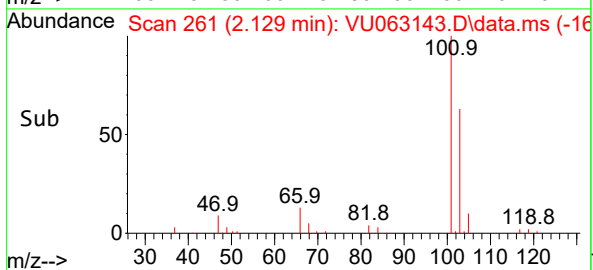
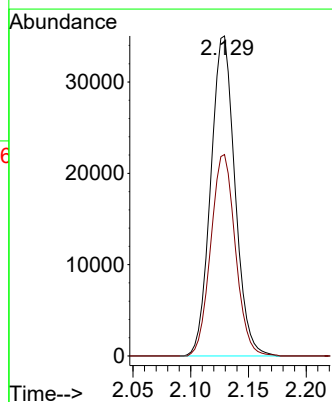
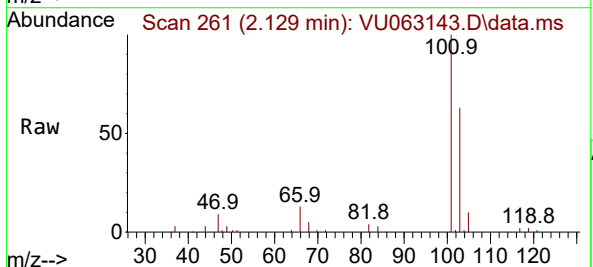
Instrument :
MSVOA_U
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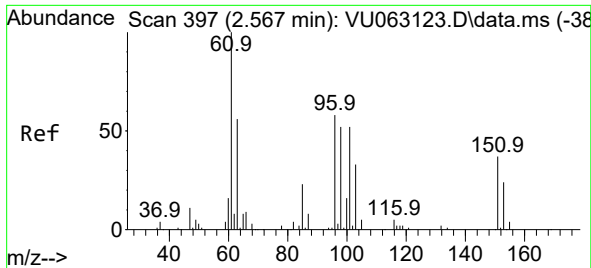
Tgt Ion: 64 Resp: 26811
Ion Ratio Lower Upper
64 100
66 31.0 21.7 40.3



#9
Trichlorofluoromethane
Concen: 5.259 ug/L
RT: 2.129 min Scan# 261
Delta R.T. 0.003 min
Lab File: VU063143.D
Acq: 05 Feb 2025 01:09

Tgt Ion:101 Resp: 51093
Ion Ratio Lower Upper
101 100
103 64.1 51.8 77.8

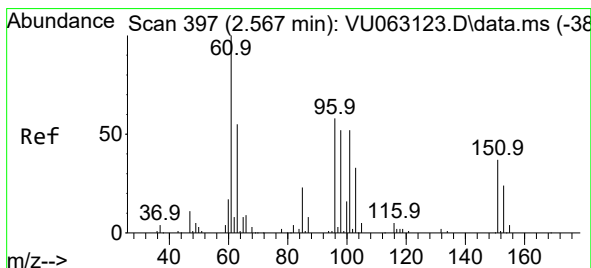
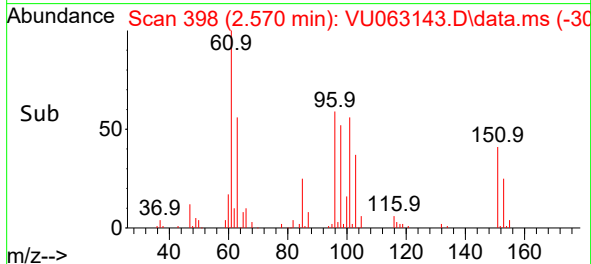
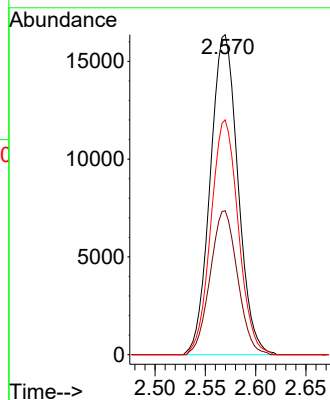
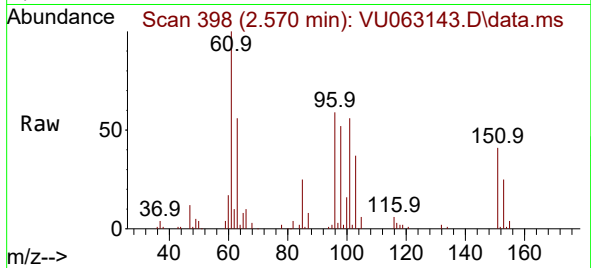




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.247 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. 0.003 min
 Lab File: VU063143.D
 Acq: 05 Feb 2025 01:09

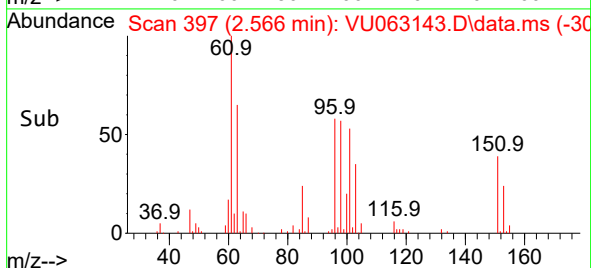
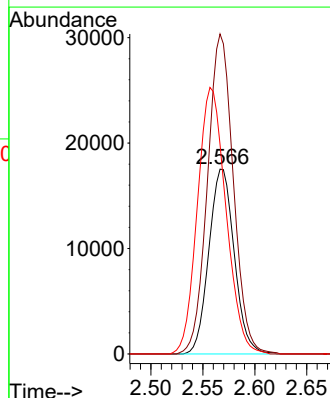
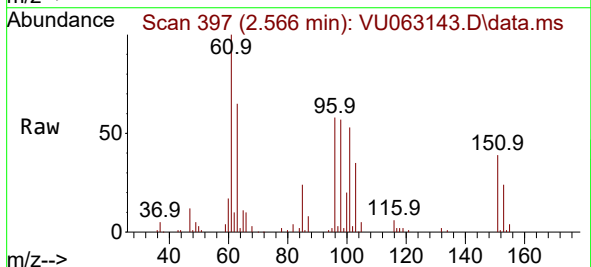
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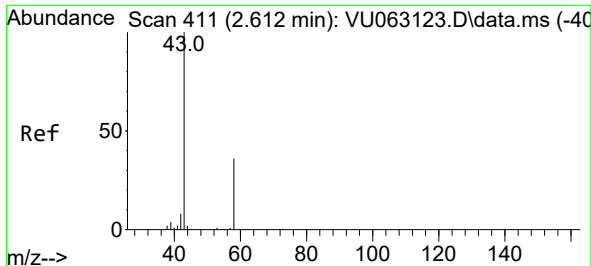
Tgt Ion: 101 Resp: 31336
 Ion Ratio Lower Upper
 101 100
 85 44.4 35.0 52.4
 151 72.7 56.3 84.5



#12
 1,1-Dichloroethene
 Concen: 5.095 ug/L
 RT: 2.566 min Scan# 397
 Delta R.T. -0.000 min
 Lab File: VU063143.D
 Acq: 05 Feb 2025 01:09

Tgt Ion: 96 Resp: 29814
 Ion Ratio Lower Upper
 96 100
 61 173.1 121.9 226.3
 63 113.3 80.3 149.1





#13

Acetone

Concen: 44.741 ug/L

RT: 2.611 min Scan# 411

Delta R.T. -0.000 min

Lab File: VU063143.D

Acq: 05 Feb 2025 01:09

Instrument :

MSVOA_U

ClientSampleId :

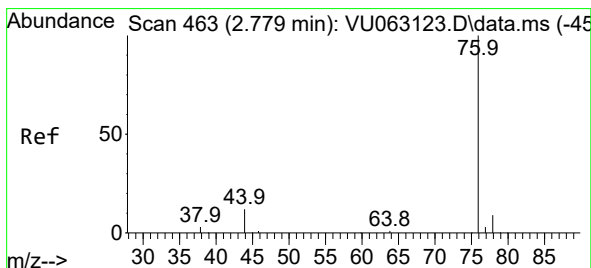
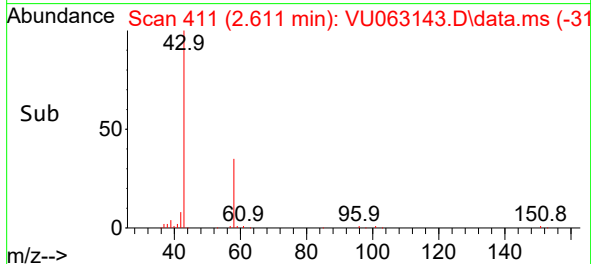
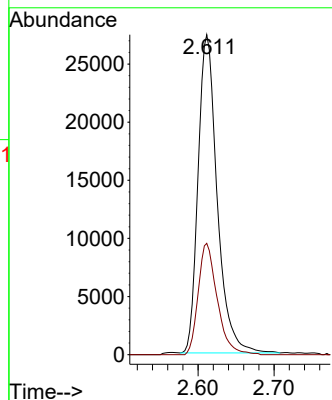
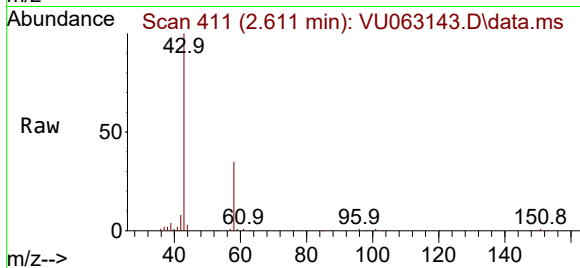
E2975MSD

Tgt Ion: 43 Resp: 47763

Ion Ratio Lower Upper

43 100

58 34.9 0.0 70.2



#14

Carbon disulfide

Concen: 5.131 ug/L

RT: 2.782 min Scan# 464

Delta R.T. 0.003 min

Lab File: VU063143.D

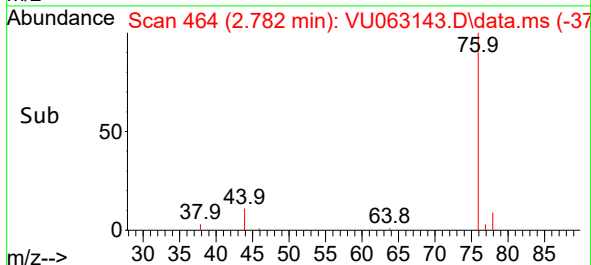
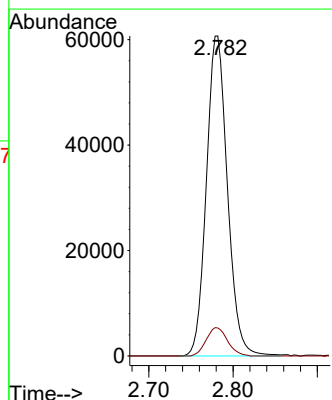
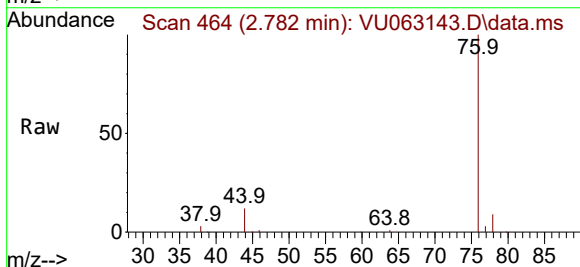
Acq: 05 Feb 2025 01:09

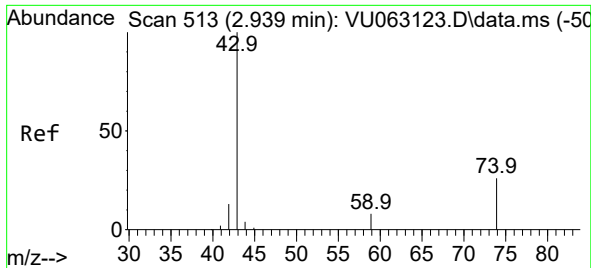
Tgt Ion: 76 Resp: 105430

Ion Ratio Lower Upper

76 100

78 8.8 7.5 11.3

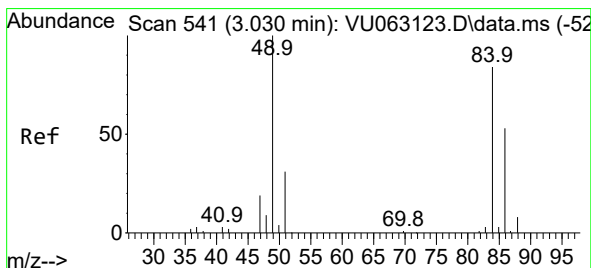
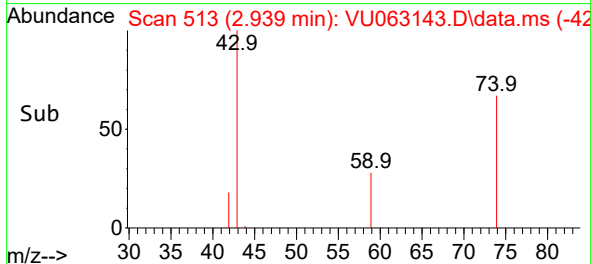
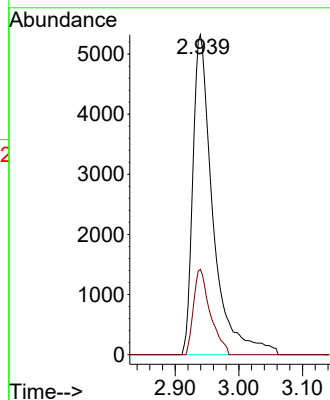
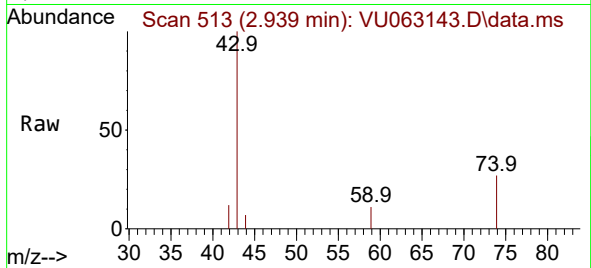




#15
Methyl Acetate
Concen: 4.011 ug/L
RT: 2.939 min Scan# 513
Delta R.T. -0.000 min
Lab File: VU063143.D
Acq: 05 Feb 2025 01:09

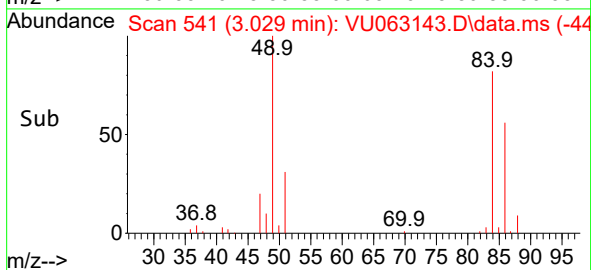
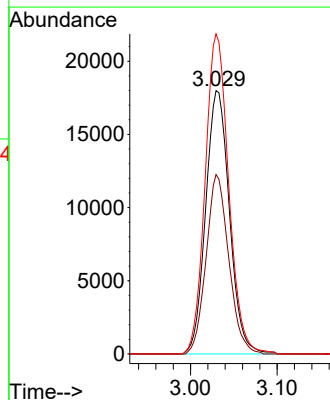
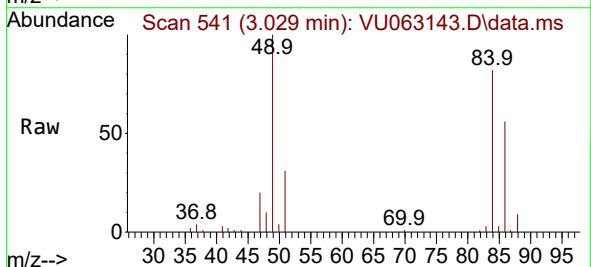
Instrument :
MSVOA_U
ClientSampleId :
E2975MSD

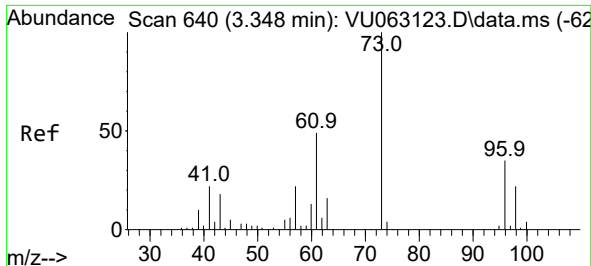
Tgt Ion: 43 Resp: 11694
Ion Ratio Lower Upper
43 100
74 22.1 19.5 29.3



#16
Methylene chloride
Concen: 4.909 ug/L
RT: 3.029 min Scan# 541
Delta R.T. -0.000 min
Lab File: VU063143.D
Acq: 05 Feb 2025 01:09

Tgt Ion: 84 Resp: 34363
Ion Ratio Lower Upper
84 100
86 68.1 45.0 83.6
49 121.5 82.4 153.0





#17

Methyl tert-butyl Ether

Concen: 4.668 ug/L

RT: 3.348 min Scan# 640

Delta R.T. -0.000 min

Lab File: VU063143.D

Acq: 05 Feb 2025 01:09

Instrument :

MSVOA_U

ClientSampleId :

E2975MSD

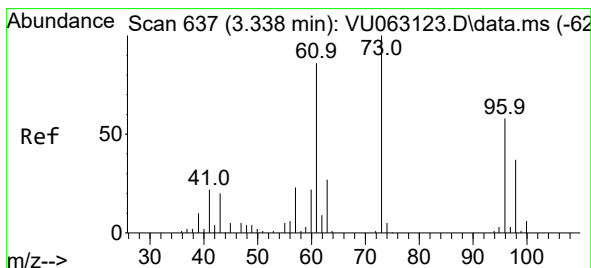
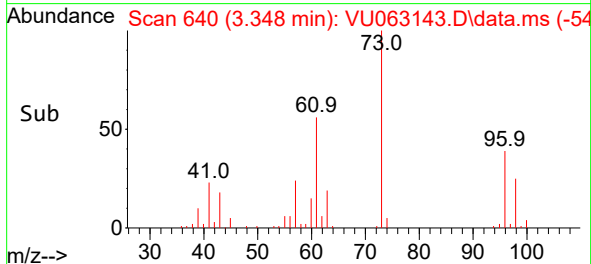
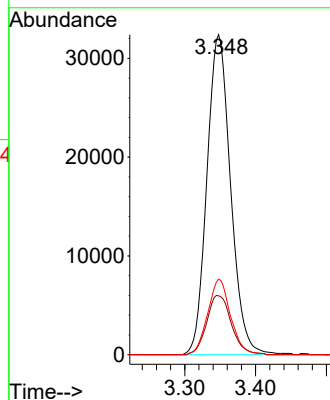
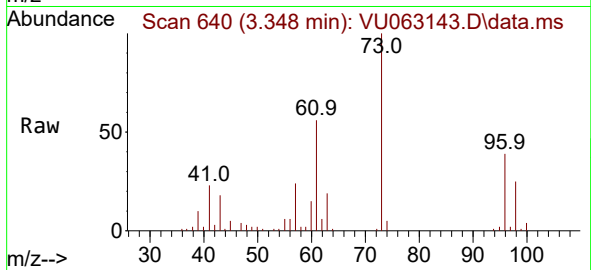
Tgt Ion: 73 Resp: 75280

Ion Ratio Lower Upper

73 100

43 19.3 15.1 22.7

57 22.8 18.7 28.1



#18

trans-1,2-Dichloroethene

Concen: 5.055 ug/L

RT: 3.338 min Scan# 637

Delta R.T. -0.000 min

Lab File: VU063143.D

Acq: 05 Feb 2025 01:09

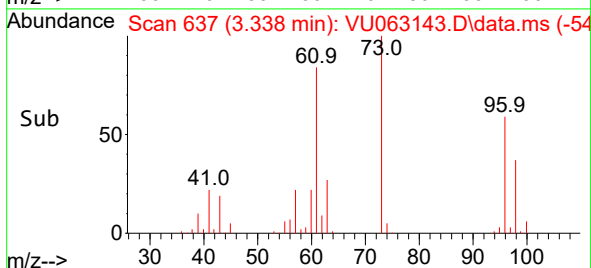
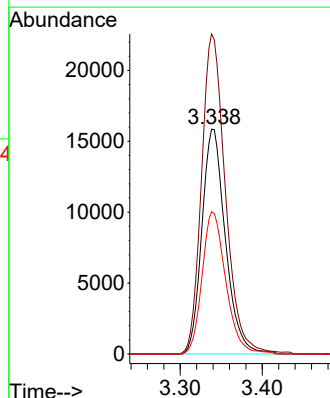
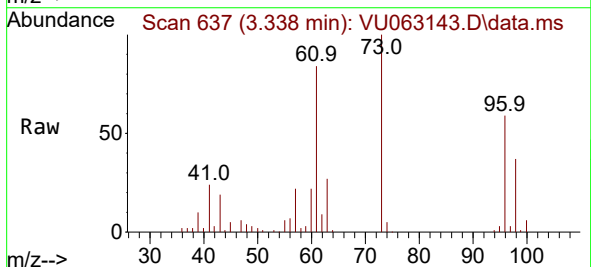
Tgt Ion: 96 Resp: 31629

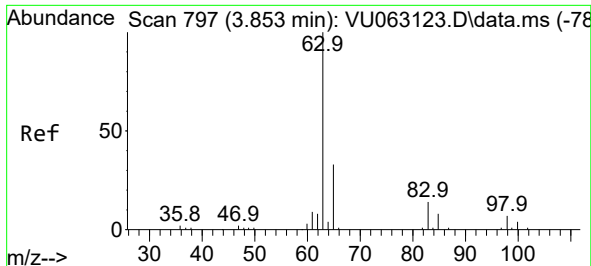
Ion Ratio Lower Upper

96 100

61 142.3 99.2 184.2

98 63.3 43.2 80.2

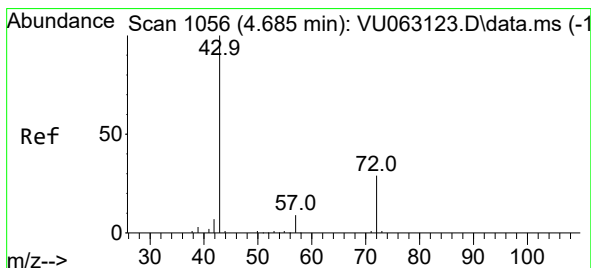
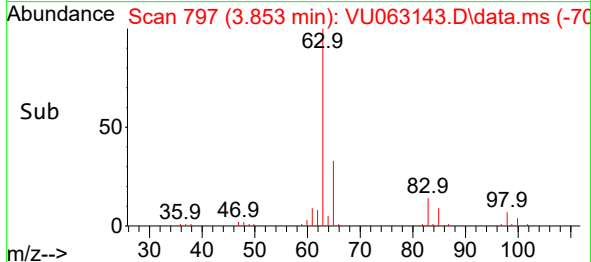
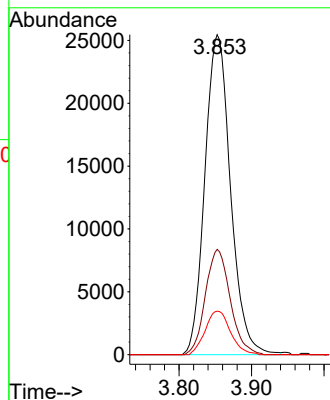
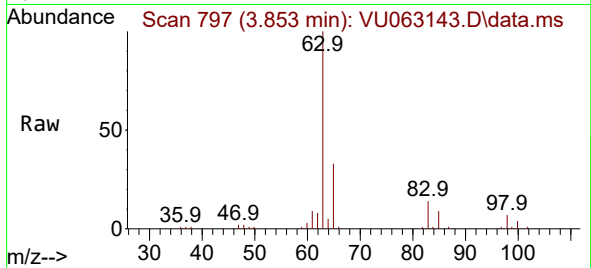




#19
1,1-Dichloroethane
Concen: 4.976 ug/L
RT: 3.853 min Scan# 797
Delta R.T. -0.000 min
Lab File: VU063143.D
Acq: 05 Feb 2025 01:09

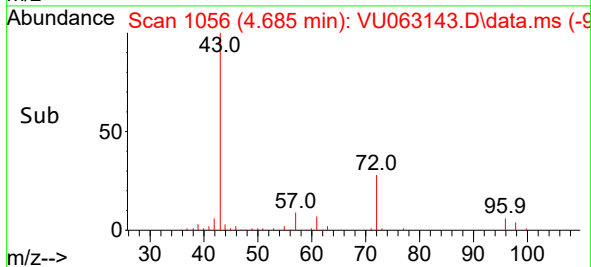
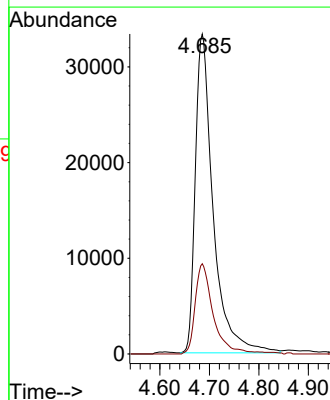
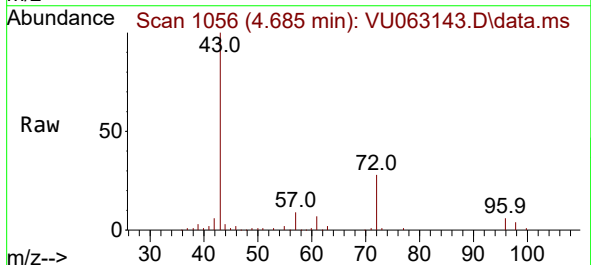
Instrument :
MSVOA_U
ClientSampleId :
E2975MSD

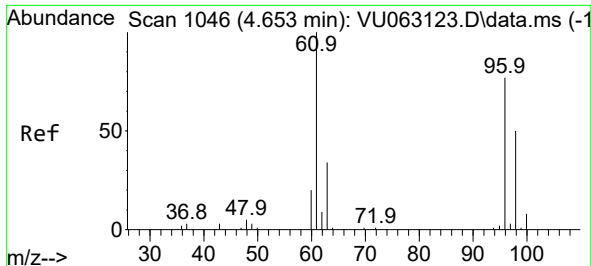
Tgt Ion: 63 Resp: 62600
Ion Ratio Lower Upper
63 100
65 32.9 23.2 43.0
83 13.6 8.7 16.1



#21
2-Butanone
Concen: 47.147 ug/L
RT: 4.685 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VU063143.D
Acq: 05 Feb 2025 01:09

Tgt Ion: 43 Resp: 83566
Ion Ratio Lower Upper
43 100
72 28.3 13.9 41.7





#22

cis-1,2-Dichloroethene

Concen: 5.093 ug/L

RT: 4.650 min Scan# 1046

Delta R.T. -0.003 min

Lab File: VU063143.D

Acq: 05 Feb 2025 01:09

Instrument :

MSVOA_U

ClientSampleId :

E2975MSD

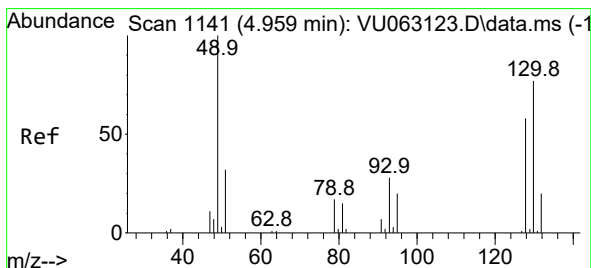
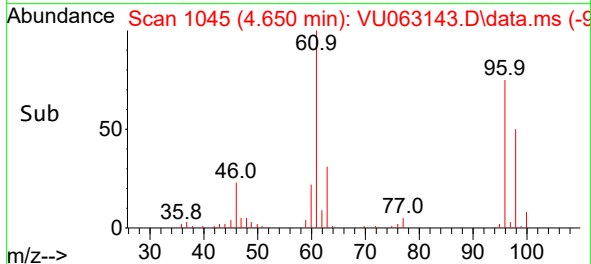
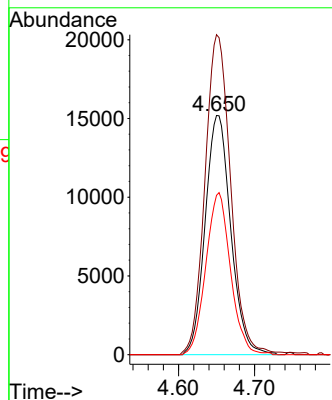
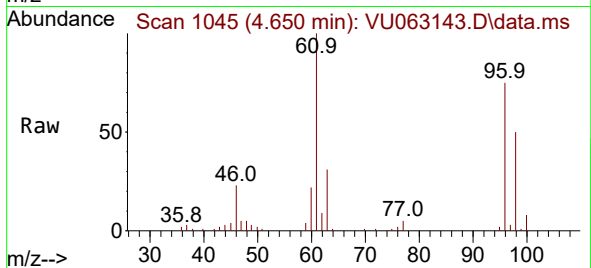
Tgt Ion: 96 Resp: 35549

Ion Ratio Lower Upper

96 100

61 133.8 91.8 170.6

98 66.6 44.4 82.4



#23

Bromochloromethane

Concen: 4.926 ug/L

RT: 4.959 min Scan# 1141

Delta R.T. -0.000 min

Lab File: VU063143.D

Acq: 05 Feb 2025 01:09

Tgt Ion:128 Resp: 15423

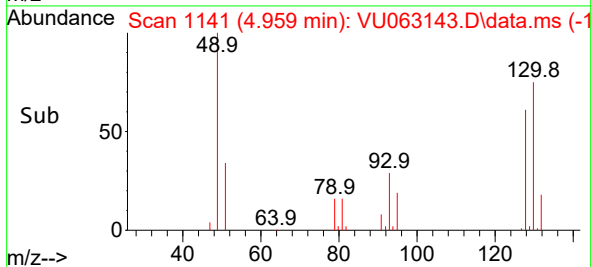
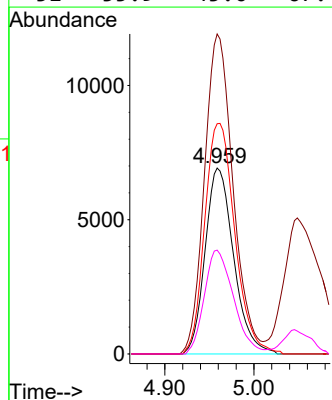
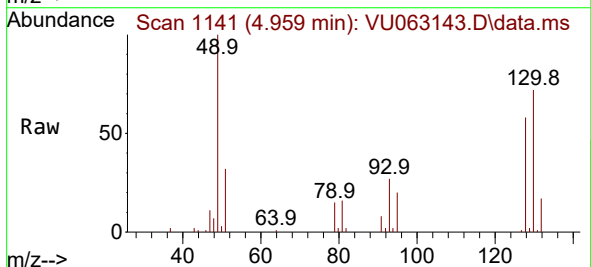
Ion Ratio Lower Upper

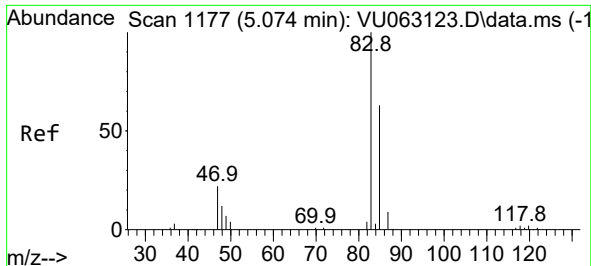
128 100

49 172.1 121.2 225.2

130 123.8 89.2 165.6

51 55.9 45.0 67.4

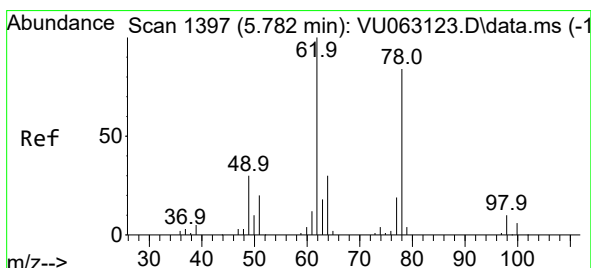
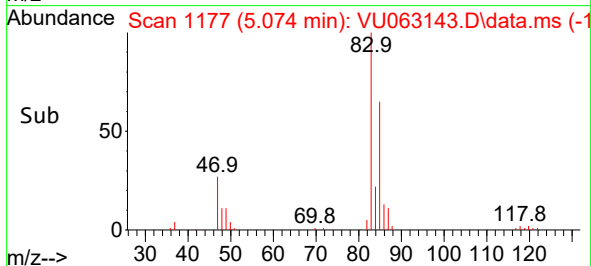
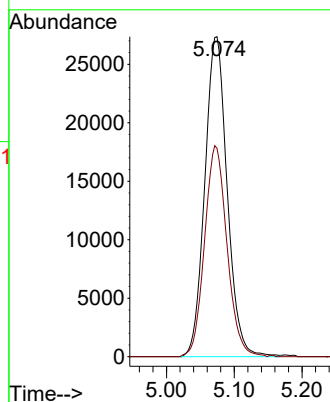
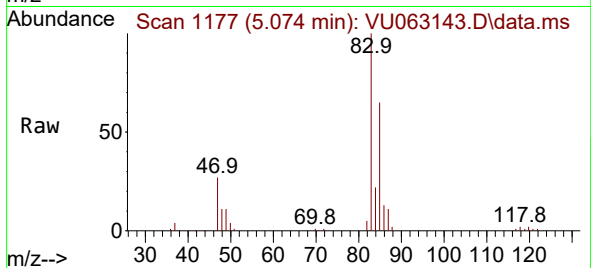




#25
Chloroform
Concen: 5.076 ug/L
RT: 5.074 min Scan# 1177
Delta R.T. -0.000 min
Lab File: VU063143.D
Acq: 05 Feb 2025 01:09

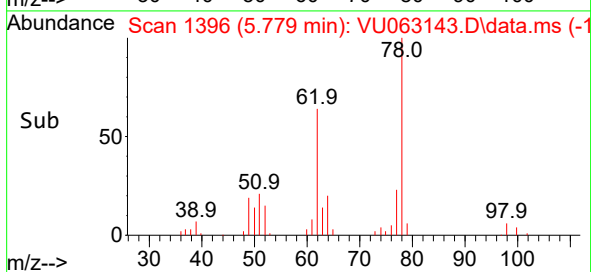
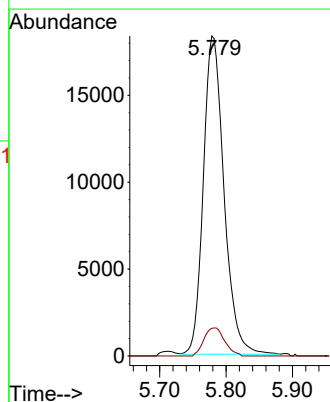
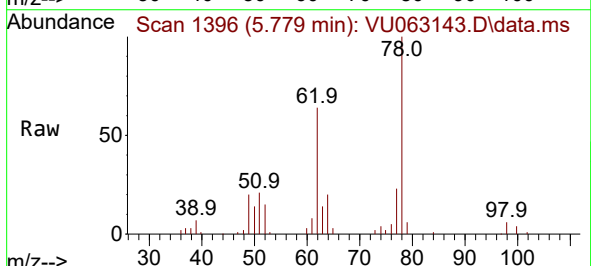
Instrument :
MSVOA_U
ClientSampleId :
E2975MSD

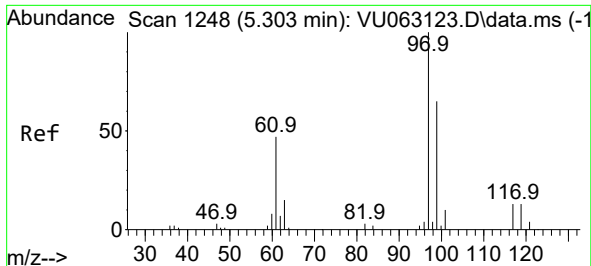
Tgt Ion: 83 Resp: 62849
Ion Ratio Lower Upper
83 100
85 65.1 45.6 84.8



#27
1,2-Dichloroethane
Concen: 4.854 ug/L
RT: 5.779 min Scan# 1396
Delta R.T. -0.003 min
Lab File: VU063143.D
Acq: 05 Feb 2025 01:09

Tgt Ion: 62 Resp: 39593
Ion Ratio Lower Upper
62 100
98 8.7 7.2 10.8





#29

1,1,1-Trichloroethane

Concen: 5.085 ug/L

RT: 5.303 min Scan# 1248

Delta R.T. -0.000 min

Lab File: VU063143.D

Acq: 05 Feb 2025 01:09

Instrument :

MSVOA_U

ClientSampleId :

E2975MSD

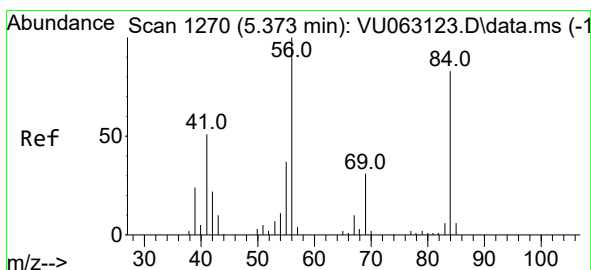
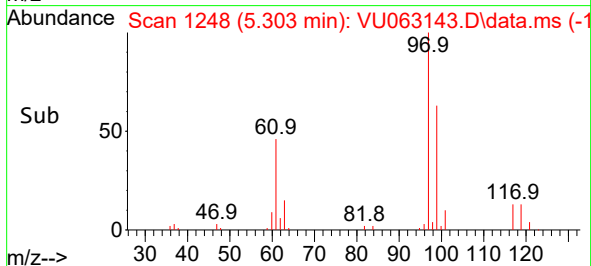
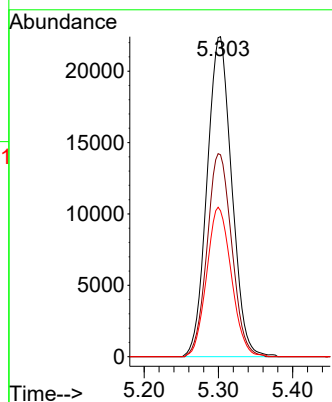
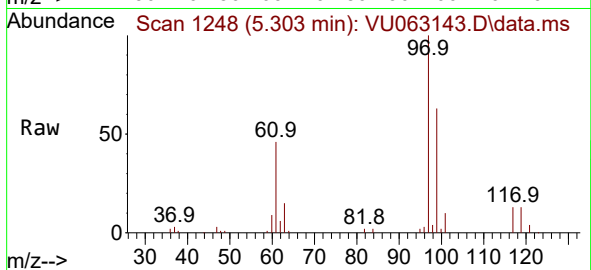
Tgt Ion: 97 Resp: 51773

Ion Ratio Lower Upper

97 100

99 63.4 51.5 77.3

61 46.7 38.5 57.7



#30

Cyclohexane

Concen: 5.122 ug/L

RT: 5.373 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VU063143.D

Acq: 05 Feb 2025 01:09

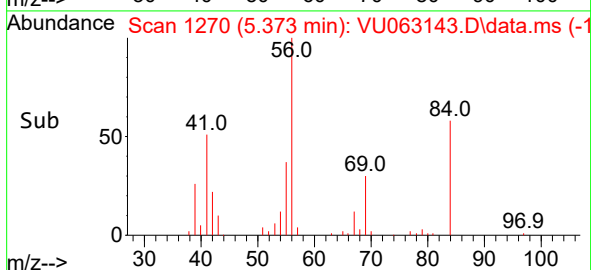
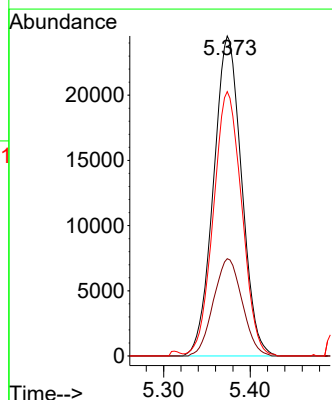
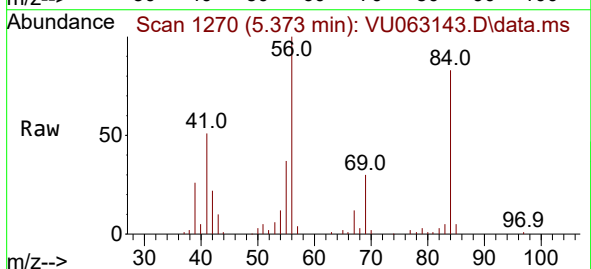
Tgt Ion: 56 Resp: 55199

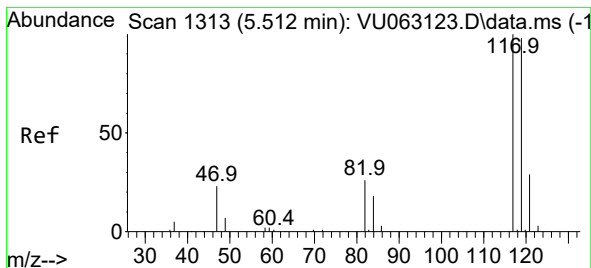
Ion Ratio Lower Upper

56 100

69 31.1 24.6 37.0

84 83.7 67.9 101.9





#31

Carbon tetrachloride

Concen: 5.101 ug/L

RT: 5.512 min Scan# 117

Delta R.T. -0.000 min

Lab File: VU063143.D

Acq: 05 Feb 2025 01:09

Instrument :

MSVOA_U

ClientSampleId :

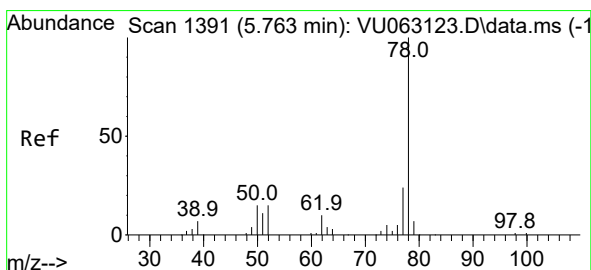
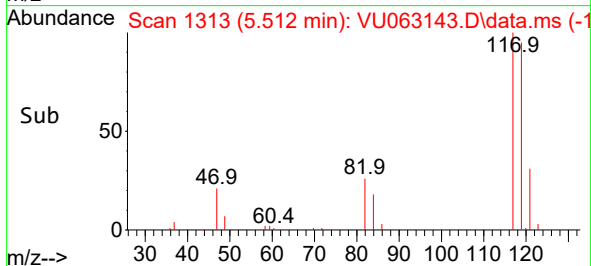
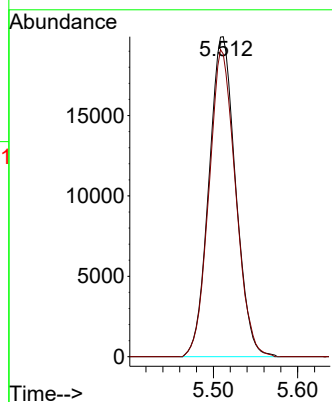
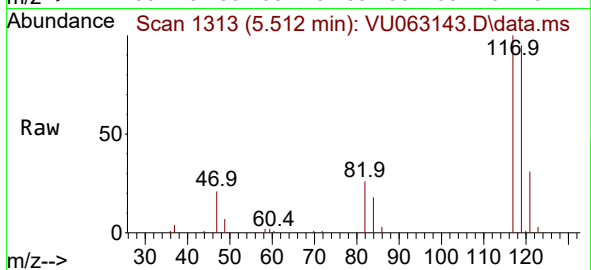
E2975MSD

Tgt Ion:117 Resp: 43818

Ion Ratio Lower Upper

117 100

119 95.5 77.0 115.4



#33

Benzene

Concen: 5.086 ug/L

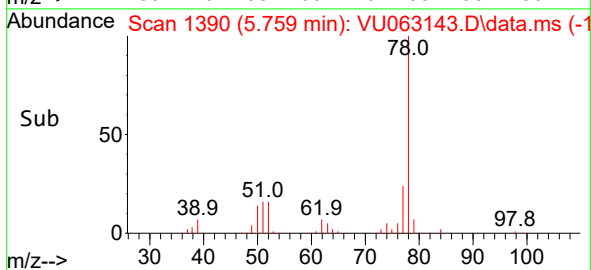
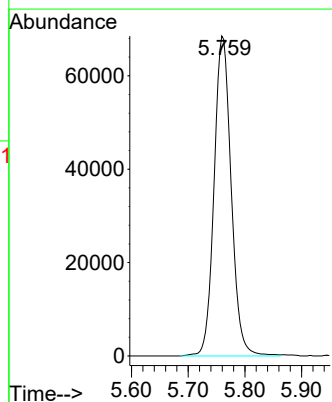
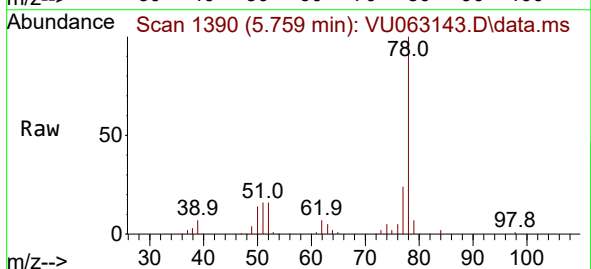
RT: 5.759 min Scan# 1390

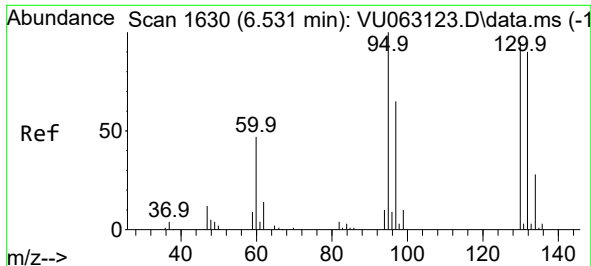
Delta R.T. -0.003 min

Lab File: VU063143.D

Acq: 05 Feb 2025 01:09

Tgt Ion: 78 Resp: 143969

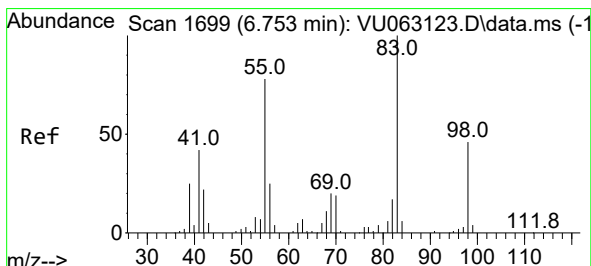
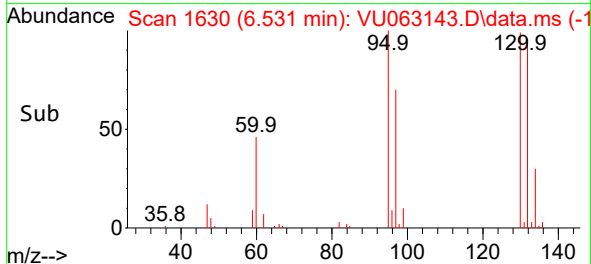
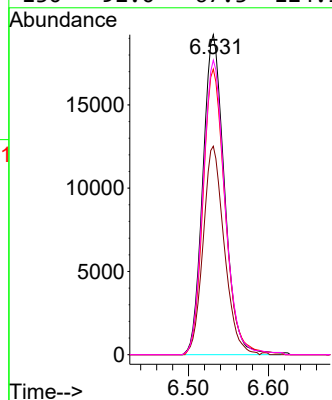
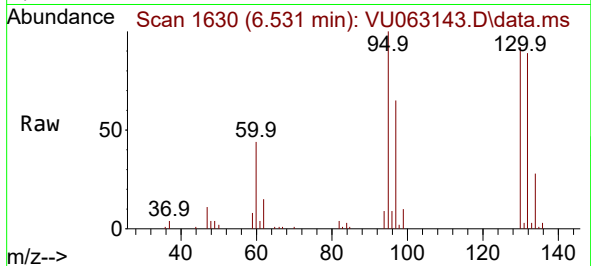




#34
Trichloroethene
Concen: 5.034 ug/L
RT: 6.531 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VU063143.D
Acq: 05 Feb 2025 01:09

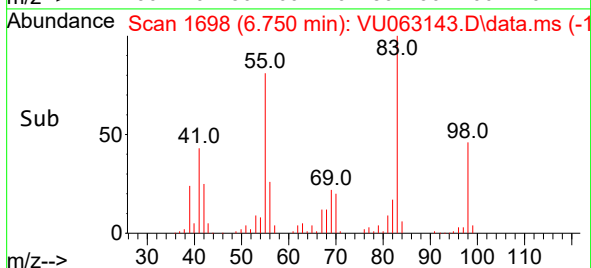
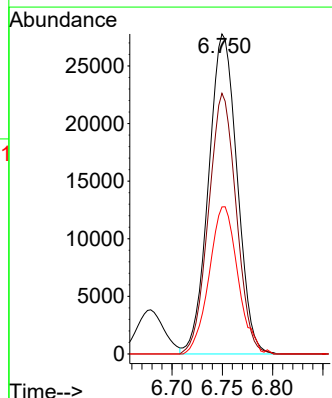
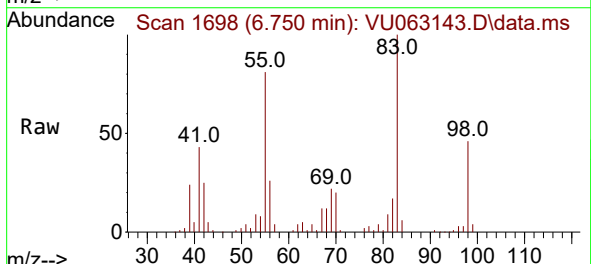
Instrument :
MSVOA_U
ClientSampleId :
E2975MSD

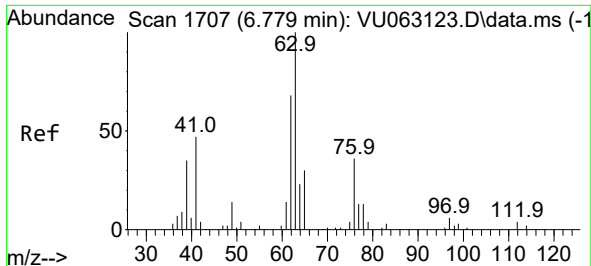
Tgt Ion: 95 Resp: 36189
Ion Ratio Lower Upper
95 100
97 65.1 46.7 86.7
132 89.3 62.4 115.8
130 92.0 67.3 124.9



#35
Methylcyclohexane
Concen: 5.090 ug/L
RT: 6.750 min Scan# 1698
Delta R.T. -0.003 min
Lab File: VU063143.D
Acq: 05 Feb 2025 01:09

Tgt Ion: 83 Resp: 54832
Ion Ratio Lower Upper
83 100
55 78.9 62.8 94.2
98 46.3 36.0 54.0





#37

1,2-Dichloropropane

Concen: 4.999 ug/L

RT: 6.775 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU063143.D

Acq: 05 Feb 2025 01:09

Instrument :

MSVOA_U

ClientSampleId :

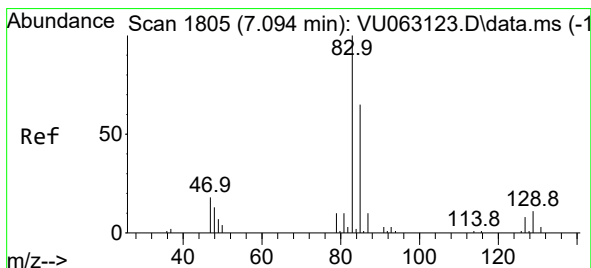
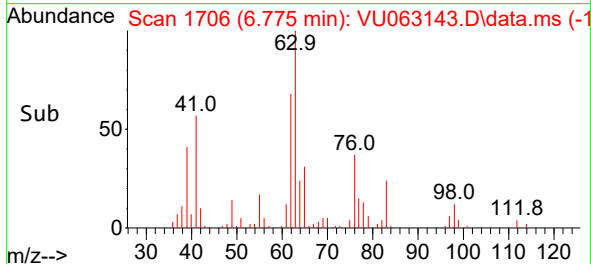
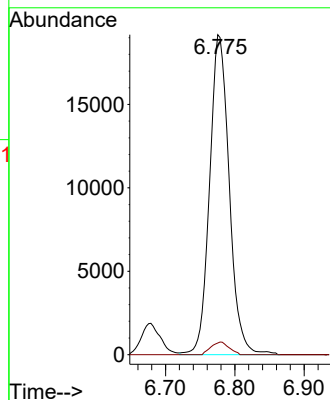
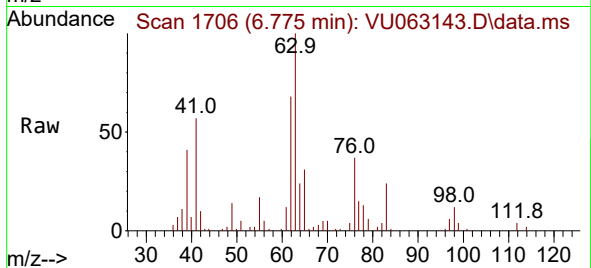
E2975MSD

Tgt Ion: 63 Resp: 37740

Ion Ratio Lower Upper

63 100

112 3.6 2.6 4.0



#38

Bromodichloromethane

Concen: 4.867 ug/L

RT: 7.094 min Scan# 1805

Delta R.T. -0.000 min

Lab File: VU063143.D

Acq: 05 Feb 2025 01:09

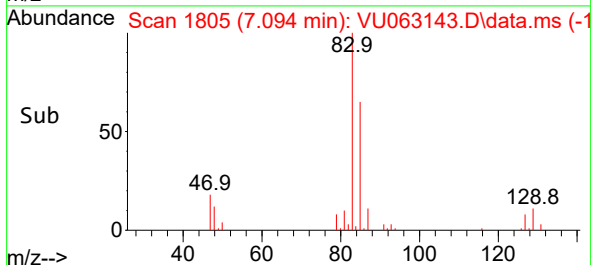
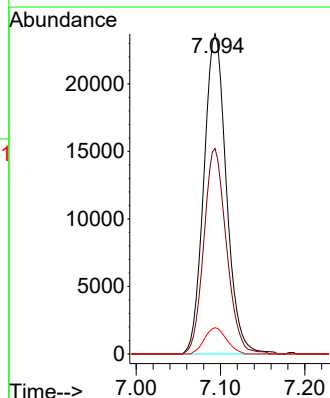
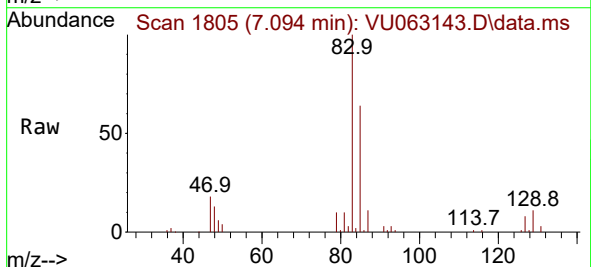
Tgt Ion: 83 Resp: 44118

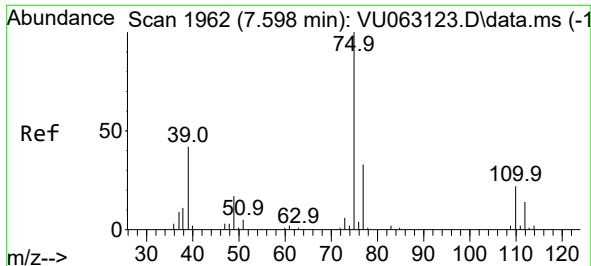
Ion Ratio Lower Upper

83 100

85 64.2 44.0 81.8

127 8.2 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 4.772 ug/L

RT: 7.595 min Scan# 1961

Delta R.T. -0.003 min

Lab File: VU063143.D

Acq: 05 Feb 2025 01:09

Instrument :

MSVOA_U

ClientSampleId :

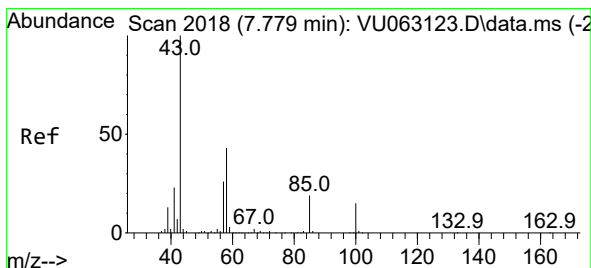
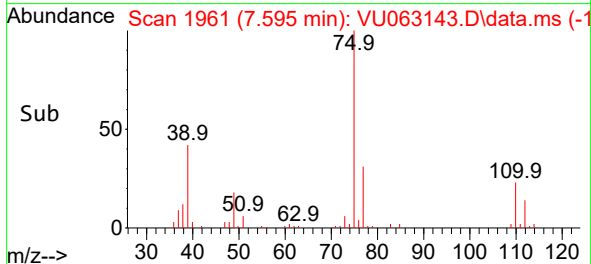
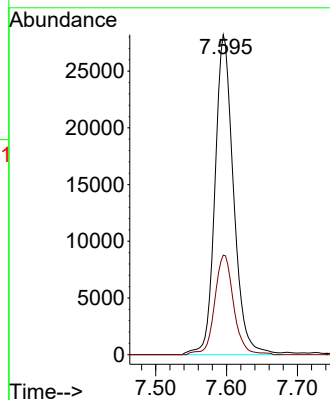
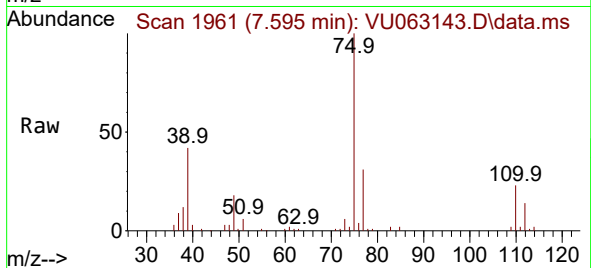
E2975MSD

Tgt Ion: 75 Resp: 51376

Ion Ratio Lower Upper

75 100

77 31.1 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 46.132 ug/L

RT: 7.775 min Scan# 2017

Delta R.T. -0.003 min

Lab File: VU063143.D

Acq: 05 Feb 2025 01:09

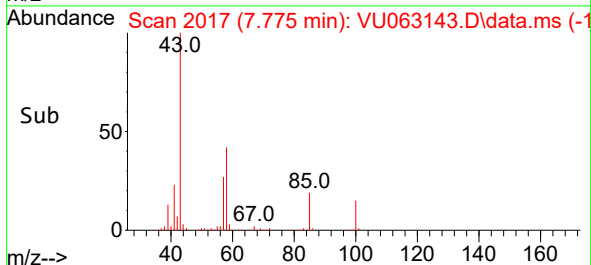
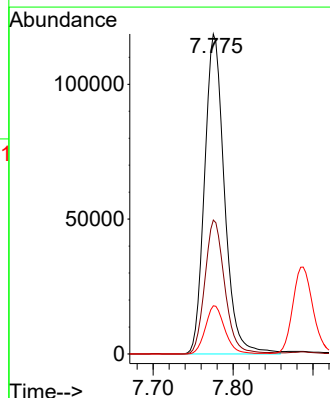
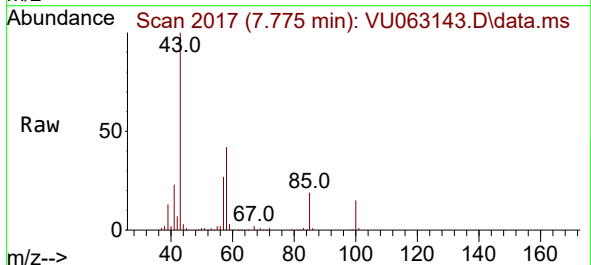
Tgt Ion: 43 Resp: 205558

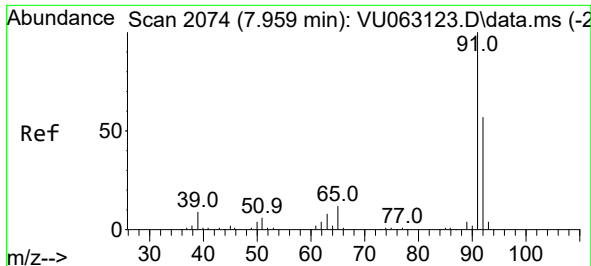
Ion Ratio Lower Upper

43 100

58 41.9 33.7 50.5

100 14.7 12.1 18.1





#42

Toluene

Concen: 5.144 ug/L

RT: 7.959 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VU063143.D

Acq: 05 Feb 2025 01:09

Instrument :

MSVOA_U

ClientSampleId :

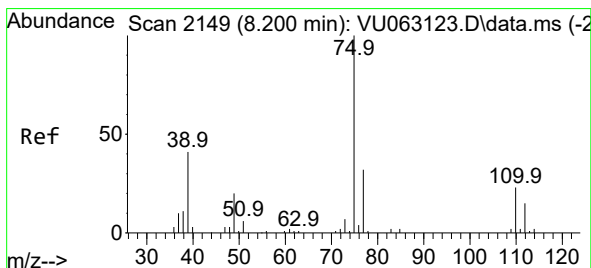
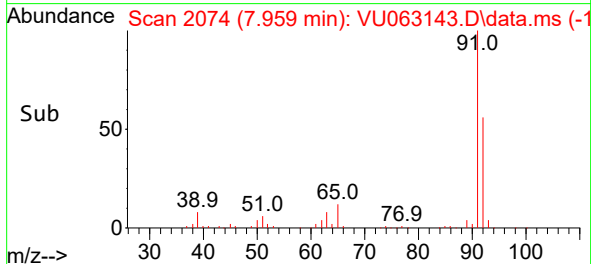
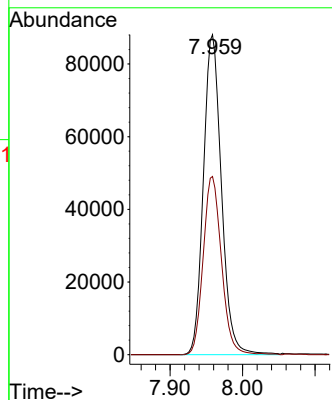
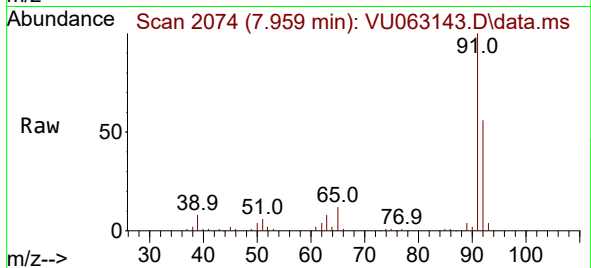
E2975MSD

Tgt Ion: 91 Resp: 152192

Ion Ratio Lower Upper

91 100

92 55.7 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 4.667 ug/L

RT: 8.200 min Scan# 2149

Delta R.T. -0.000 min

Lab File: VU063143.D

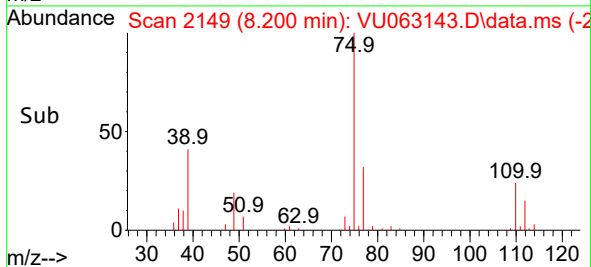
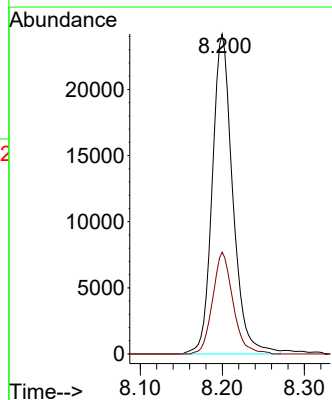
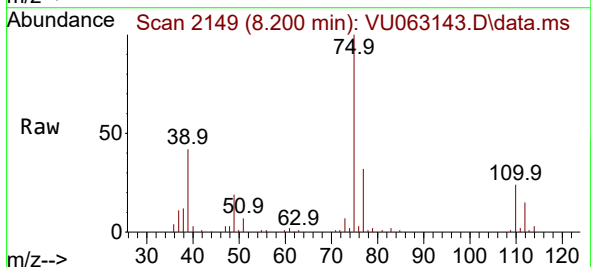
Acq: 05 Feb 2025 01:09

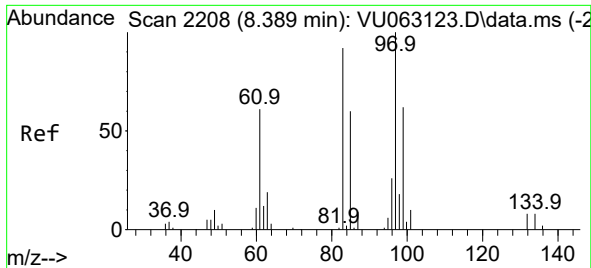
Tgt Ion: 75 Resp: 42063

Ion Ratio Lower Upper

75 100

77 31.8 21.6 40.0



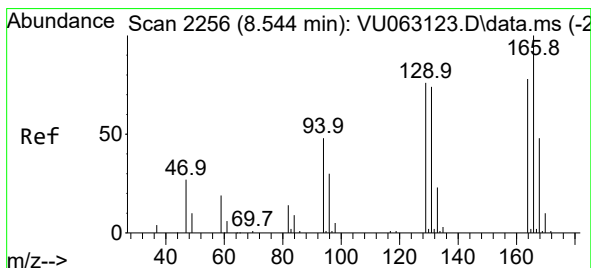
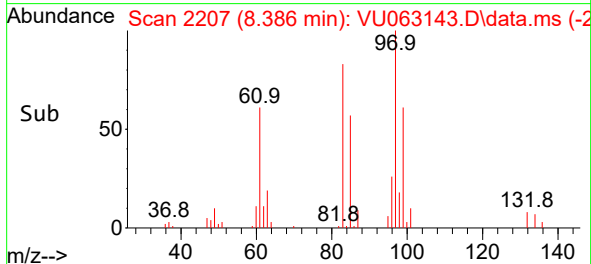
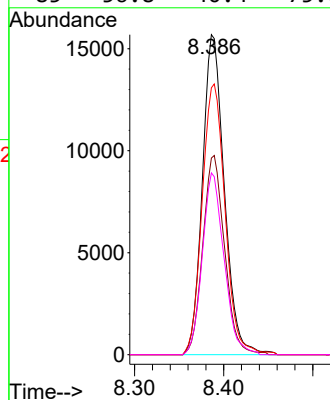
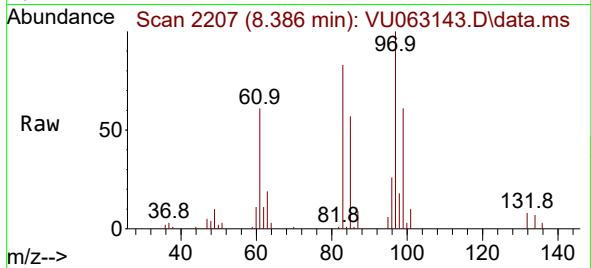


#45
1,1,2-Trichloroethane
Concen: 4.808 ug/L
RT: 8.386 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU063143.D
Acq: 05 Feb 2025 01:09

Instrument :
MSVOA_U
ClientSampleId :
E2975MSD

Tgt Ion: 97 Resp: 26804

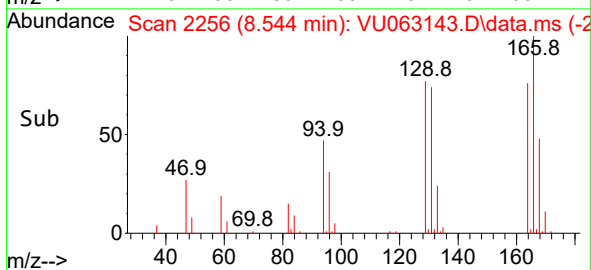
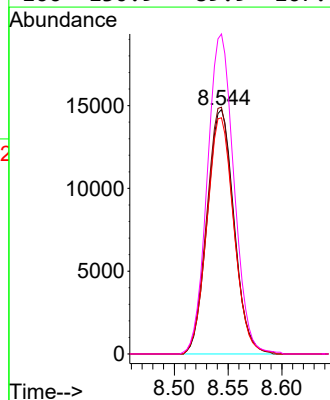
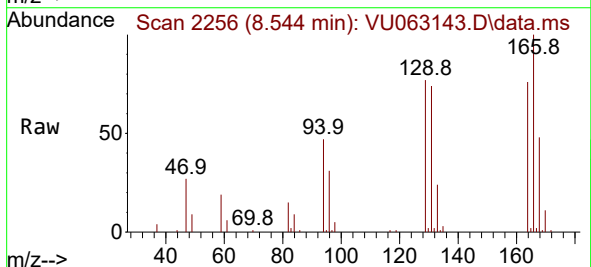
Ion	Ratio	Lower	Upper
97	100		
99	61.4	42.2	78.4
83	83.4	62.9	116.9
85	56.8	40.4	75.0

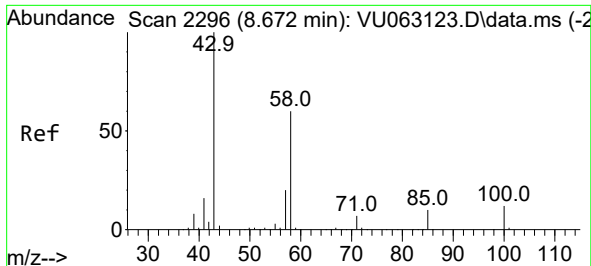


#47
Tetrachloroethene
Concen: 5.057 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU063143.D
Acq: 05 Feb 2025 01:09

Tgt Ion: 164 Resp: 25534

Ion	Ratio	Lower	Upper
164	100		
129	100.9	68.6	127.4
131	96.6	66.5	123.5
166	130.9	89.9	167.0

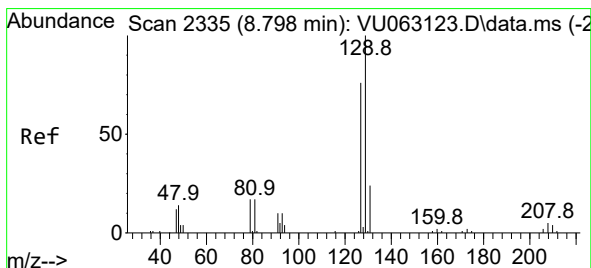
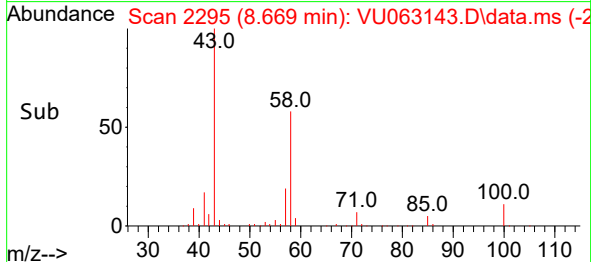
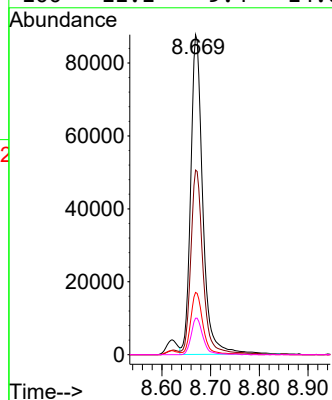
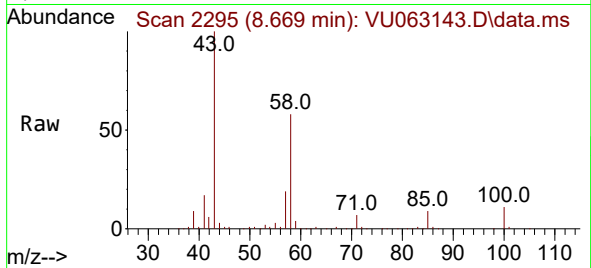




#48
2-Hexanone
Concen: 48.092 ug/L
RT: 8.669 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU063143.D
Acq: 05 Feb 2025 01:09

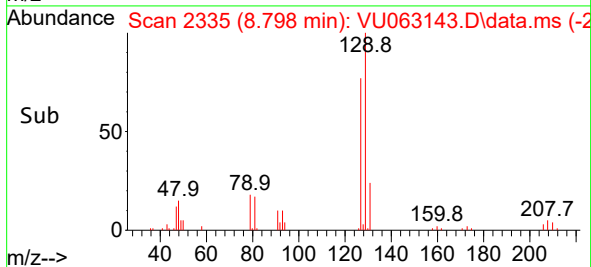
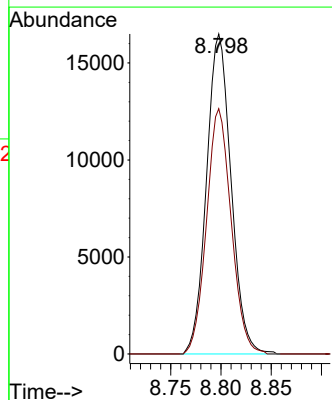
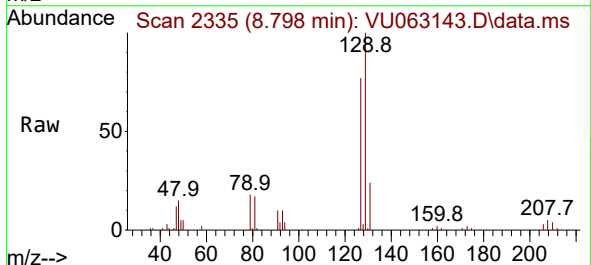
Instrument :
MSVOA_U
ClientSampleId :
E2975MSD

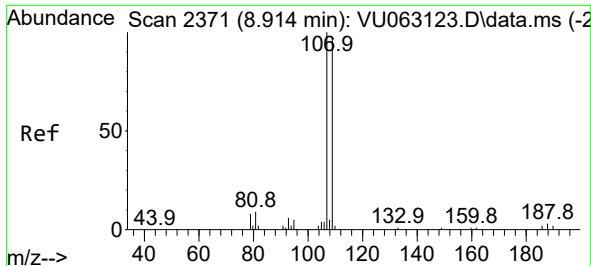
Tgt Ion: 43 Resp: 151182
Ion Ratio Lower Upper
43 100
58 58.5 45.8 68.8
57 19.0 15.7 23.5
100 11.1 9.4 14.0



#49
Dibromochloromethane
Concen: 4.778 ug/L
RT: 8.798 min Scan# 2335
Delta R.T. -0.000 min
Lab File: VU063143.D
Acq: 05 Feb 2025 01:09

Tgt Ion: 129 Resp: 28040
Ion Ratio Lower Upper
129 100
127 76.6 53.8 99.8

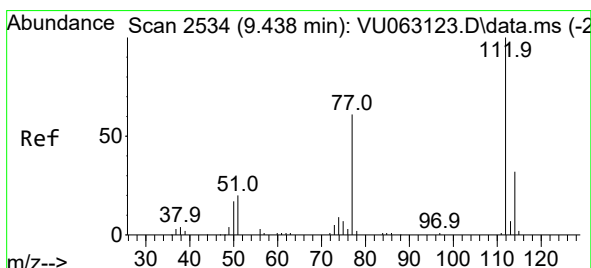
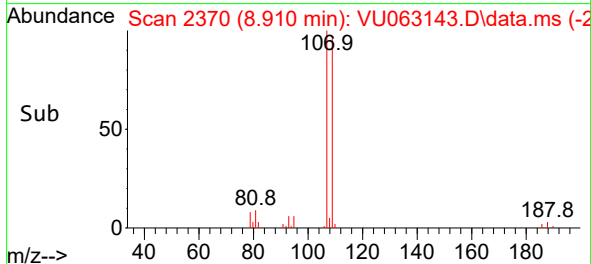
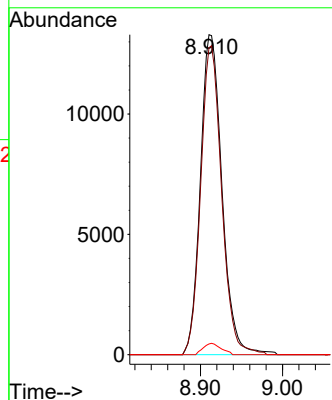
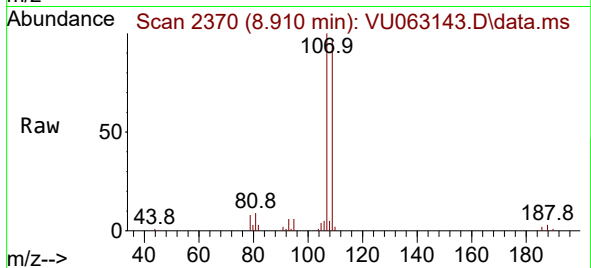




#50
1,2-Dibromoethane
Concen: 4.754 ug/L
RT: 8.910 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU063143.D
Acq: 05 Feb 2025 01:09

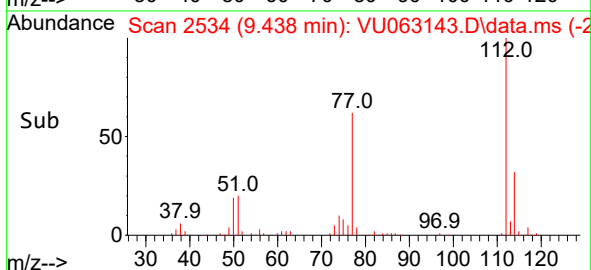
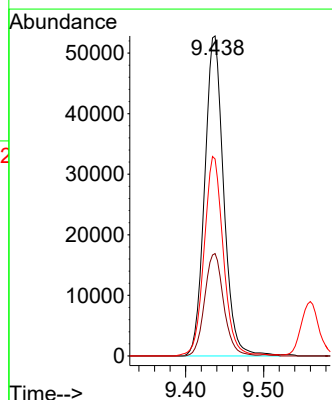
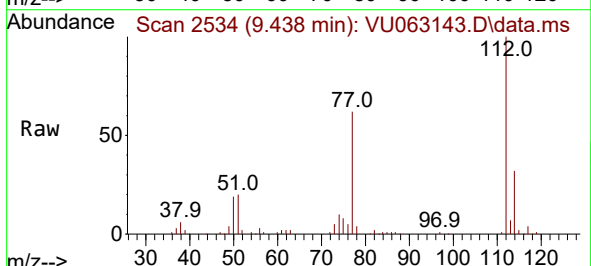
Instrument :
MSVOA_U
ClientSampleId :
E2975MSD

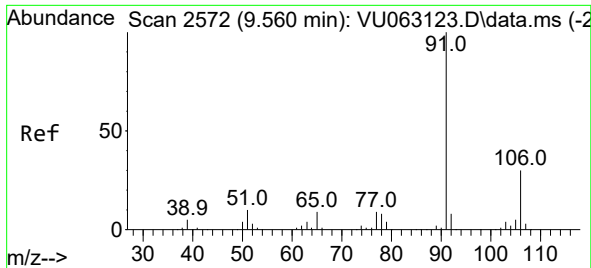
Tgt Ion:	107	Resp:	24311
Ion	Ratio	Lower	Upper
107	100		
109	95.9	67.6	125.6
188	3.4	2.6	3.8



#51
Chlorobenzene
Concen: 5.011 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. -0.000 min
Lab File: VU063143.D
Acq: 05 Feb 2025 01:09

Tgt Ion:	112	Resp:	89492
Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.6	42.0
77	61.6	50.8	76.2

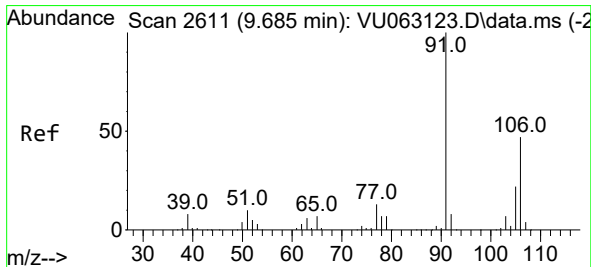
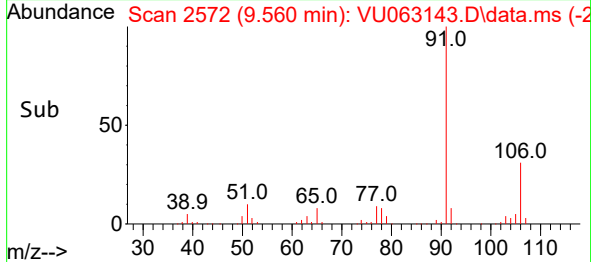
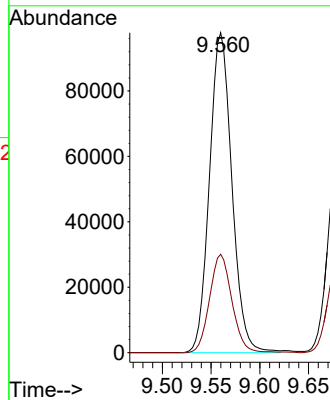
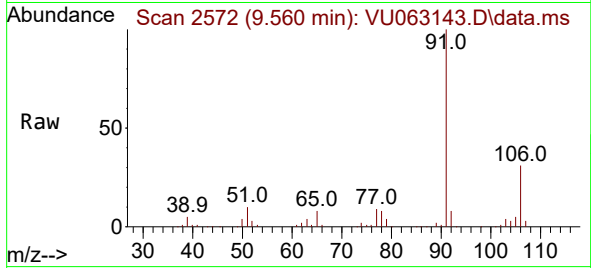




#52
Ethylbenzene
Concen: 5.051 ug/L
RT: 9.560 min Scan# 2100
Delta R.T. -0.000 min
Lab File: VU063143.D
Acq: 05 Feb 2025 01:09

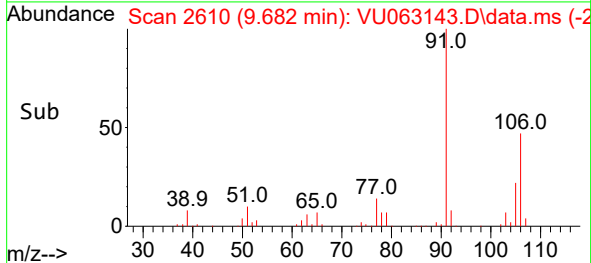
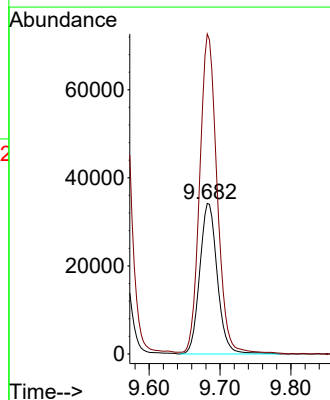
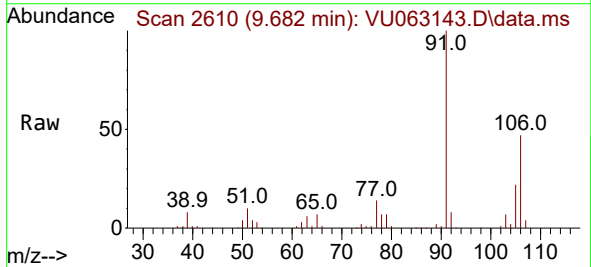
Instrument :
MSVOA_U
ClientSampleId :
E2975MSD

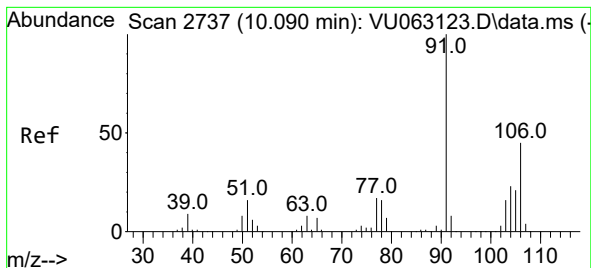
Tgt Ion: 91 Resp: 156304
Ion Ratio Lower Upper
91 100
106 30.8 21.3 39.6



#53
m,p-Xylene
Concen: 5.267 ug/L
RT: 9.682 min Scan# 2610
Delta R.T. -0.003 min
Lab File: VU063143.D
Acq: 05 Feb 2025 01:09

Tgt Ion: 106 Resp: 58794
Ion Ratio Lower Upper
106 100
91 212.5 147.3 273.6





#54

o-Xylene

Concen: 5.119 ug/L

RT: 10.090 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU063143.D

Acq: 05 Feb 2025 01:09

Instrument :

MSVOA_U

ClientSampleId :

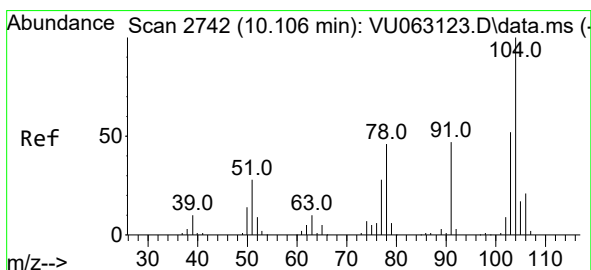
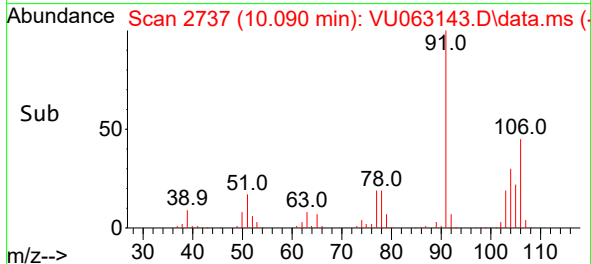
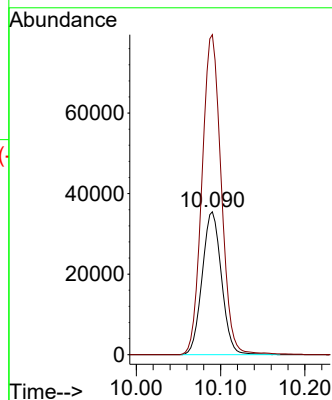
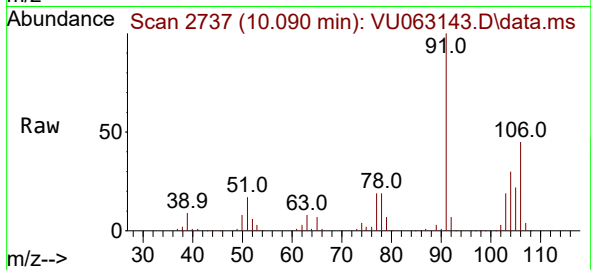
E2975MSD

Tgt Ion:106 Resp: 56660

Ion Ratio Lower Upper

106 100

91 223.9 155.4 288.6



#55

Styrene

Concen: 5.189 ug/L

RT: 10.103 min Scan# 2741

Delta R.T. -0.003 min

Lab File: VU063143.D

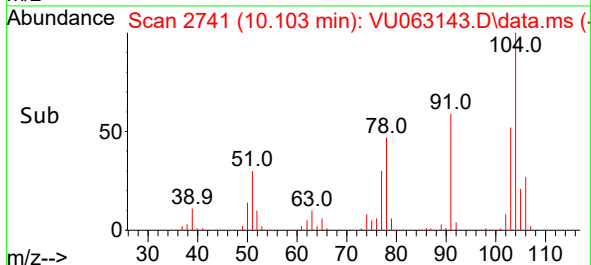
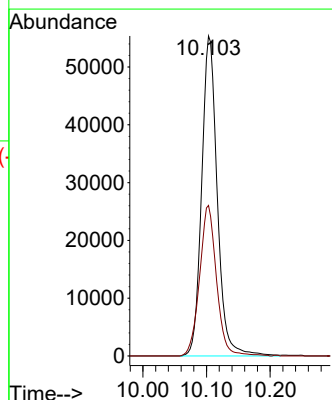
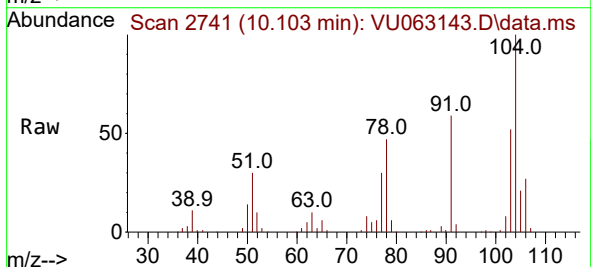
Acq: 05 Feb 2025 01:09

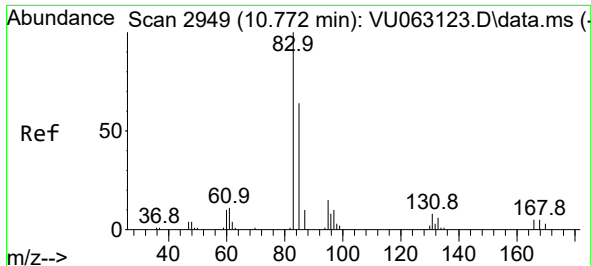
Tgt Ion:104 Resp: 94535

Ion Ratio Lower Upper

104 100

78 47.1 31.6 58.6





#57

1,1,2,2-Tetrachloroethane

Concen: 4.668 ug/L

RT: 10.769 min Scan# 2948

Delta R.T. -0.003 min

Lab File: VU063143.D

Acq: 05 Feb 2025 01:09

Instrument :

MSVOA_U

ClientSampleId :

E2975MSD

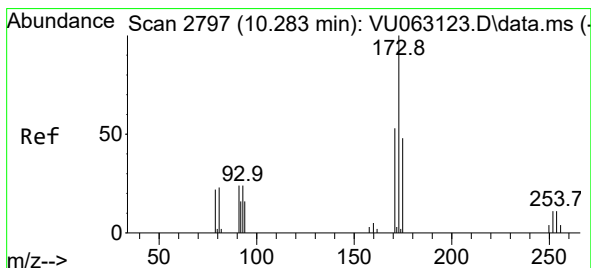
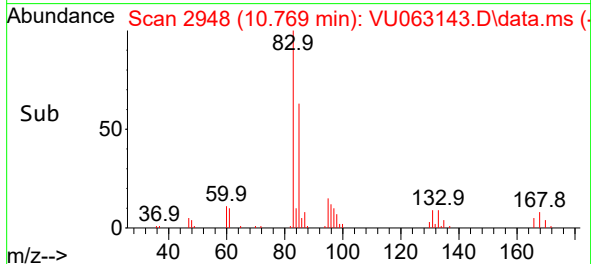
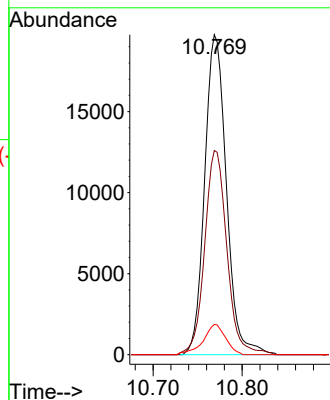
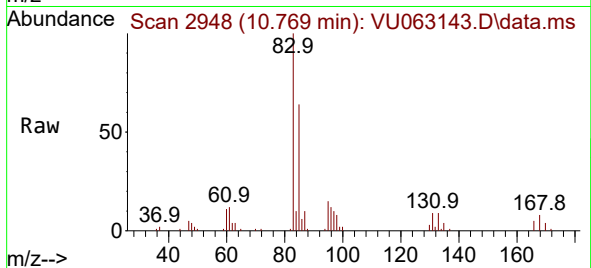
Tgt Ion: 83 Resp: 33407

Ion Ratio Lower Upper

83 100

85 63.8 45.6 84.8

131 9.5 7.4 11.0



#59

Bromoform

Concen: 4.725 ug/L

RT: 10.280 min Scan# 2796

Delta R.T. -0.003 min

Lab File: VU063143.D

Acq: 05 Feb 2025 01:09

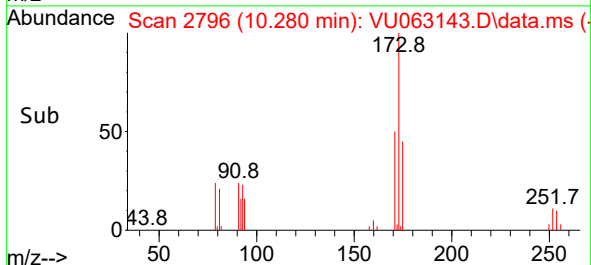
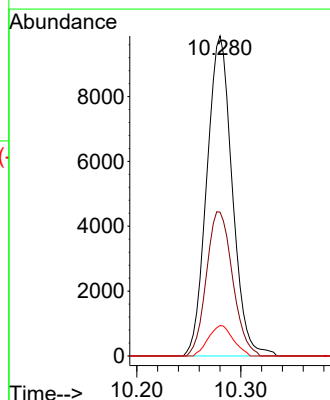
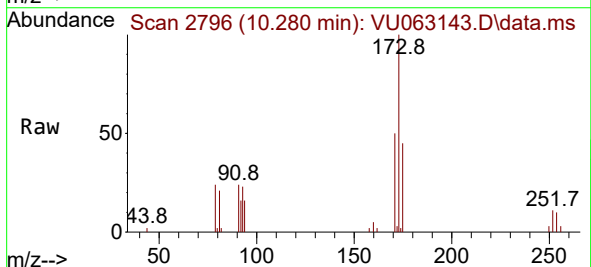
Tgt Ion:173 Resp: 16770

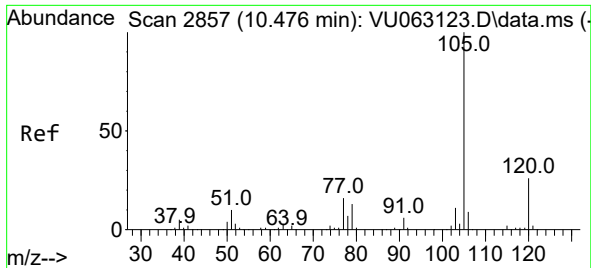
Ion Ratio Lower Upper

173 100

175 46.3 37.7 56.5

254 9.3 7.9 11.9

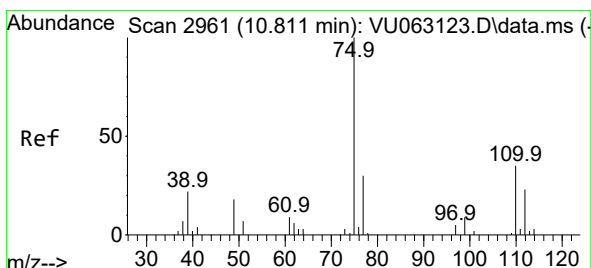
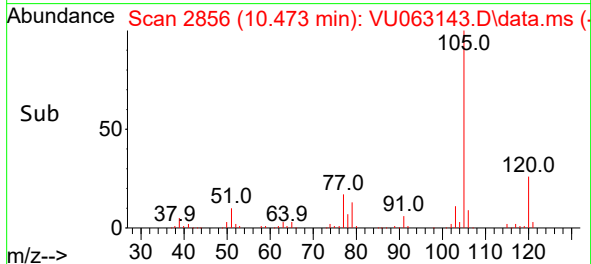
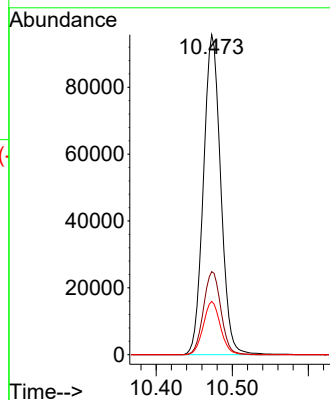
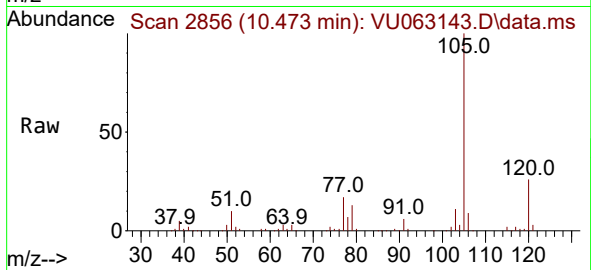




#60
Isopropylbenzene
Concen: 5.170 ug/L
RT: 10.473 min Scan# 2856
Delta R.T. -0.003 min
Lab File: VU063143.D
Acq: 05 Feb 2025 01:09

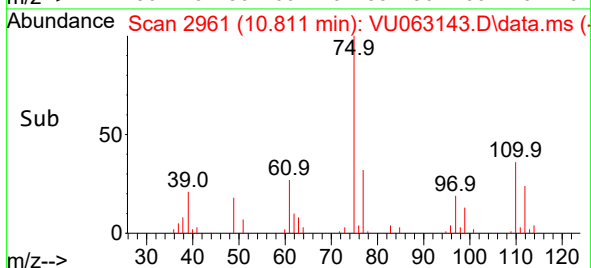
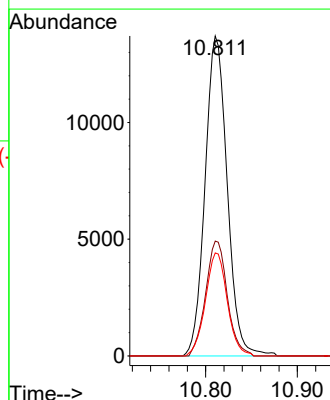
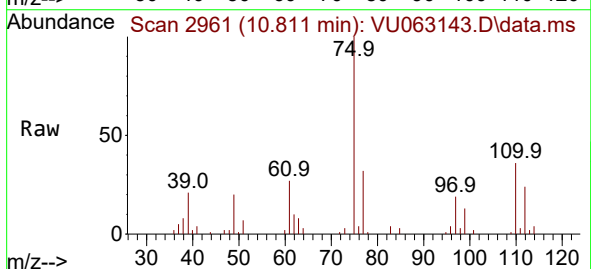
Instrument :
MSVOA_U
ClientSampleId :
E2975MSD

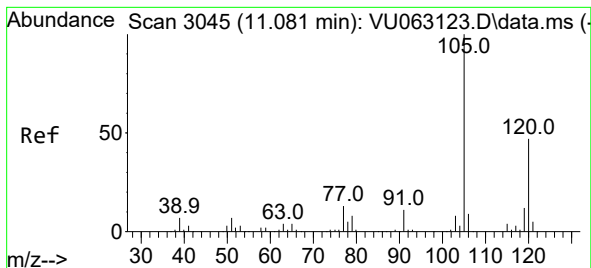
Tgt Ion:105 Resp: 151153
Ion Ratio Lower Upper
105 100
120 26.2 20.8 31.2
77 16.5 13.3 19.9



#61
1,2,3-Trichloropropane
Concen: 4.626 ug/L
RT: 10.811 min Scan# 2961
Delta R.T. -0.000 min
Lab File: VU063143.D
Acq: 05 Feb 2025 01:09

Tgt Ion: 75 Resp: 22982
Ion Ratio Lower Upper
75 100
110 35.3 27.4 41.0
77 31.8 26.3 39.5





#62

1,3,5-Trimethylbenzene

Concen: 5.164 ug/L

RT: 11.077 min Scan# 3044

Delta R.T. -0.003 min

Lab File: VU063143.D

Acq: 05 Feb 2025 01:09

Instrument :

MSVOA_U

ClientSampleId :

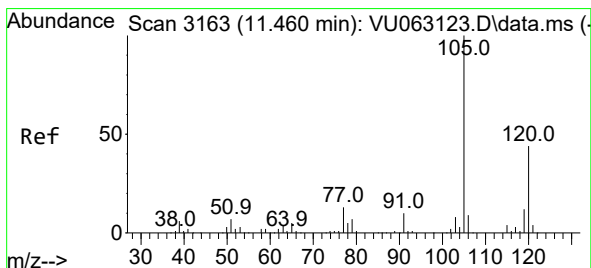
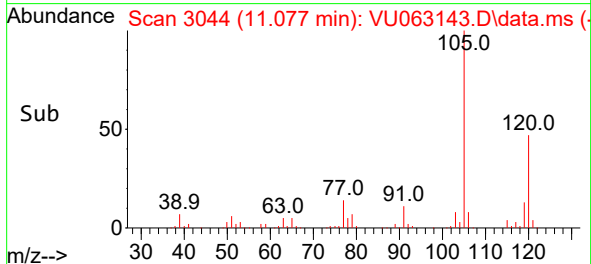
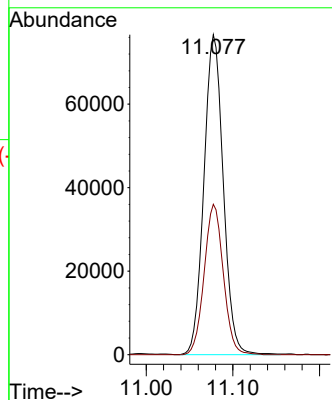
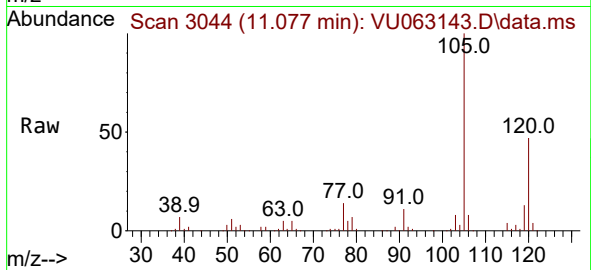
E2975MSD

Tgt Ion:105 Resp: 119082

Ion Ratio Lower Upper

105 100

120 46.5 37.8 56.8



#63

1,2,4-Trimethylbenzene

Concen: 5.319 ug/L

RT: 11.457 min Scan# 3162

Delta R.T. -0.003 min

Lab File: VU063143.D

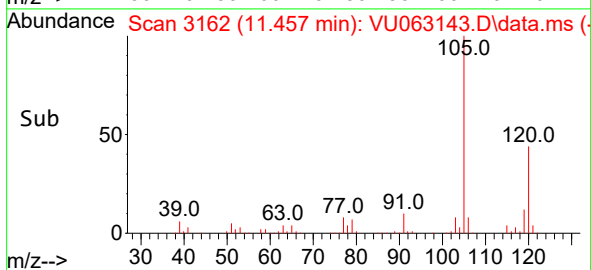
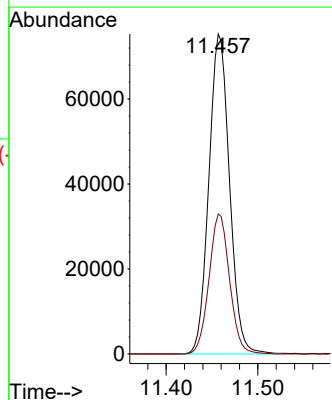
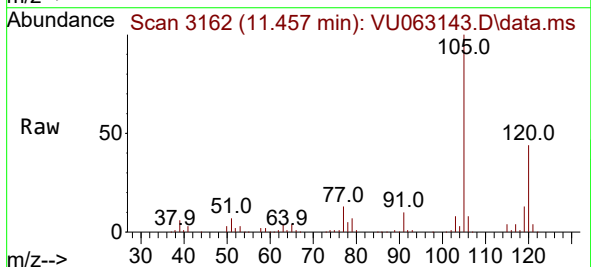
Acq: 05 Feb 2025 01:09

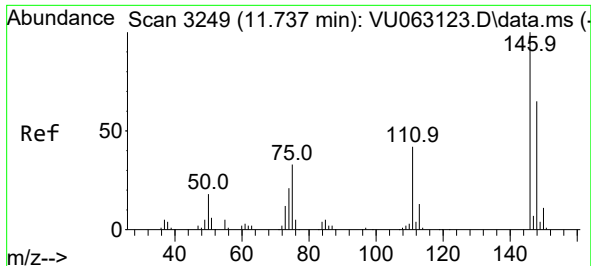
Tgt Ion:105 Resp: 117943

Ion Ratio Lower Upper

105 100

120 43.4 34.7 52.1

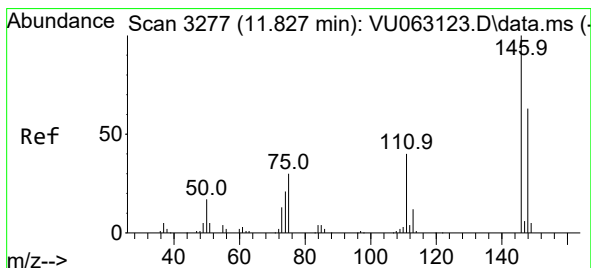
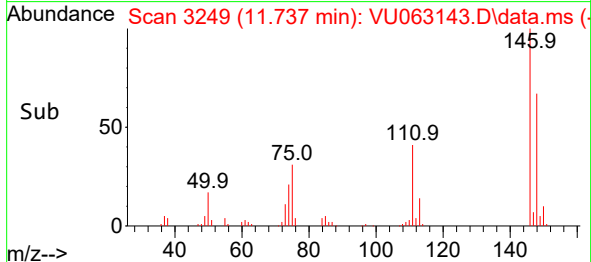
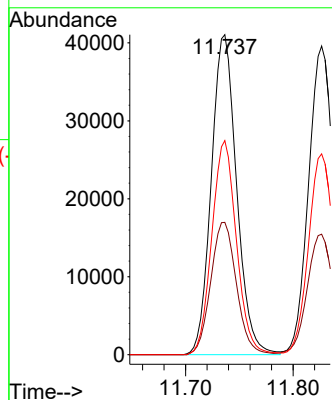
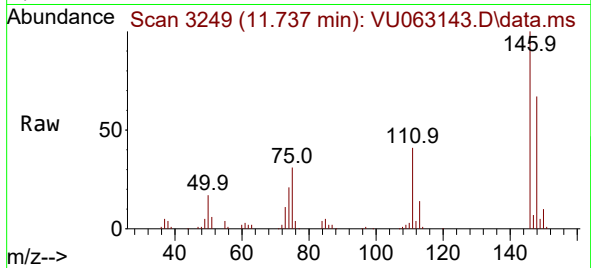




#64
1,3-Dichlorobenzene
Concen: 5.071 ug/L
RT: 11.737 min Scan# 3249
Delta R.T. -0.000 min
Lab File: VU063143.D
Acq: 05 Feb 2025 01:09

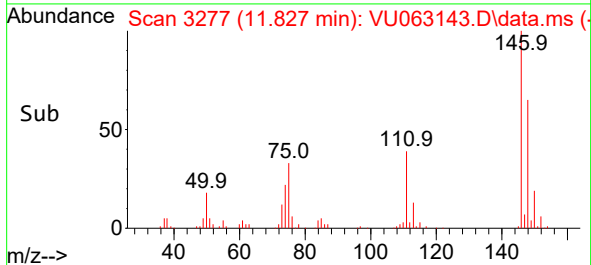
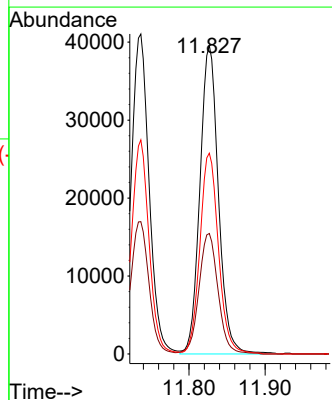
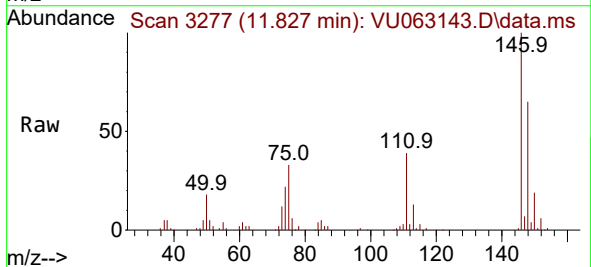
Instrument :
MSVOA_U
ClientSampleId :
E2975MSD

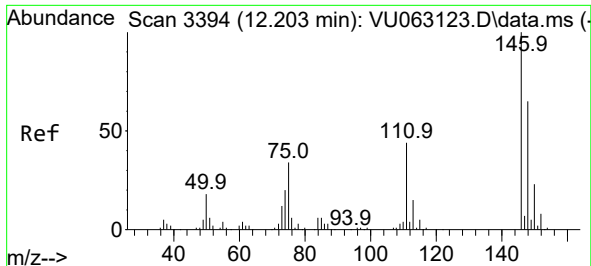
Tgt Ion:146 Resp: 67169
Ion Ratio Lower Upper
146 100
111 41.3 27.9 51.7
148 66.9 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 5.032 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. -0.000 min
Lab File: VU063143.D
Acq: 05 Feb 2025 01:09

Tgt Ion:146 Resp: 67006
Ion Ratio Lower Upper
146 100
111 39.0 28.5 52.9
148 65.1 45.4 84.2





#67

1,2-Dichlorobenzene

Concen: 5.139 ug/L

RT: 12.203 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU063143.D

Acq: 05 Feb 2025 01:09

Instrument :

MSVOA_U

ClientSampleId :

E2975MSD

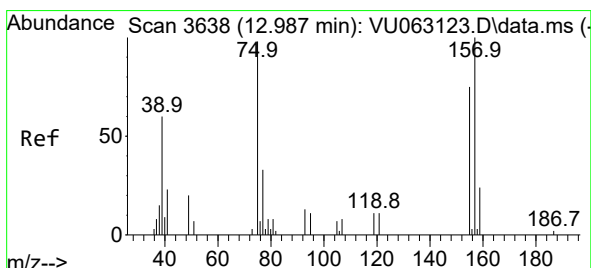
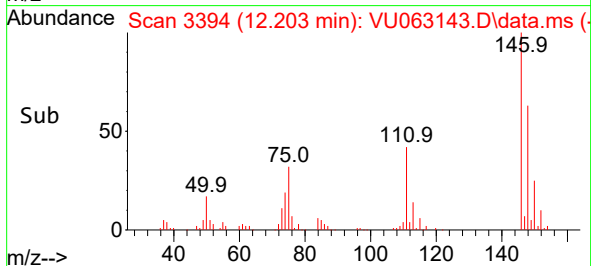
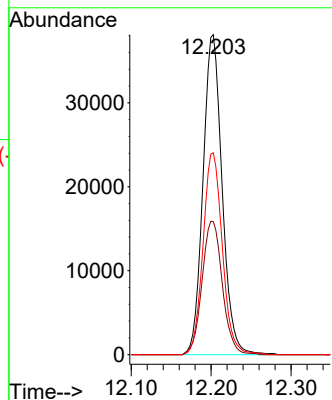
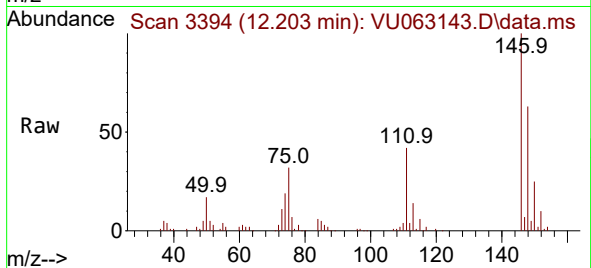
Tgt Ion:146 Resp: 63602

Ion Ratio Lower Upper

146 100

111 41.6 34.1 51.1

148 63.1 52.5 78.7



#68

1,2-Dibromo-3-chloropropane

Concen: 4.728 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.000 min

Lab File: VU063143.D

Acq: 05 Feb 2025 01:09

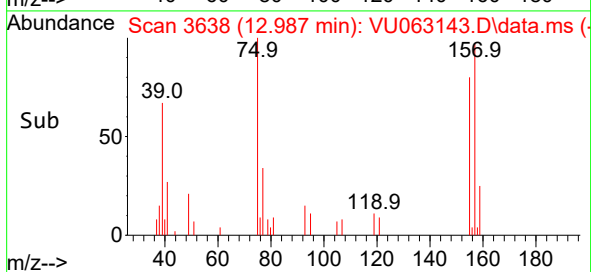
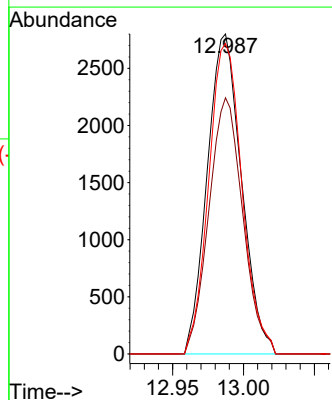
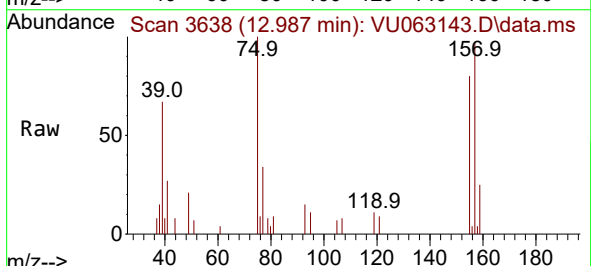
Tgt Ion: 75 Resp: 4699

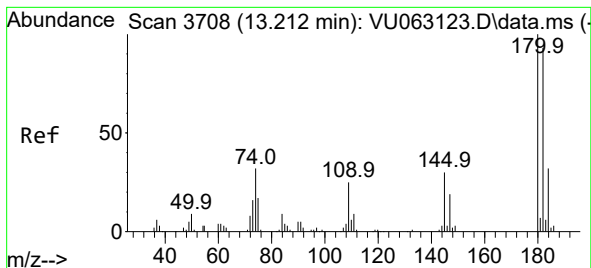
Ion Ratio Lower Upper

75 100

155 80.0 61.6 92.4

157 97.0 77.4 116.0





#69

1,3,5-Trichlorobenzene

Concen: 5.099 ug/L

RT: 13.209 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU063143.D

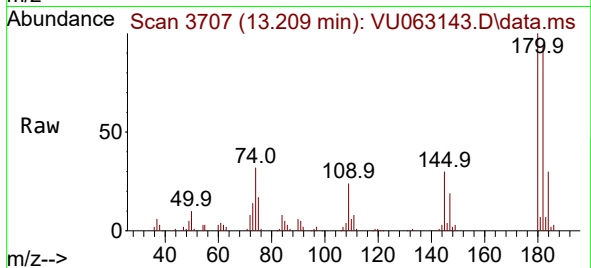
Acq: 05 Feb 2025 01:09

Instrument :

MSVOA_U

ClientSampleId :

E2975MSD



Tgt Ion:180 Resp: 46148

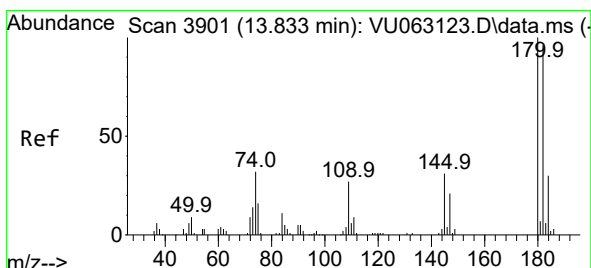
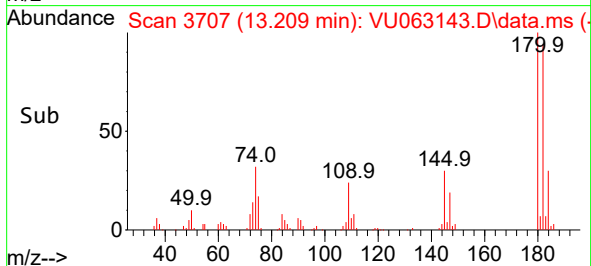
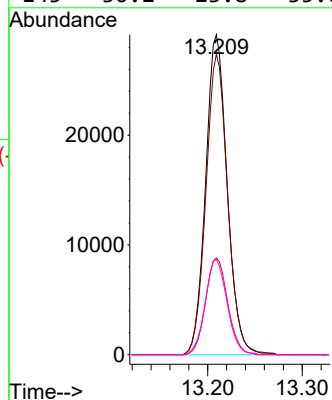
Ion Ratio Lower Upper

180 100

182 94.4 76.7 115.1

184 30.8 23.8 35.8

145 30.2 23.8 35.6



#70

1,2,4-trichlorobenzene

Concen: 5.153 ug/L

RT: 13.830 min Scan# 3900

Delta R.T. -0.003 min

Lab File: VU063143.D

Acq: 05 Feb 2025 01:09

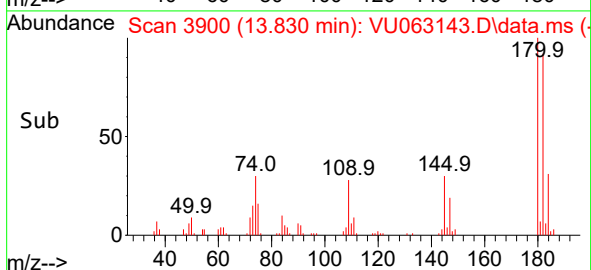
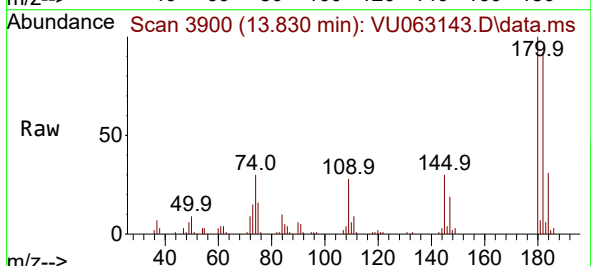
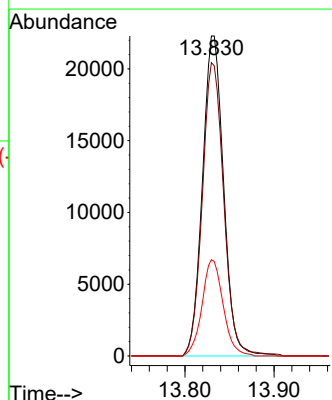
Tgt Ion:180 Resp: 36690

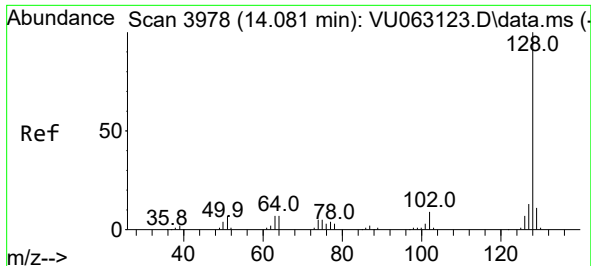
Ion Ratio Lower Upper

180 100

182 92.9 76.1 114.1

145 30.1 24.3 36.5

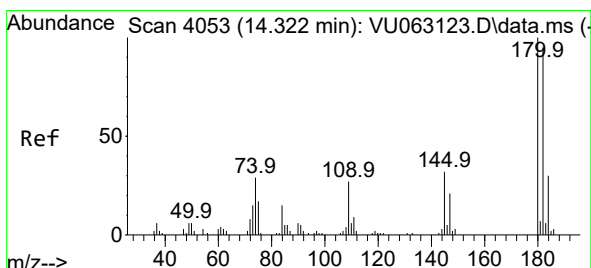
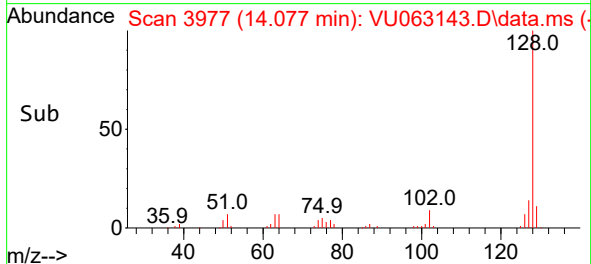
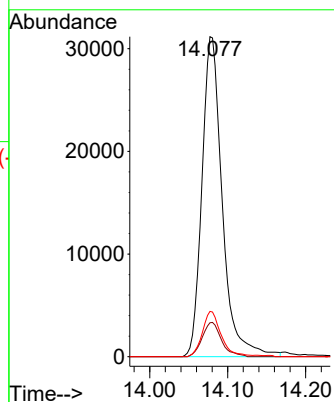
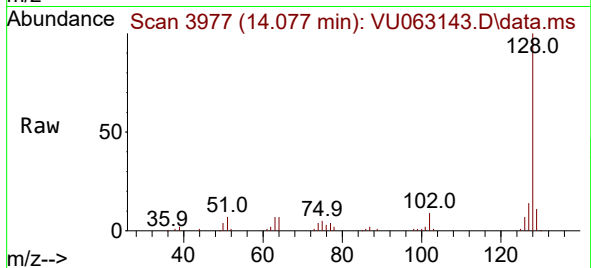




#71
Naphthalene
Concen: 4.837 ug/L
RT: 14.077 min Scan# 3977
Delta R.T. -0.003 min
Lab File: VU063143.D
Acq: 05 Feb 2025 01:09

Instrument :
MSVOA_U
ClientSampleId :
E2975MSD

Tgt Ion:128	Resp:	56529
Ion Ratio	Lower	Upper
128	100	
129	10.1	8.0 12.0
127	13.0	10.6 15.8



#72
1,2,3-Trichlorobenzene
Concen: 5.212 ug/L
RT: 14.318 min Scan# 4052
Delta R.T. -0.003 min
Lab File: VU063143.D
Acq: 05 Feb 2025 01:09

Tgt Ion:180	Resp:	33162
Ion Ratio	Lower	Upper
180	100	
182	94.4	78.5 117.7
145	32.3	26.1 39.1

