

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041224\
 Data File : VU058666.D
 Acq On : 12 Apr 2024 20:09
 Operator : MD/SY
 Sample : P2014-22MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E0ME5MSD

Quant Time: Apr 13 00:09:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 12 23:43:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	76688	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	74802	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	37753	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	17114	3.371	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.400%
7) Chloroethane-d5	1.904	69	17464	3.958	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.200%
11) 1,1-Dichloroethene-d2	2.560	65	8286	3.606	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.200%
20) 2-Butanone-d5	4.615	46	52381	48.955	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.920%
24) Chloroform-d	5.052	84	45731	4.512	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	5.695	65	21611	4.569	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
32) Benzene-d6	5.718	84	84736	4.208	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
36) 1,2-Dichloropropane-d6	6.682	67	27909	4.419	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.400%
41) Toluene-d8	7.891	98	72973	4.086	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.800%
43) trans-1,3-Dichloroprop...	8.174	79	8348	4.258	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.200%
46) 2-Hexanone-d5	8.627	63	39341	48.654	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.300%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	19868	4.456	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	25302	3.979	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	79.600%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	24538	3.839	ug/L	98
3) Chloromethane	1.515	50	29992	3.834	ug/L	95
5) Vinyl chloride	1.599	62	31923	4.086	ug/L	100
6) Bromomethane	1.850	94	14049	3.801	ug/L	98
8) Chloroethane	1.927	64	21922	4.442	ug/L	100
9) Trichlorofluoromethane	2.132	101	43820	4.247	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	26222	4.277	ug/L	96
12) 1,1-Dichloroethene	2.573	96	22718	4.180	ug/L	92
13) Acetone	2.624	43	36372	39.828	ug/L	99
14) Carbon disulfide	2.785	76	66632	3.860	ug/L	100
15) Methyl Acetate	2.946	43	9355	4.342	ug/L	98
16) Methylene chloride	3.036	84	27373	3.795	ug/L	99
17) Methyl tert-butyl Ether	3.351	73	55619	4.332	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	24275	4.262	ug/L	95
19) 1,1-Dichloroethane	3.859	63	57870	4.655	ug/L	97
21) 2-Butanone	4.695	43	61878	45.333	ug/L	98
22) cis-1,2-Dichloroethene	4.657	96	28041	4.384	ug/L	95
23) Bromochloromethane	4.965	128	11419	4.531	ug/L	92
25) Chloroform	5.078	83	56518	4.697	ug/L	99

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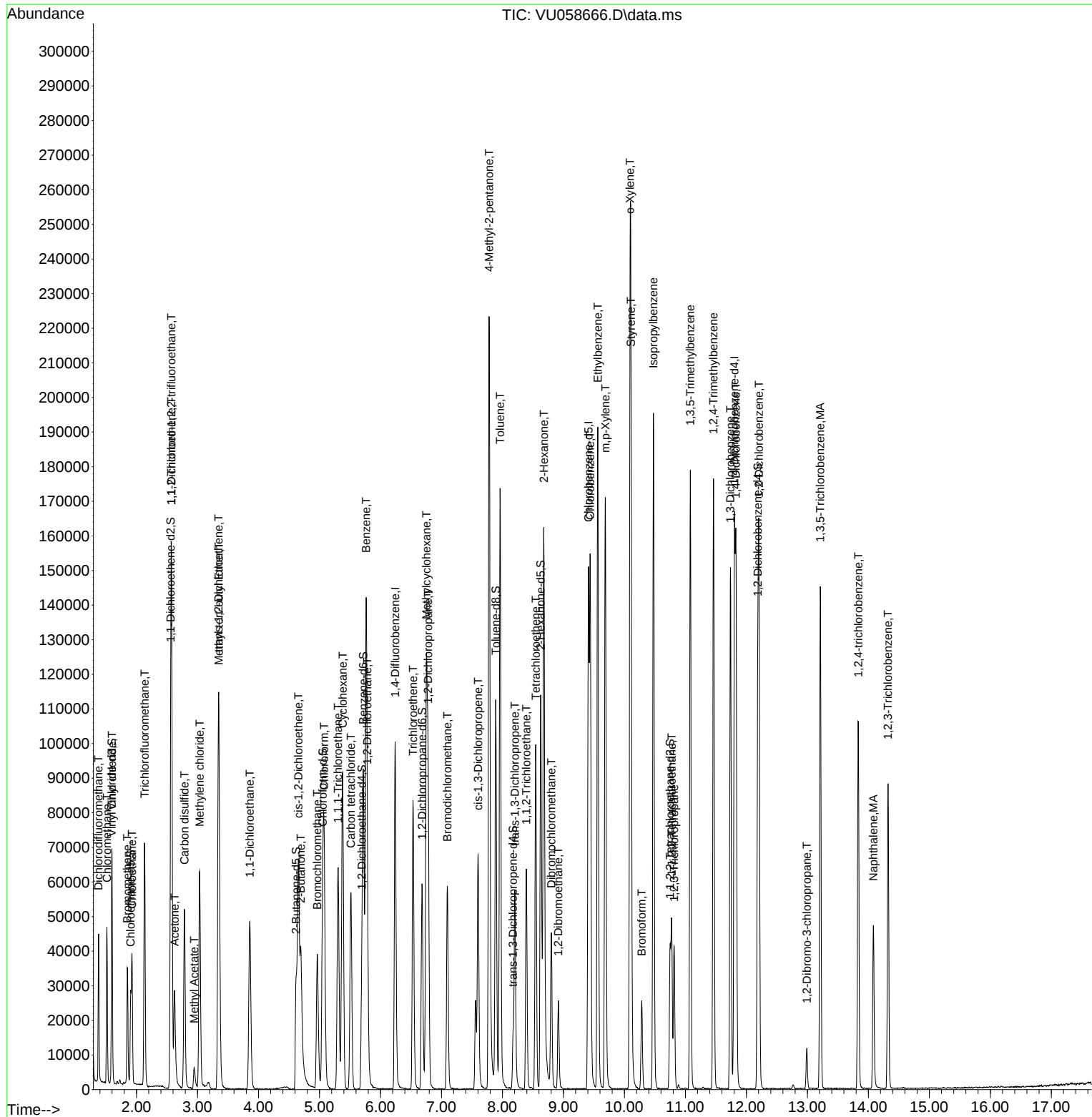
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	34601	4.722	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	44521	4.439	ug/L	98
30) Cyclohexane	5.380	56	43208	4.079	ug/L	99
31) Carbon tetrachloride	5.515	117	37123	4.371	ug/L	100
33) Benzene	5.766	78	116989	4.314	ug/L	100
34) Trichloroethene	6.534	95	28684	4.197	ug/L	97
35) Methylcyclohexane	6.753	83	41758	4.055	ug/L	98
37) 1,2-Dichloropropane	6.782	63	33612	4.711	ug/L	100
38) Bromodichloromethane	7.097	83	38310	4.705	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	40110	4.422	ug/L	95
40) 4-Methyl-2-pentanone	7.782	43	160798	47.886	ug/L	98
42) Toluene	7.962	91	124017	4.361	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	32304	4.515	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	19051	4.572	ug/L	97
47) Tetrachloroethene	8.547	164	20599	4.111	ug/L	97
48) 2-Hexanone	8.679	43	112661	47.260	ug/L	98
49) Dibromochloromethane	8.801	129	21910	4.548	ug/L	99
50) 1,2-Dibromoethane	8.917	107	16981	4.456	ug/L	97
51) Chlorobenzene	9.441	112	75575	4.392	ug/L	99
52) Ethylbenzene	9.563	91	130819	4.342	ug/L	100
53) m,p-Xylene	9.688	106	46992	4.355	ug/L	100
54) o-Xylene	10.094	106	45506	4.302	ug/L	95
55) Styrene	10.110	104	71106	4.178	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	23708	4.613	ug/L	99
59) Bromoform	10.283	173	10851	4.302	ug/L	96
60) Isopropylbenzene	10.476	105	118220	4.277	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	17169	4.457	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	93682	4.157	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	94266	4.096	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	57903	4.313	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	55720	4.260	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	51761	4.238	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	3153	4.827	ug/L	90
69) 1,3,5-Trichlorobenzene	13.212	180	40825	4.112	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	30357	3.965	ug/L	98
71) Naphthalene	14.084	128	38814	3.700	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	25392	4.016	ug/L	98

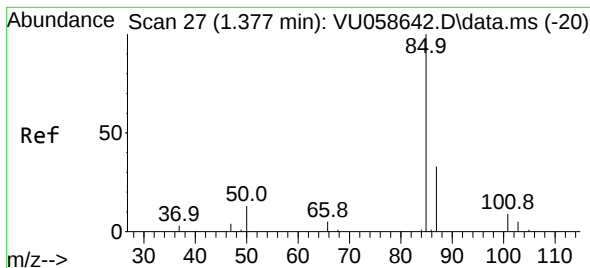
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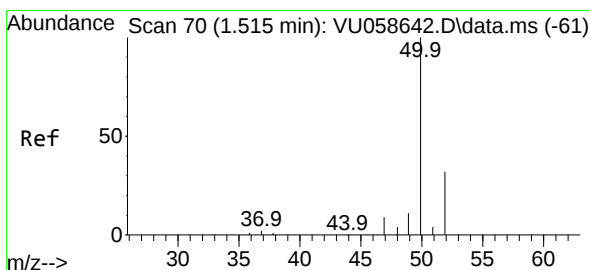
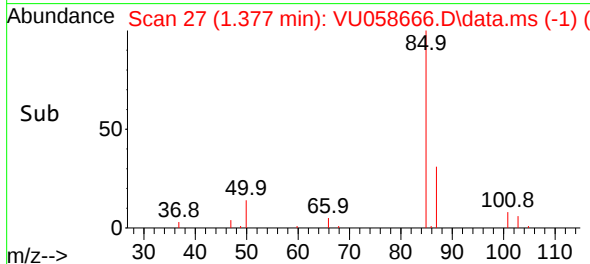
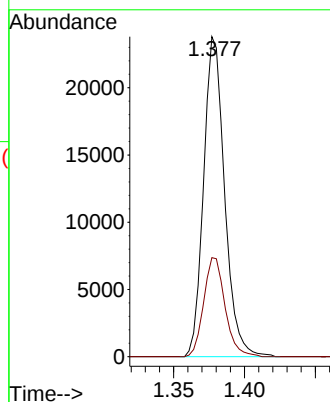
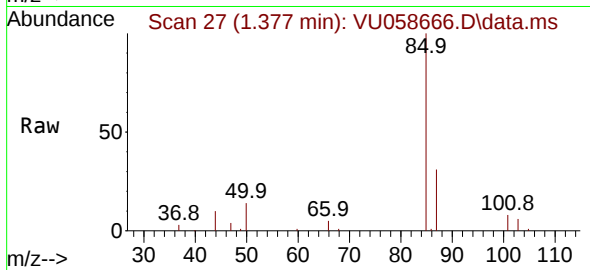




#2
Dichlorodifluoromethane
Concen: 3.839 ug/L
RT: 1.377 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU058666.D
Acq: 12 Apr 2024 20:09

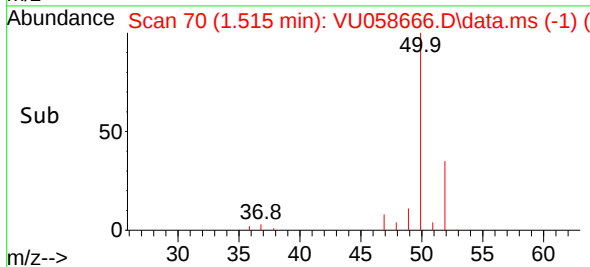
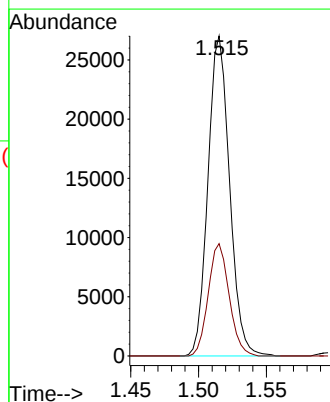
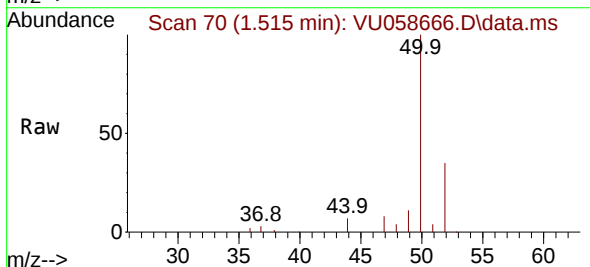
Instrument :
MSVOA_U
ClientSampleId :
E0ME5MSD

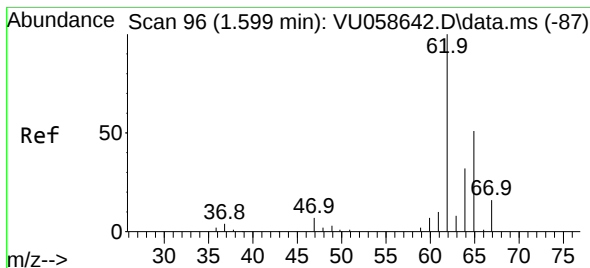
Tgt Ion: 85 Resp: 24538
Ion Ratio Lower Upper
85 100
87 31.4 25.9 38.9



#3
Chloromethane
Concen: 3.834 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU058666.D
Acq: 12 Apr 2024 20:09

Tgt Ion: 50 Resp: 29992
Ion Ratio Lower Upper
50 100
52 35.1 22.6 42.0





#5

Vinyl chloride

Concen: 4.086 ug/L

RT: 1.599 min Scan# 90

Delta R.T. 0.000 min

Lab File: VU058666.D

Acq: 12 Apr 2024 20:09

Instrument :

MSVOA_U

ClientSampleId :

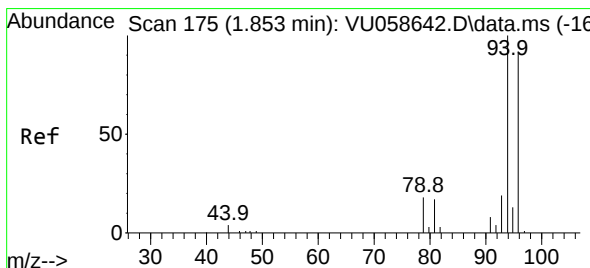
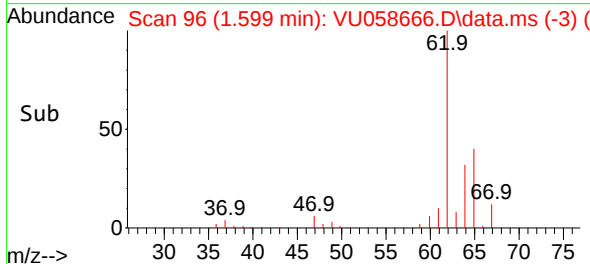
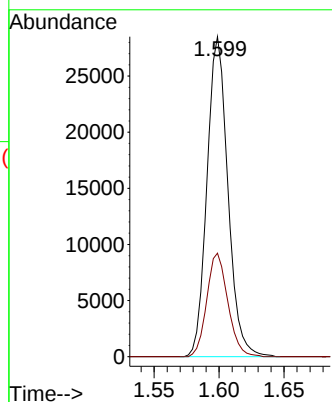
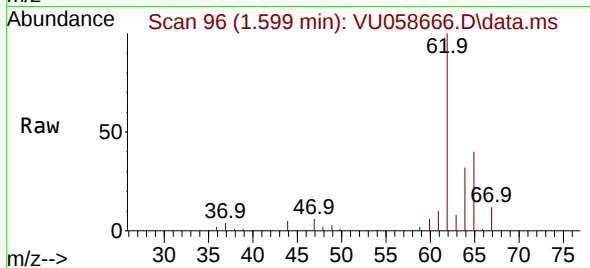
E0ME5MSD

Tgt Ion: 62 Resp: 31923

Ion Ratio Lower Upper

62 100

64 32.4 22.6 42.0



#6

Bromomethane

Concen: 3.801 ug/L

RT: 1.850 min Scan# 174

Delta R.T. -0.003 min

Lab File: VU058666.D

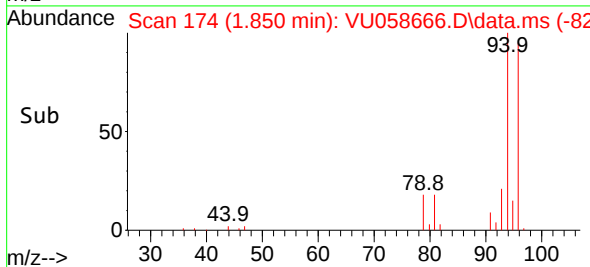
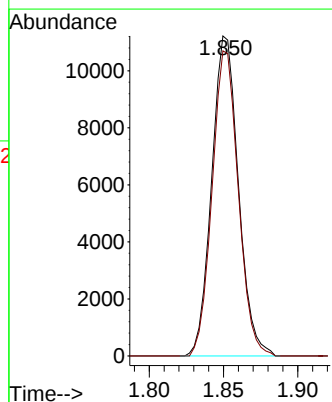
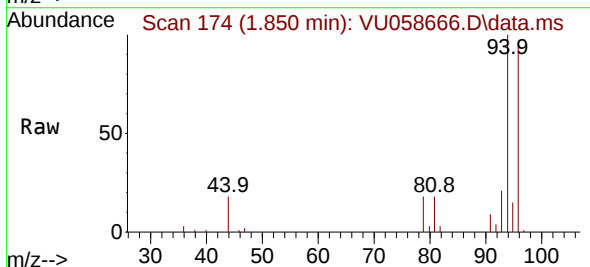
Acq: 12 Apr 2024 20:09

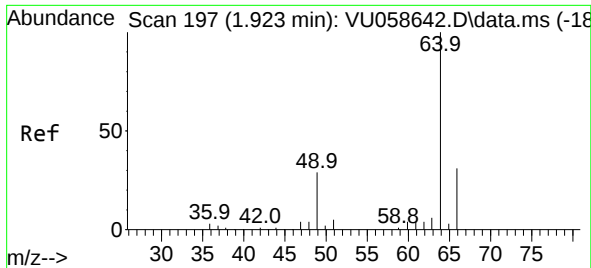
Tgt Ion: 94 Resp: 14049

Ion Ratio Lower Upper

94 100

96 95.4 65.4 121.4





#8

Chloroethane

Concen: 4.442 ug/L

RT: 1.927 min Scan# 197

Delta R.T. 0.003 min

Lab File: VU058666.D

Acq: 12 Apr 2024 20:09

Instrument :

MSVOA_U

ClientSampleId :

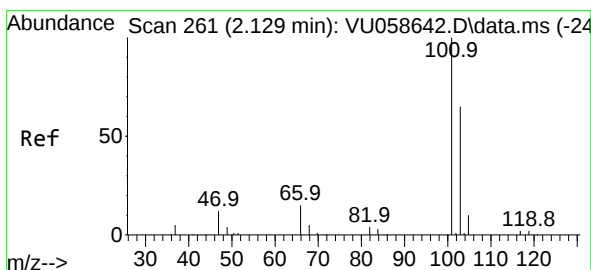
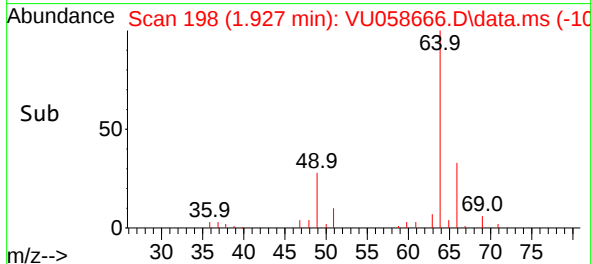
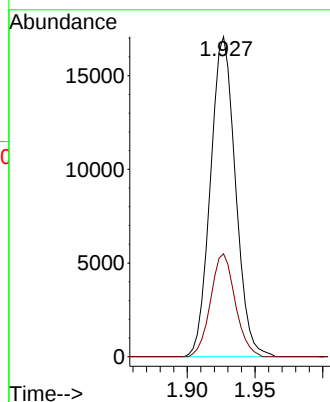
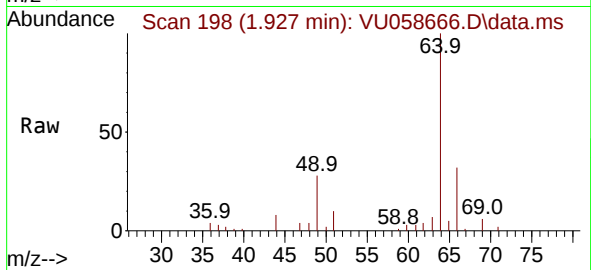
E0ME5MSD

Tgt Ion: 64 Resp: 21922

Ion Ratio Lower Upper

64 100

66 32.1 22.5 41.9



#9

Trichlorofluoromethane

Concen: 4.247 ug/L

RT: 2.132 min Scan# 262

Delta R.T. 0.003 min

Lab File: VU058666.D

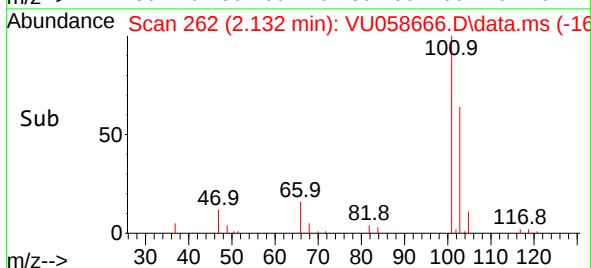
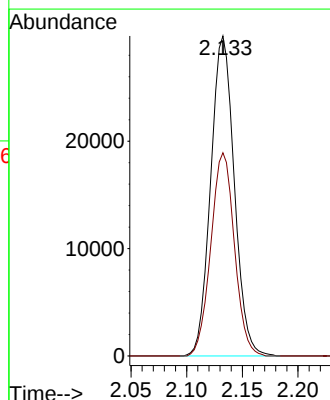
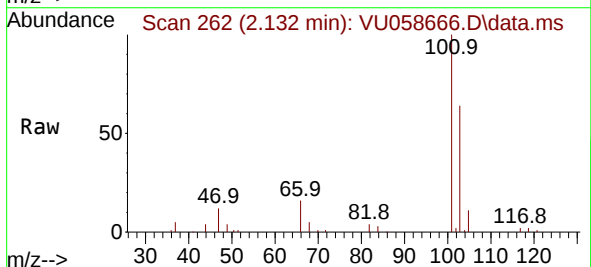
Acq: 12 Apr 2024 20:09

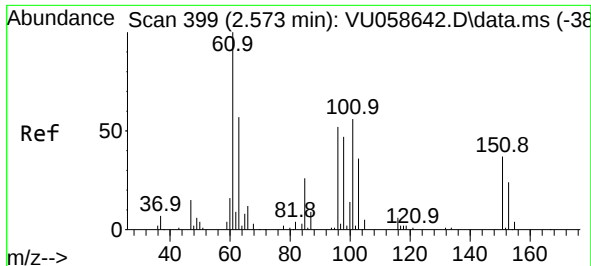
Tgt Ion:101 Resp: 43820

Ion Ratio Lower Upper

101 100

103 63.5 51.2 76.8





#10

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

Concen: 4.277 ug/L

RT: 2.573 min Scan# 399

Delta R.T. 0.000 min

Lab File: VU058666.D

Acq: 12 Apr 2024 20:09

Instrument :

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E0ME5MSD

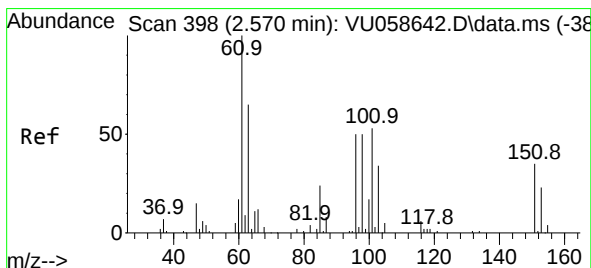
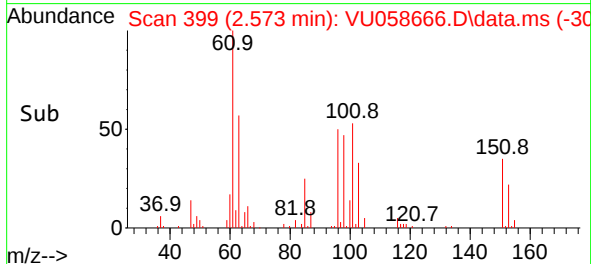
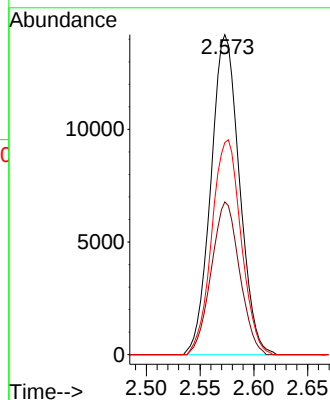
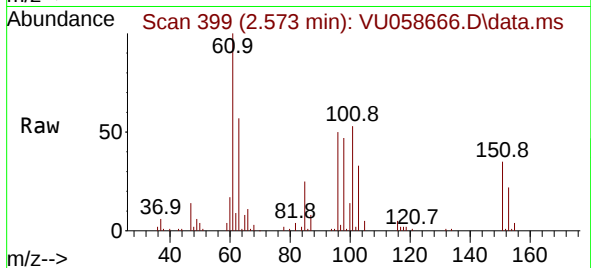
Tgt Ion:101 Resp: 26222

Ion Ratio Lower Upper

101 100

85 47.3 36.8 55.2

151 69.0 58.2 87.4



#12

1,1-Dichloroethene

Concen: 4.180 ug/L

RT: 2.573 min Scan# 399

Delta R.T. 0.003 min

Lab File: VU058666.D

Acq: 12 Apr 2024 20:09

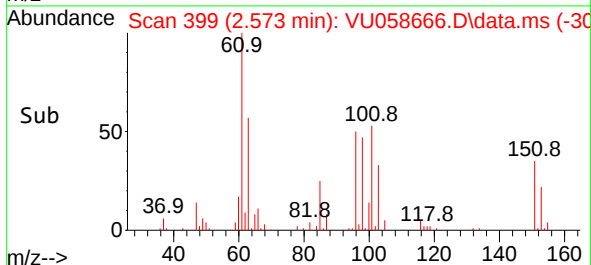
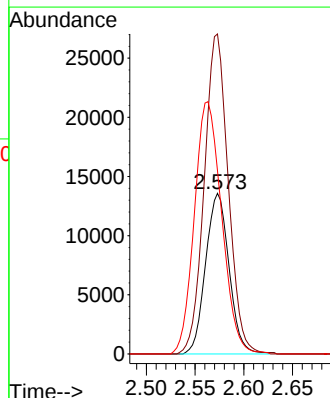
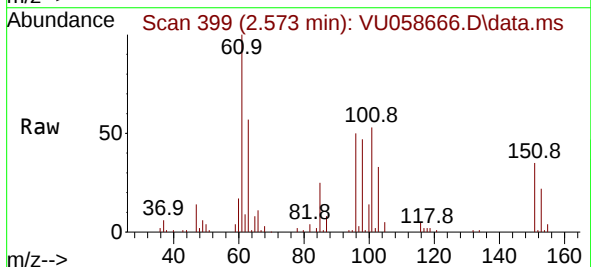
Tgt Ion: 96 Resp: 22718

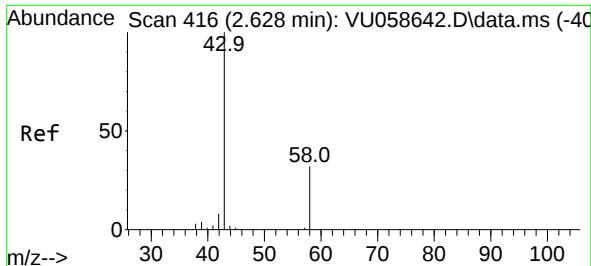
Ion Ratio Lower Upper

96 100

61 199.3 132.5 246.1

63 114.2 87.7 162.9





#13

Acetone

Concen: 39.828 ug/L

RT: 2.624 min Scan# 416

Delta R.T. -0.003 min

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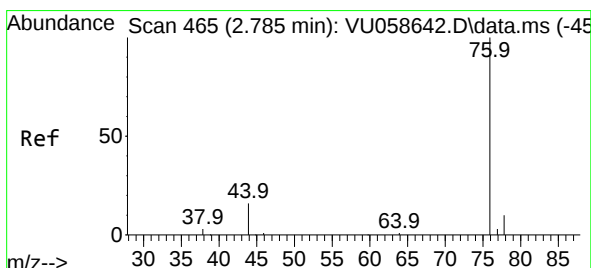
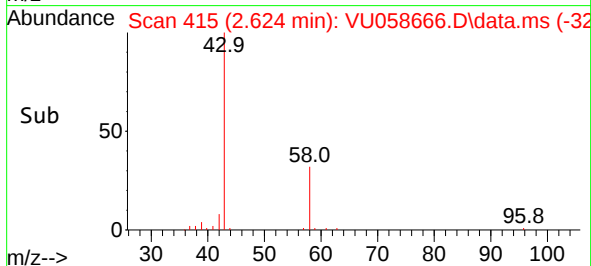
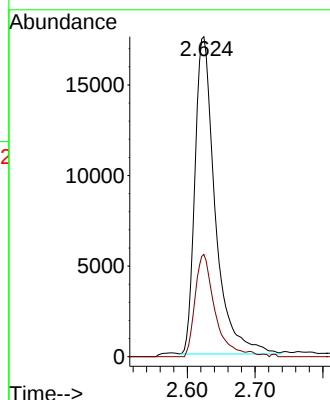
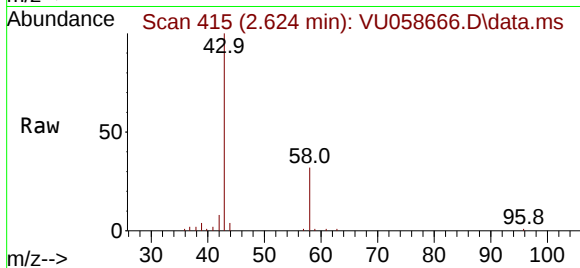
E0ME5MSD

Tgt Ion: 43 Resp: 36372

Ion Ratio Lower Upper

43 100

58 31.2 0.0 61.4



#14

Carbon disulfide

Concen: 3.860 ug/L

RT: 2.785 min Scan# 465

Delta R.T. 0.000 min

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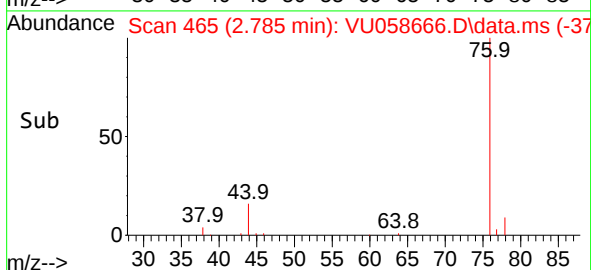
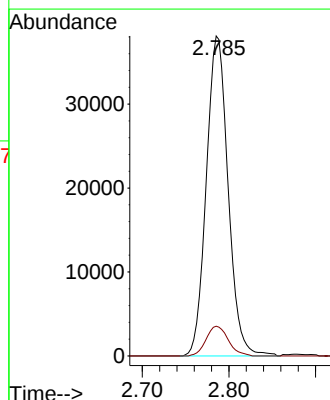
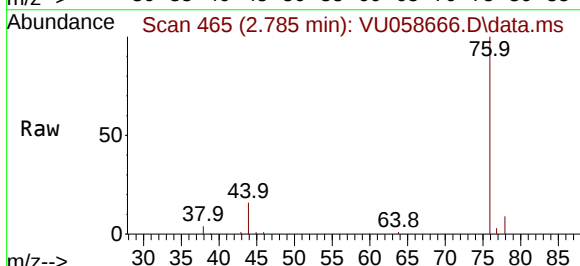
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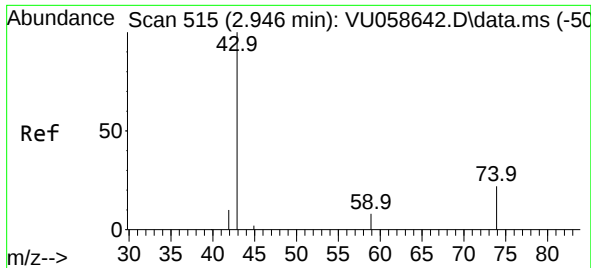
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Ion Ratio Lower Upper

76 100

78 9.3 7.5 11.3

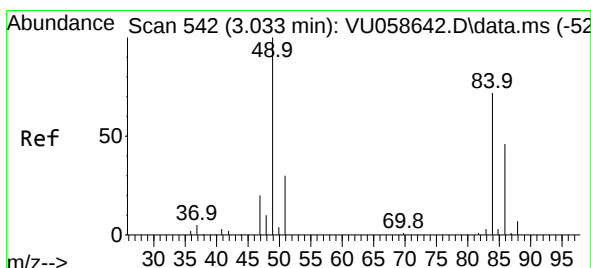
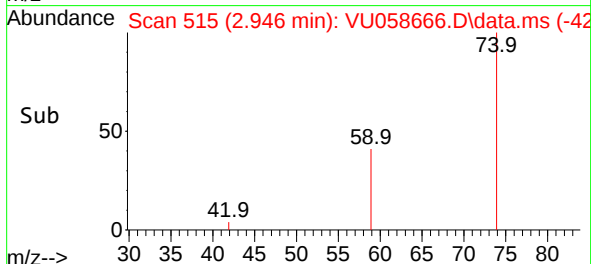
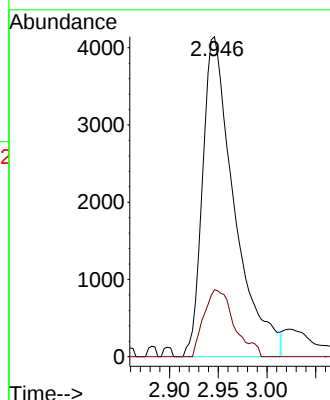
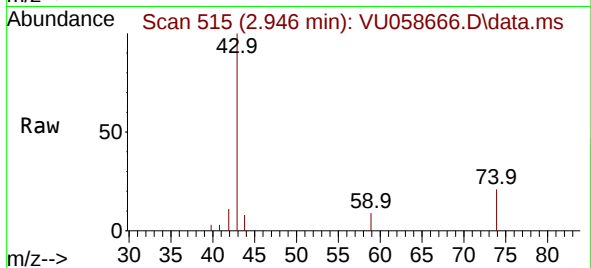




#15
Methyl Acetate
Concen: 4.342 ug/L
RT: 2.946 min Scan# 515
Delta R.T. 0.000 min
Lab File: VU058666.D
Acq: 12 Apr 2024 20:09

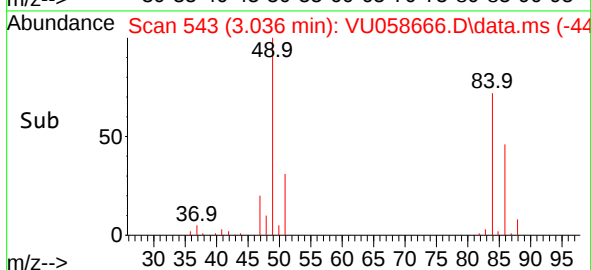
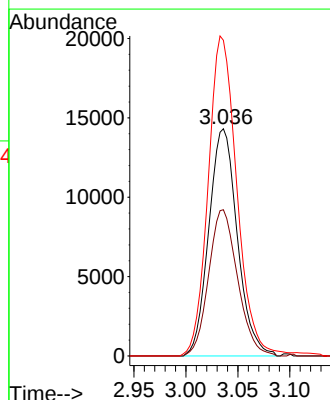
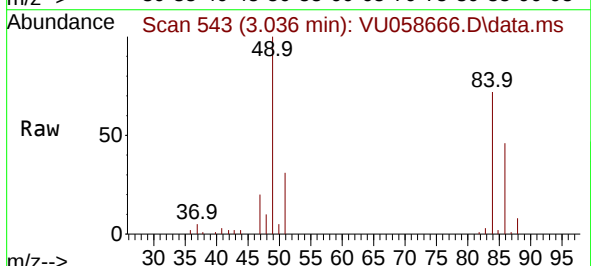
Instrument :
MSVOA_U
ClientSampleId :
E0ME5MSD

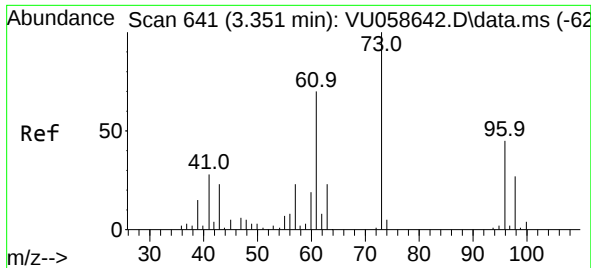
Tgt Ion: 43 Resp: 9355
Ion Ratio Lower Upper
43 100
74 20.1 16.6 25.0



#16
Methylene chloride
Concen: 3.795 ug/L
RT: 3.036 min Scan# 543
Delta R.T. 0.003 min
Lab File: VU058666.D
Acq: 12 Apr 2024 20:09

Tgt Ion: 84 Resp: 27373
Ion Ratio Lower Upper
84 100
86 64.3 44.3 82.3
49 138.9 96.0 178.2

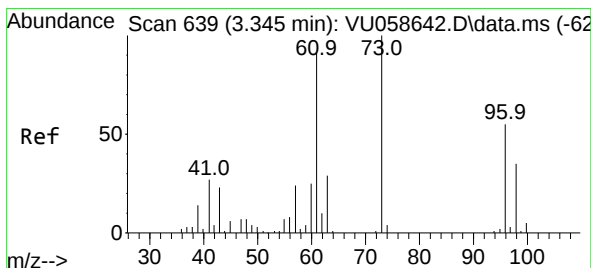
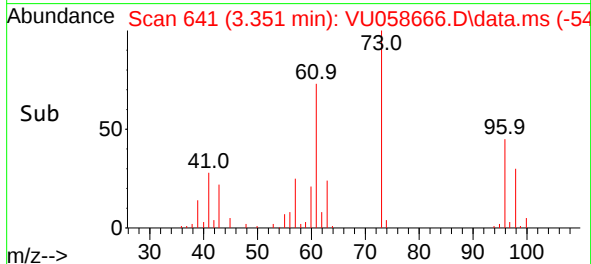
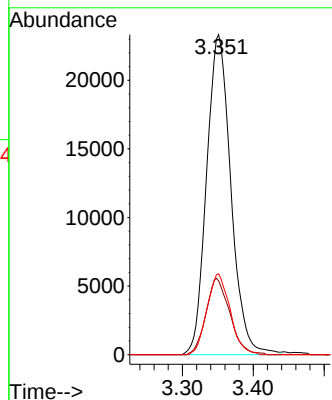
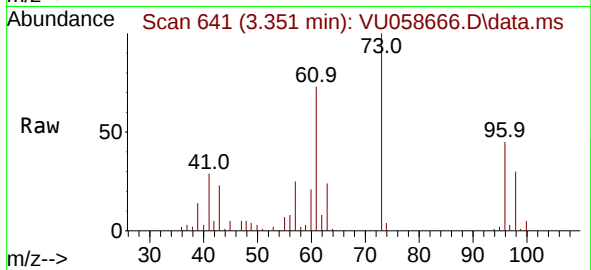




#17
Methyl tert-butyl Ether
Concen: 4.332 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.000 min
Lab File: VU058666.D
Acq: 12 Apr 2024 20:09

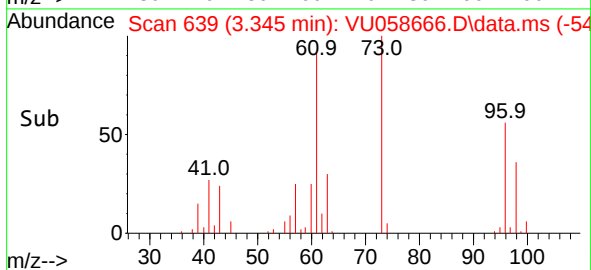
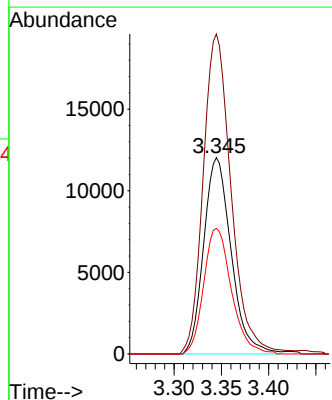
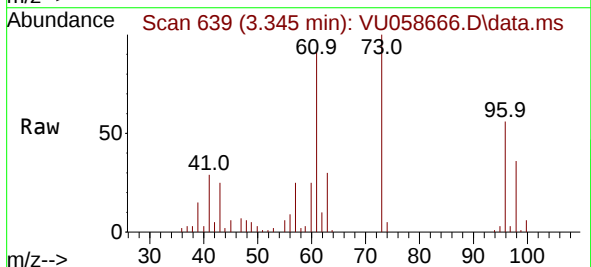
Instrument :
MSVOA_U
ClientSampleId :
E0ME5MSD

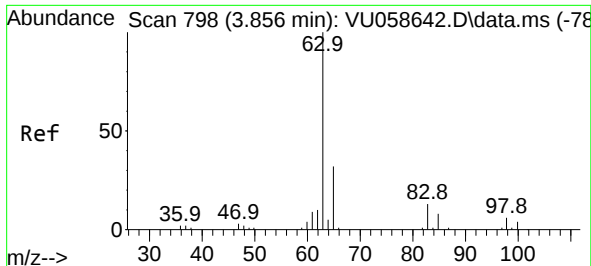
Tgt Ion: 73 Resp: 55619
Ion Ratio Lower Upper
73 100
43 23.3 17.4 26.2
57 23.9 18.6 27.8



#18
trans-1,2-Dichloroethene
Concen: 4.262 ug/L
RT: 3.345 min Scan# 639
Delta R.T. 0.000 min
Lab File: VU058666.D
Acq: 12 Apr 2024 20:09

Tgt Ion: 96 Resp: 24275
Ion Ratio Lower Upper
96 100
61 163.0 107.6 199.8
98 64.0 45.1 83.7





#19

1,1-Dichloroethane

Concen: 4.655 ug/L

RT: 3.859 min Scan# 798

Delta R.T. 0.003 min

Lab File: VU058666.D

Acq: 12 Apr 2024 20:09

Instrument :

MSVOA_U

ClientSampleId :

E0ME5MSD

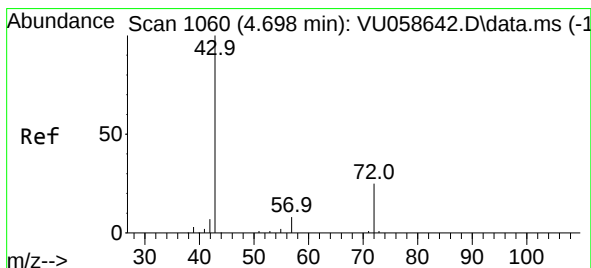
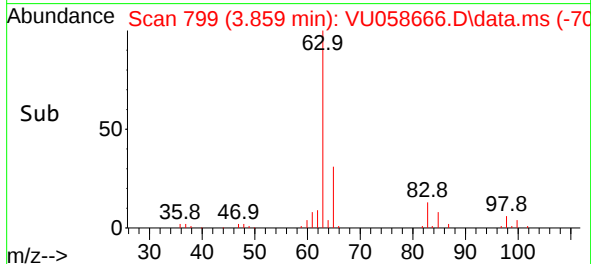
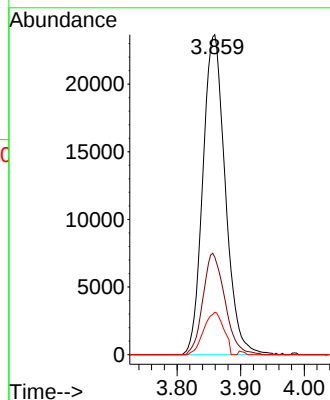
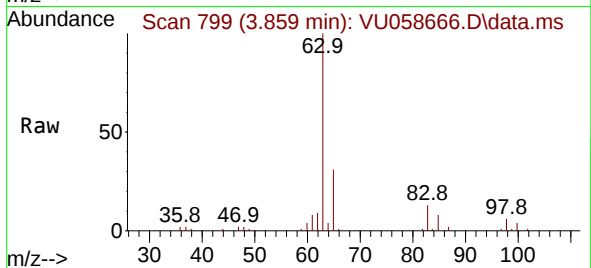
Tgt Ion: 63 Resp: 57870

Ion Ratio Lower Upper

63 100

65 30.5 22.9 42.5

83 13.2 9.6 17.8



#21

2-Butanone

Concen: 45.333 ug/L

RT: 4.695 min Scan# 1059

Delta R.T. -0.003 min

Lab File: VU058666.D

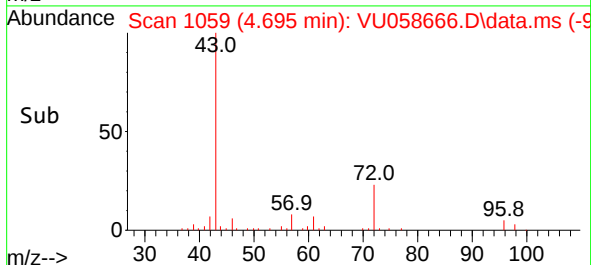
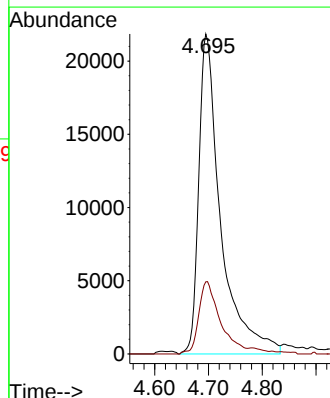
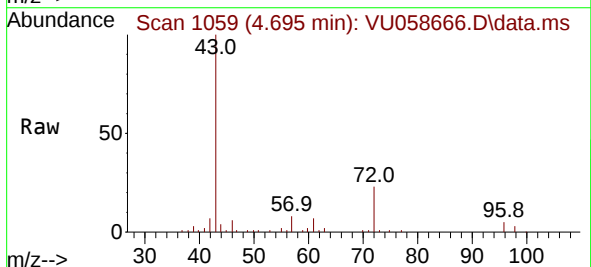
Acq: 12 Apr 2024 20:09

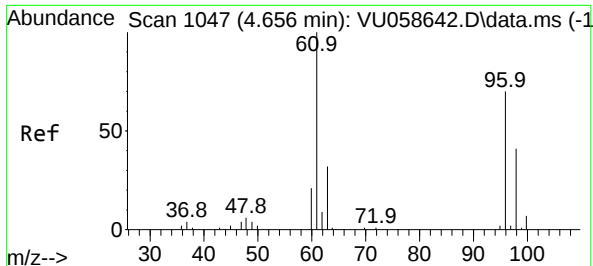
Tgt Ion: 43 Resp: 61878

Ion Ratio Lower Upper

43 100

72 22.1 11.7 35.0

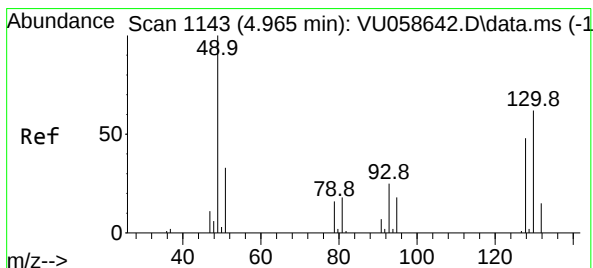
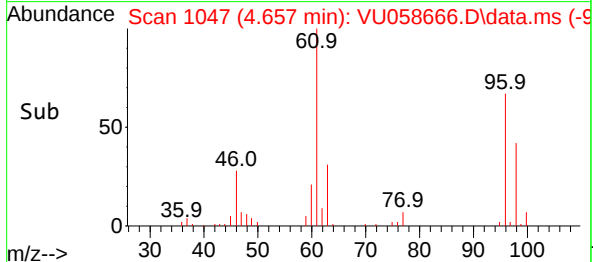
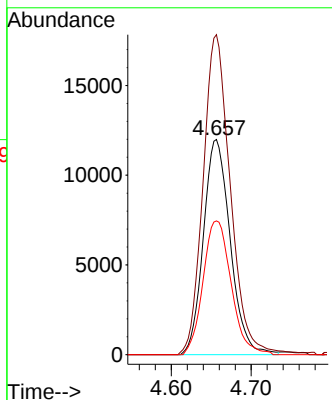
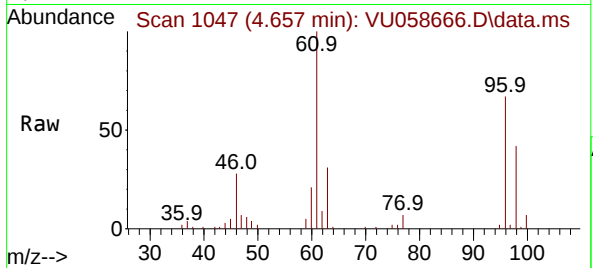




#22
 cis-1,2-Dichloroethene
 Concen: 4.384 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. 0.000 min
 Lab File: VU058666.D
 Acq: 12 Apr 2024 20:09

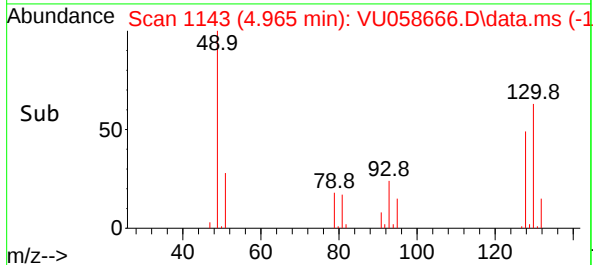
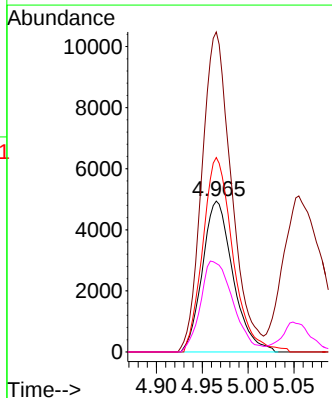
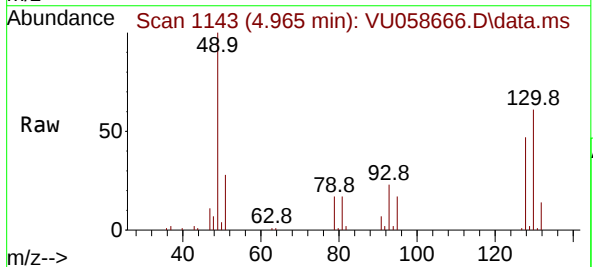
Instrument :
 MSVOA_U
 ClientSampleId :
 E0ME5MSD

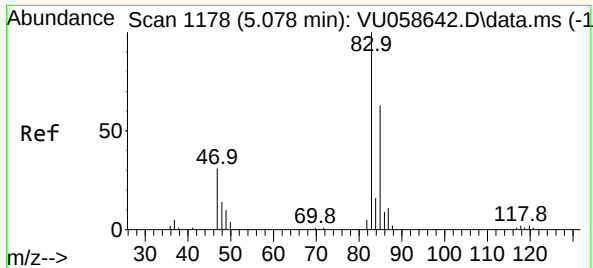
Tgt Ion:	96	Resp:	28041
Ion	Ratio	Lower	Upper
96	100		
61	148.7	98.1	182.3
98	62.2	43.6	81.0



#23
 Bromochloromethane
 Concen: 4.531 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. 0.000 min
 Lab File: VU058666.D
 Acq: 12 Apr 2024 20:09

Tgt Ion:	128	Resp:	11419
Ion	Ratio	Lower	Upper
128	100		
49	212.1	134.4	249.6
130	128.9	90.0	167.2
51	58.7	51.0	76.6

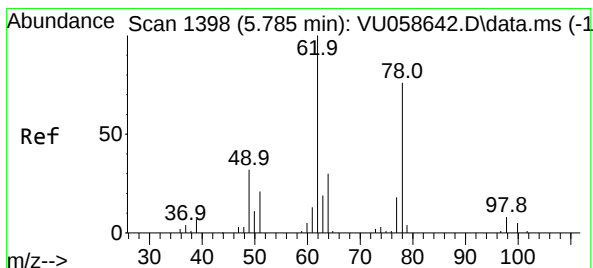
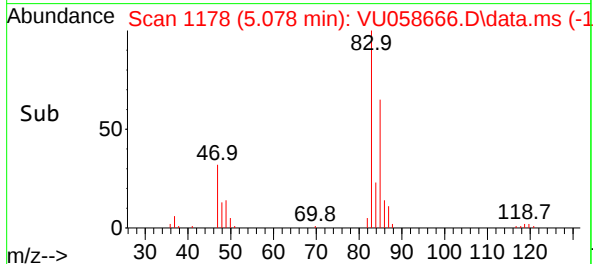
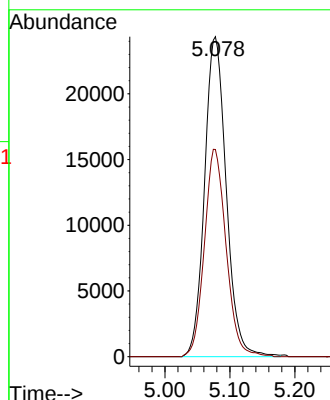
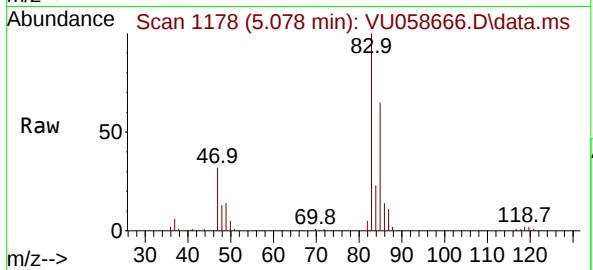




#25
Chloroform
Concen: 4.697 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VU058666.D
Acq: 12 Apr 2024 20:09

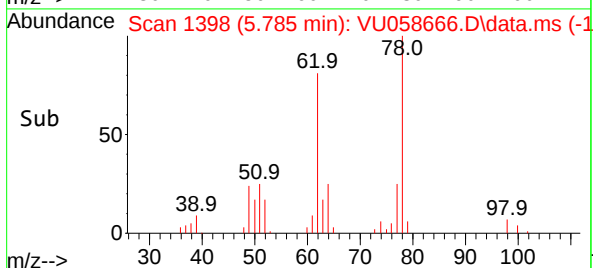
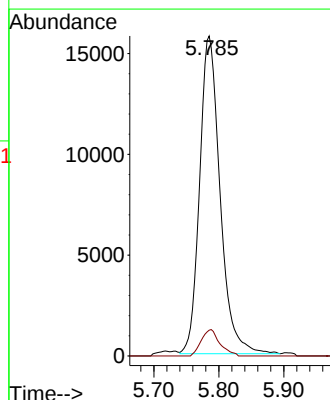
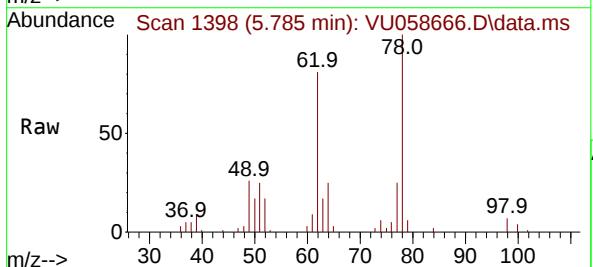
Instrument :
MSVOA_U
ClientSampleId :
E0ME5MSD

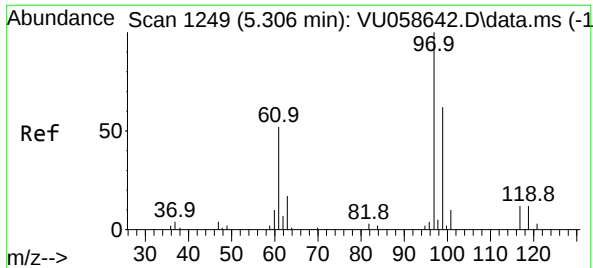
Tgt Ion: 83 Resp: 56518
Ion Ratio Lower Upper
83 100
85 64.7 44.7 83.1



#27
1,2-Dichloroethane
Concen: 4.722 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VU058666.D
Acq: 12 Apr 2024 20:09

Tgt Ion: 62 Resp: 34601
Ion Ratio Lower Upper
62 100
98 8.1 7.0 10.4





#29

1,1,1-Trichloroethane

Concen: 4.439 ug/L

RT: 5.306 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU058666.D

Acq: 12 Apr 2024 20:09

Instrument :

MSVOA_U

ClientSampleId :

E0ME5MSD

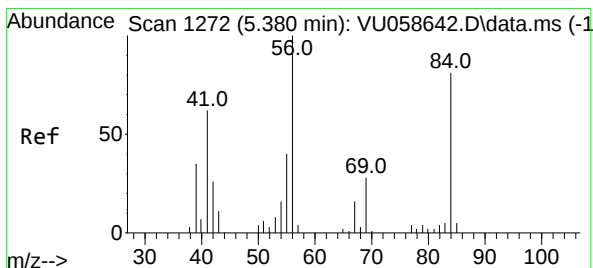
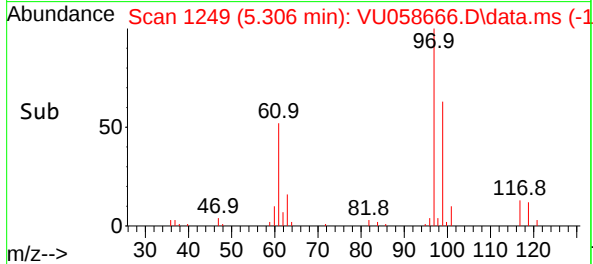
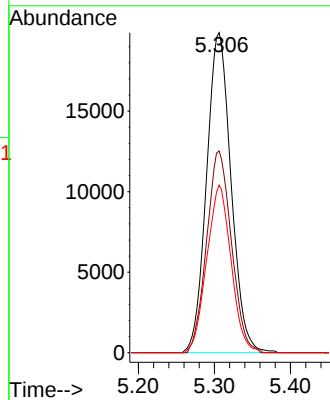
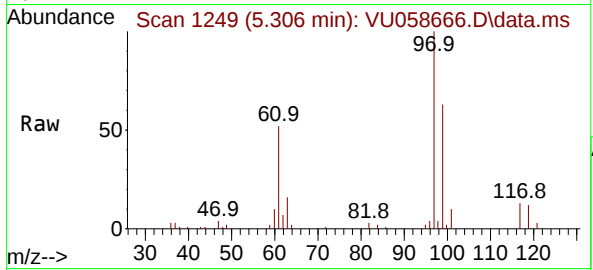
Tgt Ion: 97 Resp: 44521

Ion Ratio Lower Upper

97 100

99 63.7 50.4 75.6

61 52.0 39.4 59.0



#30

Cyclohexane

Concen: 4.079 ug/L

RT: 5.380 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VU058666.D

Acq: 12 Apr 2024 20:09

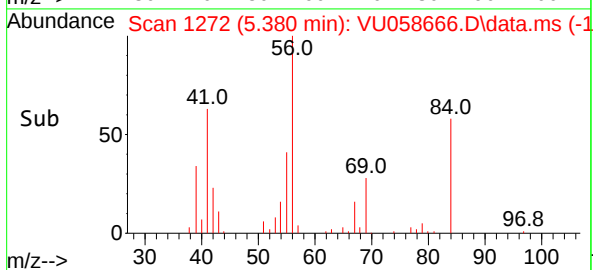
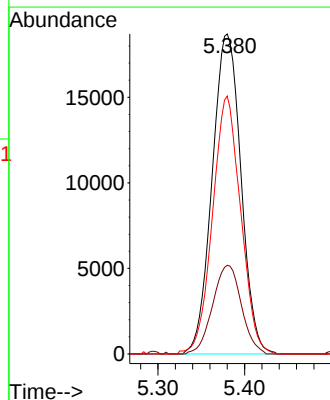
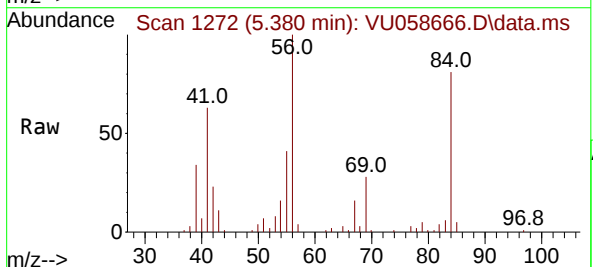
Tgt Ion: 56 Resp: 43208

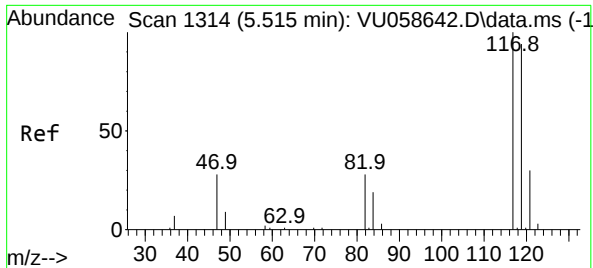
Ion Ratio Lower Upper

56 100

69 27.6 23.2 34.8

84 78.7 63.3 94.9

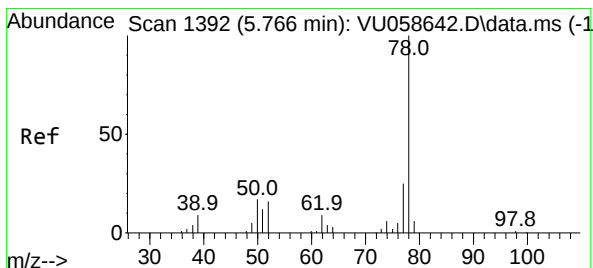
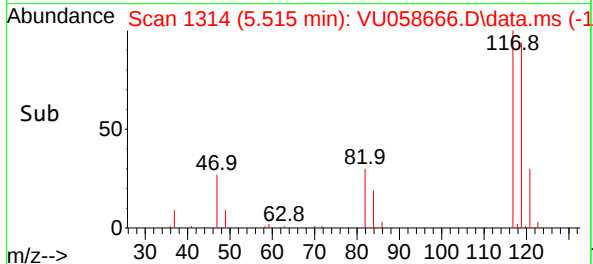
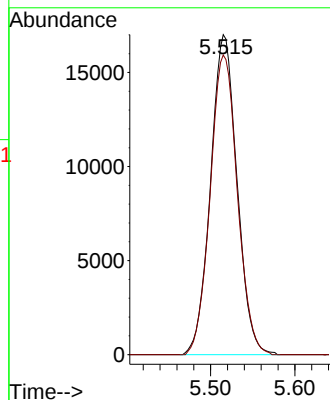
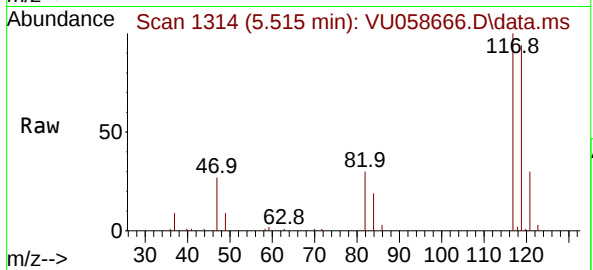




#31
Carbon tetrachloride
Concen: 4.371 ug/L
RT: 5.515 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU058666.D
Acq: 12 Apr 2024 20:09

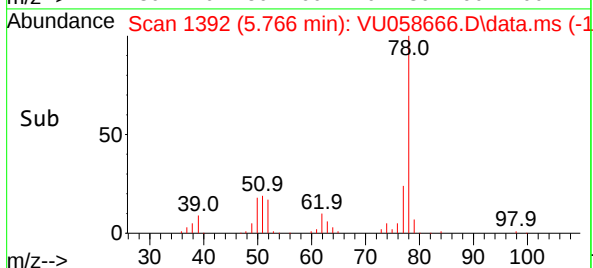
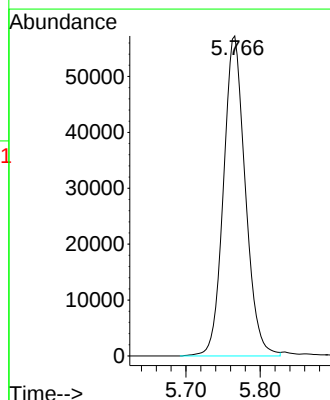
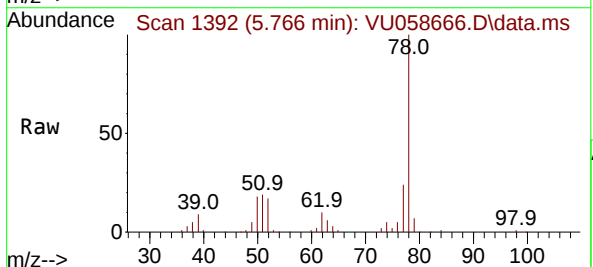
Instrument :
MSVOA_U
ClientSampleId :
E0ME5MSD

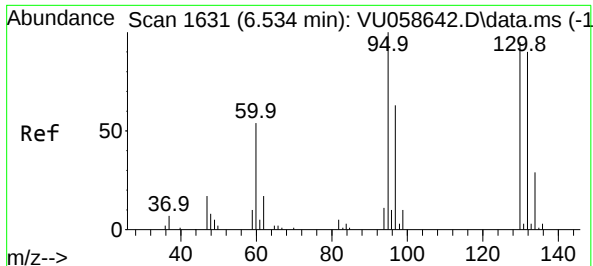
Tgt Ion:117 Resp: 37123
Ion Ratio Lower Upper
117 100
119 96.1 76.7 115.1



#33
Benzene
Concen: 4.314 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU058666.D
Acq: 12 Apr 2024 20:09

Tgt Ion: 78 Resp: 116989



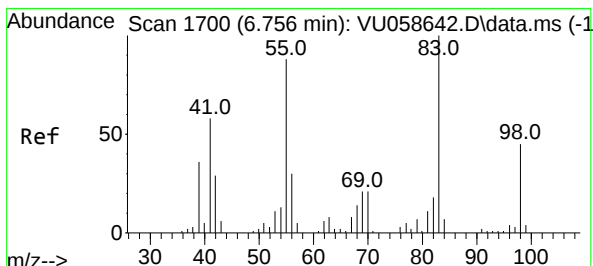
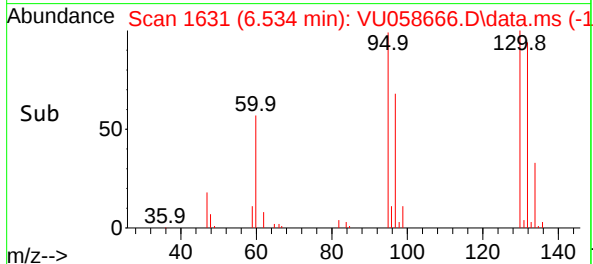
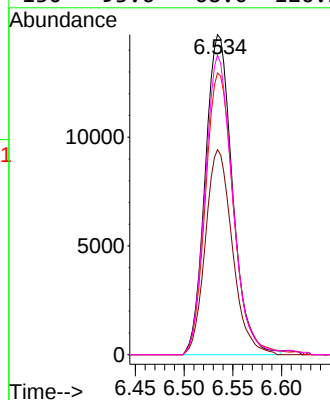
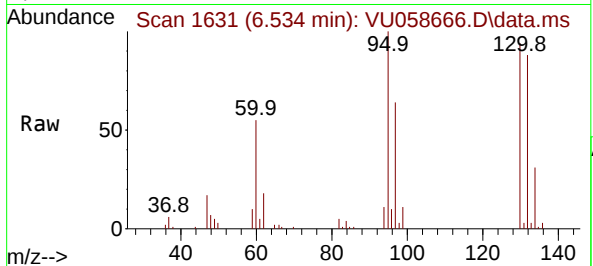


#34
Trichloroethene
Concen: 4.197 ug/L
RT: 6.534 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VU058666.D
Acq: 12 Apr 2024 20:09

Instrument :
MSVOA_U
ClientSampleId :
E0ME5MSD

Tgt Ion: 95 Resp: 28684

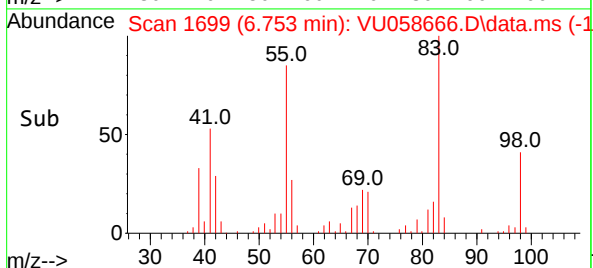
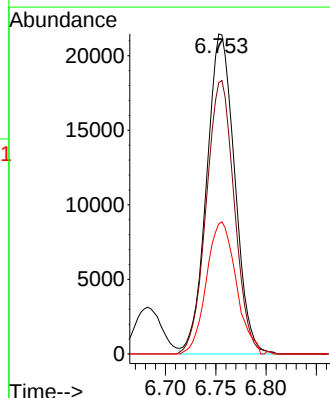
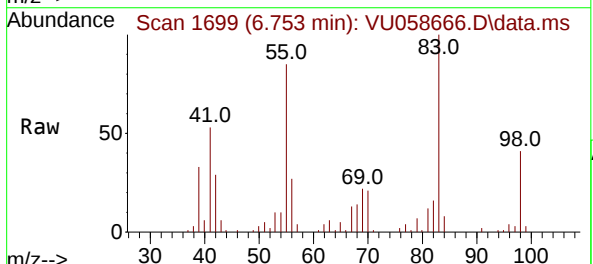
Ion	Ratio	Lower	Upper
95	100		
97	64.0	45.6	84.6
132	88.0	64.8	120.3
130	93.6	68.0	126.2

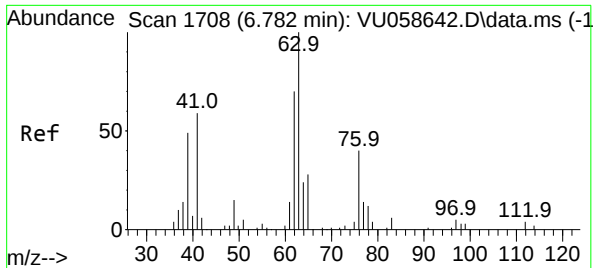


#35
Methylcyclohexane
Concen: 4.055 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. -0.003 min
Lab File: VU058666.D
Acq: 12 Apr 2024 20:09

Tgt Ion: 83 Resp: 41758

Ion	Ratio	Lower	Upper
83	100		
55	85.4	66.2	99.4
98	43.5	34.6	52.0

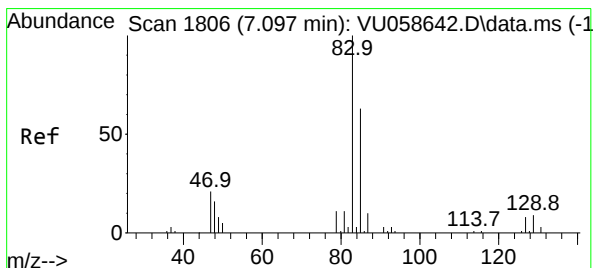
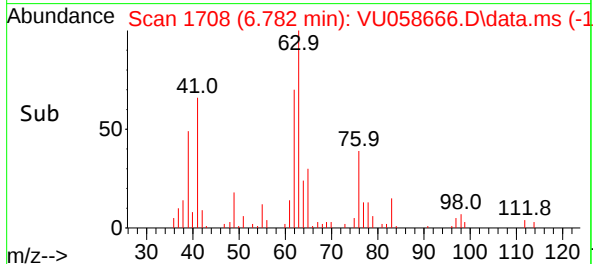
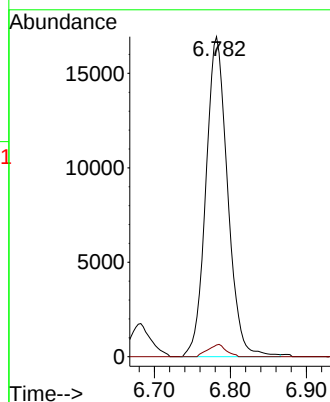
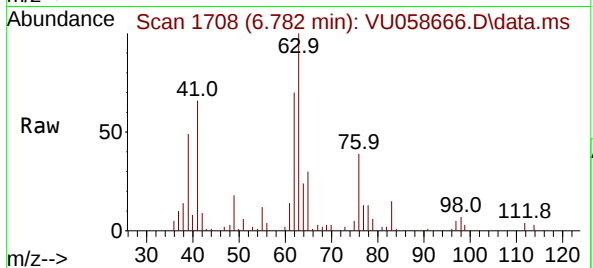




#37
1,2-Dichloropropane
Concen: 4.711 ug/L
RT: 6.782 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU058666.D
Acq: 12 Apr 2024 20:09

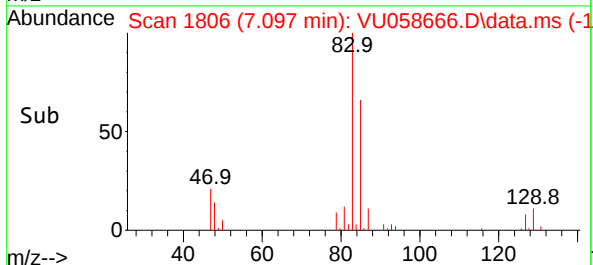
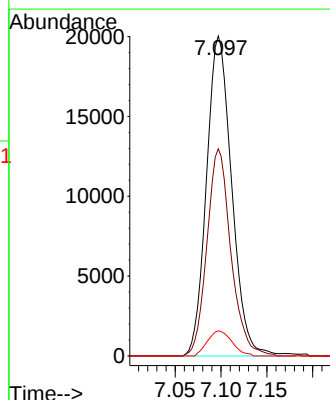
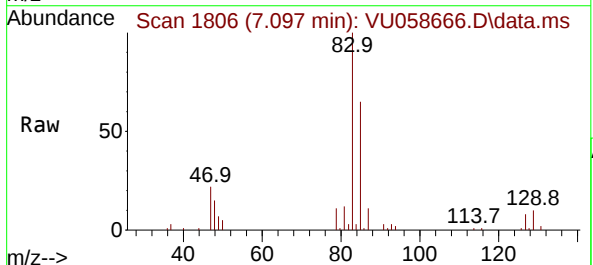
Instrument :
MSVOA_U
ClientSampleId :
E0ME5MSD

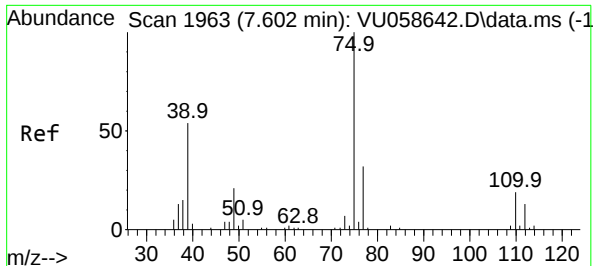
Tgt Ion: 63 Resp: 33612
Ion Ratio Lower Upper
63 100
112 3.2 2.6 4.0



#38
Bromodichloromethane
Concen: 4.705 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU058666.D
Acq: 12 Apr 2024 20:09

Tgt Ion: 83 Resp: 38310
Ion Ratio Lower Upper
83 100
85 64.8 44.2 82.2
127 7.8 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 4.422 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VU058666.D

Acq: 12 Apr 2024 20:09

Instrument :

MSVOA_U

ClientSampleId :

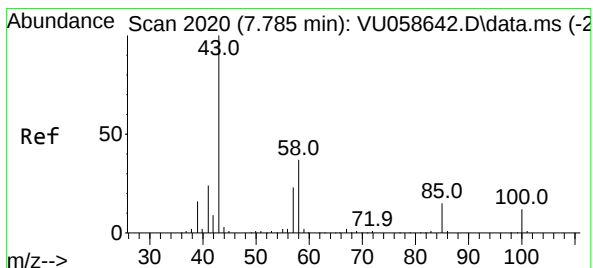
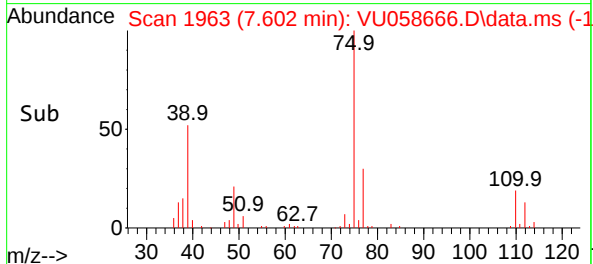
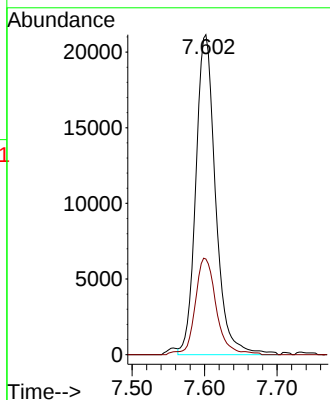
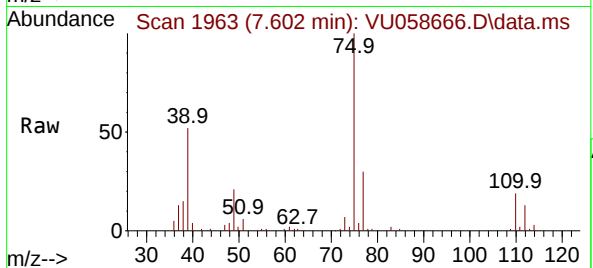
E0ME5MSD

Tgt Ion: 75 Resp: 40110

Ion Ratio Lower Upper

75 100

77 29.9 22.7 42.3



#40

4-Methyl-2-pentanone

Concen: 47.886 ug/L

RT: 7.782 min Scan# 2019

Delta R.T. -0.003 min

Lab File: VU058666.D

Acq: 12 Apr 2024 20:09

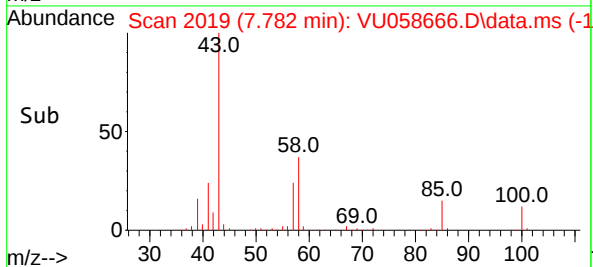
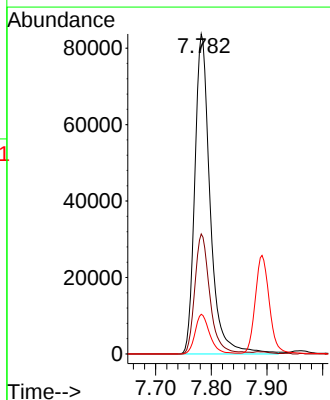
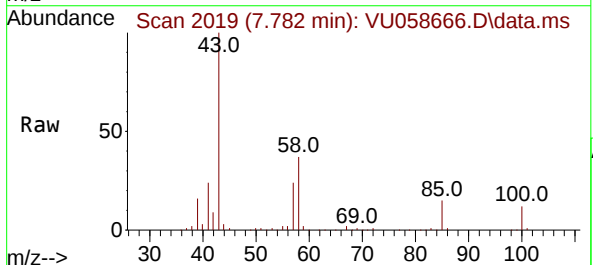
Tgt Ion: 43 Resp: 160798

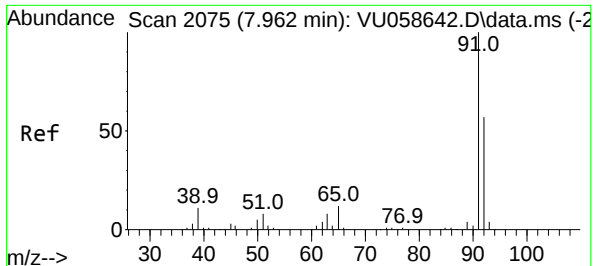
Ion Ratio Lower Upper

43 100

58 36.5 30.4 45.6

100 11.9 10.3 15.5





#42

Toluene

Concen: 4.361 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU058666.D

Acq: 12 Apr 2024 20:09

Instrument :

MSVOA_U

ClientSampleId :

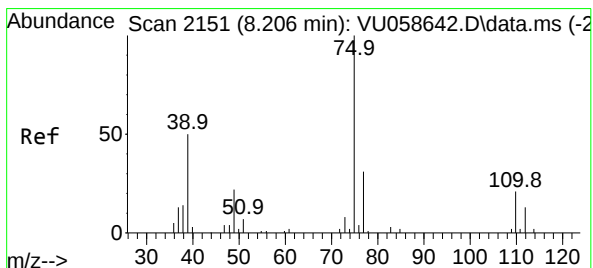
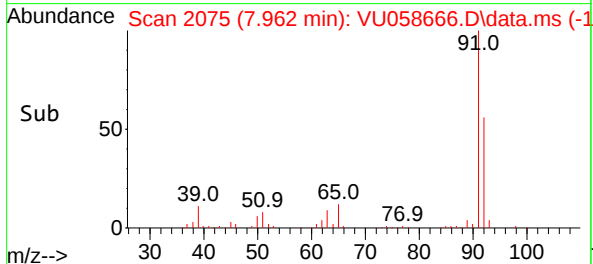
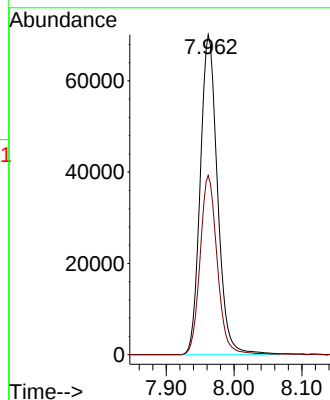
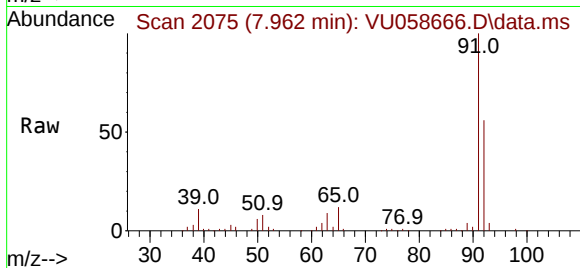
E0ME5MSD

Tgt Ion: 91 Resp: 124017

Ion Ratio Lower Upper

91 100

92 56.0 39.5 73.3



#44

trans-1,3-Dichloropropene

Concen: 4.515 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.003 min

Lab File: VU058666.D

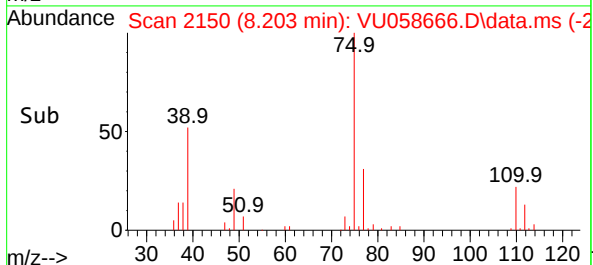
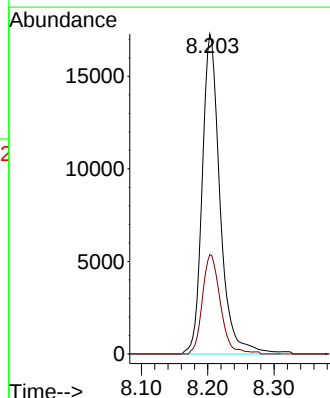
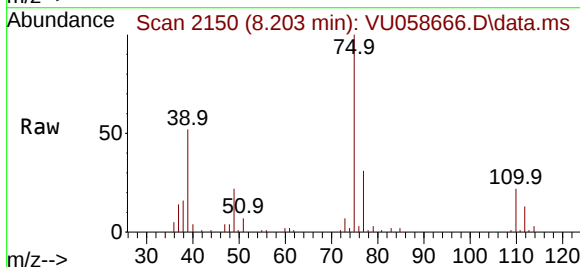
Acq: 12 Apr 2024 20:09

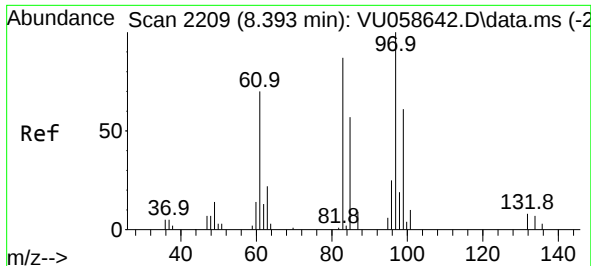
Tgt Ion: 75 Resp: 32304

Ion Ratio Lower Upper

75 100

77 31.1 22.2 41.2

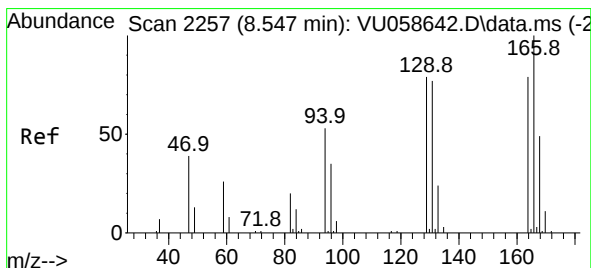
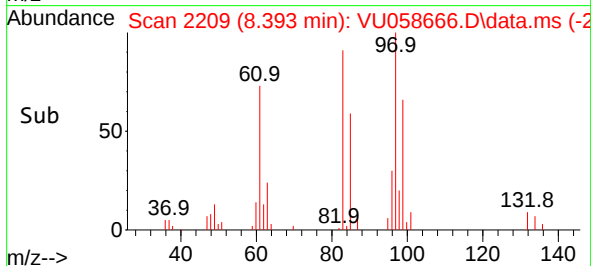
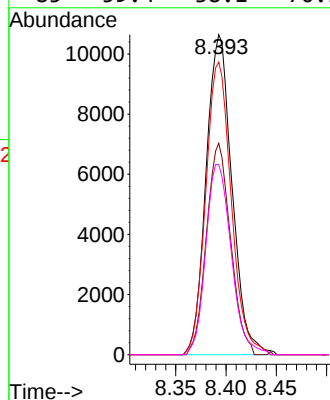
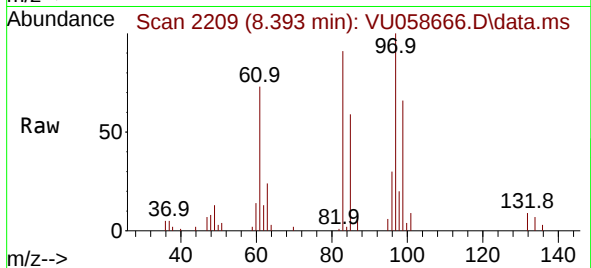




#45
1,1,2-Trichloroethane
Concen: 4.572 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU058666.D
Acq: 12 Apr 2024 20:09

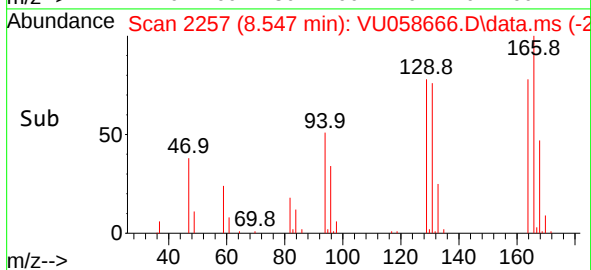
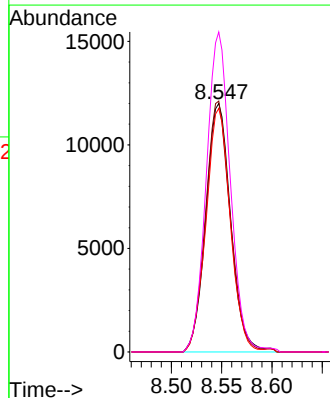
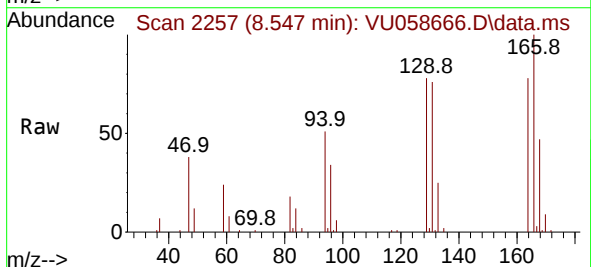
Instrument :
MSVOA_U
ClientSampleId :
E0ME5MSD

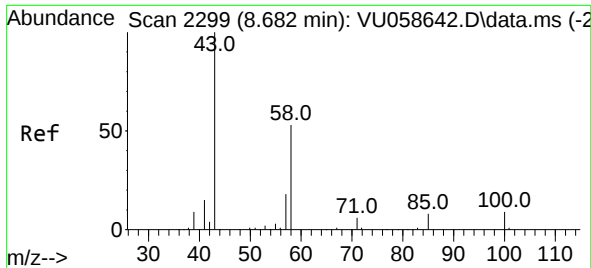
Tgt Ion:	97	Resp:	19051
Ion	Ratio	Lower	Upper
97	100		
99	66.0	43.7	81.1
83	91.4	64.5	119.7
85	59.4	38.1	70.9



#47
Tetrachloroethene
Concen: 4.111 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU058666.D
Acq: 12 Apr 2024 20:09

Tgt Ion:	164	Resp:	20599
Ion	Ratio	Lower	Upper
164	100		
129	101.0	67.3	125.1
131	98.0	65.5	121.6
166	128.8	89.5	166.1

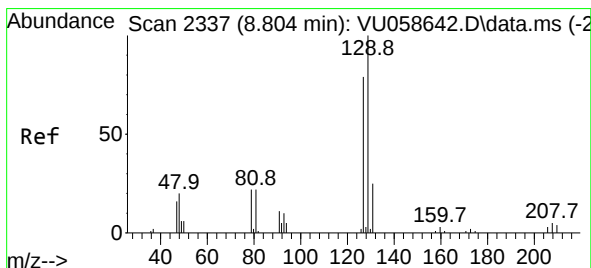
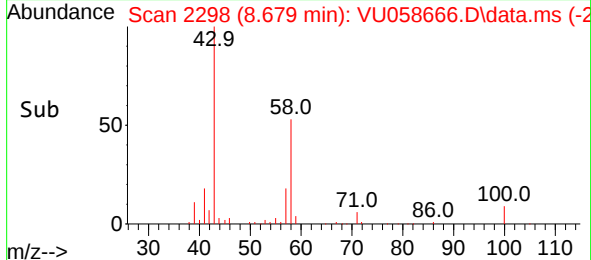
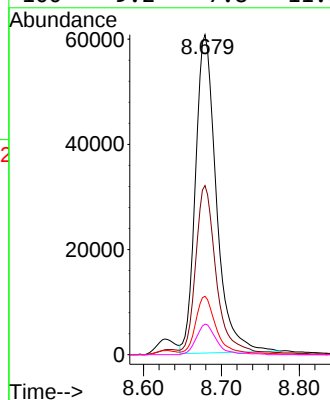
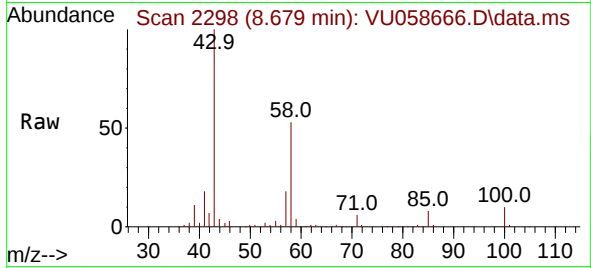




#48
2-Hexanone
Concen: 47.260 ug/L
RT: 8.679 min Scan# 211
Delta R.T. -0.003 min
Lab File: VU058666.D
Acq: 12 Apr 2024 20:09

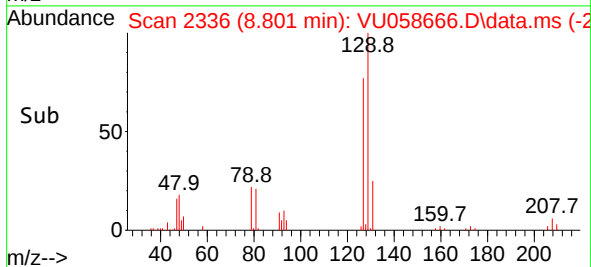
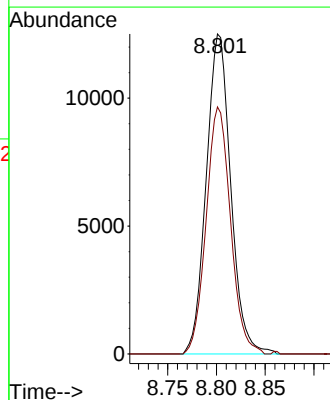
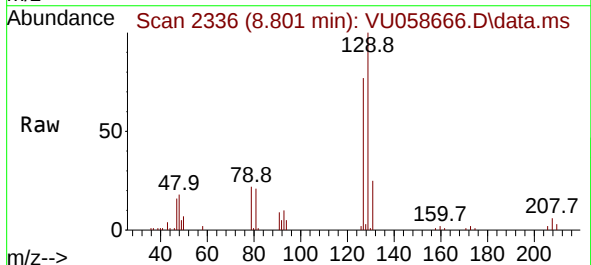
Instrument :
MSVOA_U
ClientSampleId :
E0ME5MSD

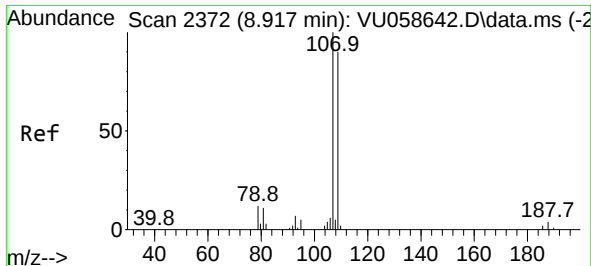
Tgt	Ion: 43	Resp:	112661
Ion	Ratio	Lower	Upper
43	100		
58	52.5	43.2	64.8
57	18.5	15.4	23.0
100	9.2	7.8	11.6



#49
Dibromochloromethane
Concen: 4.548 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.003 min
Lab File: VU058666.D
Acq: 12 Apr 2024 20:09

Tgt Ion:129	Resp: 21910		
Ion Ratio	Lower	Upper	
129 100			
127 77.2	53.5	99.5	

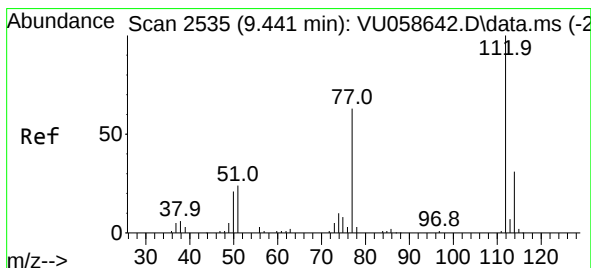
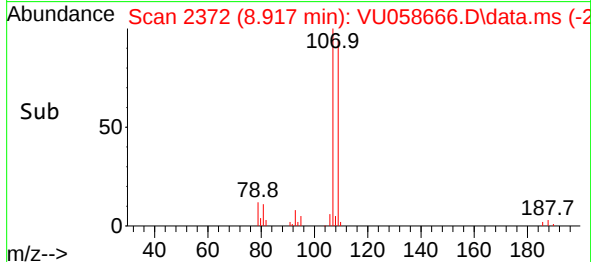
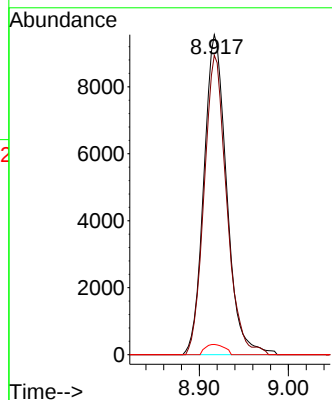
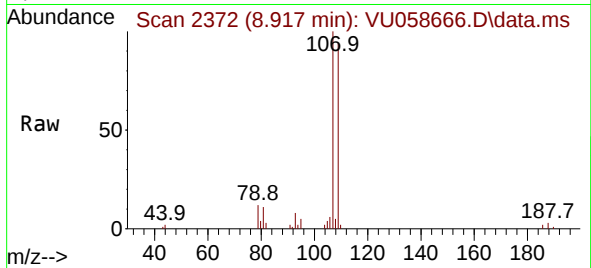




#50
1,2-Dibromoethane
Concen: 4.456 ug/L
RT: 8.917 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU058666.D
Acq: 12 Apr 2024 20:09

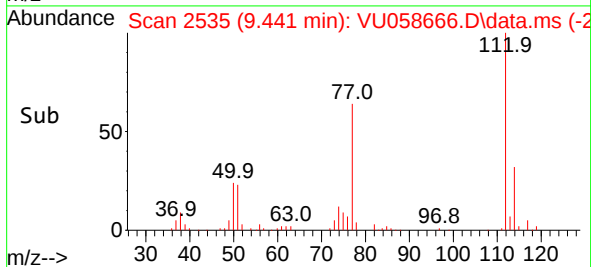
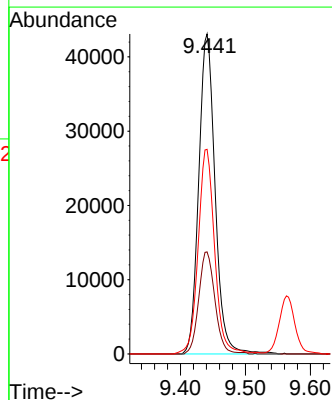
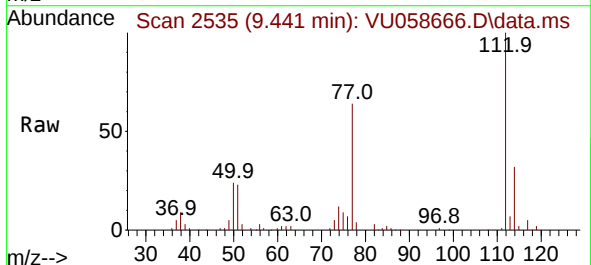
Instrument :
MSVOA_U
ClientSampleId :
E0ME5MSD

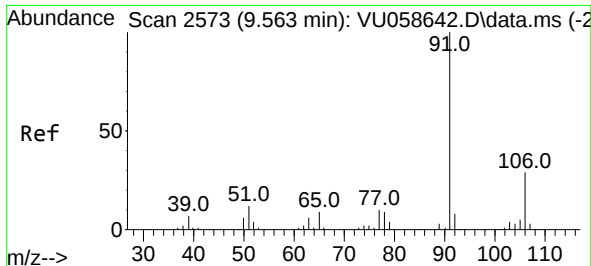
Tgt Ion:107 Resp: 16981
Ion Ratio Lower Upper
107 100
109 93.6 67.3 124.9
188 3.2 2.5 3.7



#51
Chlorobenzene
Concen: 4.392 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU058666.D
Acq: 12 Apr 2024 20:09

Tgt Ion:112 Resp: 75575
Ion Ratio Lower Upper
112 100
114 31.9 22.4 41.6
77 63.9 50.1 75.1

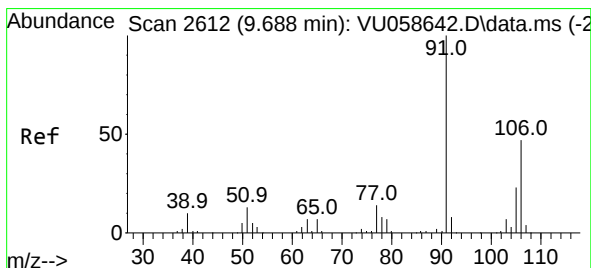
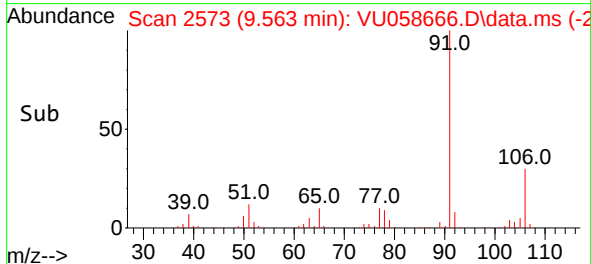
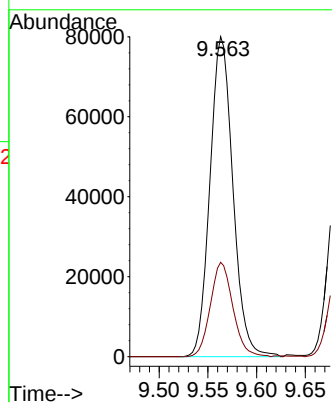
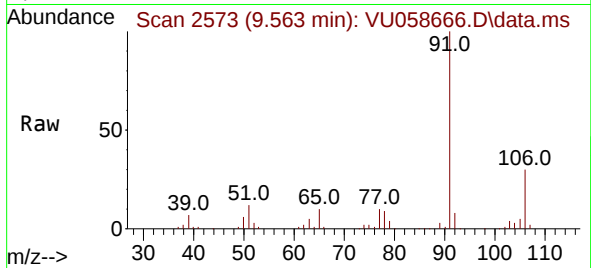




#52
Ethylbenzene
Concen: 4.342 ug/L
RT: 9.563 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VU058666.D
Acq: 12 Apr 2024 20:09

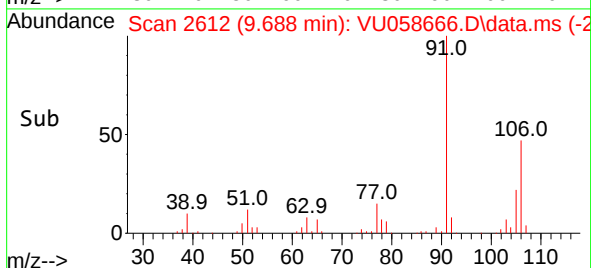
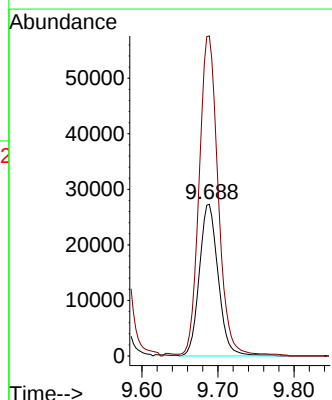
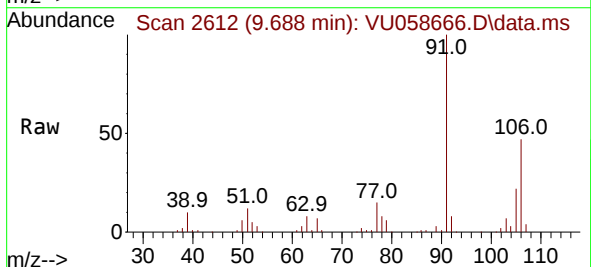
Instrument :
MSVOA_U
ClientSampleId :
E0ME5MSD

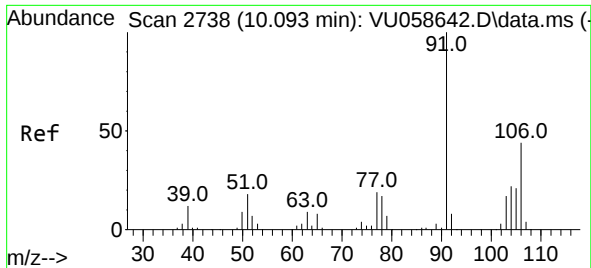
Tgt Ion: 91 Resp: 130819
Ion Ratio Lower Upper
91 100
106 29.5 20.6 38.4



#53
m,p-Xylene
Concen: 4.355 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU058666.D
Acq: 12 Apr 2024 20:09

Tgt Ion: 106 Resp: 46992
Ion Ratio Lower Upper
106 100
91 210.9 147.8 274.4

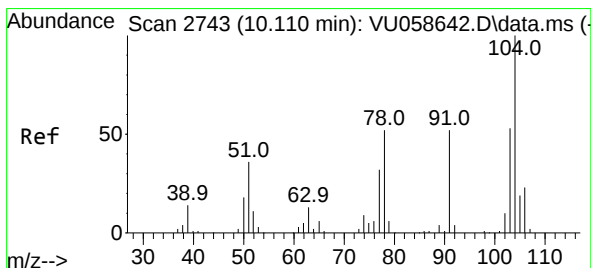
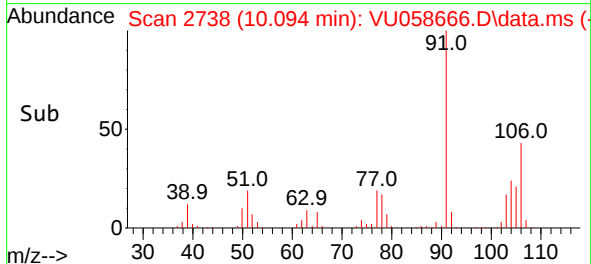
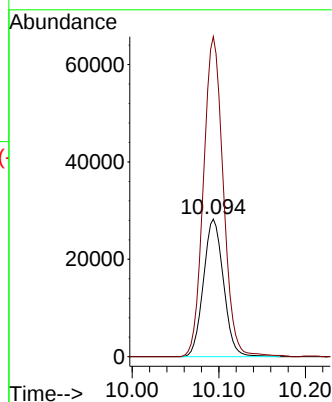
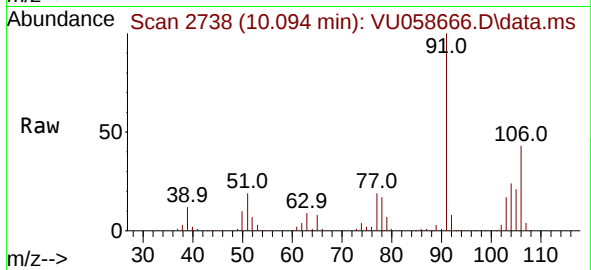




#54
o-Xylene
Concen: 4.302 ug/L
RT: 10.094 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU058666.D
Acq: 12 Apr 2024 20:09

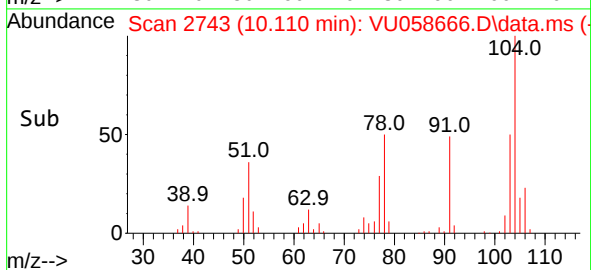
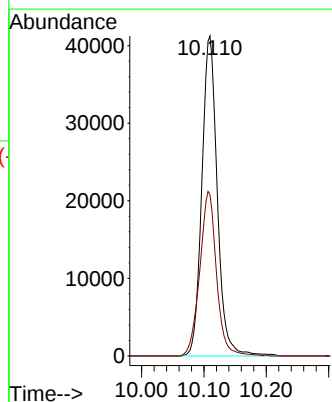
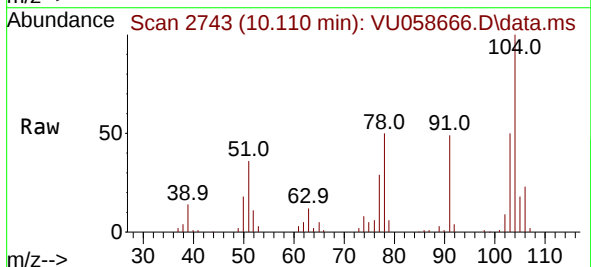
Instrument :
MSVOA_U
ClientSampleId :
E0ME5MSD

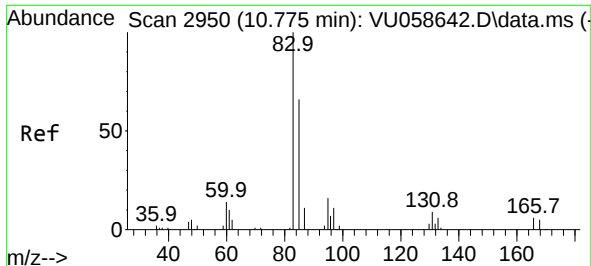
Tgt Ion:106 Resp: 45506
Ion Ratio Lower Upper
106 100
91 232.5 156.9 291.5



#55
Styrene
Concen: 4.178 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU058666.D
Acq: 12 Apr 2024 20:09

Tgt Ion:104 Resp: 71106
Ion Ratio Lower Upper
104 100
78 50.4 33.9 63.0





#57

1,1,2,2-Tetrachloroethane

Concen: 4.613 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU058666.D

Acq: 12 Apr 2024 20:09

Instrument :

MSVOA_U

ClientSampleId :

E0ME5MSD

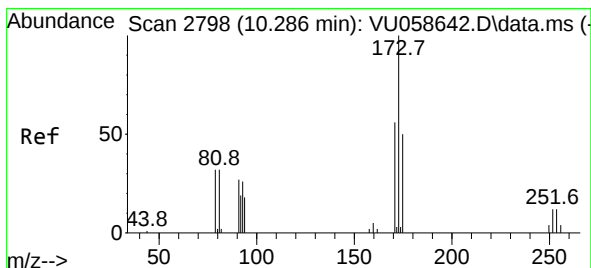
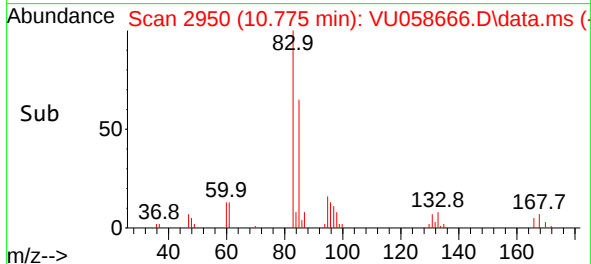
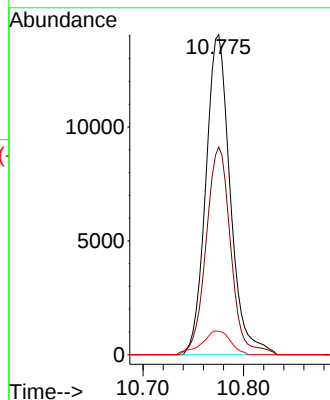
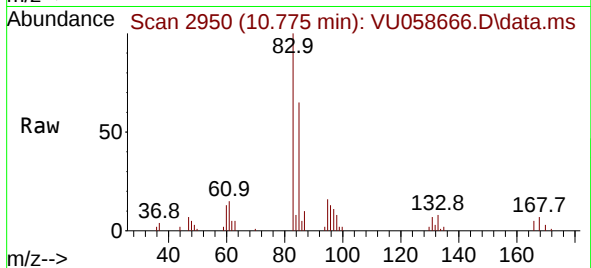
Tgt Ion: 83 Resp: 23708

Ion Ratio Lower Upper

83 100

85 64.9 45.1 83.7

131 7.3 6.9 10.3



#59

Bromoform

Concen: 4.302 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.003 min

Lab File: VU058666.D

Acq: 12 Apr 2024 20:09

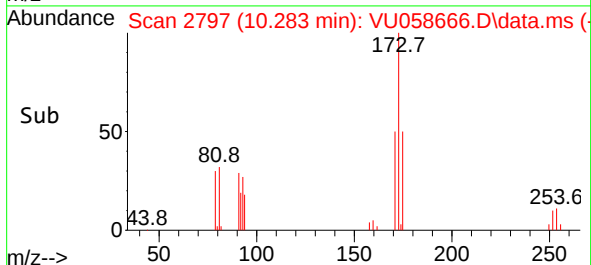
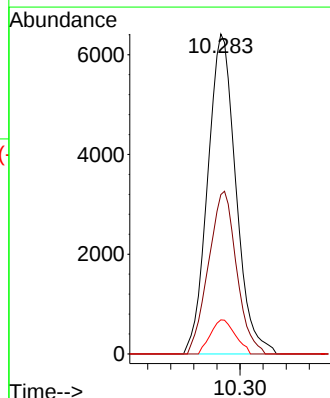
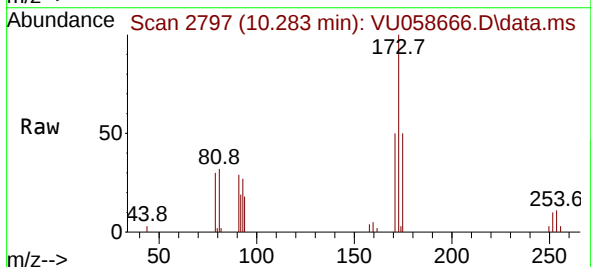
Tgt Ion: 173 Resp: 10851

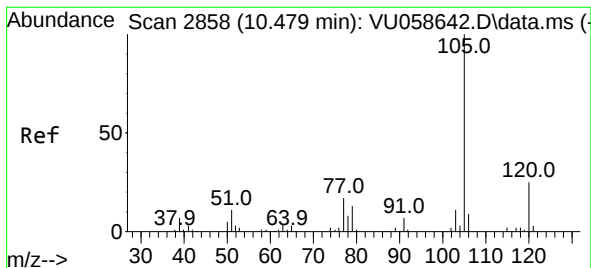
Ion Ratio Lower Upper

173 100

175 50.6 38.0 57.0

254 9.3 7.5 11.3





#60

Isopropylbenzene

Concen: 4.277 ug/L

RT: 10.476 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU058666.D

Acq: 12 Apr 2024 20:09

Instrument :

MSVOA_U

ClientSampleId :

E0ME5MSD

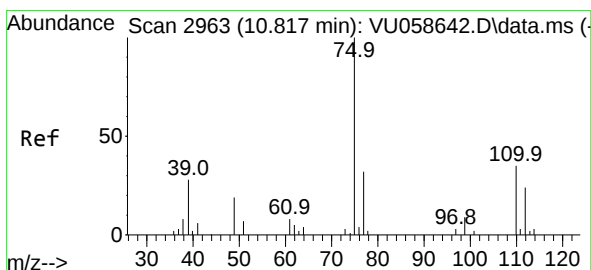
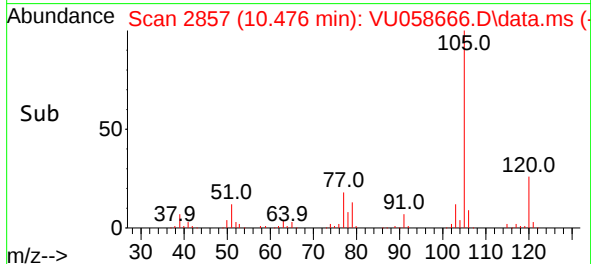
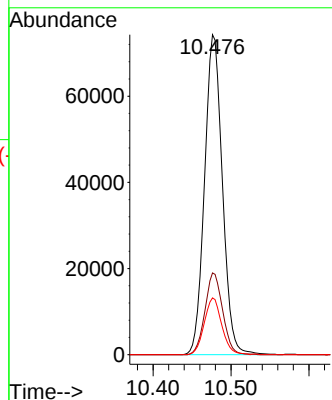
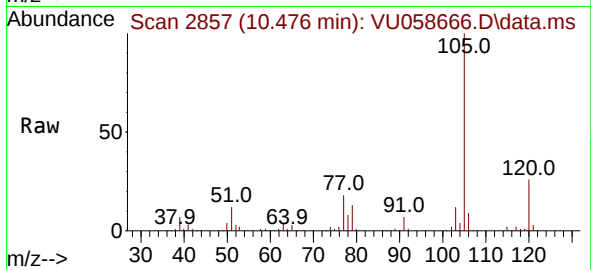
Tgt Ion:105 Resp: 118220

Ion Ratio Lower Upper

105 100

120 25.3 20.2 30.4

77 17.4 13.5 20.3



#61

1,2,3-Trichloropropane

Concen: 4.457 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. -0.003 min

Lab File: VU058666.D

Acq: 12 Apr 2024 20:09

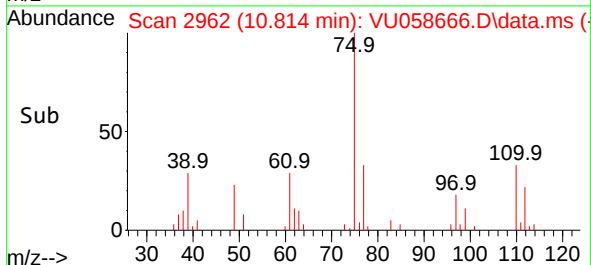
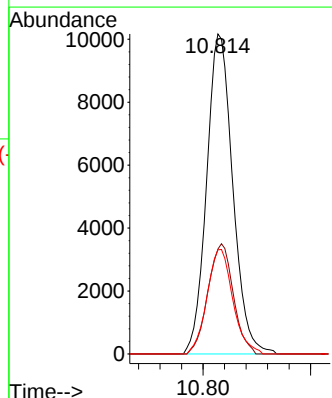
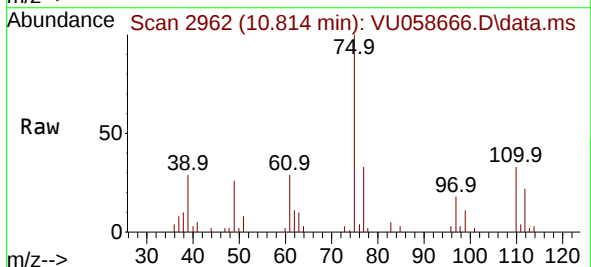
Tgt Ion: 75 Resp: 17169

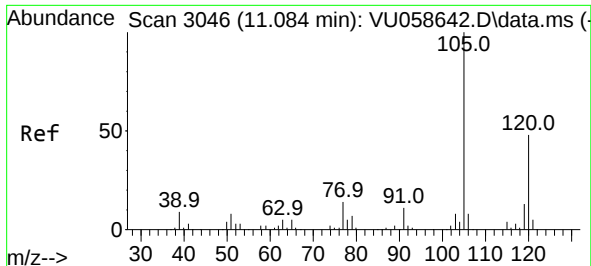
Ion Ratio Lower Upper

75 100

110 33.4 25.8 38.6

77 32.3 25.1 37.7





#62

1,3,5-Trimethylbenzene

Concen: 4.157 ug/L

RT: 11.081 min Scan# 3046

Delta R.T. -0.003 min

Lab File: VU058666.D

Acq: 12 Apr 2024 20:09

Instrument :

MSVOA_U

ClientSampleId :

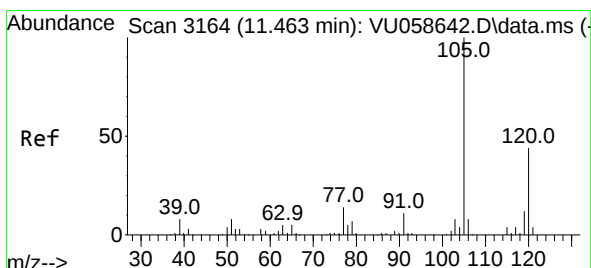
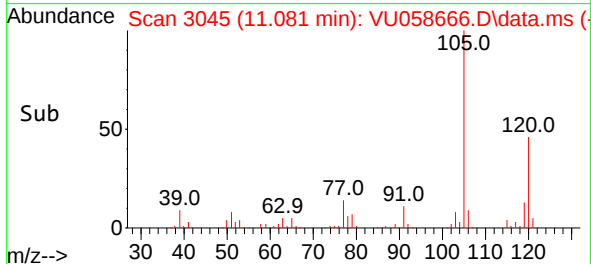
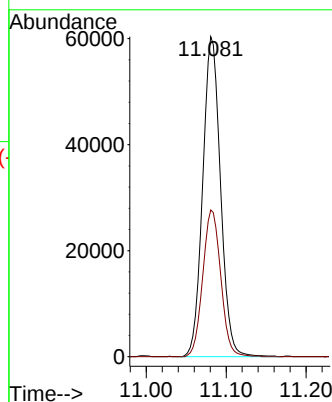
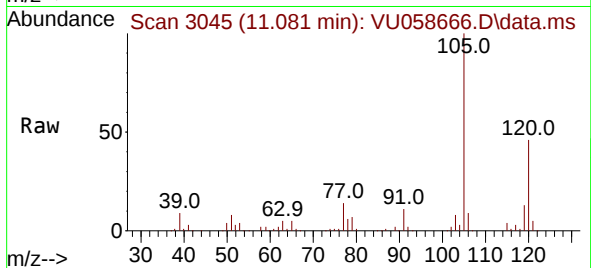
E0ME5MSD

Tgt Ion:105 Resp: 93682

Ion Ratio Lower Upper

105 100

120 46.4 37.2 55.8



#63

1,2,4-Trimethylbenzene

Concen: 4.096 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.003 min

Lab File: VU058666.D

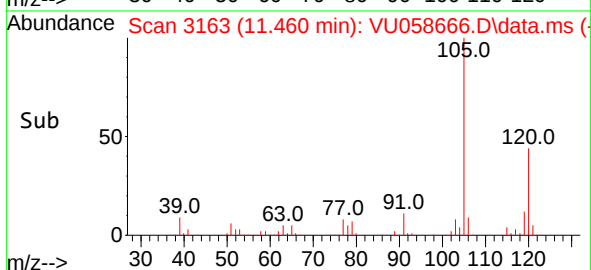
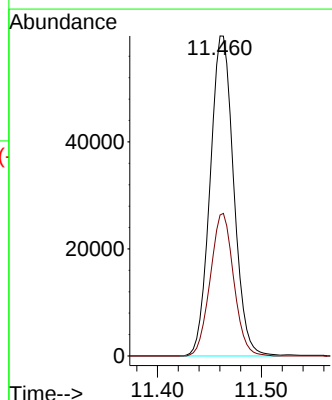
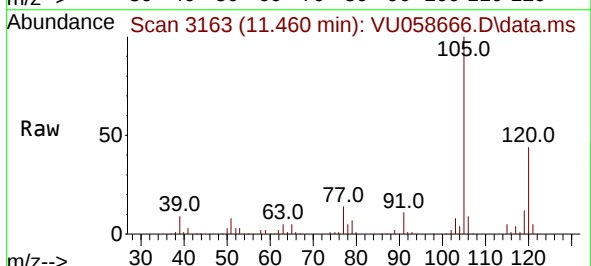
Acq: 12 Apr 2024 20:09

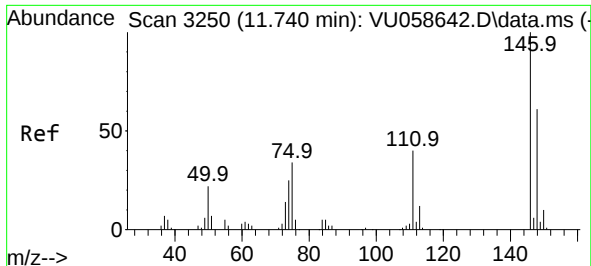
Tgt Ion:105 Resp: 94266

Ion Ratio Lower Upper

105 100

120 44.2 34.7 52.1

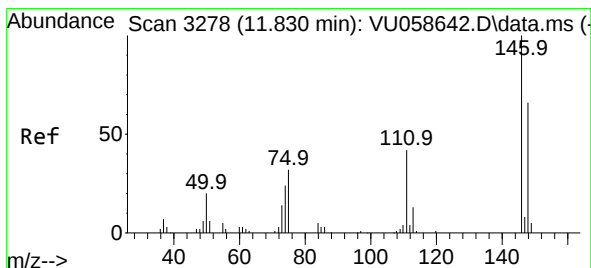
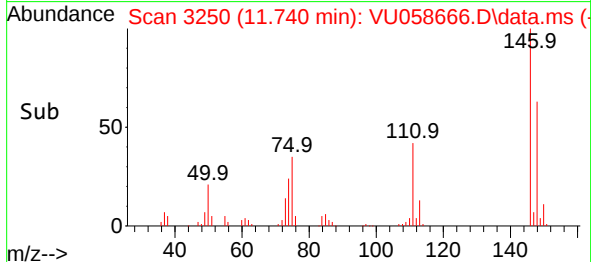
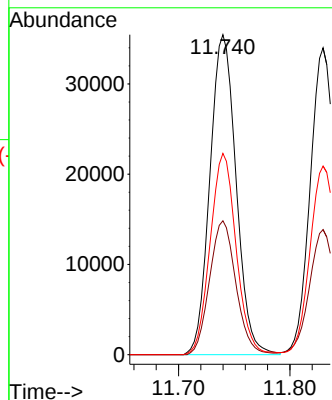
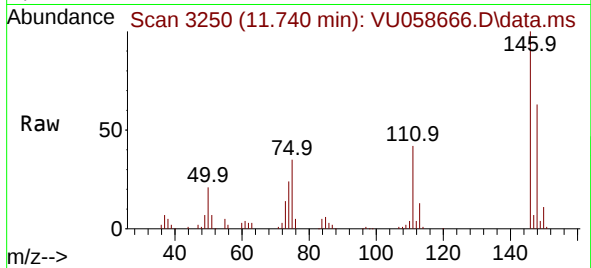




#64
1,3-Dichlorobenzene
Concen: 4.313 ug/L
RT: 11.740 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU058666.D
Acq: 12 Apr 2024 20:09

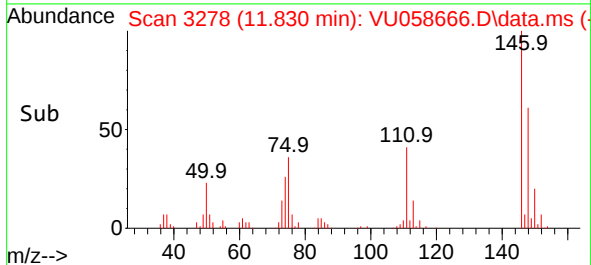
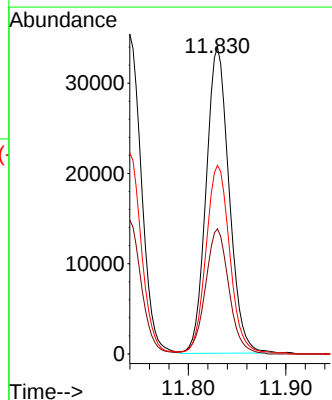
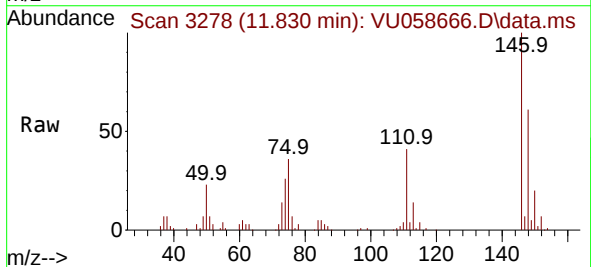
Instrument :
MSVOA_U
ClientSampleId :
E0ME5MSD

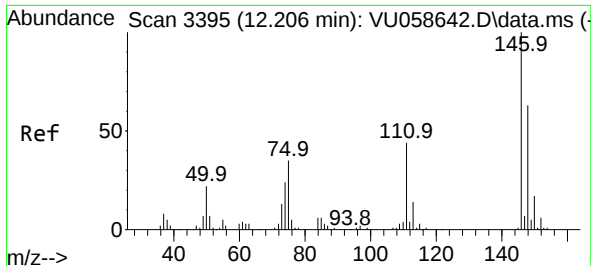
Tgt Ion:146 Resp: 57903
Ion Ratio Lower Upper
146 100
111 41.9 28.8 53.4
148 62.9 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 4.260 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU058666.D
Acq: 12 Apr 2024 20:09

Tgt Ion:146 Resp: 55720
Ion Ratio Lower Upper
146 100
111 40.8 28.8 53.6
148 61.5 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 4.238 ug/L

RT: 12.206 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU058666.D

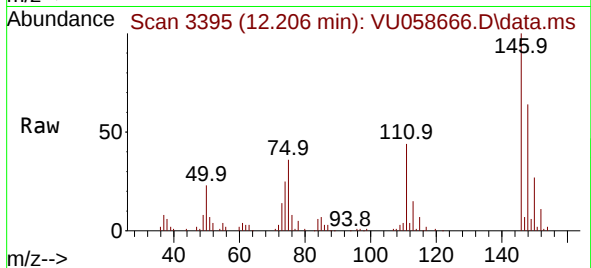
Acq: 12 Apr 2024 20:09

Instrument :

MSVOA_U

ClientSampleId :

E0ME5MSD



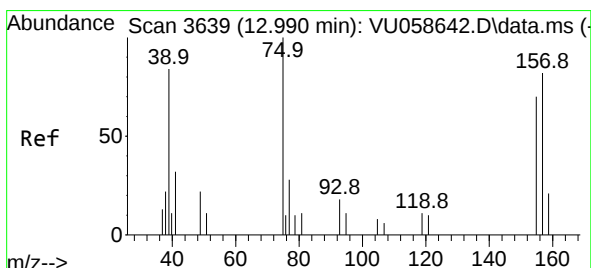
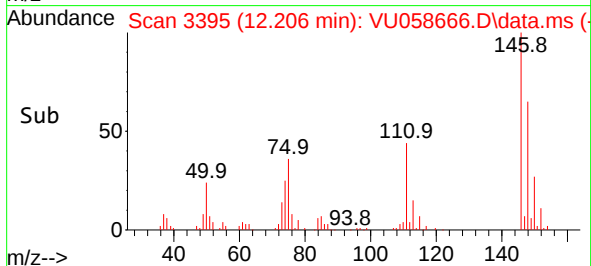
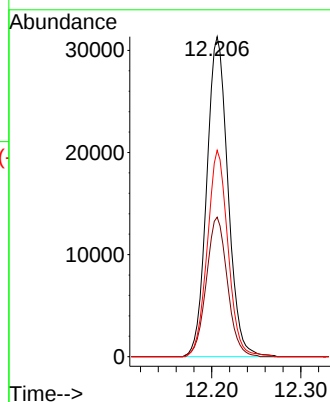
Tgt Ion:146 Resp: 51761

Ion Ratio Lower Upper

146 100

111 43.6 35.0 52.4

148 64.5 52.5 78.7



#68

1,2-Dibromo-3-chloropropane

Concen: 4.827 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU058666.D

Acq: 12 Apr 2024 20:09

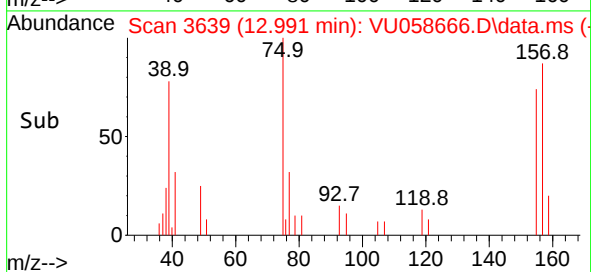
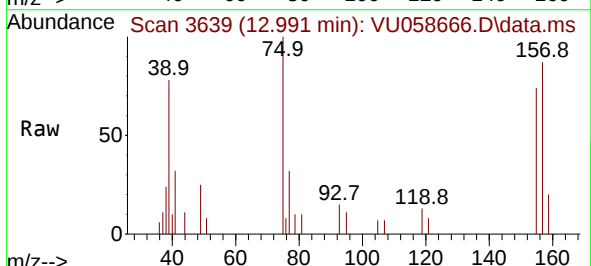
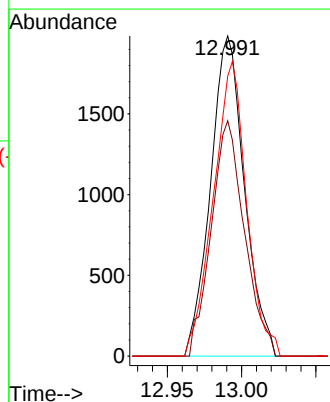
Tgt Ion: 75 Resp: 3153

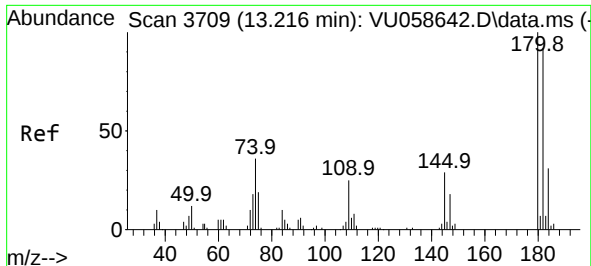
Ion Ratio Lower Upper

75 100

155 73.5 61.4 92.0

157 87.4 81.7 122.5

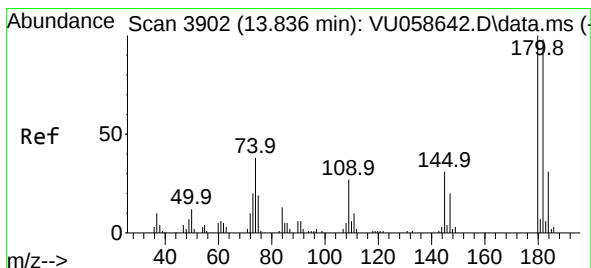
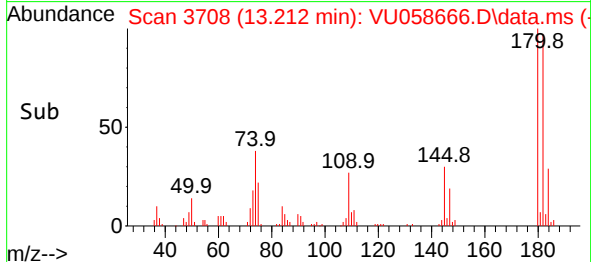
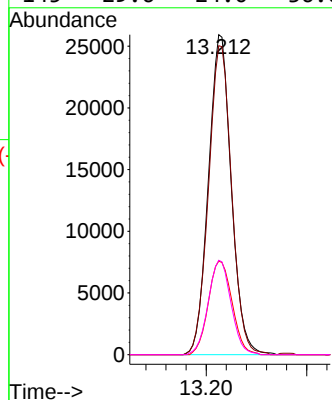
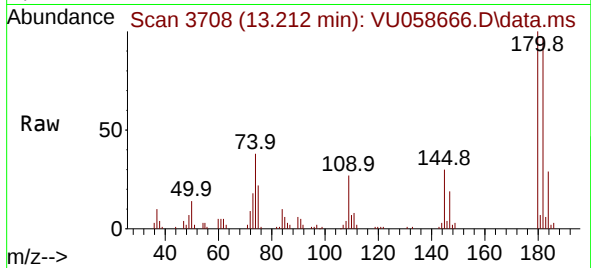




#69
 1,3,5-Trichlorobenzene
 Concen: 4.112 ug/L
 RT: 13.212 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU058666.D
 Acq: 12 Apr 2024 20:09

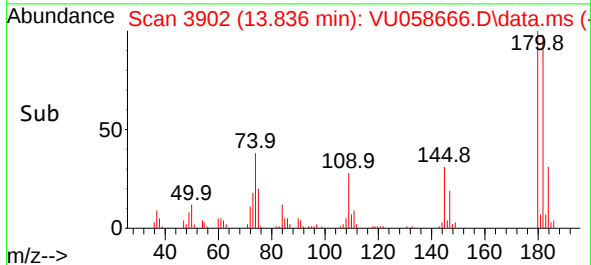
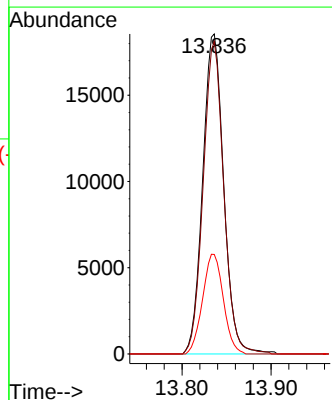
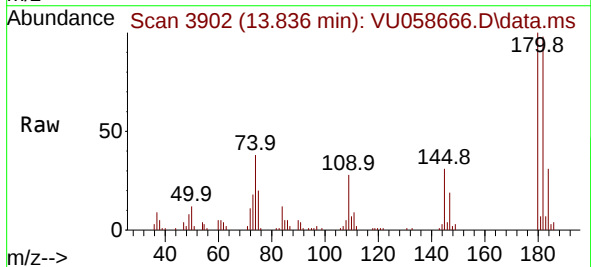
Instrument :
 MSVOA_U
 ClientSampleId :
 E0ME5MSD

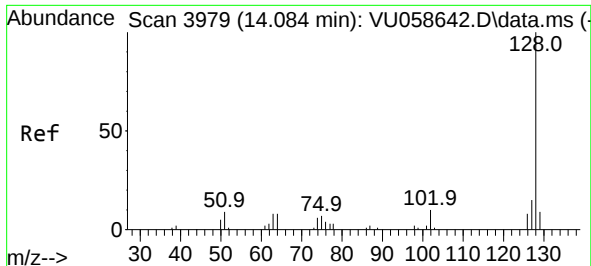
Tgt Ion:180 Resp: 40825
 Ion Ratio Lower Upper
 180 100
 182 97.7 75.7 113.5
 184 30.4 24.3 36.5
 145 29.6 24.0 36.0



#70
 1,2,4-trichlorobenzene
 Concen: 3.965 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. 0.000 min
 Lab File: VU058666.D
 Acq: 12 Apr 2024 20:09

Tgt Ion:180 Resp: 30357
 Ion Ratio Lower Upper
 180 100
 182 95.4 74.4 111.6
 145 30.7 24.1 36.1

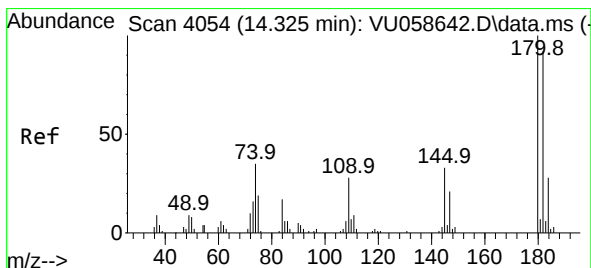
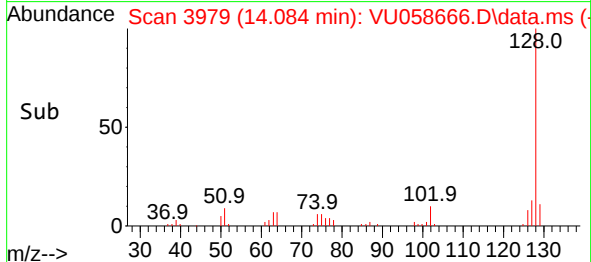
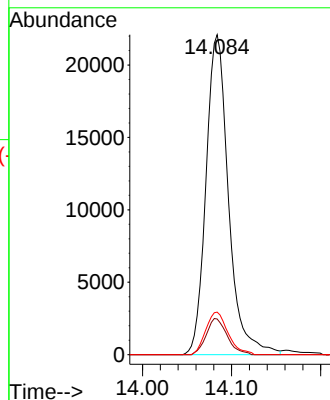
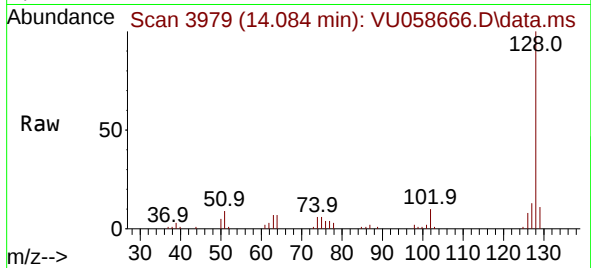




#71
Naphthalene
Concen: 3.700 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. 0.000 min
Lab File: VU058666.D
Acq: 12 Apr 2024 20:09

Instrument :
MSVOA_U
ClientSampleId :
E0ME5MSD

Tgt Ion:	128	Resp:	38814
Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.6	13.0
127	13.2	11.0	16.6



#72
1,2,3-Trichlorobenzene
Concen: 4.016 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.003 min
Lab File: VU058666.D
Acq: 12 Apr 2024 20:09

Tgt Ion:	180	Resp:	25392
Ion	Ratio	Lower	Upper
180	100		
182	97.0	75.9	113.9
145	31.2	25.2	37.8

