

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040224\
 Data File : VU058346.D
 Acq On : 02 Apr 2024 18:54
 Operator : MD/SY
 Sample : P1912-11MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DCOE1MS

Quant Time: Apr 03 02:05:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 03 01:56:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	76225	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	71740	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	36091	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	20354	3.160	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.200%
7) Chloroethane-d5	1.907	69	20446	3.889	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.800%
11) 1,1-Dichloroethene-d2	2.560	65	9034	3.378	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.600%
20) 2-Butanone-d5	4.621	46	55568	48.558	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.120%
24) Chloroform-d	5.052	84	47081	4.088	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.800%
26) 1,2-Dichloroethane-d4	5.695	65	22748	4.225	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
32) Benzene-d6	5.718	84	91826	3.941	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.800%
36) 1,2-Dichloropropane-d6	6.682	67	29230	4.256	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.200%
41) Toluene-d8	7.891	98	81908	3.968	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.400%
43) trans-1,3-Dichloroprop...	8.174	79	9124	4.146	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.000%
46) 2-Hexanone-d5	8.627	63	42187	47.341	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.680%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	20357	4.550	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	27929	4.156	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	10747	3.423	ug/L	98
3) Chloromethane	1.515	50	13156	3.287	ug/L	99
5) Vinyl chloride	1.599	62	16504	3.777	ug/L	100
6) Bromomethane	1.853	94	6212	2.650	ug/L	95
8) Chloroethane	1.927	64	13195	4.579	ug/L	100
9) Trichlorofluoromethane	2.132	101	29025	4.087	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	18957	4.159	ug/L	98
12) 1,1-Dichloroethene	2.573	96	15265	3.995	ug/L	95
13) Acetone	2.634	43	31325	42.295	ug/L	98
14) Carbon disulfide	2.785	76	27708	3.245	ug/L	99
15) Methyl Acetate	2.949	43	7377	4.798	ug/L	92
16) Methylene chloride	3.036	84	20202	3.731	ug/L	98
17) Methyl tert-butyl Ether	3.351	73	45110	4.399	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	16134	4.040	ug/L	97
19) 1,1-Dichloroethane	3.859	63	40536	4.518	ug/L	98
21) 2-Butanone	4.701	43	48536	43.135	ug/L	98
22) cis-1,2-Dichloroethene	4.656	96	22589	4.577	ug/L	97
23) Bromochloromethane	4.968	128	8293	4.503	ug/L	97
25) Chloroform	5.078	83	42239	4.489	ug/L	94

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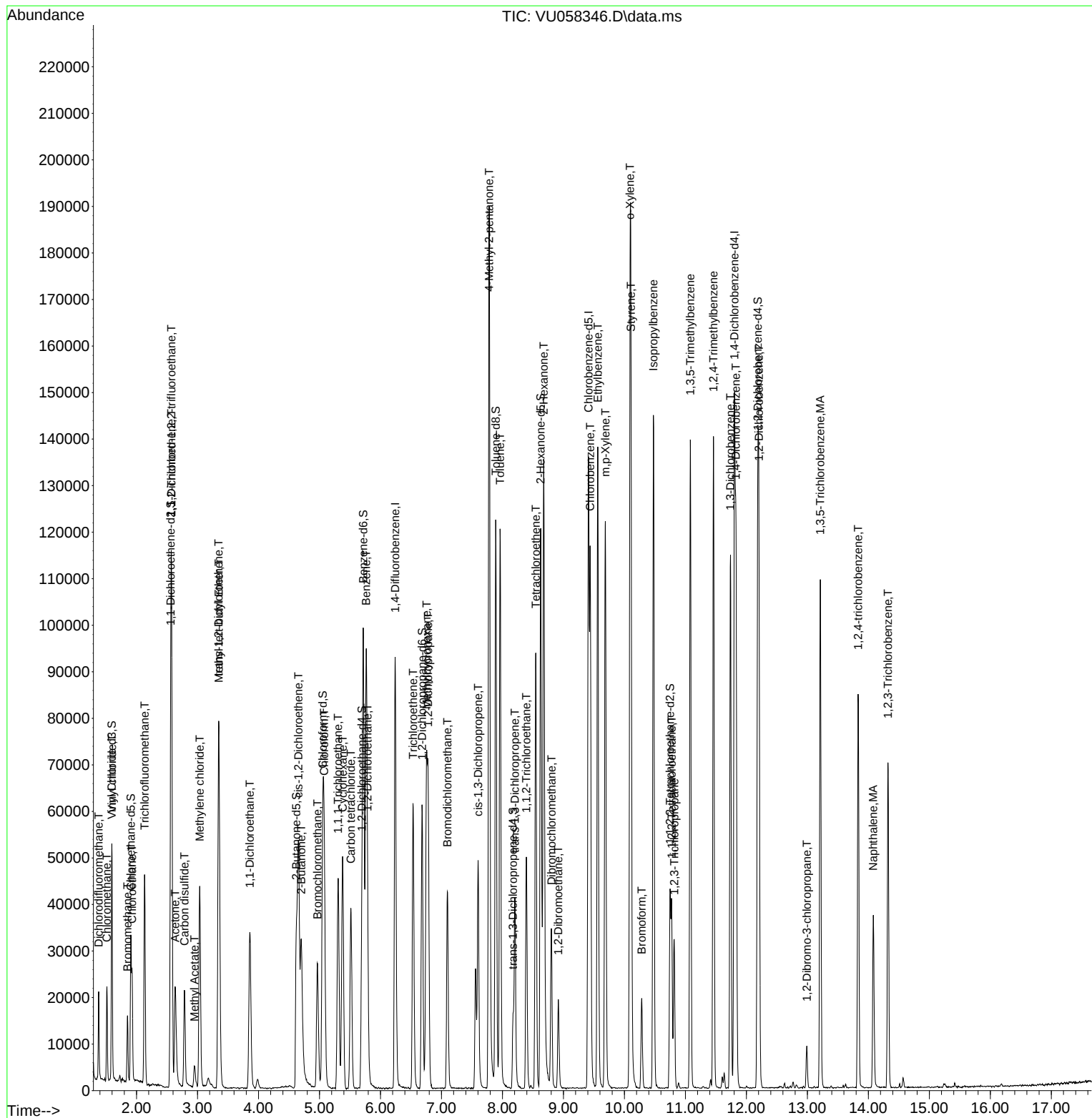
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	24698	4.623	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	32500	4.382	ug/L	98
30) Cyclohexane	5.380	56	23820	3.677	ug/L	99
31) Carbon tetrachloride	5.515	117	26465	4.191	ug/L	96
33) Benzene	5.766	78	82476	4.377	ug/L	100
34) Trichloroethene	6.534	95	21078	4.294	ug/L	96
35) Methylcyclohexane	6.756	83	25739	3.760	ug/L	99
37) 1,2-Dichloropropane	6.782	63	24040	4.567	ug/L	100
38) Bromodichloromethane	7.097	83	28314	4.693	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	30174	4.520	ug/L	95
40) 4-Methyl-2-pentanone	7.782	43	127817	48.024	ug/L	98
42) Toluene	7.962	91	87298	4.385	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	24201	4.607	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	15328	4.623	ug/L	97
47) Tetrachloroethene	8.547	164	19667	5.981	ug/L	98
48) 2-Hexanone	8.676	43	90420	46.651	ug/L	96
49) Dibromochloromethane	8.804	129	16920	4.664	ug/L	99
50) 1,2-Dibromoethane	8.917	107	12547	4.396	ug/L #	98
51) Chlorobenzene	9.441	112	57805	4.506	ug/L	99
52) Ethylbenzene	9.563	91	96526	4.342	ug/L	98
53) m,p-Xylene	9.688	106	34868	4.402	ug/L	95
54) o-Xylene	10.094	106	35268	4.411	ug/L	100
55) Styrene	10.110	104	57288	4.538	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	19051	4.875	ug/L	100
59) Bromoform	10.283	173	8522	4.496	ug/L	94
60) Isopropylbenzene	10.476	105	92396	4.261	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	13341	4.414	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	75555	4.152	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	75490	4.177	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	44755	4.432	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	43019	4.408	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	41188	4.411	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.991	75	2358	5.174	ug/L	95
69) 1,3,5-Trichlorobenzene	13.212	180	32325	4.578	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	24686	4.687	ug/L	97
71) Naphthalene	14.081	128	31057	4.330	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	20161	4.675	ug/L	97

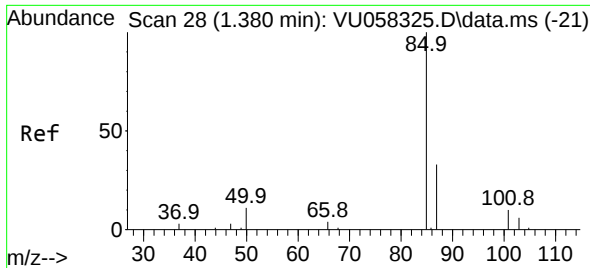
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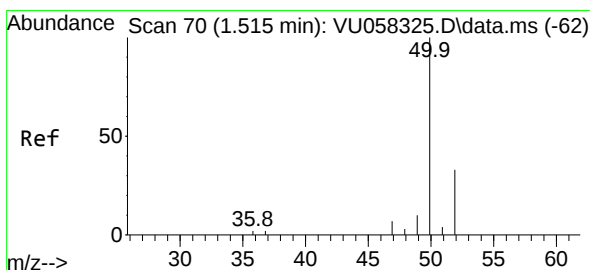
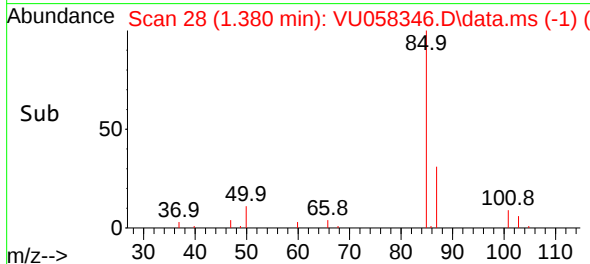
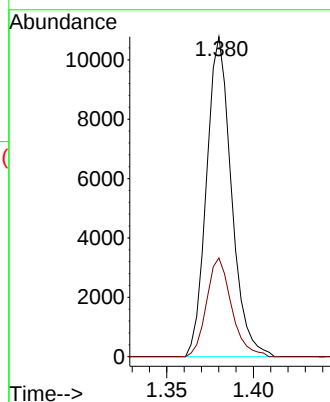
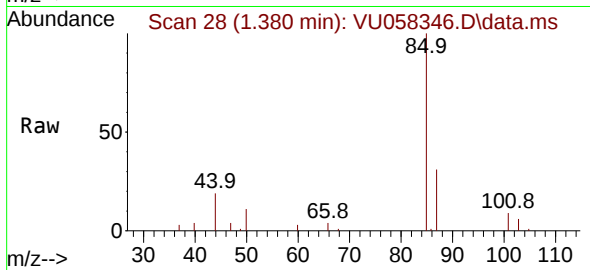




#2
 Dichlorodifluoromethane
 Concen: 3.423 ug/L
 RT: 1.380 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU058346.D
 Acq: 02 Apr 2024 18:54

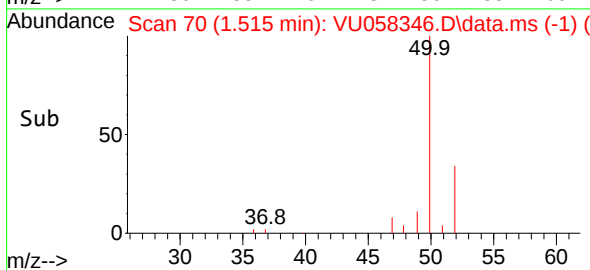
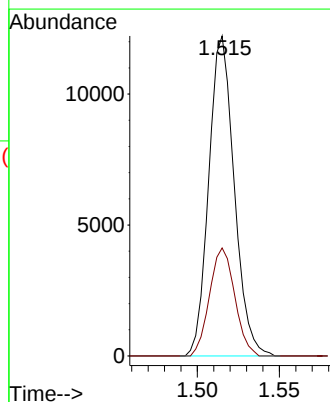
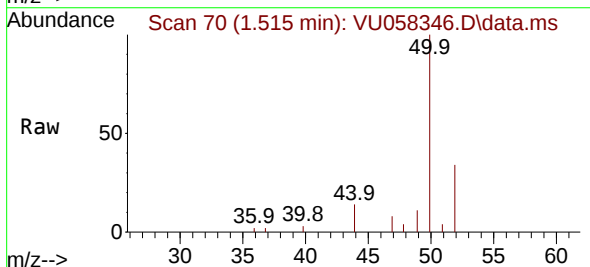
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 ClientSampleId :
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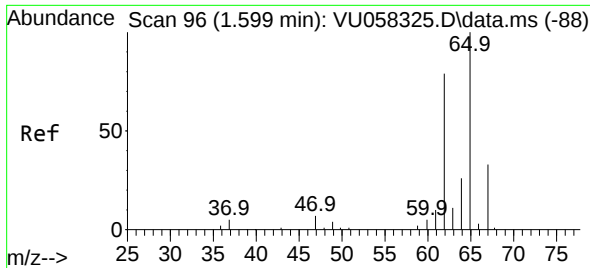
Tgt Ion: 85 Resp: 10747
 Ion Ratio Lower Upper
 85 100
 87 31.0 25.8 38.8



#3
 Chloromethane
 Concen: 3.287 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU058346.D
 Acq: 02 Apr 2024 18:54

Tgt Ion: 50 Resp: 13156
 Ion Ratio Lower Upper
 50 100
 52 33.8 24.2 45.0

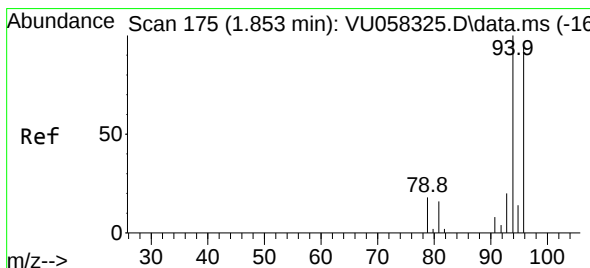
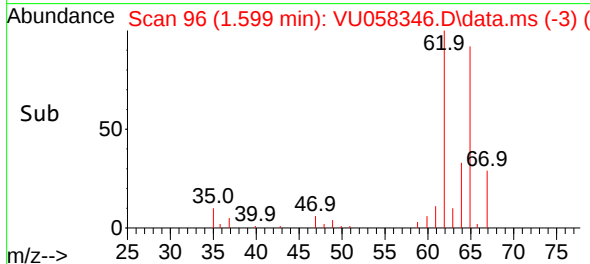
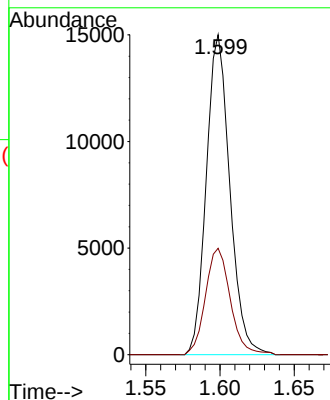
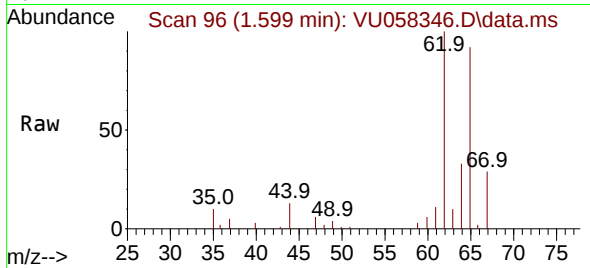




#5
 Vinyl chloride
 Concen: 3.777 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VU058346.D
 Acq: 02 Apr 2024 18:54

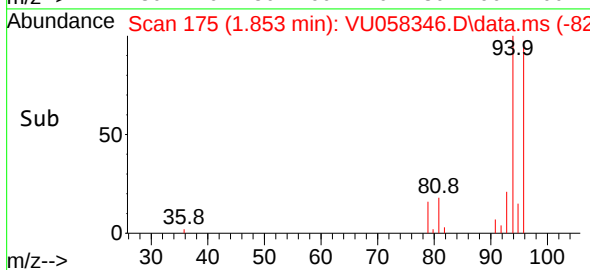
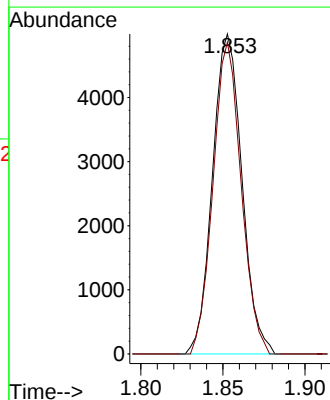
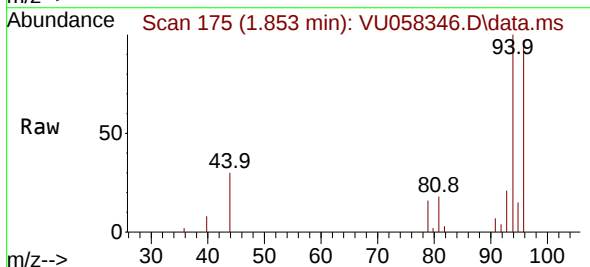
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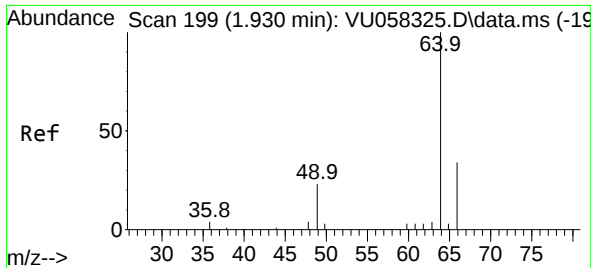
Tgt Ion: 62 Resp: 16504
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.4 43.6



#6
 Bromomethane
 Concen: 2.650 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. 0.000 min
 Lab File: VU058346.D
 Acq: 02 Apr 2024 18:54

Tgt Ion: 94 Resp: 6212
 Ion Ratio Lower Upper
 94 100
 96 97.4 64.8 120.4

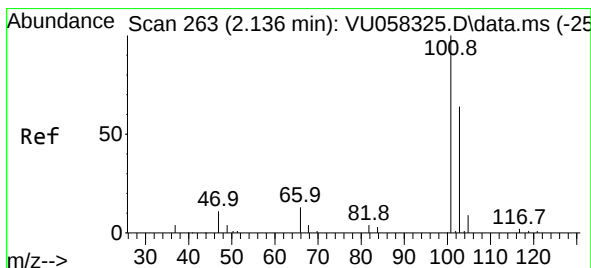
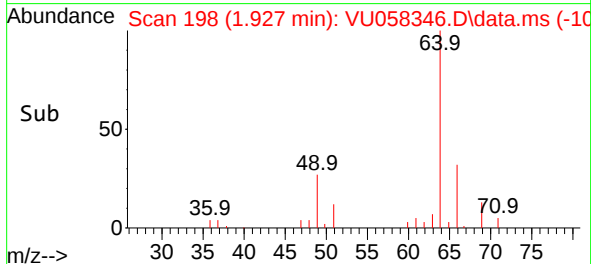
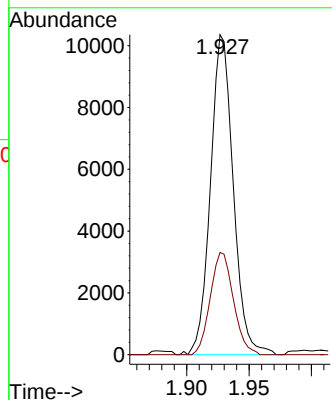
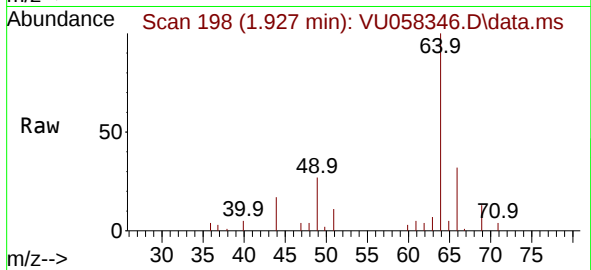




#8
Chloroethane
Concen: 4.579 ug/L
RT: 1.927 min Scan# 199
Delta R.T. -0.003 min
Lab File: VU058346.D
Acq: 02 Apr 2024 18:54

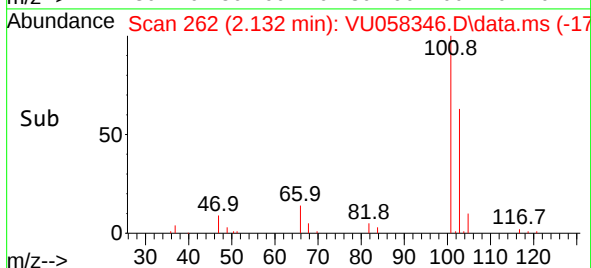
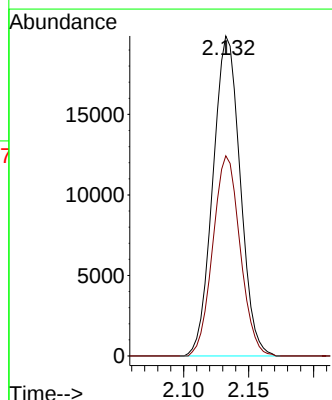
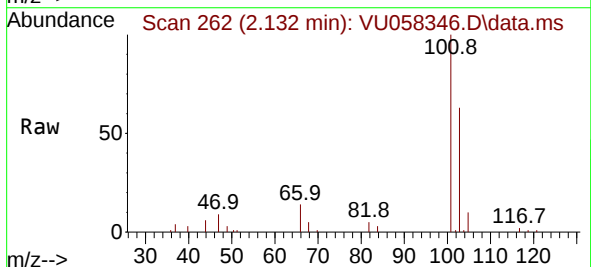
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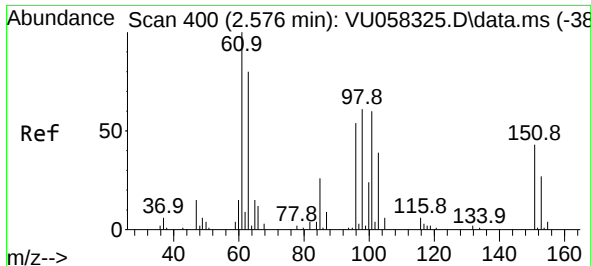
Tgt Ion: 64 Resp: 13195
Ion Ratio Lower Upper
64 100
66 31.9 22.5 41.9



#9
Trichlorofluoromethane
Concen: 4.087 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.003 min
Lab File: VU058346.D
Acq: 02 Apr 2024 18:54

Tgt Ion:101 Resp: 29025
Ion Ratio Lower Upper
101 100
103 62.4 52.3 78.5

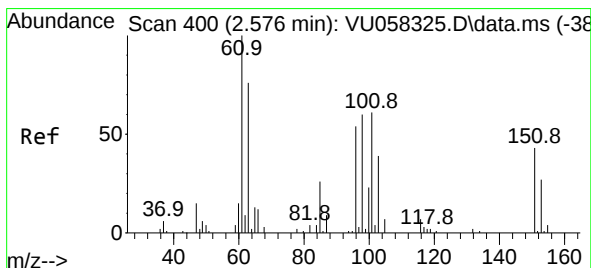
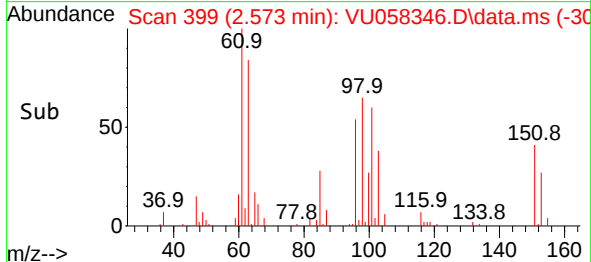
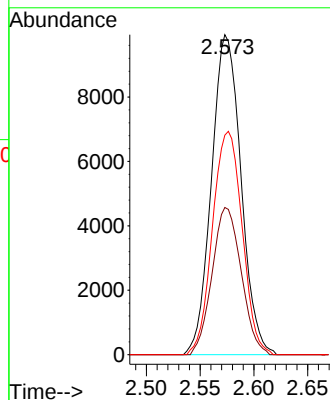
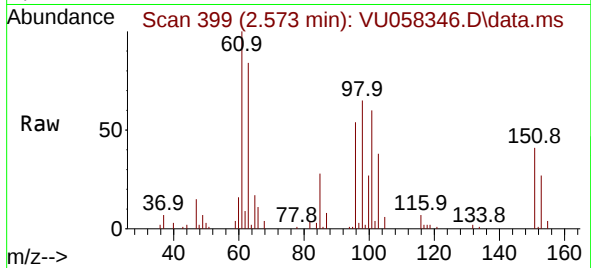




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.159 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.003 min
 Lab File: VU058346.D
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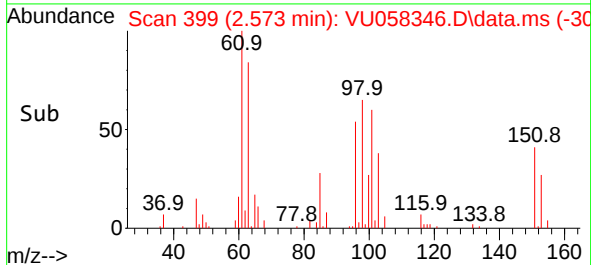
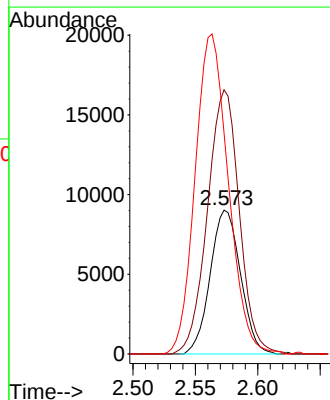
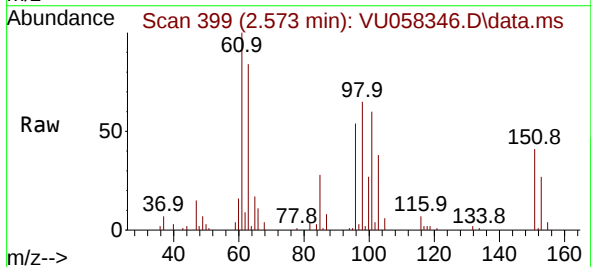
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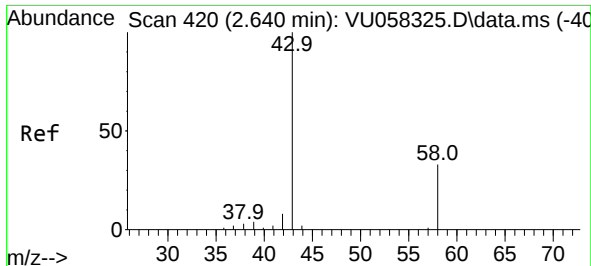
Tgt Ion: 101 Resp: 18957
 Ion Ratio Lower Upper
 101 100
 85 45.4 37.9 56.9
 151 70.2 55.3 82.9



#12
 1,1-Dichloroethene
 Concen: 3.995 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.003 min
 Lab File: VU058346.D
 Acq: 02 Apr 2024 18:54

Tgt Ion: 96 Resp: 15265
 Ion Ratio Lower Upper
 96 100
 61 183.6 128.1 237.9
 63 153.7 116.8 217.0





#13

Acetone

Concen: 42.295 ug/L

RT: 2.634 min Scan# 41

Delta R.T. -0.006 min

Lab File: VU058346.D

Acq: 02 Apr 2024 18:54

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ClientSampleId :

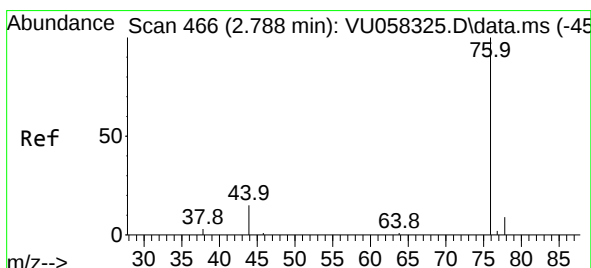
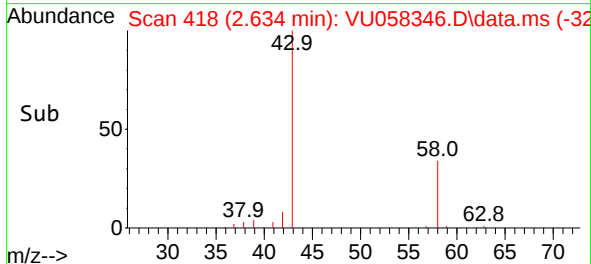
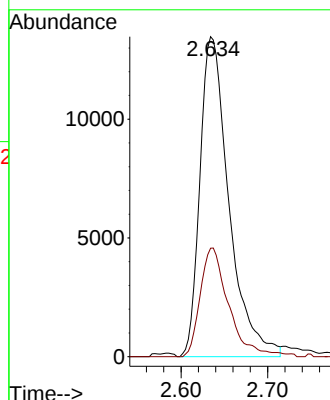
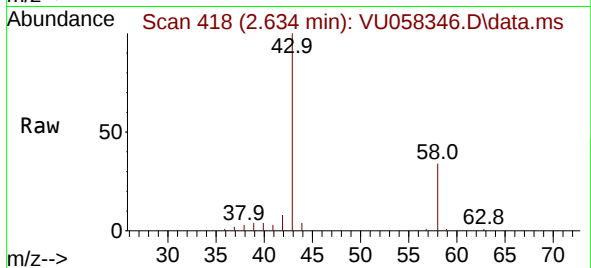
DCOE1MS

Tgt Ion: 43 Resp: 31325

Ion Ratio Lower Upper

43 100

58 33.4 0.0 64.6



#14

Carbon disulfide

Concen: 3.245 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.003 min

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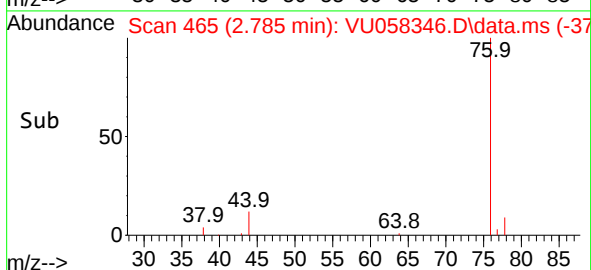
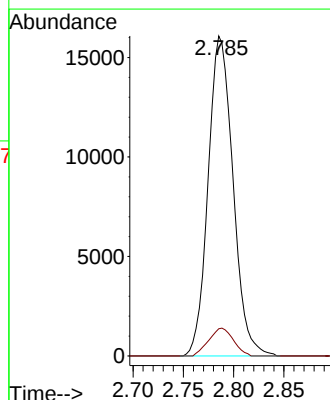
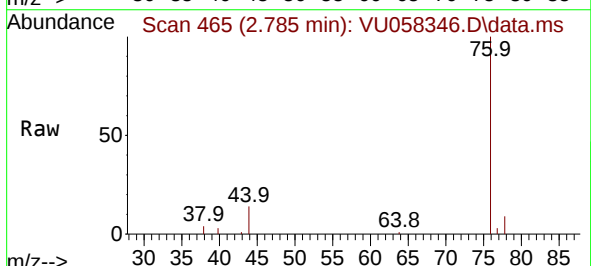
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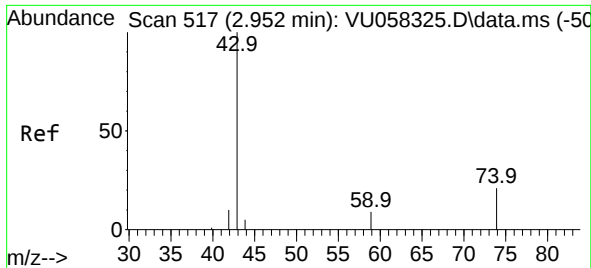
Tgt Ion: 76 Resp: 27708

Ion Ratio Lower Upper

76 100

78 8.5 7.2 10.8

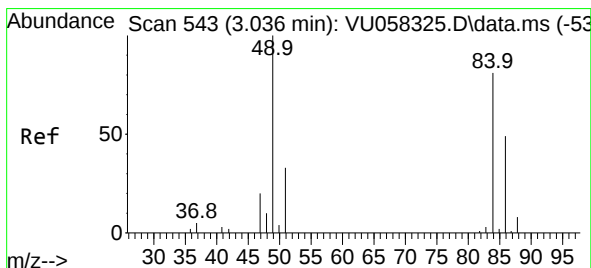
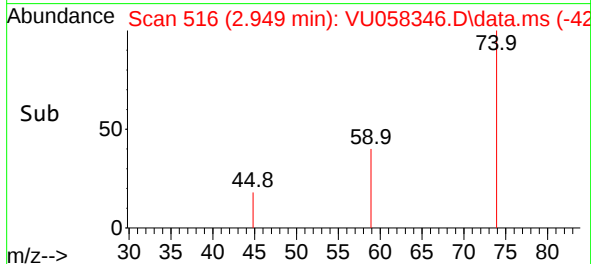
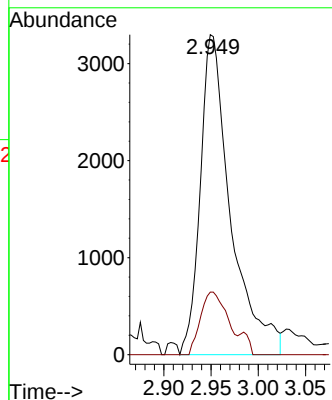
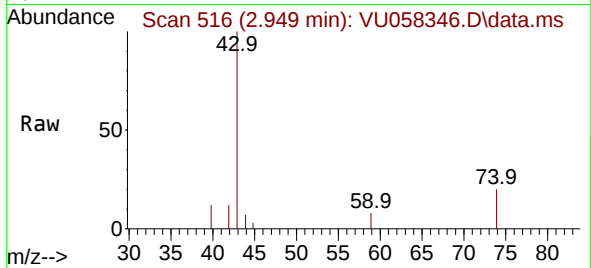




#15
Methyl Acetate
Concen: 4.798 ug/L
RT: 2.949 min Scan# 517
Delta R.T. -0.003 min
Lab File: VU058346.D
Acq: 02 Apr 2024 18:54

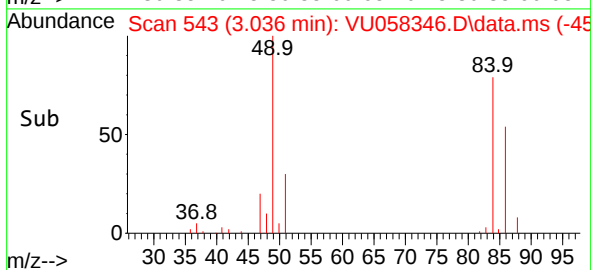
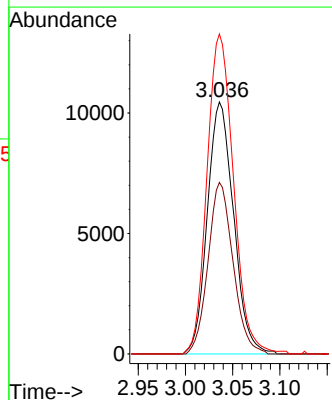
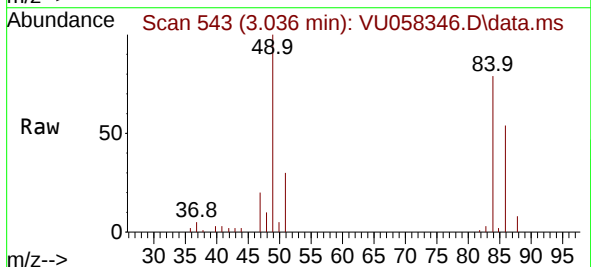
Instrument :
MSVOA_U
ClientSampleId :
DCOE1MS

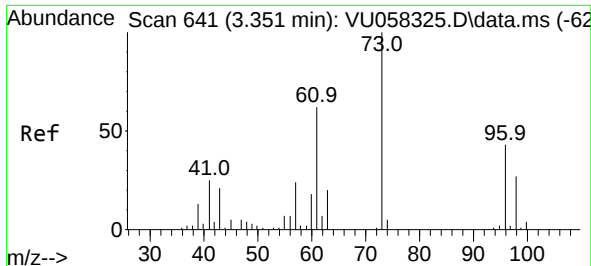
Tgt Ion: 43 Resp: 7377
Ion Ratio Lower Upper
43 100
74 17.1 16.8 25.2



#16
Methylene chloride
Concen: 3.731 ug/L
RT: 3.036 min Scan# 543
Delta R.T. 0.000 min
Lab File: VU058346.D
Acq: 02 Apr 2024 18:54

Tgt Ion: 84 Resp: 20202
Ion Ratio Lower Upper
84 100
86 68.1 45.6 84.6
49 127.0 88.3 163.9





#17

Methyl tert-butyl Ether

Concen: 4.399 ug/L

RT: 3.351 min Scan# 641

Delta R.T. 0.000 min

Lab File: VU058346.D

Acq: 02 Apr 2024 18:54

Instrument :

MSVOA_U

ClientSampleId :

DCOE1MS

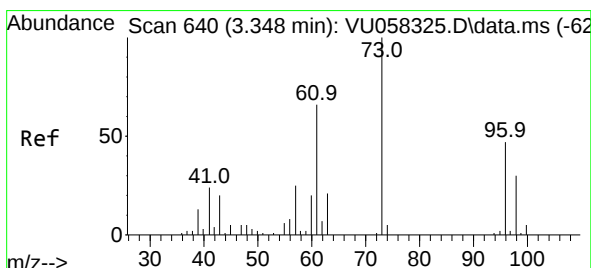
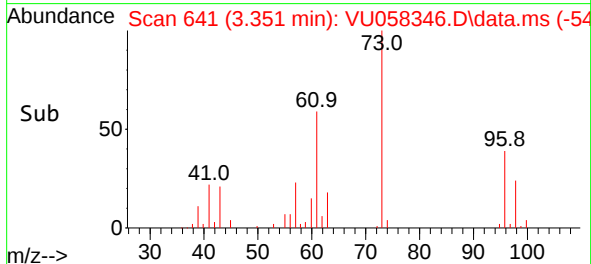
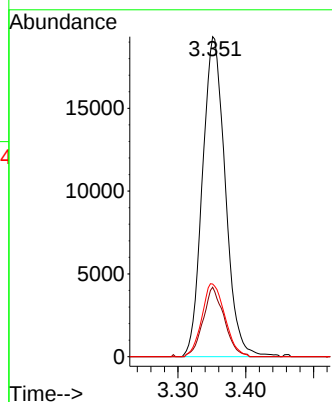
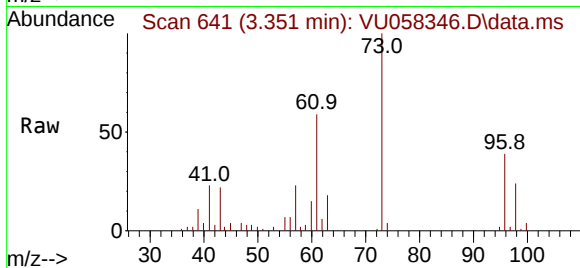
Tgt Ion: 73 Resp: 45110

Ion Ratio Lower Upper

73 100

43 20.1 15.5 23.3

57 23.0 18.0 27.0



#18

trans-1,2-Dichloroethene

Concen: 4.040 ug/L

RT: 3.348 min Scan# 640

Delta R.T. 0.000 min

Lab File: VU058346.D

Acq: 02 Apr 2024 18:54

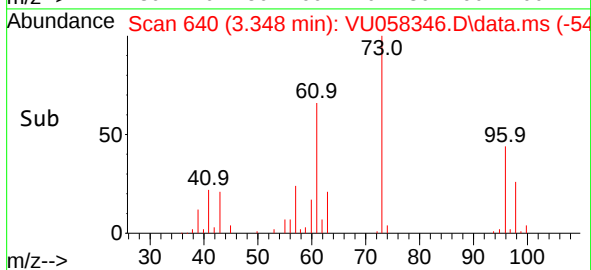
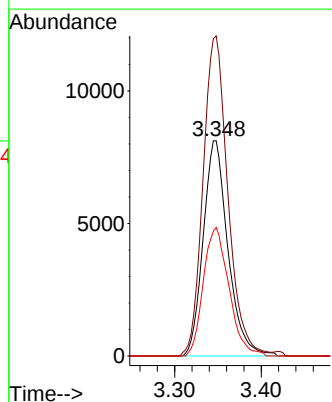
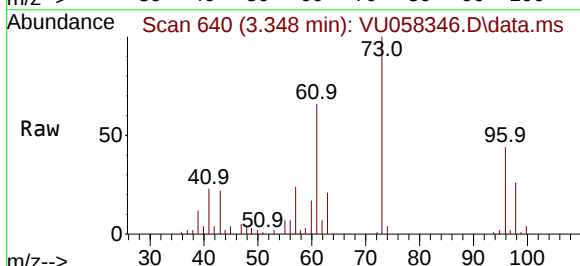
Tgt Ion: 96 Resp: 16134

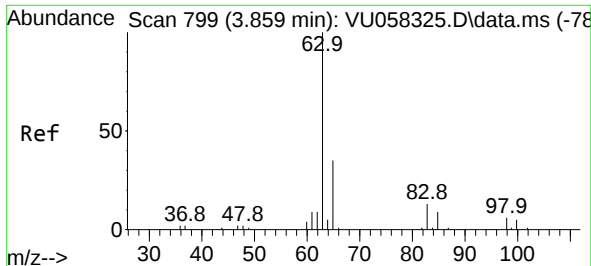
Ion Ratio Lower Upper

96 100

61 148.7 102.5 190.3

98 59.7 44.0 81.8

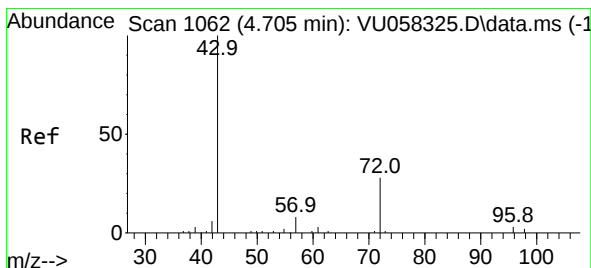
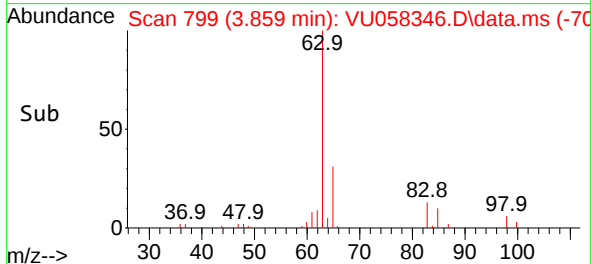
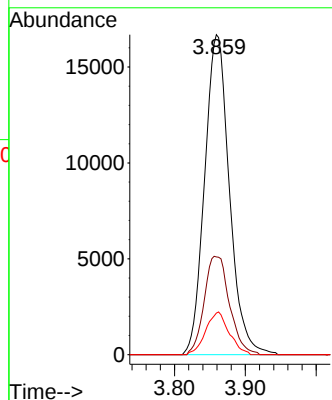
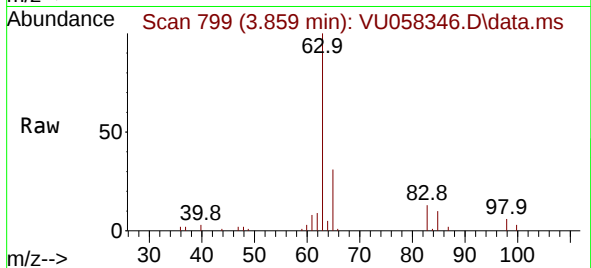




#19
1,1-Dichloroethane
Concen: 4.518 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU058346.D
Acq: 02 Apr 2024 18:54

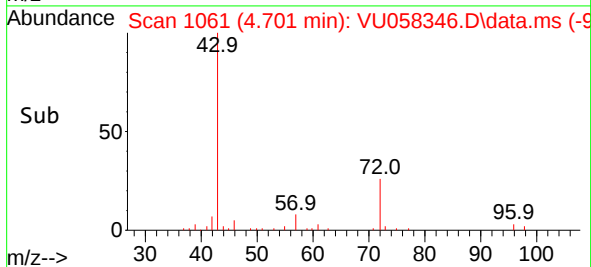
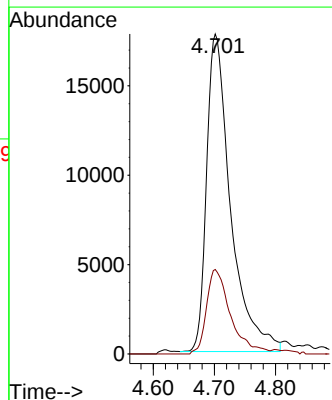
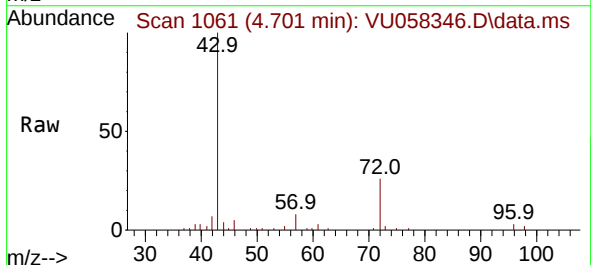
Instrument :
MSVOA_U
ClientSampleId :
DCOE1MS

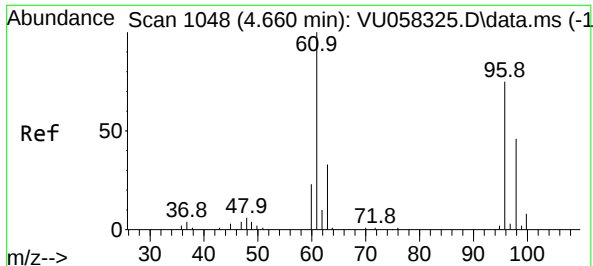
Tgt Ion: 63 Resp: 40536
Ion Ratio Lower Upper
63 100
65 31.3 22.3 41.5
83 13.0 10.0 18.6



#21
2-Butanone
Concen: 43.135 ug/L
RT: 4.701 min Scan# 1061
Delta R.T. -0.003 min
Lab File: VU058346.D
Acq: 02 Apr 2024 18:54

Tgt Ion: 43 Resp: 48536
Ion Ratio Lower Upper
43 100
72 26.7 14.0 41.9





#22

cis-1,2-Dichloroethene

Concen: 4.577 ug/L

RT: 4.656 min Scan# 1047

Delta R.T. -0.003 min

Lab File: VU058346.D

Acq: 02 Apr 2024 18:54

Instrument :

MSVOA_U

ClientSampleId :

DCOE1MS

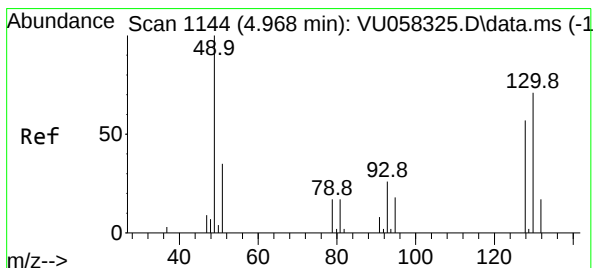
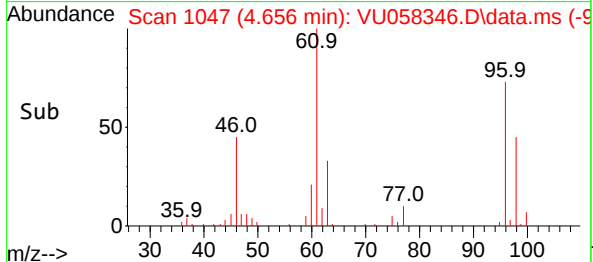
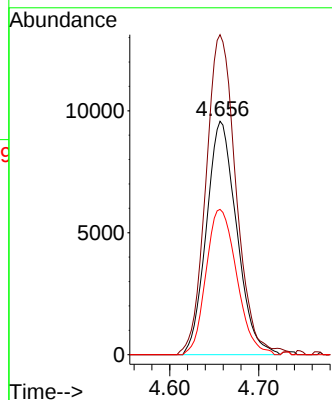
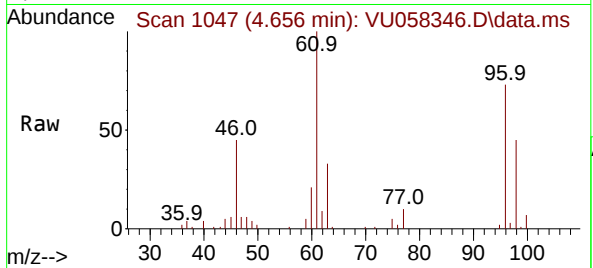
Tgt Ion: 96 Resp: 22589

Ion Ratio Lower Upper

96 100

61 137.1 92.8 172.4

98 62.3 43.2 80.2



#23

Bromochloromethane

Concen: 4.503 ug/L

RT: 4.968 min Scan# 1144

Delta R.T. 0.000 min

Lab File: VU058346.D

Acq: 02 Apr 2024 18:54

Tgt Ion: 128 Resp: 8293

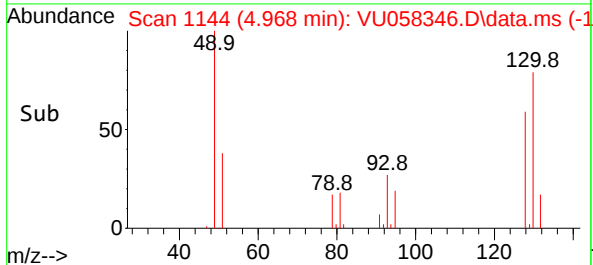
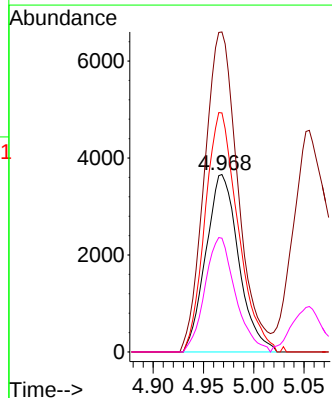
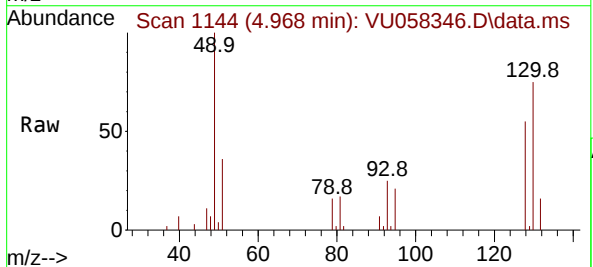
Ion Ratio Lower Upper

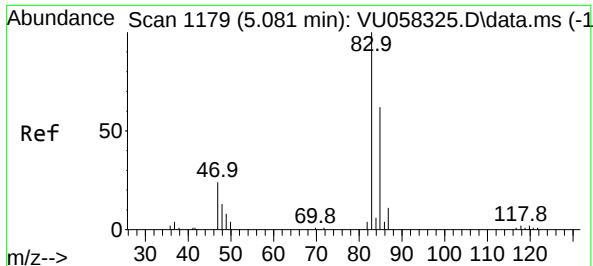
128 100

49 180.3 125.0 232.2

130 134.7 92.3 171.5

51 64.1 44.7 67.1





#25

Chloroform

Concen: 4.489 ug/L

RT: 5.078 min Scan# 1179

Delta R.T. -0.003 min

Lab File: VU058346.D

Acq: 02 Apr 2024 18:54

Instrument :

MSVOA_U

ClientSampleId :

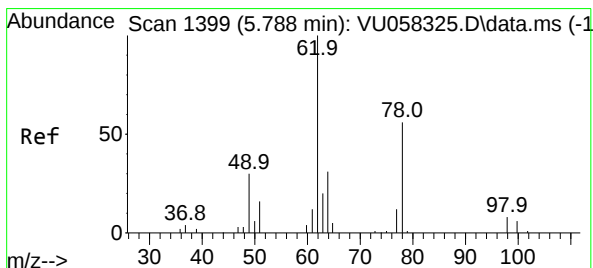
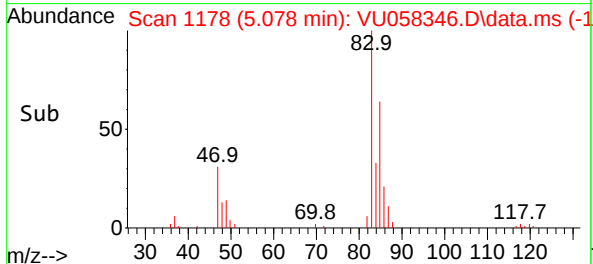
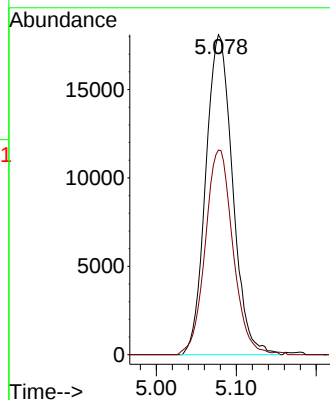
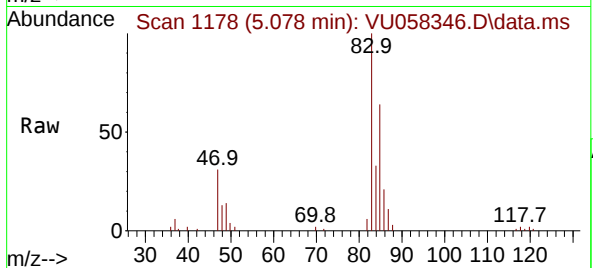
DCOE1MS

Tgt Ion: 83 Resp: 42239

Ion Ratio Lower Upper

83 100

85 63.9 47.9 88.9



#27

1,2-Dichloroethane

Concen: 4.623 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. 0.000 min

Lab File: VU058346.D

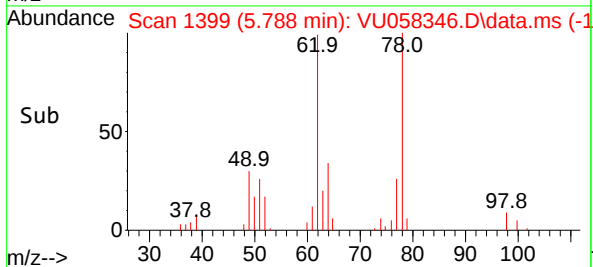
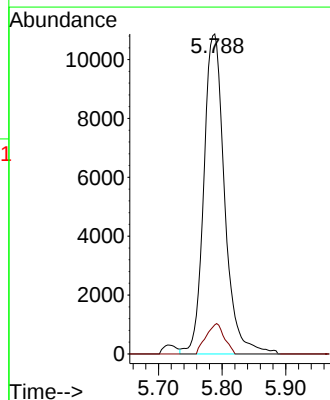
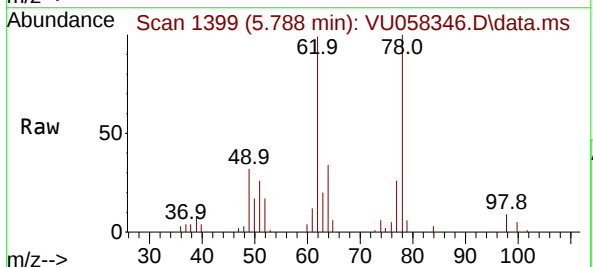
Acq: 02 Apr 2024 18:54

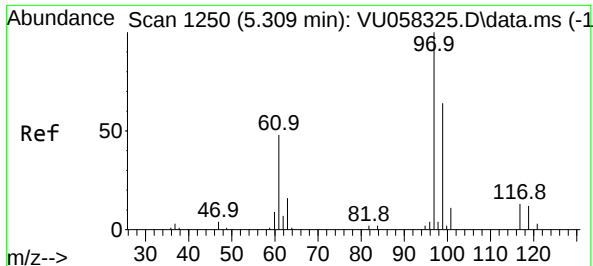
Tgt Ion: 62 Resp: 24698

Ion Ratio Lower Upper

62 100

98 9.1 6.6 10.0

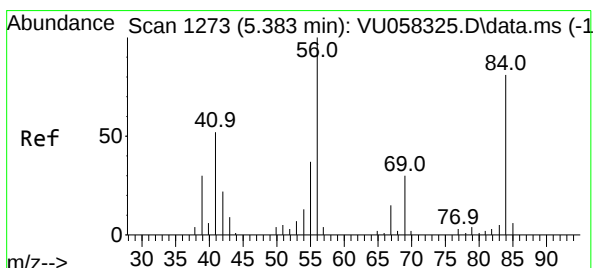
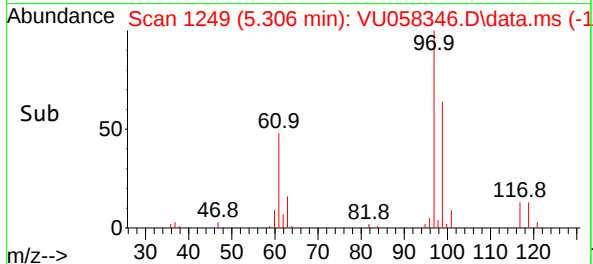
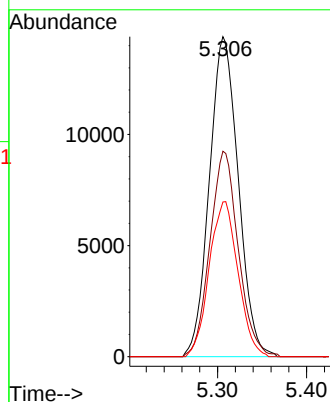
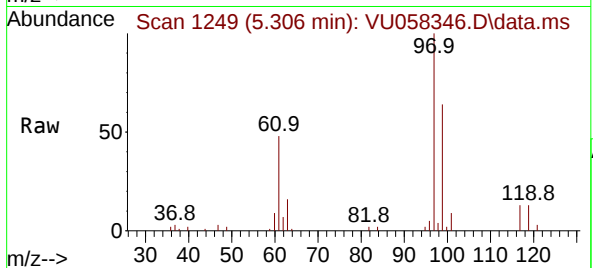




#29
1,1,1-Trichloroethane
Concen: 4.382 ug/L
RT: 5.306 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU058346.D
Acq: 02 Apr 2024 18:54

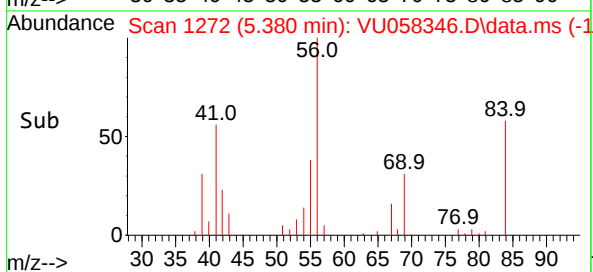
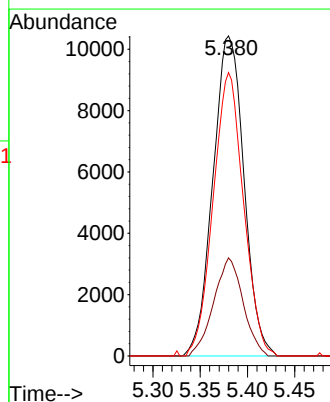
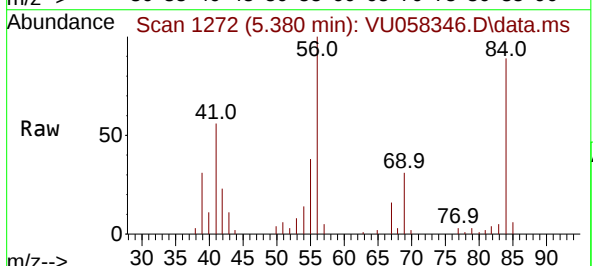
Instrument :
MSVOA_U
ClientSampleId :
DCOE1MS

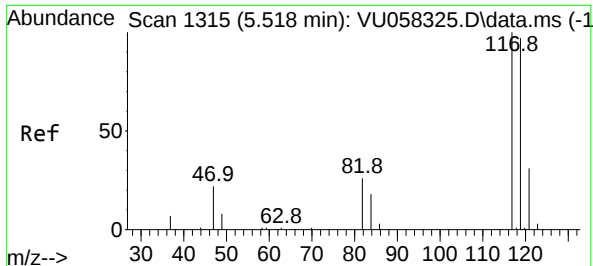
Tgt Ion: 97 Resp: 32500
Ion Ratio Lower Upper
97 100
99 63.0 50.5 75.7
61 48.2 36.3 54.5



#30
Cyclohexane
Concen: 3.677 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.003 min
Lab File: VU058346.D
Acq: 02 Apr 2024 18:54

Tgt Ion: 56 Resp: 23820
Ion Ratio Lower Upper
56 100
69 29.0 24.2 36.2
84 86.5 69.7 104.5

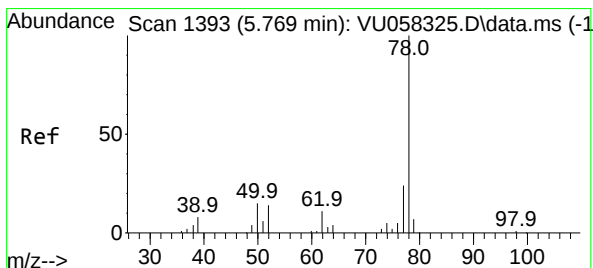
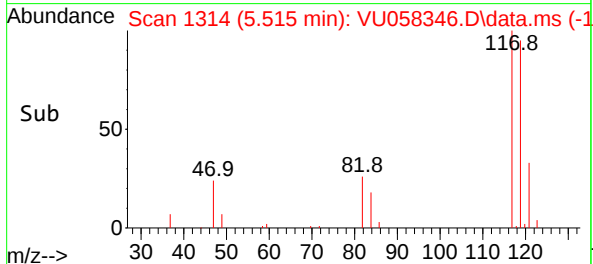
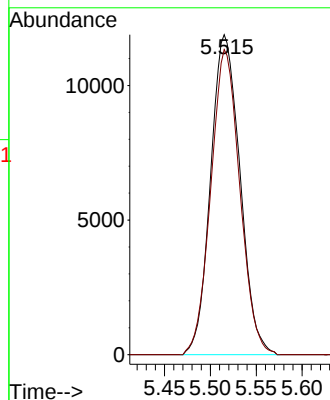
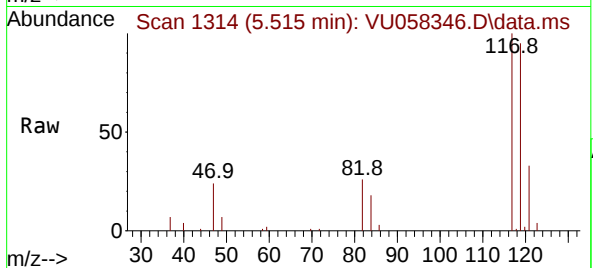




#31
Carbon tetrachloride
Concen: 4.191 ug/L
RT: 5.515 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU058346.D
Acq: 02 Apr 2024 18:54

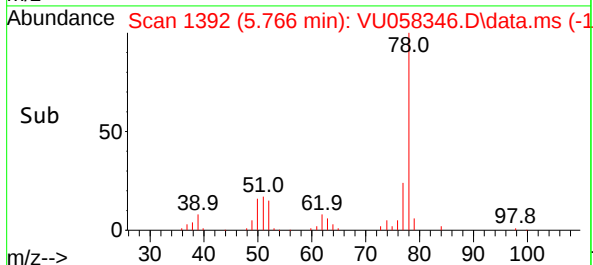
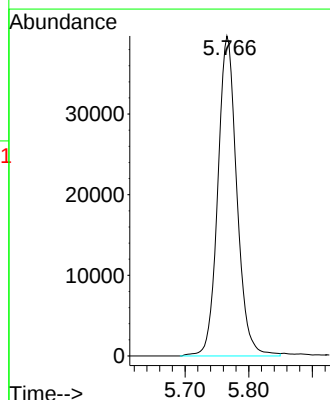
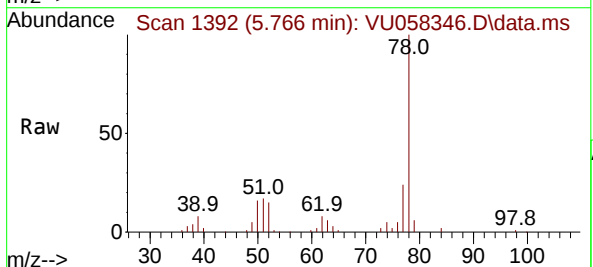
Instrument :
MSVOA_U
ClientSampleId :
DCOE1MS

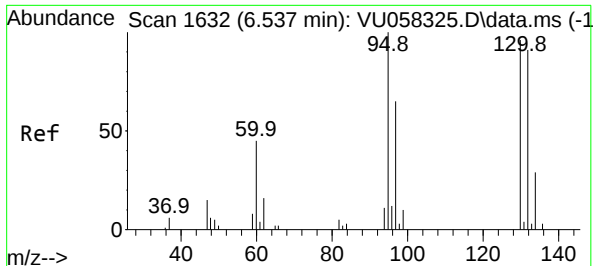
Tgt Ion:117 Resp: 26465
Ion Ratio Lower Upper
117 100
119 94.1 78.1 117.1



#33
Benzene
Concen: 4.377 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.003 min
Lab File: VU058346.D
Acq: 02 Apr 2024 18:54

Tgt Ion: 78 Resp: 82476



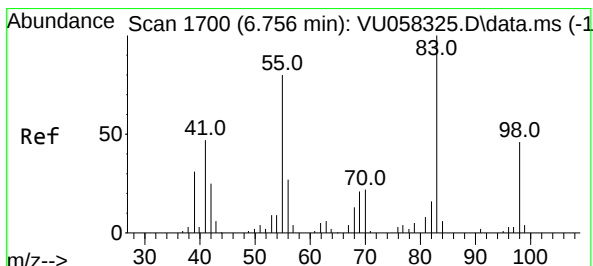
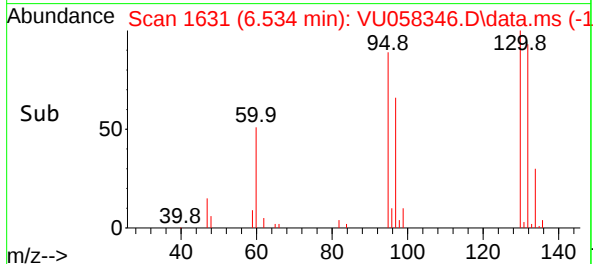
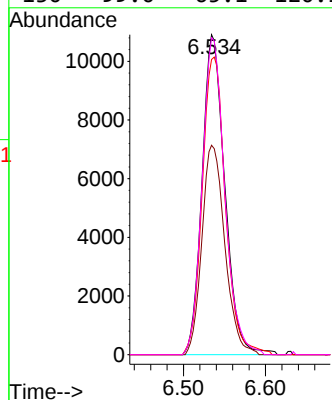
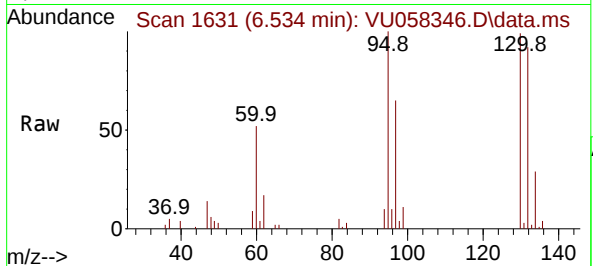


#34
Trichloroethene
Concen: 4.294 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU058346.D
Acq: 02 Apr 2024 18:54

Instrument :
MSVOA_U
ClientSampleId :
DCOE1MS

Tgt Ion: 95 Resp: 21078

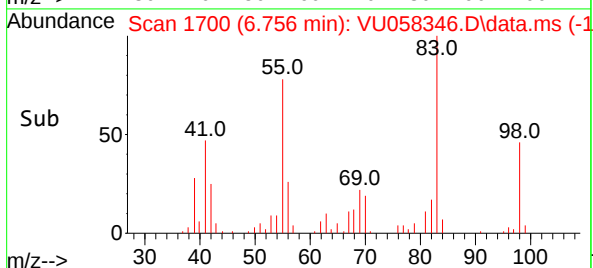
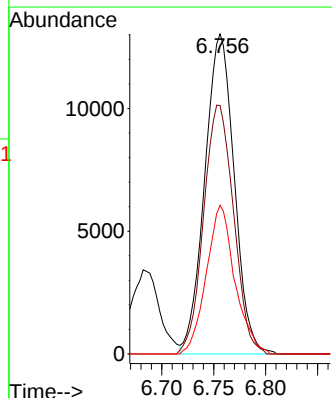
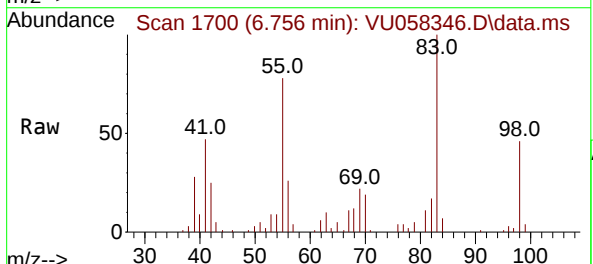
Ion	Ratio	Lower	Upper
95	100		
97	65.5	47.7	88.7
132	92.2	63.6	118.2
130	99.0	65.1	120.9

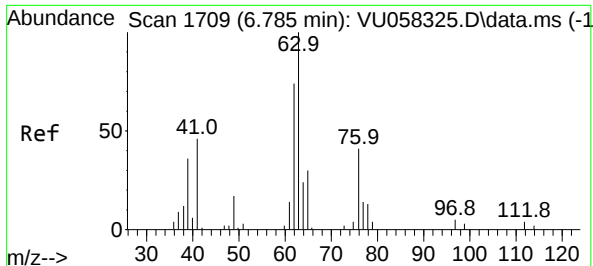


#35
Methylcyclohexane
Concen: 3.760 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VU058346.D
Acq: 02 Apr 2024 18:54

Tgt Ion: 83 Resp: 25739

Ion	Ratio	Lower	Upper
83	100		
55	79.0	62.7	94.1
98	45.0	37.3	55.9





#37

1,2-Dichloropropane

Concen: 4.567 ug/L

RT: 6.782 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU058346.D

Acq: 02 Apr 2024 18:54

Instrument :

MSVOA_U

ClientSampleId :

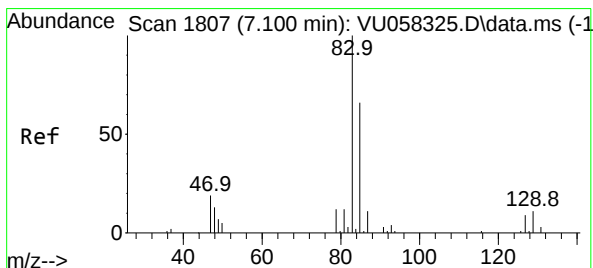
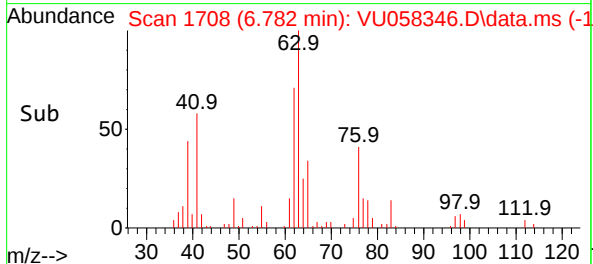
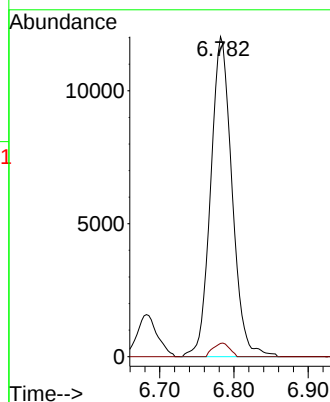
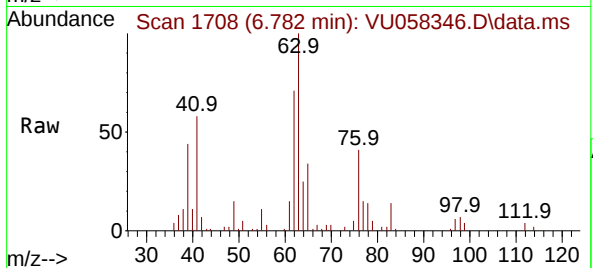
DCOE1MS

Tgt Ion: 63 Resp: 24040

Ion Ratio Lower Upper

63 100

112 3.3 2.7 4.1



#38

Bromodichloromethane

Concen: 4.693 ug/L

RT: 7.097 min Scan# 1806

Delta R.T. -0.003 min

Lab File: VU058346.D

Acq: 02 Apr 2024 18:54

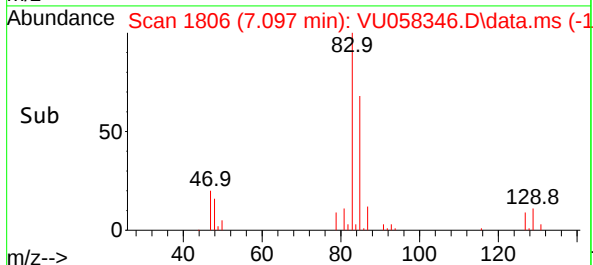
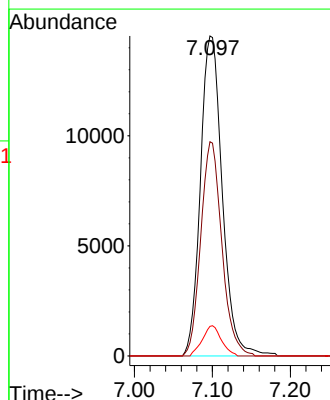
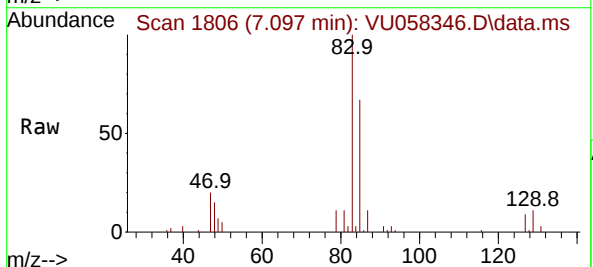
Tgt Ion: 83 Resp: 28314

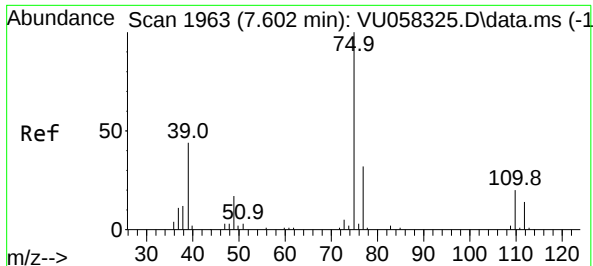
Ion Ratio Lower Upper

83 100

85 67.0 45.6 84.8

127 9.3 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 4.520 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VU058346.D

Acq: 02 Apr 2024 18:54

Instrument :

MSVOA_U

ClientSampleId :

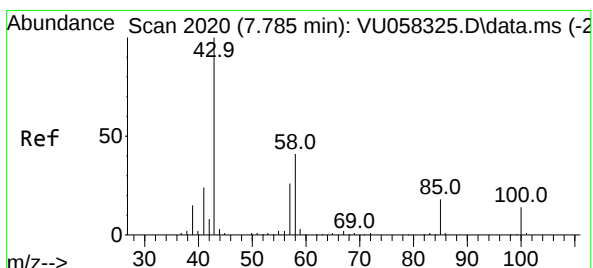
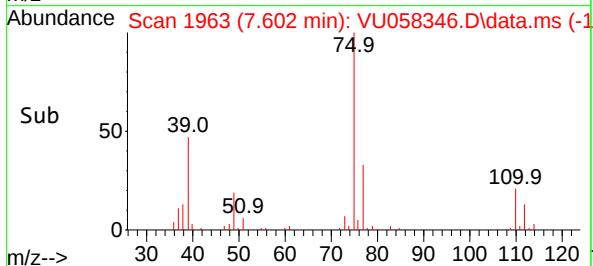
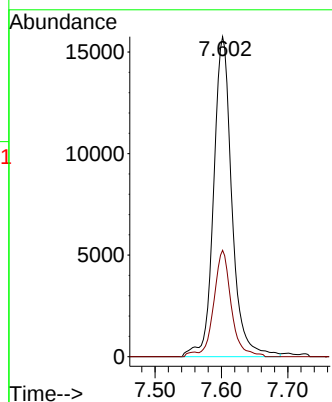
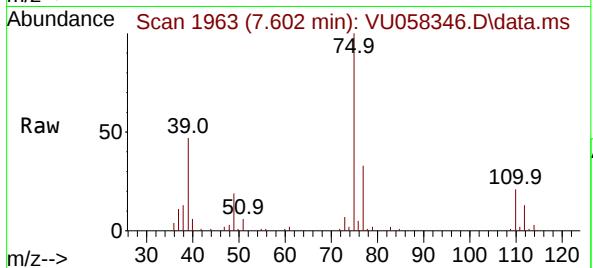
DCOE1MS

Tgt Ion: 75 Resp: 30174

Ion Ratio Lower Upper

75 100

77 33.3 21.4 39.8



#40

4-Methyl-2-pentanone

Concen: 48.024 ug/L

RT: 7.782 min Scan# 2019

Delta R.T. -0.003 min

Lab File: VU058346.D

Acq: 02 Apr 2024 18:54

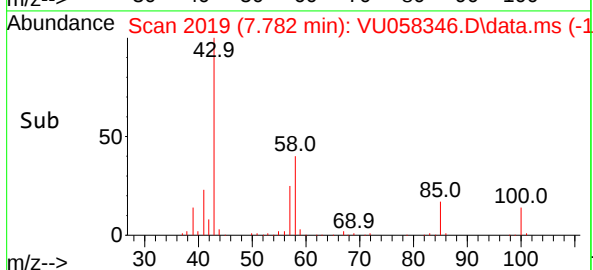
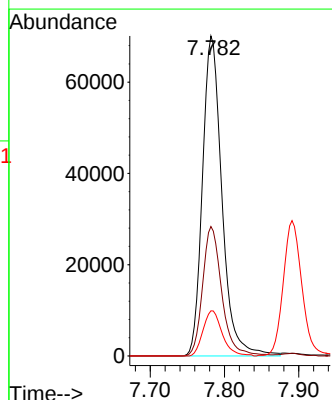
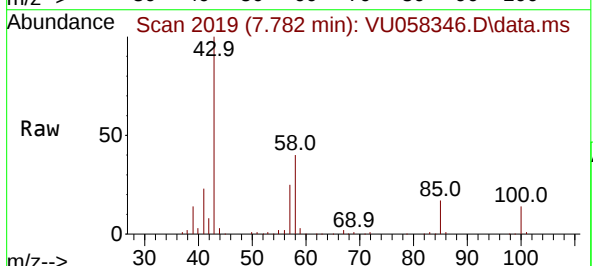
Tgt Ion: 43 Resp: 127817

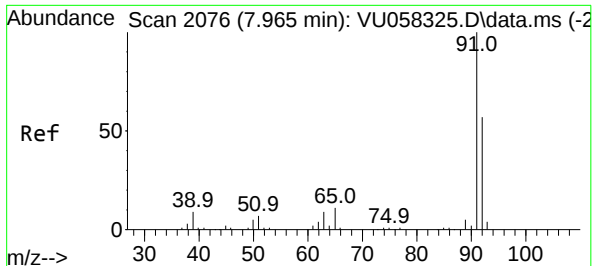
Ion Ratio Lower Upper

43 100

58 39.8 33.2 49.8

100 13.9 11.5 17.3





#42

Toluene

Concen: 4.385 ug/L

RT: 7.962 min Scan# 2076

Delta R.T. -0.003 min

Lab File: VU058346.D

Acq: 02 Apr 2024 18:54

Instrument :

MSVOA_U

ClientSampleId :

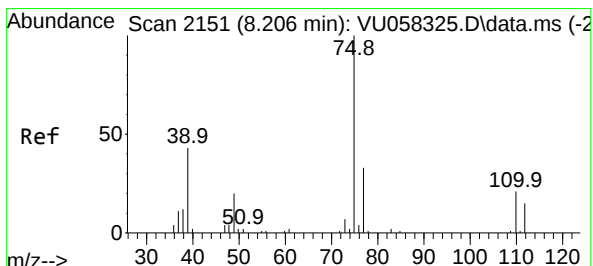
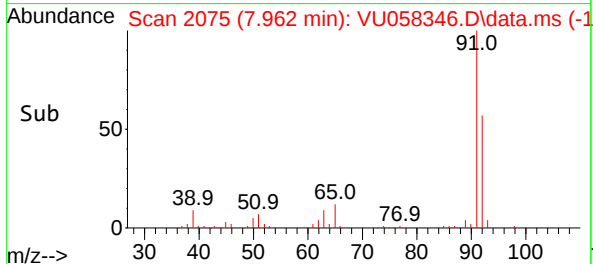
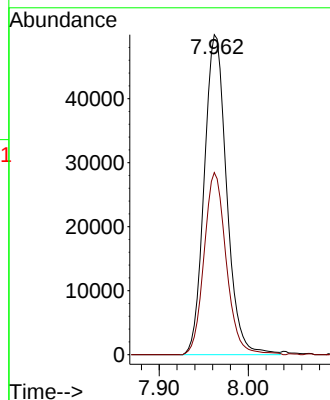
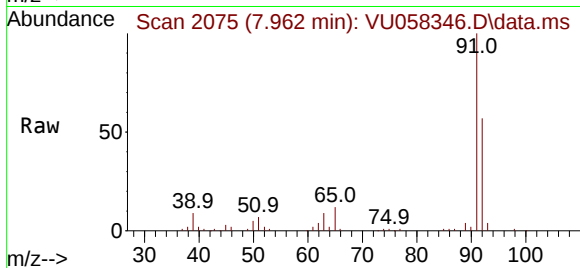
DCOE1MS

Tgt Ion: 91 Resp: 87298

Ion Ratio Lower Upper

91 100

92 56.9 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 4.607 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.003 min

Lab File: VU058346.D

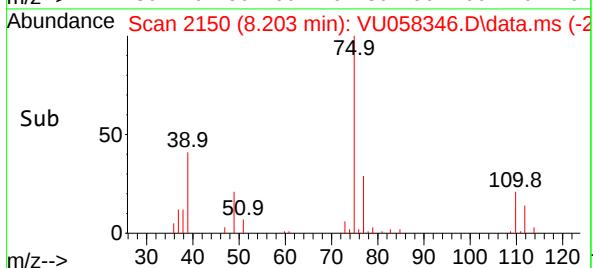
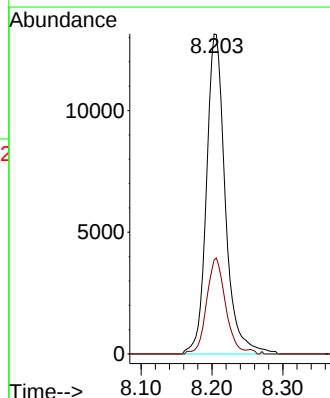
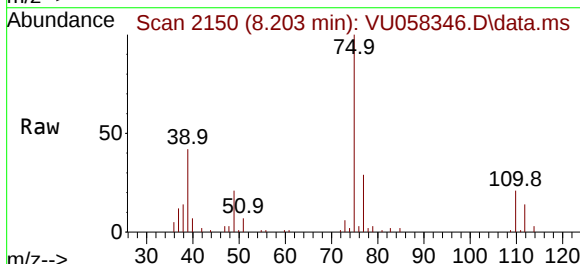
Acq: 02 Apr 2024 18:54

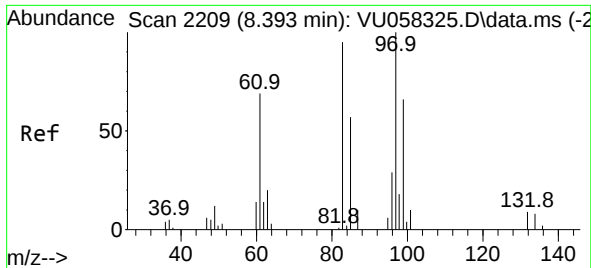
Tgt Ion: 75 Resp: 24201

Ion Ratio Lower Upper

75 100

77 29.4 21.7 40.3



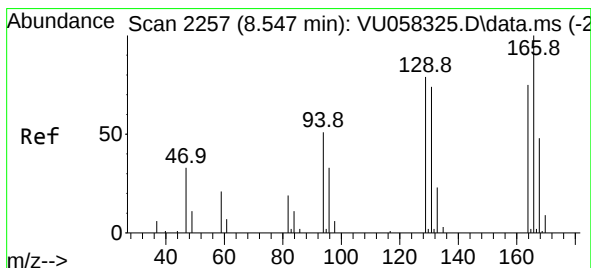
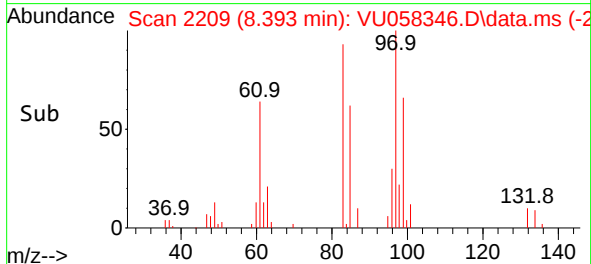
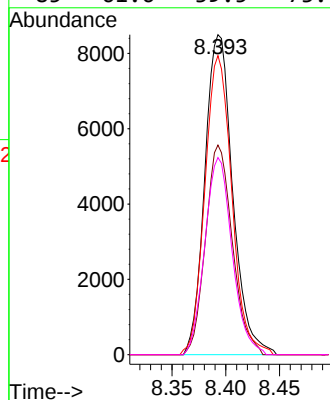
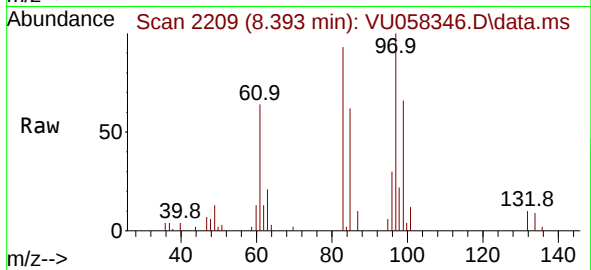


#45
1,1,2-Trichloroethane
Concen: 4.623 ug/L
RT: 8.393 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU058346.D
Acq: 02 Apr 2024 18:54

Instrument :
MSVOA_U
ClientSampleId :
DCOE1MS

Tgt Ion: 97 Resp: 15328

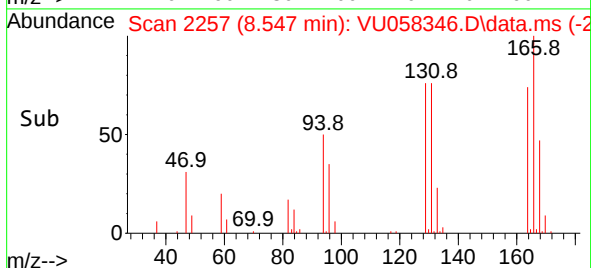
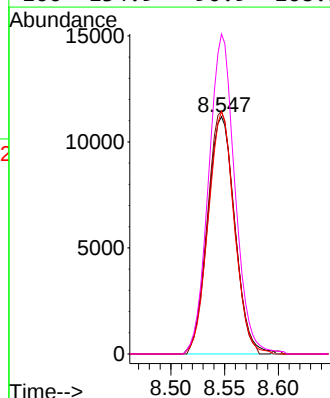
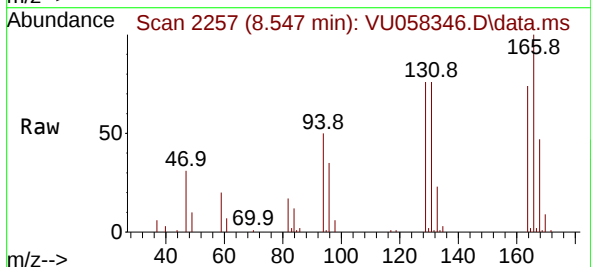
Ion	Ratio	Lower	Upper
97	100		
99	65.5	44.5	82.7
83	93.4	64.1	119.1
85	61.6	39.5	73.4

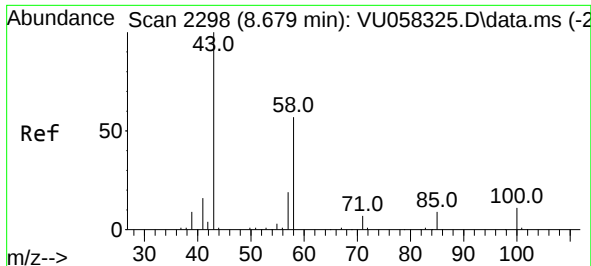


#47
Tetrachloroethene
Concen: 5.981 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU058346.D
Acq: 02 Apr 2024 18:54

Tgt Ion: 164 Resp: 19667

Ion	Ratio	Lower	Upper
164	100		
129	102.4	71.3	132.3
131	102.1	70.8	131.4
166	134.9	90.9	168.9

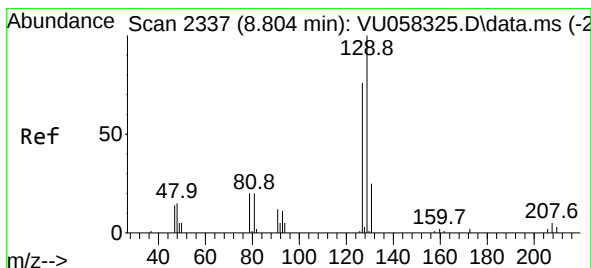
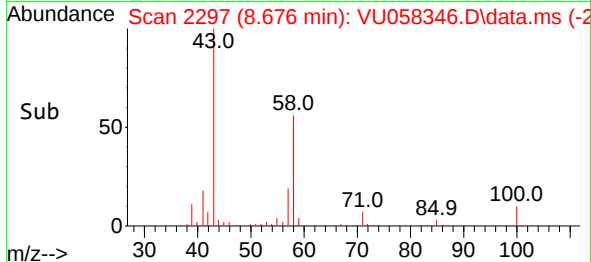
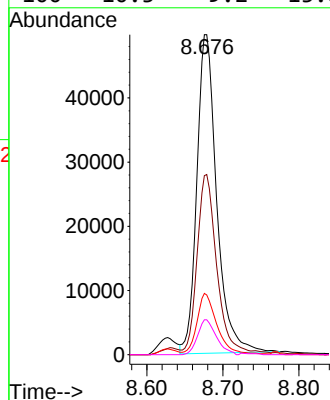
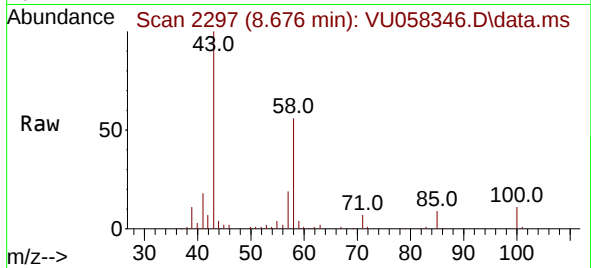




#48
2-Hexanone
Concen: 46.651 ug/L
RT: 8.676 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU058346.D
Acq: 02 Apr 2024 18:54

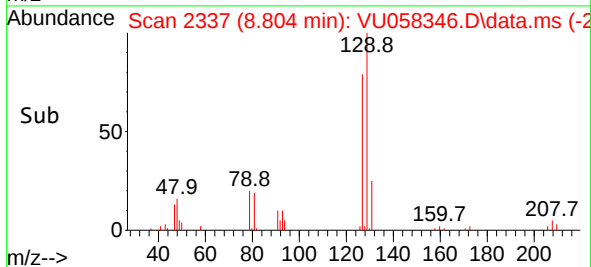
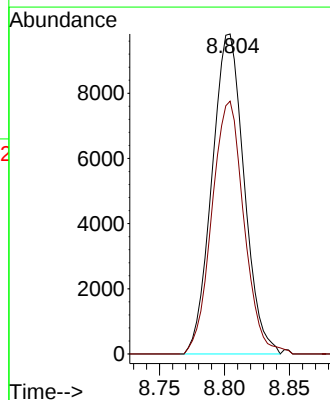
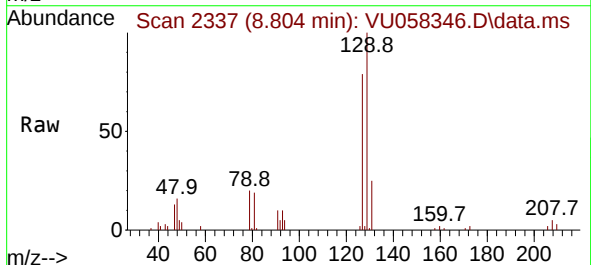
Instrument :
MSVOA_U
ClientSampleId :
DCOE1MS

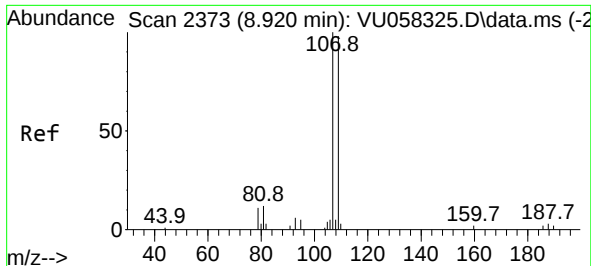
Tgt Ion:	43	Resp:	90420
Ion	Ratio	Lower	Upper
43	100		
58	56.3	48.3	72.5
57	19.5	16.3	24.5
100	10.3	9.2	13.8



#49
Dibromochloromethane
Concen: 4.664 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU058346.D
Acq: 02 Apr 2024 18:54

Tgt Ion:	129	Resp:	16920
Ion	Ratio	Lower	Upper
129	100		
127	79.0	55.7	103.5





#50

1,2-Dibromoethane

Concen: 4.396 ug/L

RT: 8.917 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU058346.D

Acq: 02 Apr 2024 18:54

Instrument :

MSVOA_U

ClientSampleId :

DCOE1MS

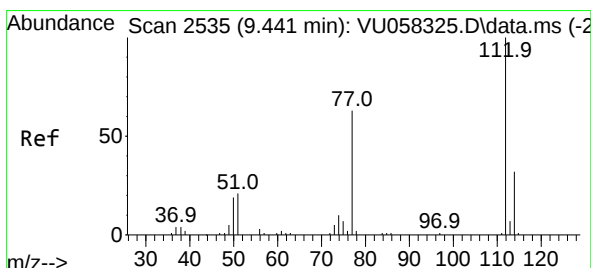
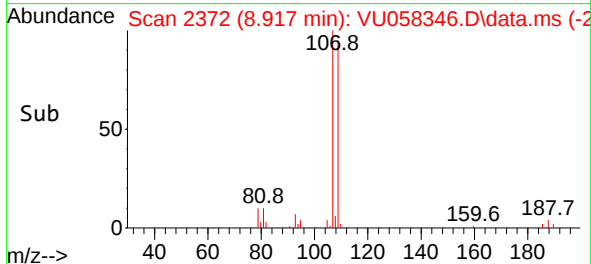
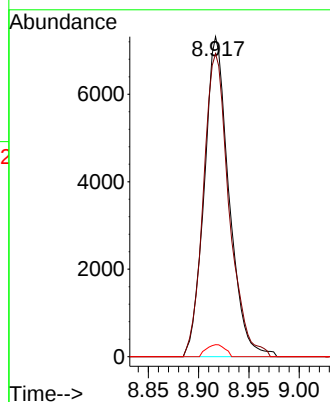
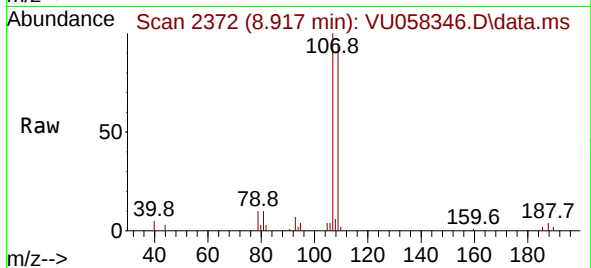
Tgt Ion:107 Resp: 12547

Ion Ratio Lower Upper

107 100

109 94.7 67.8 125.8

188 3.7 2.5 3.7#



#51

Chlorobenzene

Concen: 4.506 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. 0.000 min

Lab File: VU058346.D

Acq: 02 Apr 2024 18:54

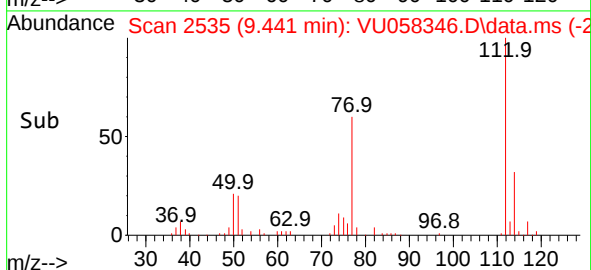
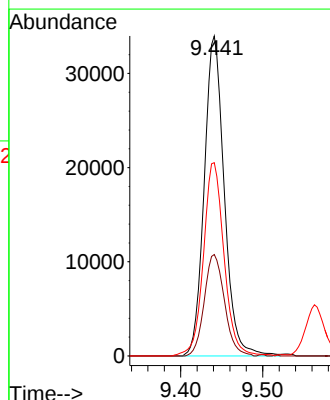
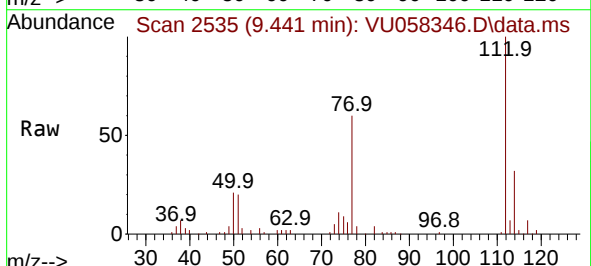
Tgt Ion:112 Resp: 57805

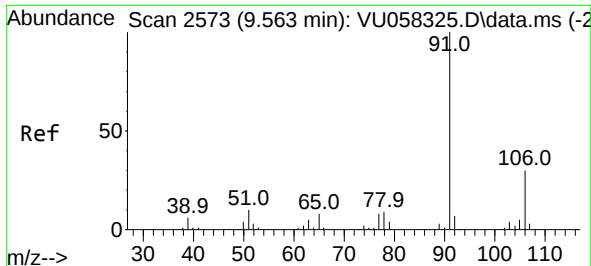
Ion Ratio Lower Upper

112 100

114 31.7 22.7 42.3

77 60.4 48.9 73.3

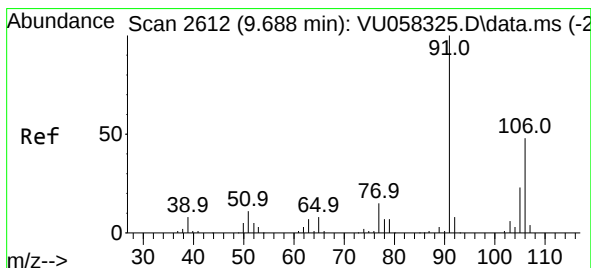
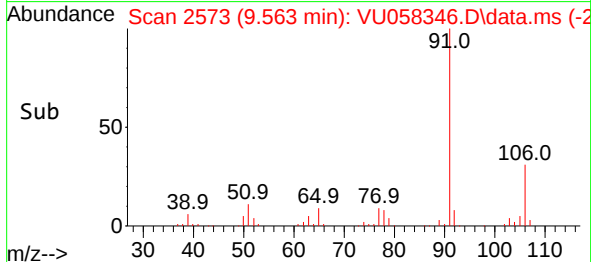
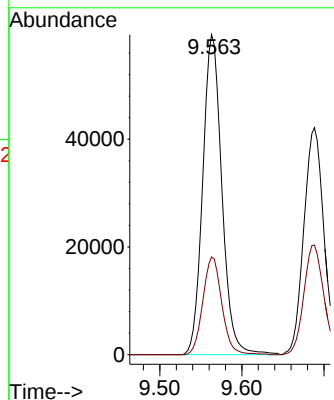
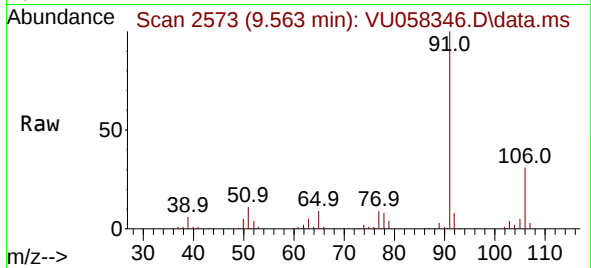




#52
Ethylbenzene
Concen: 4.342 ug/L
RT: 9.563 min Scan# 2100
Delta R.T. 0.000 min
Lab File: VU058346.D
Acq: 02 Apr 2024 18:54

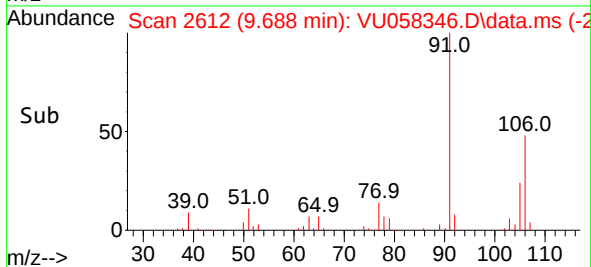
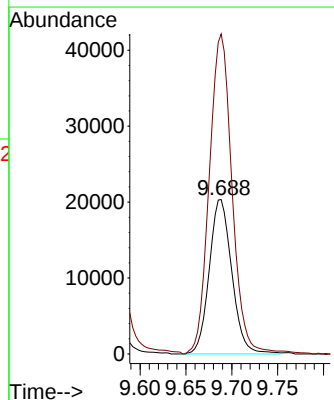
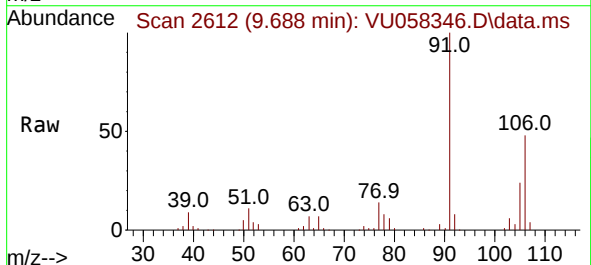
Instrument :
MSVOA_U
ClientSampleId :
DCOE1MS

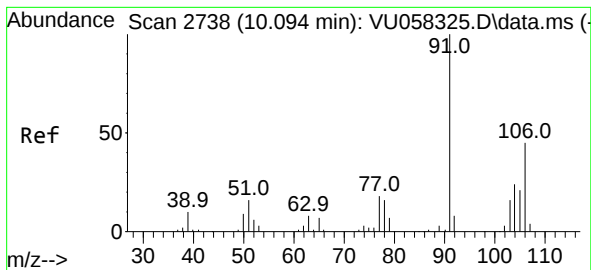
Tgt Ion: 91 Resp: 96526
Ion Ratio Lower Upper
91 100
106 30.6 20.6 38.2



#53
m,p-Xylene
Concen: 4.402 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU058346.D
Acq: 02 Apr 2024 18:54

Tgt Ion: 106 Resp: 34868
Ion Ratio Lower Upper
106 100
91 207.2 151.0 280.4





#54

o-Xylene

Concen: 4.411 ug/L

RT: 10.094 min Scan# 2738

Delta R.T. 0.000 min

Lab File: VU058346.D

Acq: 02 Apr 2024 18:54

Instrument :

MSVOA_U

ClientSampleId :

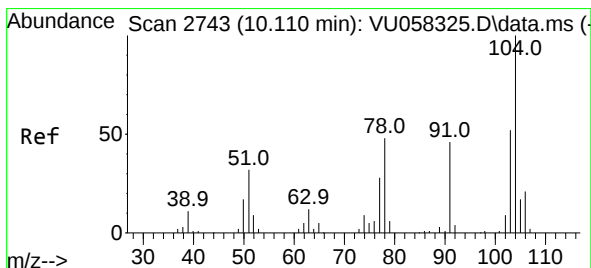
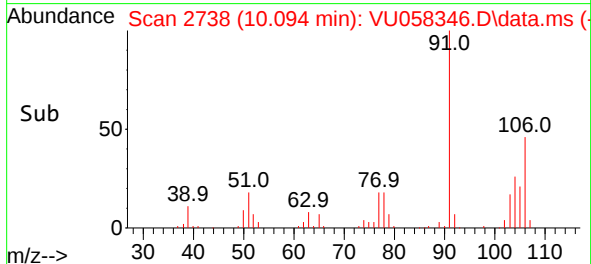
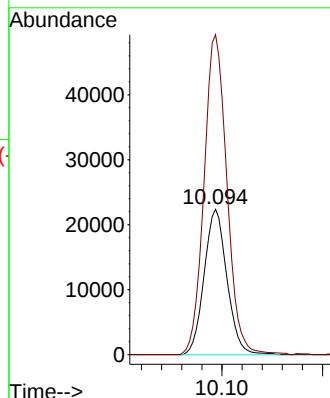
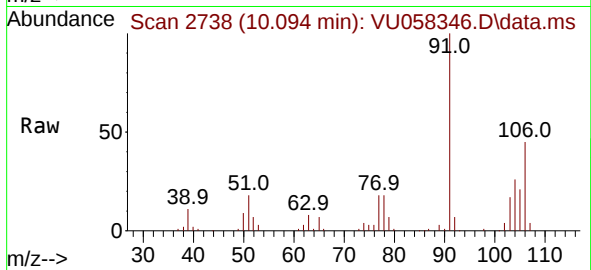
DCOE1MS

Tgt Ion:106 Resp: 35268

Ion Ratio Lower Upper

106 100

91 220.1 154.3 286.7



#55

Styrene

Concen: 4.538 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. 0.000 min

Lab File: VU058346.D

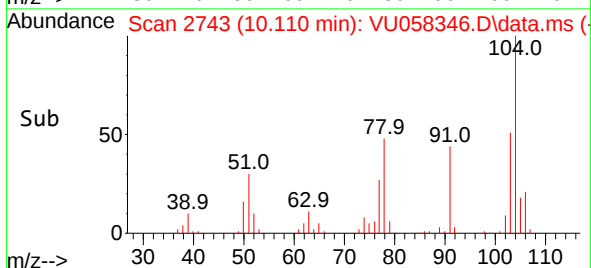
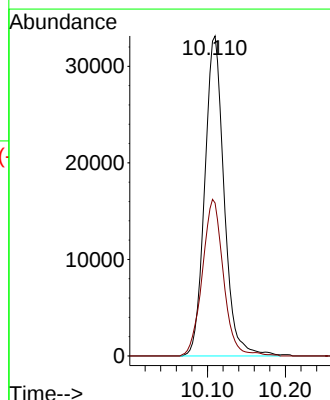
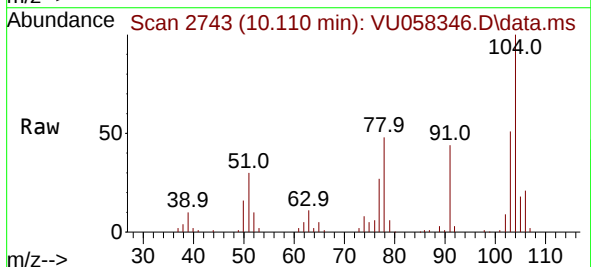
Acq: 02 Apr 2024 18:54

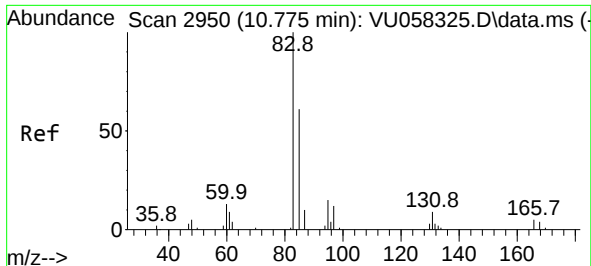
Tgt Ion:104 Resp: 57288

Ion Ratio Lower Upper

104 100

78 47.8 34.5 64.1





#57

1,1,2,2-Tetrachloroethane

Concen: 4.875 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU058346.D

Acq: 02 Apr 2024 18:54

Instrument :

MSVOA_U

ClientSampleId :

DCOE1MS

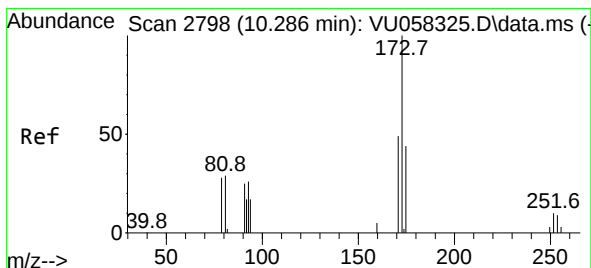
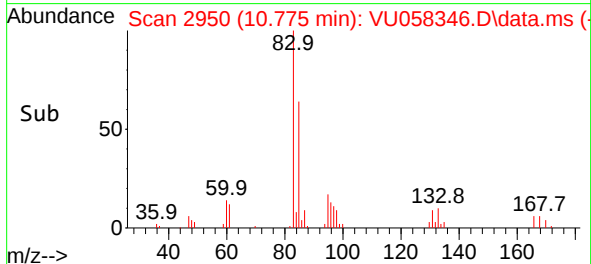
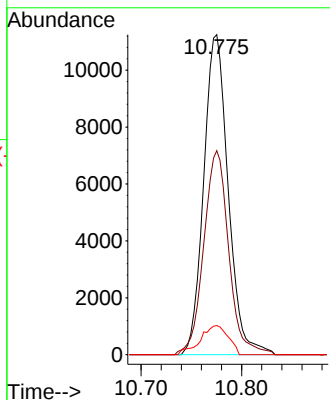
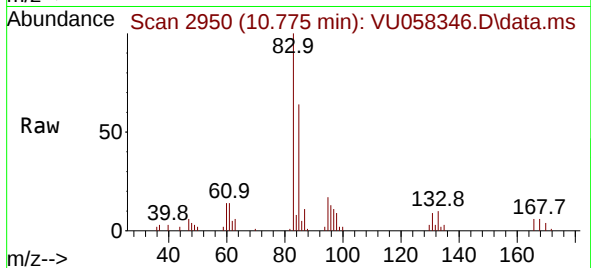
Tgt Ion: 83 Resp: 19051

Ion Ratio Lower Upper

83 100

85 63.8 44.7 82.9

131 9.1 7.0 10.6



#59

Bromoform

Concen: 4.496 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.003 min

Lab File: VU058346.D

Acq: 02 Apr 2024 18:54

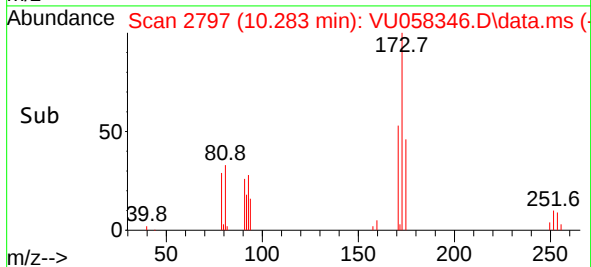
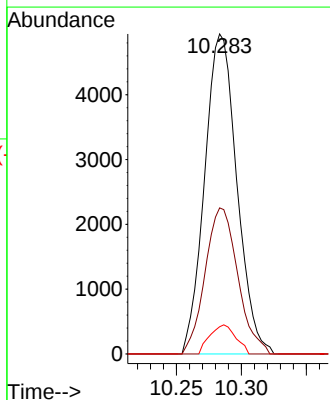
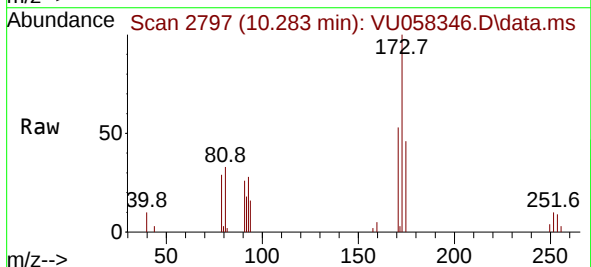
Tgt Ion:173 Resp: 8522

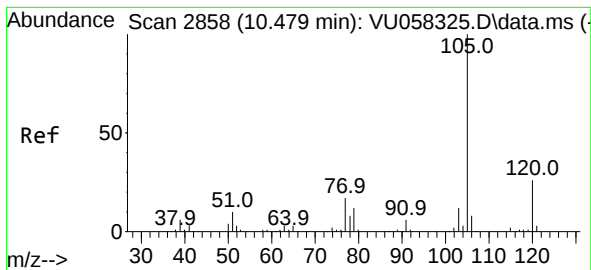
Ion Ratio Lower Upper

173 100

175 46.2 40.9 61.3

254 7.3 5.8 8.8





#60

Isopropylbenzene

Concen: 4.261 ug/L

RT: 10.476 min Scan# 2858

Delta R.T. -0.003 min

Lab File: VU058346.D

Acq: 02 Apr 2024 18:54

Instrument :

MSVOA_U

ClientSampleId :

DCOE1MS

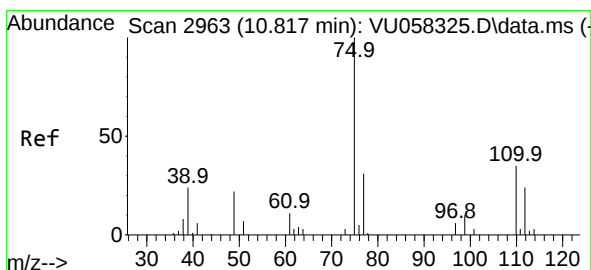
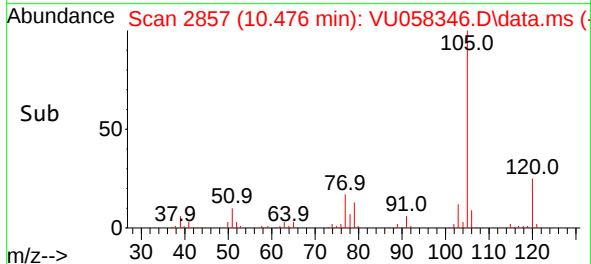
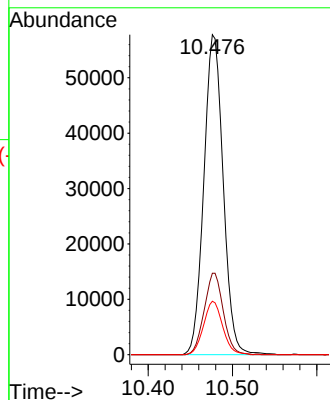
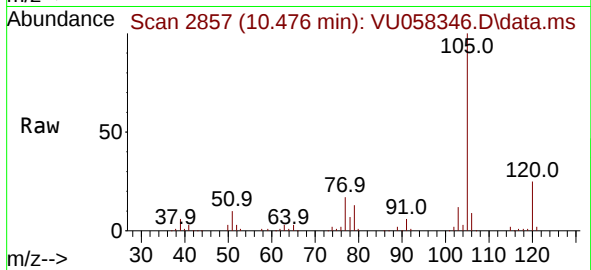
Tgt Ion:105 Resp: 92396

Ion Ratio Lower Upper

105 100

120 25.1 20.5 30.7

77 16.5 13.2 19.8



#61

1,2,3-Trichloropropane

Concen: 4.414 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. 0.000 min

Lab File: VU058346.D

Acq: 02 Apr 2024 18:54

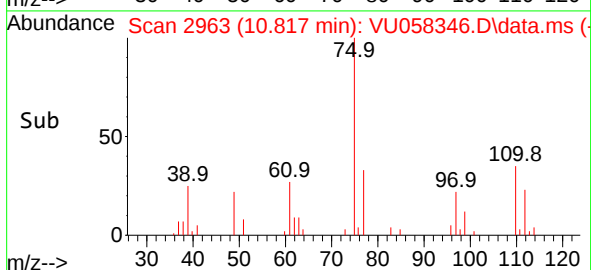
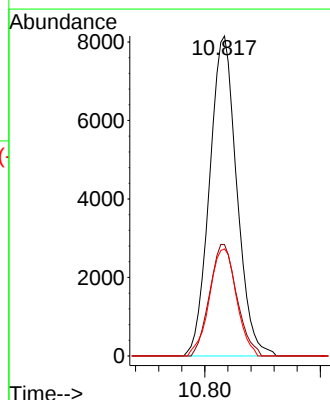
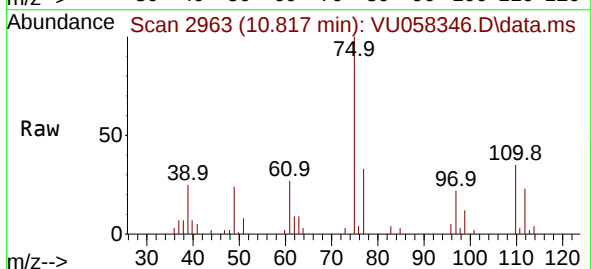
Tgt Ion: 75 Resp: 13341

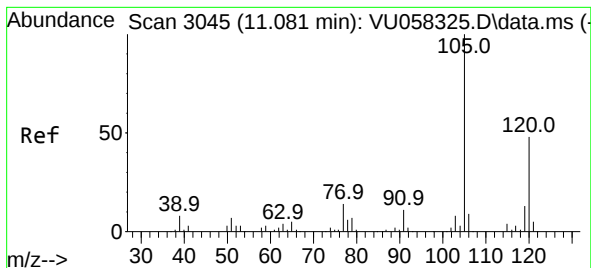
Ion Ratio Lower Upper

75 100

110 34.7 28.1 42.1

77 33.2 25.1 37.7

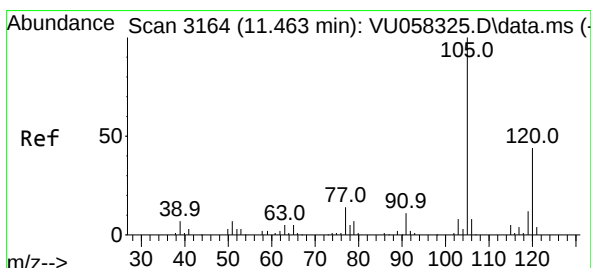
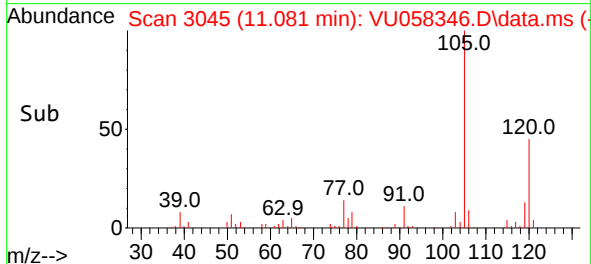
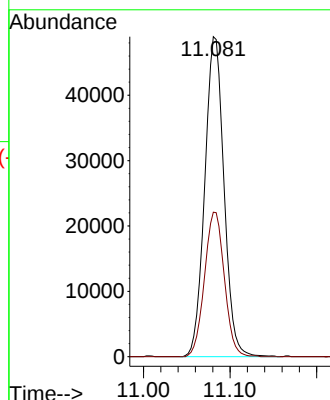
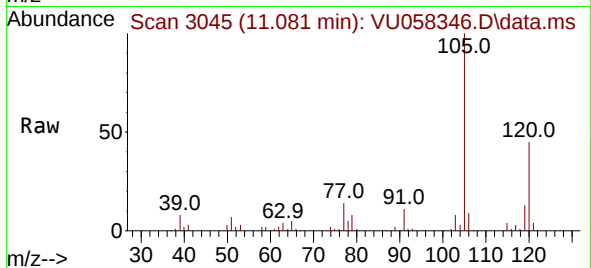




#62
1,3,5-Trimethylbenzene
Concen: 4.152 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. 0.000 min
Lab File: VU058346.D
Acq: 02 Apr 2024 18:54

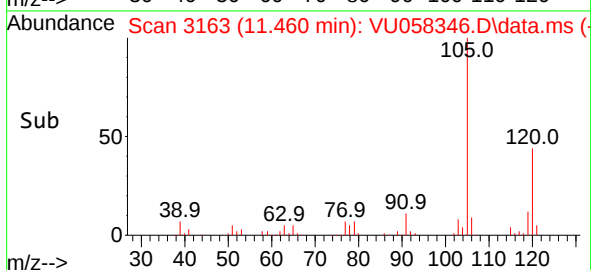
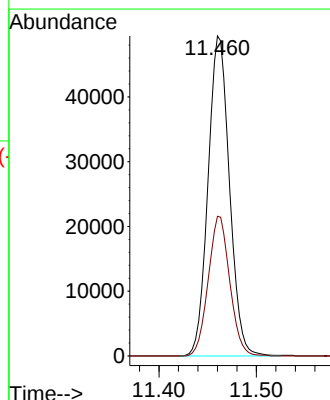
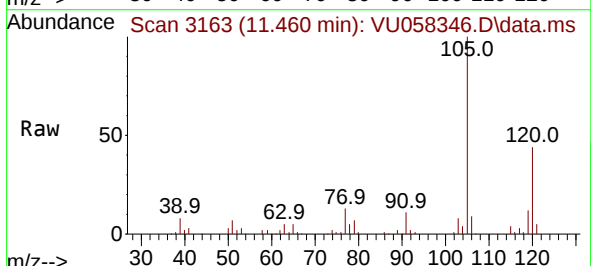
Instrument :
MSVOA_U
ClientSampleId :
DCOE1MS

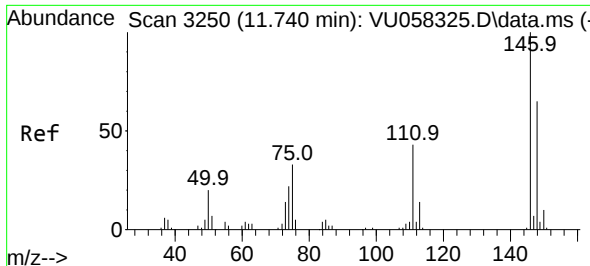
Tgt Ion:105 Resp: 75555
Ion Ratio Lower Upper
105 100
120 46.6 36.7 55.1



#63
1,2,4-Trimethylbenzene
Concen: 4.177 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. -0.003 min
Lab File: VU058346.D
Acq: 02 Apr 2024 18:54

Tgt Ion:105 Resp: 75490
Ion Ratio Lower Upper
105 100
120 43.8 35.9 53.9

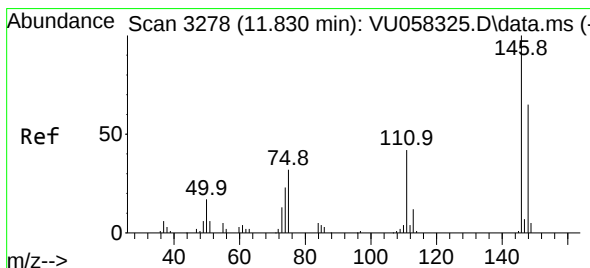
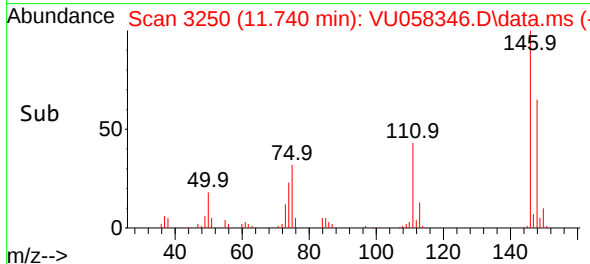
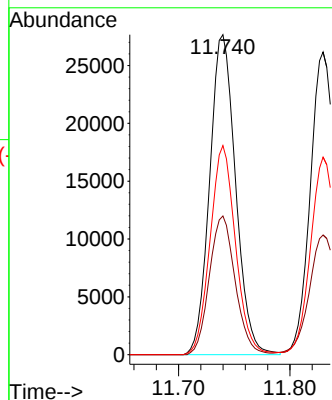
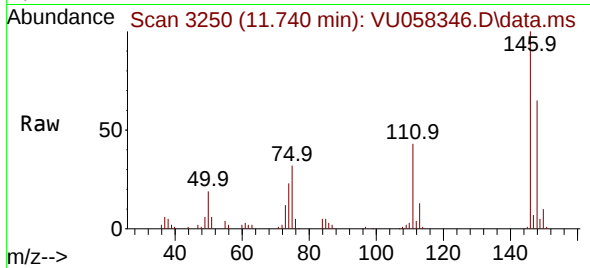




#64
1,3-Dichlorobenzene
Concen: 4.432 ug/L
RT: 11.740 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU058346.D
Acq: 02 Apr 2024 18:54

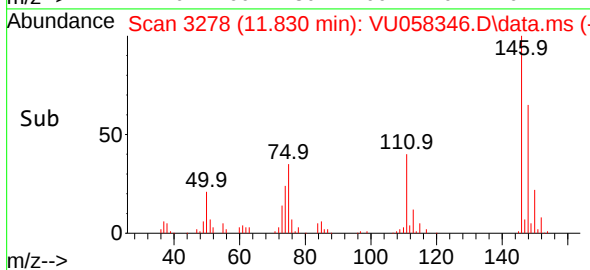
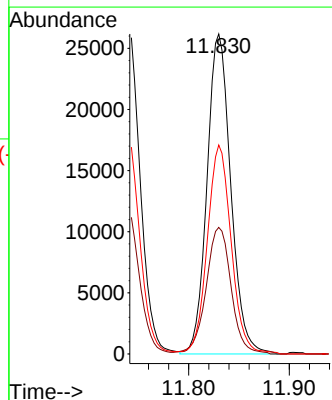
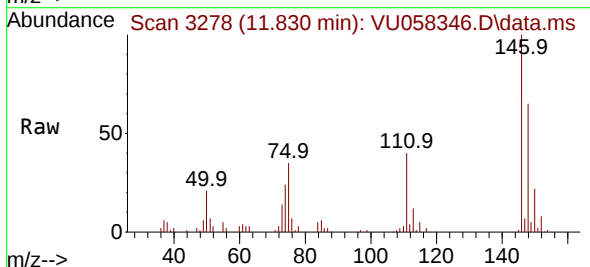
Instrument :
MSVOA_U
ClientSampleId :
DCOE1MS

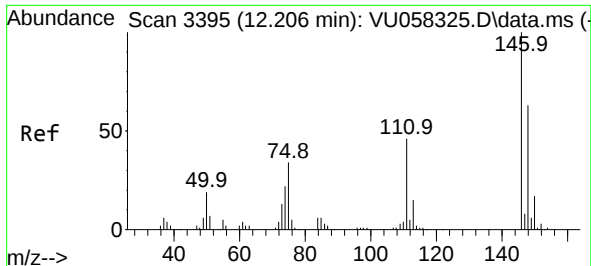
Tgt Ion:146 Resp: 44755
Ion Ratio Lower Upper
146 100
111 43.3 29.9 55.5
148 65.3 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 4.408 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU058346.D
Acq: 02 Apr 2024 18:54

Tgt Ion:146 Resp: 43019
Ion Ratio Lower Upper
146 100
111 39.5 29.0 53.8
148 65.3 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 4.411 ug/L

RT: 12.206 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU058346.D

Acq: 02 Apr 2024 18:54

Instrument :

MSVOA_U

ClientSampleId :

DCOE1MS

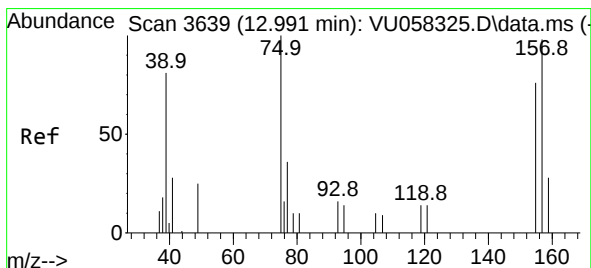
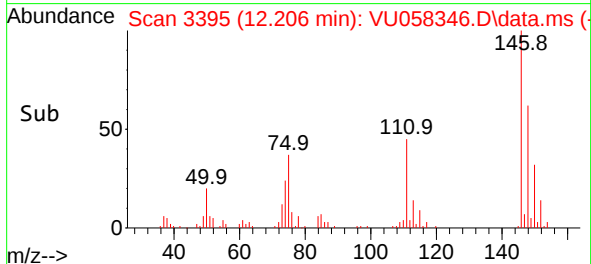
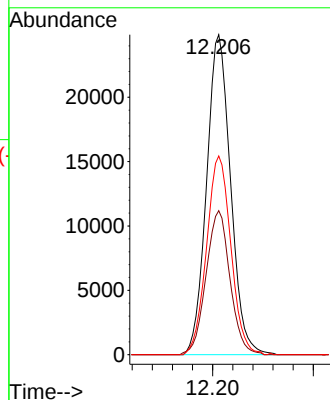
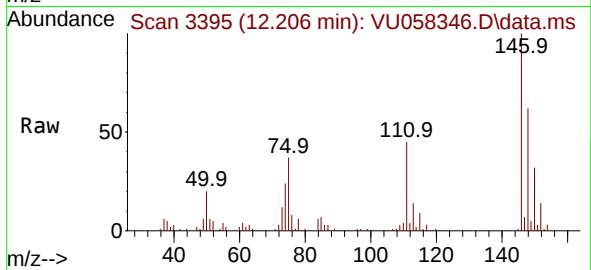
Tgt Ion:146 Resp: 41188

Ion Ratio Lower Upper

146 100

111 45.0 35.9 53.9

148 62.1 52.4 78.6



#68

1,2-Dibromo-3-chloropropane

Concen: 5.174 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU058346.D

Acq: 02 Apr 2024 18:54

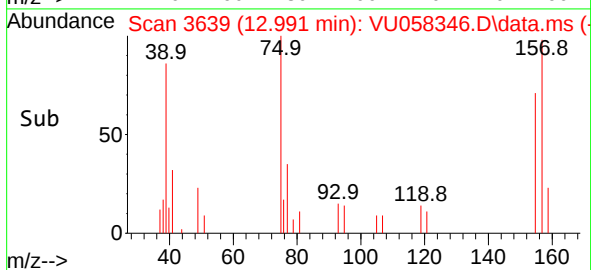
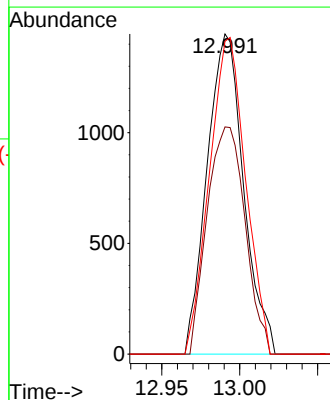
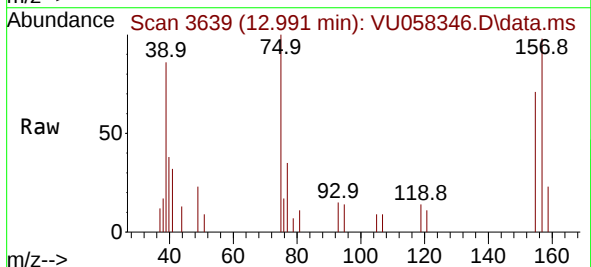
Tgt Ion: 75 Resp: 2358

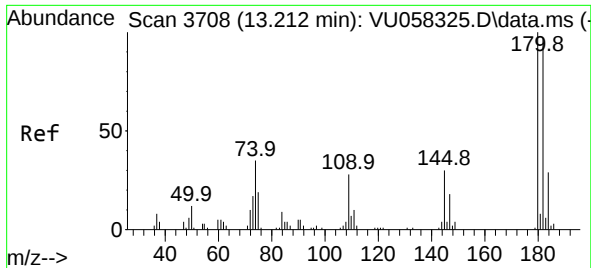
Ion Ratio Lower Upper

75 100

155 71.0 60.2 90.2

157 97.7 82.6 123.8

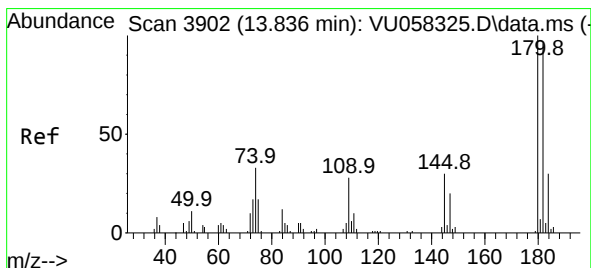
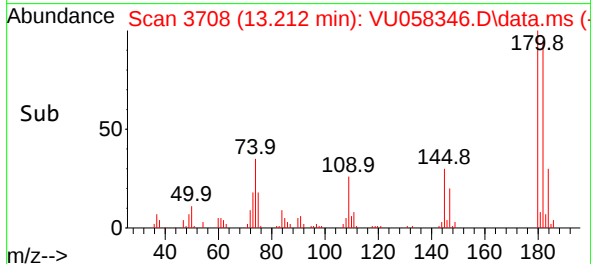
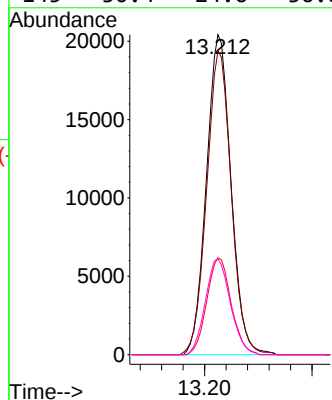
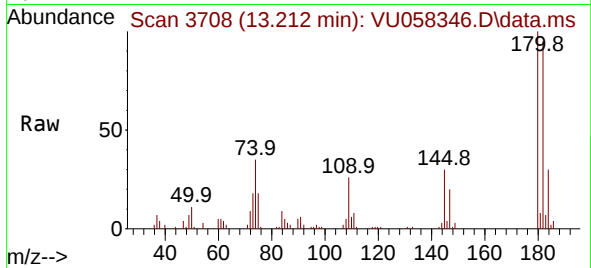




#69
1,3,5-Trichlorobenzene
Concen: 4.578 ug/L
RT: 13.212 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU058346.D
Acq: 02 Apr 2024 18:54

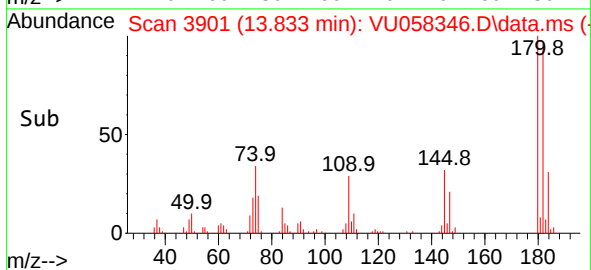
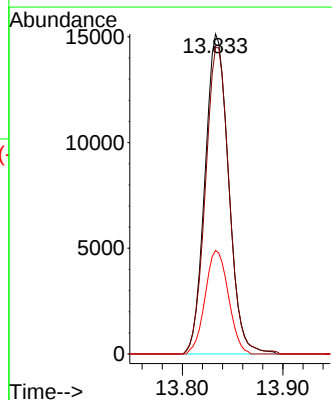
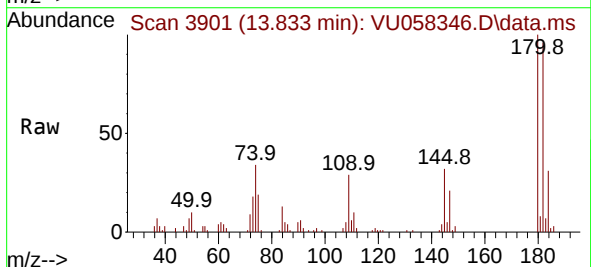
Instrument :
MSVOA_U
ClientSampleId :
DCOE1MS

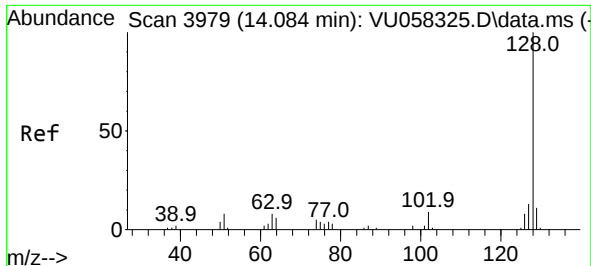
Tgt Ion:180	Resp:	32325
Ion Ratio	Lower	Upper
180	100	
182	95.0	75.4 113.0
184	30.0	24.8 37.2
145	30.4	24.6 36.8



#70
1,2,4-trichlorobenzene
Concen: 4.687 ug/L
RT: 13.833 min Scan# 3901
Delta R.T. -0.003 min
Lab File: VU058346.D
Acq: 02 Apr 2024 18:54

Tgt Ion:180	Resp:	24686
Ion Ratio	Lower	Upper
180	100	
182	96.5	74.5 111.7
145	31.8	24.5 36.7

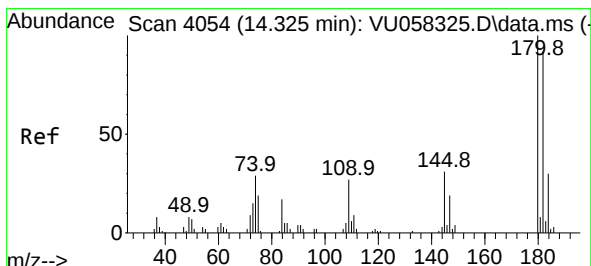
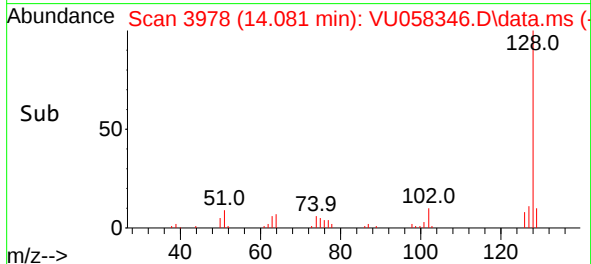
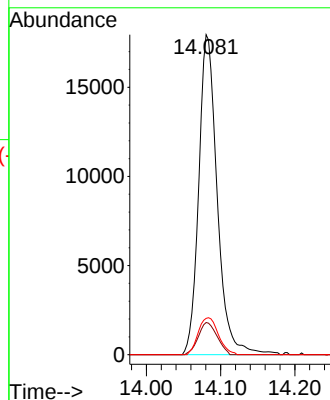
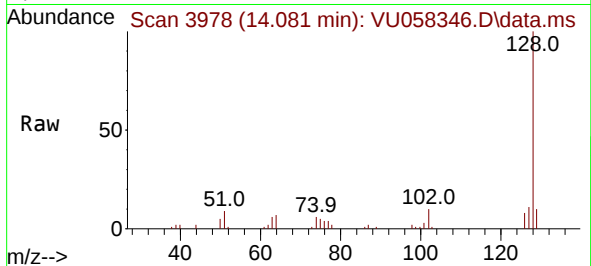




#71
Naphthalene
Concen: 4.330 ug/L
RT: 14.081 min Scan# 3979
Delta R.T. -0.003 min
Lab File: VU058346.D
Acq: 02 Apr 2024 18:54

Instrument :
MSVOA_U
ClientSampleId :
DCOE1MS

Tgt Ion:128	Resp:	31057
Ion Ratio	Lower	Upper
128	100	
129	10.2	8.1 12.1
127	12.6	10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.675 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.003 min
Lab File: VU058346.D
Acq: 02 Apr 2024 18:54

Tgt Ion:180	Resp:	20161
Ion Ratio	Lower	Upper
180	100	
182	94.9	74.4 111.6
145	35.3	26.3 39.5

