

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040424\
 Data File : VU058373.D
 Acq On : 04 Apr 2024 16:03
 Operator : MD/SY
 Sample : VSTD001
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 04 22:46:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 04 22:45:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	86090	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	82742	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	37848	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	6118	0.880	ug/L	0.00
7) Chloroethane-d5	1.907	69	5550	0.973	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	2829	0.972	ug/L	0.00
20) 2-Butanone-d5	4.653	46	7996	6.324	ug/L	0.02
24) Chloroform-d	5.058	84	12094	0.956	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.698	65	5671	0.964	ug/L	0.00
32) Benzene-d6	5.721	84	23406	0.897	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	7274	0.942	ug/L	0.00
41) Toluene-d8	7.894	98	20043	0.870	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.180	79	2093	0.841	ug/L	0.00
46) 2-Hexanone-d5	8.637	63	7873	7.814	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.753	84	4650	0.915	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	6439	0.937	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	6984	1.640	ug/L	98
3) Chloromethane	1.515	50	8471	1.586	ug/L	95
5) Vinyl chloride	1.599	62	8589	1.511	ug/L	97
6) Bromomethane	1.856	94	3899	1.339	ug/L	93
8) Chloroethane	1.930	64	5357	1.471	ug/L	97
9) Trichlorofluoromethane	2.136	101	11340	1.295	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	6632	1.206	ug/L	99
12) 1,1-Dichloroethene	2.576	96	5982	1.280	ug/L	97
13) Acetone	2.656	43	8571	9.740	ug/L	100
14) Carbon disulfide	2.788	76	18420	1.609	ug/L	99
15) Methyl Acetate	2.965	43	1941	1.036	ug/L #	77
16) Methylene chloride	3.039	84	8660	1.303	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	13026	1.071	ug/L	96
18) trans-1,2-Dichloroethene	3.348	96	6132	1.246	ug/L	97
19) 1,1-Dichloroethane	3.862	63	13263	1.225	ug/L	99
21) 2-Butanone	4.730	43	12436	9.332	ug/L	94
22) cis-1,2-Dichloroethene	4.663	96	6847	1.162	ug/L	98
23) Bromochloromethane	4.971	128	2571	1.161	ug/L	96
25) Chloroform	5.081	83	12958	1.156	ug/L	98
27) 1,2-Dichloroethane	5.788	62	7871	1.218	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	10128	1.117	ug/L	98
30) Cyclohexane	5.383	56	10813	1.293	ug/L #	93
31) Carbon tetrachloride	5.515	117	8371	1.077	ug/L	94
33) Benzene	5.769	78	27910	1.195	ug/L	100
34) Trichloroethene	6.541	95	7427	1.229	ug/L	90
35) Methylcyclohexane	6.756	83	9973	1.146	ug/L	95
37) 1,2-Dichloropropane	6.785	63	7498	1.157	ug/L #	94
38) Bromodichloromethane	7.103	83	8490	1.150	ug/L #	97
39) cis-1,3-Dichloropropene	7.605	75	8854	1.086	ug/L	98
40) 4-Methyl-2-pentanone	7.788	43	33245	10.308	ug/L	99
42) Toluene	7.965	91	28627	1.160	ug/L	97
44) trans-1,3-Dichloropropene	8.209	75	6806	1.062	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040424\
 Data File : VU058373.D
 Acq On : 04 Apr 2024 16:03
 Operator : MD/SY
 Sample : VSTD001
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

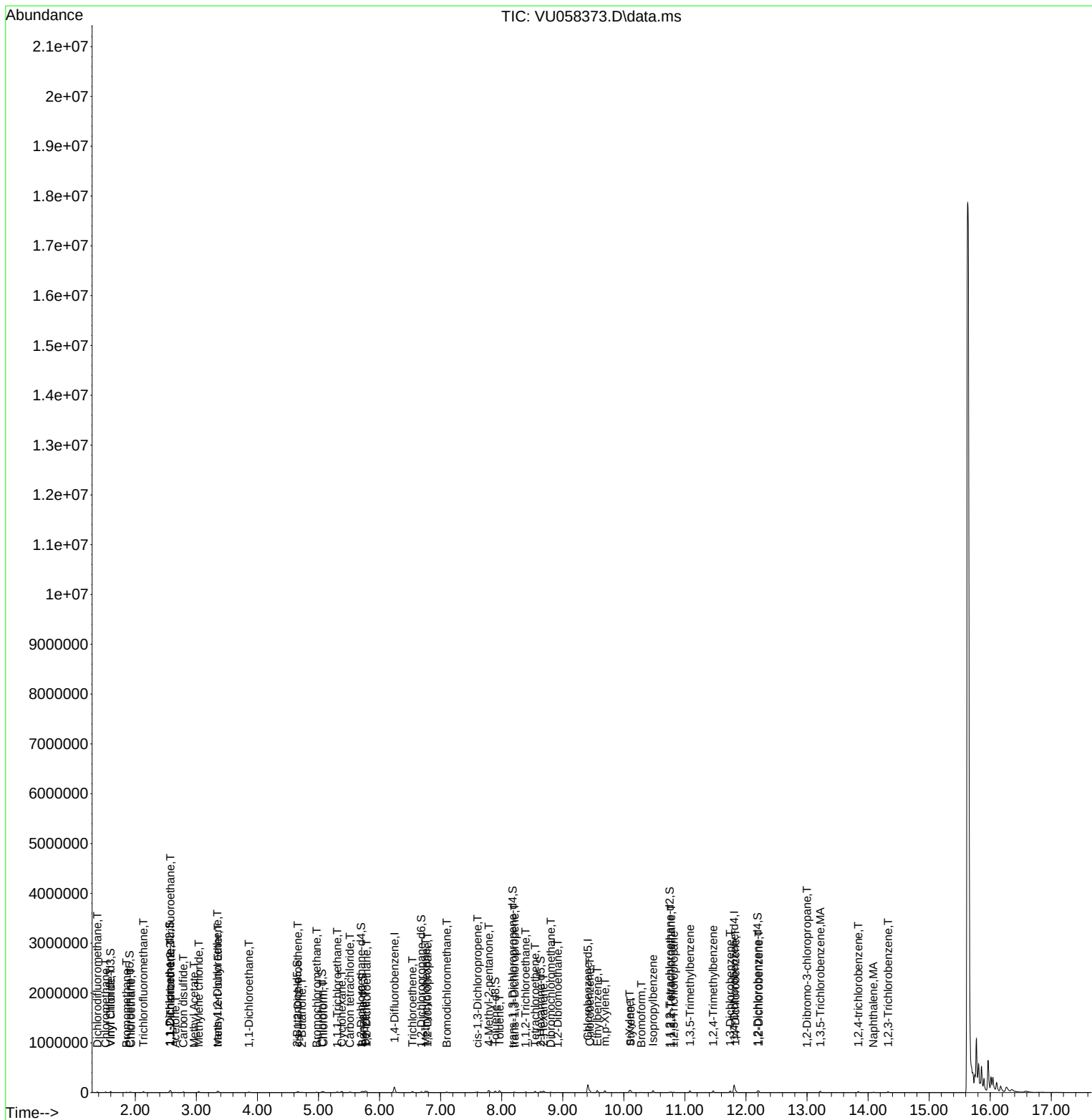
Instrument :
 MSVOA_U
 ClientSampleId :

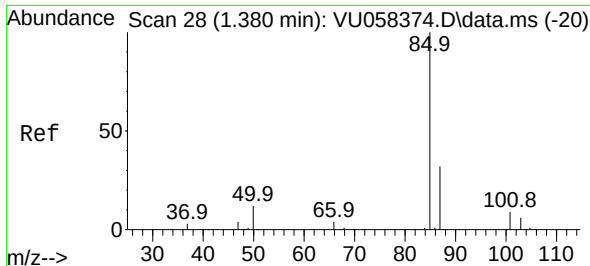
Quant Time: Apr 04 22:46:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 04 22:45:00 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.393	97	4305	1.072	ug/L	97
47) Tetrachloroethene	8.547	164	5098	1.237	ug/L	96
48) 2-Hexanone	8.685	43	22897	9.719	ug/L	94
49) Dibromochloromethane	8.804	129	4673	1.055	ug/L	98
50) 1,2-Dibromoethane	8.920	107	3548	1.026	ug/L #	82
51) Chlorobenzene	9.444	112	18006	1.151	ug/L	100
52) Ethylbenzene	9.566	91	29338	1.075	ug/L	99
53) m,p-Xylene	9.692	106	10250	1.049	ug/L	95
54) o-Xylene	10.097	106	9625	0.986	ug/L	100
55) Styrene	10.113	104	15449	0.997	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	5494	1.161	ug/L	92
59) Bromoform	10.286	173	2295	1.082	ug/L	95
60) Isopropylbenzene	10.479	105	26346	1.098	ug/L	98
61) 1,2,3-Trichloropropane	10.817	75	3771	1.125	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	19796	0.988	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	19164	0.955	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	12751	1.141	ug/L	96
65) 1,4-Dichlorobenzene	11.830	146	12366	1.145	ug/L	97
67) 1,2-Dichlorobenzene	12.209	146	11711	1.136	ug/L	97
68) 1,2-Dibromo-3-chloropr...	13.000	75	560	1.112	ug/L #	79
69) 1,3,5-Trichlorobenzene	13.219	180	8990	1.135	ug/L	97
70) 1,2,4-trichlorobenzene	13.839	180	6434	1.104	ug/L	97
71) Naphthalene	14.087	128	8560	1.099	ug/L #	84
72) 1,2,3-Trichlorobenzene	14.328	180	5746	1.203	ug/L	96

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

Quant Time: Apr 04 22:46:36 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Apr 04 22:45:00 2024
Response via : Initial Calibration

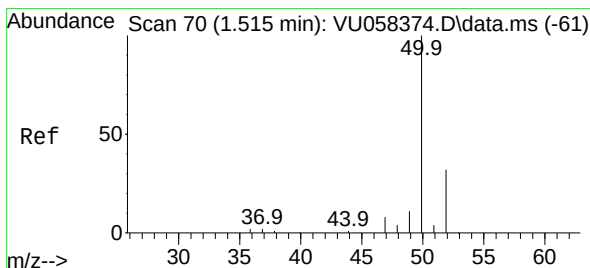
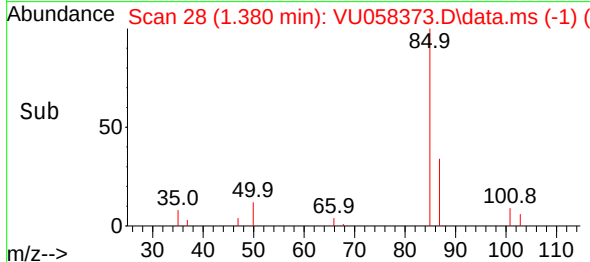
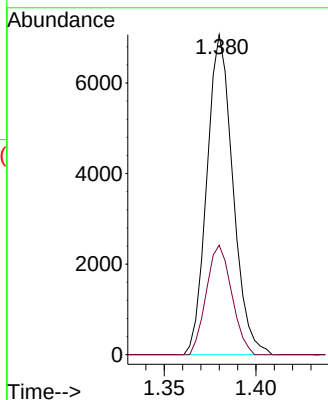
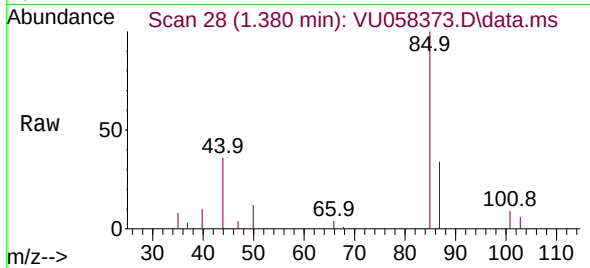




#2
 Dichlorodifluoromethane
 Concen: 1.640 ug/L
 RT: 1.380 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VU058373.D
 Acq: 04 Apr 2024 16:03

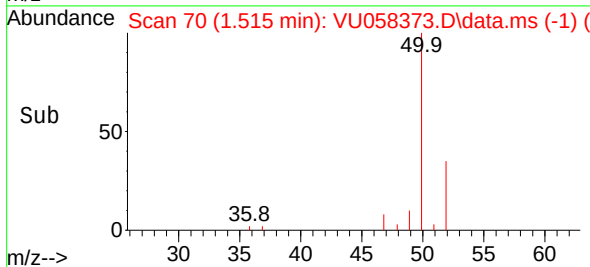
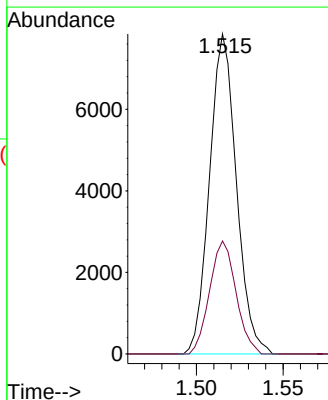
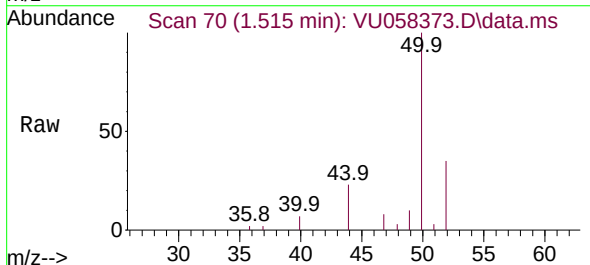
Instrument :
 MSVOA_U
 ClientSampleId :

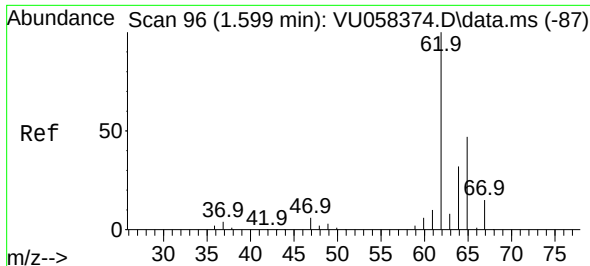
Tgt Ion: 85 Resp: 6984
 Ion Ratio Lower Upper
 85 100
 87 33.4 25.9 38.9



#3
 Chloromethane
 Concen: 1.586 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VU058373.D
 Acq: 04 Apr 2024 16:03

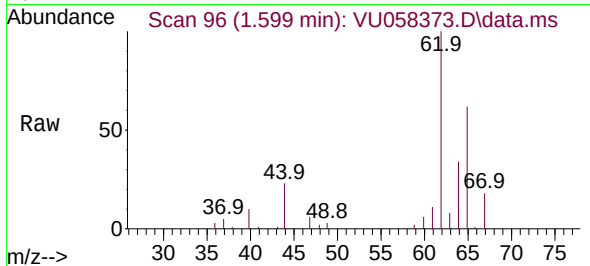
Tgt Ion: 50 Resp: 8471
 Ion Ratio Lower Upper
 50 100
 52 35.3 22.6 42.0



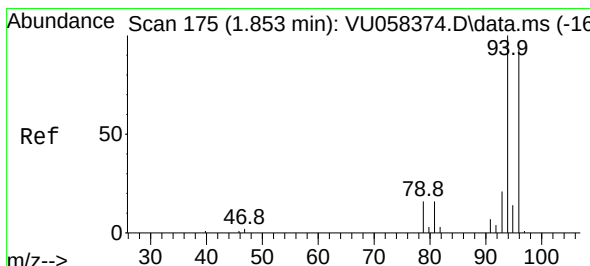
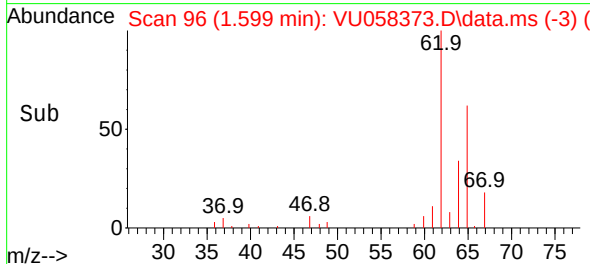
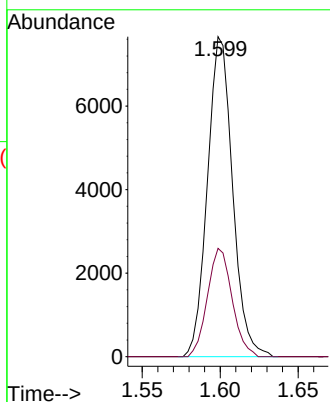


#5
 Vinyl chloride
 Concen: 1.511 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. -0.000 min
 Lab File: VU058373.D
 Acq: 04 Apr 2024 16:03

Instrument :
 MSVOA_U
 ClientSampleId :

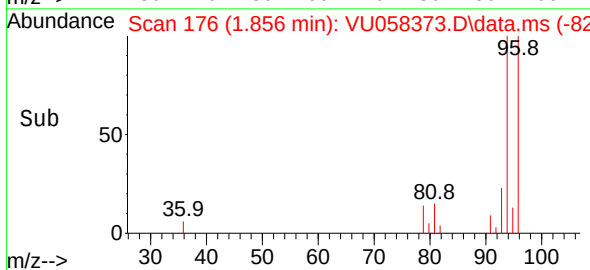
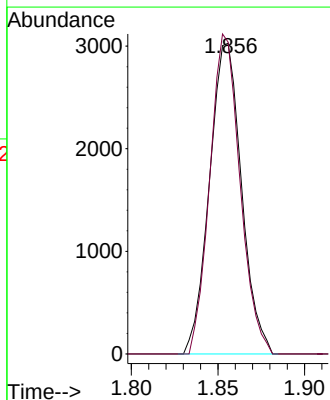
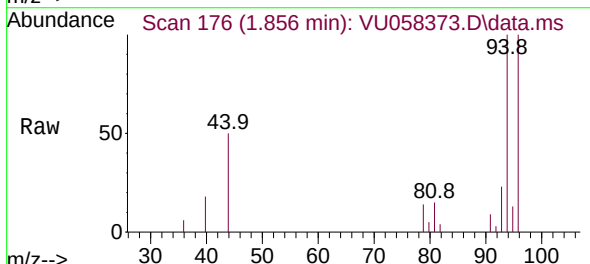


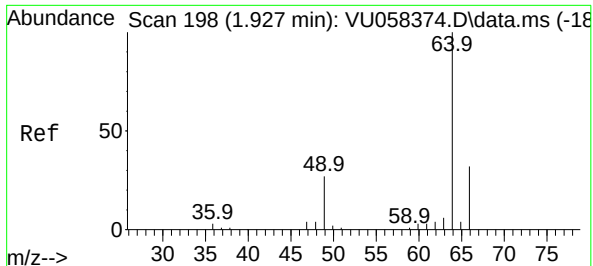
Tgt Ion: 62 Resp: 8589
 Ion Ratio Lower Upper
 62 100
 64 33.9 22.6 42.0



#6
 Bromomethane
 Concen: 1.339 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. 0.003 min
 Lab File: VU058373.D
 Acq: 04 Apr 2024 16:03

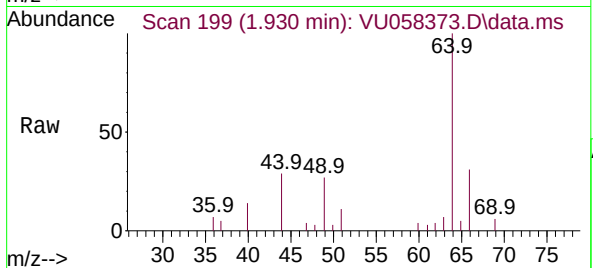
Tgt Ion: 94 Resp: 3899
 Ion Ratio Lower Upper
 94 100
 96 100.4 65.4 121.4



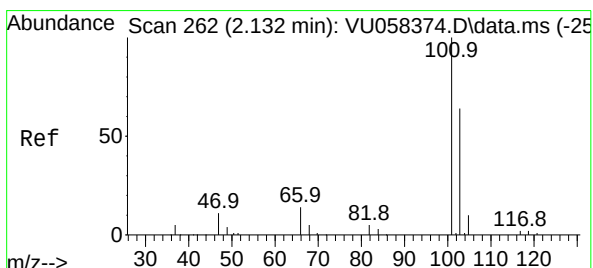
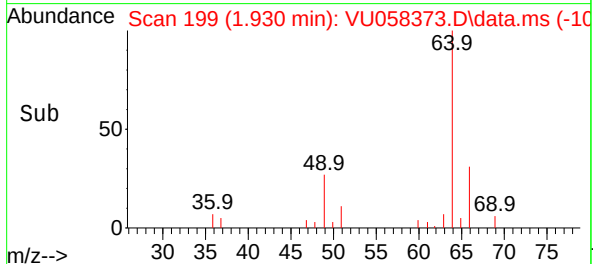
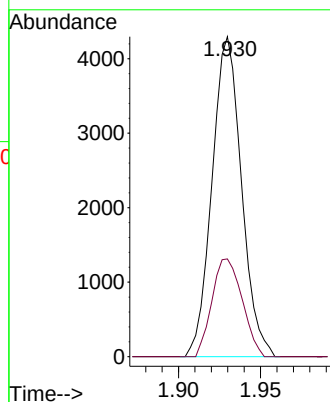


#8
Chloroethane
Concen: 1.471 ug/L
RT: 1.930 min Scan# 198
Delta R.T. 0.003 min
Lab File: VU058373.D
Acq: 04 Apr 2024 16:03

Instrument :
MSVOA_U
ClientSampleId :

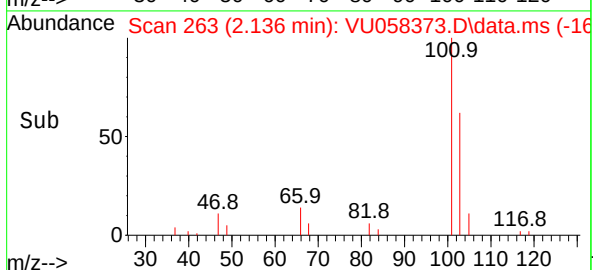
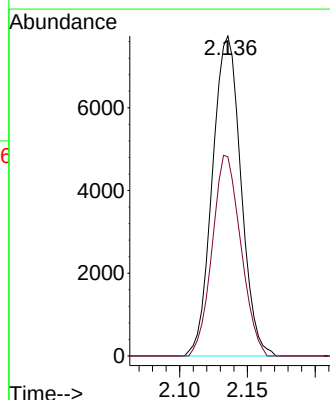
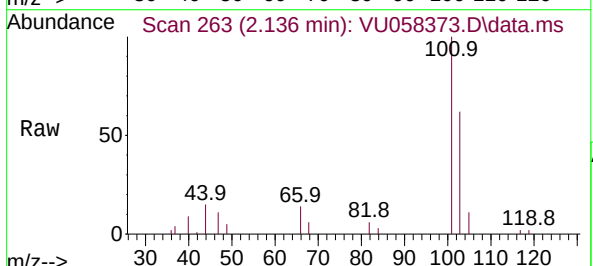


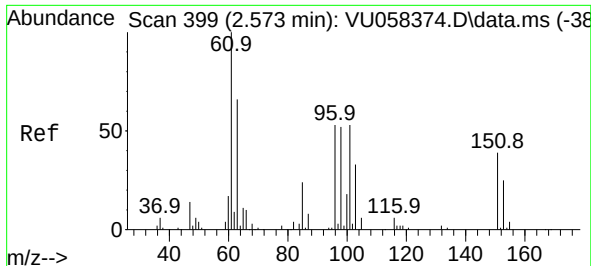
Tgt Ion: 64 Resp: 5357
Ion Ratio Lower Upper
64 100
66 30.5 22.5 41.9



#9
Trichlorofluoromethane
Concen: 1.295 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.003 min
Lab File: VU058373.D
Acq: 04 Apr 2024 16:03

Tgt Ion: 101 Resp: 11340
Ion Ratio Lower Upper
101 100
103 62.8 51.2 76.8





#10

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

Concen: 1.206 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU058373.D

Acq: 04 Apr 2024 16:03

Instrument :

MSVOA_U

ClientSampleId :

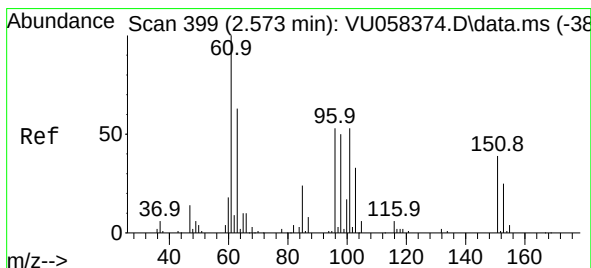
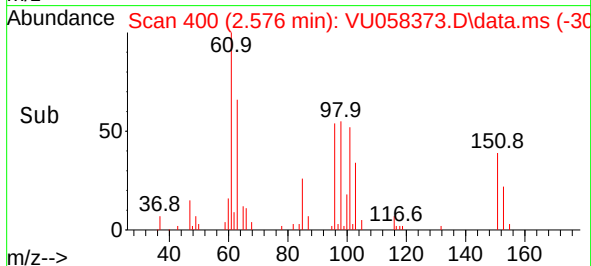
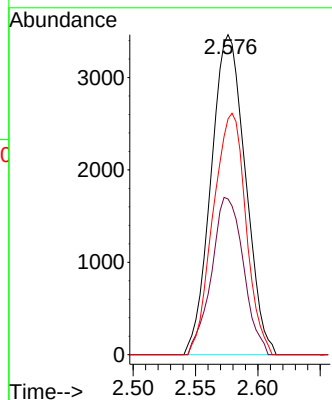
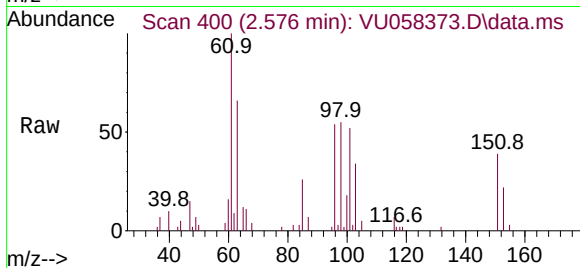
Tgt Ion:101 Resp: 6632

Ion Ratio Lower Upper

101 100

85 45.8 36.8 55.2

151 72.1 58.2 87.4



#12

1,1-Dichloroethene

Concen: 1.280 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU058373.D

Acq: 04 Apr 2024 16:03

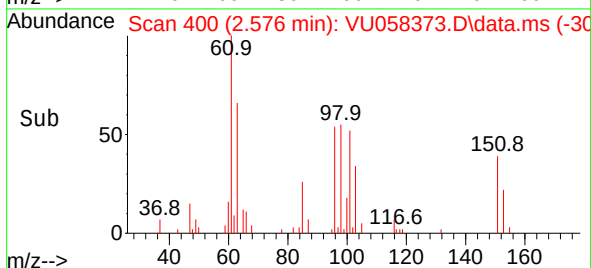
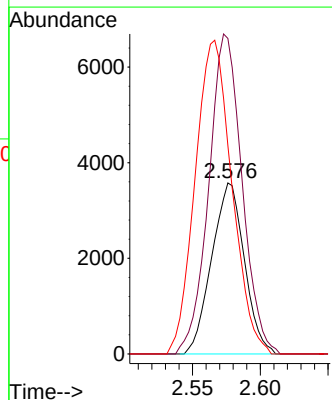
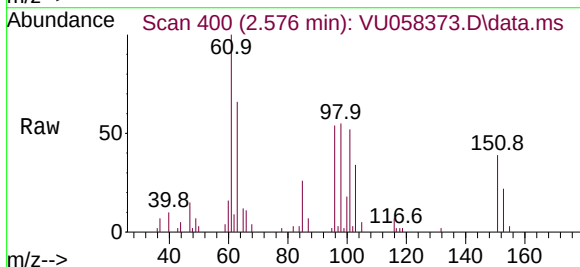
Tgt Ion: 96 Resp: 5982

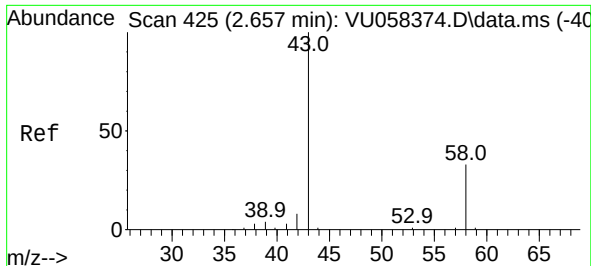
Ion Ratio Lower Upper

96 100

61 184.6 132.5 246.1

63 121.9 87.7 162.9





#13

Acetone

Concen: 9.740 ug/L

RT: 2.656 min Scan# 41

Delta R.T. -0.000 min

Lab File: VU058373.D

Acq: 04 Apr 2024 16:03

Instrument :

MSVOA_U

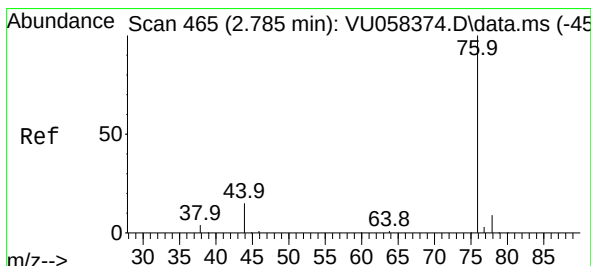
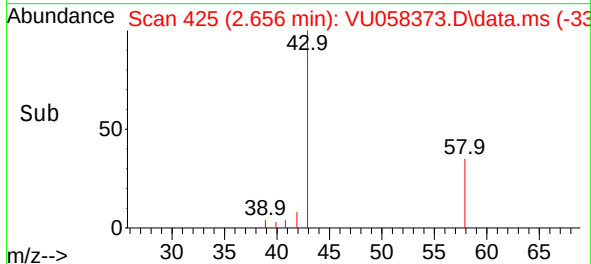
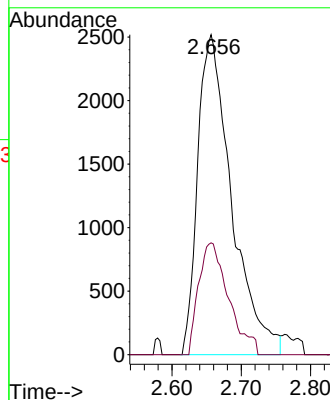
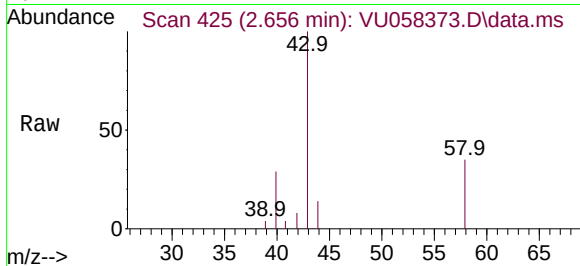
ClientSampleId :

Tgt Ion: 43 Resp: 8571

Ion Ratio Lower Upper

43 100

58 30.8 0.0 61.4



#14

Carbon disulfide

Concen: 1.609 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.003 min

Lab File: VU058373.D

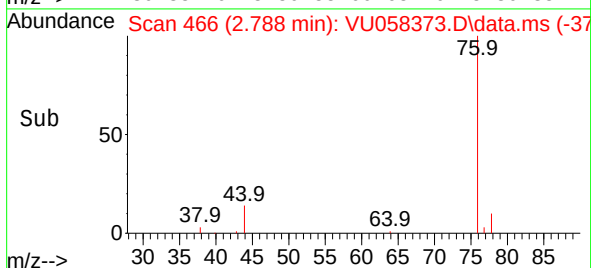
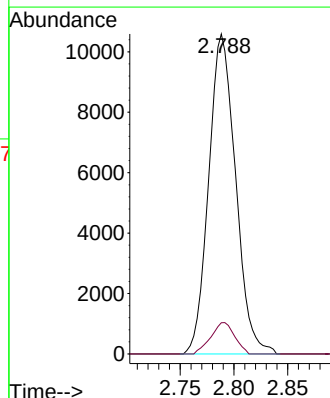
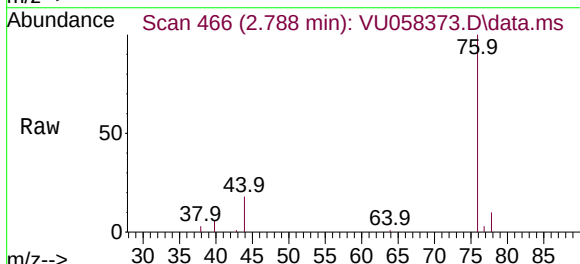
Acq: 04 Apr 2024 16:03

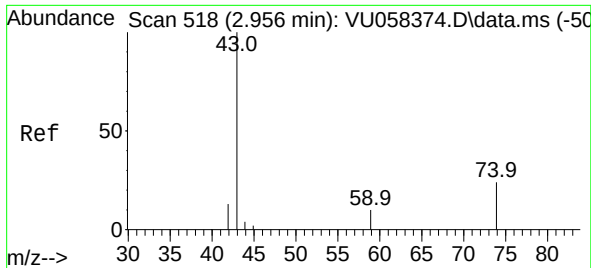
Tgt Ion: 76 Resp: 18420

Ion Ratio Lower Upper

76 100

78 9.7 7.5 11.3





#15

Methyl Acetate

Concen: 1.036 ug/L

RT: 2.965 min Scan# 51

Delta R.T. 0.009 min

Lab File: VU058373.D

Acq: 04 Apr 2024 16:03

Instrument :

MSVOA_U

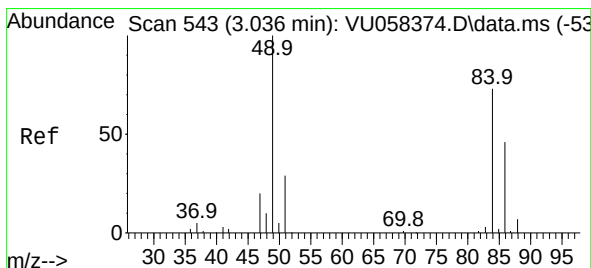
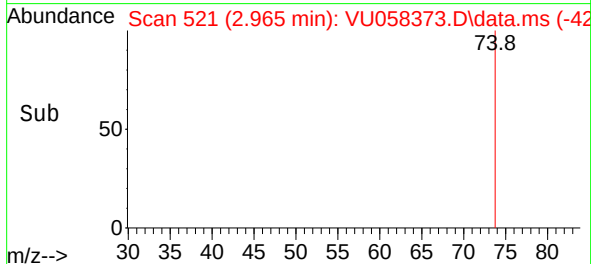
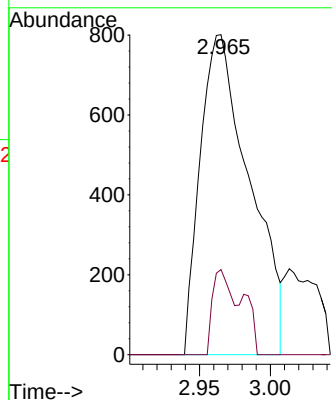
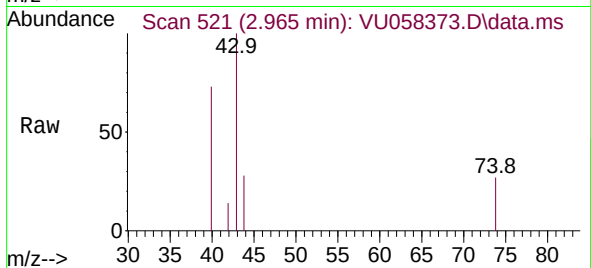
ClientSampleId :

Tgt Ion: 43 Resp: 1941

Ion Ratio Lower Upper

43 100

74 10.1 16.6 25.0#



#16

Methylene chloride

Concen: 1.303 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.003 min

Lab File: VU058373.D

Acq: 04 Apr 2024 16:03

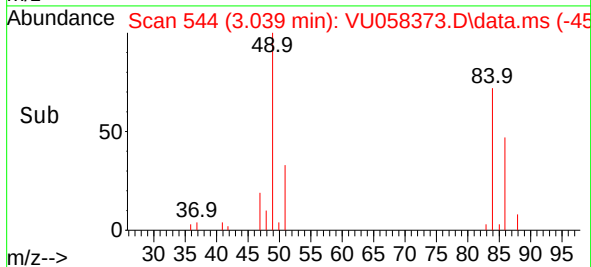
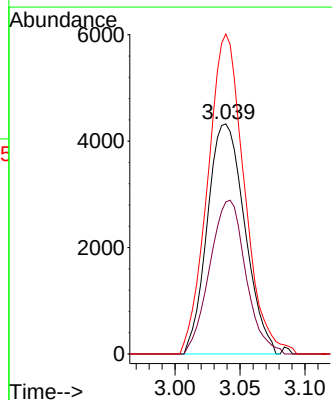
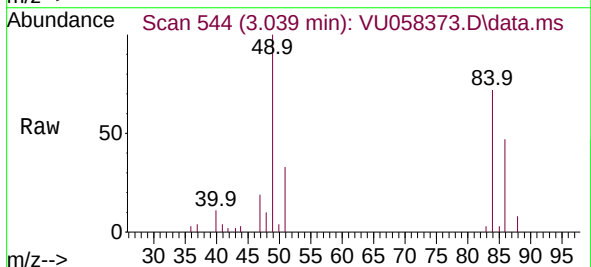
Tgt Ion: 84 Resp: 8660

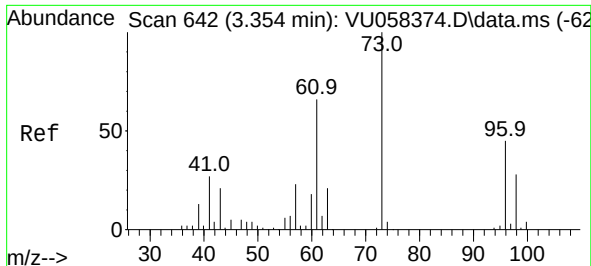
Ion Ratio Lower Upper

84 100

86 66.0 44.3 82.3

49 139.1 96.0 178.2

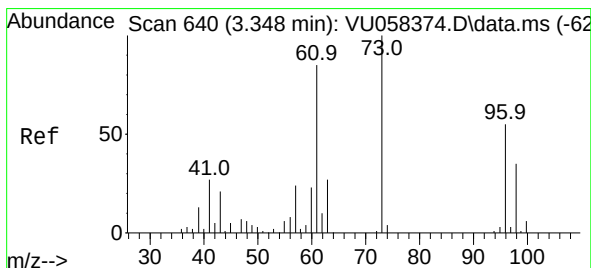
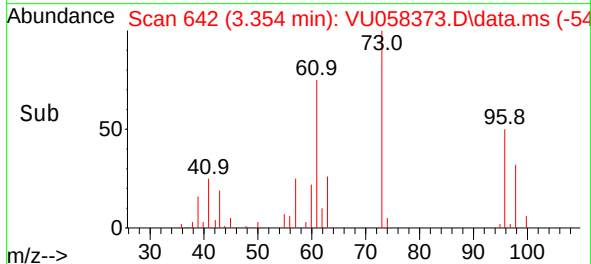
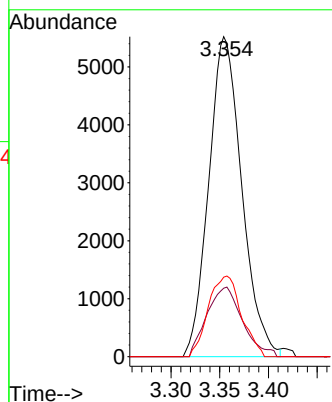
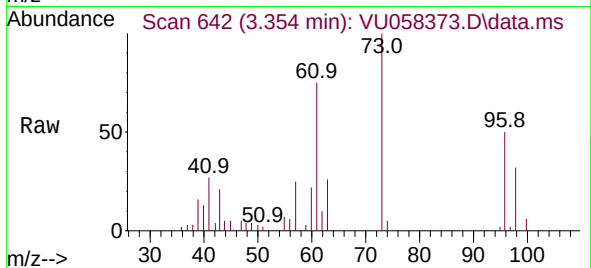




#17
Methyl tert-butyl Ether
Concen: 1.071 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU058373.D
Acq: 04 Apr 2024 16:03

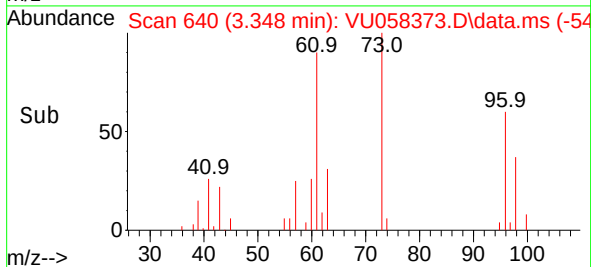
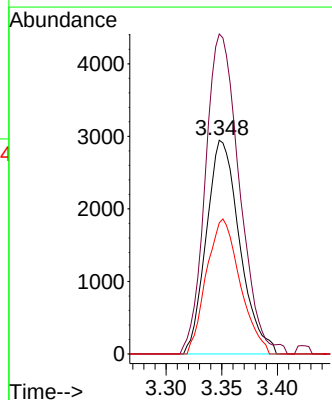
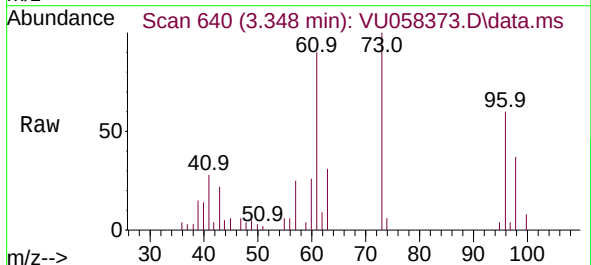
Instrument :
MSVOA_U
ClientSampleId :

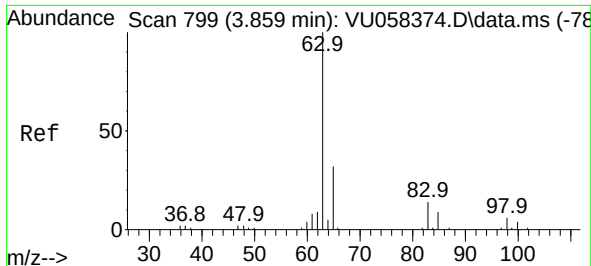
Tgt Ion: 73 Resp: 13026
Ion Ratio Lower Upper
73 100
43 23.4 17.4 26.2
57 25.2 18.6 27.8



#18
trans-1,2-Dichloroethene
Concen: 1.246 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU058373.D
Acq: 04 Apr 2024 16:03

Tgt Ion: 96 Resp: 6132
Ion Ratio Lower Upper
96 100
61 149.7 107.6 199.8
98 61.4 45.1 83.7





#19

1,1-Dichloroethane

Concen: 1.225 ug/L

RT: 3.862 min Scan# 80

Delta R.T. 0.003 min

Lab File: VU058373.D

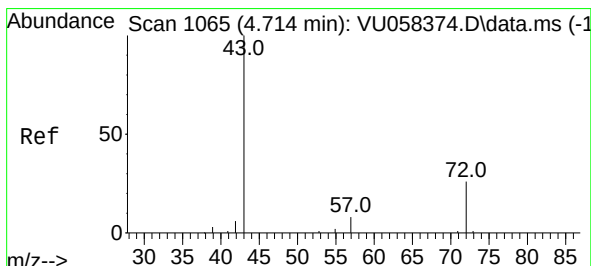
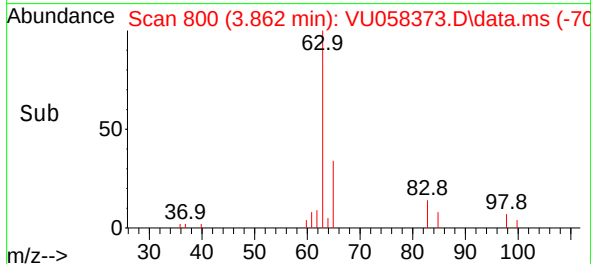
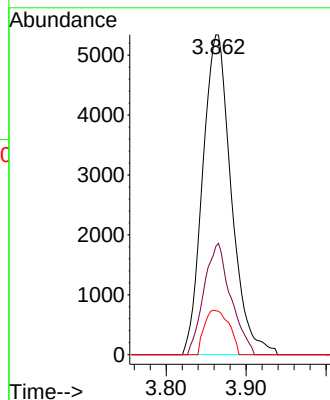
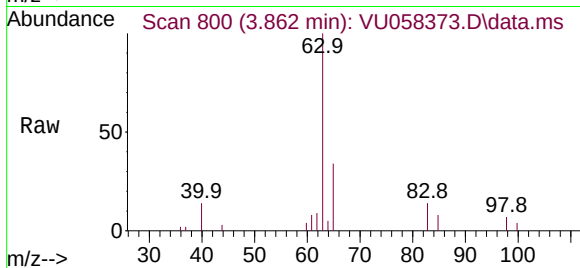
Acq: 04 Apr 2024 16:03

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 63	Resp: 13263
Ion Ratio	Lower Upper
63 100	
65 33.8	22.9 42.5
83 13.7	9.6 17.8



#21

2-Butanone

Concen: 9.332 ug/L

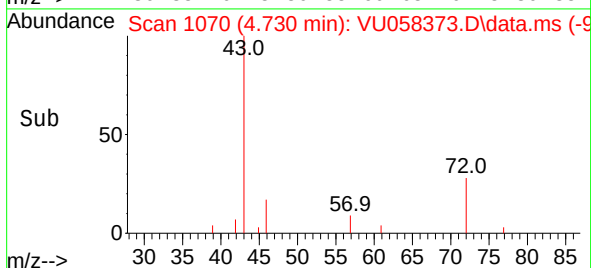
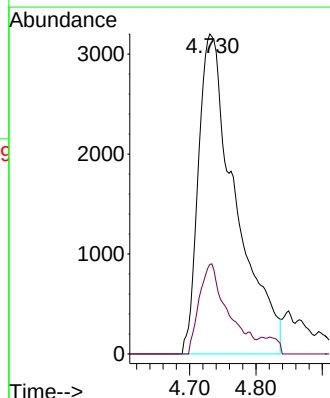
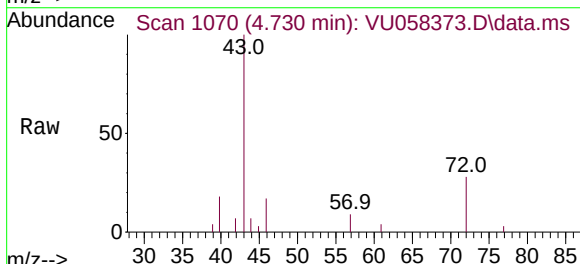
RT: 4.730 min Scan# 1070

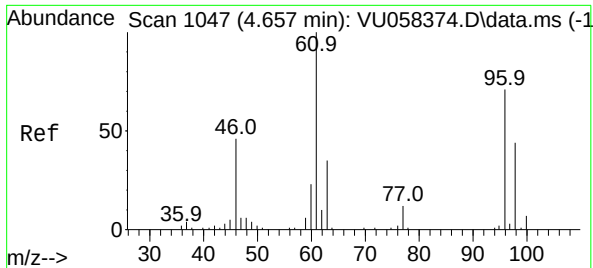
Delta R.T. 0.016 min

Lab File: VU058373.D

Acq: 04 Apr 2024 16:03

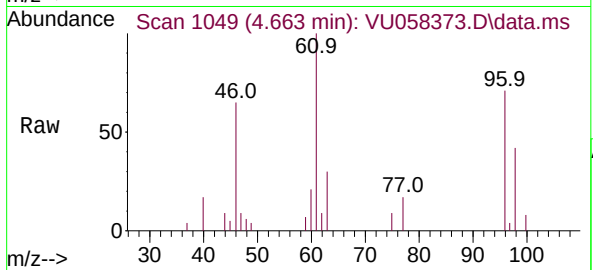
Tgt Ion: 43	Resp: 12436
Ion Ratio	Lower Upper
43 100	
72 20.6	11.7 35.0





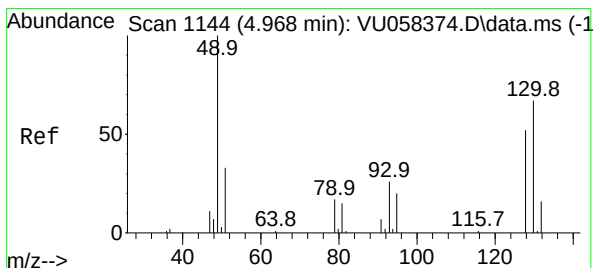
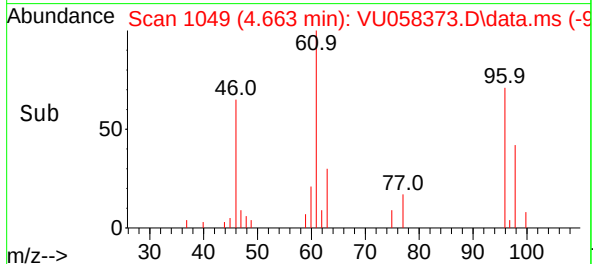
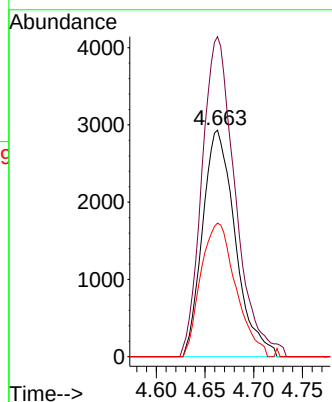
#22
 cis-1,2-Dichloroethene
 Concen: 1.162 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.006 min
 Lab File: VU058373.D
 Acq: 04 Apr 2024 16:03

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 6847

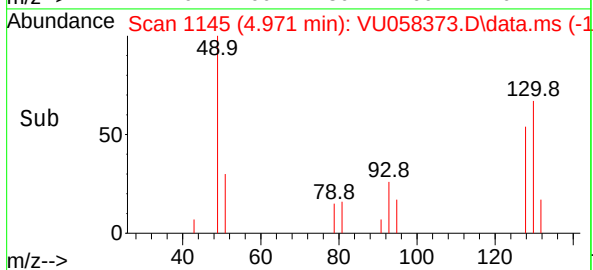
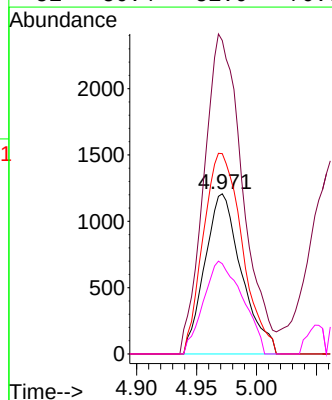
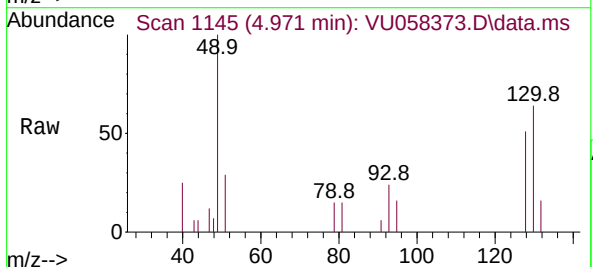
Ion	Ratio	Lower	Upper
96	100		
61	141.3	98.1	182.3
98	59.0	43.6	81.0

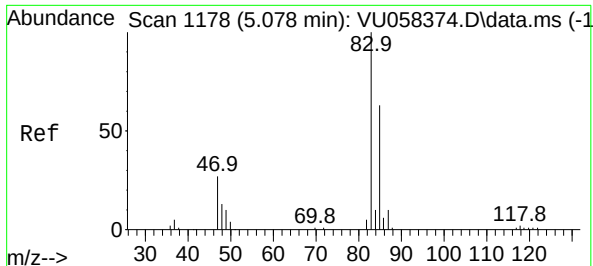


#23
 Bromochloromethane
 Concen: 1.161 ug/L
 RT: 4.971 min Scan# 1145
 Delta R.T. 0.003 min
 Lab File: VU058373.D
 Acq: 04 Apr 2024 16:03

Tgt Ion: 128 Resp: 2571

Ion	Ratio	Lower	Upper
128	100		
49	195.5	134.4	249.6
130	125.0	90.0	167.2
51	56.4	51.0	76.6





#25

Chloroform

Concen: 1.156 ug/L

RT: 5.081 min Scan# 1178

Delta R.T. 0.003 min

Lab File: VU058373.D

Acq: 04 Apr 2024 16:03

Instrument :

MSVOA_U

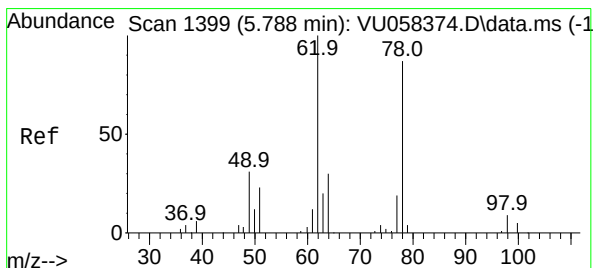
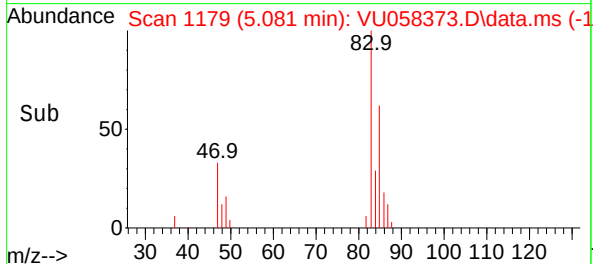
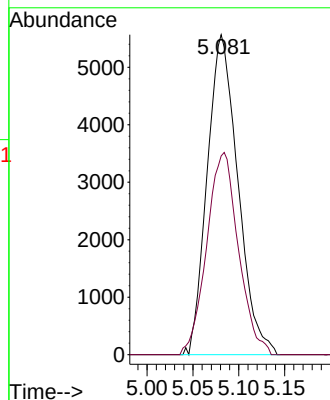
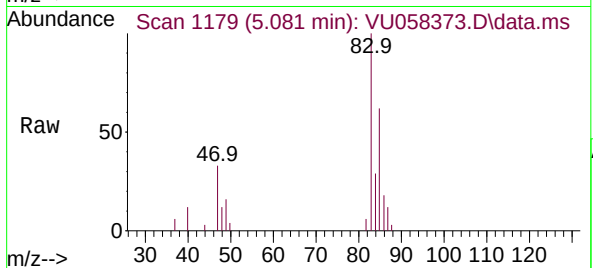
ClientSampleId :

Tgt Ion: 83 Resp: 12958

Ion Ratio Lower Upper

83 100

85 62.1 44.7 83.1



#27

1,2-Dichloroethane

Concen: 1.218 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. -0.000 min

Lab File: VU058373.D

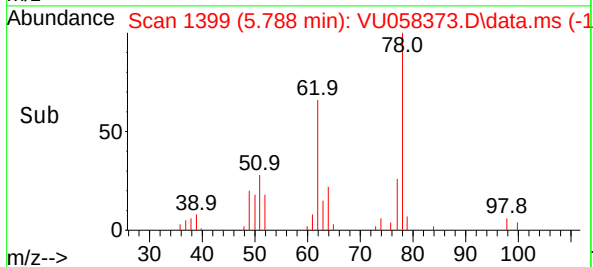
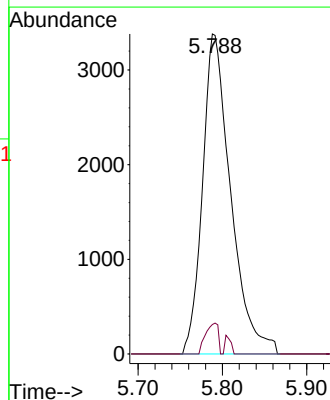
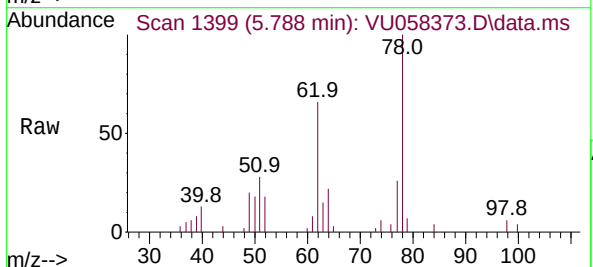
Acq: 04 Apr 2024 16:03

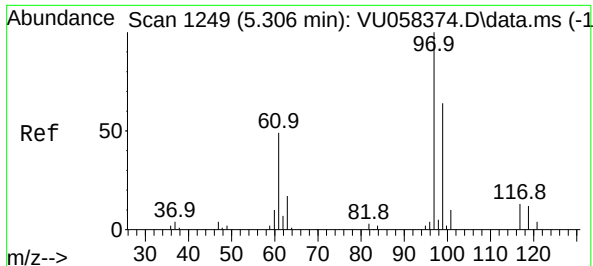
Tgt Ion: 62 Resp: 7871

Ion Ratio Lower Upper

62 100

98 9.2 7.0 10.4

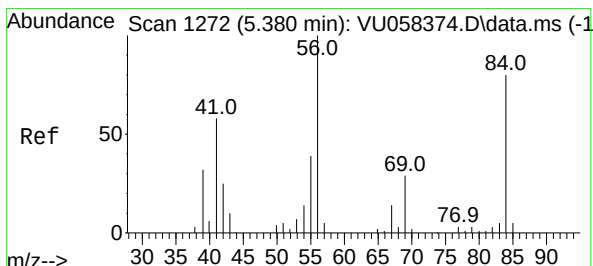
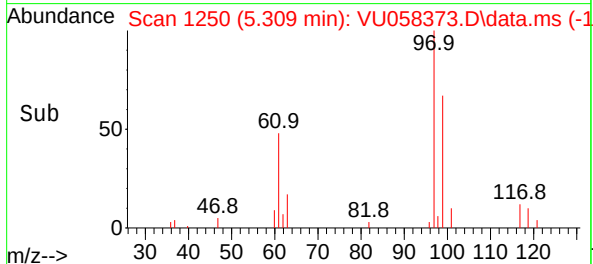
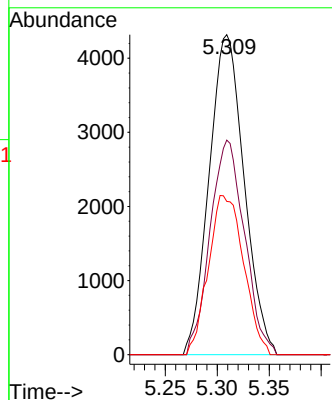
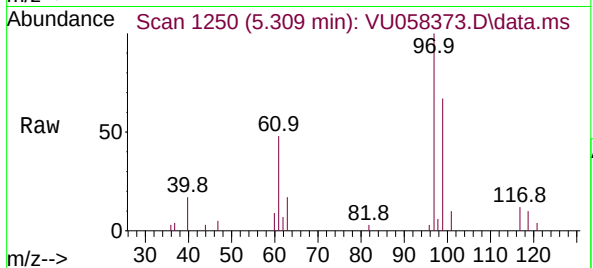




#29
1,1,1-Trichloroethane
Concen: 1.117 ug/L
RT: 5.309 min Scan# 1249
Delta R.T. 0.003 min
Lab File: VU058373.D
Acq: 04 Apr 2024 16:03

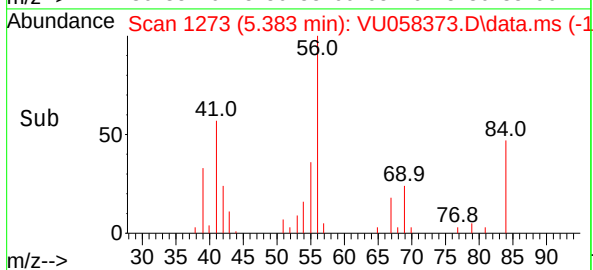
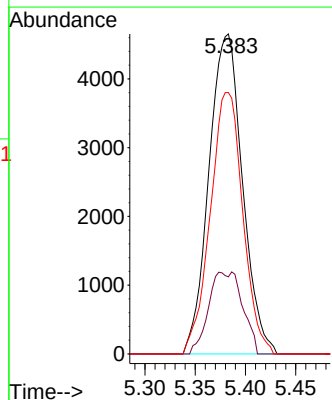
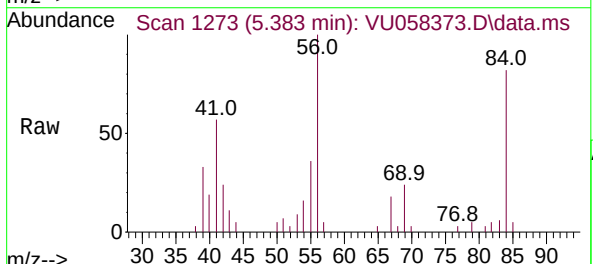
Instrument :
MSVOA_U
ClientSampleId :

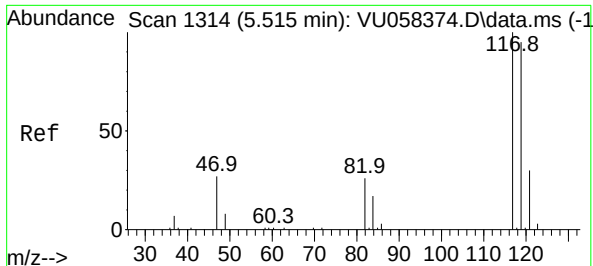
Tgt Ion:	97	Resp:	10128
Ion	Ratio	Lower	Upper
97	100		
99	65.7	50.4	75.6
61	50.0	39.4	59.0



#30
Cyclohexane
Concen: 1.293 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. 0.003 min
Lab File: VU058373.D
Acq: 04 Apr 2024 16:03

Tgt Ion:	56	Resp:	10813
Ion	Ratio	Lower	Upper
56	100		
69	15.6	23.2	34.8#
84	79.1	63.3	94.9





#31

Carbon tetrachloride

Concen: 1.077 ug/L

RT: 5.515 min Scan# 1314

Delta R.T. -0.000 min

Lab File: VU058373.D

Acq: 04 Apr 2024 16:03

Instrument :

MSVOA_U

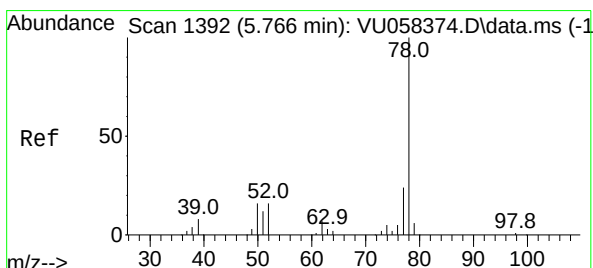
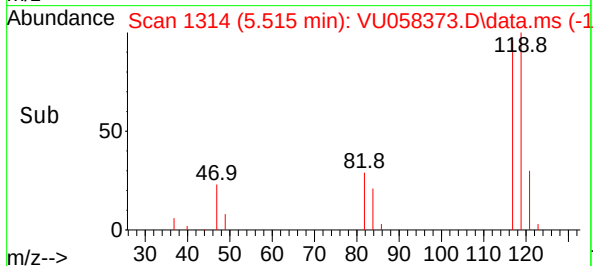
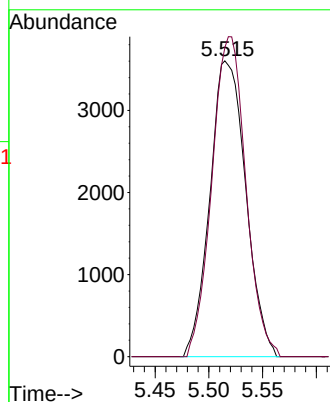
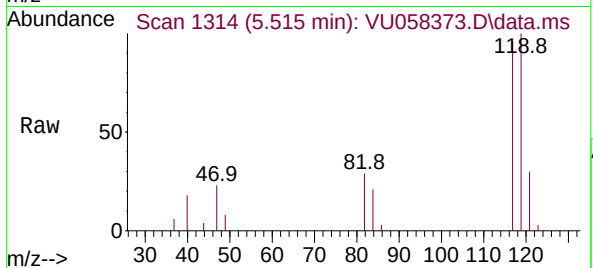
ClientSampleId :

Tgt Ion:117 Resp: 8371

Ion Ratio Lower Upper

117 100

119 102.0 76.7 115.1



#33

Benzene

Concen: 1.195 ug/L

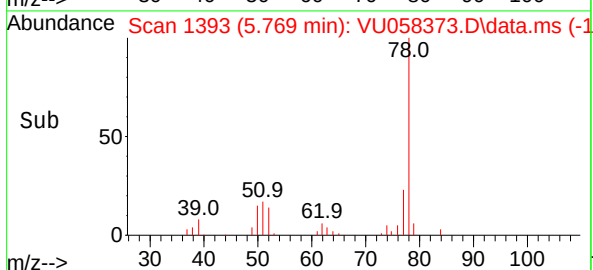
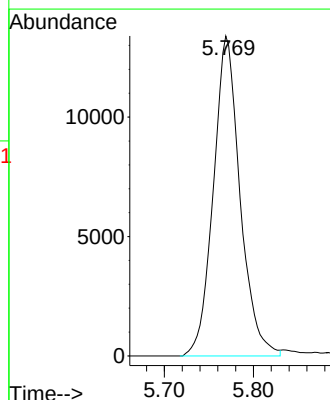
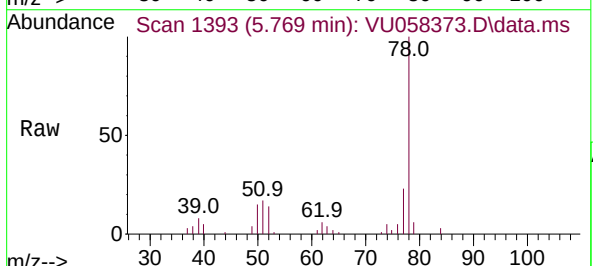
RT: 5.769 min Scan# 1393

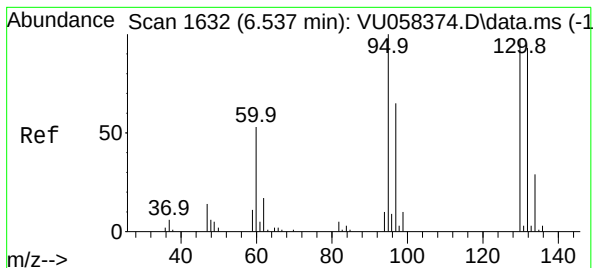
Delta R.T. 0.003 min

Lab File: VU058373.D

Acq: 04 Apr 2024 16:03

Tgt Ion: 78 Resp: 27910





#34

Trichloroethene

Concen: 1.229 ug/L

RT: 6.541 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU058373.D

Acq: 04 Apr 2024 16:03

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 7427

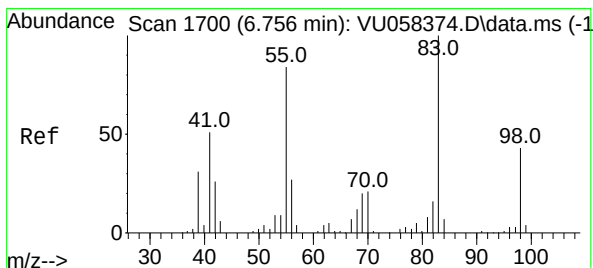
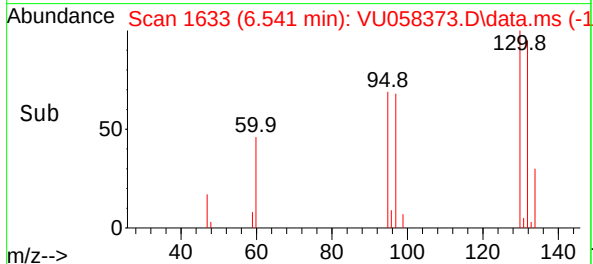
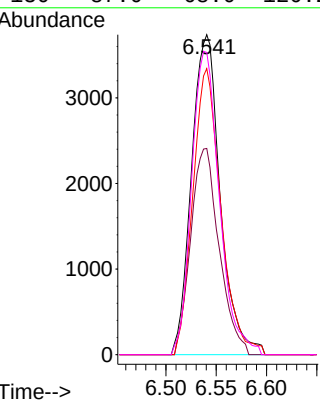
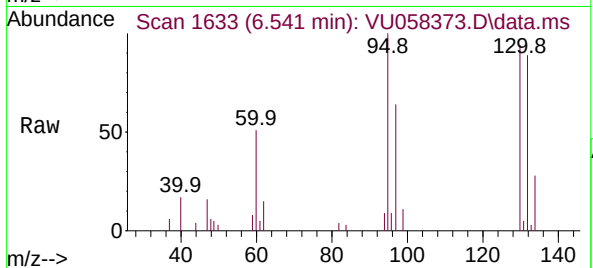
Ion Ratio Lower Upper

95 100

97 59.4 45.6 84.6

132 82.4 64.8 120.3

130 87.0 68.0 126.2



#35

Methylcyclohexane

Concen: 1.146 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VU058373.D

Acq: 04 Apr 2024 16:03

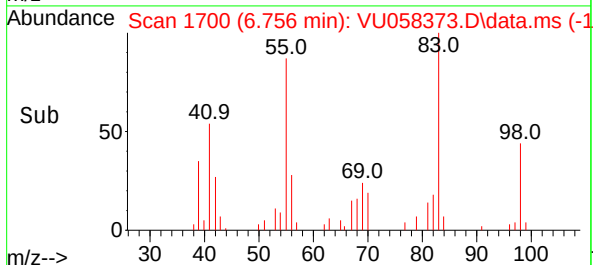
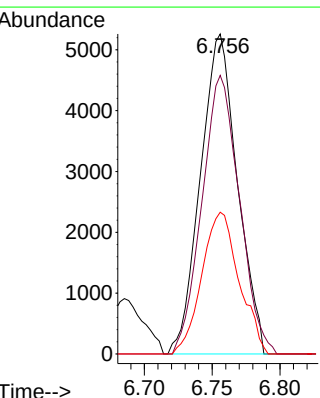
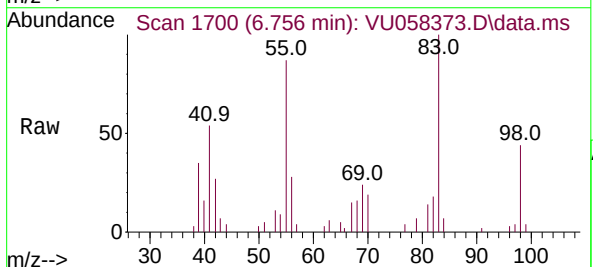
Tgt Ion: 83 Resp: 9973

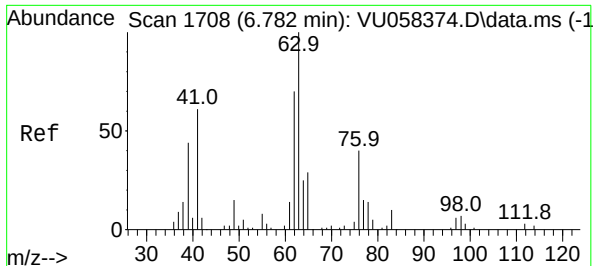
Ion Ratio Lower Upper

83 100

55 88.2 66.2 99.4

98 44.8 34.6 52.0

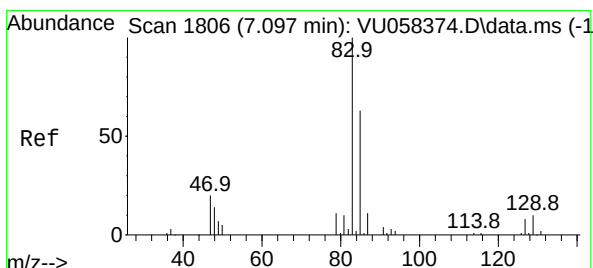
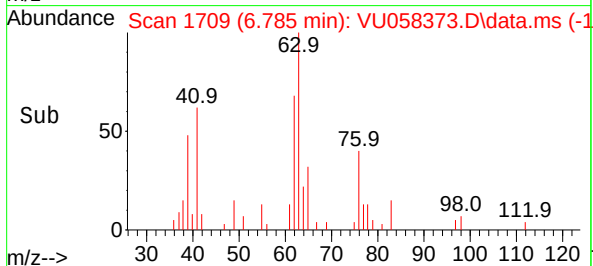
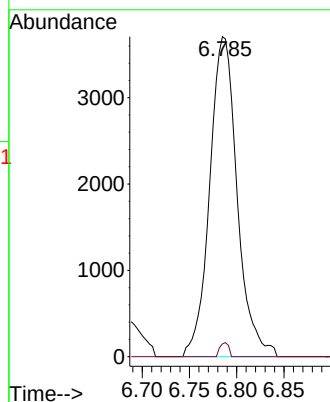
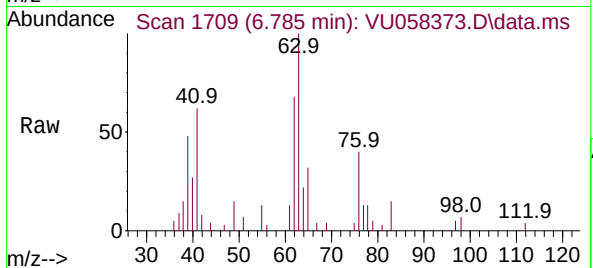




#37
1,2-Dichloropropane
Concen: 1.157 ug/L
RT: 6.785 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU058373.D
Acq: 04 Apr 2024 16:03

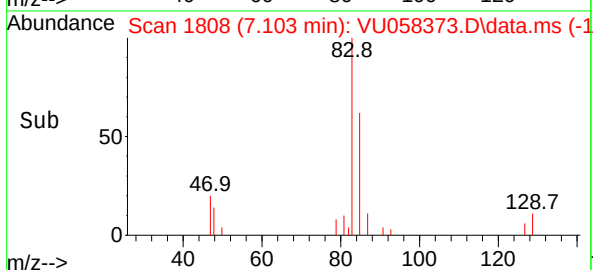
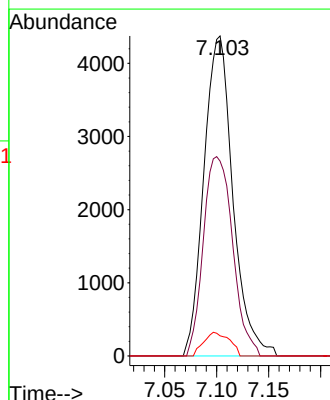
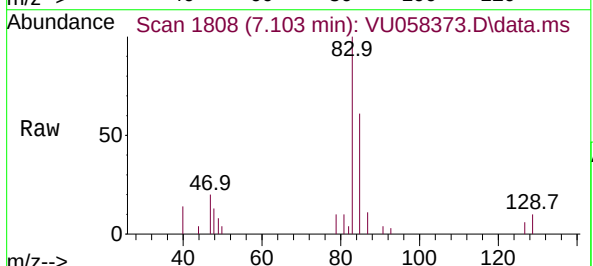
Instrument :
MSVOA_U
ClientSampleId :

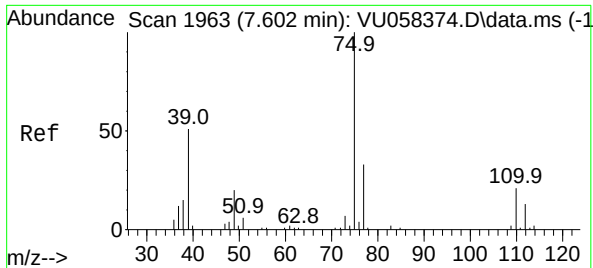
Tgt Ion: 63 Resp: 7498
Ion Ratio Lower Upper
63 100
112 1.4 2.6 4.0#



#38
Bromodichloromethane
Concen: 1.150 ug/L
RT: 7.103 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VU058373.D
Acq: 04 Apr 2024 16:03

Tgt Ion: 83 Resp: 8490
Ion Ratio Lower Upper
83 100
85 60.9 44.2 82.2
127 6.3 6.5 9.7#

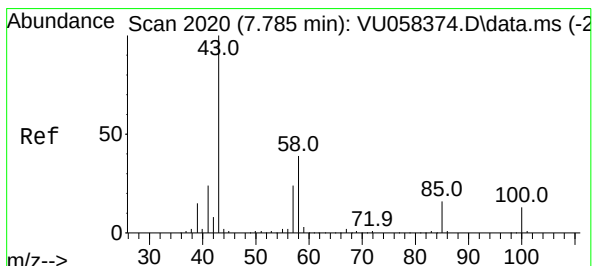
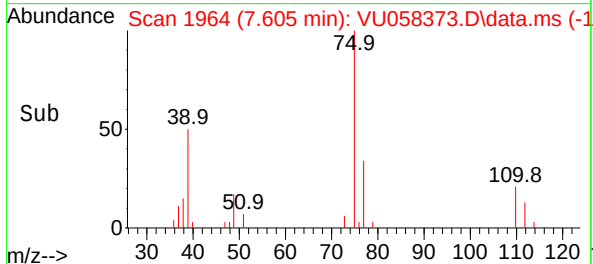
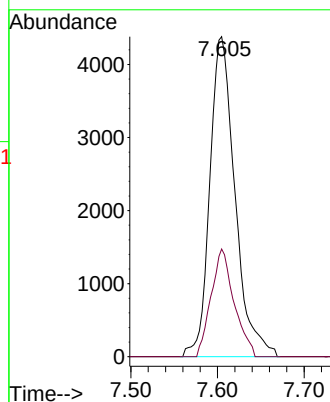
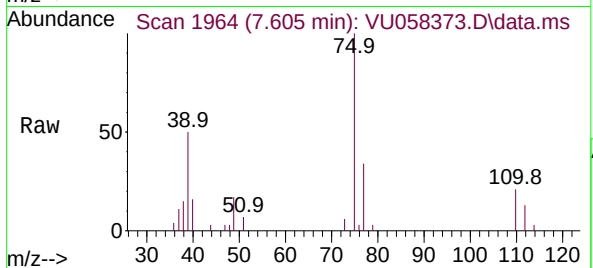




#39
 cis-1,3-Dichloropropene
 Concen: 1.086 ug/L
 RT: 7.605 min Scan# 1964
 Delta R.T. 0.003 min
 Lab File: VU058373.D
 Acq: 04 Apr 2024 16:03

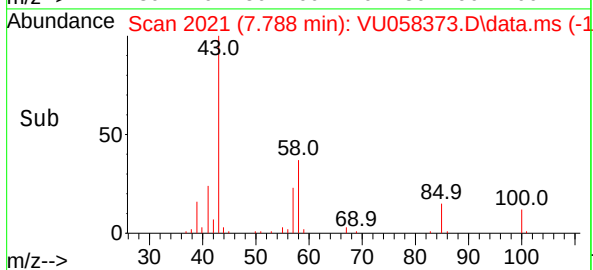
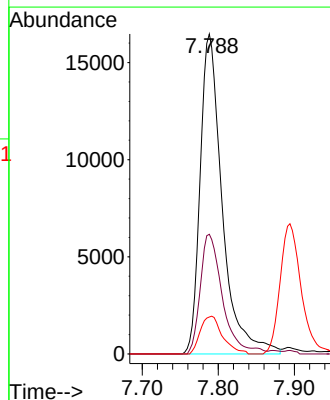
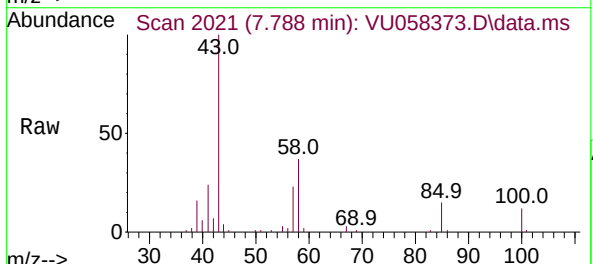
Instrument :
 MSVOA_U
 ClientSampleId :

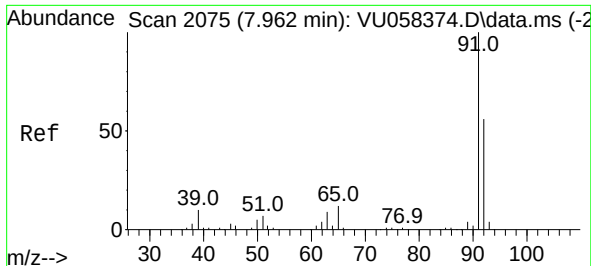
Tgt Ion: 75 Resp: 8854
 Ion Ratio Lower Upper
 75 100
 77 33.7 22.7 42.3



#40
 4-Methyl-2-pentanone
 Concen: 10.308 ug/L
 RT: 7.788 min Scan# 2021
 Delta R.T. 0.003 min
 Lab File: VU058373.D
 Acq: 04 Apr 2024 16:03

Tgt Ion: 43 Resp: 33245
 Ion Ratio Lower Upper
 43 100
 58 37.6 30.4 45.6
 100 11.9 10.3 15.5





#42

Toluene

Concen: 1.160 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU058373.D

Acq: 04 Apr 2024 16:03

Instrument :

MSVOA_U

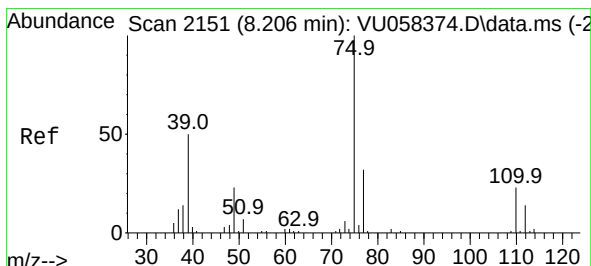
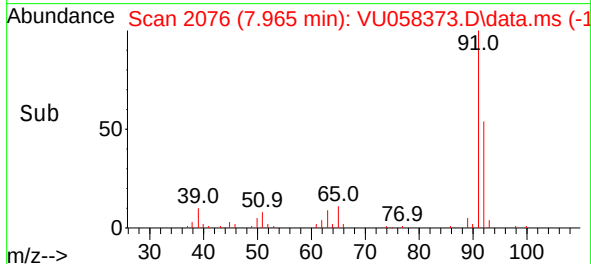
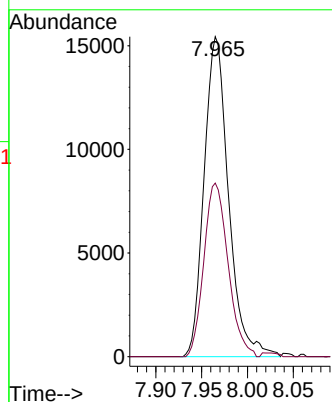
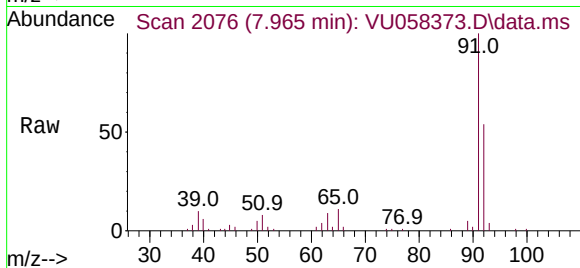
ClientSampleId :

Tgt Ion: 91 Resp: 28627

Ion Ratio Lower Upper

91 100

92 54.3 39.5 73.3



#44

trans-1,3-Dichloropropene

Concen: 1.062 ug/L

RT: 8.209 min Scan# 2152

Delta R.T. 0.003 min

Lab File: VU058373.D

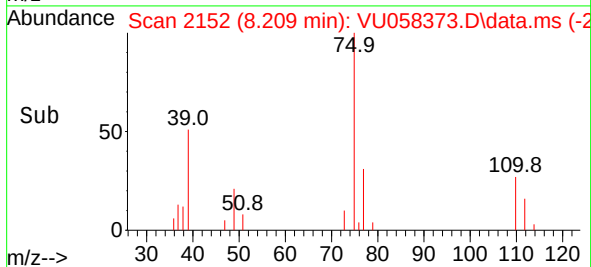
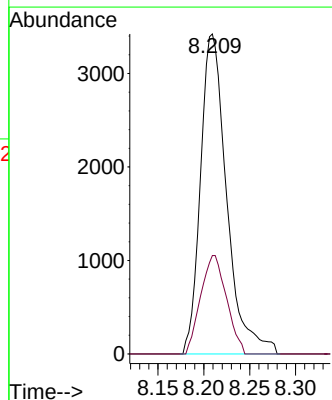
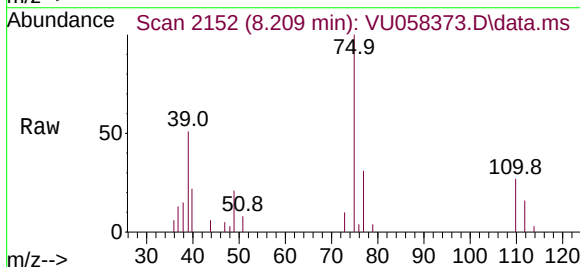
Acq: 04 Apr 2024 16:03

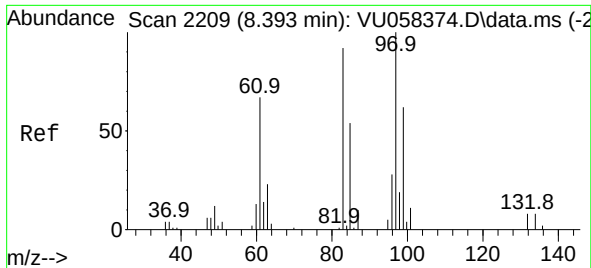
Tgt Ion: 75 Resp: 6806

Ion Ratio Lower Upper

75 100

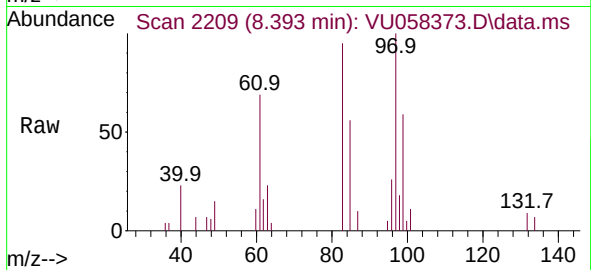
77 30.8 22.2 41.2



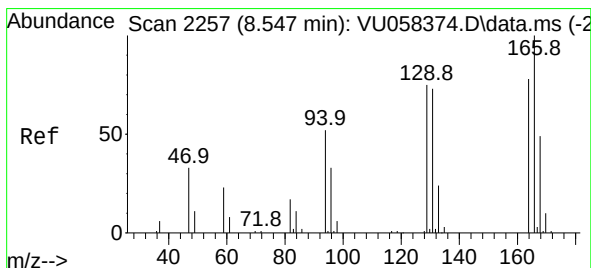
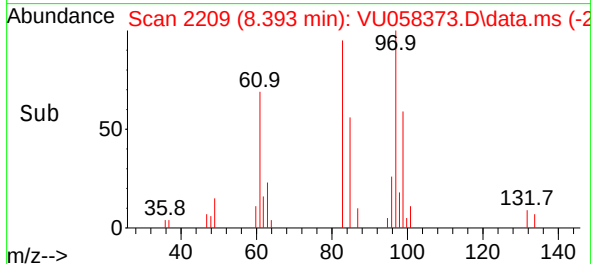
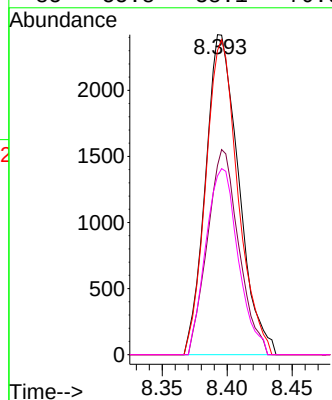


#45
1,1,2-Trichloroethane
Concen: 1.072 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU058373.D
Acq: 04 Apr 2024 16:03

Instrument :
MSVOA_U
ClientSampleId :

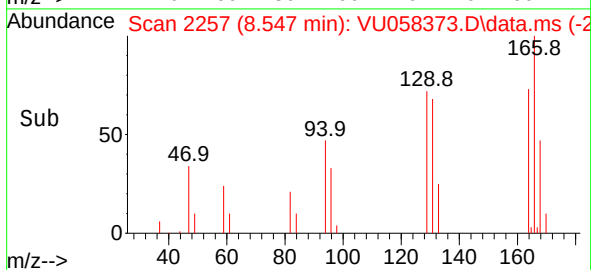
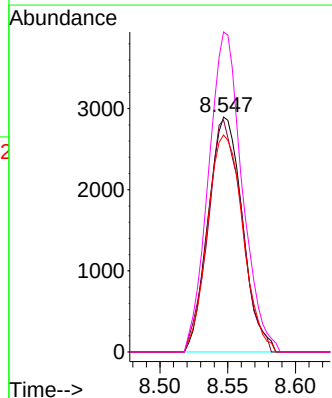
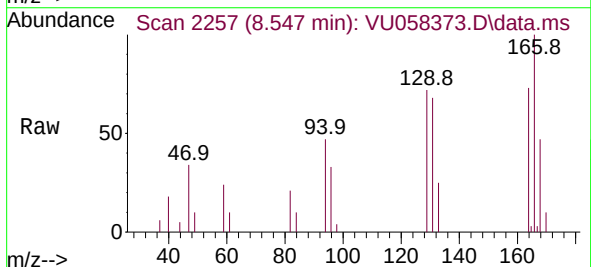


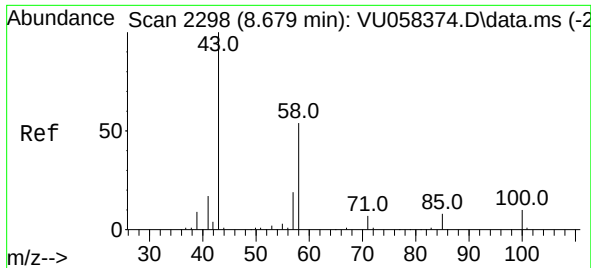
Tgt Ion:	97	Resp:	4305
Ion	Ratio	Lower	Upper
97	100		
99	59.1	43.7	81.1
83	95.0	64.5	119.7
85	55.8	38.1	70.9



#47
Tetrachloroethene
Concen: 1.237 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU058373.D
Acq: 04 Apr 2024 16:03

Tgt Ion:	164	Resp:	5098
Ion	Ratio	Lower	Upper
164	100		
129	98.8	67.3	125.1
131	92.3	65.5	121.6
166	136.2	89.5	166.1

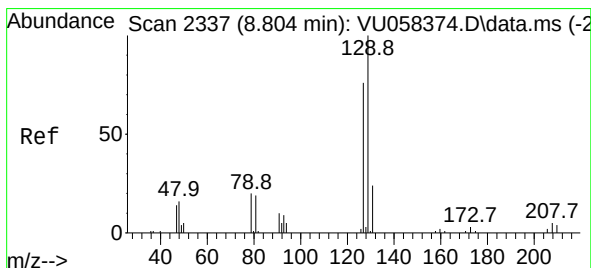
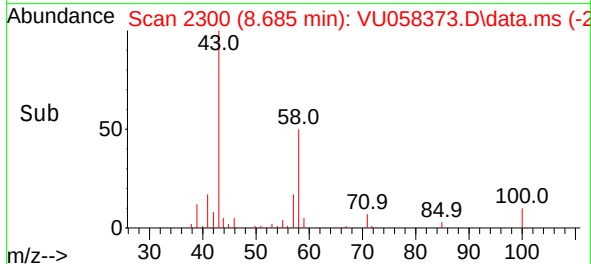
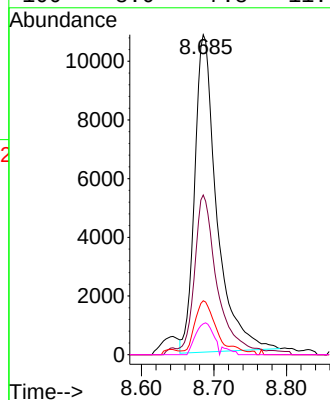
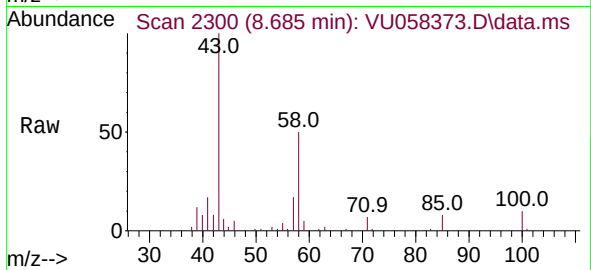




#48
2-Hexanone
Concen: 9.719 ug/L
RT: 8.685 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VU058373.D
Acq: 04 Apr 2024 16:03

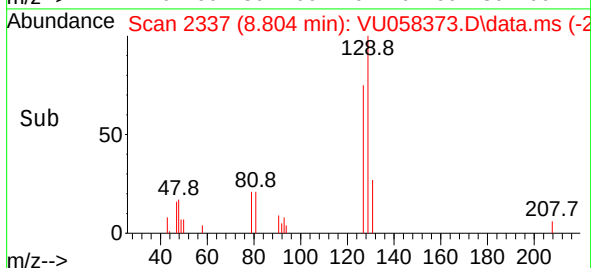
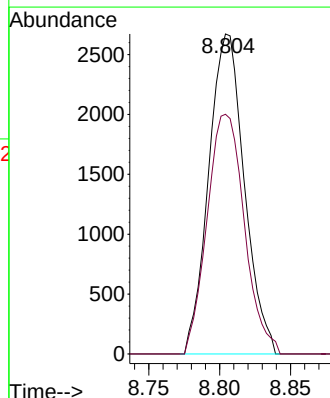
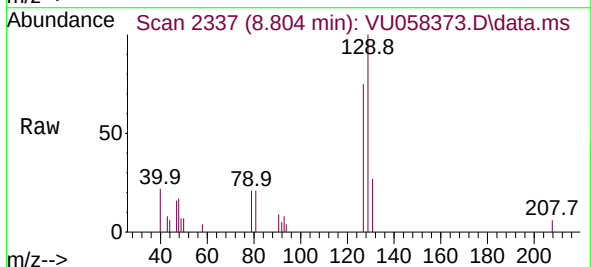
Instrument :
MSVOA_U
ClientSampleId :

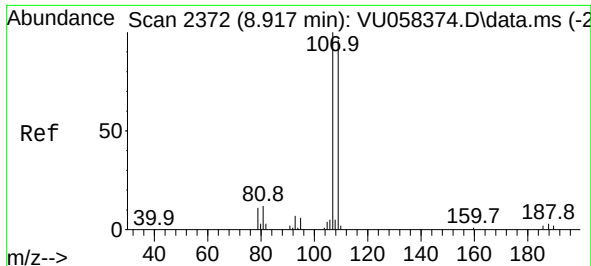
Tgt Ion:	43	Resp:	22897
Ion	Ratio	Lower	Upper
43	100		
58	49.3	43.2	64.8
57	17.5	15.4	23.0
100	8.0	7.8	11.6



#49
Dibromochloromethane
Concen: 1.055 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU058373.D
Acq: 04 Apr 2024 16:03

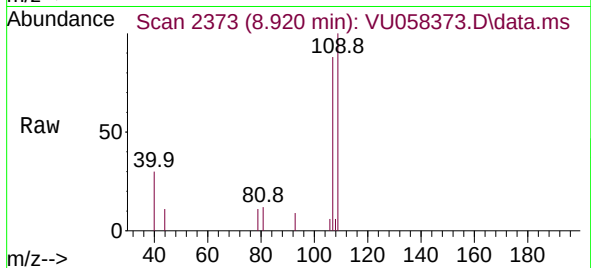
Tgt Ion:	129	Resp:	4673
Ion	Ratio	Lower	Upper
129	100		
127	74.9	53.5	99.5



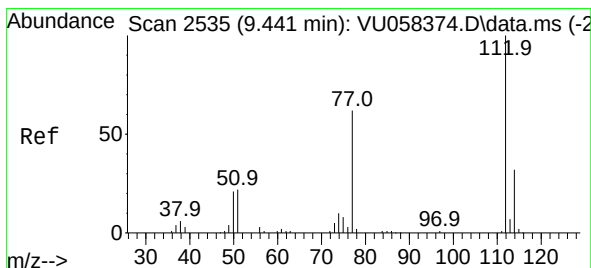
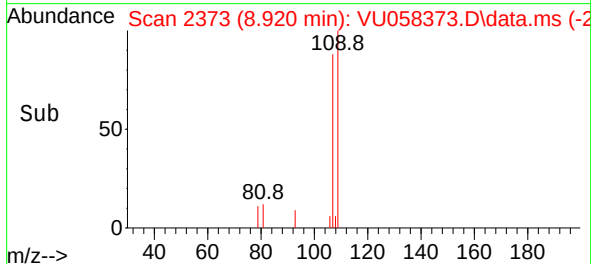
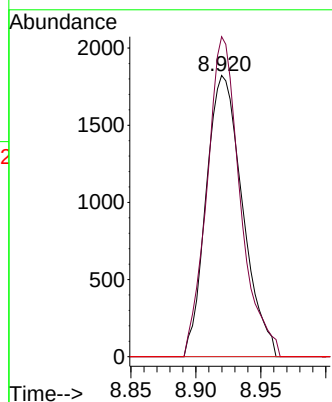


#50
1,2-Dibromoethane
Concen: 1.026 ug/L
RT: 8.920 min Scan# 24
Delta R.T. 0.003 min
Lab File: VU058373.D
Acq: 04 Apr 2024 16:03

Instrument :
MSVOA_U
ClientSampleId :

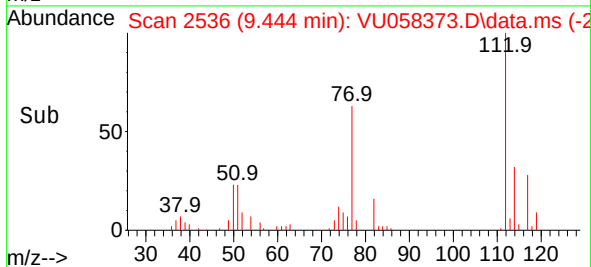
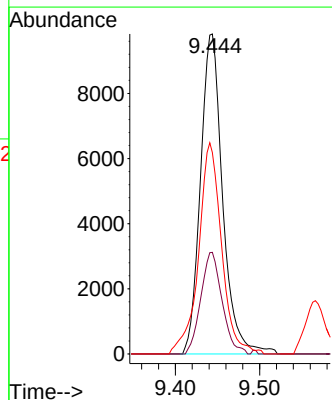
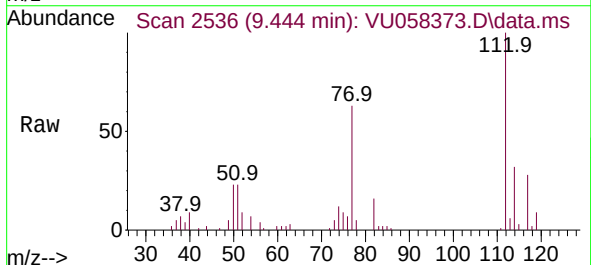


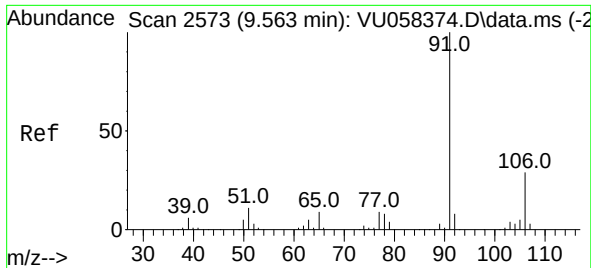
Tgt Ion:107 Resp: 3548
Ion Ratio Lower Upper
107 100
109 113.8 67.3 124.9
188 0.0 2.5 3.7#



#51
Chlorobenzene
Concen: 1.151 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. 0.003 min
Lab File: VU058373.D
Acq: 04 Apr 2024 16:03

Tgt Ion:112 Resp: 18006
Ion Ratio Lower Upper
112 100
114 31.7 22.4 41.6
77 63.0 50.1 75.1

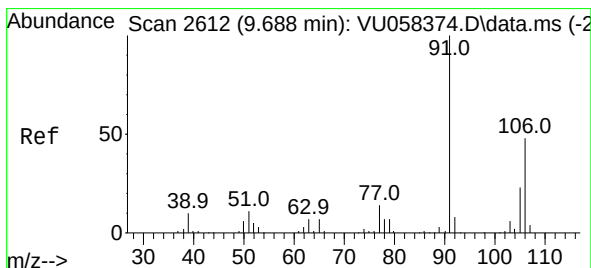
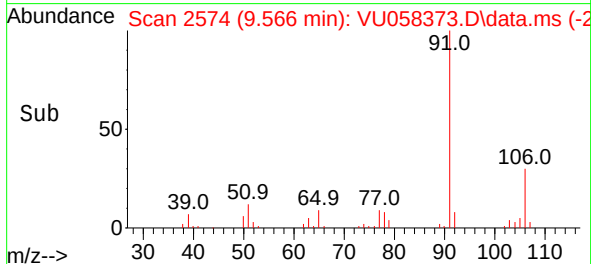
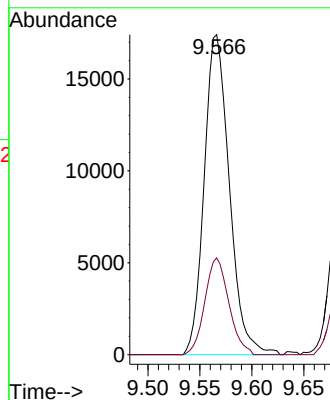
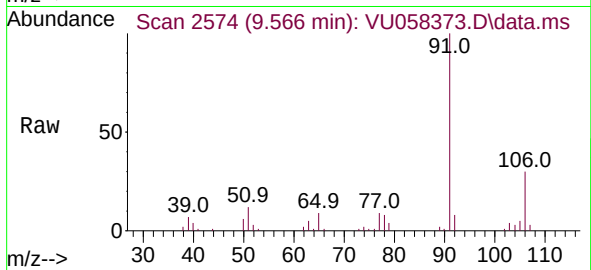




#52
Ethylbenzene
Concen: 1.075 ug/L
RT: 9.566 min Scan# 2573
Delta R.T. 0.003 min
Lab File: VU058373.D
Acq: 04 Apr 2024 16:03

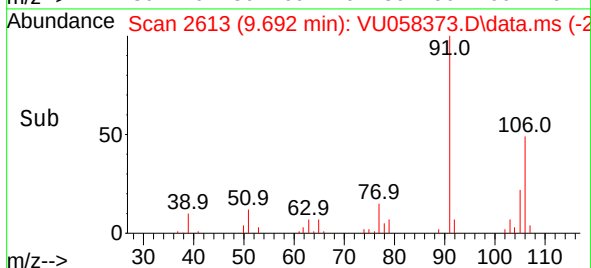
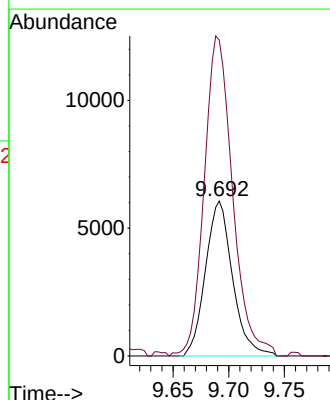
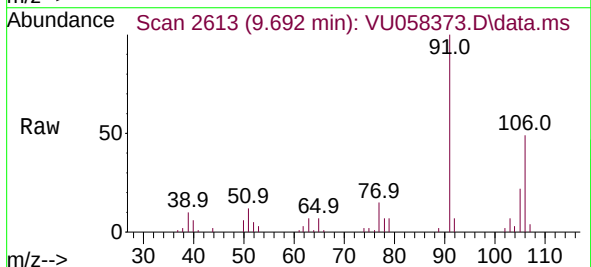
Instrument :
MSVOA_U
ClientSampleId :

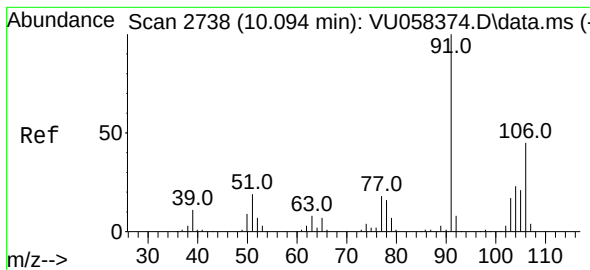
Tgt Ion: 91 Resp: 29338
Ion Ratio Lower Upper
91 100
106 30.2 20.6 38.4



#53
m,p-Xylene
Concen: 1.049 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.003 min
Lab File: VU058373.D
Acq: 04 Apr 2024 16:03

Tgt Ion: 106 Resp: 10250
Ion Ratio Lower Upper
106 100
91 204.0 147.8 274.4





#54

o-Xylene

Concen: 0.986 ug/L

RT: 10.097 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU058373.D

Acq: 04 Apr 2024 16:03

Instrument :

MSVOA_U

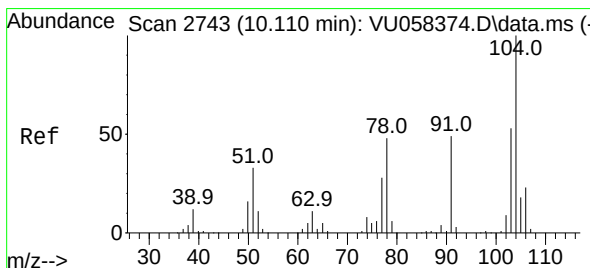
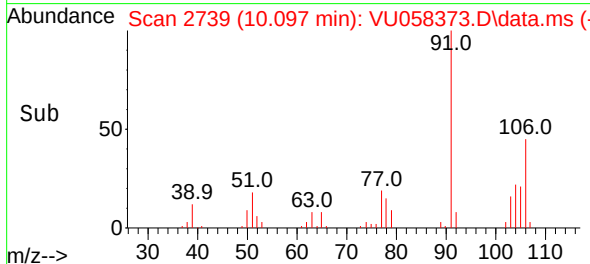
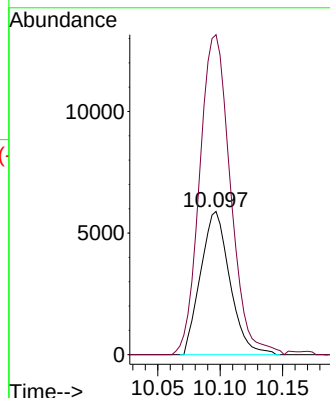
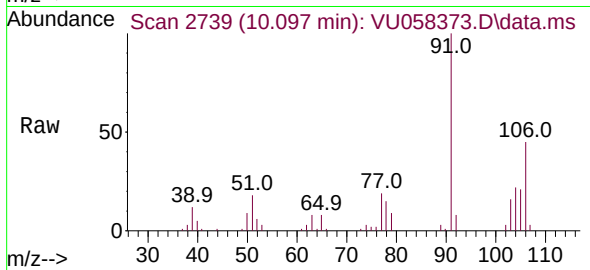
ClientSampleId :

Tgt Ion:106 Resp: 9625

Ion Ratio Lower Upper

106 100

91 223.5 156.9 291.5



#55

Styrene

Concen: 0.997 ug/L

RT: 10.113 min Scan# 2744

Delta R.T. 0.003 min

Lab File: VU058373.D

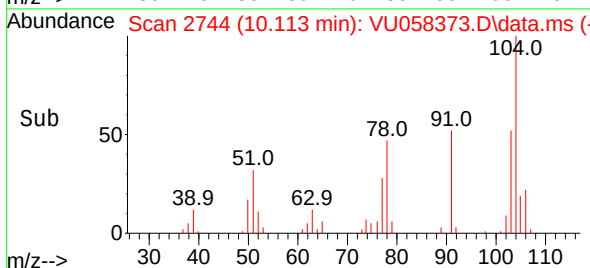
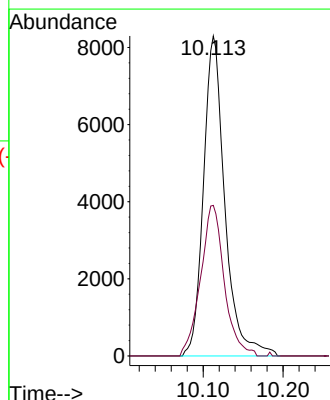
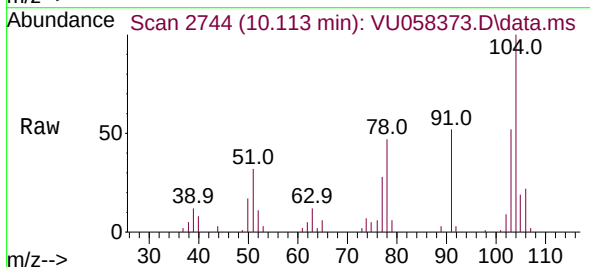
Acq: 04 Apr 2024 16:03

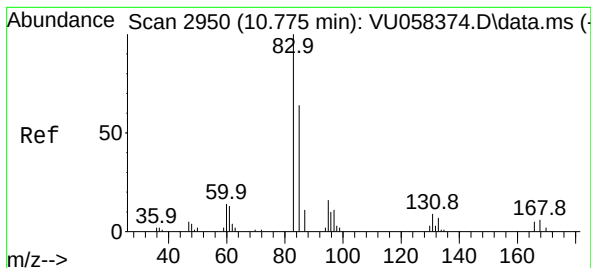
Tgt Ion:104 Resp: 15449

Ion Ratio Lower Upper

104 100

78 47.1 33.9 63.0

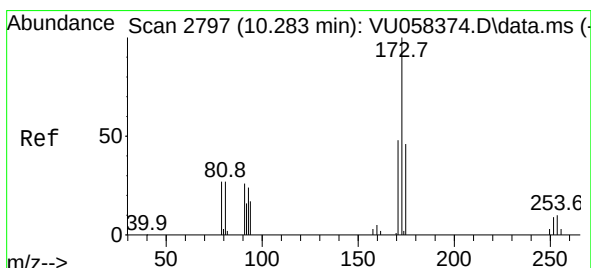
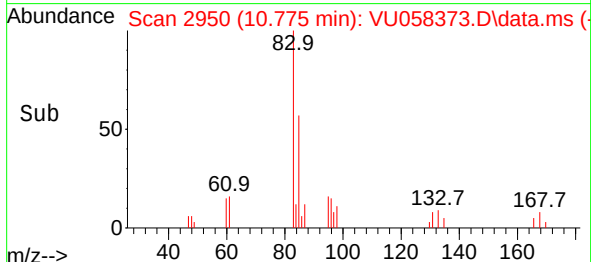
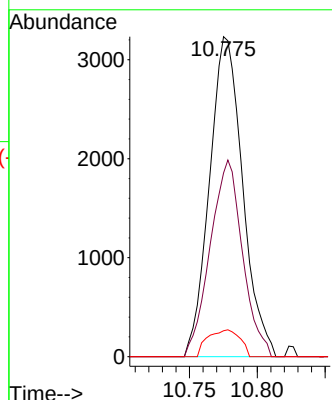
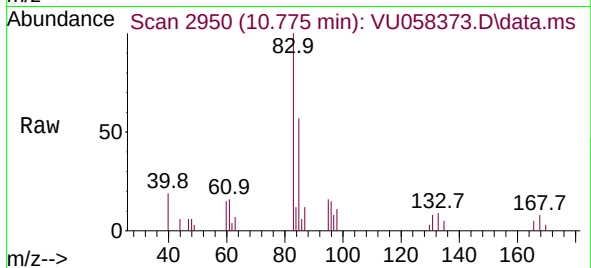




#57
1,1,2,2-Tetrachloroethane
Concen: 1.161 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU058373.D
Acq: 04 Apr 2024 16:03

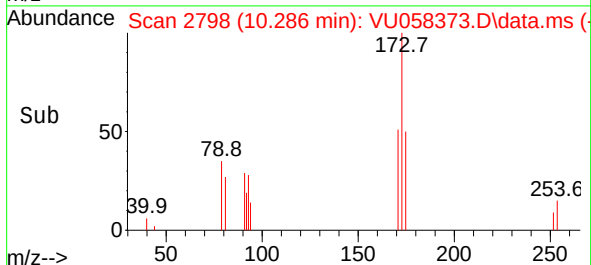
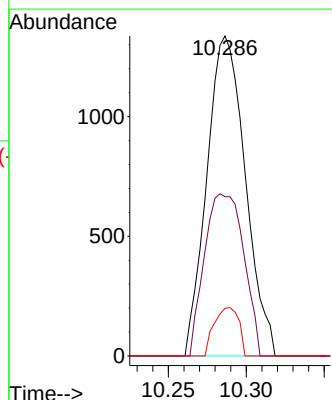
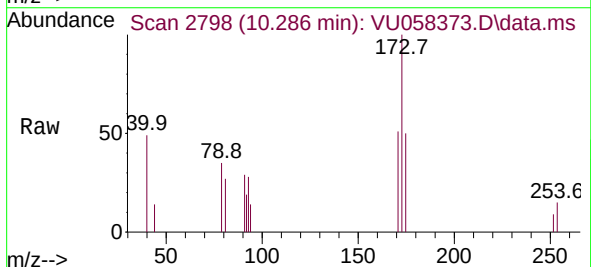
Instrument :
MSVOA_U
ClientSampleId :

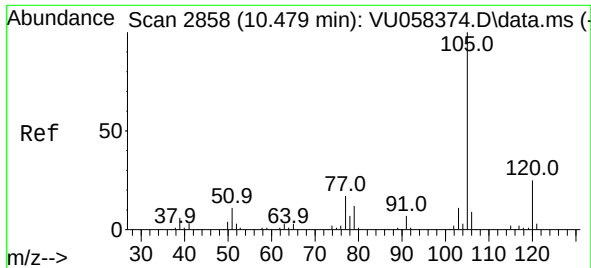
Tgt Ion: 83 Resp: 5494
Ion Ratio Lower Upper
83 100
85 57.4 45.1 83.7
131 8.1 6.9 10.3



#59
Bromoform
Concen: 1.082 ug/L
RT: 10.286 min Scan# 2798
Delta R.T. 0.003 min
Lab File: VU058373.D
Acq: 04 Apr 2024 16:03

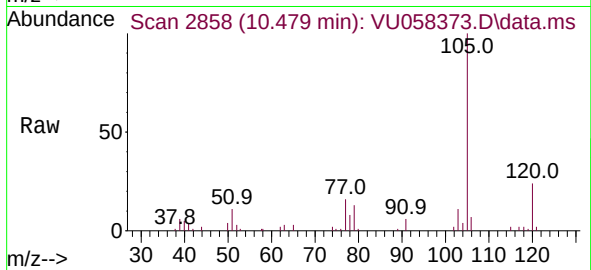
Tgt Ion: 173 Resp: 2295
Ion Ratio Lower Upper
173 100
175 51.6 38.0 57.0
254 9.6 7.5 11.3



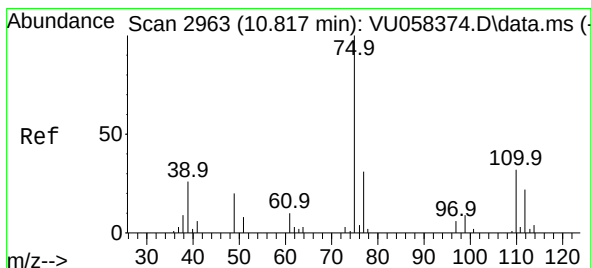
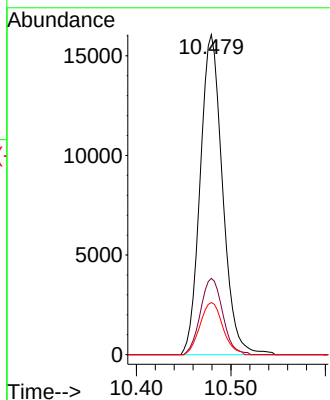
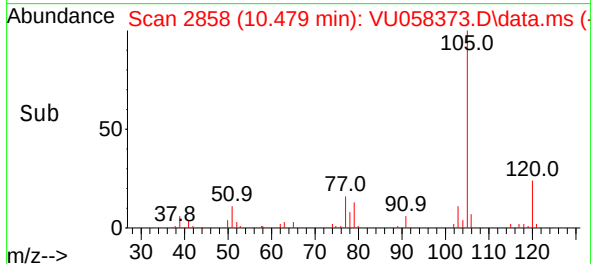


#60
Isopropylbenzene
Concen: 1.098 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VU058373.D
Acq: 04 Apr 2024 16:03

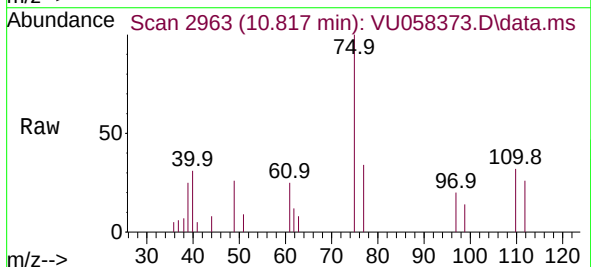
Instrument :
MSVOA_U
ClientSampleId :



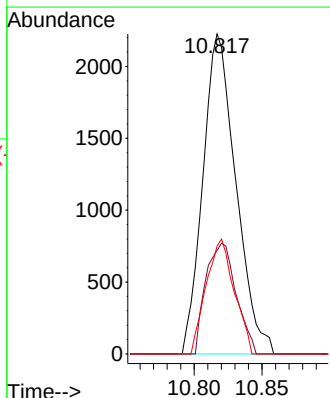
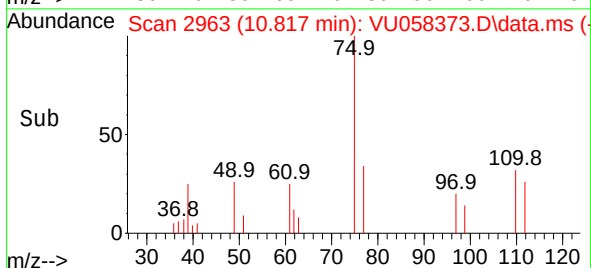
Tgt Ion:105 Resp: 26346
Ion Ratio Lower Upper
105 100
120 23.7 20.2 30.4
77 16.6 13.5 20.3

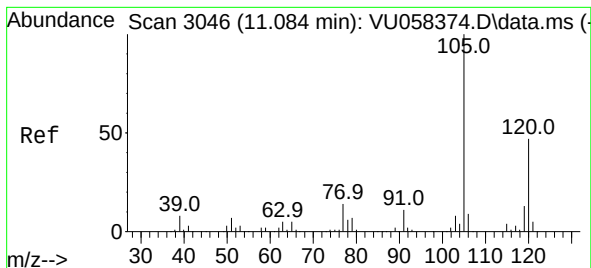


#61
1,2,3-Trichloropropane
Concen: 1.125 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. -0.000 min
Lab File: VU058373.D
Acq: 04 Apr 2024 16:03



Tgt Ion: 75 Resp: 3771
Ion Ratio Lower Upper
75 100
110 31.7 25.8 38.6
77 30.4 25.1 37.7





#62

1,3,5-Trimethylbenzene

Concen: 0.988 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. -0.000 min

Lab File: VU058373.D

Acq: 04 Apr 2024 16:03

Instrument :

MSVOA_U

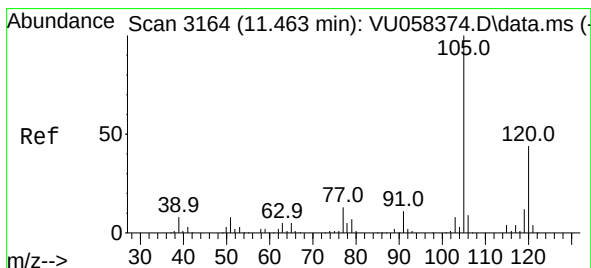
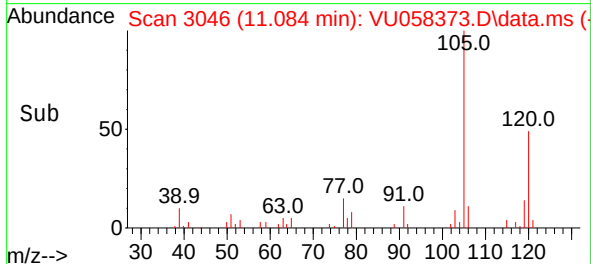
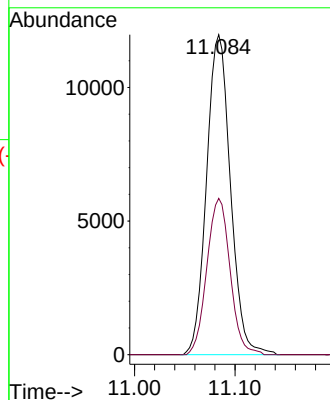
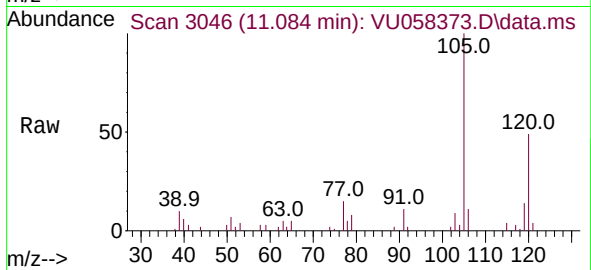
ClientSampleId :

Tgt Ion:105 Resp: 19796

Ion Ratio Lower Upper

105 100

120 47.6 37.2 55.8



#63

1,2,4-Trimethylbenzene

Concen: 0.955 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. -0.000 min

Lab File: VU058373.D

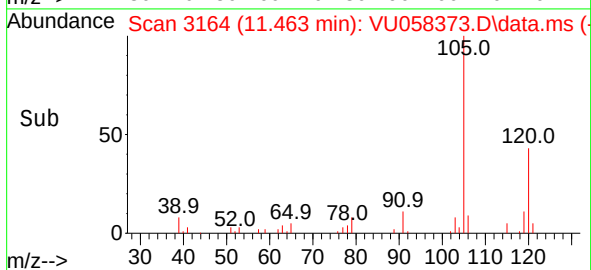
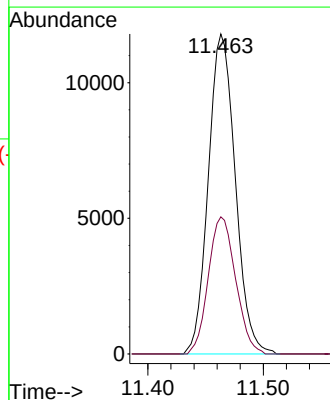
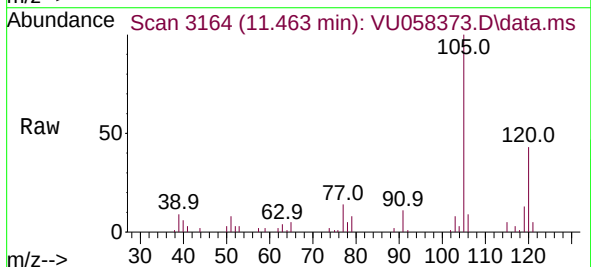
Acq: 04 Apr 2024 16:03

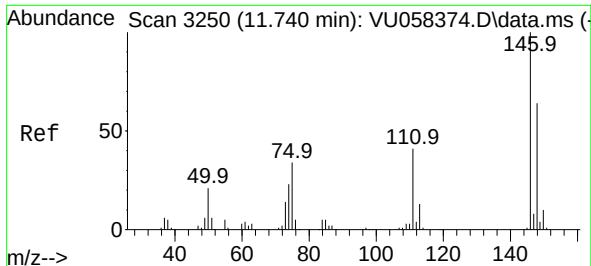
Tgt Ion:105 Resp: 19164

Ion Ratio Lower Upper

105 100

120 43.3 34.7 52.1





#64

1,3-Dichlorobenzene

Concen: 1.141 ug/L

RT: 11.743 min Scan# 3250

Delta R.T. 0.003 min

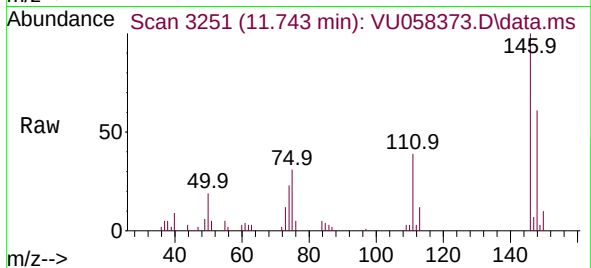
Lab File: VU058373.D

Acq: 04 Apr 2024 16:03

Instrument :

MSVOA_U

ClientSampleId :



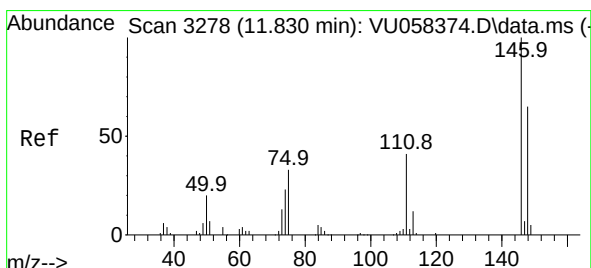
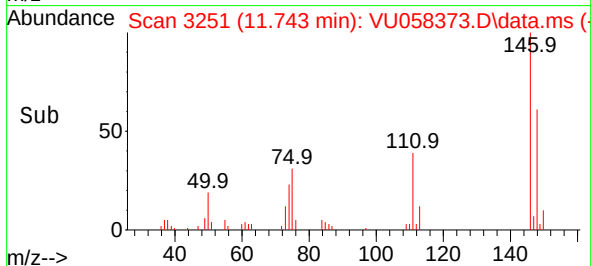
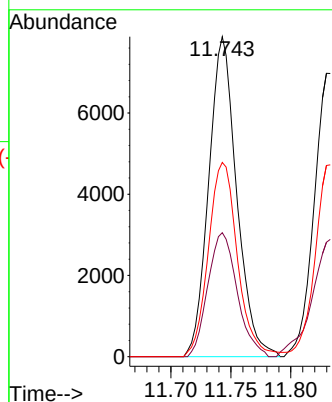
Tgt Ion:146 Resp: 12751

Ion Ratio Lower Upper

146 100

111 38.7 28.8 53.4

148 60.7 44.9 83.3



#65

1,4-Dichlorobenzene

Concen: 1.145 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. -0.000 min

Lab File: VU058373.D

Acq: 04 Apr 2024 16:03

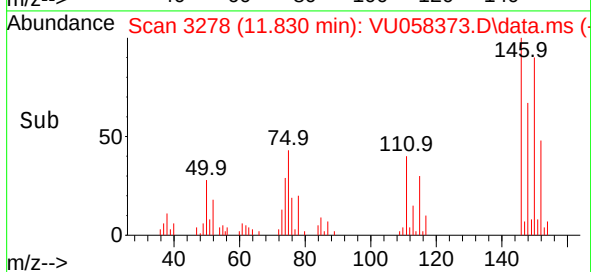
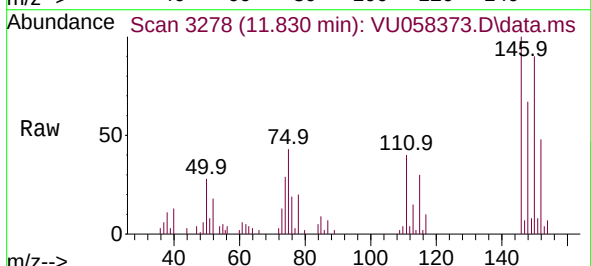
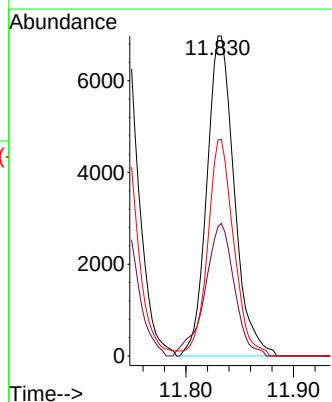
Tgt Ion:146 Resp: 12366

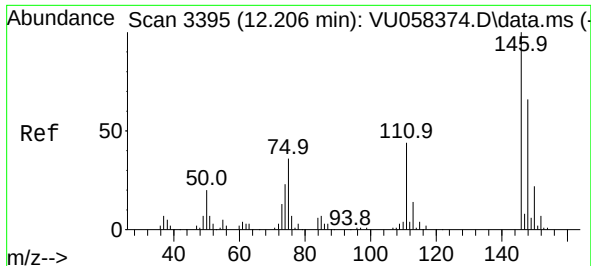
Ion Ratio Lower Upper

146 100

111 40.4 28.8 53.6

148 67.5 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 1.136 ug/L

RT: 12.209 min Scan# 3395

Delta R.T. 0.003 min

Lab File: VU058373.D

Acq: 04 Apr 2024 16:03

Instrument :

MSVOA_U

ClientSampleId :

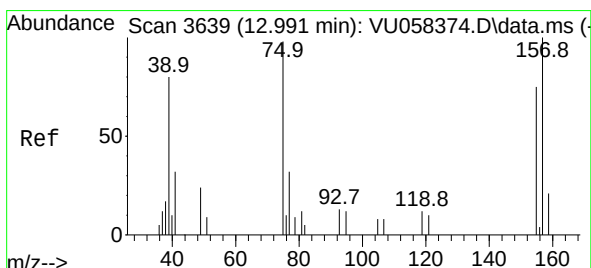
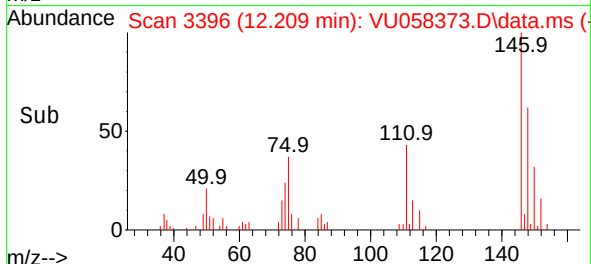
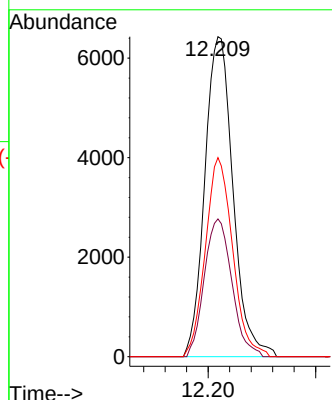
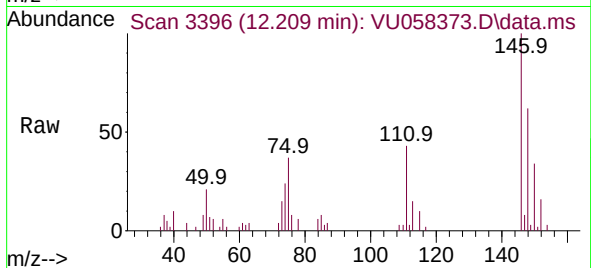
Tgt Ion:146 Resp: 11711

Ion Ratio Lower Upper

146 100

111 43.1 35.0 52.4

148 62.2 52.5 78.7



#68

1,2-Dibromo-3-chloropropane

Concen: 1.112 ug/L

RT: 13.000 min Scan# 3642

Delta R.T. 0.009 min

Lab File: VU058373.D

Acq: 04 Apr 2024 16:03

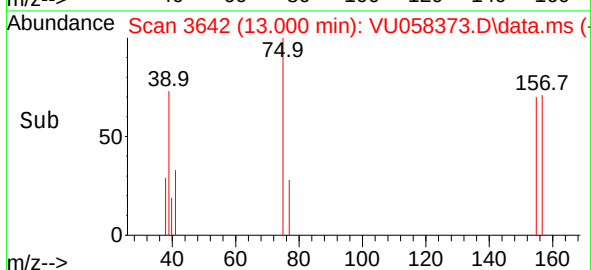
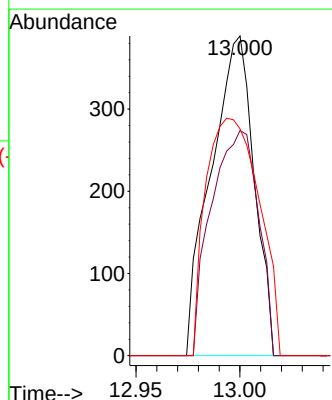
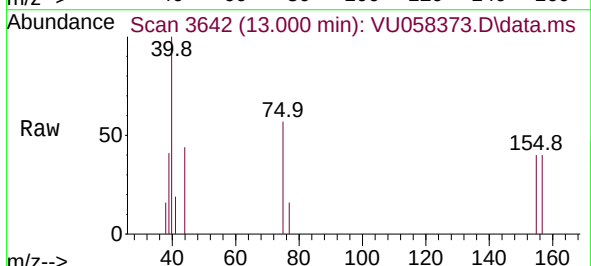
Tgt Ion: 75 Resp: 560

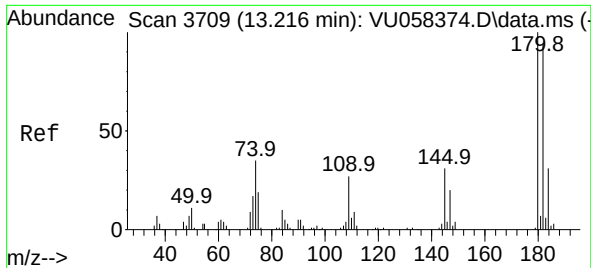
Ion Ratio Lower Upper

75 100

155 70.4 61.4 92.0

157 71.0 81.7 122.5#





#69

1,3,5-Trichlorobenzene

Concen: 1.135 ug/L

RT: 13.219 min Scan# 3709

Delta R.T. 0.003 min

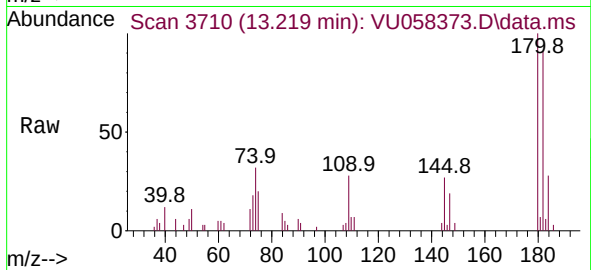
Lab File: VU058373.D

Acq: 04 Apr 2024 16:03

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 8990

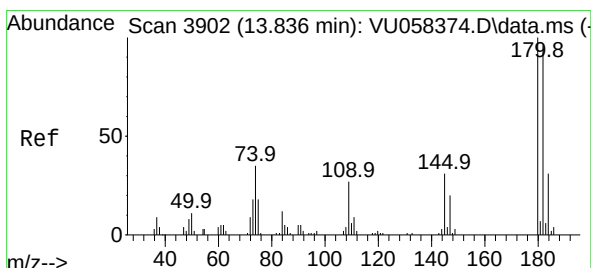
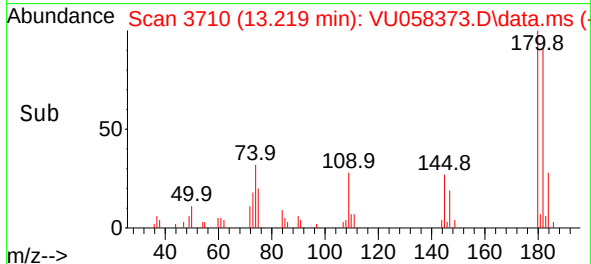
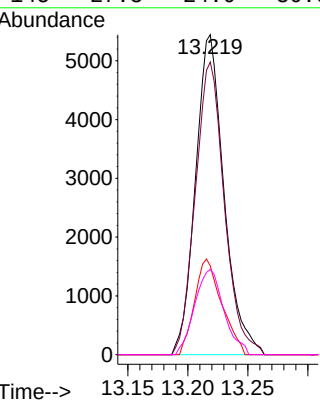
Ion Ratio Lower Upper

180 100

182 93.0 75.7 113.5

184 28.5 24.3 36.5

145 27.3 24.0 36.0



#70

1,2,4-trichlorobenzene

Concen: 1.104 ug/L

RT: 13.839 min Scan# 3903

Delta R.T. 0.003 min

Lab File: VU058373.D

Acq: 04 Apr 2024 16:03

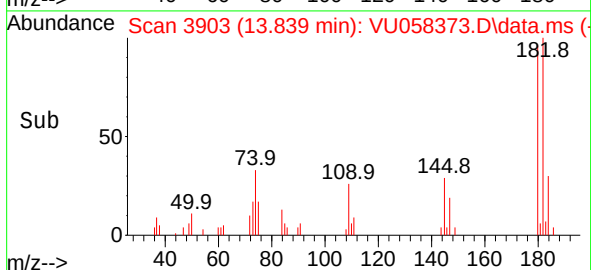
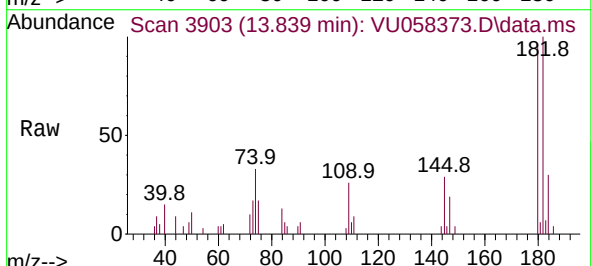
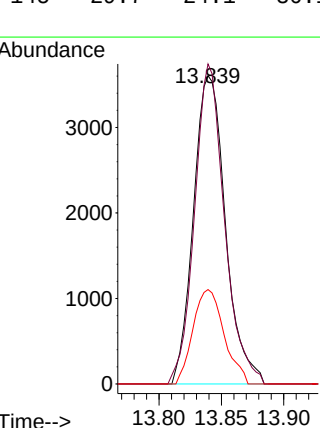
Tgt Ion:180 Resp: 6434

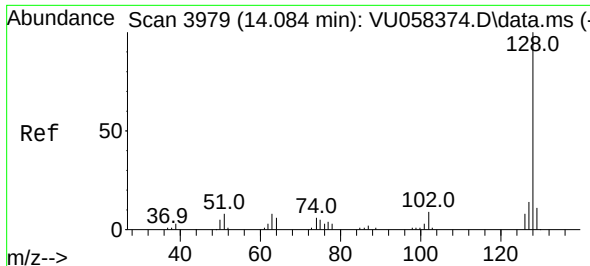
Ion Ratio Lower Upper

180 100

182 97.1 74.4 111.6

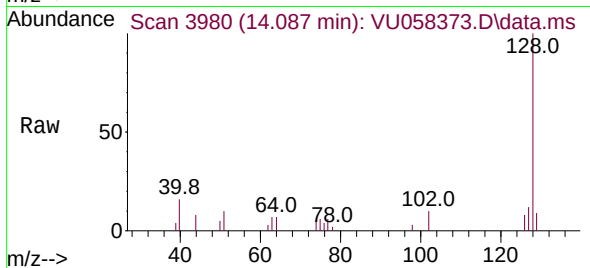
145 29.7 24.1 36.1



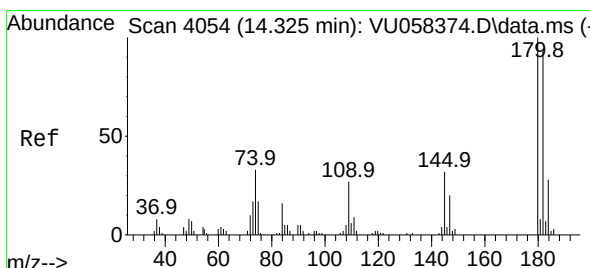
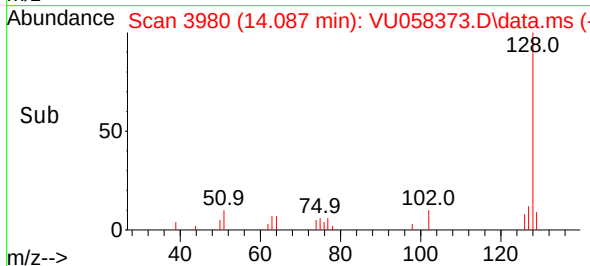
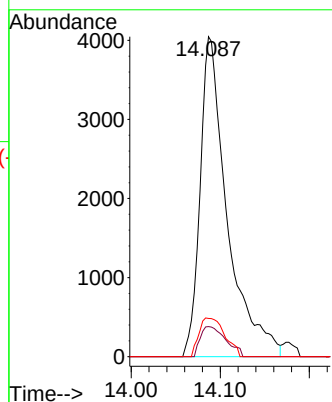


#71
Naphthalene
Concen: 1.099 ug/L
RT: 14.087 min Scan# 3979
Delta R.T. 0.003 min
Lab File: VU058373.D
Acq: 04 Apr 2024 16:03

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 8560
Ion Ratio Lower Upper
128 100
129 0.0 8.6 13.0#
127 11.5 11.0 16.6



#72
1,2,3-Trichlorobenzene
Concen: 1.203 ug/L
RT: 14.328 min Scan# 4055
Delta R.T. 0.003 min
Lab File: VU058373.D
Acq: 04 Apr 2024 16:03

Tgt Ion:180 Resp: 5746
Ion Ratio Lower Upper
180 100
182 90.3 75.9 113.9
145 30.9 25.2 37.8

