

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070224\
 Data File : VU059727.D
 Acq On : 02 Jul 2024 09:40
 Operator : MD/SY
 Sample : VSTD100
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 03 01:23:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 03 01:21:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	327002	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	318643	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	175281	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	219239	110.231	ug/L	0.00
7) Chloroethane-d5	1.904	69	178931	104.723	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	63	381216	99.113	ug/L	0.00
21) 2-Butanone-d5	4.605	46	310601	175.968	ug/L	0.00
24) Chloroform-d	5.052	84	416009	105.547	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.692	65	249145	104.190	ug/L	0.00
32) Benzene-d6	5.718	84	854967	113.678	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	263783	104.133	ug/L	0.00
41) Toluene-d8	7.891	98	824383	125.696	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.171	79	127410	121.488	ug/L	0.00
47) 2-Hexanone-d5	8.624	63	245115	213.339	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	405007	95.947	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	329330	119.759	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	195555	64.612	ug/L	99
3) Chloromethane	1.518	50	190497	54.986	ug/L	96
5) Vinyl chloride	1.602	62	225703	65.371	ug/L	100
6) Bromomethane	1.846	94	126165	48.312	ug/L	98
8) Chloroethane	1.927	64	145444	66.521	ug/L	100
9) Trichlorofluoromethane	2.133	101	316508	76.570	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	205657	84.568	ug/L	99
12) 1,1-Dichloroethene	2.573	96	187835	85.057	ug/L	95
13) Acetone	2.612	43	259753	128.272	ug/L	100
14) Carbon disulfide	2.785	76	465965	64.828	ug/L	99
15) Methyl Acetate	2.936	43	221624	69.478	ug/L	96
16) Methylene chloride	3.036	84	221087	74.283	ug/L	99
17) trans-1,2-Dichloroethene	3.345	96	195032	81.905	ug/L	99
18) Methyl tert-butyl Ether	3.351	73	639543	82.510	ug/L	99
19) 1,1-Dichloroethane	3.859	63	365382	72.830	ug/L	99
20) cis-1,2-Dichloroethene	4.657	96	235976	85.903	ug/L	98
22) 2-Butanone	4.685	43	347125	141.333	ug/L	98
23) Bromochloromethane	4.965	128	123446	88.110	ug/L	97
25) Chloroform	5.078	83	395336	80.228	ug/L	98
27) 1,2-Dichloroethane	5.785	62	293477	71.934	ug/L	99
29) Cyclohexane	5.380	56	297369	75.496	ug/L	98
30) 1,1,1-Trichloroethane	5.306	97	322165	81.596	ug/L	99
31) Carbon tetrachloride	5.515	117	267689	83.165	ug/L	100
33) Benzene	5.766	78	851437	78.316	ug/L	100
34) Trichloroethene	6.534	95	226157	84.142	ug/L	98
35) Methylcyclohexane	6.756	83	335403	85.954	ug/L	99
37) 1,2-Dichloropropane	6.782	63	231172	75.305	ug/L	98
38) Bromodichloromethane	7.097	83	298235	81.964	ug/L	99
39) cis-1,3-Dichloropropene	7.599	75	373398	86.604	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	618552	155.072	ug/L	99
42) Toluene	7.962	91	951273	86.269	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	340215	87.398	ug/L	98

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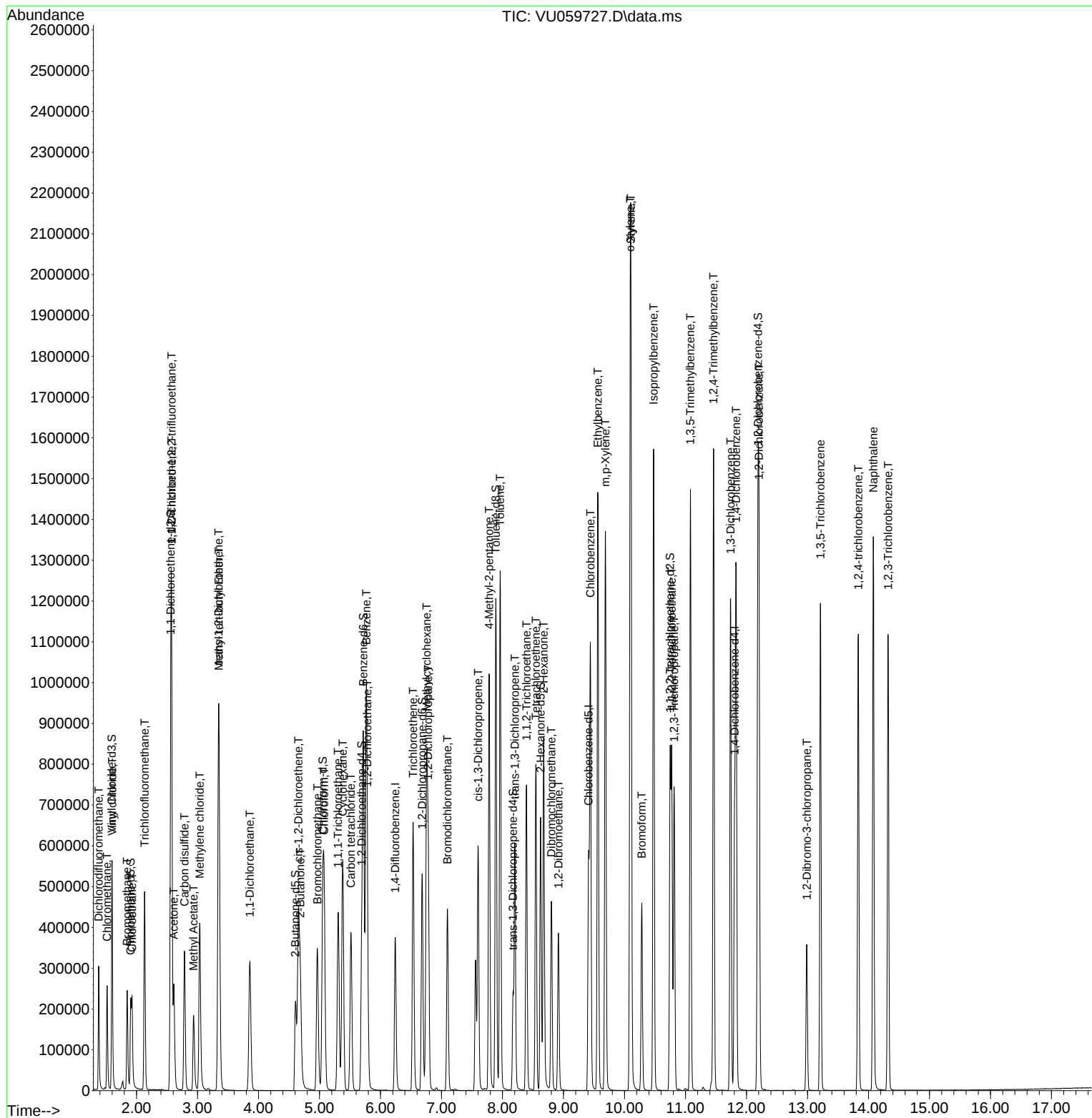
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.393	97	241670	85.526	ug/L	100
46) Tetrachloroethene	8.547	164	183855	98.733	ug/L	98
48) 2-Hexanone	8.676	43	507016	150.525	ug/L	99
49) Dibromochloromethane	8.801	129	245803	94.870	ug/L	98
50) 1,2-Dibromoethane	8.917	107	256084	87.433	ug/L	99
51) Chlorobenzene	9.441	112	613142	90.551	ug/L	99
52) Ethylbenzene	9.563	91	1039183	91.088	ug/L	99
53) m,p-Xylene	9.688	106	403716	95.546	ug/L	99
54) o-Xylene	10.094	106	397556	96.932	ug/L	100
55) Styrene	10.106	104	684786	98.357	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	413306	80.828	ug/L	99
59) Bromoform	10.283	173	206767	91.272	ug/L	100
60) 1,2,3-Trichloropropane	10.814	75	309863	67.801	ug/L	99
61) Isopropylbenzene	10.476	105	1048367	88.825	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	797439	93.244	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	873280	94.802	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	529783	94.060	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	535426	92.119	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	521538	89.400	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.987	75	90384	77.929	ug/L	99
69) 1,3,5-Trichlorobenzene	13.212	180	391350	104.118	ug/L	100
70) 1,2,4-trichlorobenzene	13.833	180	363491	118.204	ug/L	100
71) Naphthalene	14.081	128	1116077	114.651	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	361026	115.821	ug/L	99

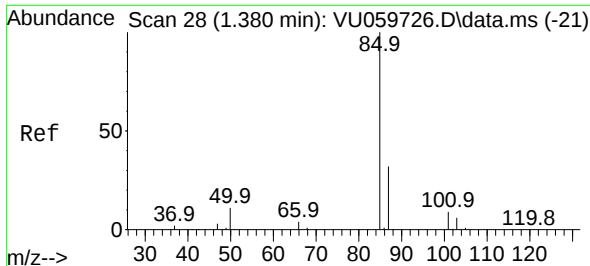
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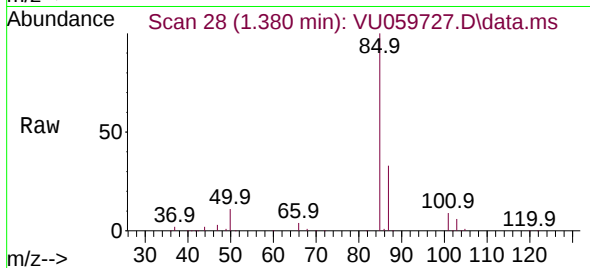
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
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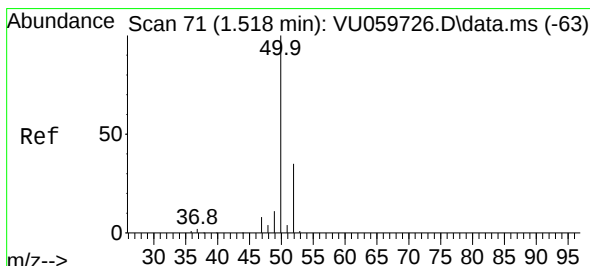
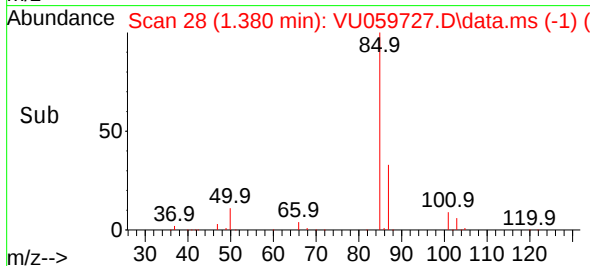
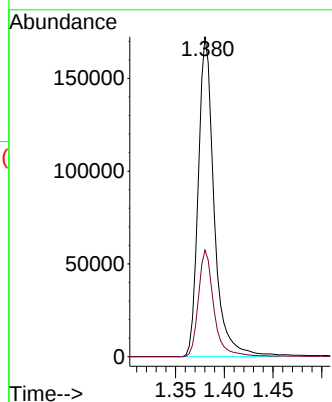


#2
 Dichlorodifluoromethane
 Concen: 64.612 ug/L
 RT: 1.380 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VU059727.D
 Acq: 02 Jul 2024 09:40

Instrument :
 MSVOA_U
 ClientSampleId :

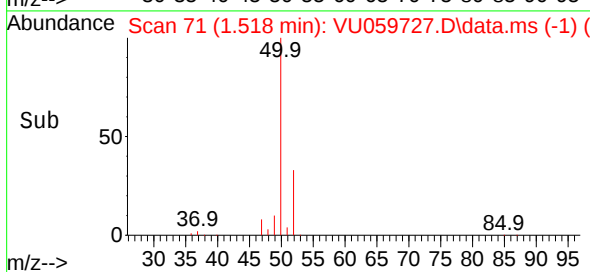
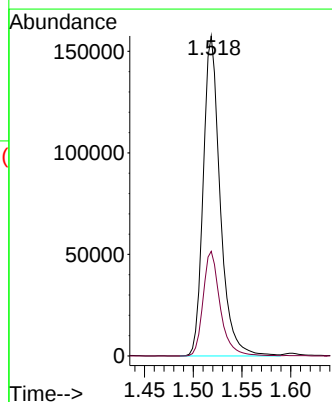
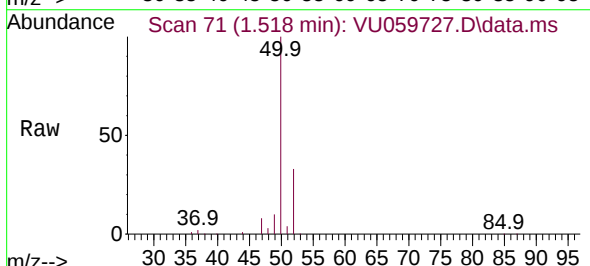


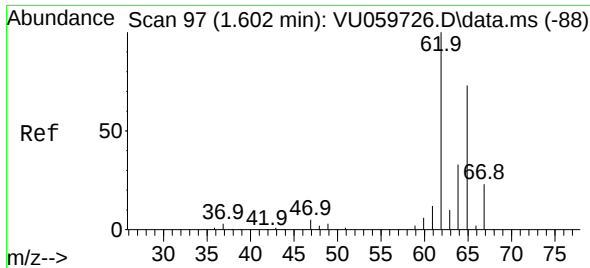
Tgt Ion: 85 Resp: 195555
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.4 38.2



#3
 Chloromethane
 Concen: 54.986 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU059727.D
 Acq: 02 Jul 2024 09:40

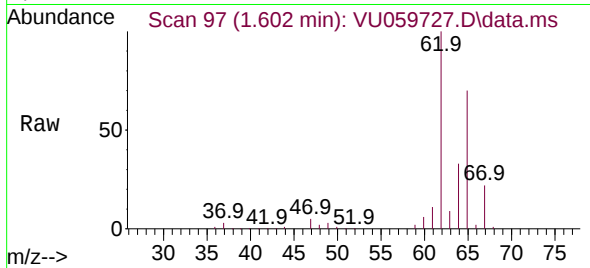
Tgt Ion: 50 Resp: 190497
 Ion Ratio Lower Upper
 50 100
 52 32.7 24.5 45.5



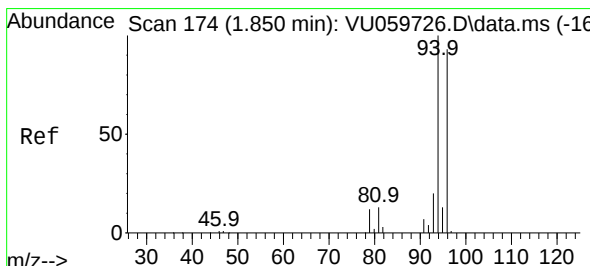
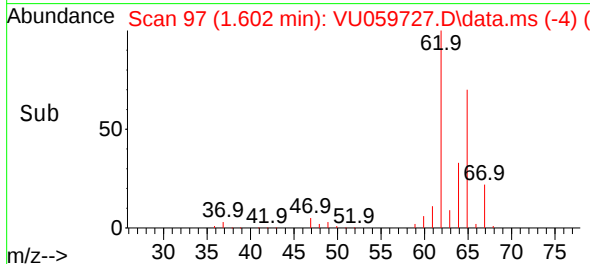
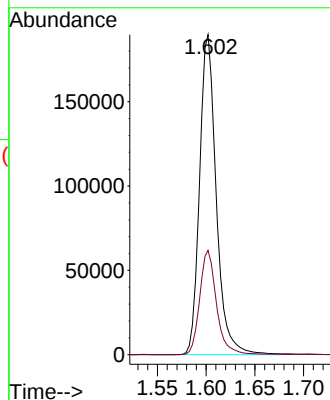


#5
 Vinyl chloride
 Concen: 65.371 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU059727.D
 Acq: 02 Jul 2024 09:40

Instrument :
 MSVOA_U
 ClientSampleId :

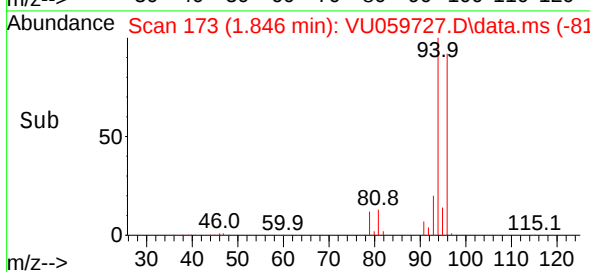
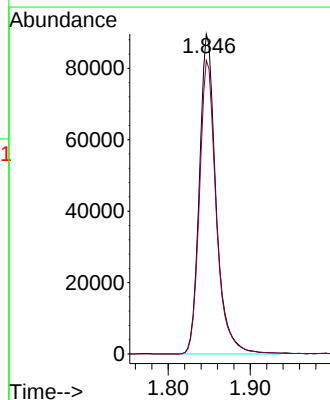
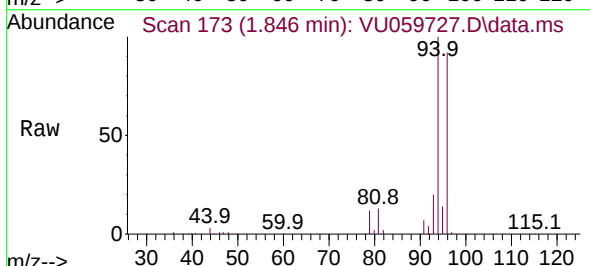


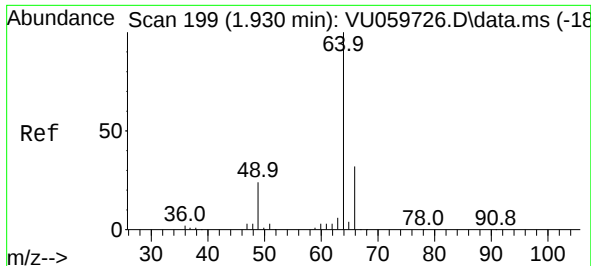
Tgt Ion: 62 Resp: 225703
 Ion Ratio Lower Upper
 62 100
 64 32.6 22.9 42.5



#6
 Bromomethane
 Concen: 48.312 ug/L
 RT: 1.846 min Scan# 173
 Delta R.T. -0.003 min
 Lab File: VU059727.D
 Acq: 02 Jul 2024 09:40

Tgt Ion: 94 Resp: 126165
 Ion Ratio Lower Upper
 94 100
 96 91.8 65.2 121.2

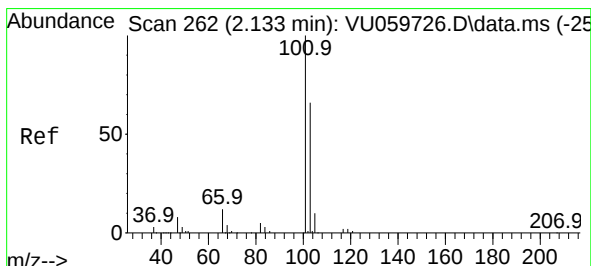
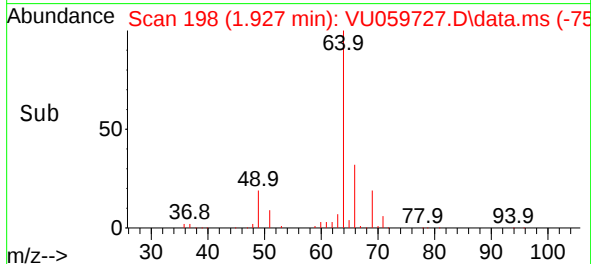
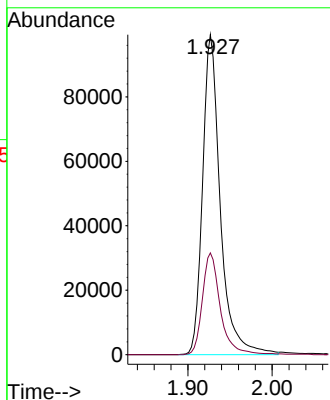
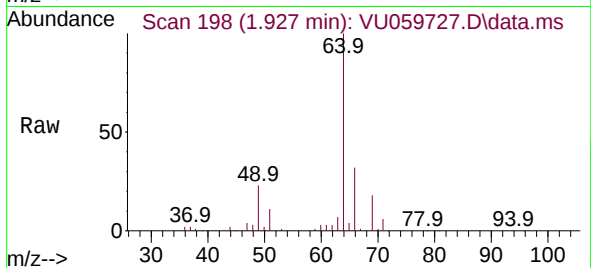




#8
Chloroethane
Concen: 66.521 ug/L
RT: 1.927 min Scan# 198
Delta R.T. -0.003 min
Lab File: VU059727.D
Acq: 02 Jul 2024 09:40

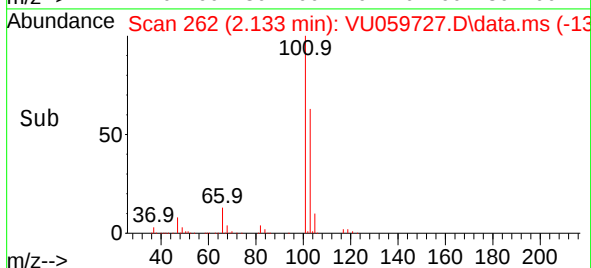
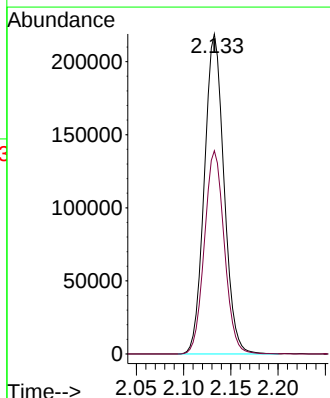
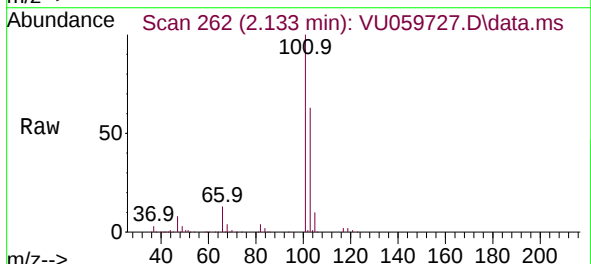
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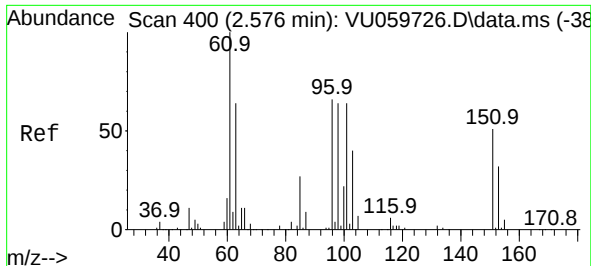
Tgt Ion: 64 Resp: 145444
Ion Ratio Lower Upper
64 100
66 31.8 22.3 41.3



#9
Trichlorofluoromethane
Concen: 76.570 ug/L
RT: 2.133 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU059727.D
Acq: 02 Jul 2024 09:40

Tgt Ion:101 Resp: 316508
Ion Ratio Lower Upper
101 100
103 64.2 52.3 78.5

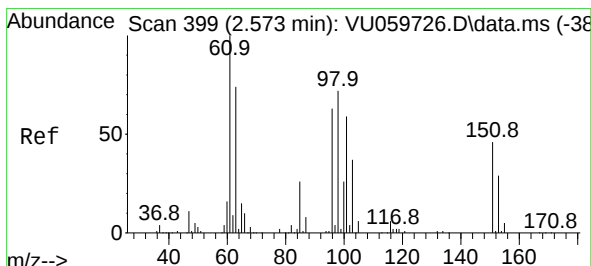
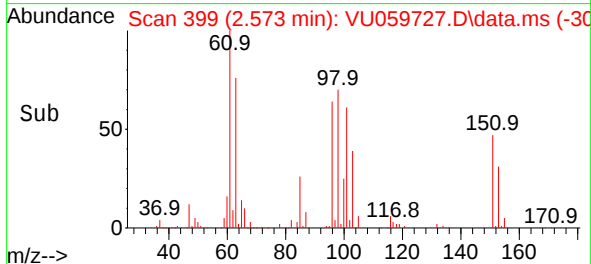
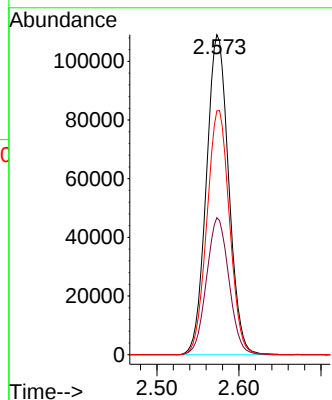
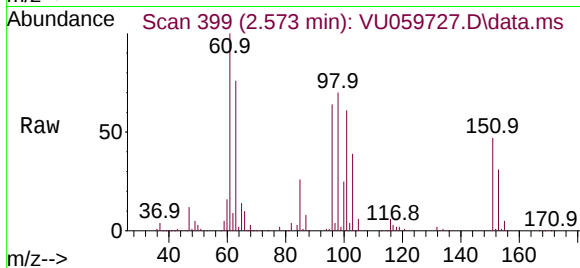




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 84.568 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU059727.D
Acq: 02 Jul 2024 09:40

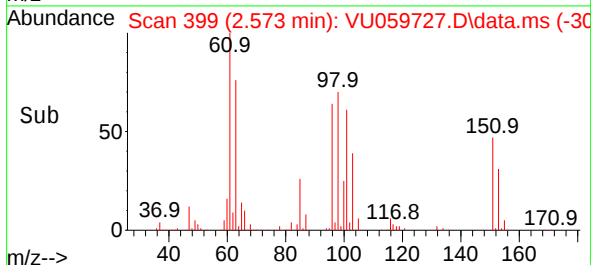
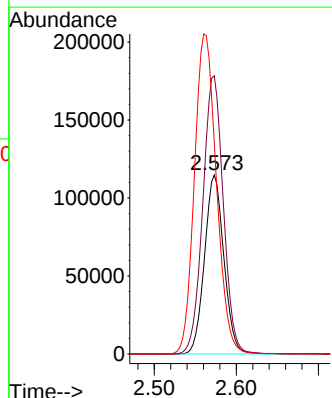
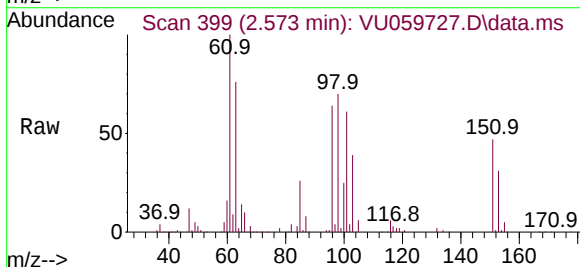
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MSVOA_U
ClientSampleId :

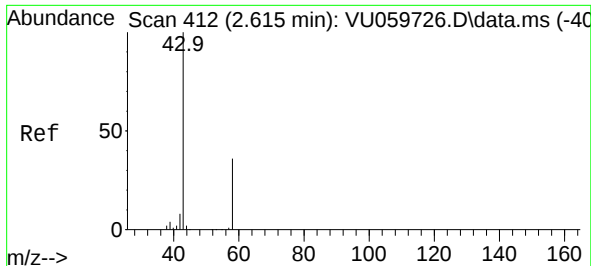
Tgt Ion:101 Resp: 205657
Ion Ratio Lower Upper
101 100
85 43.1 34.8 52.2
151 77.5 62.3 93.5



#12
1,1-Dichloroethene
Concen: 85.057 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU059727.D
Acq: 02 Jul 2024 09:40

Tgt Ion: 96 Resp: 187835
Ion Ratio Lower Upper
96 100
61 155.4 112.2 208.4
63 118.1 87.4 162.2





#13

Acetone

Concen: 128.272 ug/L

RT: 2.612 min Scan# 411

Delta R.T. -0.003 min

Lab File: VU059727.D

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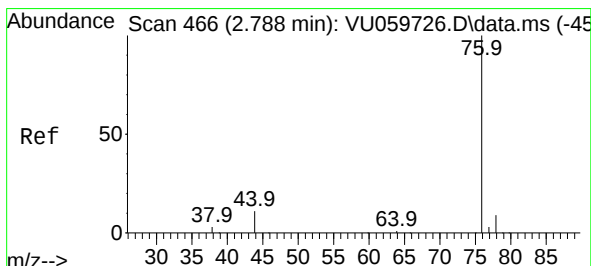
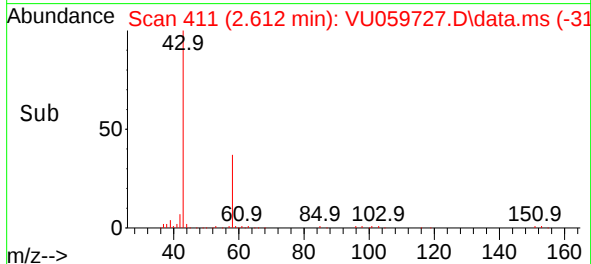
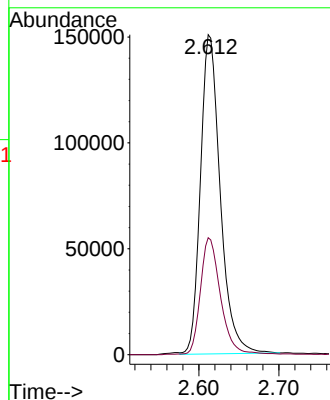
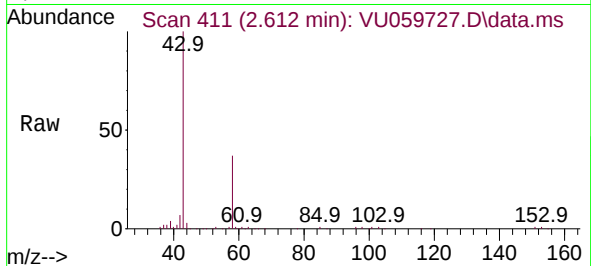
ClientSampleId :

Tgt Ion: 43 Resp: 259753

Ion Ratio Lower Upper

43 100

58 36.8 0.0 73.8



#14

Carbon disulfide

Concen: 64.828 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.003 min

Lab File: VU059727.D

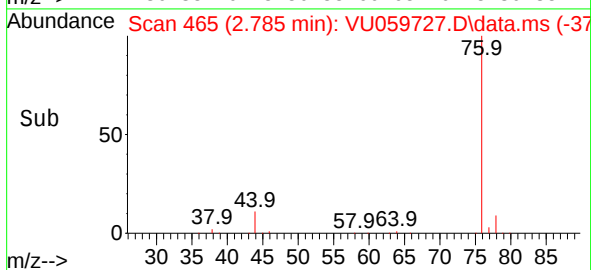
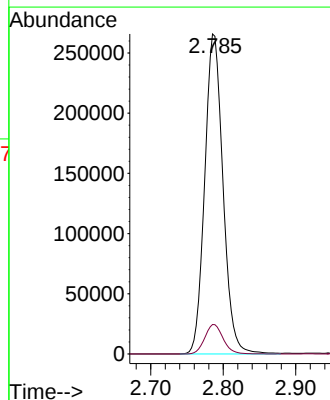
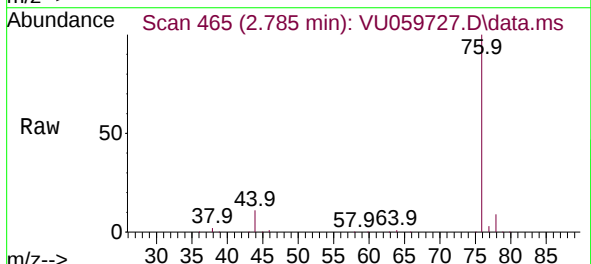
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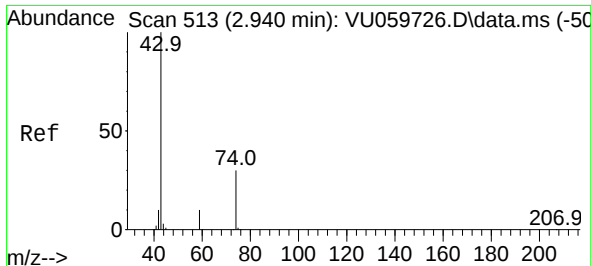
Tgt Ion: 76 Resp: 465965

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.4





#15

Methyl Acetate

Concen: 69.478 ug/L

RT: 2.936 min Scan# 51

Delta R.T. -0.003 min

Lab File: VU059727.D

Acq: 02 Jul 2024 09:40

Instrument :

MSVOA_U

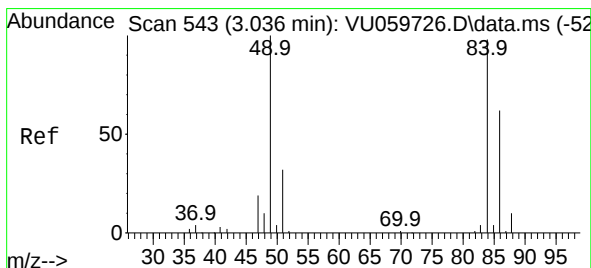
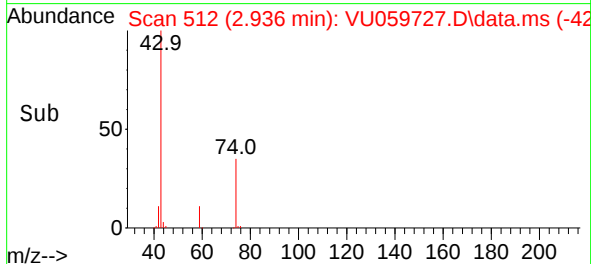
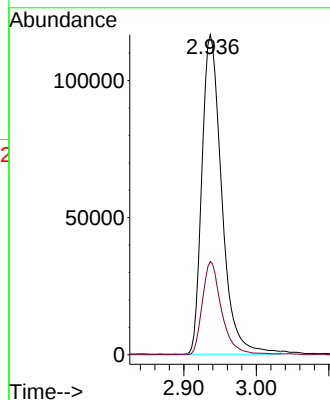
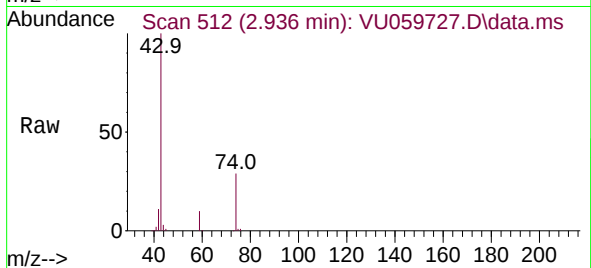
ClientSampleId :

Tgt Ion: 43 Resp: 221624

Ion Ratio Lower Upper

43 100

74 28.2 24.1 36.1



#16

Methylene chloride

Concen: 74.283 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.000 min

Lab File: VU059727.D

Acq: 02 Jul 2024 09:40

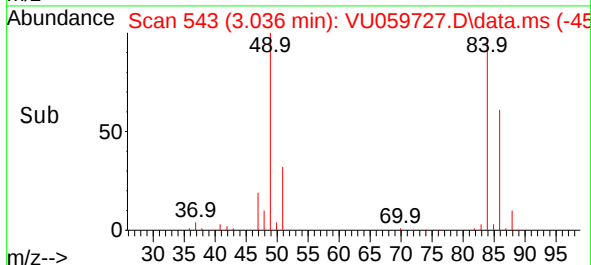
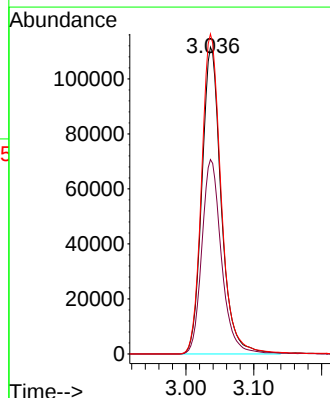
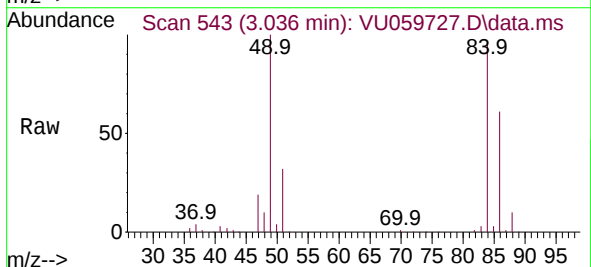
Tgt Ion: 84 Resp: 221087

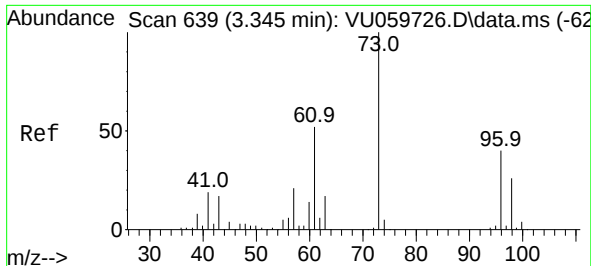
Ion Ratio Lower Upper

84 100

86 63.4 44.7 83.1

49 104.3 71.6 133.0





#17

trans-1,2-Dichloroethene

Concen: 81.905 ug/L

RT: 3.345 min Scan# 639

Delta R.T. -0.000 min

Lab File: VU059727.D

Acq: 02 Jul 2024 09:40

Instrument :

MSVOA_U

ClientSampleId :

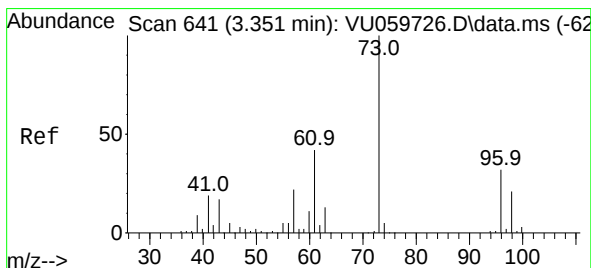
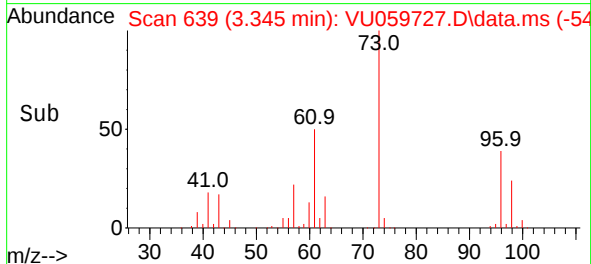
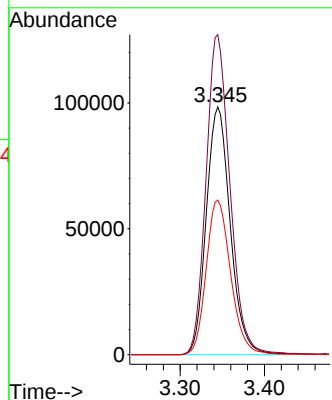
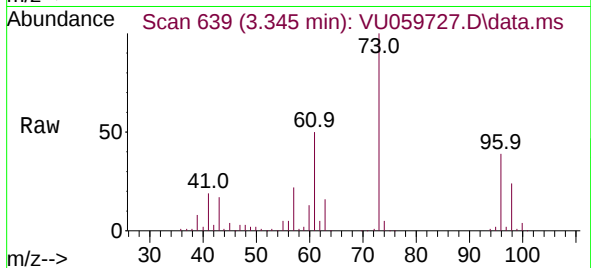
Tgt Ion: 96 Resp: 195032

Ion Ratio Lower Upper

96 100

61 129.1 90.6 168.3

98 62.4 44.9 83.3



#18

Methyl tert-butyl Ether

Concen: 82.510 ug/L

RT: 3.351 min Scan# 641

Delta R.T. -0.000 min

Lab File: VU059727.D

Acq: 02 Jul 2024 09:40

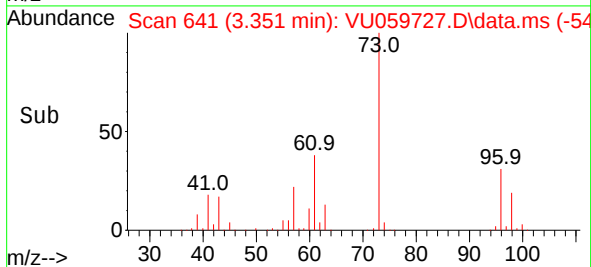
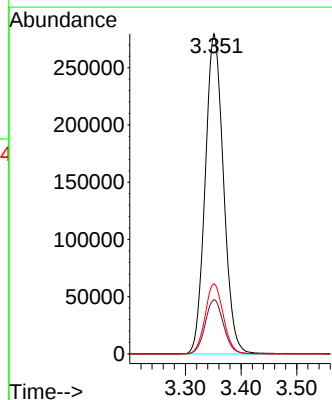
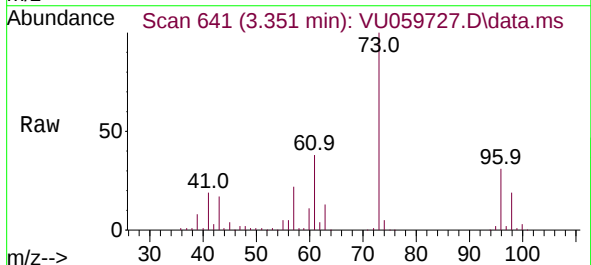
Tgt Ion: 73 Resp: 639543

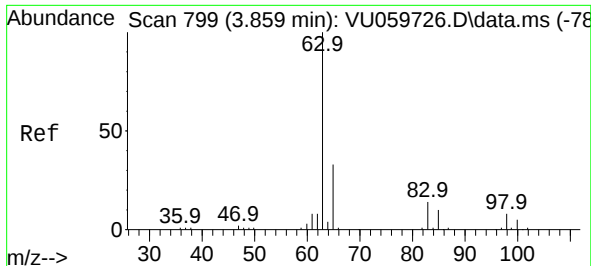
Ion Ratio Lower Upper

73 100

43 17.0 14.1 21.1

57 21.9 17.1 25.7





#19

1,1-Dichloroethane

Concen: 72.830 ug/L

RT: 3.859 min Scan# 799

Delta R.T. -0.000 min

Lab File: VU059727.D

Acq: 02 Jul 2024 09:40

Instrument :

MSVOA_U

ClientSampleId :

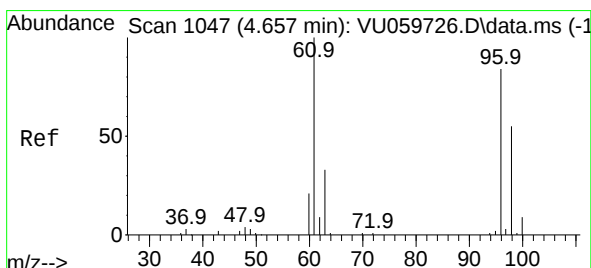
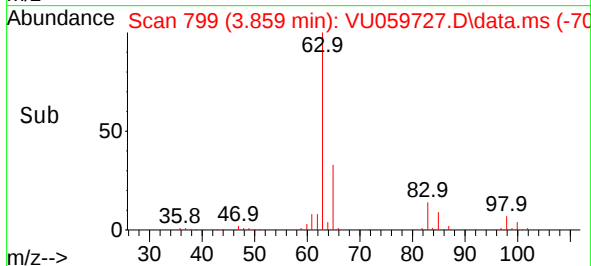
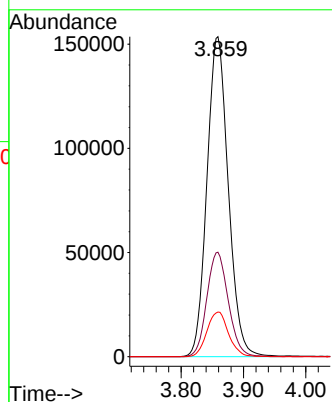
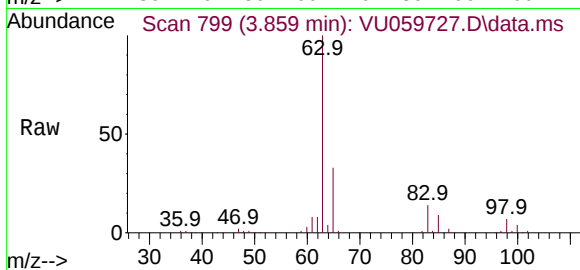
Tgt Ion: 63 Resp: 365382

Ion Ratio Lower Upper

63 100

65 32.7 23.3 43.3

83 14.0 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 85.903 ug/L

RT: 4.657 min Scan# 1047

Delta R.T. -0.000 min

Lab File: VU059727.D

Acq: 02 Jul 2024 09:40

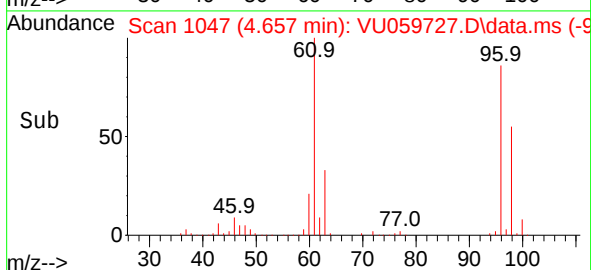
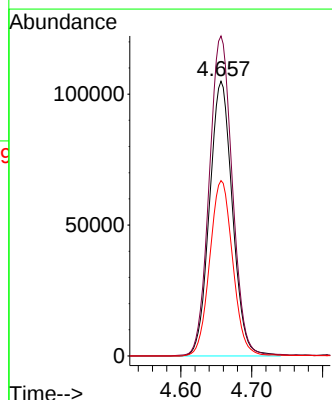
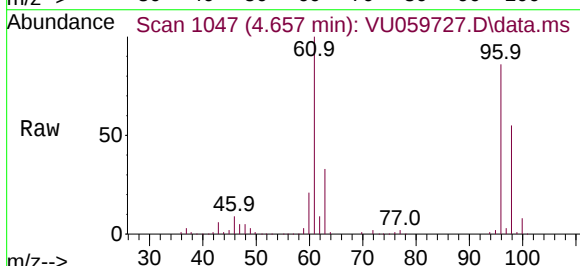
Tgt Ion: 96 Resp: 235976

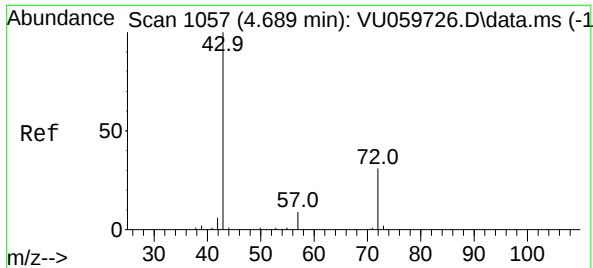
Ion Ratio Lower Upper

96 100

61 116.5 83.2 154.4

98 63.8 45.9 85.3

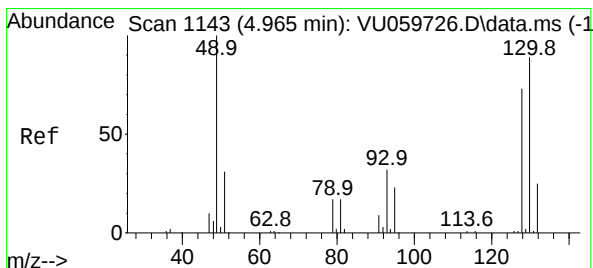
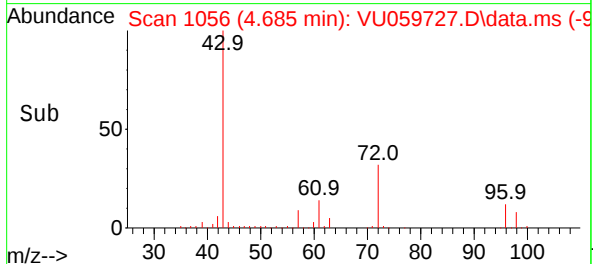
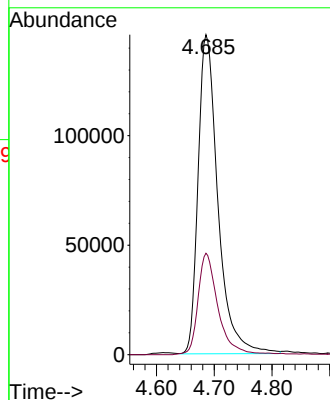
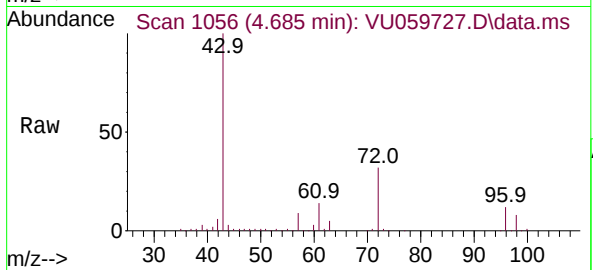




#22
2-Butanone
Concen: 141.333 ug/L
RT: 4.685 min Scan# 1056
Delta R.T. -0.003 min
Lab File: VU059727.D
Acq: 02 Jul 2024 09:40

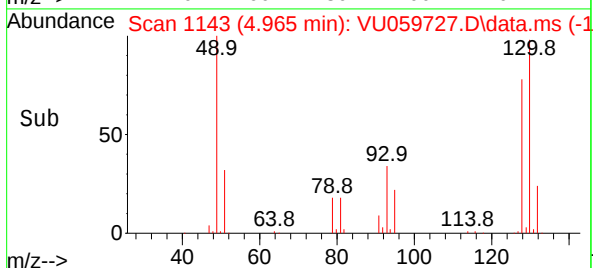
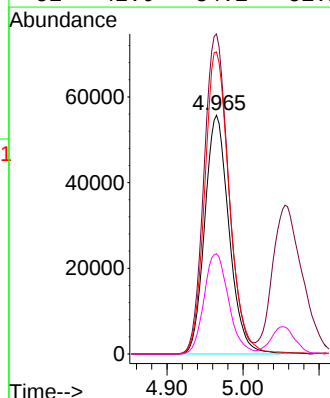
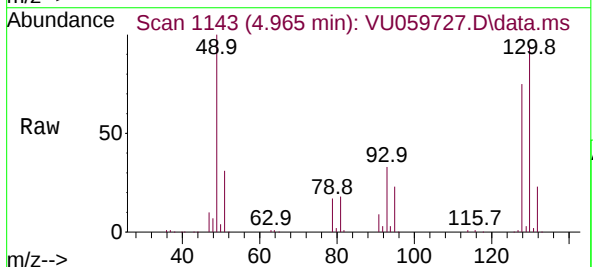
Instrument :
MSVOA_U
ClientSampleId :

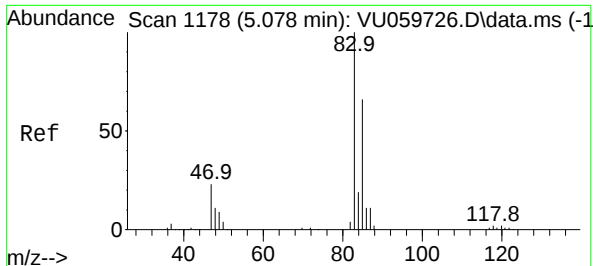
Tgt Ion: 43 Resp: 347125
Ion Ratio Lower Upper
43 100
72 31.9 16.4 49.2



#23
Bromochloromethane
Concen: 88.110 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VU059727.D
Acq: 02 Jul 2024 09:40

Tgt Ion:128 Resp: 123446
Ion Ratio Lower Upper
128 100
49 134.0 96.7 179.7
130 126.5 86.3 160.3
51 42.0 34.1 51.1





#25

Chloroform

Concen: 80.228 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU059727.D

Acq: 02 Jul 2024 09:40

Instrument :

MSVOA_U

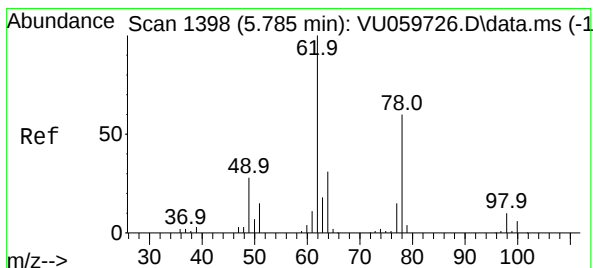
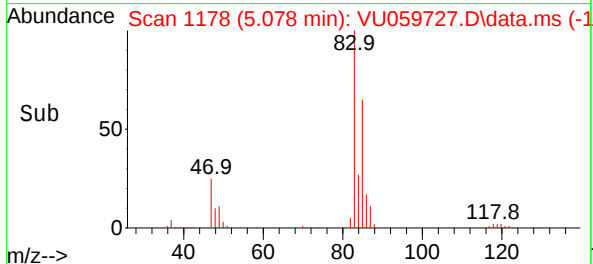
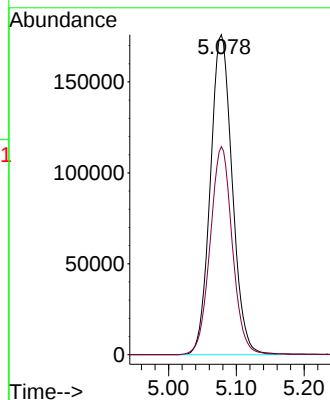
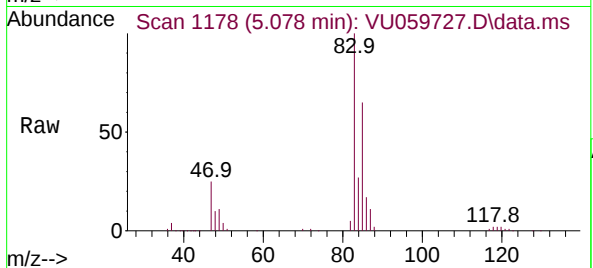
ClientSampleId :

Tgt Ion: 83 Resp: 395336

Ion Ratio Lower Upper

83 100

85 65.0 46.7 86.7



#27

1,2-Dichloroethane

Concen: 71.934 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VU059727.D

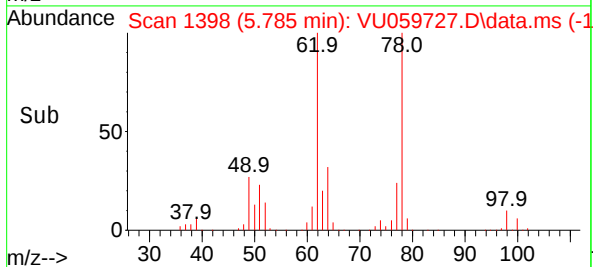
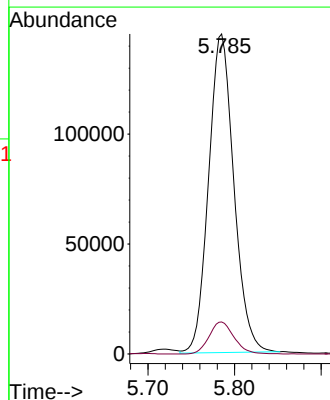
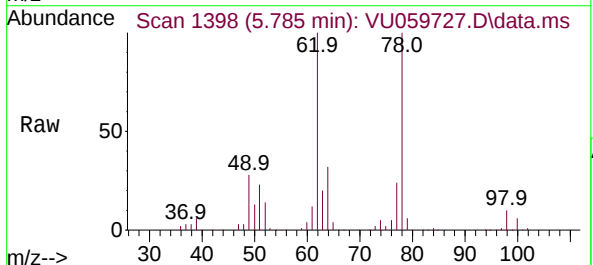
Acq: 02 Jul 2024 09:40

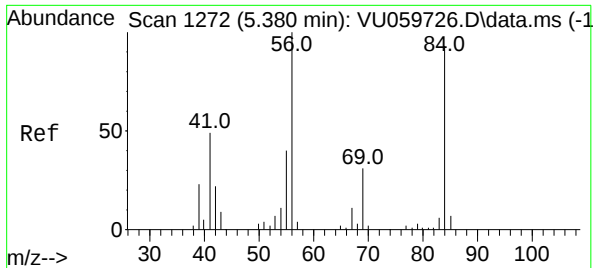
Tgt Ion: 62 Resp: 293477

Ion Ratio Lower Upper

62 100

98 10.0 7.8 11.8

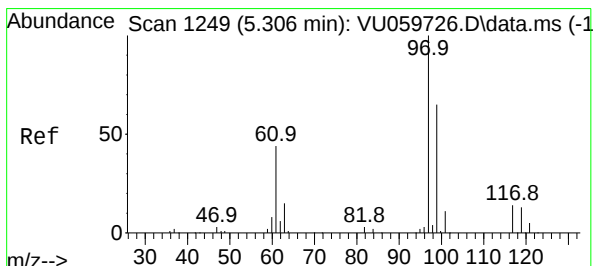
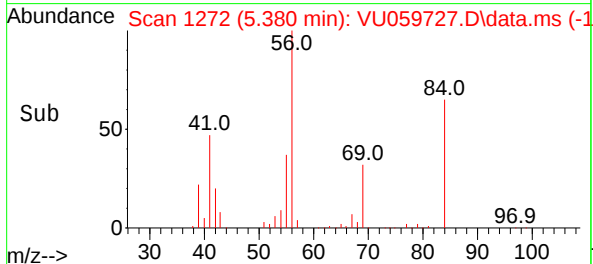
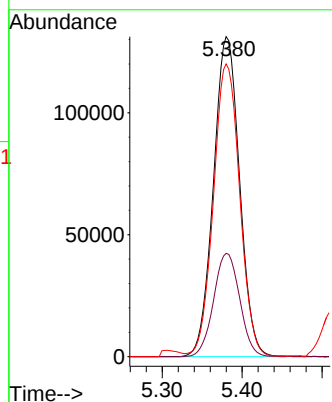
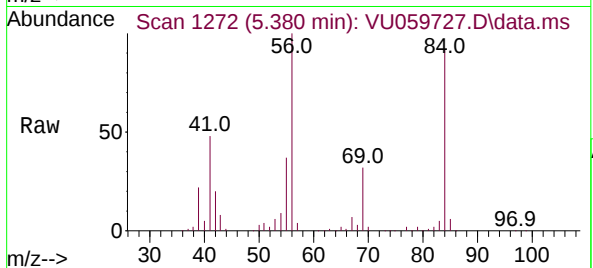




#29
Cyclohexane
Concen: 75.496 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VU059727.D
Acq: 02 Jul 2024 09:40

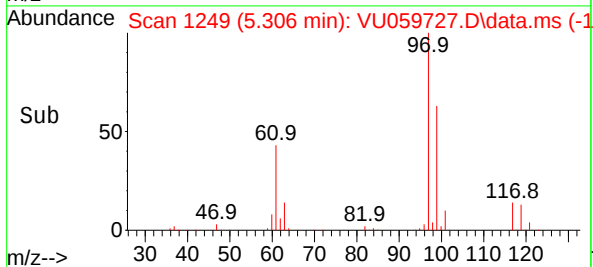
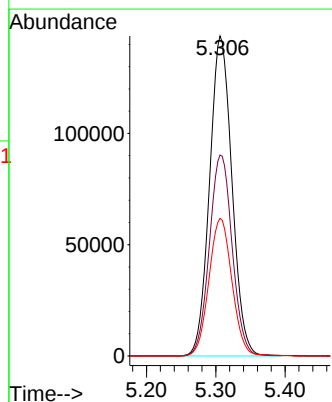
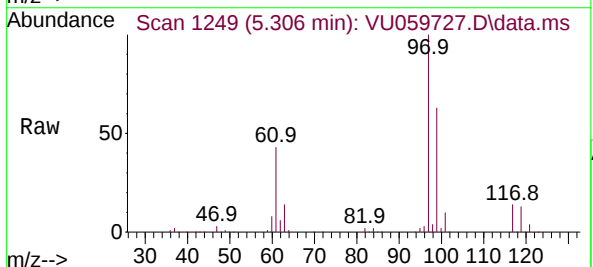
Instrument :
MSVOA_U
ClientSampleId :

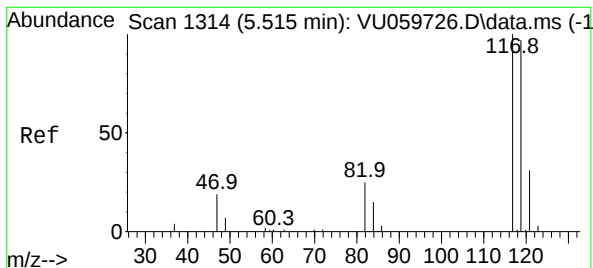
Tgt Ion:	56	Resp:	297369
Ion	Ratio	Lower	Upper
56	100		
69	32.2	26.0	39.0
84	92.1	75.5	113.3



#30
1,1,1-Trichloroethane
Concen: 81.596 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU059727.D
Acq: 02 Jul 2024 09:40

Tgt Ion:	97	Resp:	322165
Ion	Ratio	Lower	Upper
97	100		
99	64.1	52.2	78.2
61	44.1	35.2	52.8





#31

Carbon tetrachloride

Concen: 83.165 ug/L

RT: 5.515 min Scan# 1314

Delta R.T. -0.000 min

Lab File: VU059727.D

Acq: 02 Jul 2024 09:40

Instrument :

MSVOA_U

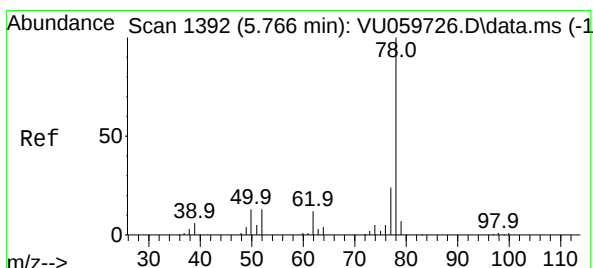
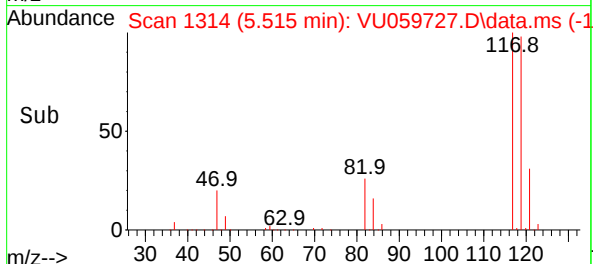
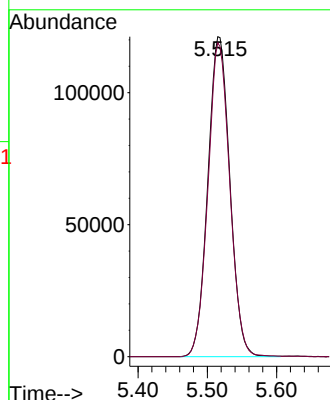
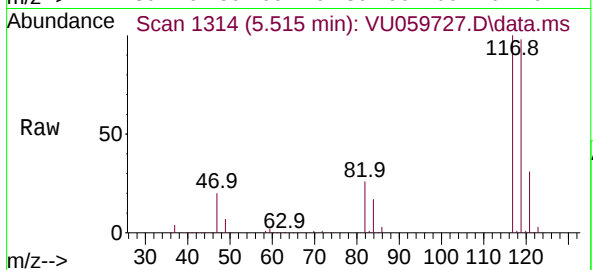
ClientSampleId :

Tgt Ion:117 Resp: 267689

Ion Ratio Lower Upper

117 100

119 97.2 77.6 116.4



#33

Benzene

Concen: 78.316 ug/L

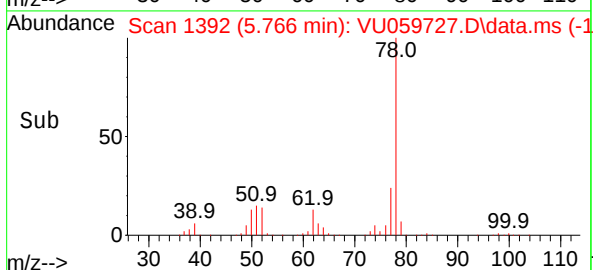
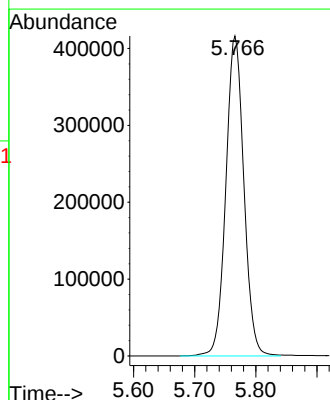
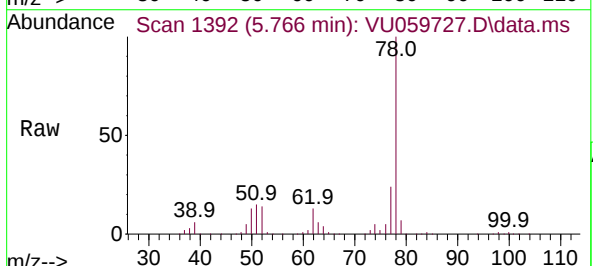
RT: 5.766 min Scan# 1392

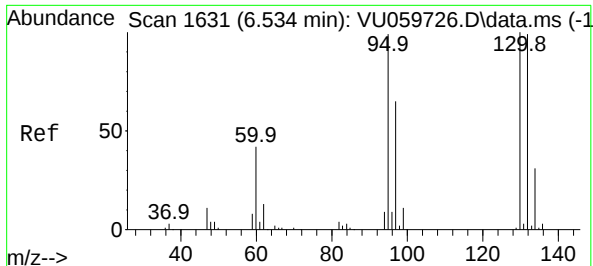
Delta R.T. -0.000 min

Lab File: VU059727.D

Acq: 02 Jul 2024 09:40

Tgt Ion: 78 Resp: 851437





#34

Trichloroethene

Concen: 84.142 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU059727.D

Acq: 02 Jul 2024 09:40

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 226157

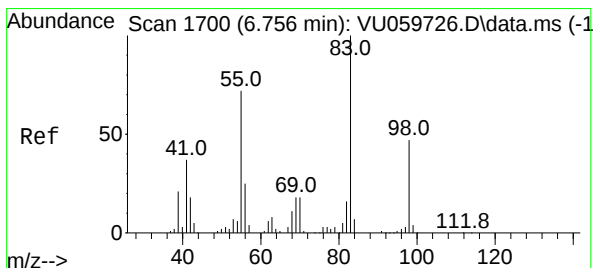
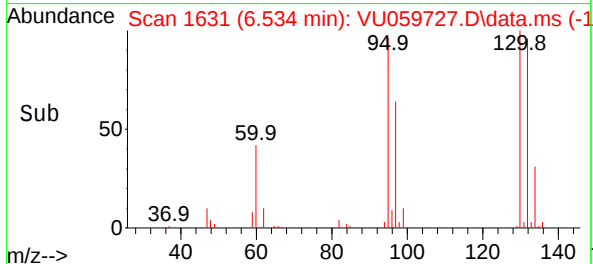
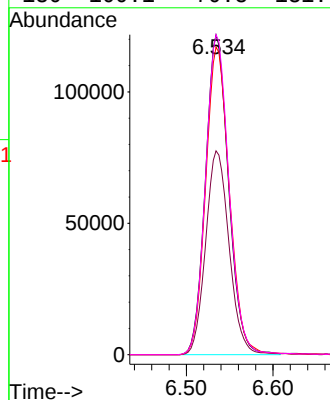
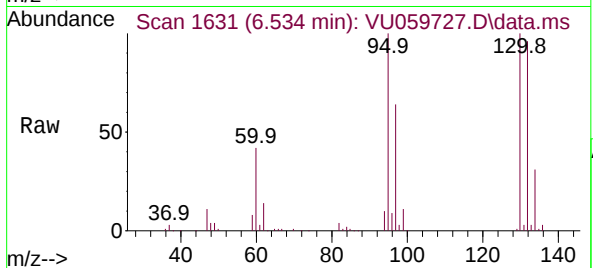
Ion Ratio Lower Upper

95 100

97 63.8 45.8 85.2

132 96.2 69.8 129.6

130 100.1 70.8 131.6



#35

Methylcyclohexane

Concen: 85.954 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VU059727.D

Acq: 02 Jul 2024 09:40

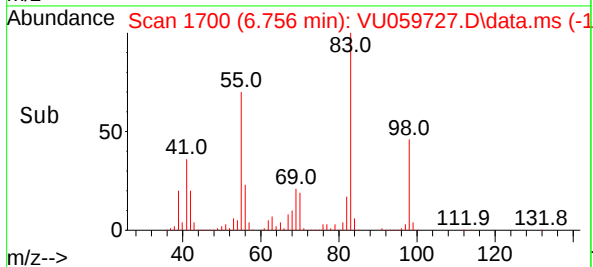
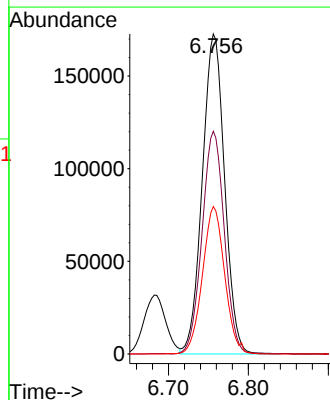
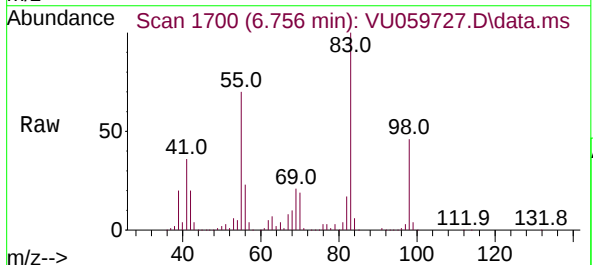
Tgt Ion: 83 Resp: 335403

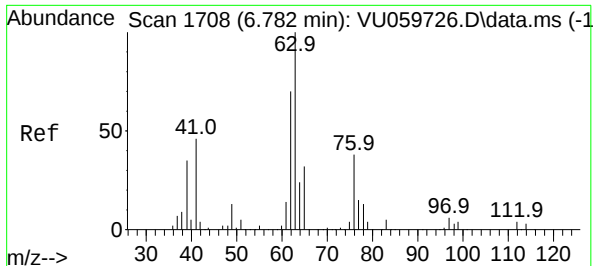
Ion Ratio Lower Upper

83 100

55 69.4 56.8 85.2

98 45.8 36.5 54.7

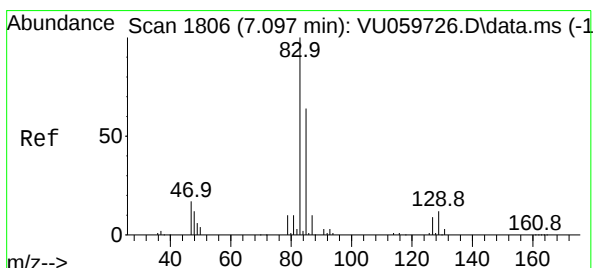
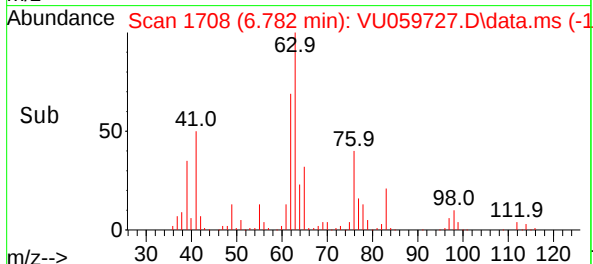
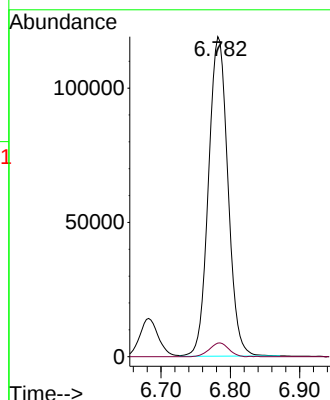
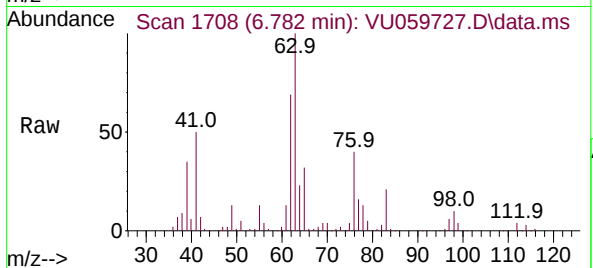




#37
1,2-Dichloropropane
Concen: 75.305 ug/L
RT: 6.782 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU059727.D
Acq: 02 Jul 2024 09:40

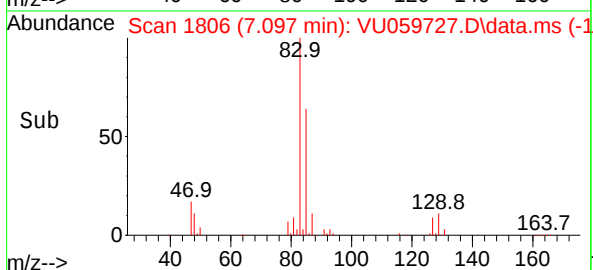
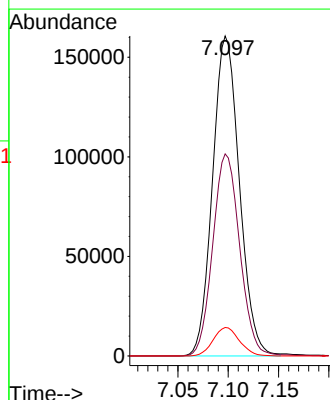
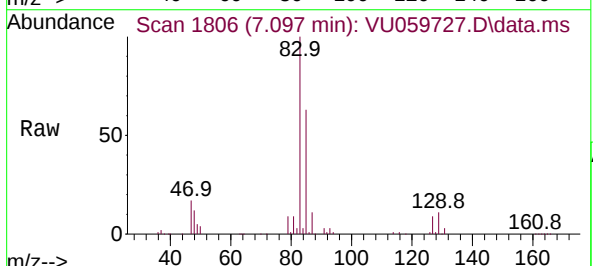
Instrument :
MSVOA_U
ClientSampleId :

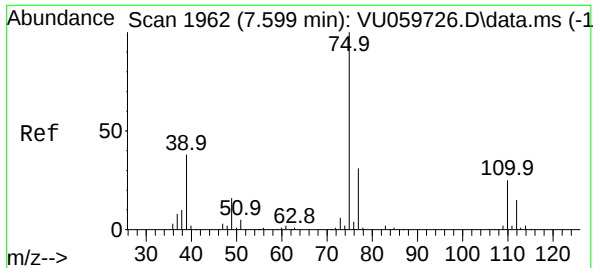
Tgt Ion: 63 Resp: 231172
Ion Ratio Lower Upper
63 100
112 4.3 3.0 4.6



#38
Bromodichloromethane
Concen: 81.964 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU059727.D
Acq: 02 Jul 2024 09:40

Tgt Ion: 83 Resp: 298235
Ion Ratio Lower Upper
83 100
85 63.1 45.0 83.6
127 8.9 7.4 11.2

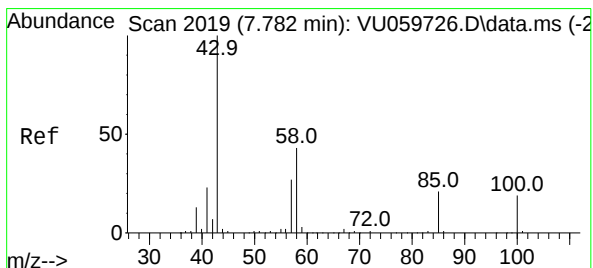
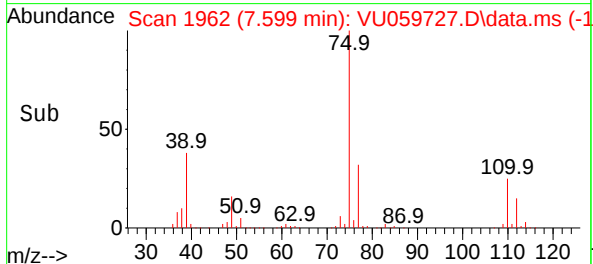
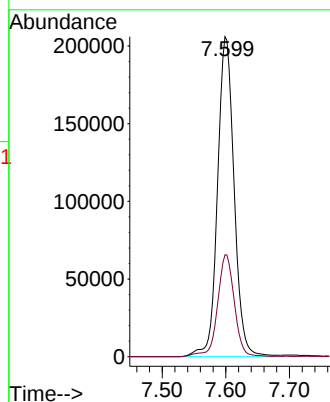
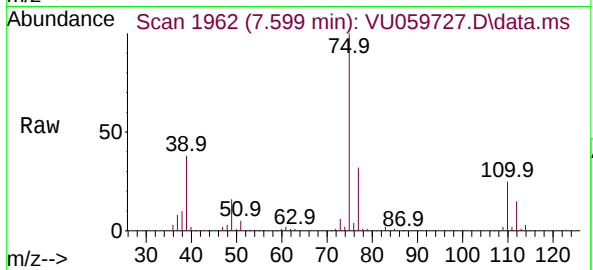




#39
 cis-1,3-Dichloropropene
 Concen: 86.604 ug/L
 RT: 7.599 min Scan# 1962
 Delta R.T. -0.000 min
 Lab File: VU059727.D
 Acq: 02 Jul 2024 09:40

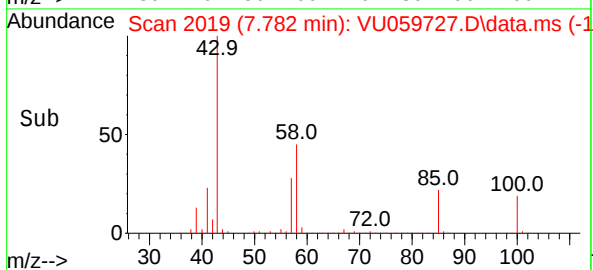
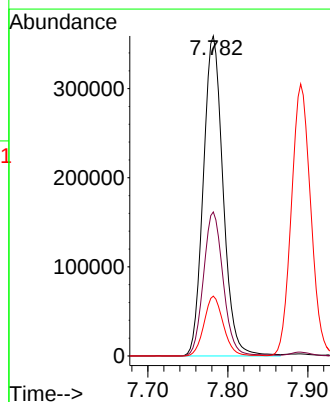
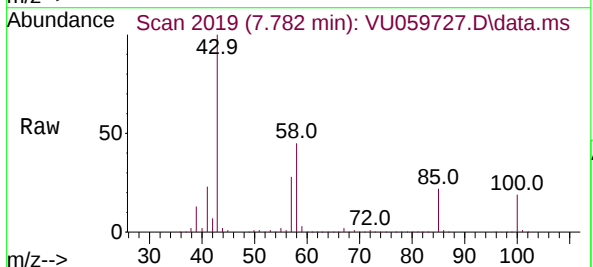
Instrument :
 MSVOA_U
 ClientSampleId :

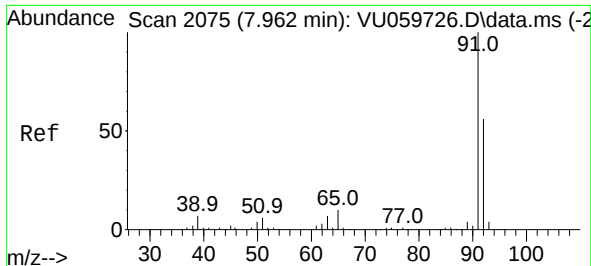
Tgt Ion: 75 Resp: 373398
 Ion Ratio Lower Upper
 75 100
 77 31.9 21.6 40.2



#40
 4-Methyl-2-pentanone
 Concen: 155.072 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VU059727.D
 Acq: 02 Jul 2024 09:40

Tgt Ion: 43 Resp: 618552
 Ion Ratio Lower Upper
 43 100
 58 45.0 35.3 52.9
 100 18.3 14.6 22.0





#42

Toluene

Concen: 86.269 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU059727.D

Acq: 02 Jul 2024 09:40

Instrument :

MSVOA_U

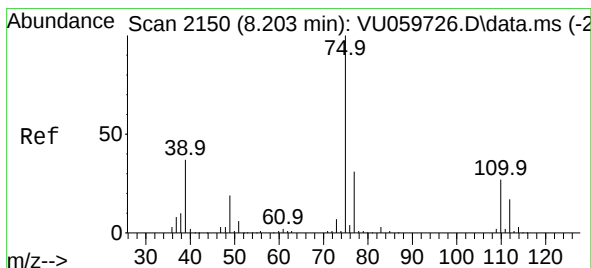
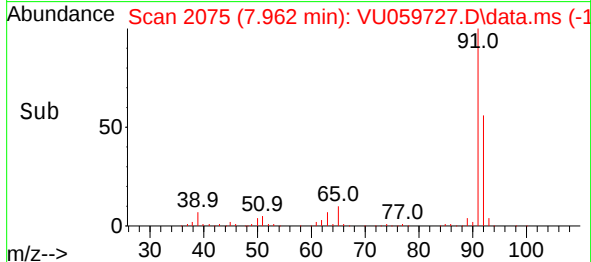
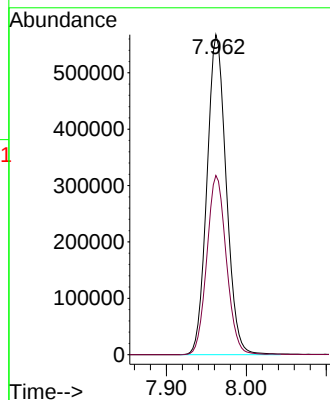
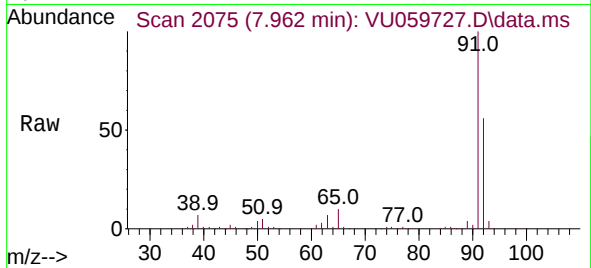
ClientSampleId :

Tgt Ion: 91 Resp: 951273

Ion Ratio Lower Upper

91 100

92 56.0 39.3 72.9



#44

trans-1,3-Dichloropropene

Concen: 87.398 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU059727.D

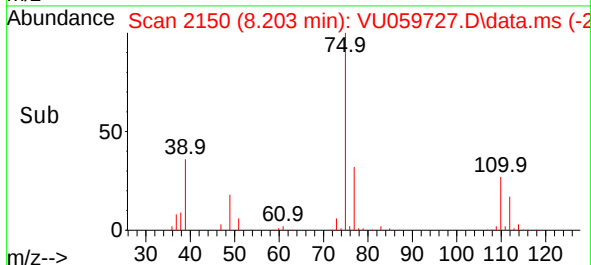
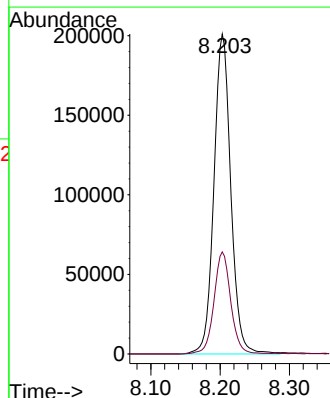
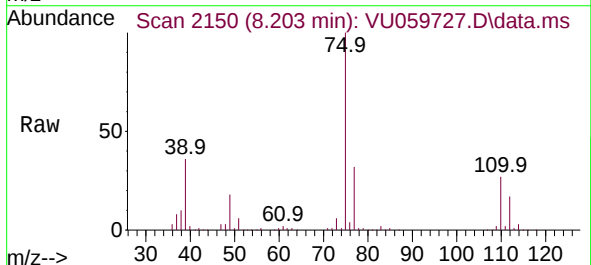
Acq: 02 Jul 2024 09:40

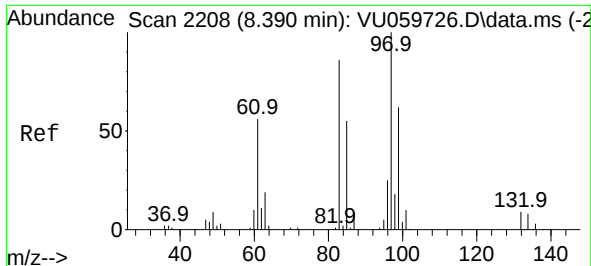
Tgt Ion: 75 Resp: 340215

Ion Ratio Lower Upper

75 100

77 31.9 21.7 40.3

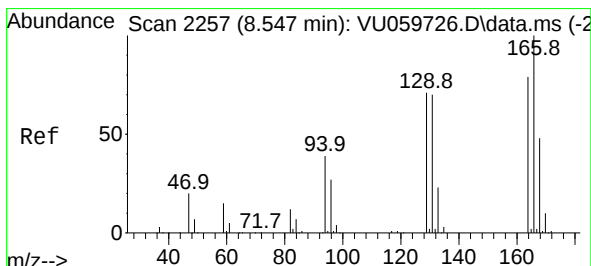
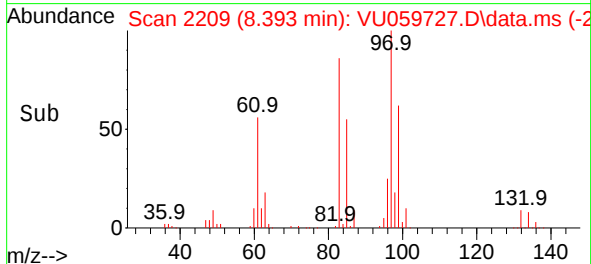
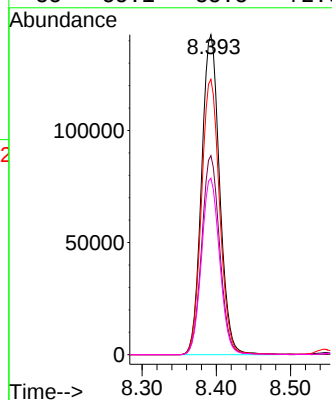
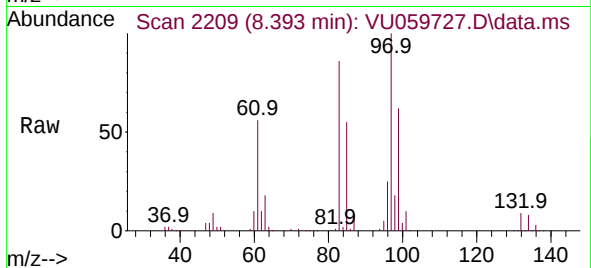




#45
1,1,2-Trichloroethane
Concen: 85.526 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VU059727.D
Acq: 02 Jul 2024 09:40

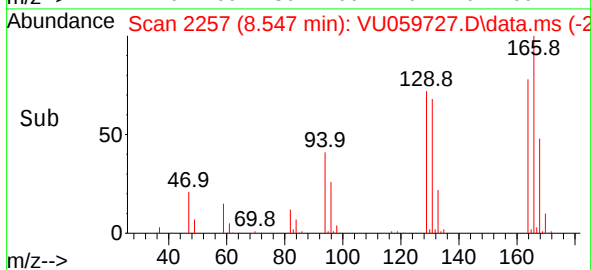
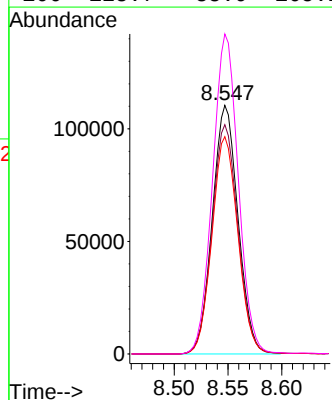
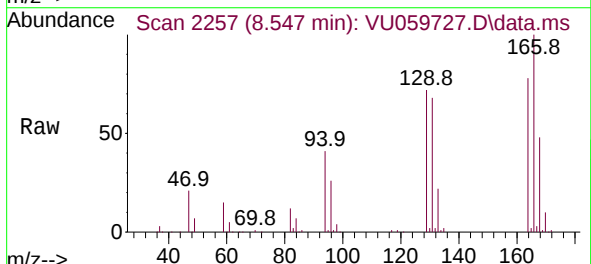
Instrument :
MSVOA_U
ClientSampleId :

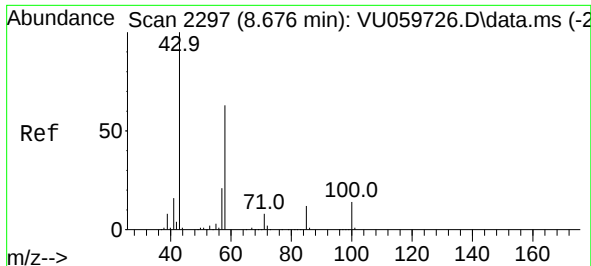
Tgt Ion:	97	Resp:	241670
Ion	Ratio	Lower	Upper
97	100		
99	62.2	43.1	80.1
83	86.1	60.4	112.2
85	55.1	38.8	72.0



#46
Tetrachloroethene
Concen: 98.733 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU059727.D
Acq: 02 Jul 2024 09:40

Tgt Ion:	164	Resp:	183855
Ion	Ratio	Lower	Upper
164	100		
129	92.2	62.7	116.5
131	87.3	62.3	115.7
166	128.7	88.9	165.1





#48

2-Hexanone

Concen: 150.525 ug/L

RT: 8.676 min Scan# 21

Delta R.T. -0.000 min

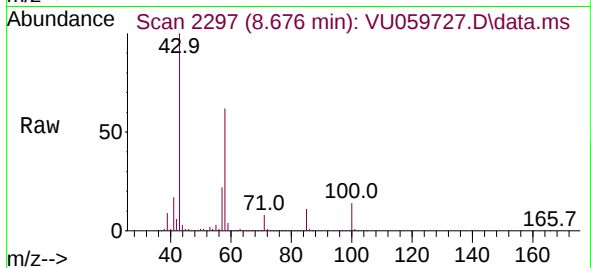
Lab File: VU059727.D

Acq: 02 Jul 2024 09:40

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 507016

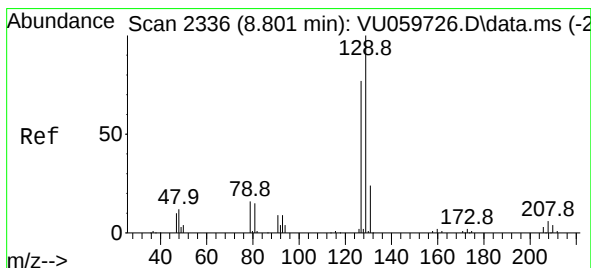
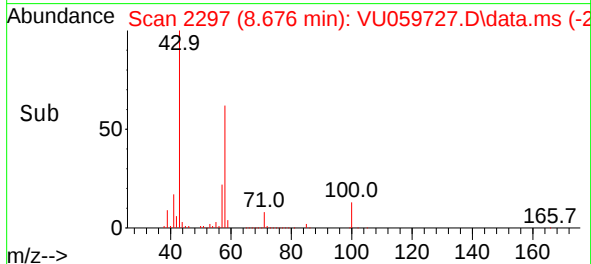
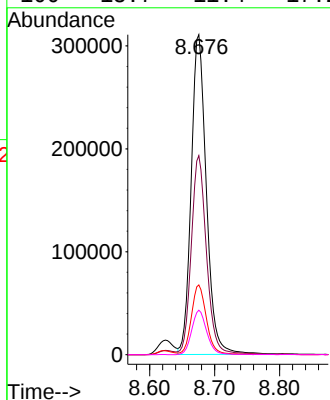
Ion Ratio Lower Upper

43 100

58 62.1 49.0 73.6

57 21.4 16.7 25.1

100 13.7 11.4 17.2



#49

Dibromochloromethane

Concen: 94.870 ug/L

RT: 8.801 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VU059727.D

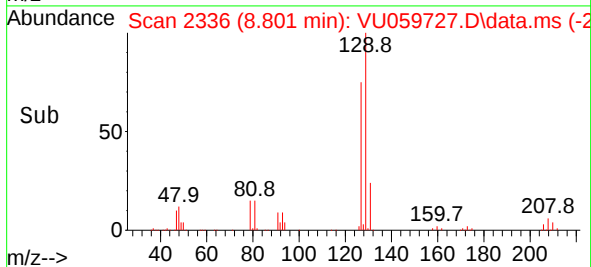
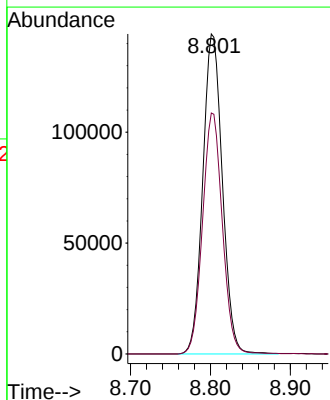
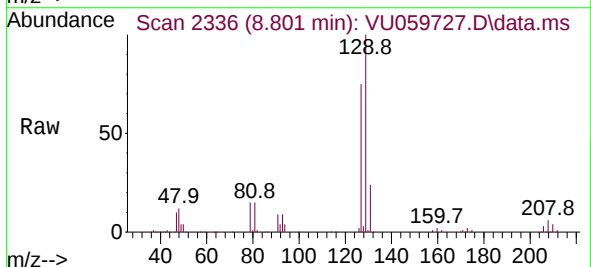
Acq: 02 Jul 2024 09:40

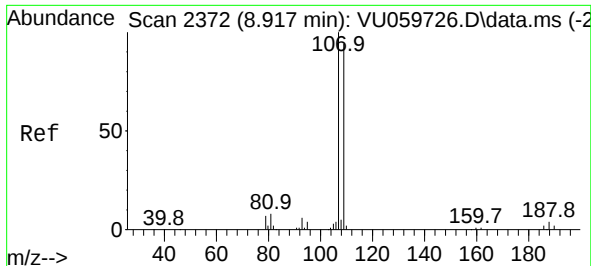
Tgt Ion:129 Resp: 245803

Ion Ratio Lower Upper

129 100

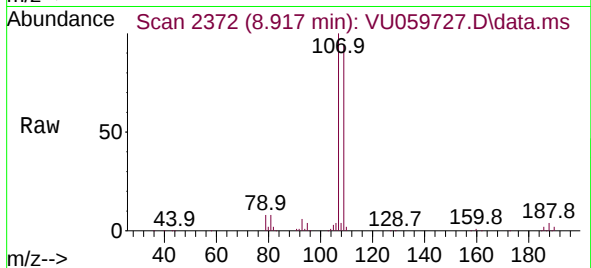
127 75.3 54.0 100.2



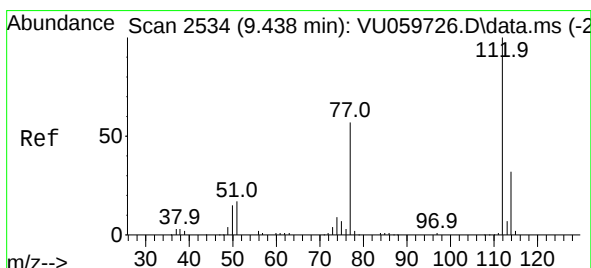
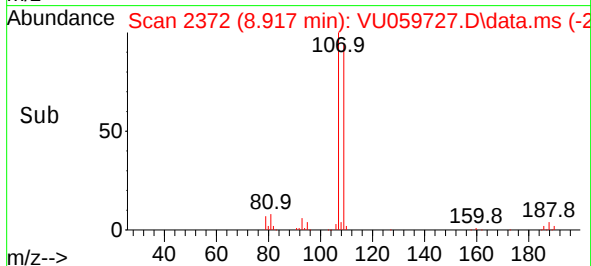
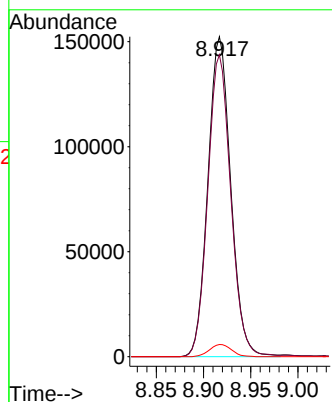


#50
1,2-Dibromoethane
Concen: 87.433 ug/L
RT: 8.917 min Scan# 24
Delta R.T. -0.000 min
Lab File: VU059727.D
Acq: 02 Jul 2024 09:40

Instrument :
MSVOA_U
ClientSampleId :

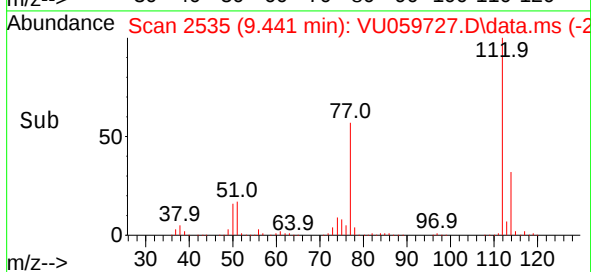
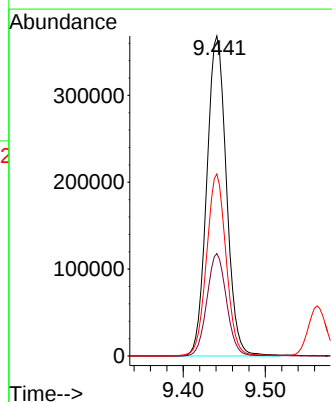
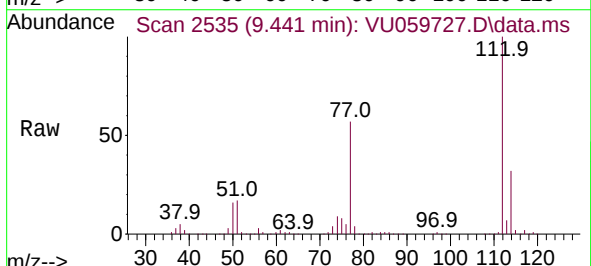


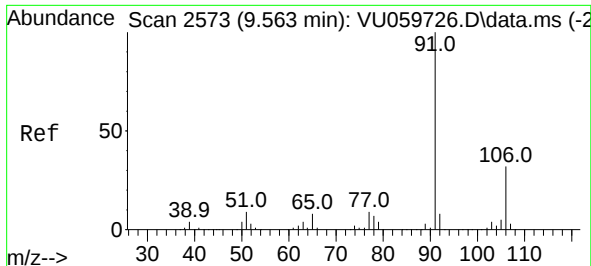
Tgt Ion:107 Resp: 256084
Ion Ratio Lower Upper
107 100
109 94.3 65.5 121.6
188 3.8 3.0 4.4



#51
Chlorobenzene
Concen: 90.551 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.003 min
Lab File: VU059727.D
Acq: 02 Jul 2024 09:40

Tgt Ion:112 Resp: 613142
Ion Ratio Lower Upper
112 100
114 32.0 22.7 42.3
77 56.9 45.8 68.6





#52

Ethylbenzene

Concen: 91.088 ug/L

RT: 9.563 min Scan# 2573

Delta R.T. -0.000 min

Lab File: VU059727.D

Acq: 02 Jul 2024 09:40

Instrument :

MSVOA_U

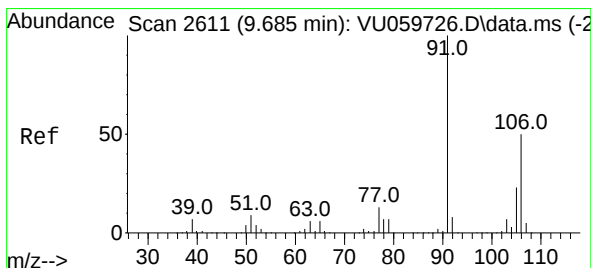
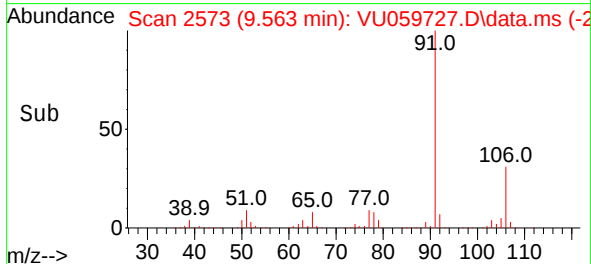
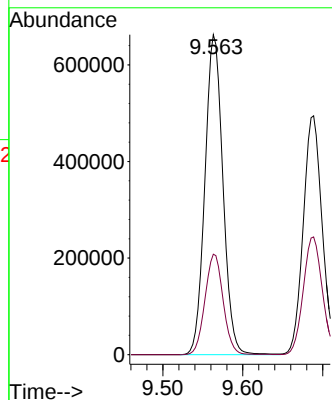
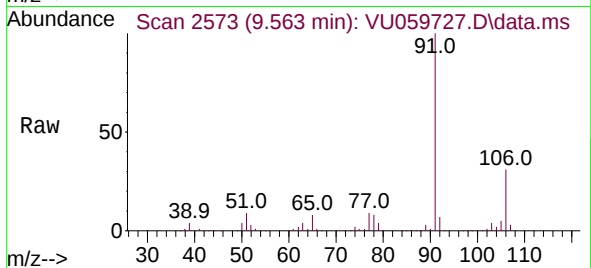
ClientSampleId :

Tgt Ion: 91 Resp: 1039183

Ion Ratio Lower Upper

91 100

106 31.4 22.4 41.6



#53

m,p-Xylene

Concen: 95.546 ug/L

RT: 9.688 min Scan# 2612

Delta R.T. 0.003 min

Lab File: VU059727.D

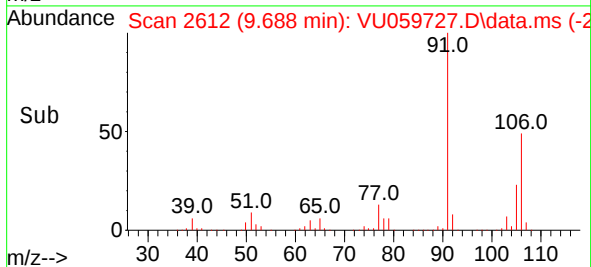
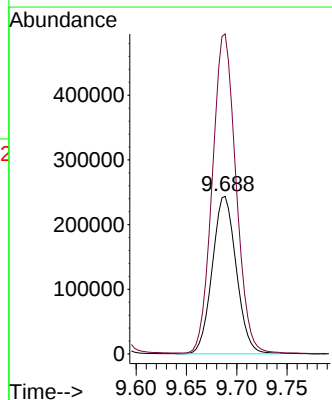
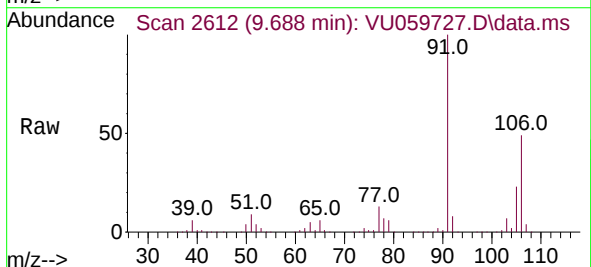
Acq: 02 Jul 2024 09:40

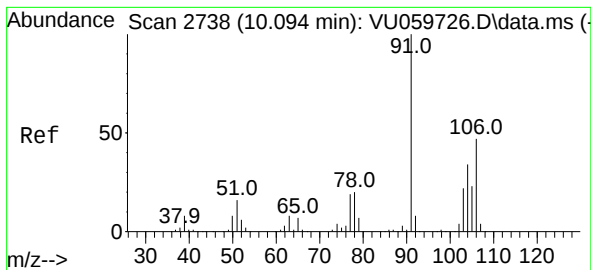
Tgt Ion:106 Resp: 403716

Ion Ratio Lower Upper

106 100

91 203.0 140.9 261.7





#54

o-Xylene

Concen: 96.932 ug/L

RT: 10.094 min Scan# 2738

Delta R.T. -0.000 min

Lab File: VU059727.D

Acq: 02 Jul 2024 09:40

Instrument :

MSVOA_U

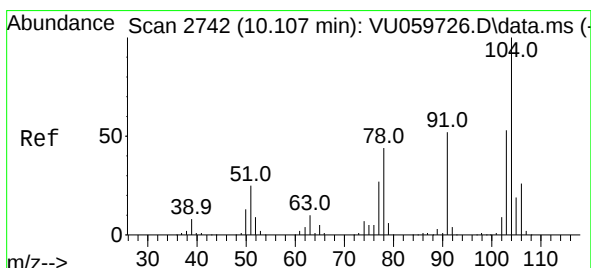
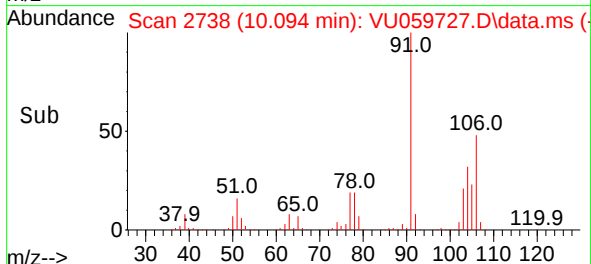
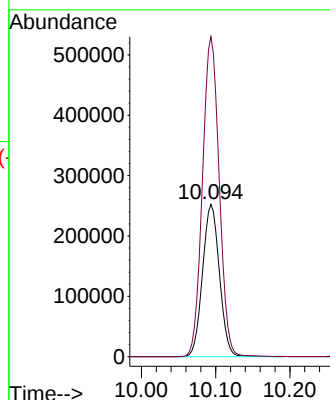
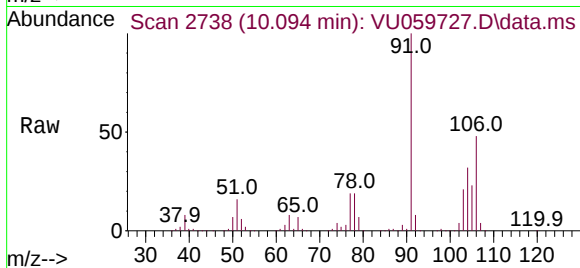
ClientSampleId :

Tgt Ion:106 Resp: 397556

Ion Ratio Lower Upper

106 100

91 210.1 147.4 273.8



#55

Styrene

Concen: 98.357 ug/L

RT: 10.106 min Scan# 2742

Delta R.T. -0.000 min

Lab File: VU059727.D

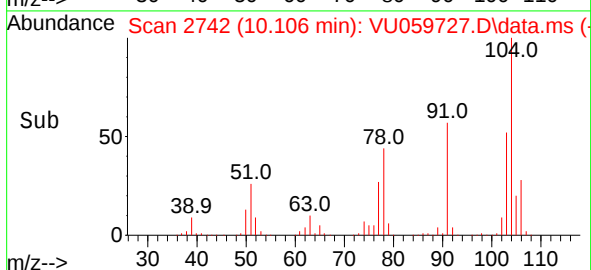
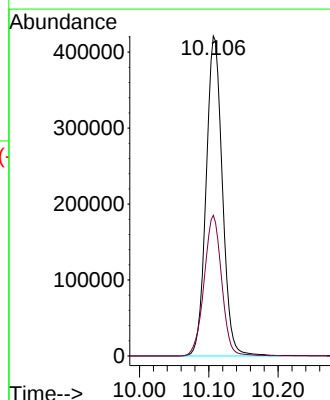
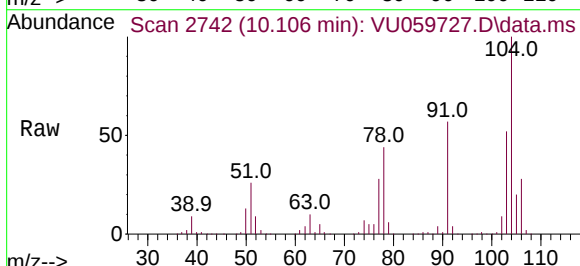
Acq: 02 Jul 2024 09:40

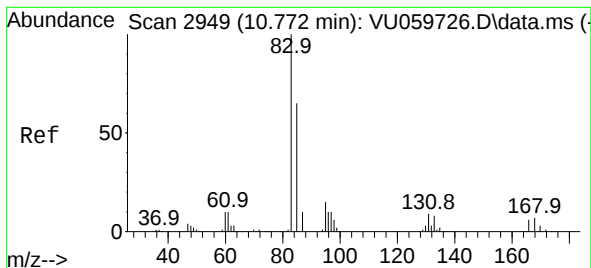
Tgt Ion:104 Resp: 684786

Ion Ratio Lower Upper

104 100

78 44.0 30.9 57.5





#57

1,1,2,2-Tetrachloroethane

Concen: 80.828 ug/L

RT: 10.775 min Scan# 2949

Delta R.T. 0.003 min

Lab File: VU059727.D

Acq: 02 Jul 2024 09:40

Instrument :

MSVOA_U

ClientSampleId :

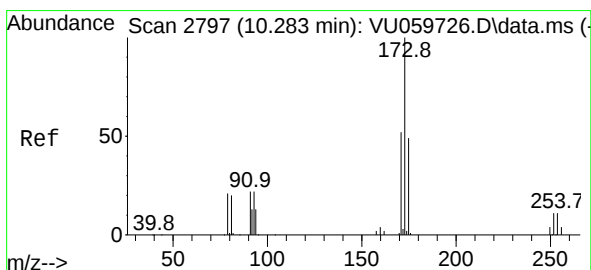
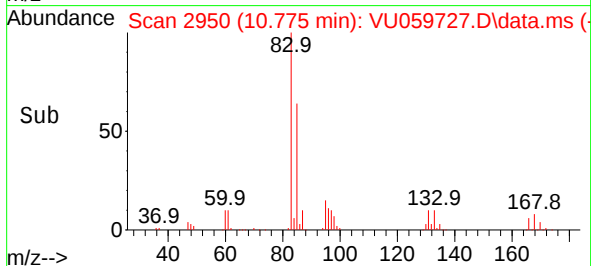
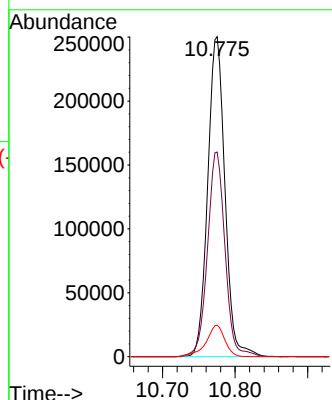
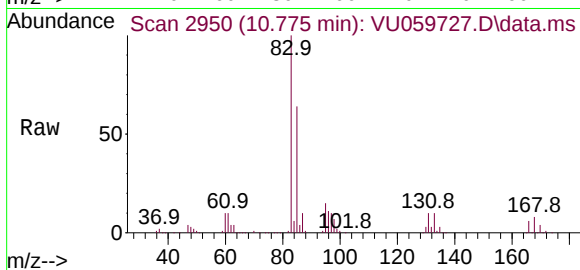
Tgt Ion: 83 Resp: 413306

Ion Ratio Lower Upper

83 100

85 63.9 45.4 84.2

131 9.9 7.5 11.3



#59

Bromoform

Concen: 91.272 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.000 min

Lab File: VU059727.D

Acq: 02 Jul 2024 09:40

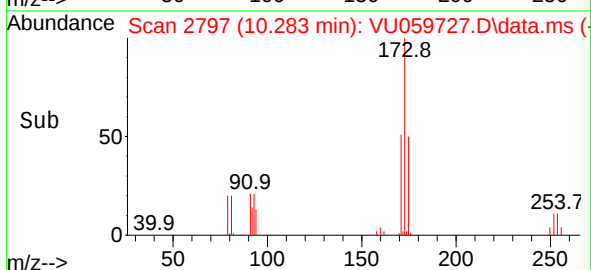
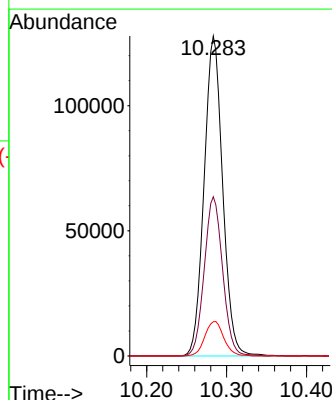
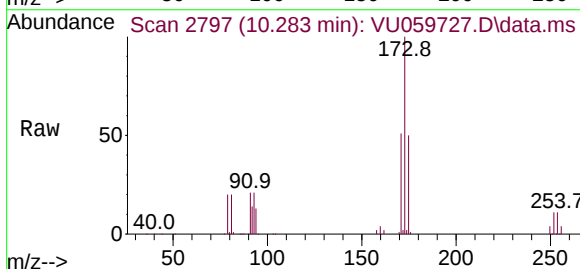
Tgt Ion:173 Resp: 206767

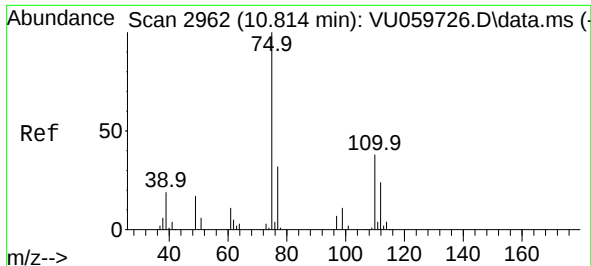
Ion Ratio Lower Upper

173 100

175 49.2 39.4 59.2

254 11.1 9.0 13.4





#60

1,2,3-Trichloropropane

Concen: 67.801 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. -0.000 min

Lab File: VU059727.D

Acq: 02 Jul 2024 09:40

Instrument :

MSVOA_U

ClientSampleId :

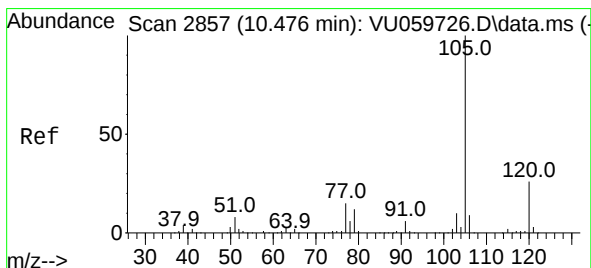
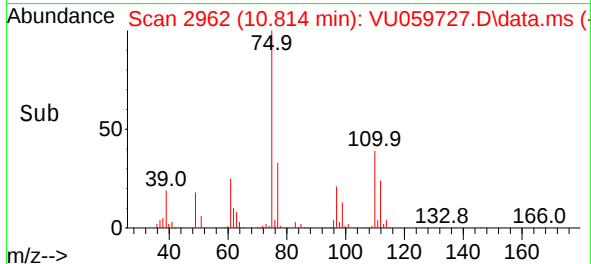
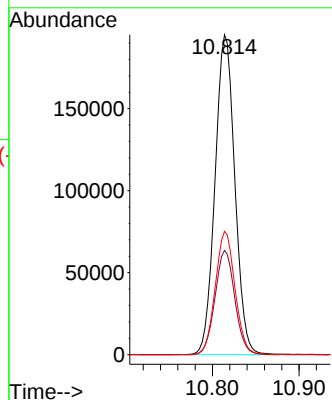
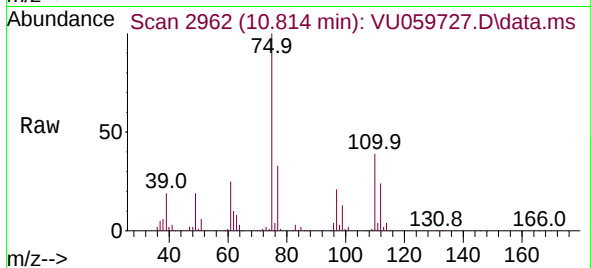
Tgt Ion: 75 Resp: 309863

Ion Ratio Lower Upper

75 100

77 32.6 25.5 38.3

110 38.4 30.7 46.1



#61

Isopropylbenzene

Concen: 88.825 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. -0.000 min

Lab File: VU059727.D

Acq: 02 Jul 2024 09:40

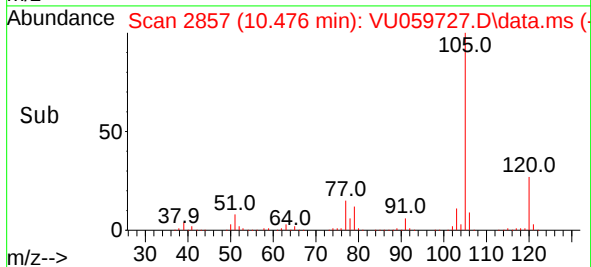
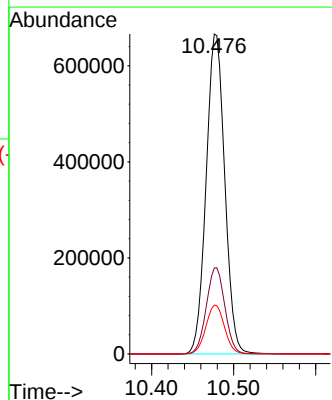
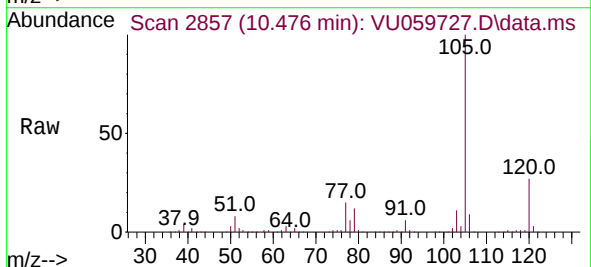
Tgt Ion:105 Resp: 1048367

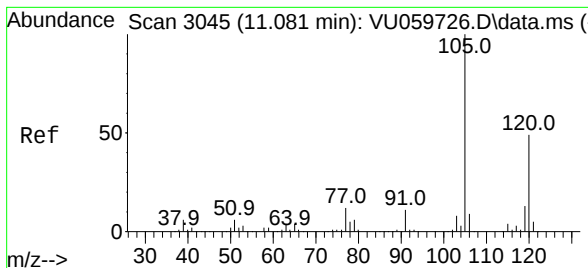
Ion Ratio Lower Upper

105 100

120 26.9 20.9 31.3

77 15.4 12.1 18.1





#62

1,3,5-Trimethylbenzene

Concen: 93.244 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. -0.000 min

Lab File: VU059727.D

Acq: 02 Jul 2024 09:40

Instrument :

MSVOA_U

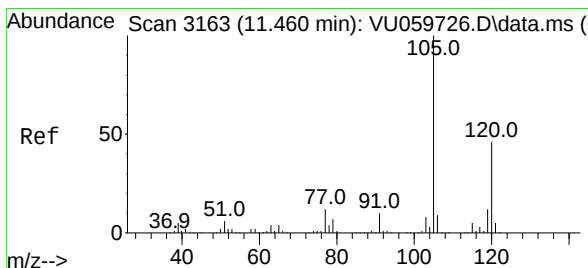
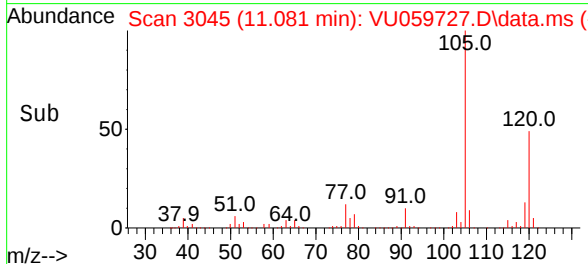
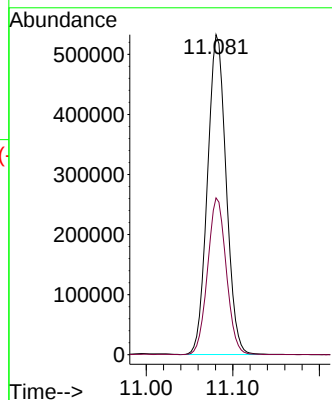
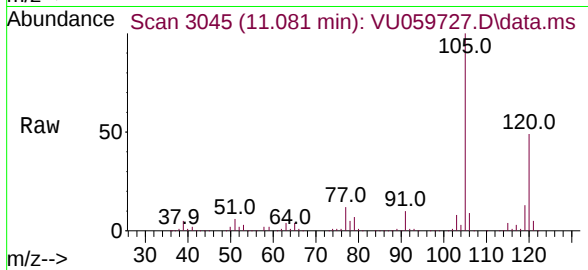
ClientSampleId :

Tgt Ion:105 Resp: 797439

Ion Ratio Lower Upper

105 100

120 49.0 39.5 59.3



#63

1,2,4-Trimethylbenzene

Concen: 94.802 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.000 min

Lab File: VU059727.D

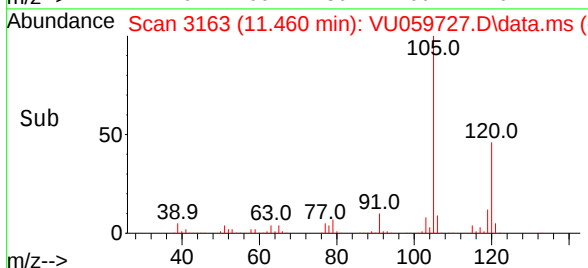
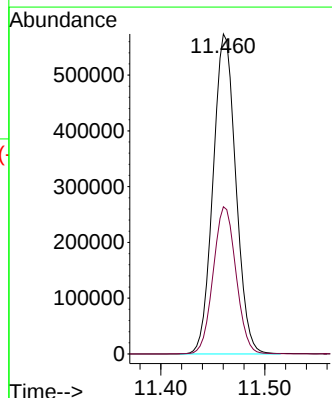
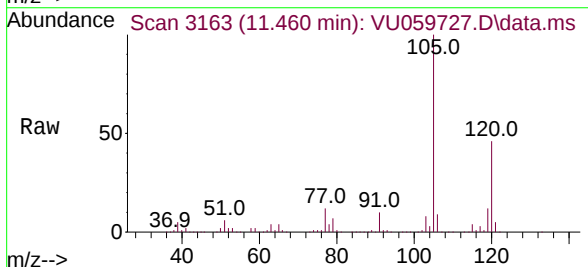
Acq: 02 Jul 2024 09:40

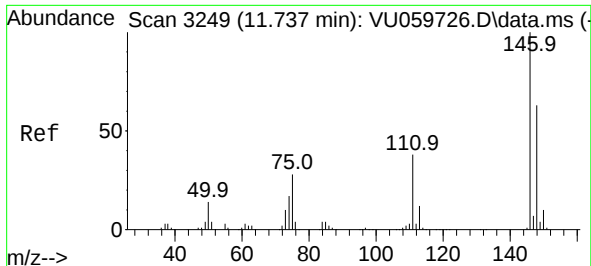
Tgt Ion:105 Resp: 873280

Ion Ratio Lower Upper

105 100

120 46.2 37.0 55.6





#64

1,3-Dichlorobenzene

Concen: 94.060 ug/L

RT: 11.740 min Scan# 3249

Delta R.T. 0.003 min

Lab File: VU059727.D

Acq: 02 Jul 2024 09:40

Instrument :

MSVOA_U

ClientSampleId :

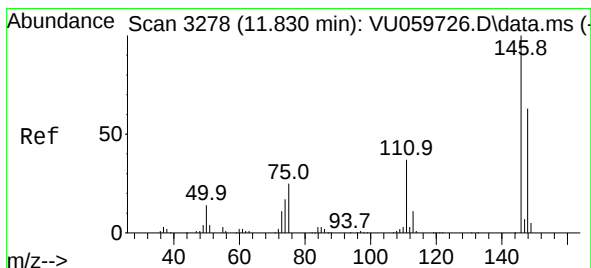
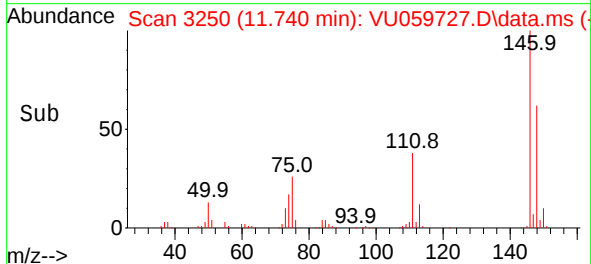
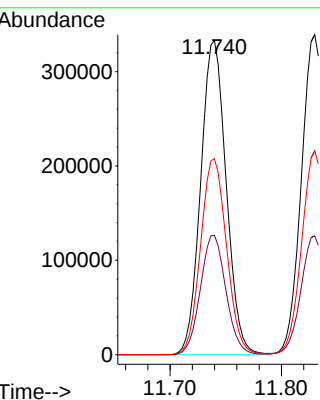
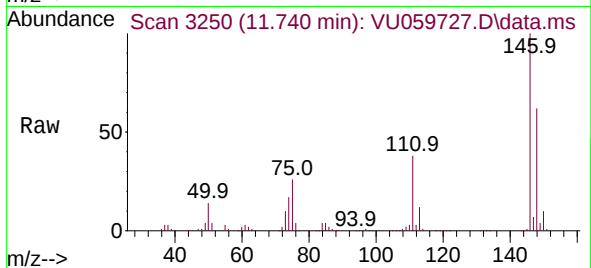
Tgt Ion:146 Resp: 529783

Ion Ratio Lower Upper

146 100

111 38.0 26.5 49.1

148 62.4 43.8 81.3



#65

1,4-Dichlorobenzene

Concen: 92.119 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. -0.000 min

Lab File: VU059727.D

Acq: 02 Jul 2024 09:40

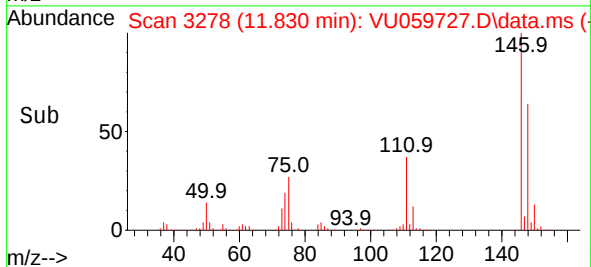
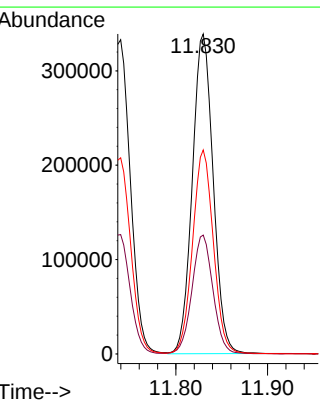
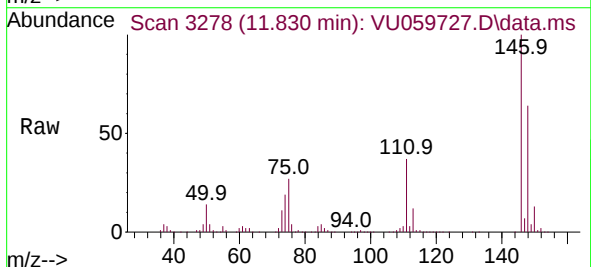
Tgt Ion:146 Resp: 535426

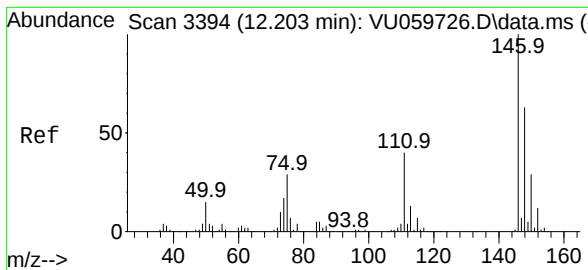
Ion Ratio Lower Upper

146 100

111 37.2 25.9 48.1

148 63.7 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 89.400 ug/L

RT: 12.206 min Scan# 3394

Delta R.T. 0.003 min

Lab File: VU059727.D

Acq: 02 Jul 2024 09:40

Instrument :

MSVOA_U

ClientSampleId :

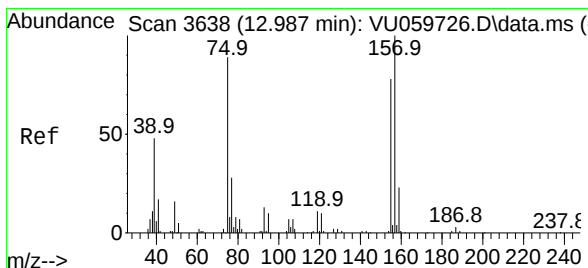
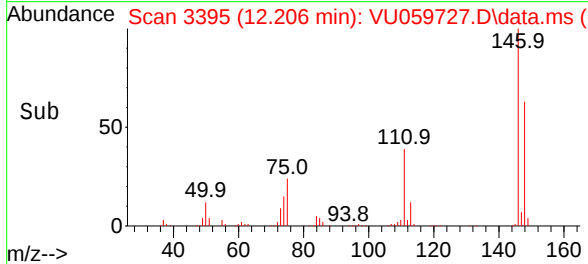
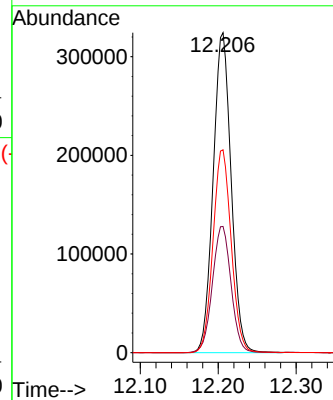
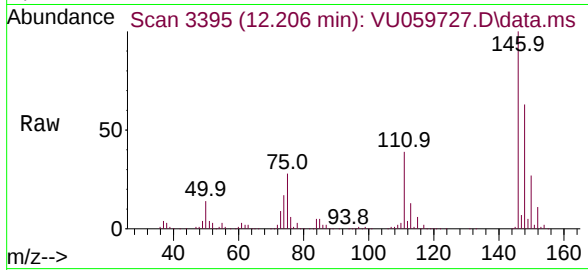
Tgt Ion:146 Resp: 521538

Ion Ratio Lower Upper

146 100

111 39.5 31.7 47.5

148 63.4 50.8 76.2



#68

1,2-Dibromo-3-chloropropane

Concen: 77.929 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.000 min

Lab File: VU059727.D

Acq: 02 Jul 2024 09:40

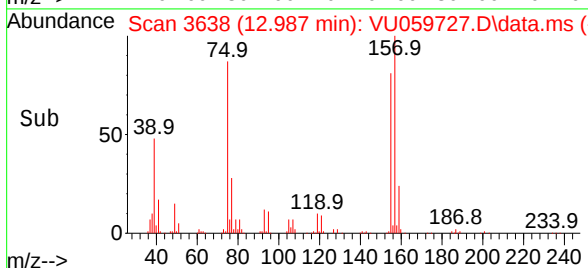
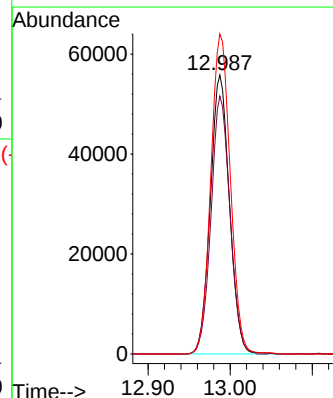
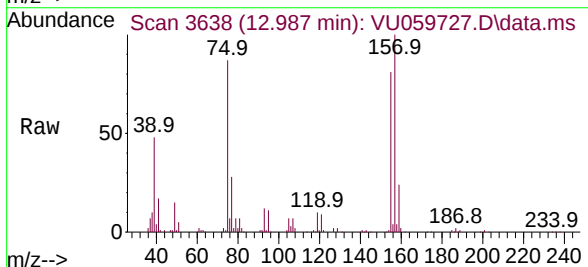
Tgt Ion: 75 Resp: 90384

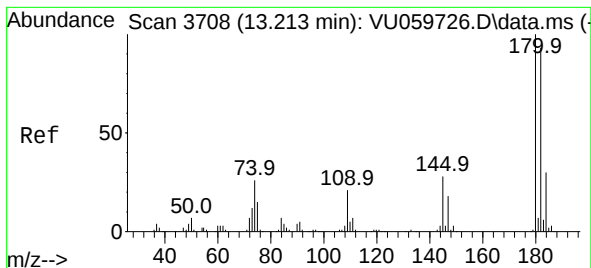
Ion Ratio Lower Upper

75 100

155 92.4 73.5 110.3

157 119.1 93.5 140.3





#69

1,3,5-Trichlorobenzene

Concen: 104.118 ug/L

RT: 13.212 min Scan# 3

Delta R.T. -0.000 min

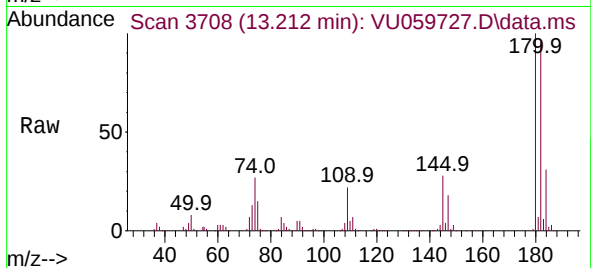
Lab File: VU059727.D

Acq: 02 Jul 2024 09:40

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 391350

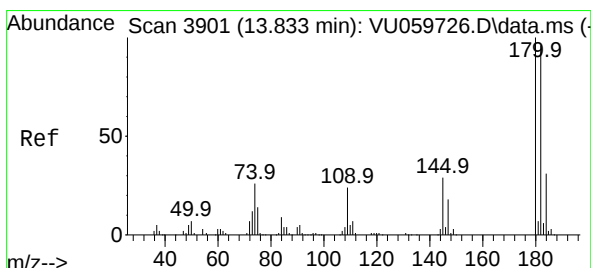
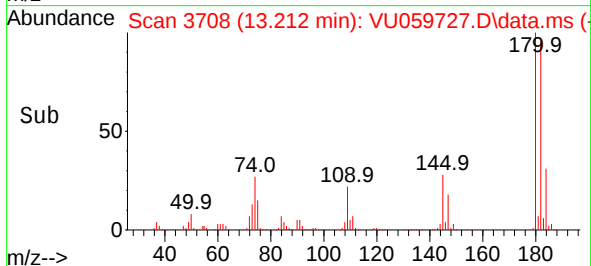
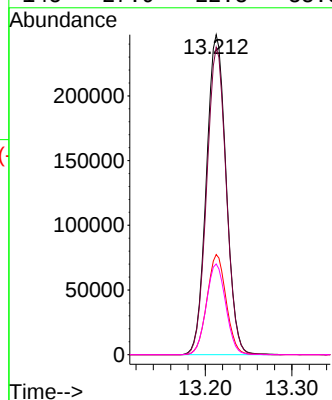
Ion Ratio Lower Upper

180 100

182 95.1 75.8 113.8

184 30.6 24.7 37.1

145 27.9 22.3 33.5



#70

1,2,4-trichlorobenzene

Concen: 118.204 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU059727.D

Acq: 02 Jul 2024 09:40

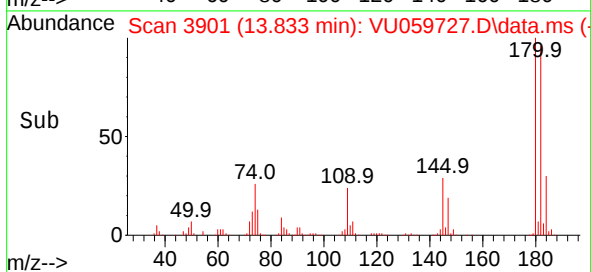
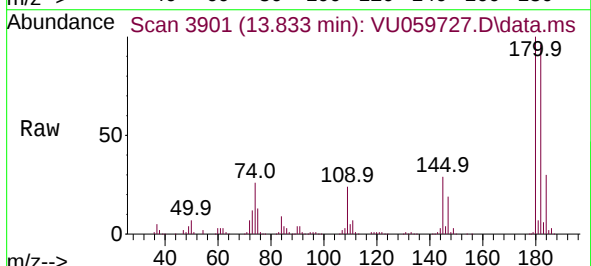
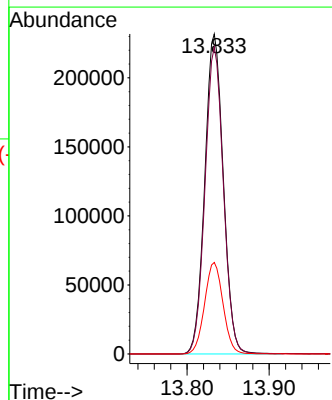
Tgt Ion:180 Resp: 363491

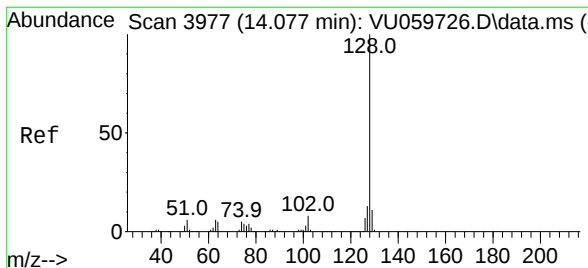
Ion Ratio Lower Upper

180 100

182 95.2 76.4 114.6

145 28.5 23.0 34.4





#71

Naphthalene

Concen: 114.651 ug/L

RT: 14.081 min Scan# 3977

Delta R.T. 0.003 min

Lab File: VU059727.D

Acq: 02 Jul 2024 09:40

Instrument :

MSVOA_U

ClientSampleId :

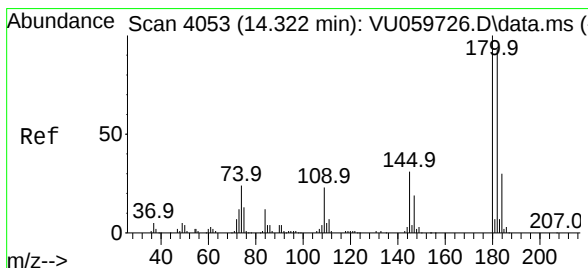
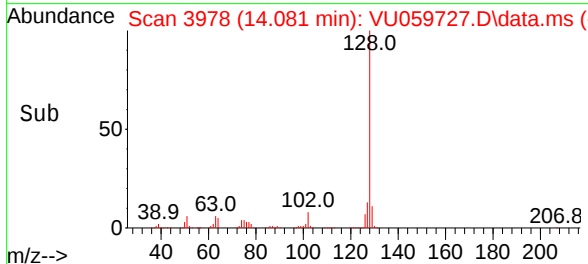
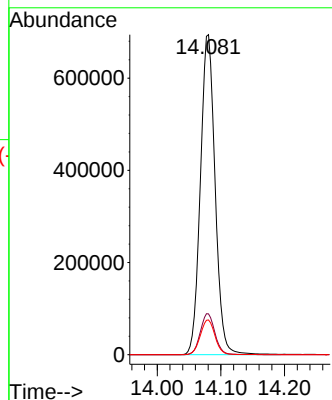
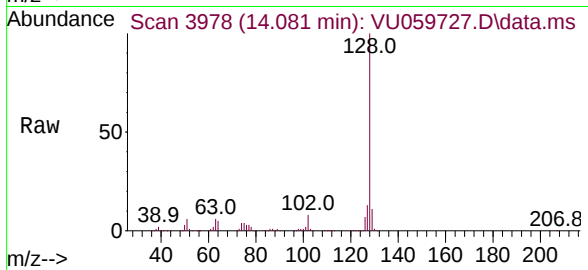
Tgt Ion:128 Resp: 1116077

Ion Ratio Lower Upper

128 100

127 12.7 10.4 15.6

129 10.8 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 115.821 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. -0.000 min

Lab File: VU059727.D

Acq: 02 Jul 2024 09:40

Tgt Ion:180 Resp: 361026

Ion Ratio Lower Upper

180 100

182 95.3 75.8 113.8

145 30.1 24.5 36.7

