

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070224\
 Data File : VU059726.D
 Acq On : 02 Jul 2024 09:11
 Operator : MD/SY
 Sample : VSTD050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 03 01:22:47 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	320812	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	317571	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	168234	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	108106	55.404	ug/L	0.00
7) Chloroethane-d5	1.908	69	90416	53.939	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	63	186039	49.302	ug/L	0.00
21) 2-Butanone-d5	4.608	46	150905	87.144	ug/L	0.00
24) Chloroform-d	5.052	84	208637	53.955	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.692	65	123851	52.793	ug/L	0.00
32) Benzene-d6	5.718	84	428466	57.162	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	130798	51.809	ug/L	0.00
41) Toluene-d8	7.891	98	409494	62.648	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	62050	59.366	ug/L	0.00
47) 2-Hexanone-d5	8.624	63	112866	98.566	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	198242	47.123	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	157602	59.712	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	97358	32.788	ug/L	100
3) Chloromethane	1.518	50	94574	27.825	ug/L	100
5) Vinyl chloride	1.602	62	110967	32.760	ug/L	100
6) Bromomethane	1.850	94	57454	22.425	ug/L	100
8) Chloroethane	1.930	64	72131	33.627	ug/L	100
9) Trichlorofluoromethane	2.133	101	154430	38.081	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	98017	41.083	ug/L	100
12) 1,1-Dichloroethene	2.573	96	90525	41.783	ug/L	100
13) Acetone	2.615	43	142356	71.655	ug/L	100
14) Carbon disulfide	2.788	76	226864	32.172	ug/L	100
15) Methyl Acetate	2.940	43	105260	33.635	ug/L	100
16) Methylene chloride	3.036	84	111002	38.015	ug/L	100
17) trans-1,2-Dichloroethene	3.345	96	94046	40.258	ug/L	100
18) Methyl tert-butyl Ether	3.351	73	306344	40.285	ug/L	100
19) 1,1-Dichloroethane	3.859	63	180727	36.719	ug/L	100
20) cis-1,2-Dichloroethene	4.657	96	113770	42.215	ug/L	100
22) 2-Butanone	4.689	43	169820	70.477	ug/L	100
23) Bromochloromethane	4.965	128	60347	43.904	ug/L	100
25) Chloroform	5.078	83	192806	39.883	ug/L	100
27) 1,2-Dichloroethane	5.785	62	145393	36.325	ug/L	100
29) Cyclohexane	5.380	56	135075	34.409	ug/L	100
30) 1,1,1-Trichloroethane	5.306	97	155633	39.551	ug/L	100
31) Carbon tetrachloride	5.515	117	129248	40.290	ug/L	100
33) Benzene	5.766	78	415456	38.343	ug/L	100
34) Trichloroethene	6.534	95	108371	40.456	ug/L	100
35) Methylcyclohexane	6.756	83	151979	39.079	ug/L	100
37) 1,2-Dichloropropane	6.782	63	114577	37.450	ug/L	100
38) Bromodichloromethane	7.097	83	145411	40.098	ug/L	100
39) cis-1,3-Dichloropropene	7.599	75	175428	40.825	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	289307	72.774	ug/L	100
42) Toluene	7.962	91	458379	41.710	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	159028	40.991	ug/L	100

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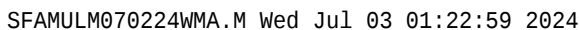
Instrument :
 MSVOA_U
 ClientSampleId :

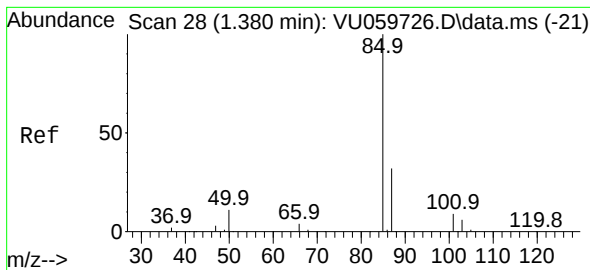
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.390	97	118674	42.140	ug/L	100
46) Tetrachloroethene	8.547	164	88034	47.435	ug/L	100
48) 2-Hexanone	8.676	43	241933	72.069	ug/L	100
49) Dibromochloromethane	8.801	129	116863	45.257	ug/L	100
50) 1,2-Dibromoethane	8.917	107	123653	42.361	ug/L	100
51) Chlorobenzene	9.438	112	295307	43.759	ug/L	100
52) Ethylbenzene	9.563	91	485775	42.724	ug/L	100
53) m,p-Xylene	9.685	106	189253	44.941	ug/L	100
54) o-Xylene	10.094	106	184988	45.256	ug/L	100
55) Styrene	10.107	104	319624	46.063	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.772	83	201453	39.530	ug/L	100
59) Bromoform	10.283	173	97921	45.036	ug/L	100
60) 1,2,3-Trichloropropane	10.814	75	149760	34.142	ug/L	100
61) Isopropylbenzene	10.476	105	490747	43.321	ug/L	100
62) 1,3,5-Trimethylbenzene	11.081	105	353170	43.026	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	388093	43.896	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	244764	45.277	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	248620	44.566	ug/L	100
67) 1,2-Dichlorobenzene	12.203	146	246985	44.111	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.987	75	41916	37.654	ug/L	100
69) 1,3,5-Trichlorobenzene	13.213	180	173950	48.218	ug/L	100
70) 1,2,4-trichlorobenzene	13.833	180	156246	52.938	ug/L	100
71) Naphthalene	14.077	128	464515	49.717	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	160192	53.544	ug/L	100

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

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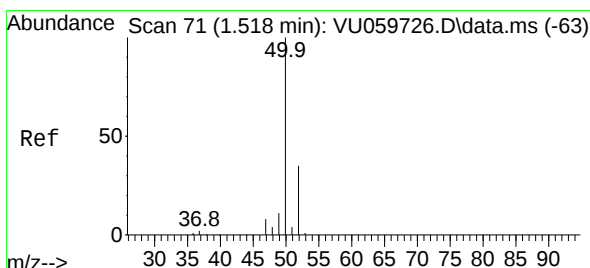
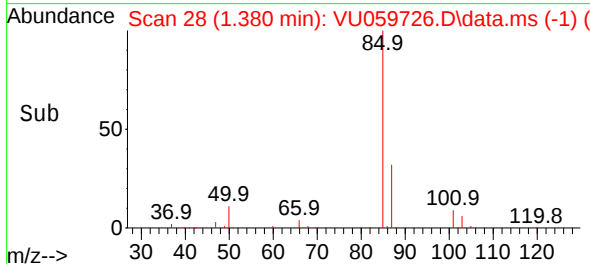
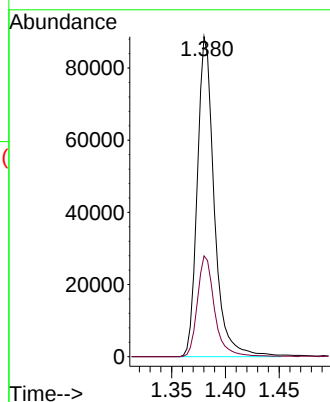
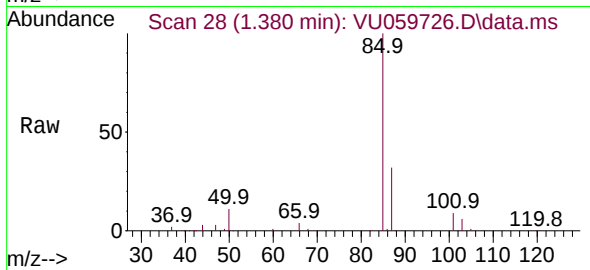




#2
 Dichlorodifluoromethane
 Concen: 32.788 ug/L
 RT: 1.380 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VU059726.D
 Acq: 02 Jul 2024 09:11

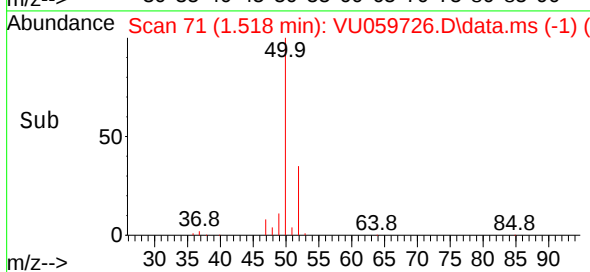
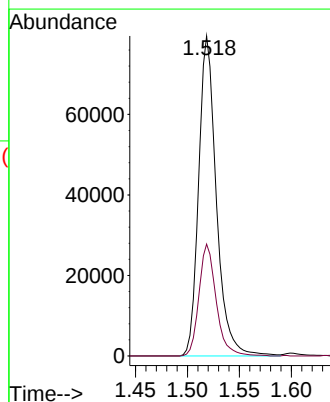
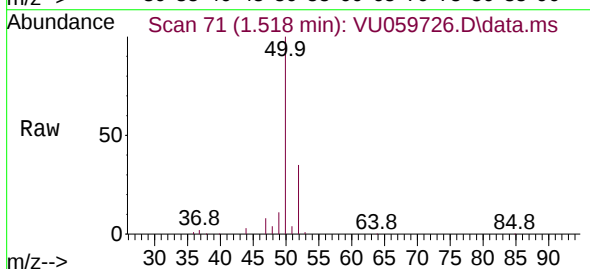
Instrument :
 MSVOA_U
 ClientSampleId :

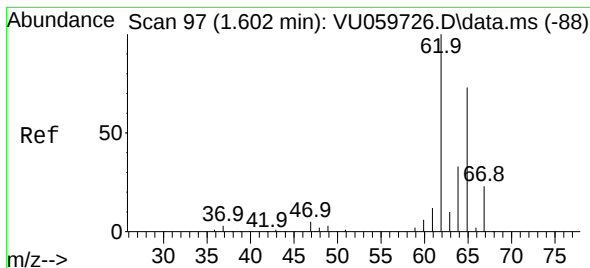
Tgt Ion: 85 Resp: 97358
 Ion Ratio Lower Upper
 85 100
 87 31.8 25.4 38.2



#3
 Chloromethane
 Concen: 27.825 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU059726.D
 Acq: 02 Jul 2024 09:11

Tgt Ion: 50 Resp: 94574
 Ion Ratio Lower Upper
 50 100
 52 35.0 24.5 45.5





#5

Vinyl chloride

Concen: 32.760 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU059726.D

Acq: 02 Jul 2024 09:11

Instrument :

MSVOA_U

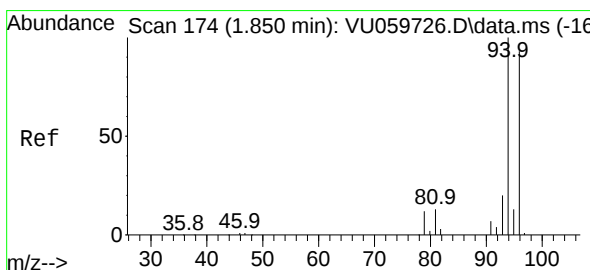
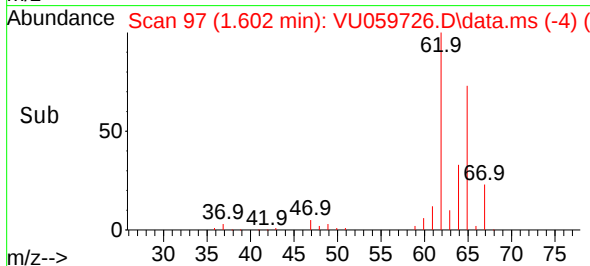
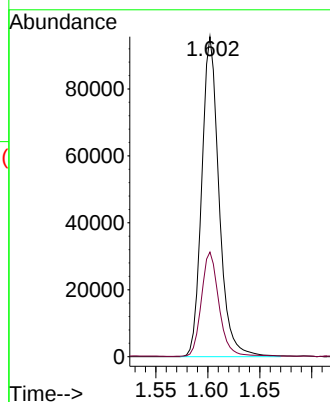
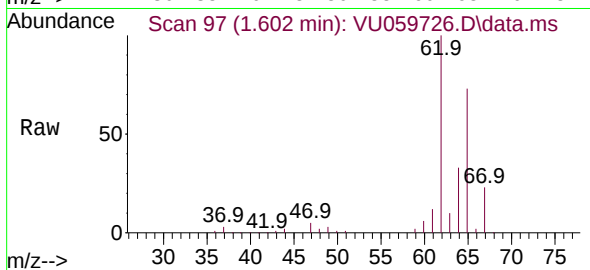
ClientSampleId :

Tgt Ion: 62 Resp: 110967

Ion Ratio Lower Upper

62 100

64 32.7 22.9 42.5



#6

Bromomethane

Concen: 22.425 ug/L

RT: 1.850 min Scan# 174

Delta R.T. 0.000 min

Lab File: VU059726.D

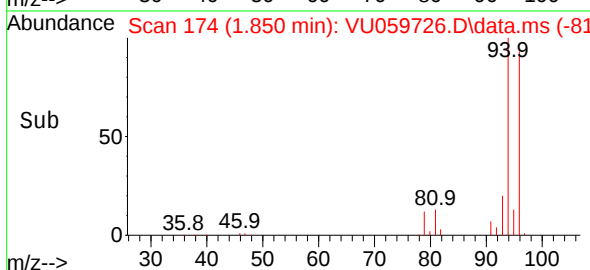
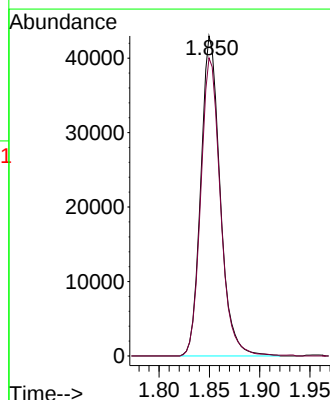
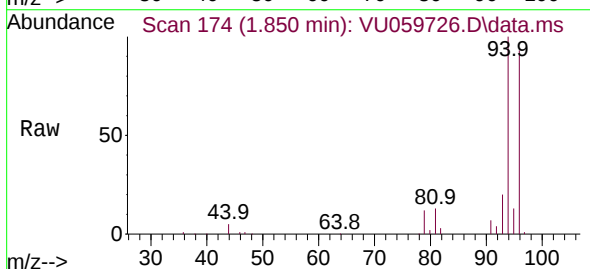
Acq: 02 Jul 2024 09:11

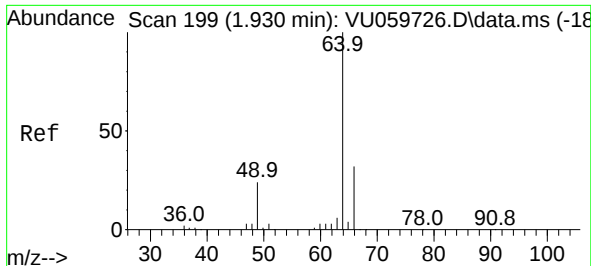
Tgt Ion: 94 Resp: 57454

Ion Ratio Lower Upper

94 100

96 93.2 65.2 121.2

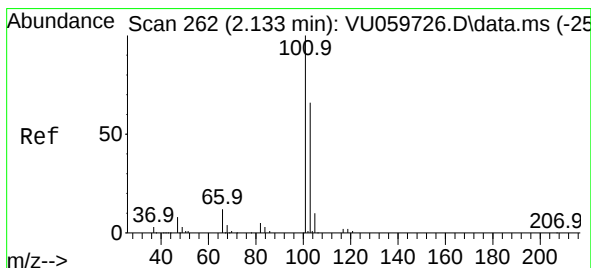
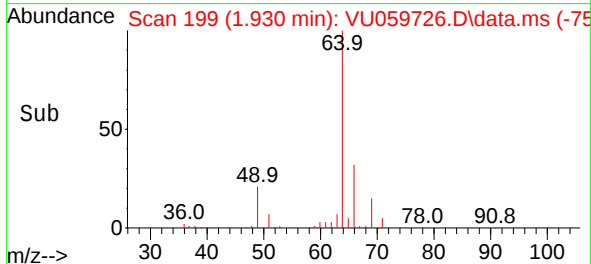
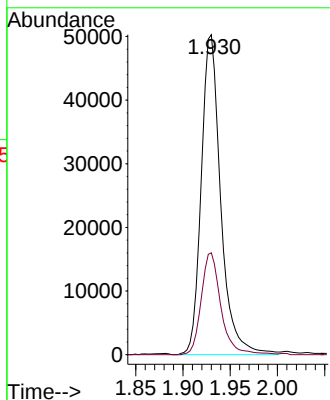
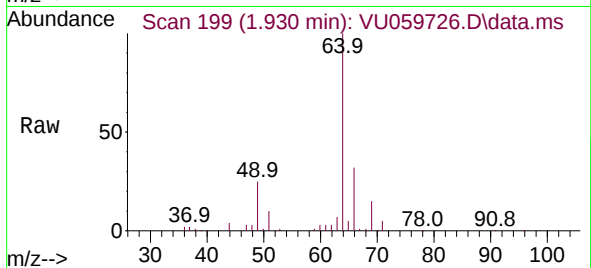




#8
Chloroethane
Concen: 33.627 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU059726.D
Acq: 02 Jul 2024 09:11

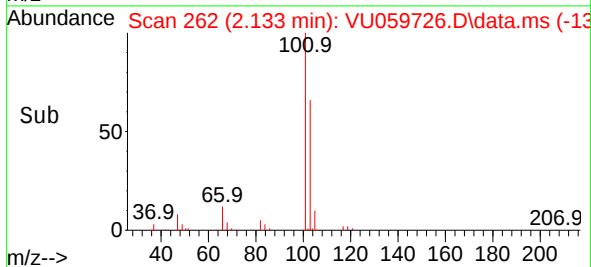
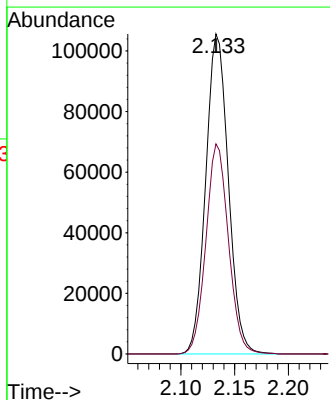
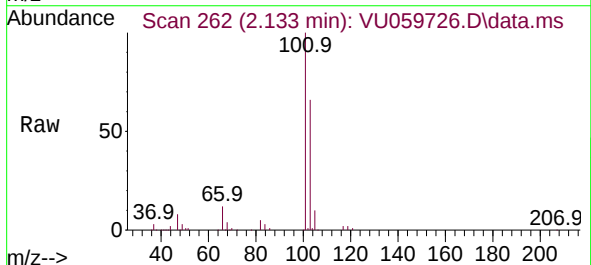
Instrument :
MSVOA_U
ClientSampleId :

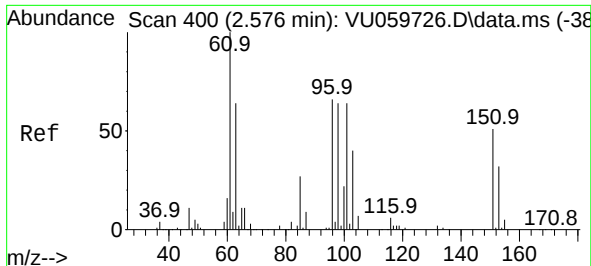
Tgt Ion: 64 Resp: 72131
Ion Ratio Lower Upper
64 100
66 31.8 22.3 41.3



#9
Trichlorofluoromethane
Concen: 38.081 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU059726.D
Acq: 02 Jul 2024 09:11

Tgt Ion:101 Resp: 154430
Ion Ratio Lower Upper
101 100
103 65.4 52.3 78.5





#10

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

Concen: 41.083 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.000 min

Lab File: VU059726.D

Acq: 02 Jul 2024 09:11

Instrument :

MSVOA_U

ClientSampleId :

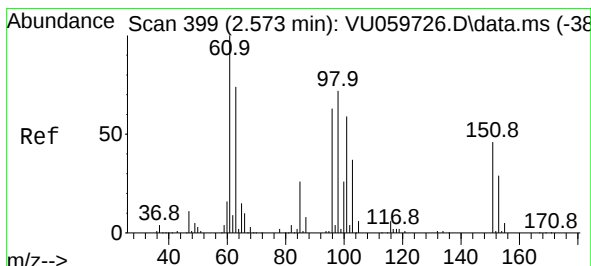
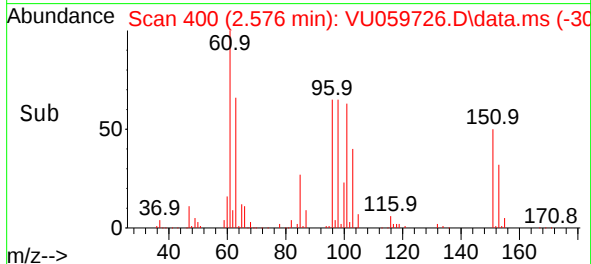
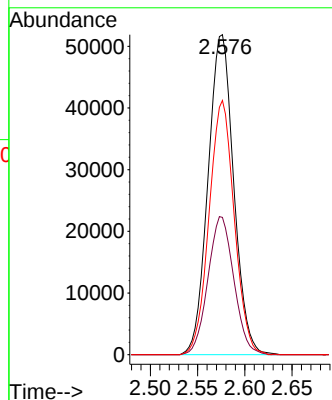
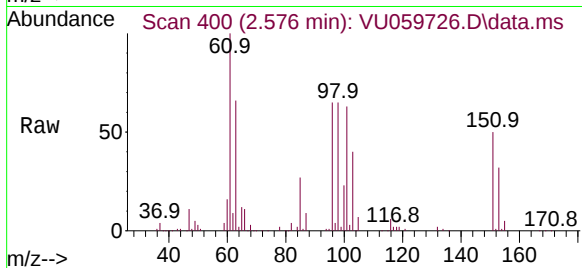
Tgt Ion:101 Resp: 98017

Ion Ratio Lower Upper

101 100

85 43.5 34.8 52.2

151 77.9 62.3 93.5



#12

1,1-Dichloroethene

Concen: 41.783 ug/L

RT: 2.573 min Scan# 399

Delta R.T. 0.000 min

Lab File: VU059726.D

Acq: 02 Jul 2024 09:11

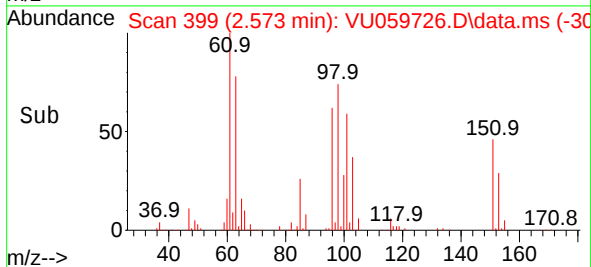
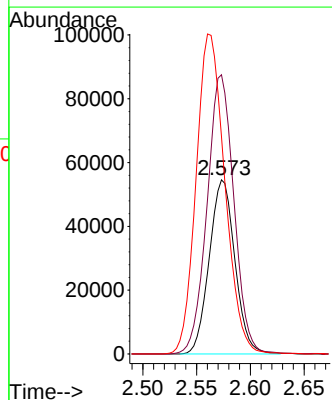
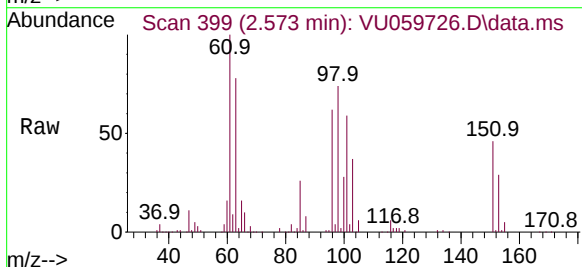
Tgt Ion: 96 Resp: 90525

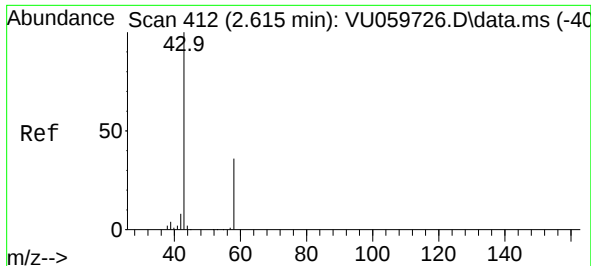
Ion Ratio Lower Upper

96 100

61 160.3 112.2 208.4

63 124.8 87.4 162.2





#13

Acetone

Concen: 71.655 ug/L

RT: 2.615 min Scan# 412

Delta R.T. 0.000 min

Lab File: VU059726.D

Acq: 02 Jul 2024 09:11

Instrument :

MSVOA_U

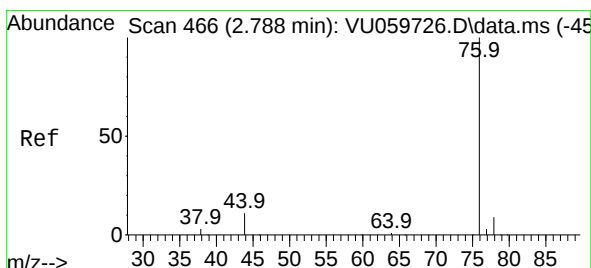
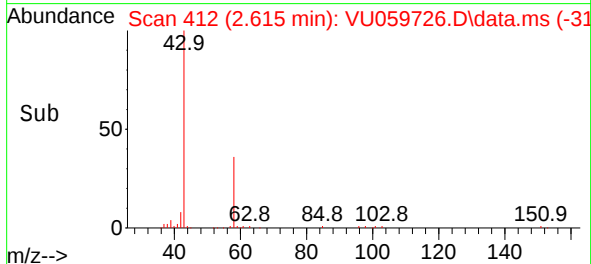
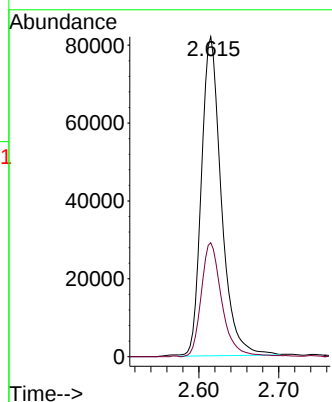
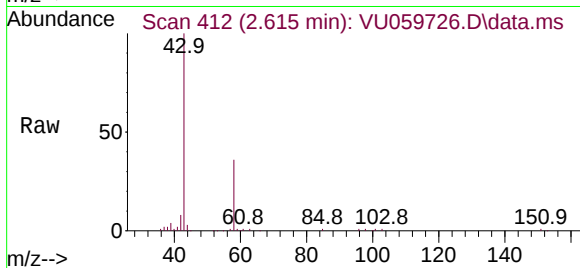
ClientSampleId :

Tgt Ion: 43 Resp: 142356

Ion Ratio Lower Upper

43 100

58 36.9 0.0 73.8



#14

Carbon disulfide

Concen: 32.172 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU059726.D

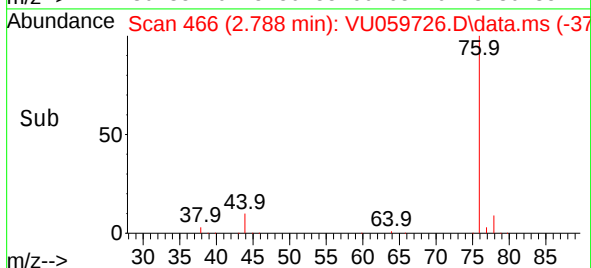
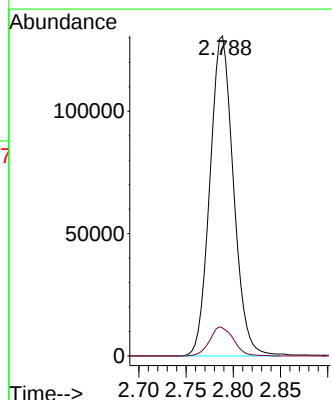
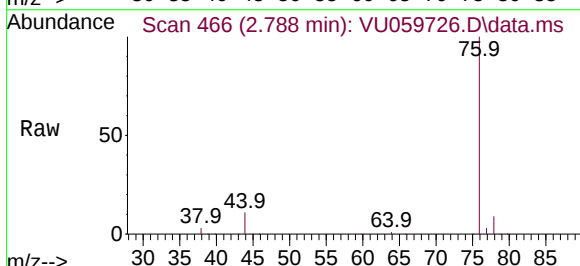
Acq: 02 Jul 2024 09:11

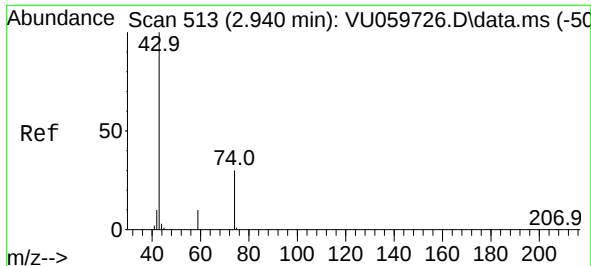
Tgt Ion: 76 Resp: 226864

Ion Ratio Lower Upper

76 100

78 8.7 7.0 10.4





#15

Methyl Acetate

Concen: 33.635 ug/L

RT: 2.940 min Scan# 513

Delta R.T. 0.000 min

Lab File: VU059726.D

Acq: 02 Jul 2024 09:11

Instrument :

MSVOA_U

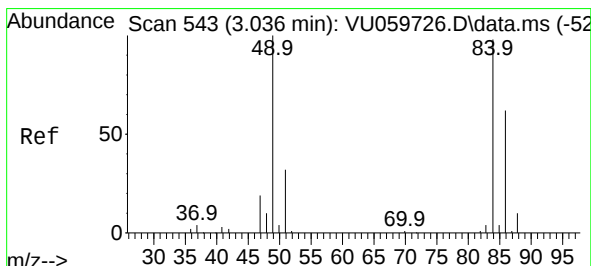
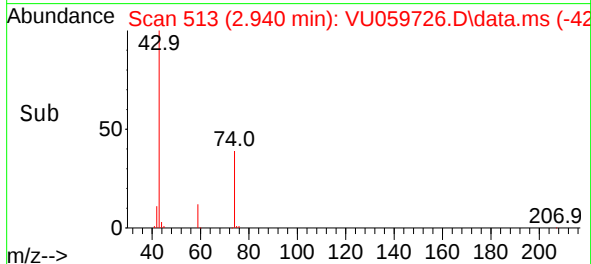
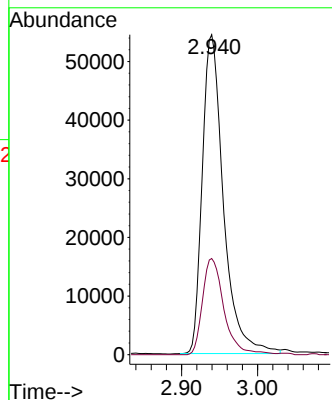
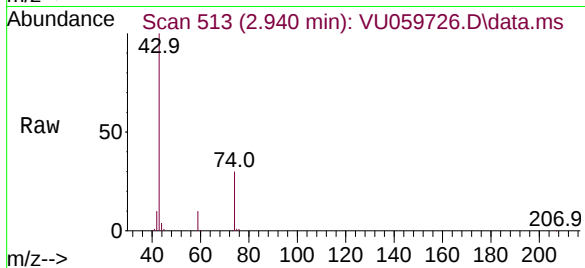
ClientSampleId :

Tgt Ion: 43 Resp: 105260

Ion Ratio Lower Upper

43 100

74 30.1 24.1 36.1



#16

Methylene chloride

Concen: 38.015 ug/L

RT: 3.036 min Scan# 543

Delta R.T. 0.000 min

Lab File: VU059726.D

Acq: 02 Jul 2024 09:11

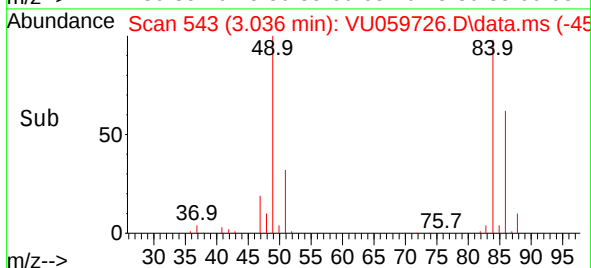
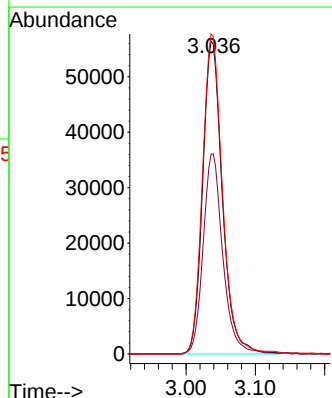
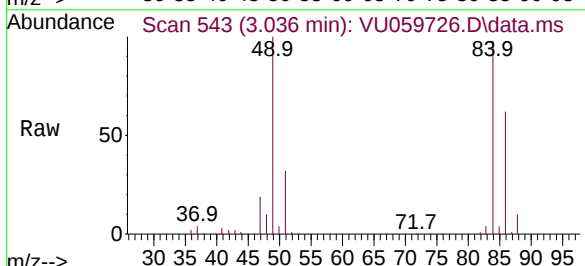
Tgt Ion: 84 Resp: 111002

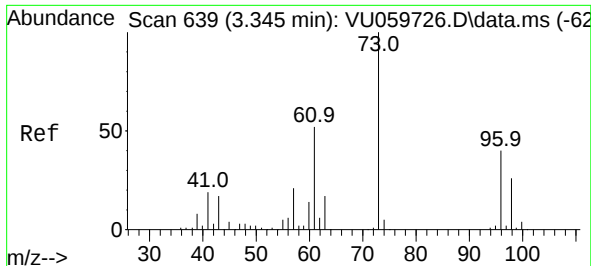
Ion Ratio Lower Upper

84 100

86 63.9 44.7 83.1

49 102.3 71.6 133.0





#17

trans-1,2-Dichloroethene

Concen: 40.258 ug/L

RT: 3.345 min Scan# 639

Delta R.T. 0.000 min

Lab File: VU059726.D

Acq: 02 Jul 2024 09:11

Instrument :

MSVOA_U

ClientSampleId :

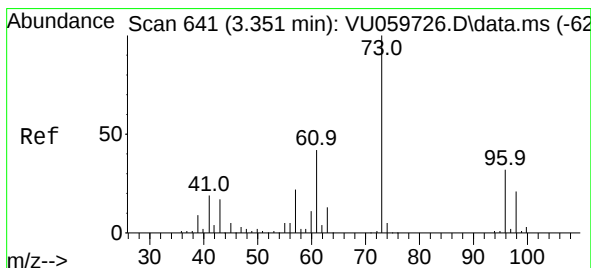
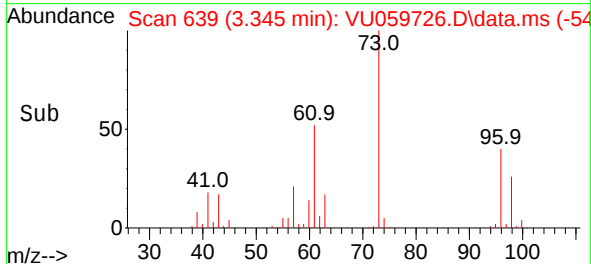
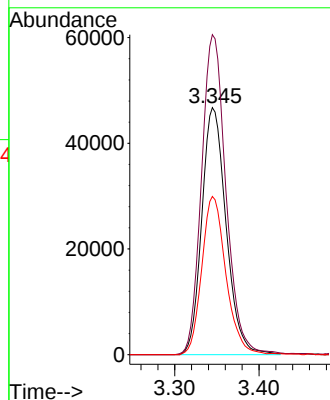
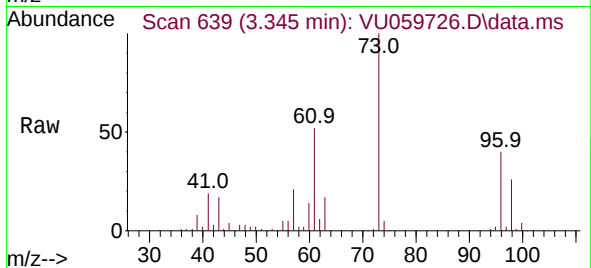
Tgt Ion: 96 Resp: 94046

Ion Ratio Lower Upper

96 100

61 129.5 90.6 168.3

98 64.1 44.9 83.3



#18

Methyl tert-butyl Ether

Concen: 40.285 ug/L

RT: 3.351 min Scan# 641

Delta R.T. 0.000 min

Lab File: VU059726.D

Acq: 02 Jul 2024 09:11

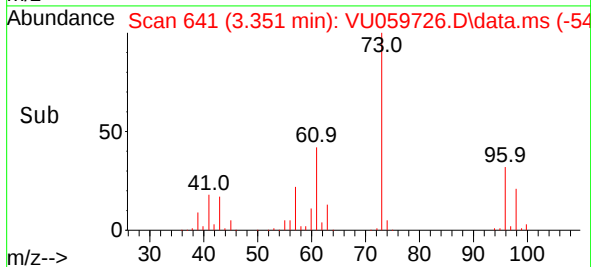
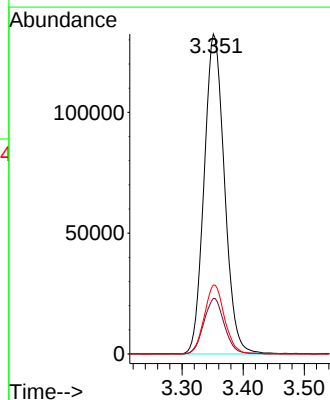
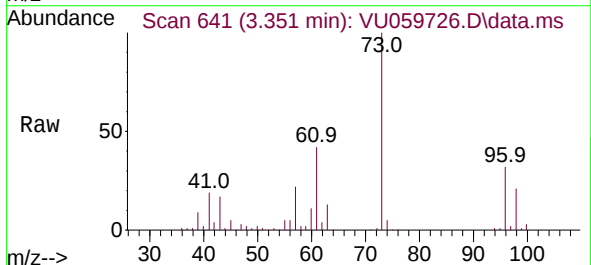
Tgt Ion: 73 Resp: 306344

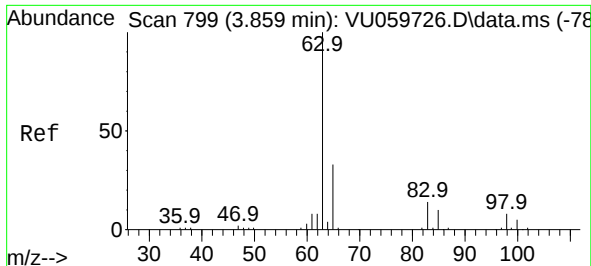
Ion Ratio Lower Upper

73 100

43 17.6 14.1 21.1

57 21.4 17.1 25.7





#19

1,1-Dichloroethane

Concen: 36.719 ug/L

RT: 3.859 min Scan# 799

Delta R.T. 0.000 min

Lab File: VU059726.D

Acq: 02 Jul 2024 09:11

Instrument :

MSVOA_U

ClientSampleId :

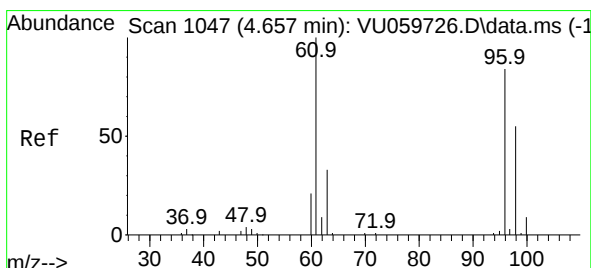
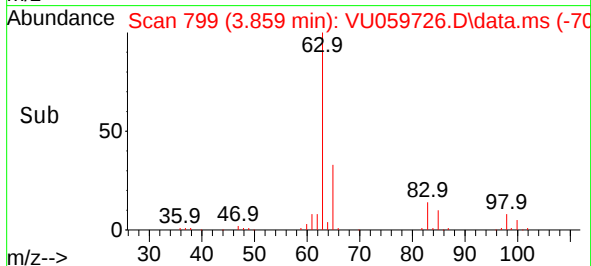
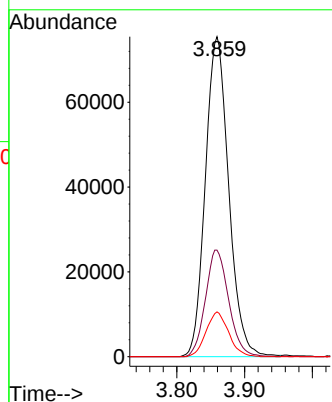
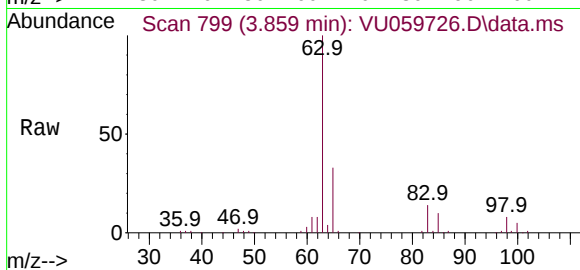
Tgt Ion: 63 Resp: 180727

Ion Ratio Lower Upper

63 100

65 33.3 23.3 43.3

83 14.0 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 42.215 ug/L

RT: 4.657 min Scan# 1047

Delta R.T. 0.000 min

Lab File: VU059726.D

Acq: 02 Jul 2024 09:11

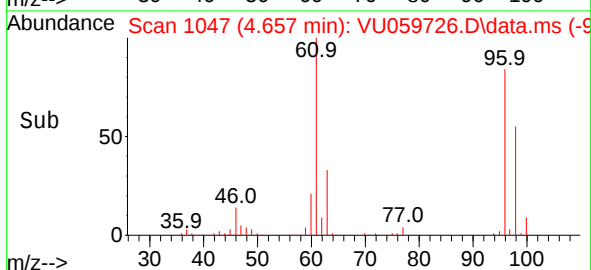
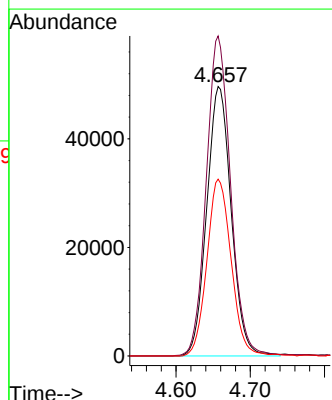
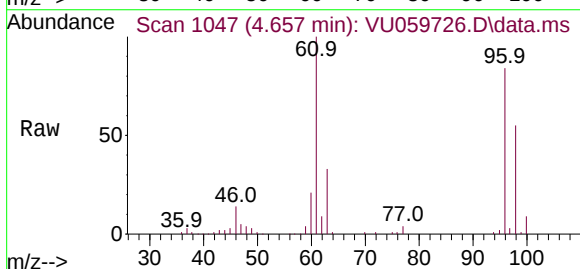
Tgt Ion: 96 Resp: 113770

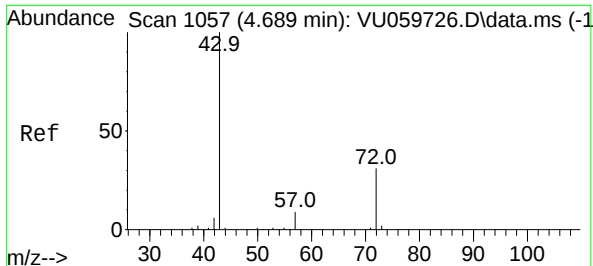
Ion Ratio Lower Upper

96 100

61 118.8 83.2 154.4

98 65.6 45.9 85.3

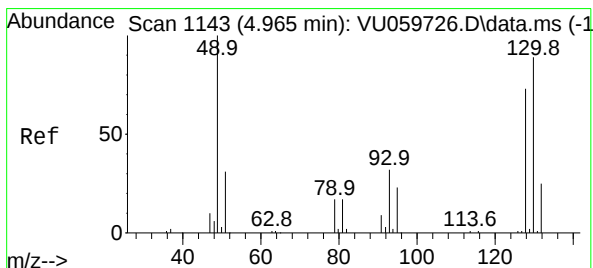
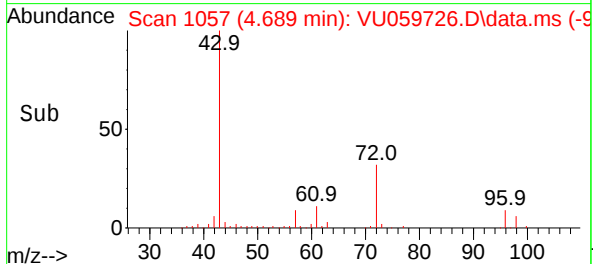
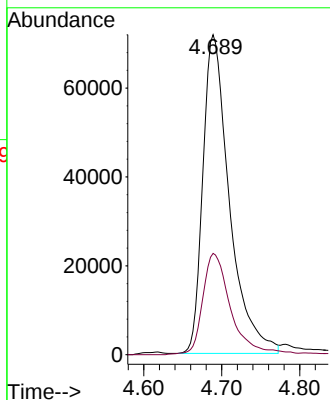
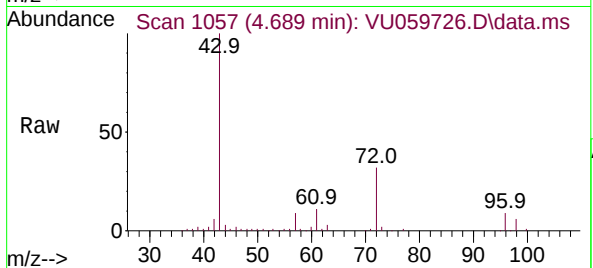




#22
2-Butanone
Concen: 70.477 ug/L
RT: 4.689 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VU059726.D
Acq: 02 Jul 2024 09:11

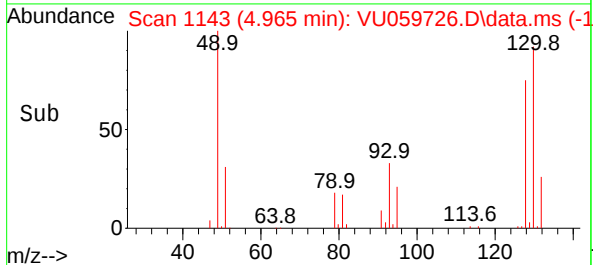
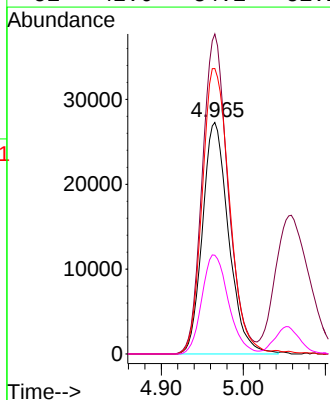
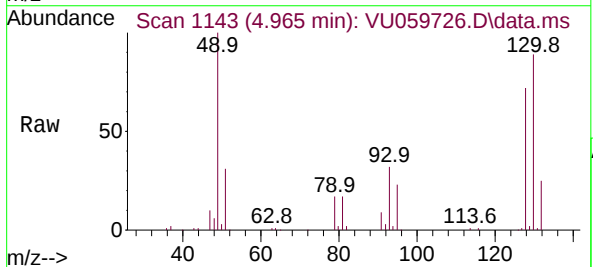
Instrument :
MSVOA_U
ClientSampleId :

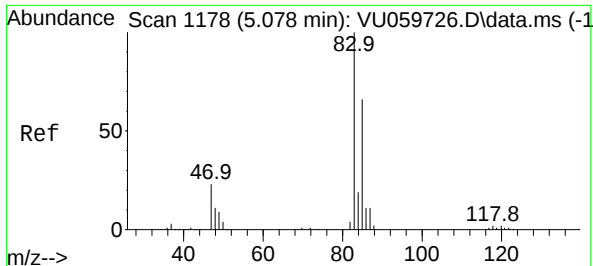
Tgt Ion: 43 Resp: 169820
Ion Ratio Lower Upper
43 100
72 32.8 16.4 49.2



#23
Bromochloromethane
Concen: 43.904 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VU059726.D
Acq: 02 Jul 2024 09:11

Tgt Ion: 128 Resp: 60347
Ion Ratio Lower Upper
128 100
49 138.2 96.7 179.7
130 123.3 86.3 160.3
51 42.6 34.1 51.1





#25

Chloroform

Concen: 39.883 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU059726.D

Acq: 02 Jul 2024 09:11

Instrument :

MSVOA_U

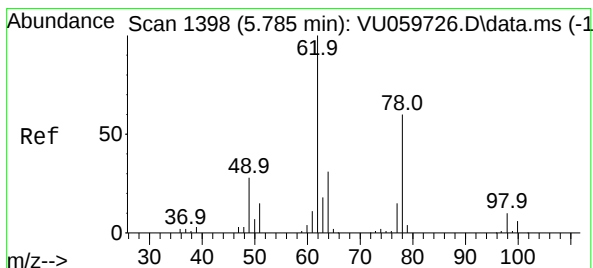
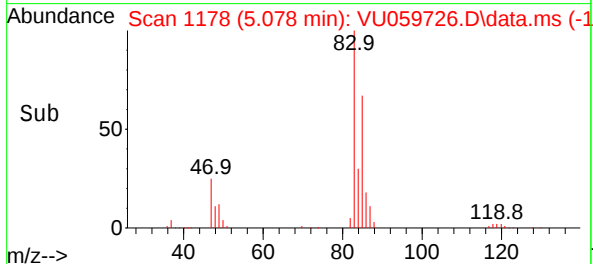
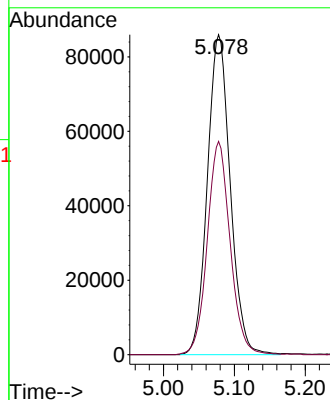
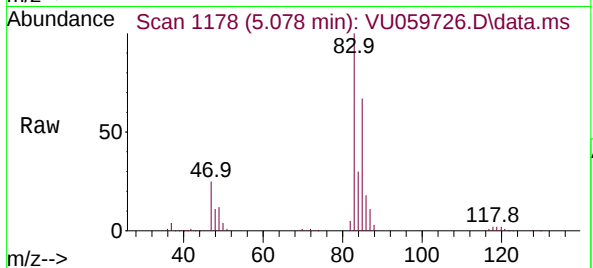
ClientSampleId :

Tgt Ion: 83 Resp: 192806

Ion Ratio Lower Upper

83 100

85 66.7 46.7 86.7



#27

1,2-Dichloroethane

Concen: 36.325 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VU059726.D

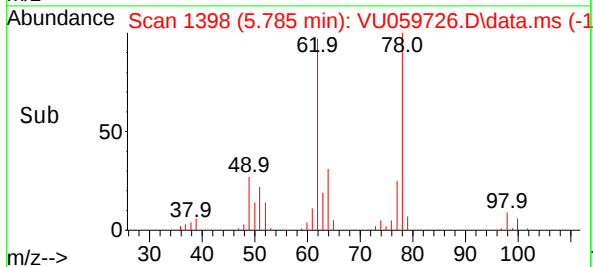
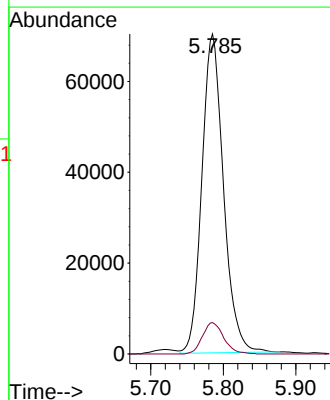
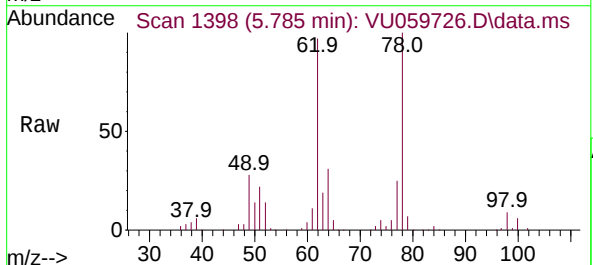
Acq: 02 Jul 2024 09:11

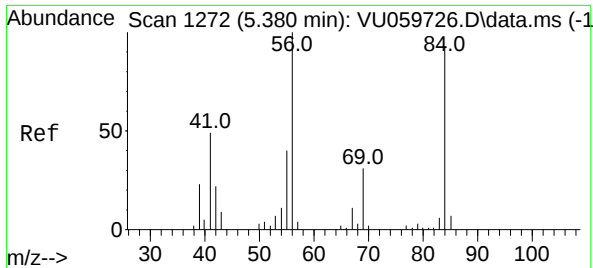
Tgt Ion: 62 Resp: 145393

Ion Ratio Lower Upper

62 100

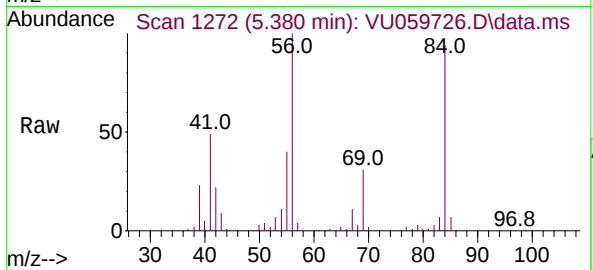
98 9.8 7.8 11.8



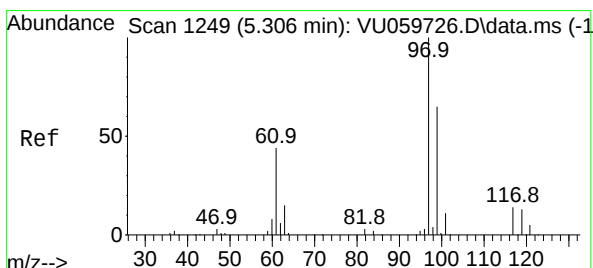
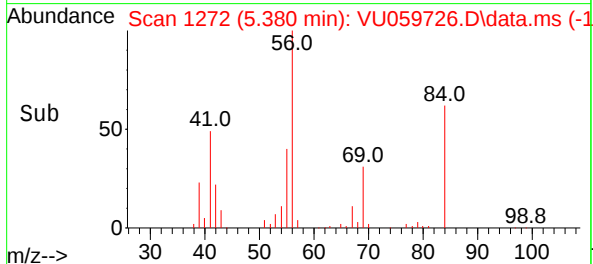
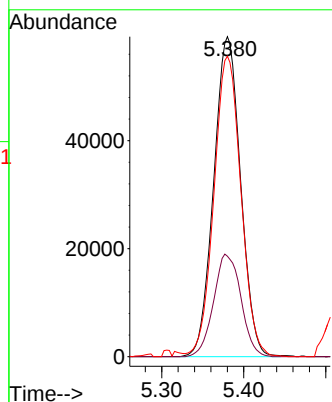


#29
Cyclohexane
Concen: 34.409 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU059726.D
Acq: 02 Jul 2024 09:11

Instrument :
MSVOA_U
ClientSampleId :

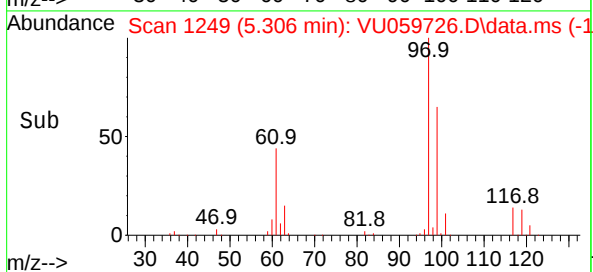
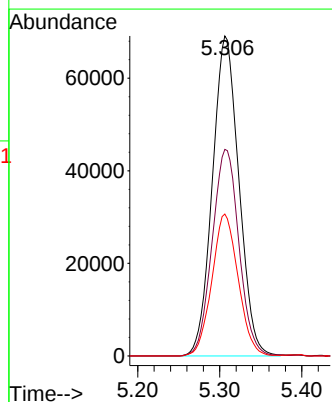
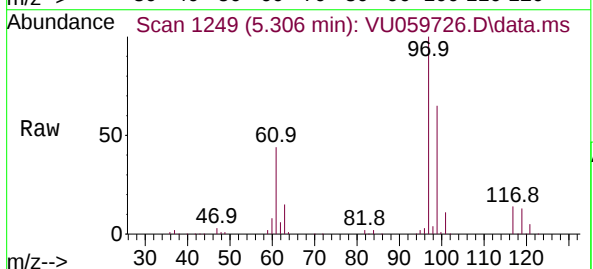


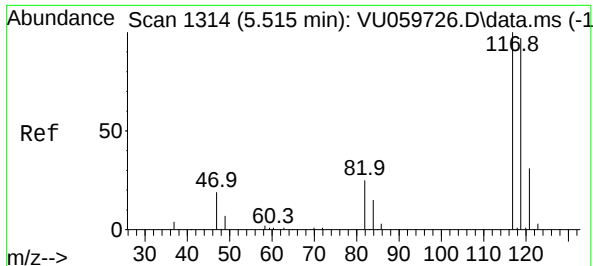
Tgt Ion:	56	Resp:	135075
Ion Ratio	Lower	Upper	
56	100		
69	32.5	26.0	39.0
84	94.4	75.5	113.3



#30
1,1,1-Trichloroethane
Concen: 39.551 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU059726.D
Acq: 02 Jul 2024 09:11

Tgt Ion:	97	Resp:	155633
Ion Ratio	Lower	Upper	
97	100		
99	65.2	52.2	78.2
61	44.0	35.2	52.8

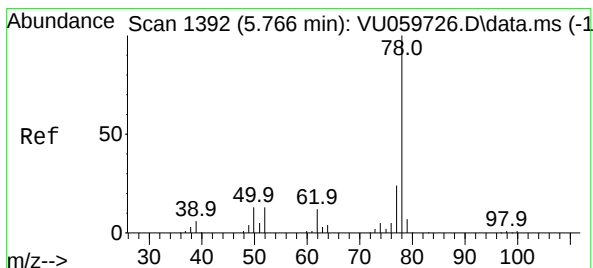
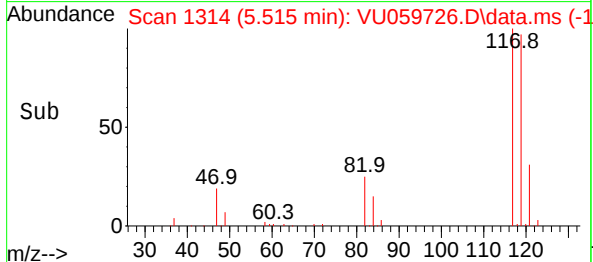
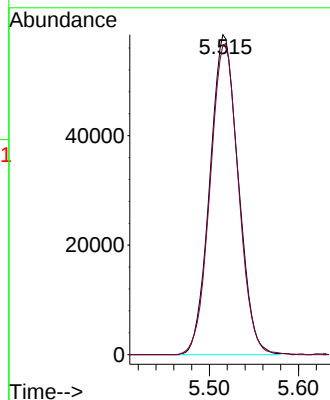
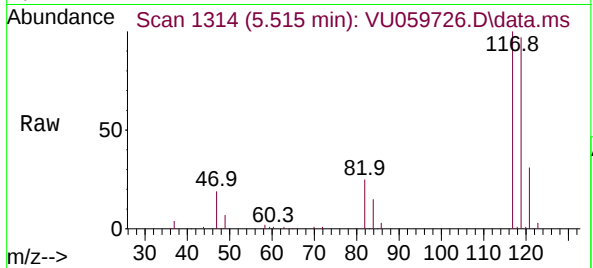




#31
Carbon tetrachloride
Concen: 40.290 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VU059726.D
Acq: 02 Jul 2024 09:11

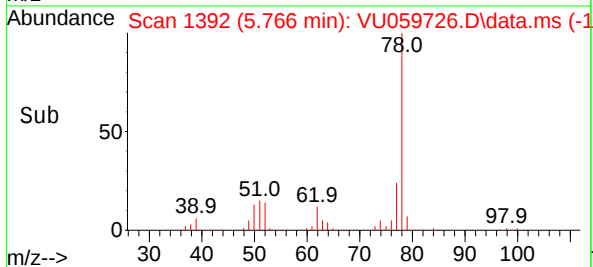
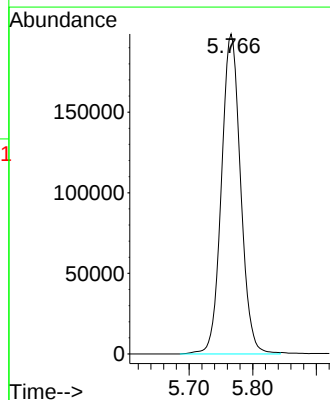
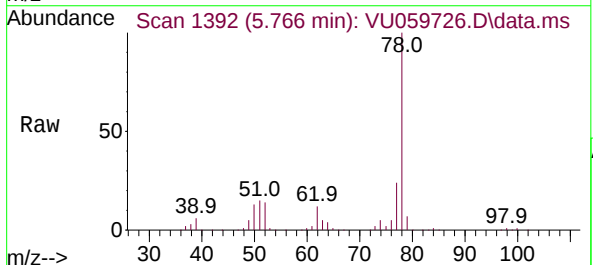
Instrument :
MSVOA_U
ClientSampleId :

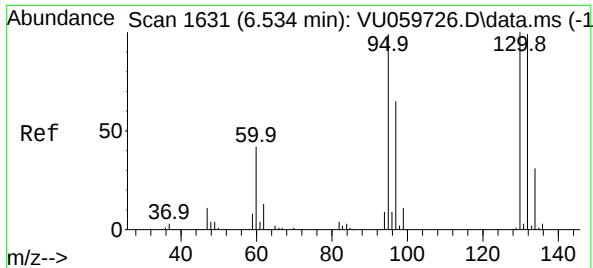
Tgt Ion:117 Resp: 129248
Ion Ratio Lower Upper
117 100
119 97.0 77.6 116.4



#33
Benzene
Concen: 38.343 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU059726.D
Acq: 02 Jul 2024 09:11

Tgt Ion: 78 Resp: 415456

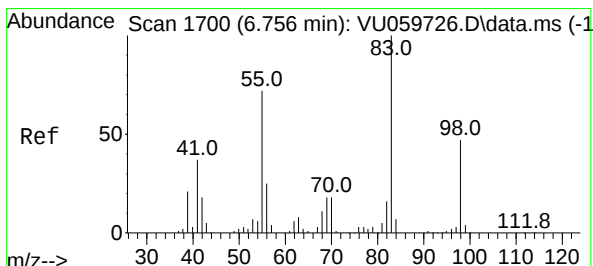
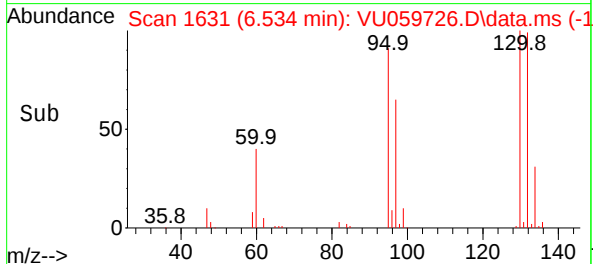
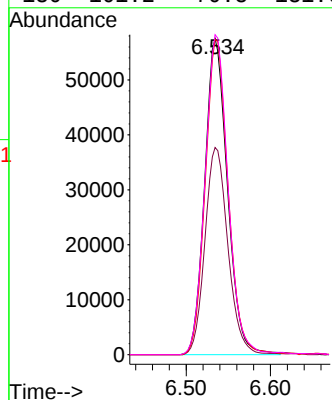
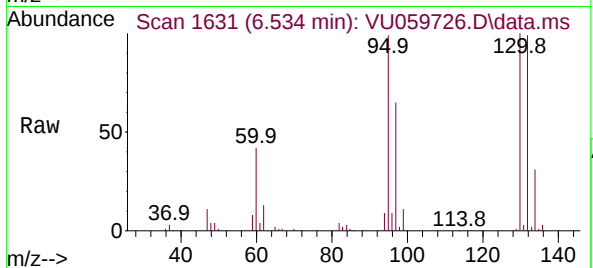




#34
Trichloroethene
Concen: 40.456 ug/L
RT: 6.534 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU059726.D
Acq: 02 Jul 2024 09:11

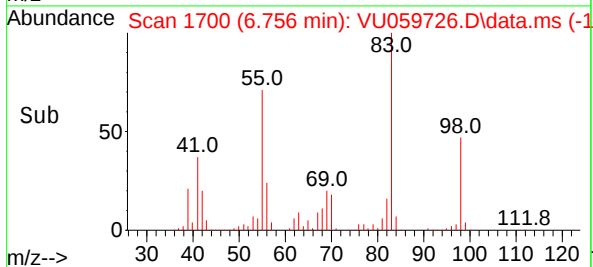
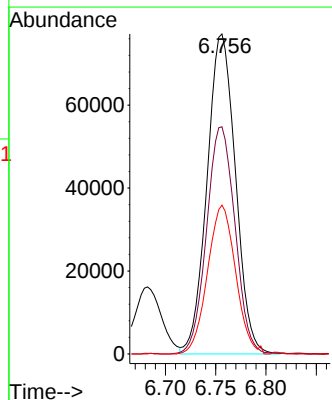
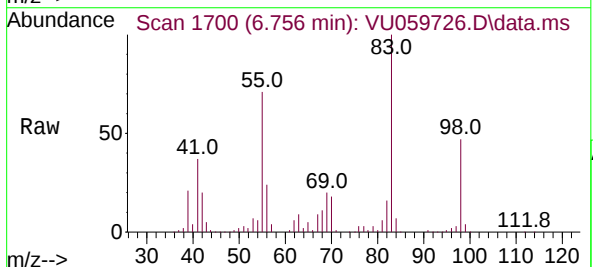
Instrument :
MSVOA_U
ClientSampleId :

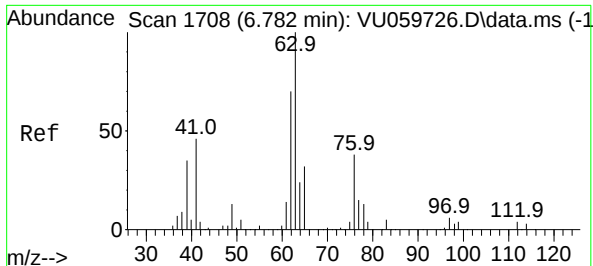
Tgt Ion: 95 Resp: 108371
Ion Ratio Lower Upper
95 100
97 65.5 45.8 85.2
132 99.7 69.8 129.6
130 101.2 70.8 131.6



#35
Methylcyclohexane
Concen: 39.079 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VU059726.D
Acq: 02 Jul 2024 09:11

Tgt Ion: 83 Resp: 151979
Ion Ratio Lower Upper
83 100
55 71.0 56.8 85.2
98 45.6 36.5 54.7

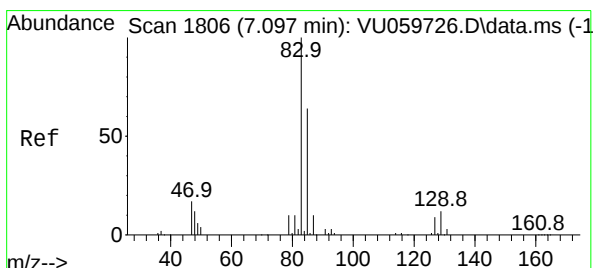
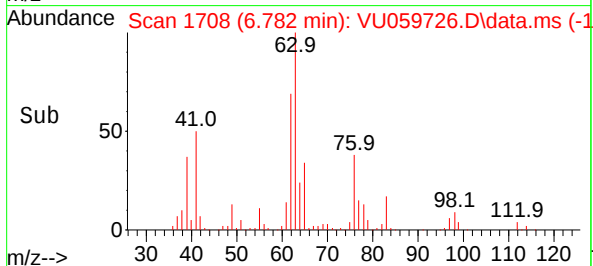
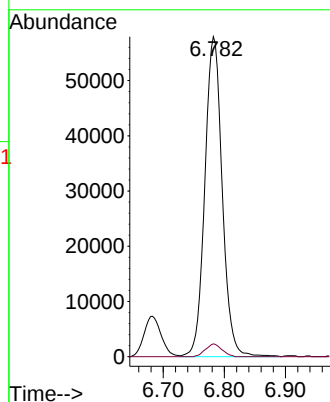
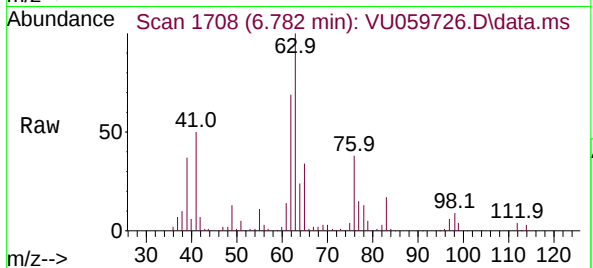




#37
1,2-Dichloropropane
Concen: 37.450 ug/L
RT: 6.782 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU059726.D
Acq: 02 Jul 2024 09:11

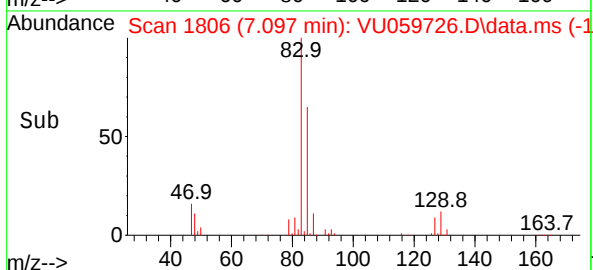
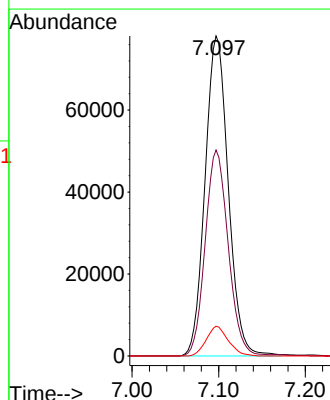
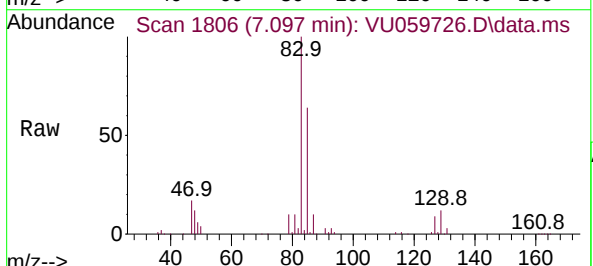
Instrument :
MSVOA_U
ClientSampleId :

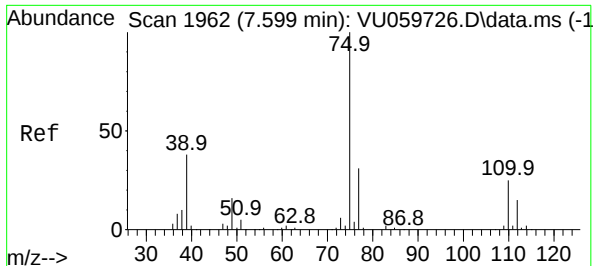
Tgt Ion: 63 Resp: 114577
Ion Ratio Lower Upper
63 100
112 3.8 3.0 4.6



#38
Bromodichloromethane
Concen: 40.098 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU059726.D
Acq: 02 Jul 2024 09:11

Tgt Ion: 83 Resp: 145411
Ion Ratio Lower Upper
83 100
85 64.3 45.0 83.6
127 9.3 7.4 11.2

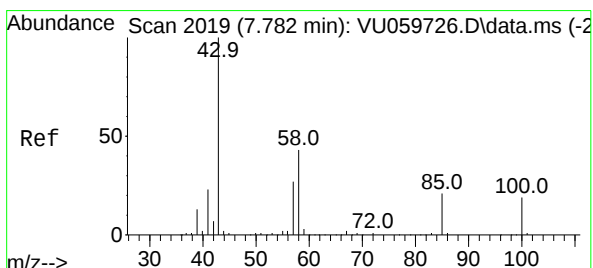
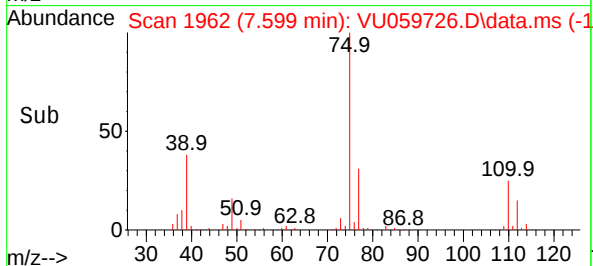
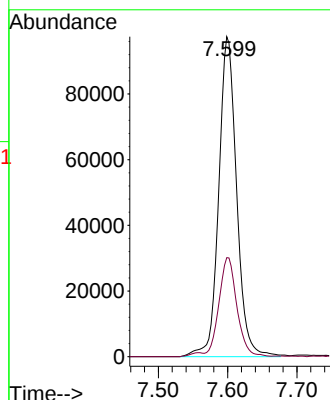
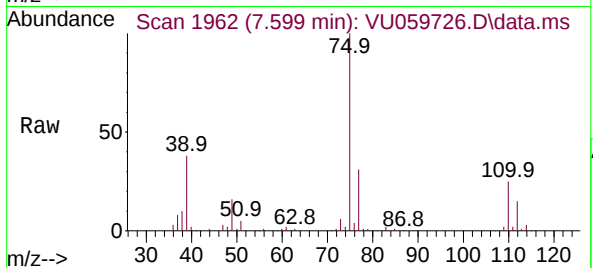




#39
 cis-1,3-Dichloropropene
 Concen: 40.825 ug/L
 RT: 7.599 min Scan# 1962
 Delta R.T. 0.000 min
 Lab File: VU059726.D
 Acq: 02 Jul 2024 09:11

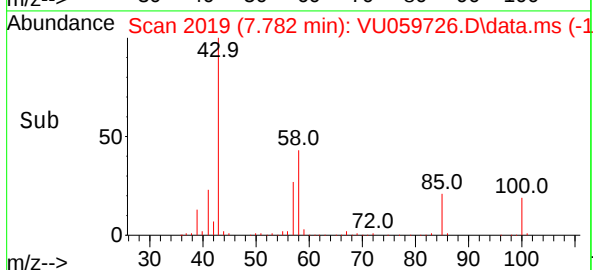
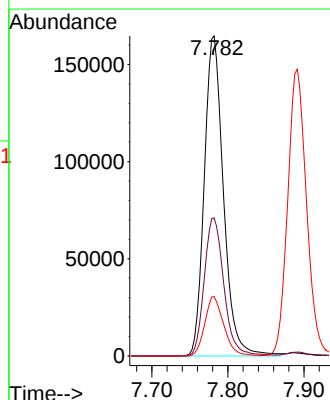
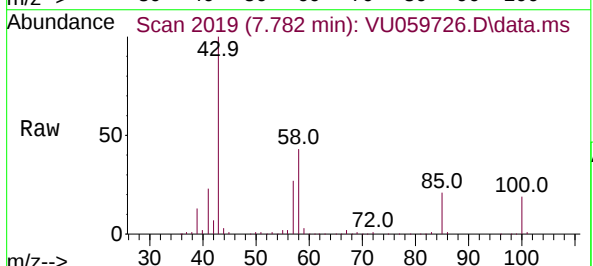
Instrument :
 MSVOA_U
 ClientSampleId :

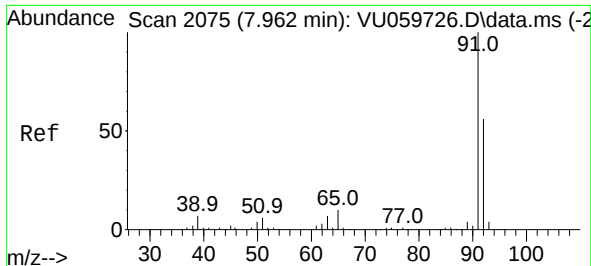
Tgt Ion: 75 Resp: 175428
 Ion Ratio Lower Upper
 75 100
 77 30.9 21.6 40.2



#40
 4-Methyl-2-pentanone
 Concen: 72.774 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VU059726.D
 Acq: 02 Jul 2024 09:11

Tgt Ion: 43 Resp: 289307
 Ion Ratio Lower Upper
 43 100
 58 44.1 35.3 52.9
 100 18.3 14.6 22.0





#42

Toluene

Concen: 41.710 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU059726.D

Acq: 02 Jul 2024 09:11

Instrument :

MSVOA_U

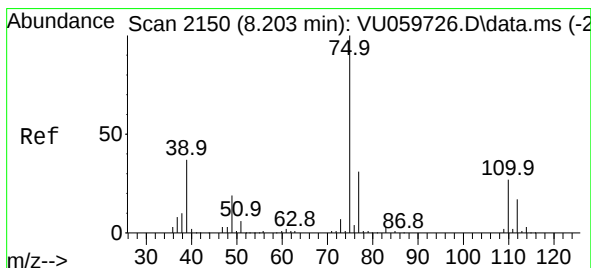
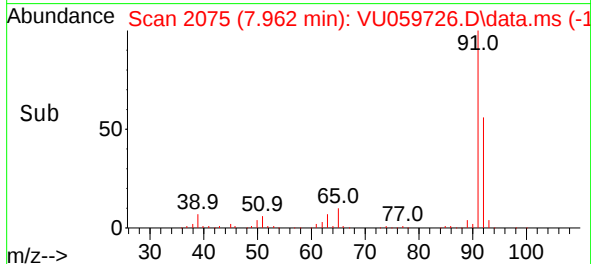
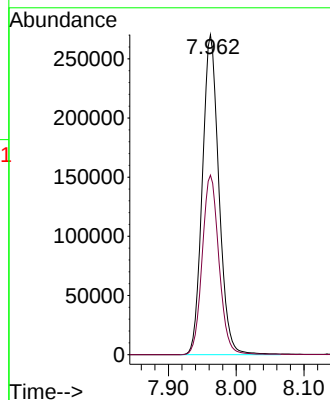
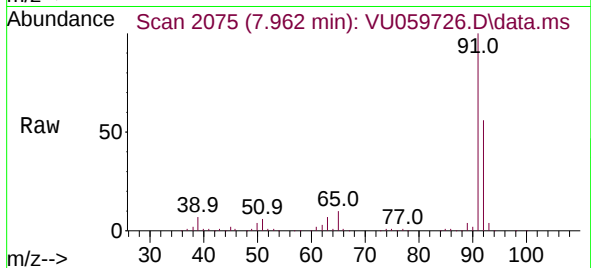
ClientSampleId :

Tgt Ion: 91 Resp: 458379

Ion Ratio Lower Upper

91 100

92 56.1 39.3 72.9



#44

trans-1,3-Dichloropropene

Concen: 40.991 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU059726.D

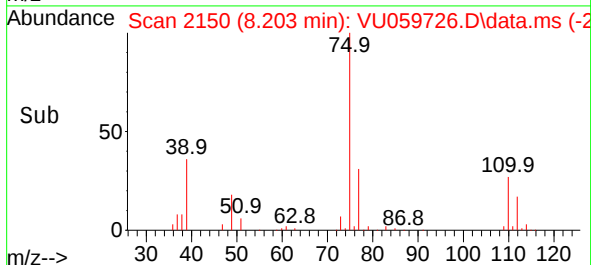
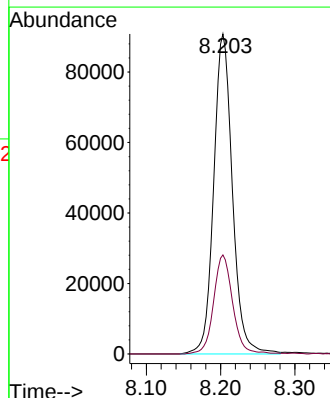
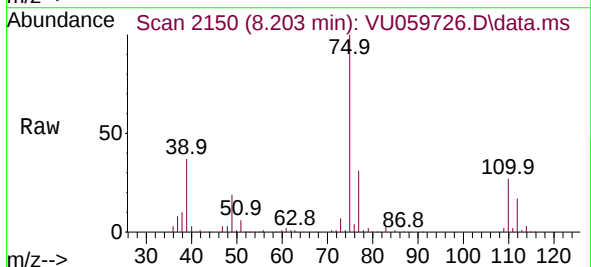
Acq: 02 Jul 2024 09:11

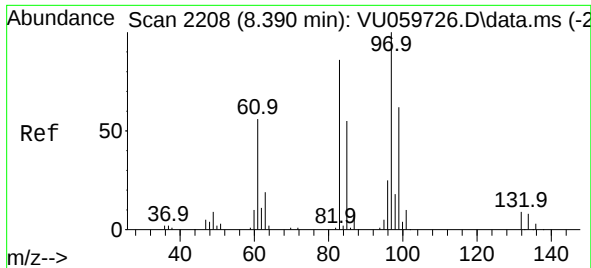
Tgt Ion: 75 Resp: 159028

Ion Ratio Lower Upper

75 100

77 31.0 21.7 40.3

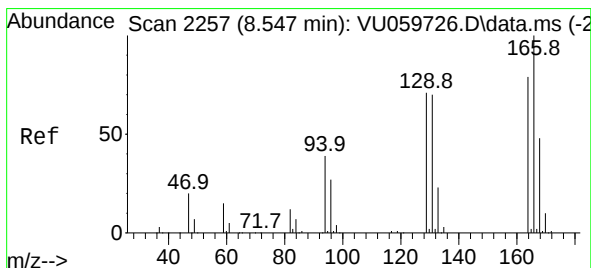
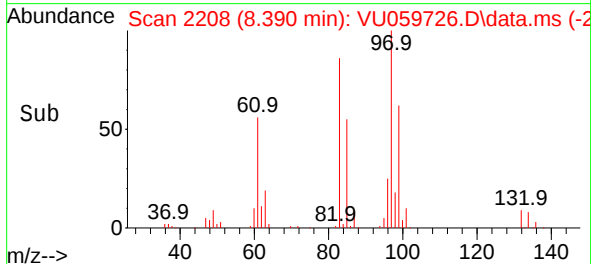
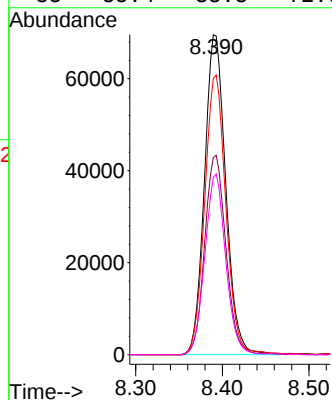
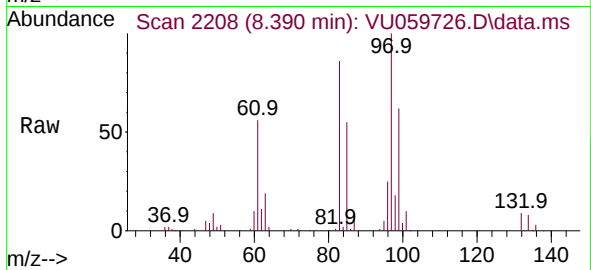




#45
1,1,2-Trichloroethane
Concen: 42.140 ug/L
RT: 8.390 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VU059726.D
Acq: 02 Jul 2024 09:11

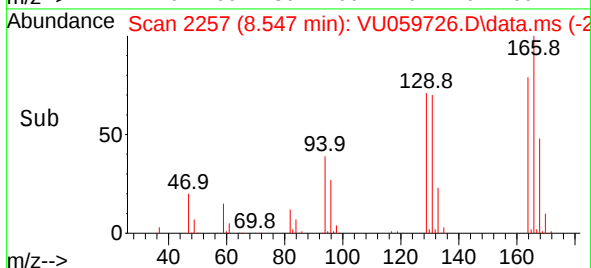
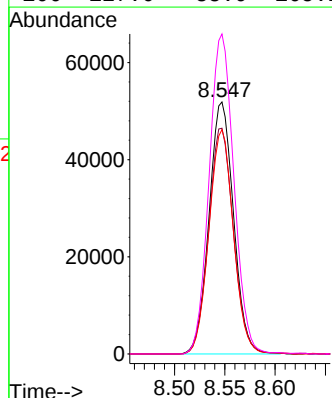
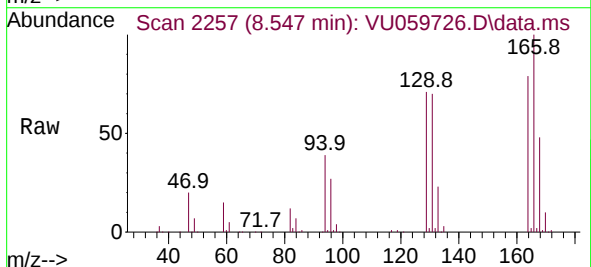
Instrument :
MSVOA_U
ClientSampleId :

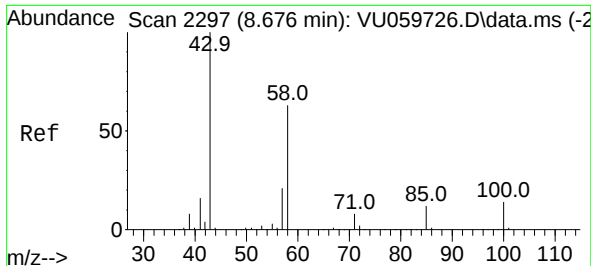
Tgt Ion:	97	Resp:	118674
Ion	Ratio	Lower	Upper
97	100		
99	61.6	43.1	80.1
83	86.3	60.4	112.2
85	55.4	38.8	72.0



#46
Tetrachloroethene
Concen: 47.435 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU059726.D
Acq: 02 Jul 2024 09:11

Tgt Ion:	164	Resp:	88034
Ion	Ratio	Lower	Upper
164	100		
129	89.6	62.7	116.5
131	89.0	62.3	115.7
166	127.0	88.9	165.1

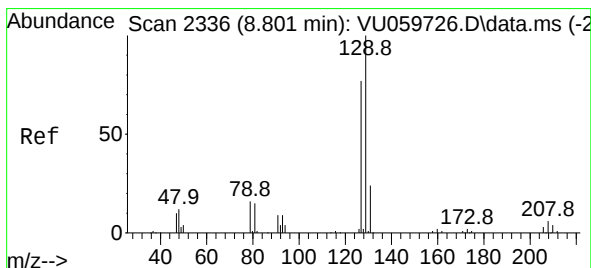
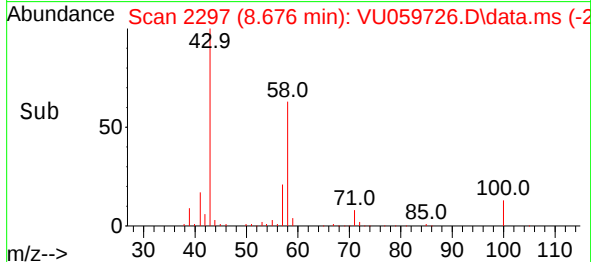
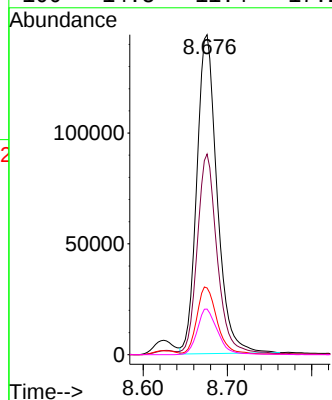
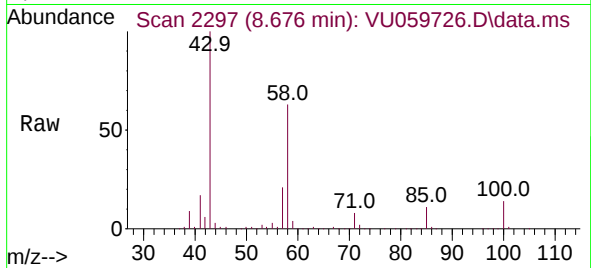




#48
2-Hexanone
Concen: 72.069 ug/L
RT: 8.676 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU059726.D
Acq: 02 Jul 2024 09:11

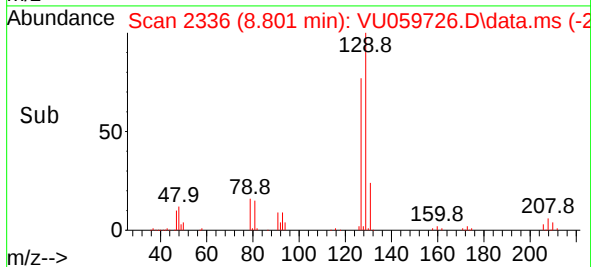
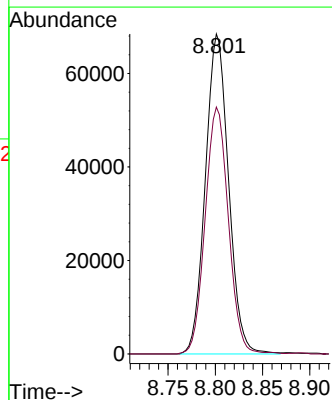
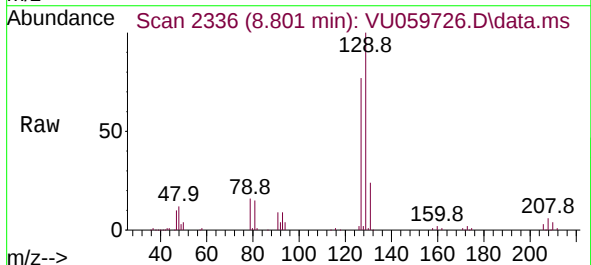
Instrument :
MSVOA_U
ClientSampleId :

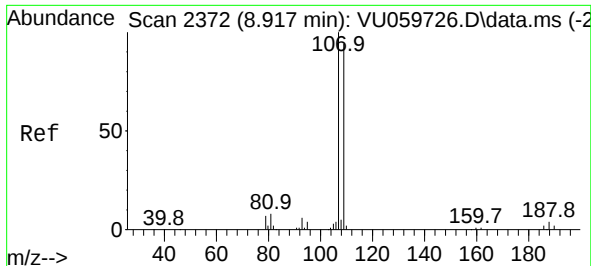
Tgt Ion: 43 Resp: 241933
Ion Ratio Lower Upper
43 100
58 61.3 49.0 73.6
57 20.9 16.7 25.1
100 14.3 11.4 17.2



#49
Dibromochloromethane
Concen: 45.257 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU059726.D
Acq: 02 Jul 2024 09:11

Tgt Ion: 129 Resp: 116863
Ion Ratio Lower Upper
129 100
127 77.1 54.0 100.2

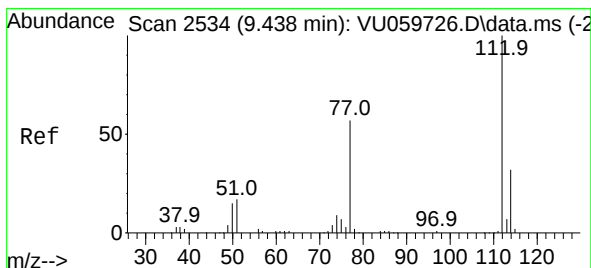
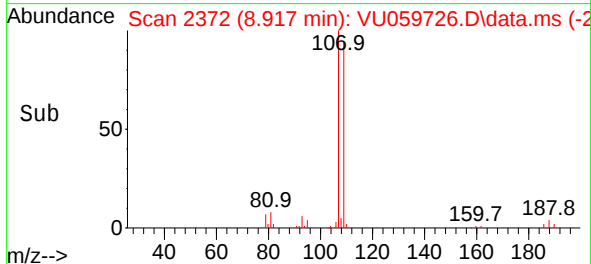
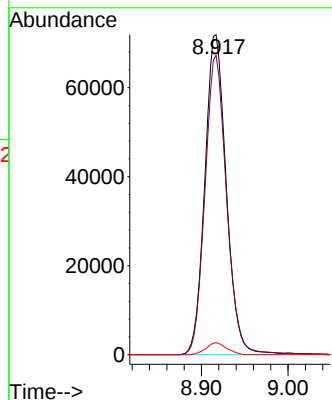
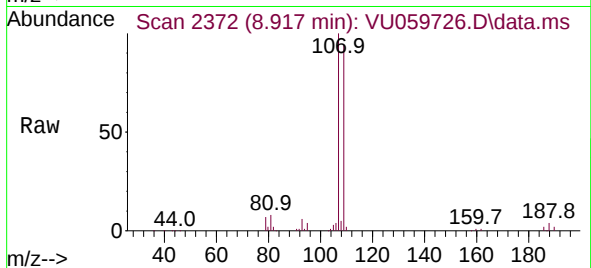




#50
1,2-Dibromoethane
Concen: 42.361 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU059726.D
Acq: 02 Jul 2024 09:11

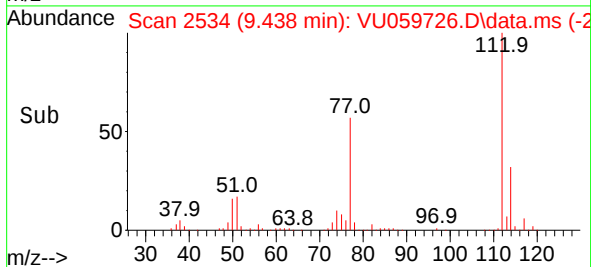
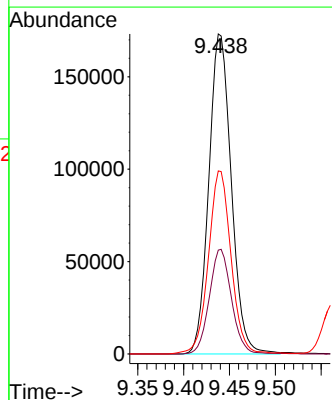
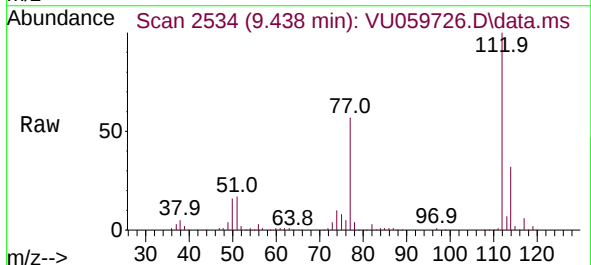
Instrument :
MSVOA_U
ClientSampleId :

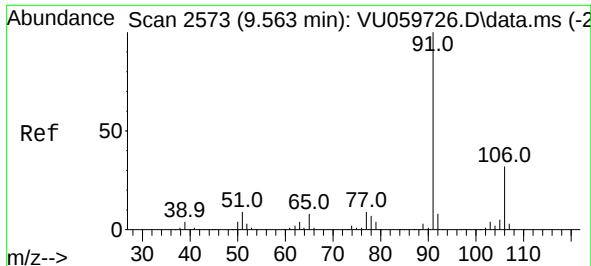
Tgt Ion:107 Resp: 123653
Ion Ratio Lower Upper
107 100
109 93.5 65.5 121.6
188 3.7 3.0 4.4



#51
Chlorobenzene
Concen: 43.759 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. 0.000 min
Lab File: VU059726.D
Acq: 02 Jul 2024 09:11

Tgt Ion:112 Resp: 295307
Ion Ratio Lower Upper
112 100
114 32.5 22.7 42.3
77 57.2 45.8 68.6





#52

Ethylbenzene

Concen: 42.724 ug/L

RT: 9.563 min Scan# 2573

Delta R.T. 0.000 min

Lab File: VU059726.D

Acq: 02 Jul 2024 09:11

Instrument :

MSVOA_U

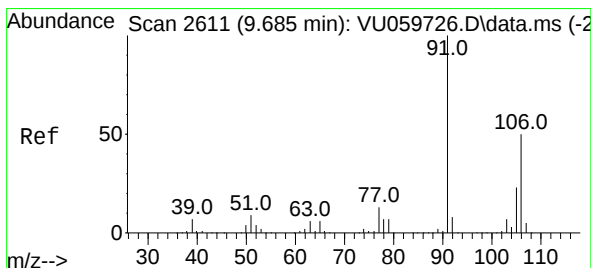
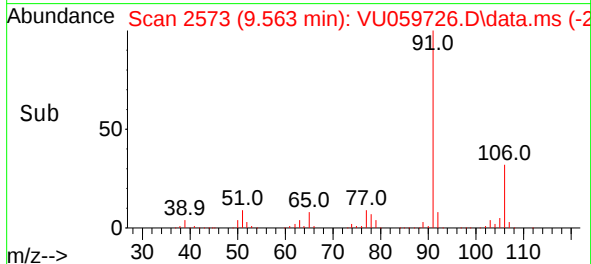
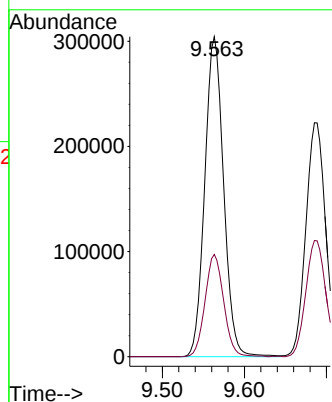
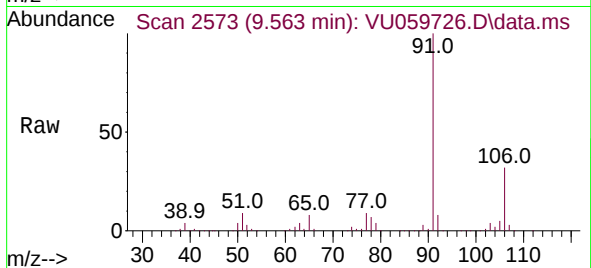
ClientSampleId :

Tgt Ion: 91 Resp: 485775

Ion Ratio Lower Upper

91 100

106 32.0 22.4 41.6



#53

m,p-Xylene

Concen: 44.941 ug/L

RT: 9.685 min Scan# 2611

Delta R.T. 0.000 min

Lab File: VU059726.D

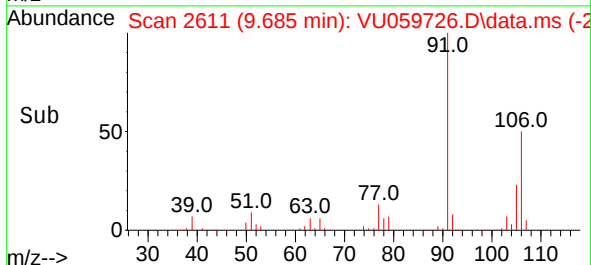
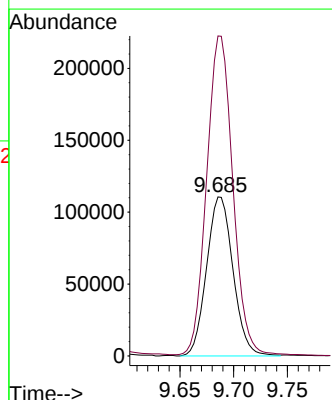
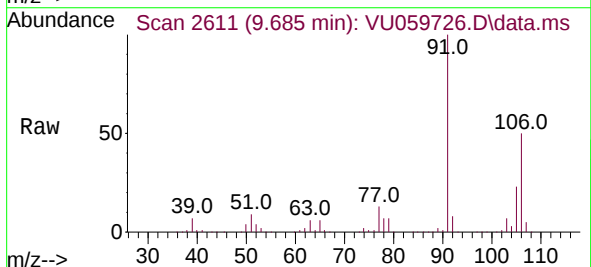
Acq: 02 Jul 2024 09:11

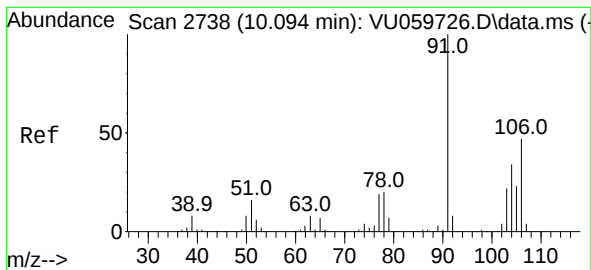
Tgt Ion:106 Resp: 189253

Ion Ratio Lower Upper

106 100

91 201.3 140.9 261.7

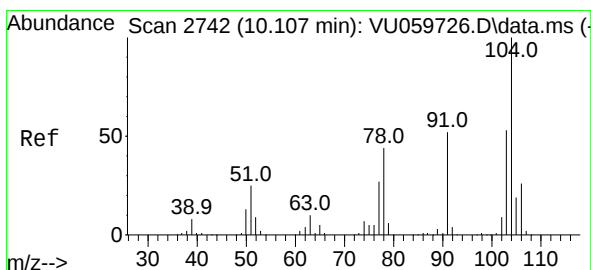
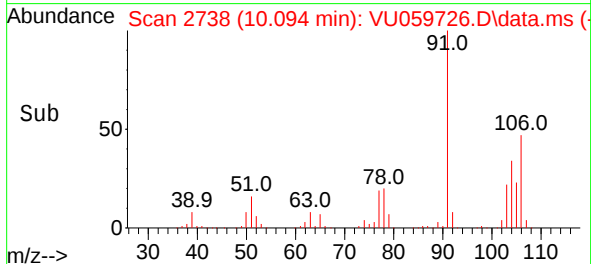
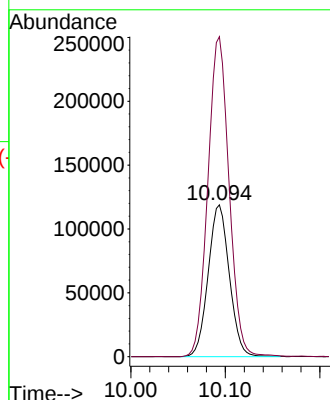
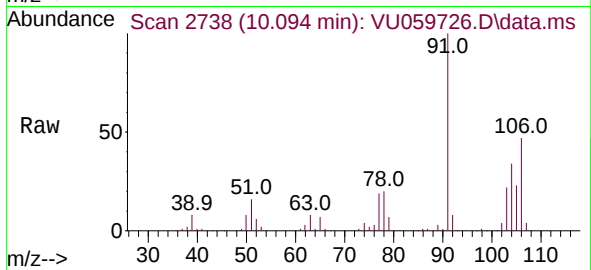




#54
o-Xylene
Concen: 45.256 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU059726.D
Acq: 02 Jul 2024 09:11

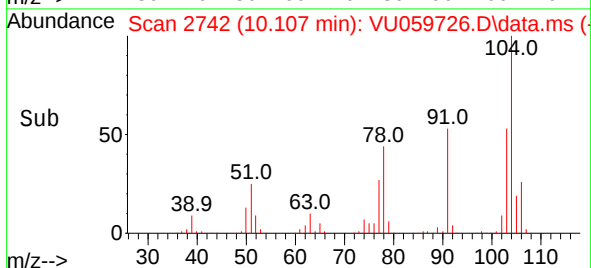
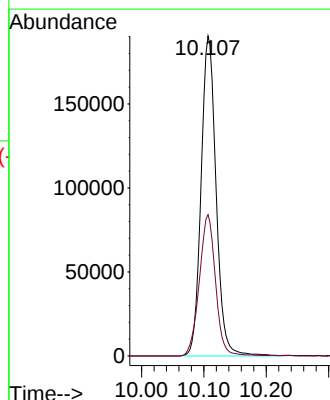
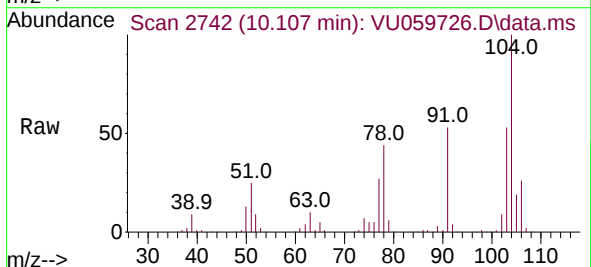
Instrument :
MSVOA_U
ClientSampleId :

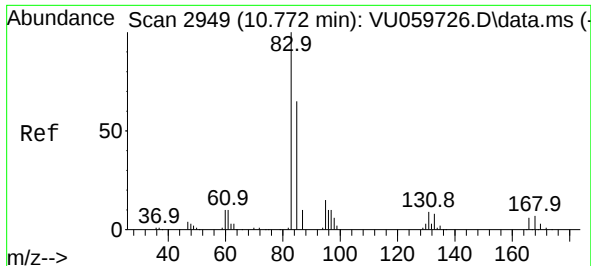
Tgt Ion:106 Resp: 184988
Ion Ratio Lower Upper
106 100
91 210.6 147.4 273.8



#55
Styrene
Concen: 46.063 ug/L
RT: 10.107 min Scan# 2742
Delta R.T. 0.000 min
Lab File: VU059726.D
Acq: 02 Jul 2024 09:11

Tgt Ion:104 Resp: 319624
Ion Ratio Lower Upper
104 100
78 44.2 30.9 57.5

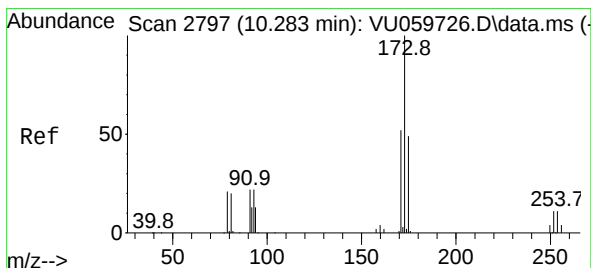
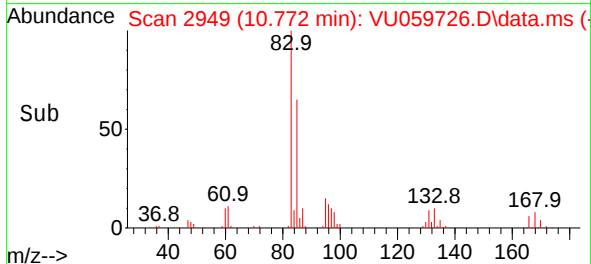
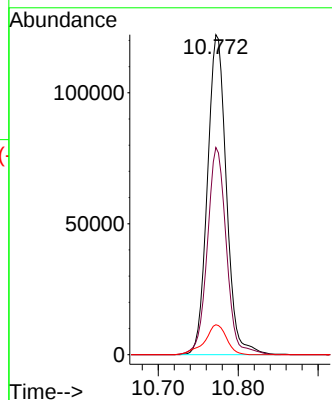
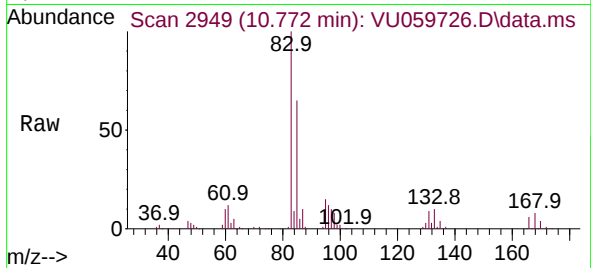




#57
1,1,2,2-Tetrachloroethane
Concen: 39.530 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU059726.D
Acq: 02 Jul 2024 09:11

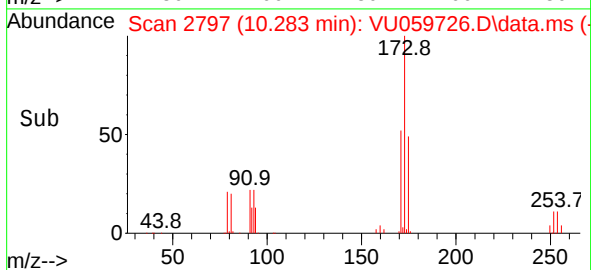
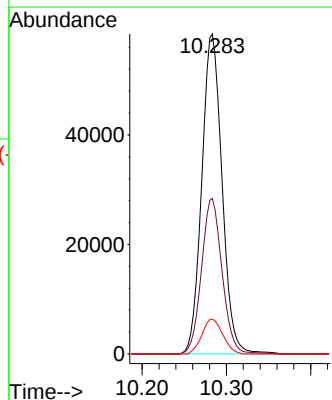
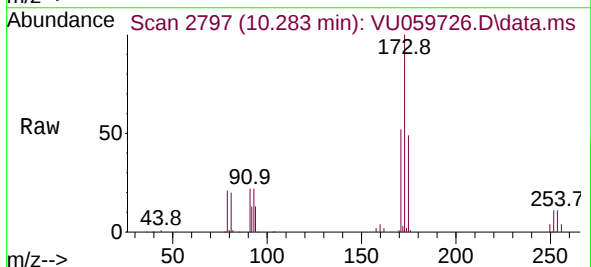
Instrument :
MSVOA_U
ClientSampleId :

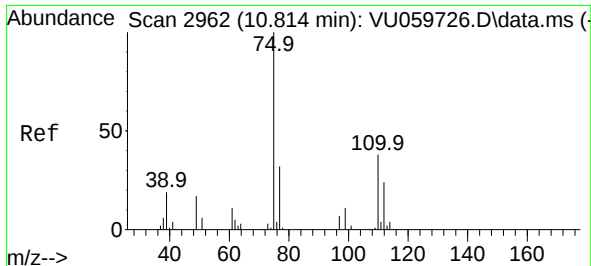
Tgt Ion: 83 Resp: 201453
Ion Ratio Lower Upper
83 100
85 64.8 45.4 84.2
131 9.4 7.5 11.3



#59
Bromoform
Concen: 45.036 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VU059726.D
Acq: 02 Jul 2024 09:11

Tgt Ion:173 Resp: 97921
Ion Ratio Lower Upper
173 100
175 49.3 39.4 59.2
254 11.2 9.0 13.4





#60

1,2,3-Trichloropropane

Concen: 34.142 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. 0.000 min

Lab File: VU059726.D

Acq: 02 Jul 2024 09:11

Instrument :

MSVOA_U

ClientSampleId :

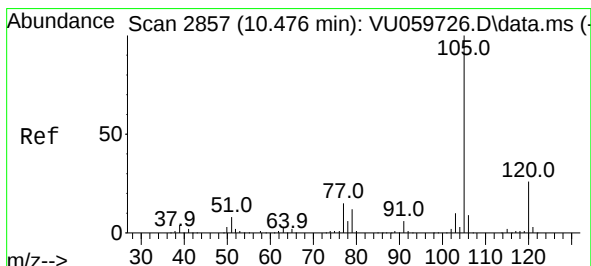
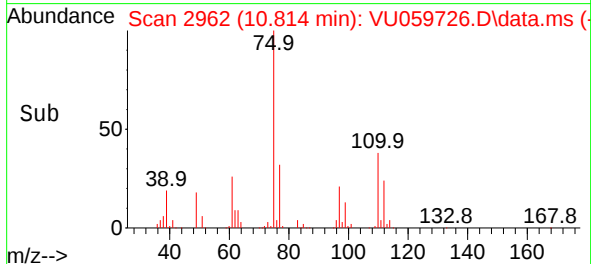
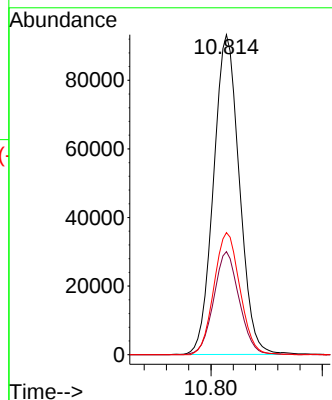
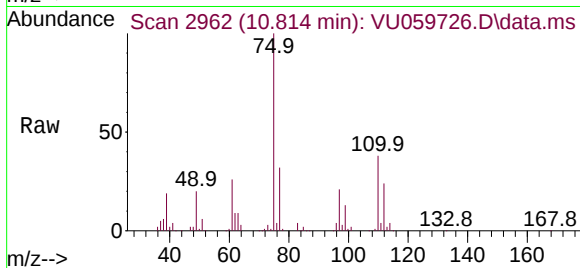
Tgt Ion: 75 Resp: 149760

Ion Ratio Lower Upper

75 100

77 31.9 25.5 38.3

110 38.4 30.7 46.1



#61

Isopropylbenzene

Concen: 43.321 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU059726.D

Acq: 02 Jul 2024 09:11

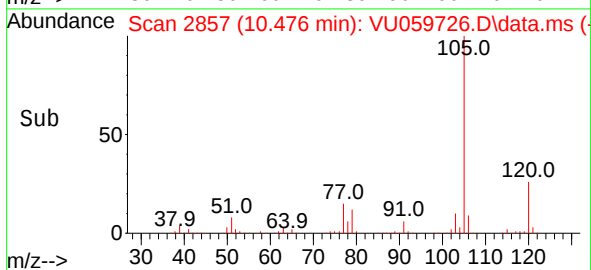
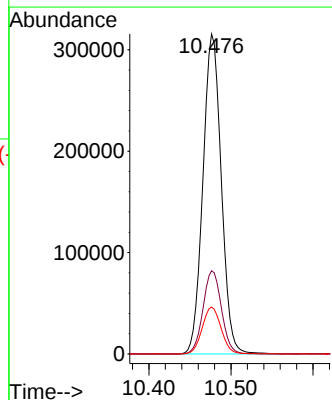
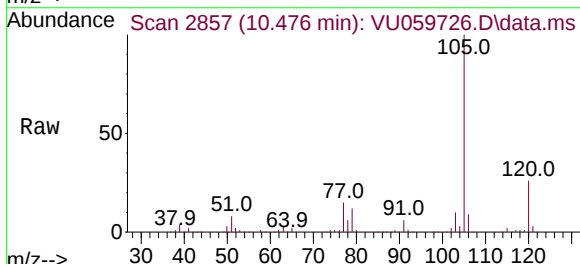
Tgt Ion: 105 Resp: 490747

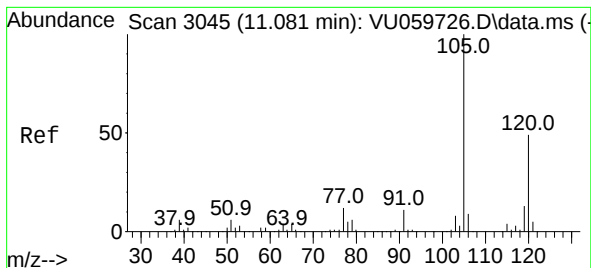
Ion Ratio Lower Upper

105 100

120 26.1 20.9 31.3

77 15.1 12.1 18.1





#62

1,3,5-Trimethylbenzene

Concen: 43.026 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. 0.000 min

Lab File: VU059726.D

Acq: 02 Jul 2024 09:11

Instrument :

MSVOA_U

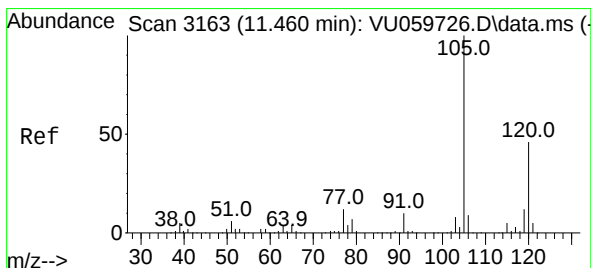
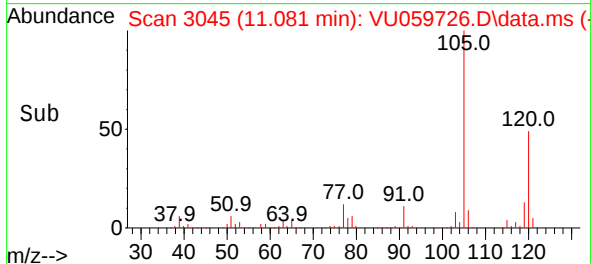
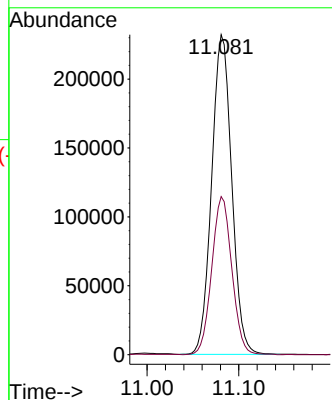
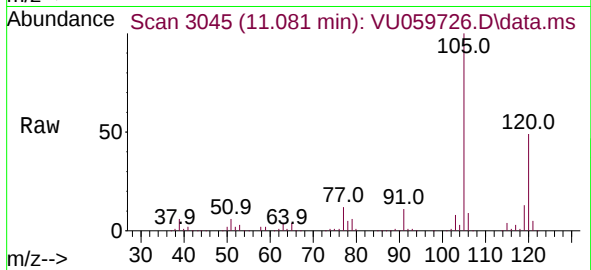
ClientSampleId :

Tgt Ion:105 Resp: 353170

Ion Ratio Lower Upper

105 100

120 49.4 39.5 59.3



#63

1,2,4-Trimethylbenzene

Concen: 43.896 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VU059726.D

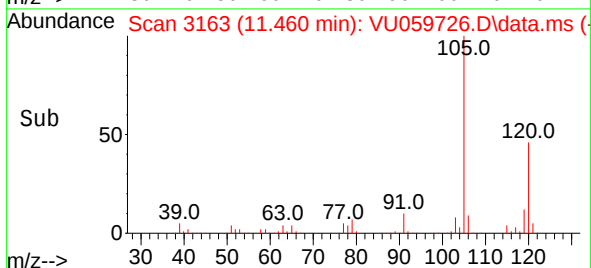
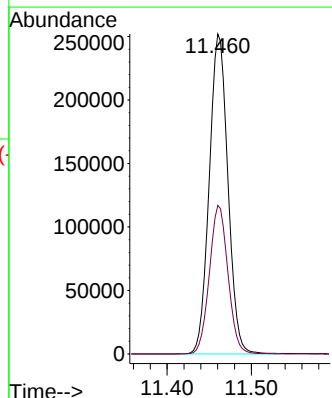
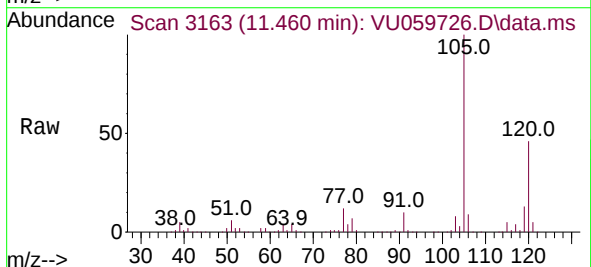
Acq: 02 Jul 2024 09:11

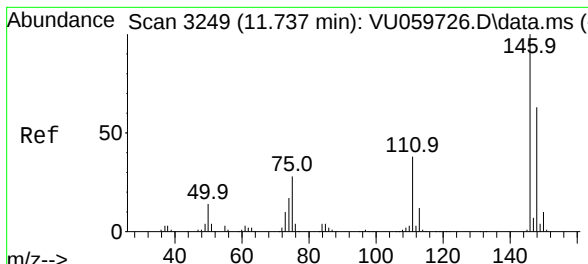
Tgt Ion:105 Resp: 388093

Ion Ratio Lower Upper

105 100

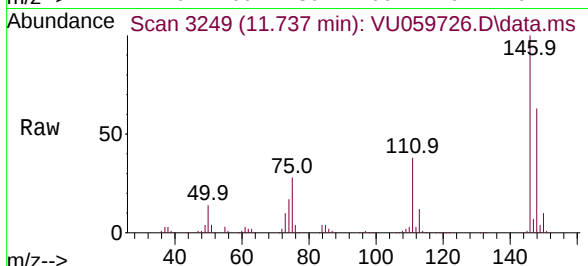
120 46.3 37.0 55.6



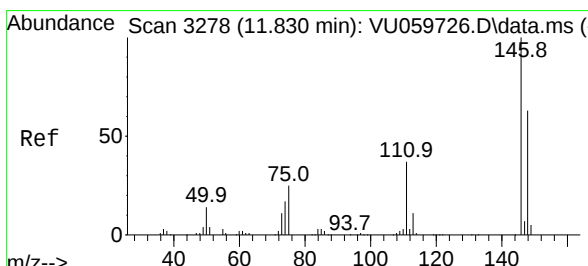
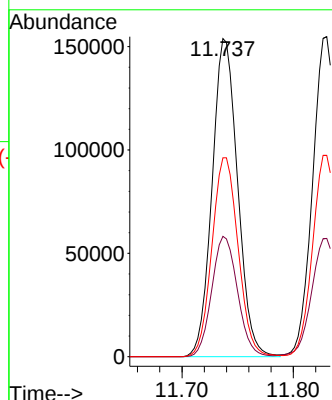
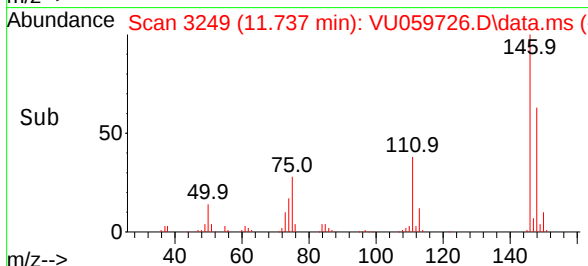


#64
 1,3-Dichlorobenzene
 Concen: 45.277 ug/L
 RT: 11.737 min Scan# 3249
 Delta R.T. 0.000 min
 Lab File: VU059726.D
 Acq: 02 Jul 2024 09:11

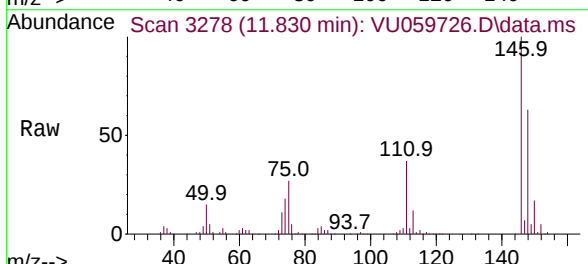
Instrument :
 MSVOA_U
 ClientSampleId :



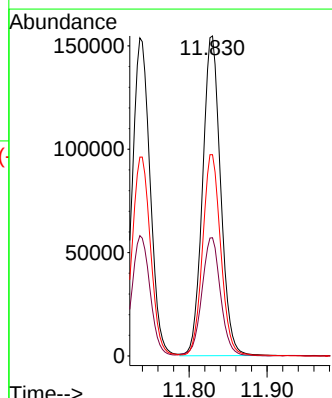
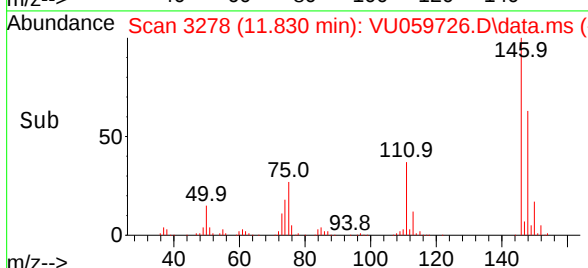
Tgt Ion:146 Resp: 244764
 Ion Ratio Lower Upper
 146 100
 111 37.8 26.5 49.1
 148 62.5 43.8 81.3

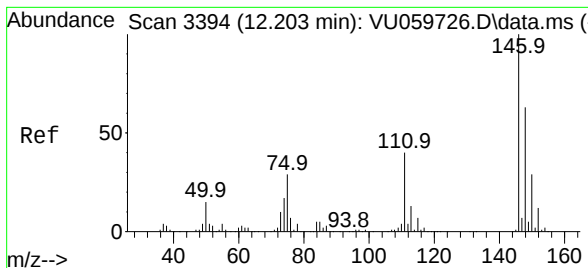


#65
 1,4-Dichlorobenzene
 Concen: 44.566 ug/L
 RT: 11.830 min Scan# 3278
 Delta R.T. 0.000 min
 Lab File: VU059726.D
 Acq: 02 Jul 2024 09:11



Tgt Ion:146 Resp: 248620
 Ion Ratio Lower Upper
 146 100
 111 37.0 25.9 48.1
 148 62.9 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 44.111 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. 0.000 min

Lab File: VU059726.D

Acq: 02 Jul 2024 09:11

Instrument :

MSVOA_U

ClientSampleId :

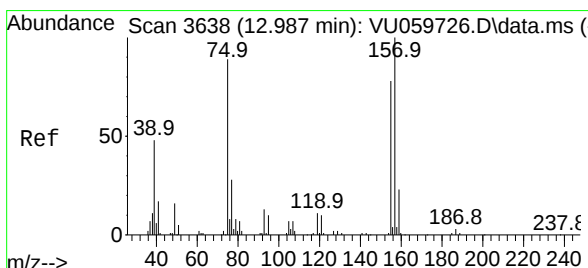
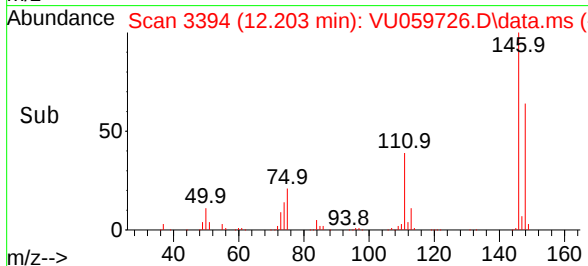
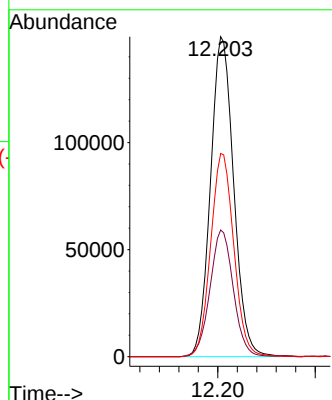
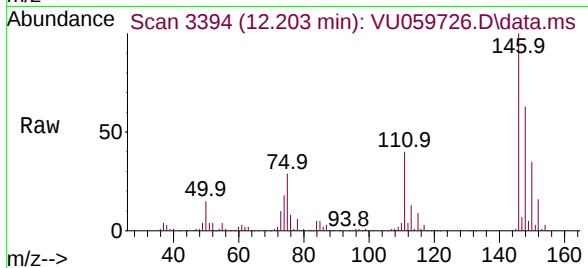
Tgt Ion:146 Resp: 246985

Ion Ratio Lower Upper

146 100

111 39.6 31.7 47.5

148 63.5 50.8 76.2



#68

1,2-Dibromo-3-chloropropane

Concen: 37.654 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. 0.000 min

Lab File: VU059726.D

Acq: 02 Jul 2024 09:11

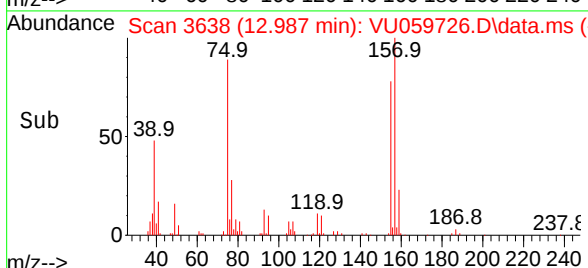
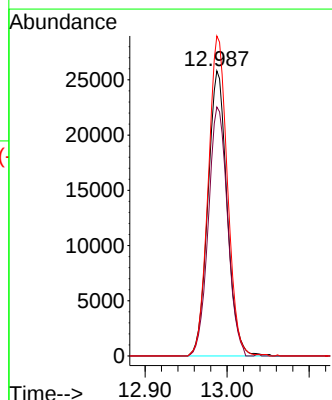
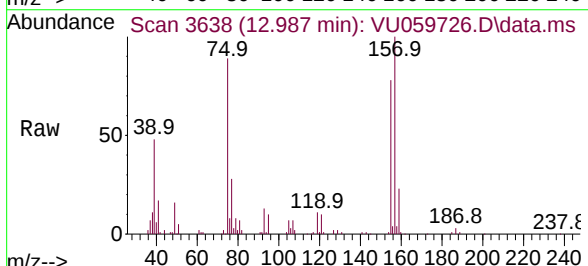
Tgt Ion: 75 Resp: 41916

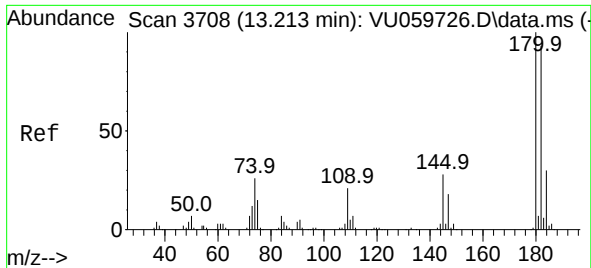
Ion Ratio Lower Upper

75 100

155 91.9 73.5 110.3

157 116.9 93.5 140.3





#69

1,3,5-Trichlorobenzene

Concen: 48.218 ug/L

RT: 13.213 min Scan# 3708

Delta R.T. 0.000 min

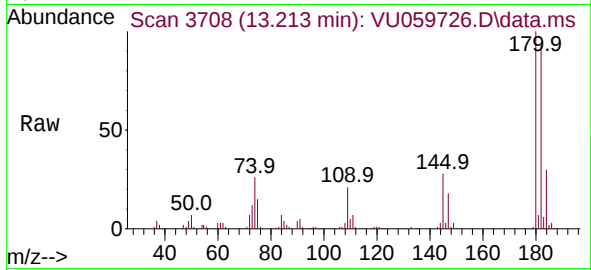
Lab File: VU059726.D

Acq: 02 Jul 2024 09:11

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 173950

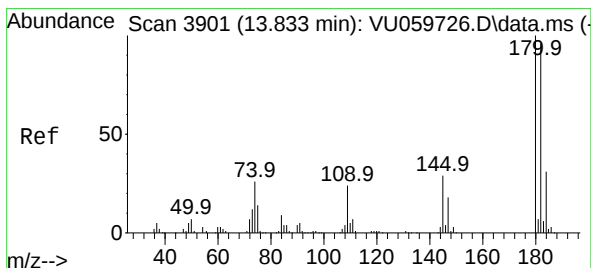
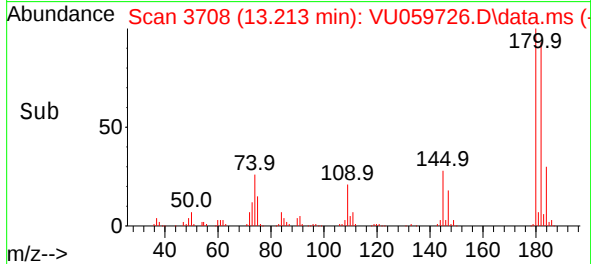
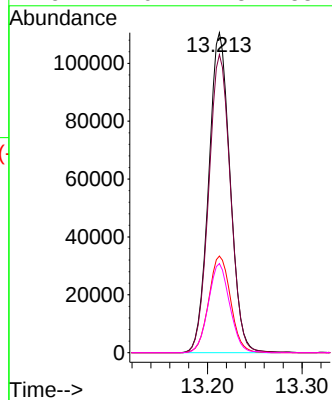
Ion Ratio Lower Upper

180 100

182 94.8 75.8 113.8

184 30.9 24.7 37.1

145 27.9 22.3 33.5



#70

1,2,4-trichlorobenzene

Concen: 52.938 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.000 min

Lab File: VU059726.D

Acq: 02 Jul 2024 09:11

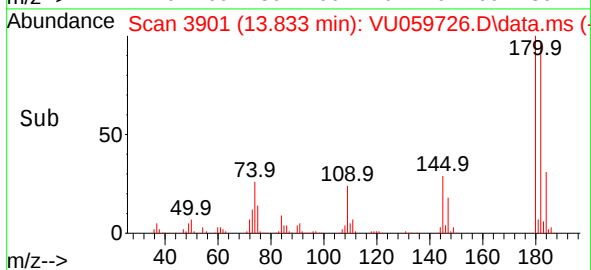
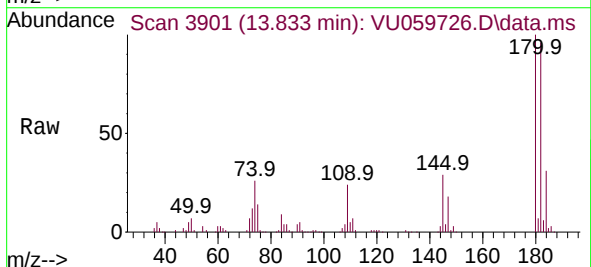
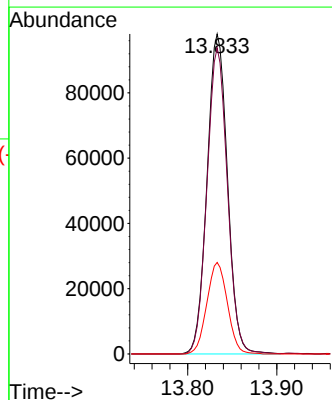
Tgt Ion:180 Resp: 156246

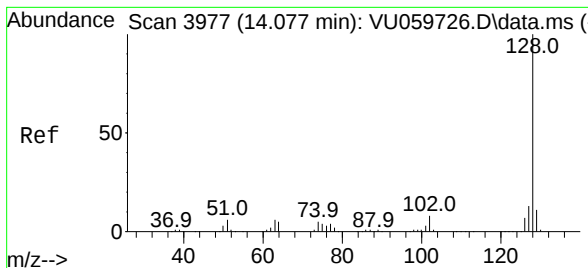
Ion Ratio Lower Upper

180 100

182 95.5 76.4 114.6

145 28.7 23.0 34.4





#71

Naphthalene

Concen: 49.717 ug/L

RT: 14.077 min Scan# 3977

Delta R.T. 0.000 min

Lab File: VU059726.D

Acq: 02 Jul 2024 09:11

Instrument :

MSVOA_U

ClientSampleId :

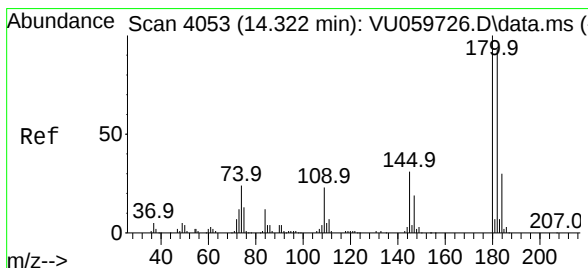
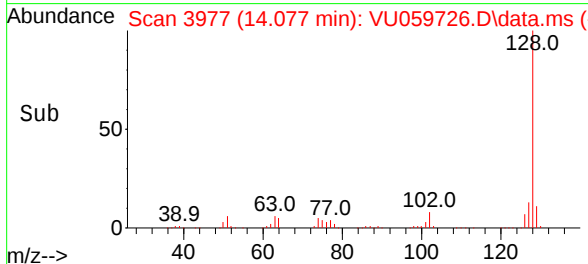
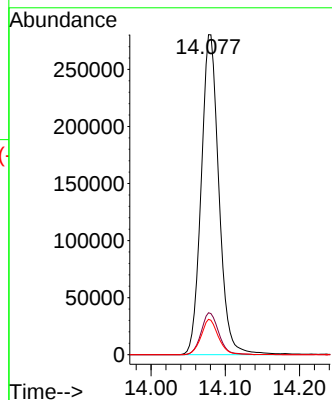
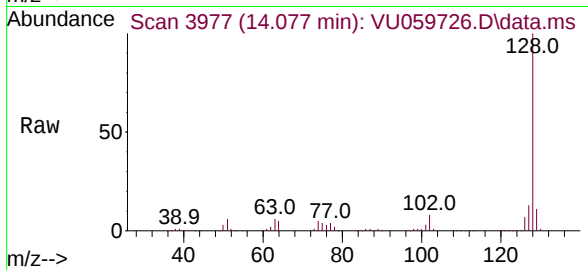
Tgt Ion:128 Resp: 464515

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 10.8 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 53.544 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. 0.000 min

Lab File: VU059726.D

Acq: 02 Jul 2024 09:11

Tgt Ion:180 Resp: 160192

Ion Ratio Lower Upper

180 100

182 94.8 75.8 113.8

145 30.6 24.5 36.7

