

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061824\
 Data File : VU059335.D
 Acq On : 19 Jun 2024 00:58
 Operator : MD/SY
 Sample : VSDTCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 19 05:41:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 19 05:32:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	197467	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	198056	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	107706	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	54000	45.673	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.340%
7) Chloroethane-d5	1.907	69	51288	50.640	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.280%
11) 1,1-Dichloroethene-d2	2.563	63	111259	47.674	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.340%
21) 2-Butanone-d5	4.611	46	95706	85.880	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.880%
24) Chloroform-d	5.055	84	117105	49.754	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.500%
26) 1,2-Dichloroethane-d4	5.695	65	70072	48.574	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.140%
32) Benzene-d6	5.721	84	227770	50.107	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.220%
36) 1,2-Dichloropropane-d6	6.685	67	72024	45.953	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.900%
41) Toluene-d8	7.891	98	207868	53.867	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.740%
43) trans-1,3-Dichloroprop...	8.174	79	27951	44.118	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.240%
47) 2-Hexanone-d5	8.627	63	62346	86.020	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.020%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	114505	43.167	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.340%
66) 1,2-Dichlorobenzene-d4	12.187	152	81019	50.406	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.820%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.380	85	99000	49.481	ug/L	99
3) Chloromethane	1.518	50	105339	45.555	ug/L	99
5) Vinyl chloride	1.602	62	119243	52.480	ug/L	100
6) Bromomethane	1.850	94	75610	41.594	ug/L	98
8) Chloroethane	1.927	64	73256	51.701	ug/L	99
9) Trichlorofluoromethane	2.132	101	148837	56.291	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	86847	56.454	ug/L	92
12) 1,1-Dichloroethene	2.573	96	82655	59.238	ug/L	84
13) Acetone	2.615	43	94683	72.283	ug/L	95
14) Carbon disulfide	2.785	76	235743	50.167	ug/L	100
15) Methyl Acetate	2.940	43	107443	51.782	ug/L	97
16) Methylene chloride	3.036	84	102741	54.420	ug/L	90
17) trans-1,2-Dichloroethene	3.345	96	86860	57.677	ug/L	91
18) Methyl tert-butyl Ether	3.354	73	270683	55.333	ug/L	96
19) 1,1-Dichloroethane	3.859	63	169033	52.364	ug/L	96
20) cis-1,2-Dichloroethene	4.660	96	99927	58.228	ug/L	92
22) 2-Butanone	4.689	43	150983	95.206	ug/L	92
23) Bromochloromethane	4.965	128	53208	61.210	ug/L	82
25) Chloroform	5.081	83	173715	55.577	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061824\
 Data File : VU059335.D
 Acq On : 19 Jun 2024 00:58
 Operator : MD/SY
 Sample : VSDTCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

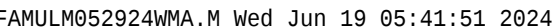
Instrument :
 MSVOA_U
 ClientSampleId :

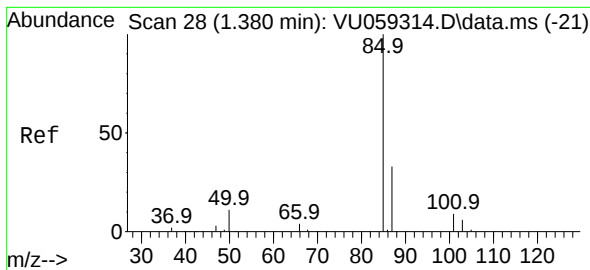
Quant Time: Jun 19 05:41:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 19 05:32:50 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	138905	52.606	ug/L	98
29) Cyclohexane	5.383	56	127237	48.120	ug/L	91
30) 1,1,1-Trichloroethane	5.306	97	140843	54.694	ug/L	98
31) Carbon tetrachloride	5.518	117	116480	55.687	ug/L	98
33) Benzene	5.766	78	387158	54.135	ug/L	100
34) Trichloroethene	6.537	95	102812	58.711	ug/L	92
35) Methylcyclohexane	6.756	83	133893	52.003	ug/L	93
37) 1,2-Dichloropropane	6.785	63	103127	50.782	ug/L	99
38) Bromodichloromethane	7.100	83	127643	53.960	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	139271	49.566	ug/L	97
40) 4-Methyl-2-pentanone	7.782	43	280891	105.505	ug/L #	96
42) Toluene	7.965	91	411567	57.332	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	127011	49.931	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	104403	57.179	ug/L	98
46) Tetrachloroethene	8.547	164	76622	65.690	ug/L	90
48) 2-Hexanone	8.676	43	228564	101.792	ug/L #	98
49) Dibromochloromethane	8.804	129	97841	59.293	ug/L	97
50) 1,2-Dibromoethane	8.917	107	109843	58.320	ug/L	98
51) Chlorobenzene	9.441	112	260700	60.170	ug/L	95
52) Ethylbenzene	9.566	91	428799	57.939	ug/L	99
53) m,p-Xylene	9.688	106	163540	60.125	ug/L	94
54) o-Xylene	10.094	106	162677	61.713	ug/L	93
55) Styrene	10.110	104	281501	62.825	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.775	83	178215	53.580	ug/L	96
59) Bromoform	10.283	173	79363	56.198	ug/L	99
60) 1,2,3-Trichloropropane	10.814	75	140700	46.976	ug/L	98
61) Isopropylbenzene	10.479	105	431072	56.889	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	321427	58.546	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	378375	63.576	ug/L	97
64) 1,3-Dichlorobenzene	11.740	146	208953	59.001	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	209663	57.324	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	207392	56.029	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	38524	50.735	ug/L	84
69) 1,3,5-Trichlorobenzene	13.216	180	139365	59.586	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	118234	63.292	ug/L	99
71) Naphthalene	14.081	128	380039	64.272	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	126377	66.543	ug/L	98

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

Quant Time: Jun 19 05:41:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 19 05:32:50 2024
Response via : Initial Calibration

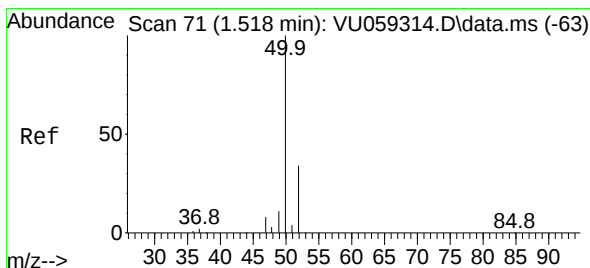
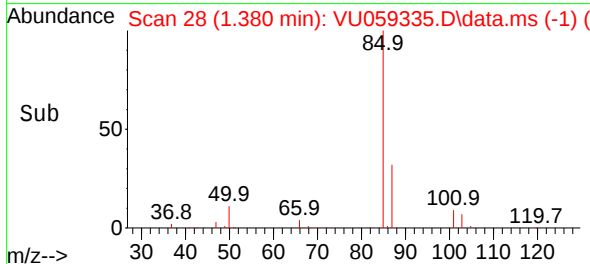
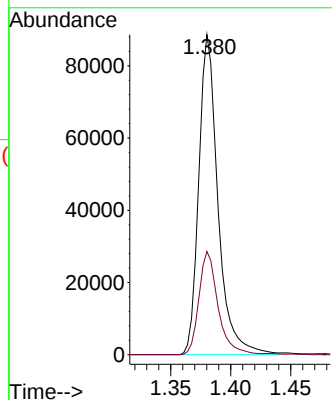
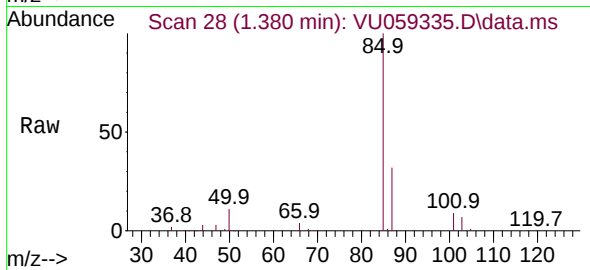




#2
 Dichlorodifluoromethane
 Concen: 49.481 ug/L
 RT: 1.380 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VU059335.D
 Acq: 19 Jun 2024 00:58

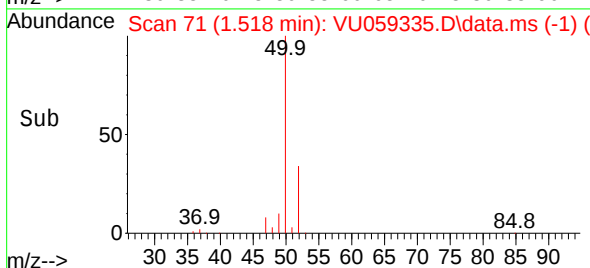
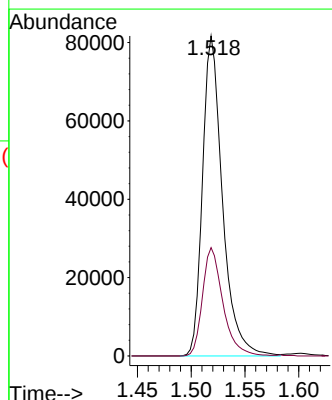
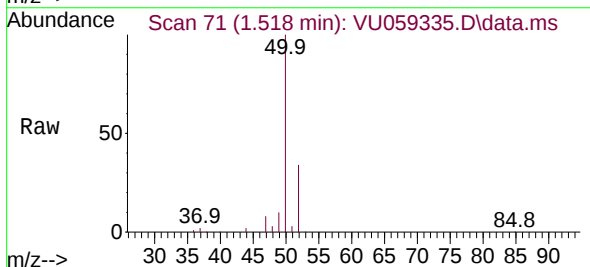
Instrument :
 MSVOA_U
 ClientSampleId :

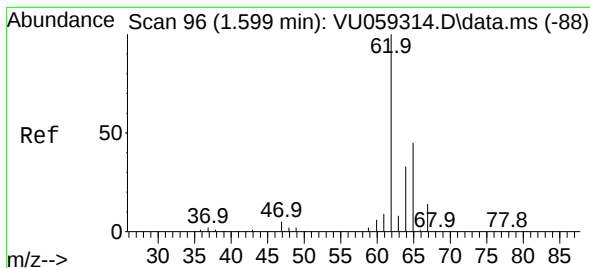
Tgt Ion: 85 Resp: 99000
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.4 38.2



#3
 Chloromethane
 Concen: 45.555 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU059335.D
 Acq: 19 Jun 2024 00:58

Tgt Ion: 50 Resp: 105339
 Ion Ratio Lower Upper
 50 100
 52 33.8 23.2 43.2





#5

Vinyl chloride

Concen: 52.480 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.003 min

Lab File: VU059335.D

Acq: 19 Jun 2024 00:58

Instrument :

MSVOA_U

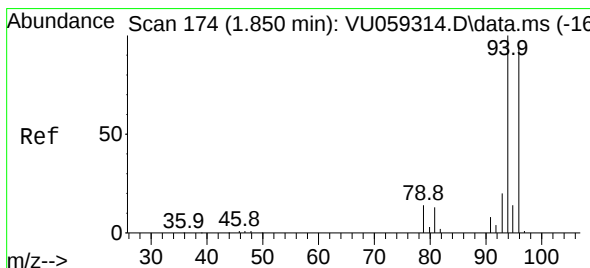
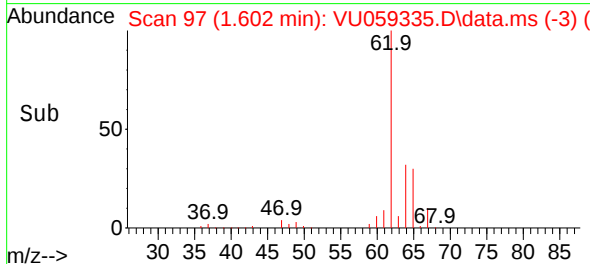
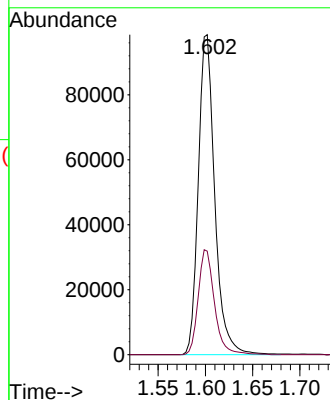
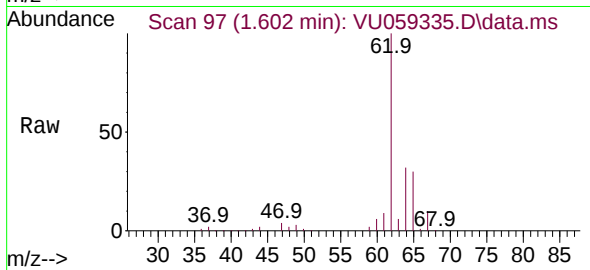
ClientSampleId :

Tgt Ion: 62 Resp: 119243

Ion Ratio Lower Upper

62 100

64 32.3 22.5 41.7



#6

Bromomethane

Concen: 41.594 ug/L

RT: 1.850 min Scan# 174

Delta R.T. -0.000 min

Lab File: VU059335.D

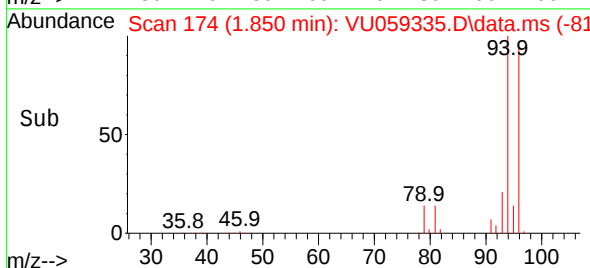
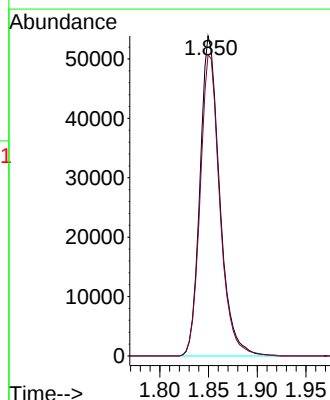
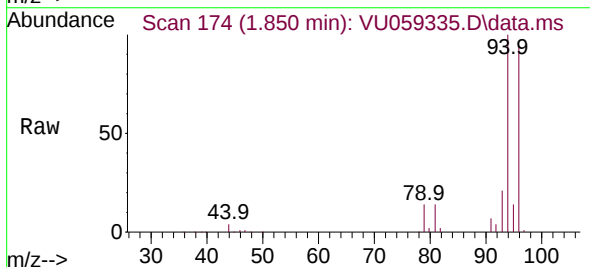
Acq: 19 Jun 2024 00:58

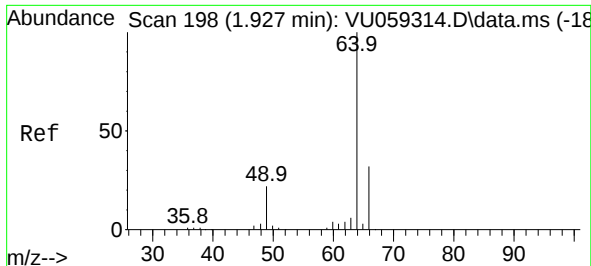
Tgt Ion: 94 Resp: 75610

Ion Ratio Lower Upper

94 100

96 94.2 67.1 124.7

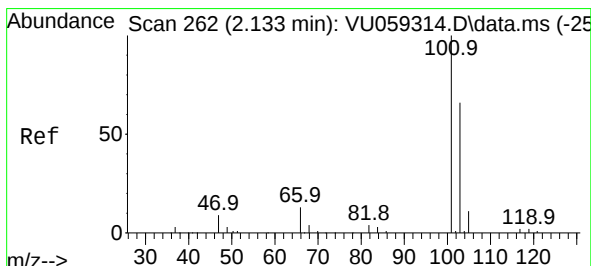
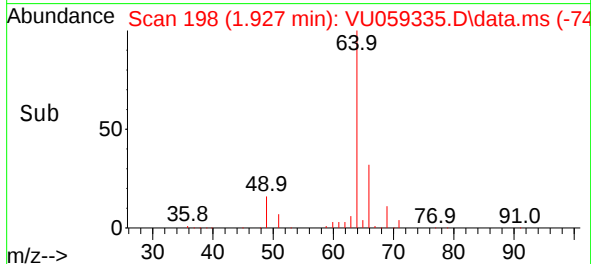
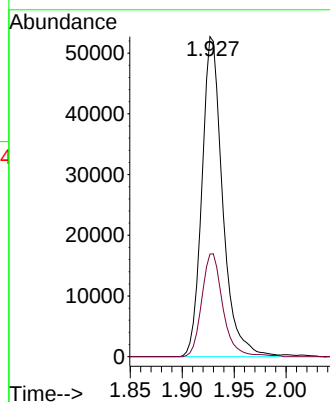
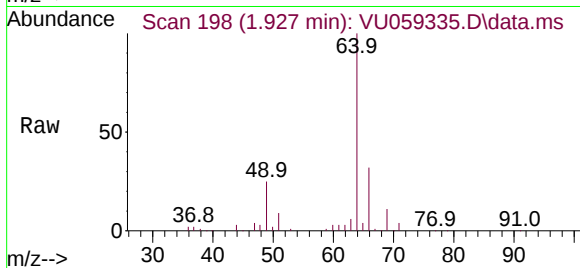




#8
Chloroethane
Concen: 51.701 ug/L
RT: 1.927 min Scan# 198
Delta R.T. -0.000 min
Lab File: VU059335.D
Acq: 19 Jun 2024 00:58

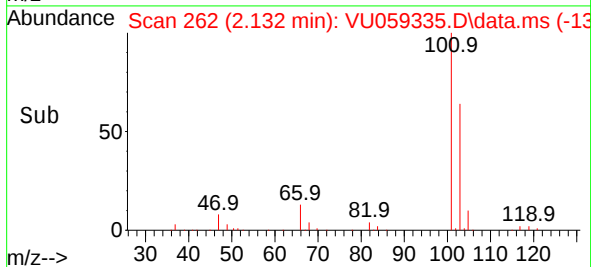
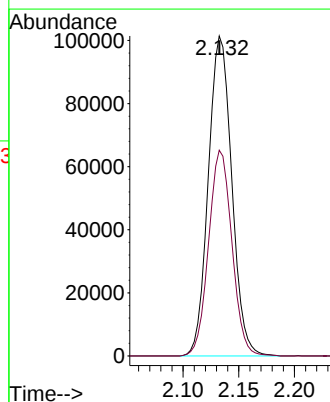
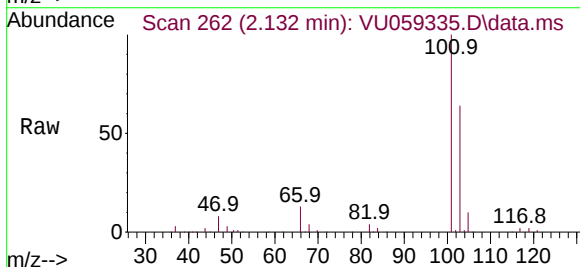
Instrument :
MSVOA_U
ClientSampleId :

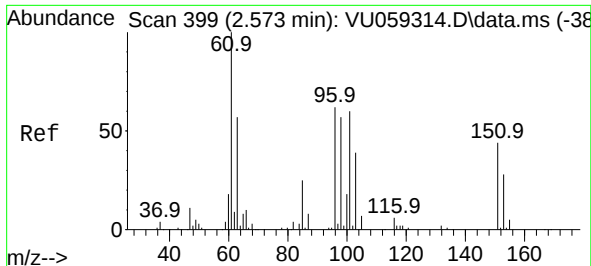
Tgt Ion: 64 Resp: 73256
Ion Ratio Lower Upper
64 100
66 32.1 22.1 41.1



#9
Trichlorofluoromethane
Concen: 56.291 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU059335.D
Acq: 19 Jun 2024 00:58

Tgt Ion:101 Resp: 148837
Ion Ratio Lower Upper
101 100
103 63.8 51.8 77.6

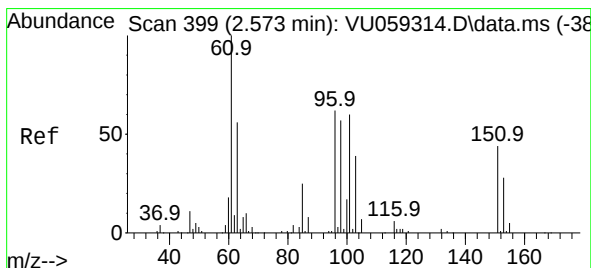
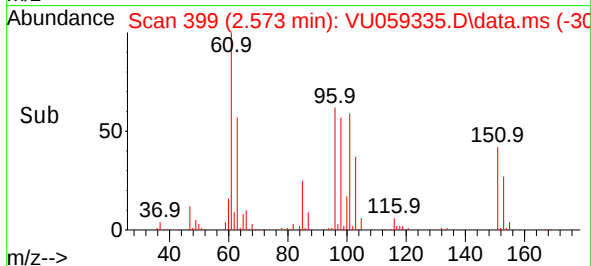
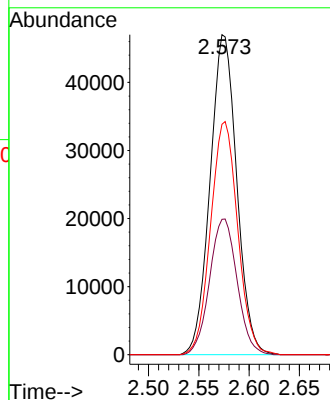
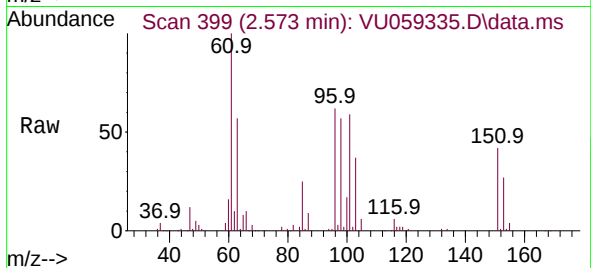




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 56.454 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU059335.D
Acq: 19 Jun 2024 00:58

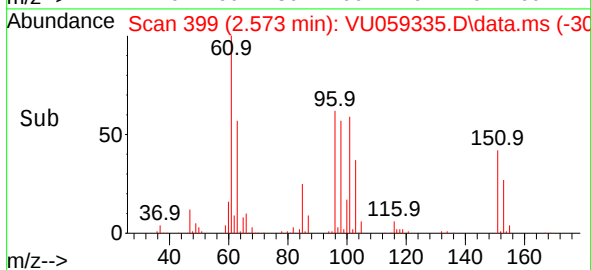
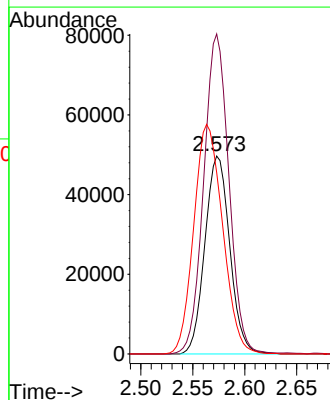
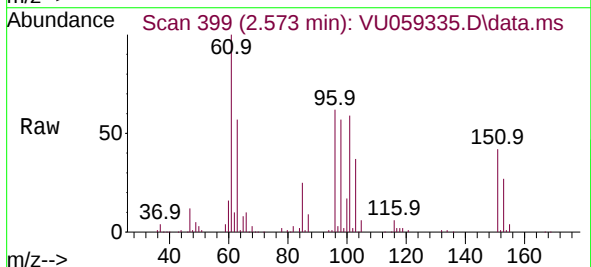
Instrument :
MSVOA_U
ClientSampleId :

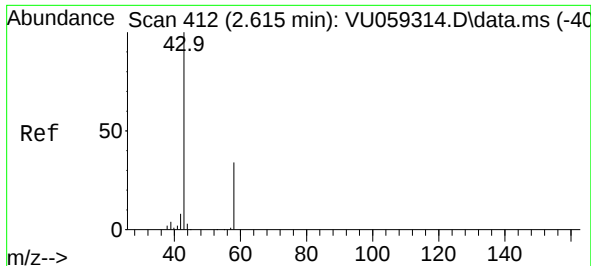
Tgt Ion:101 Resp: 86847
Ion Ratio Lower Upper
101 100
85 43.6 36.7 55.1
151 73.9 52.2 78.2



#12
1,1-Dichloroethene
Concen: 59.238 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU059335.D
Acq: 19 Jun 2024 00:58

Tgt Ion: 96 Resp: 82655
Ion Ratio Lower Upper
96 100
61 161.7 126.3 234.6
63 91.7 78.7 146.1





#13

Acetone

Concen: 72.283 ug/L

RT: 2.615 min Scan# 412

Delta R.T. -0.000 min

Lab File: VU059335.D

Acq: 19 Jun 2024 00:58

Instrument :

MSVOA_U

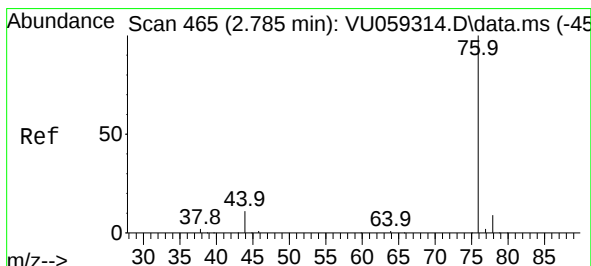
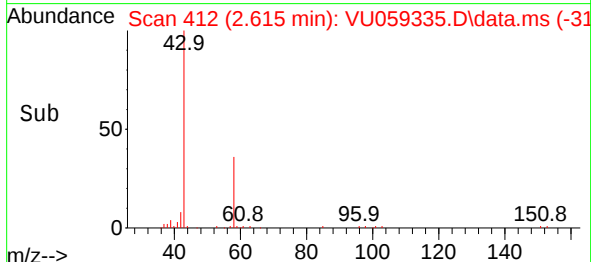
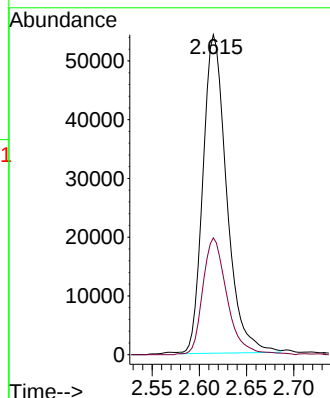
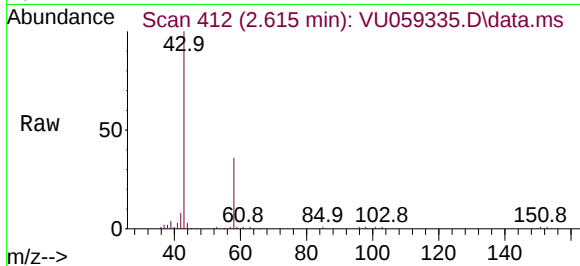
ClientSampleId :

Tgt Ion: 43 Resp: 94683

Ion Ratio Lower Upper

43 100

58 37.5 0.0 68.8



#14

Carbon disulfide

Concen: 50.167 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.000 min

Lab File: VU059335.D

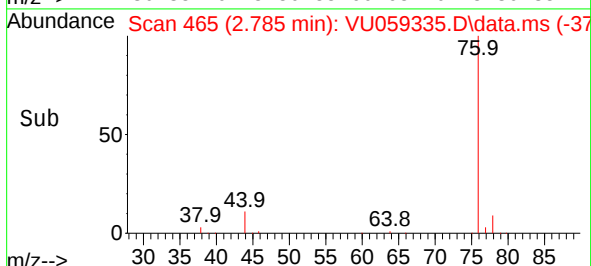
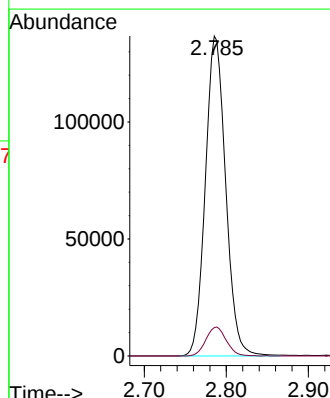
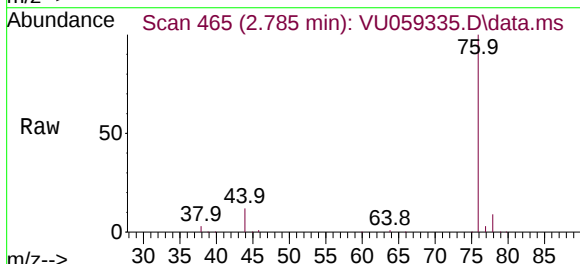
Acq: 19 Jun 2024 00:58

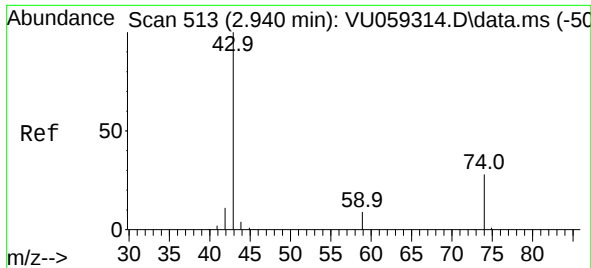
Tgt Ion: 76 Resp: 235743

Ion Ratio Lower Upper

76 100

78 8.9 7.2 10.8





#15

Methyl Acetate

Concen: 51.782 ug/L

RT: 2.940 min Scan# 513

Delta R.T. -0.000 min

Lab File: VU059335.D

Acq: 19 Jun 2024 00:58

Instrument :

MSVOA_U

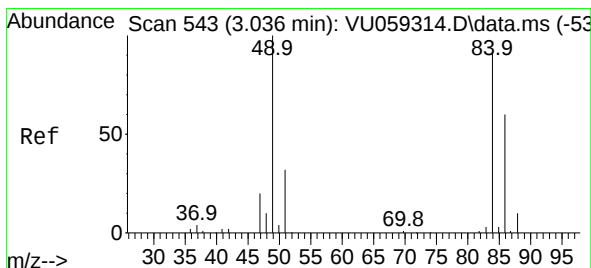
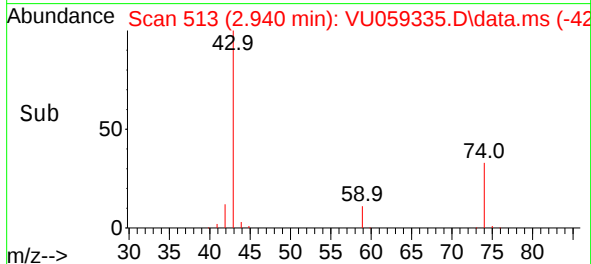
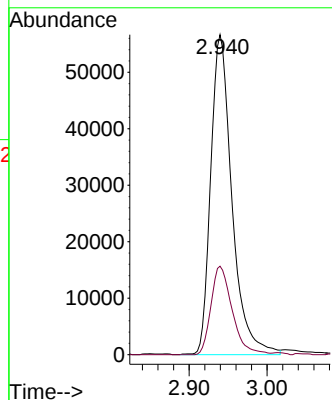
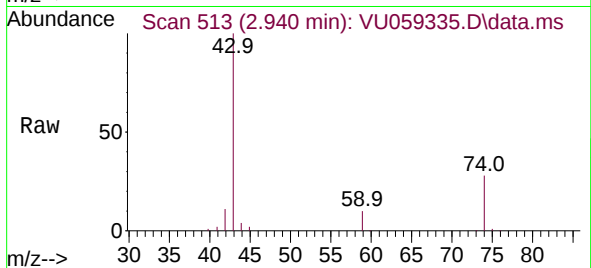
ClientSampleId :

Tgt Ion: 43 Resp: 107443

Ion Ratio Lower Upper

43 100

74 27.6 20.8 31.2



#16

Methylene chloride

Concen: 54.420 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.000 min

Lab File: VU059335.D

Acq: 19 Jun 2024 00:58

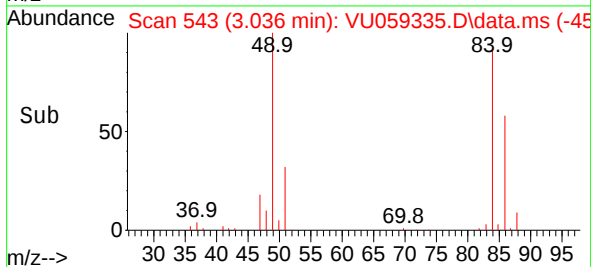
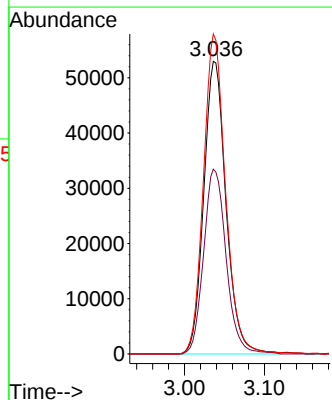
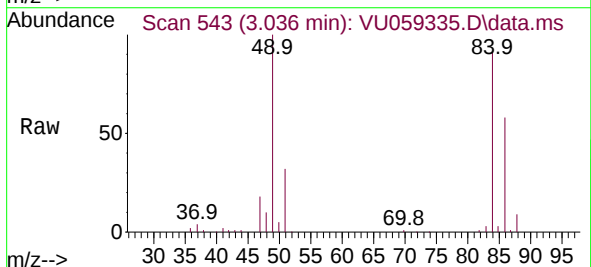
Tgt Ion: 84 Resp: 102741

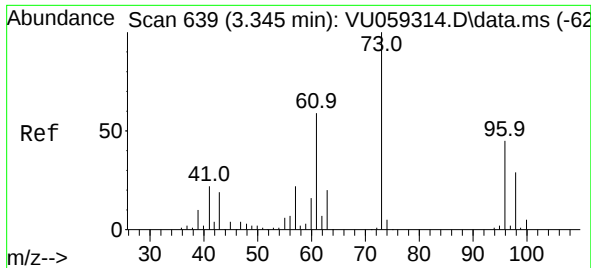
Ion Ratio Lower Upper

84 100

86 63.1 44.9 83.3

49 109.3 87.5 162.5

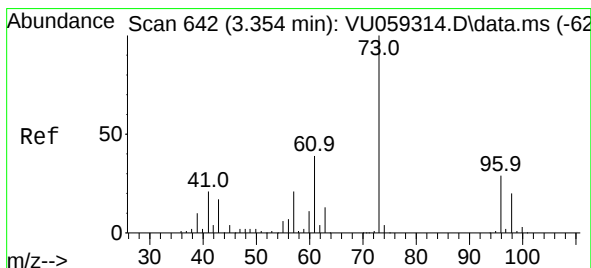
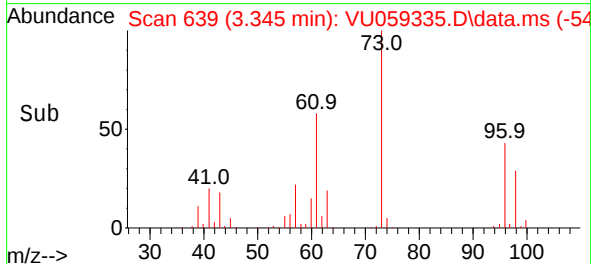
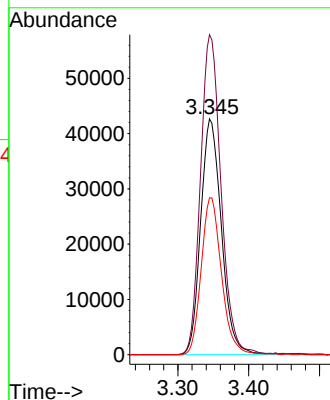
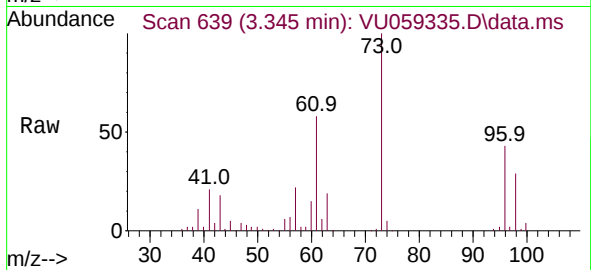




#17
trans-1,2-Dichloroethene
Concen: 57.677 ug/L
RT: 3.345 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU059335.D
Acq: 19 Jun 2024 00:58

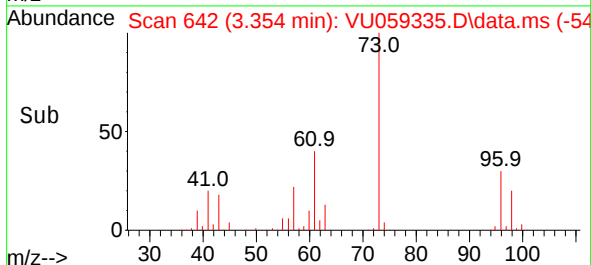
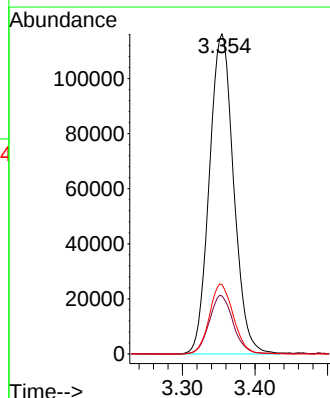
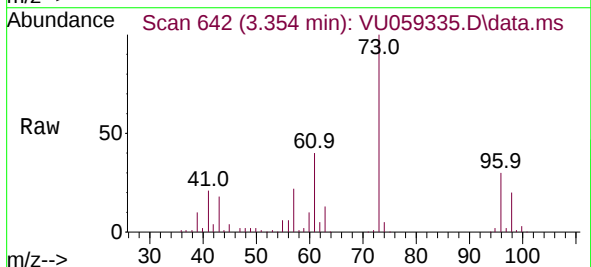
Instrument :
MSVOA_U
ClientSampleId :

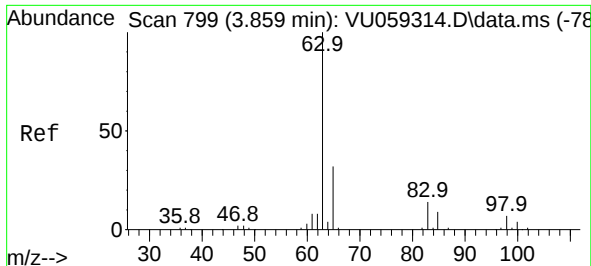
Tgt Ion: 96 Resp: 86860
Ion Ratio Lower Upper
96 100
61 135.7 103.5 192.3
98 66.5 42.4 78.6



#18
Methyl tert-butyl Ether
Concen: 55.333 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU059335.D
Acq: 19 Jun 2024 00:58

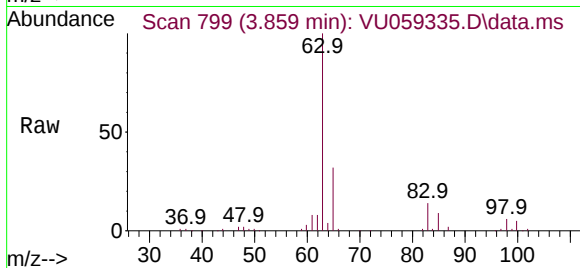
Tgt Ion: 73 Resp: 270683
Ion Ratio Lower Upper
73 100
43 18.0 15.6 23.4
57 21.5 18.6 28.0



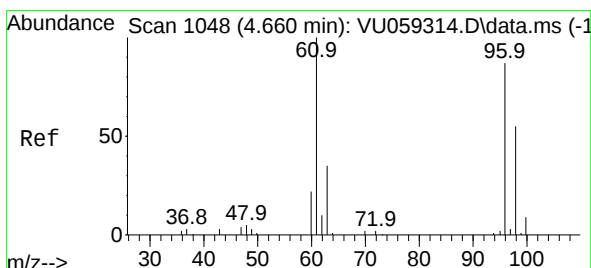
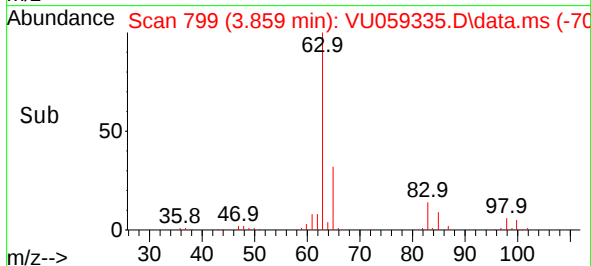
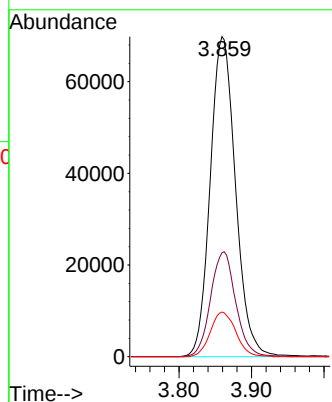


#19
1,1-Dichloroethane
Concen: 52.364 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU059335.D
Acq: 19 Jun 2024 00:58

Instrument :
MSVOA_U
ClientSampleId :

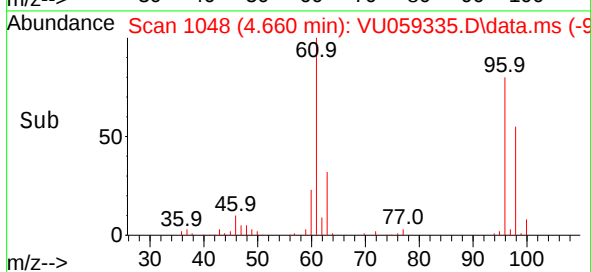
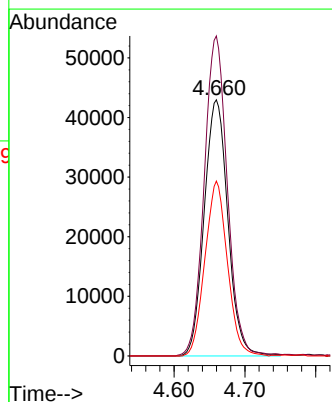
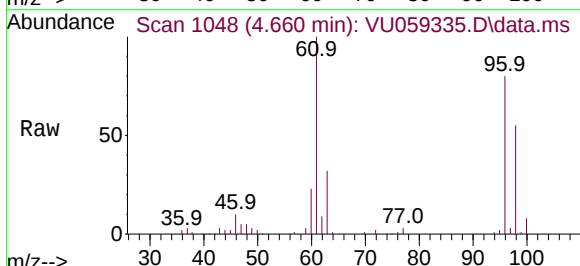


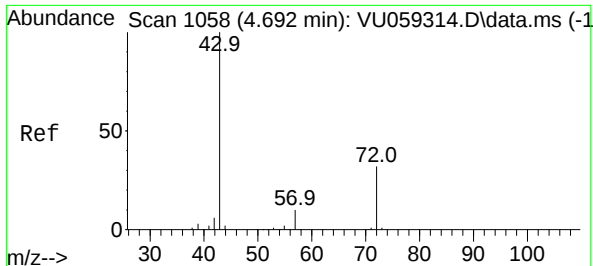
Tgt Ion: 63 Resp: 169033
Ion Ratio Lower Upper
63 100
65 32.5 21.3 39.5
83 13.9 8.8 16.3



#20
cis-1,2-Dichloroethene
Concen: 58.228 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. -0.000 min
Lab File: VU059335.D
Acq: 19 Jun 2024 00:58

Tgt Ion: 96 Resp: 99927
Ion Ratio Lower Upper
96 100
61 125.0 96.2 178.6
98 68.3 45.6 84.6

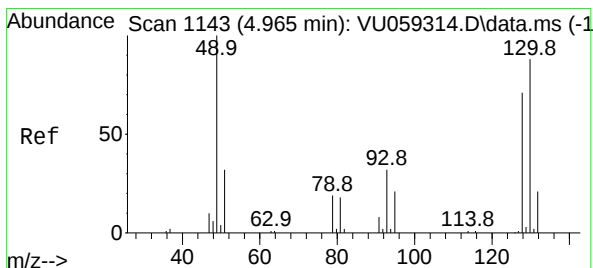
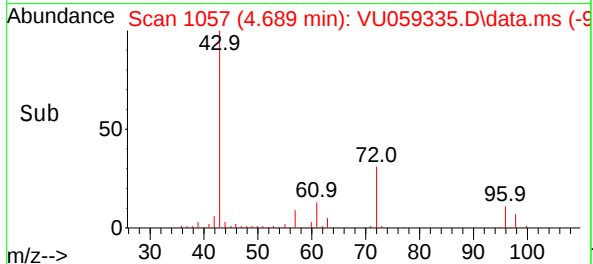
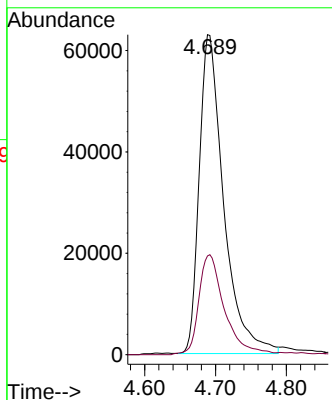
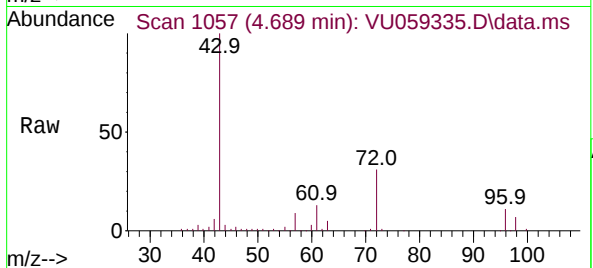




#22
2-Butanone
Concen: 95.206 ug/L
RT: 4.689 min Scan# 1057
Delta R.T. -0.003 min
Lab File: VU059335.D
Acq: 19 Jun 2024 00:58

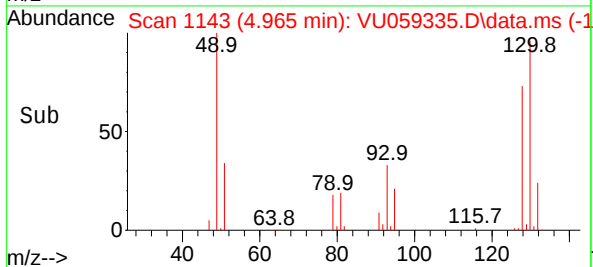
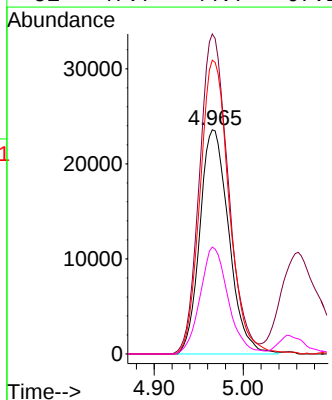
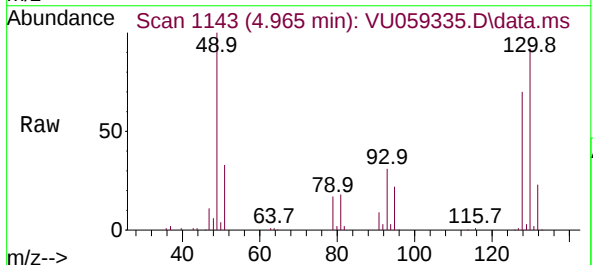
Instrument :
MSVOA_U
ClientSampleId :

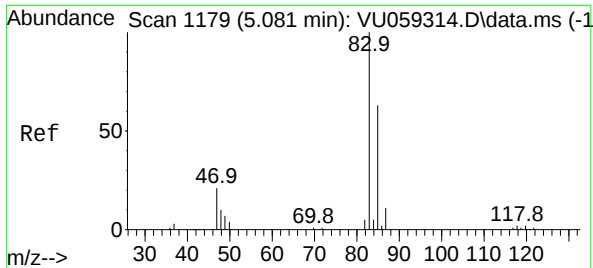
Tgt Ion: 43 Resp: 150983
Ion Ratio Lower Upper
43 100
72 32.7 14.2 42.8



#23
Bromochloromethane
Concen: 61.210 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VU059335.D
Acq: 19 Jun 2024 00:58

Tgt Ion:128 Resp: 53208
Ion Ratio Lower Upper
128 100
49 142.7 128.4 238.4
130 131.0 86.9 161.3
51 47.7 44.7 67.1

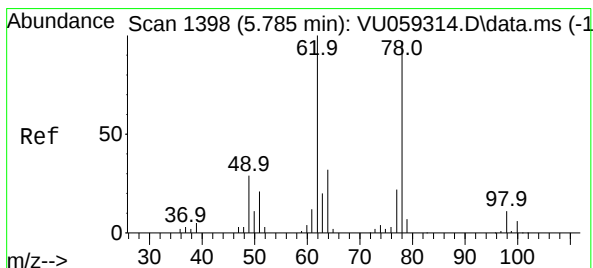
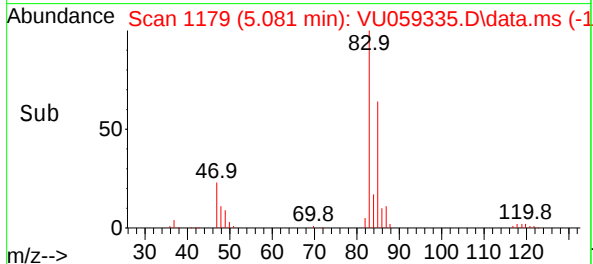
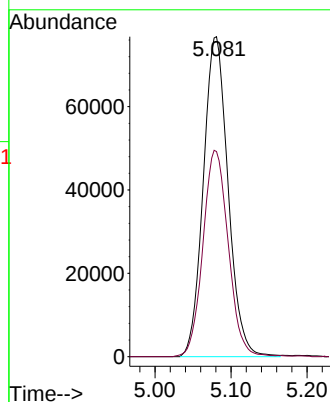
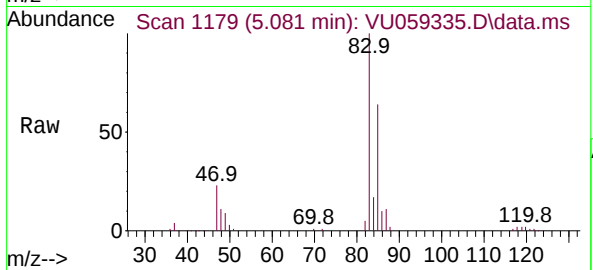




#25
Chloroform
Concen: 55.577 ug/L
RT: 5.081 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VU059335.D
Acq: 19 Jun 2024 00:58

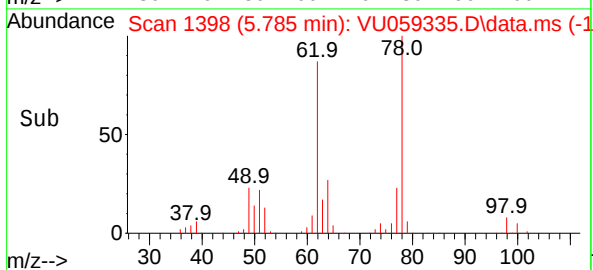
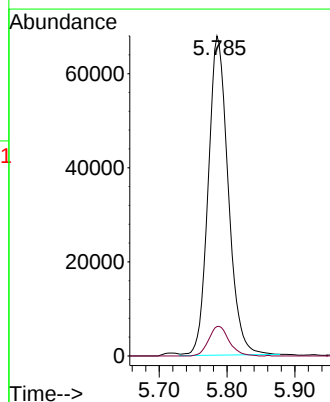
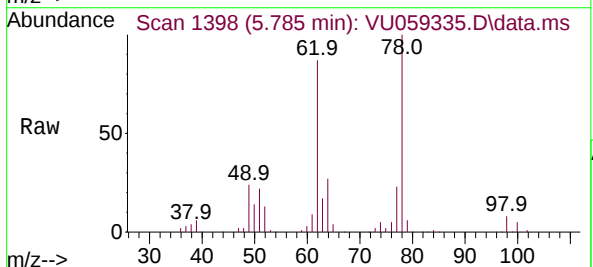
Instrument :
MSVOA_U
ClientSampleId :

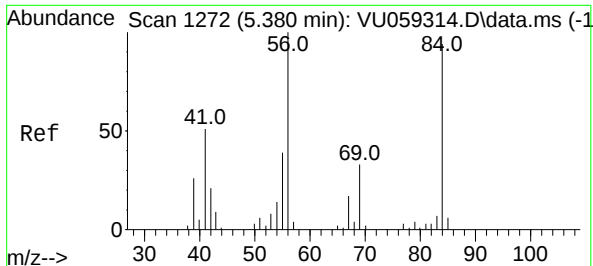
Tgt Ion: 83 Resp: 173715
Ion Ratio Lower Upper
83 100
85 64.1 46.1 85.7



#27
1,2-Dichloroethane
Concen: 52.606 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VU059335.D
Acq: 19 Jun 2024 00:58

Tgt Ion: 62 Resp: 138905
Ion Ratio Lower Upper
62 100
98 9.2 6.9 10.3

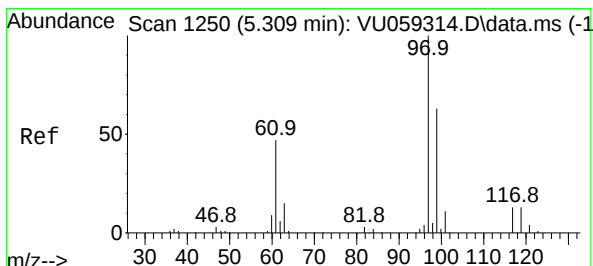
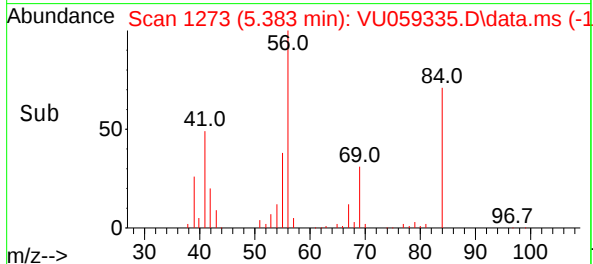
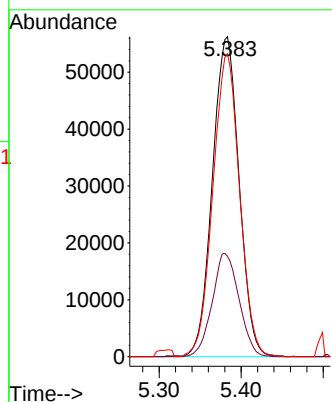
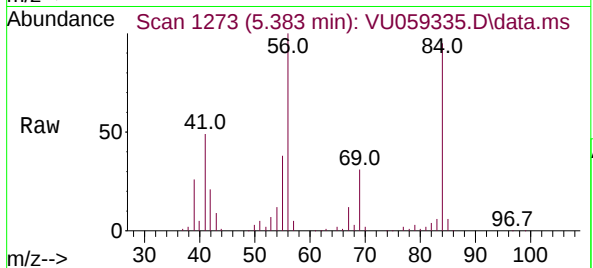




#29
Cyclohexane
Concen: 48.120 ug/L
RT: 5.383 min Scan# 1272
Delta R.T. 0.003 min
Lab File: VU059335.D
Acq: 19 Jun 2024 00:58

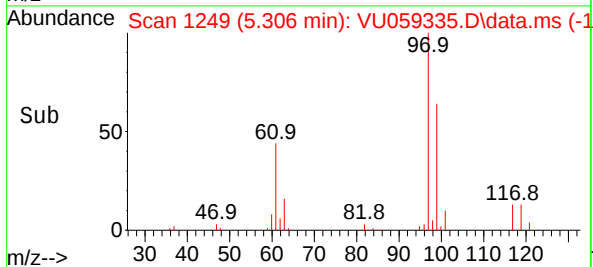
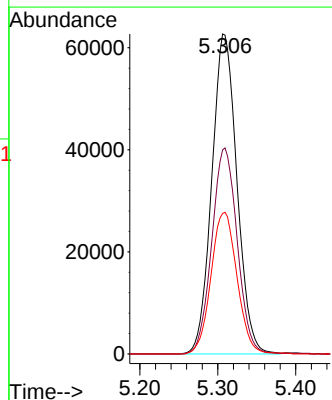
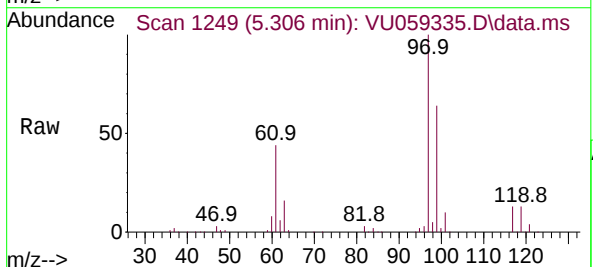
Instrument :
MSVOA_U
ClientSampleId :

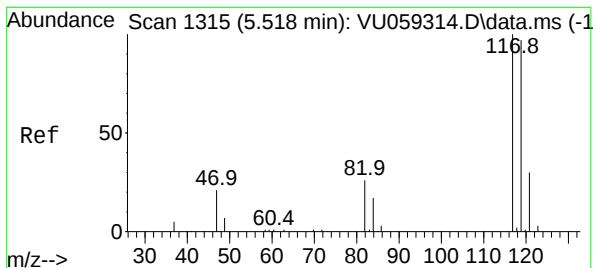
Tgt Ion: 56 Resp: 127237
Ion Ratio Lower Upper
56 100
69 32.4 24.6 37.0
84 94.8 67.4 101.0



#30
1,1,1-Trichloroethane
Concen: 54.694 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.003 min
Lab File: VU059335.D
Acq: 19 Jun 2024 00:58

Tgt Ion: 97 Resp: 140843
Ion Ratio Lower Upper
97 100
99 65.0 51.6 77.4
61 45.6 39.1 58.7





#31

Carbon tetrachloride

Concen: 55.687 ug/L

RT: 5.518 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VU059335.D

Acq: 19 Jun 2024 00:58

Instrument :

MSVOA_U

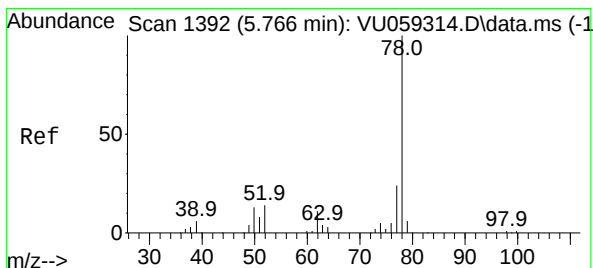
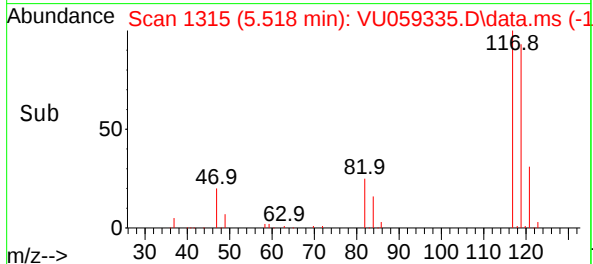
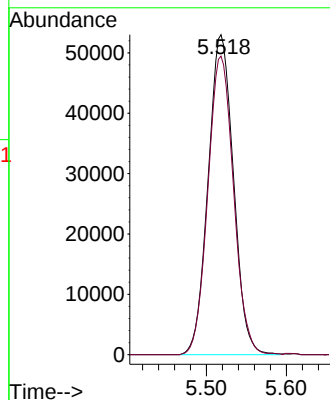
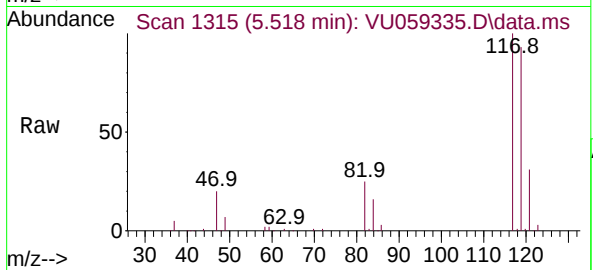
ClientSampleId :

Tgt Ion:117 Resp: 116480

Ion Ratio Lower Upper

117 100

119 94.6 76.9 115.3



#33

Benzene

Concen: 54.135 ug/L

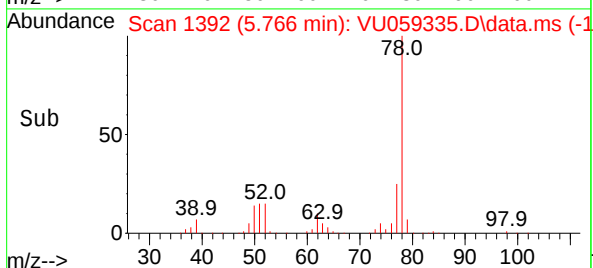
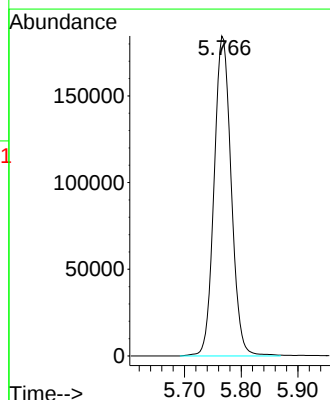
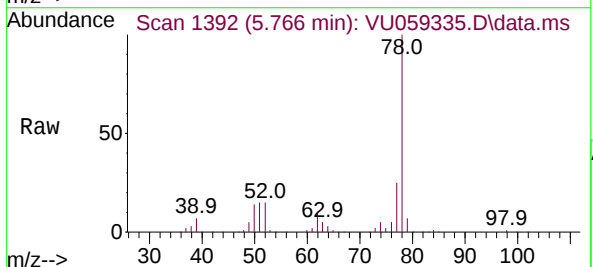
RT: 5.766 min Scan# 1392

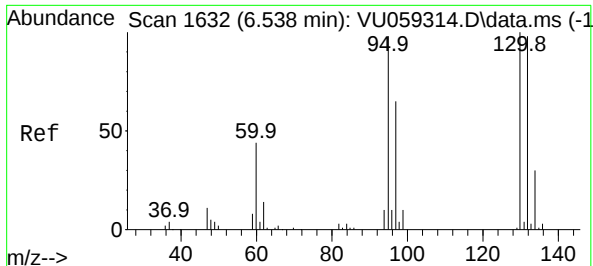
Delta R.T. -0.000 min

Lab File: VU059335.D

Acq: 19 Jun 2024 00:58

Tgt Ion: 78 Resp: 387158





#34

Trichloroethene

Concen: 58.711 ug/L

RT: 6.537 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU059335.D

Acq: 19 Jun 2024 00:58

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 102812

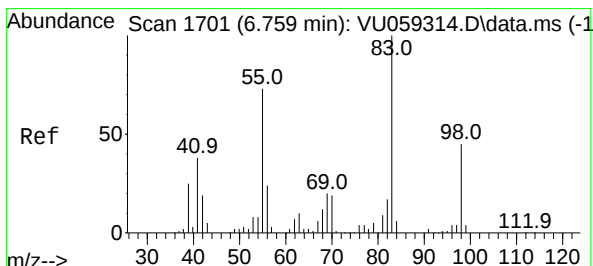
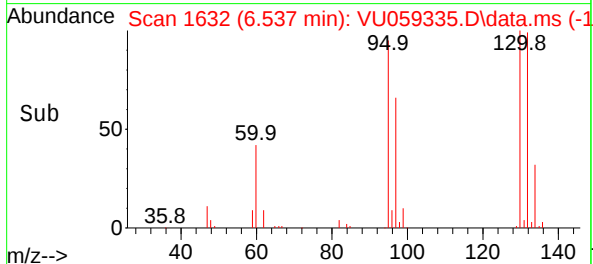
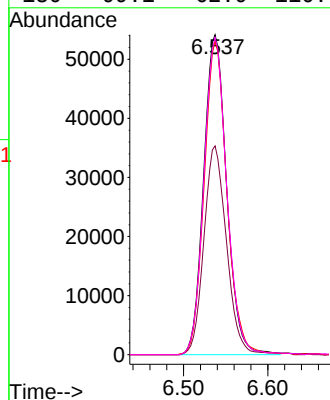
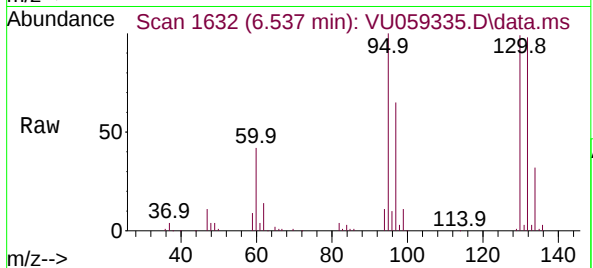
Ion Ratio Lower Upper

95 100

97 65.2 45.2 84.0

132 97.9 60.6 112.6

130 99.1 62.9 116.7



#35

Methylcyclohexane

Concen: 52.003 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. -0.003 min

Lab File: VU059335.D

Acq: 19 Jun 2024 00:58

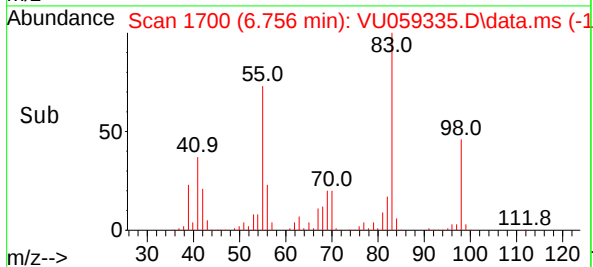
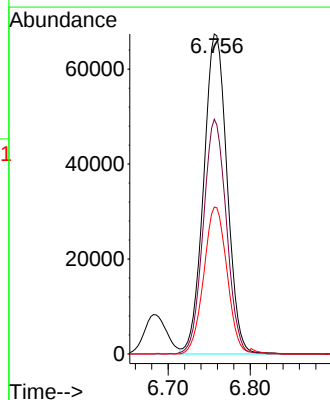
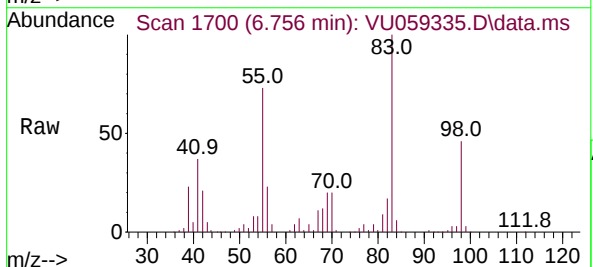
Tgt Ion: 83 Resp: 133893

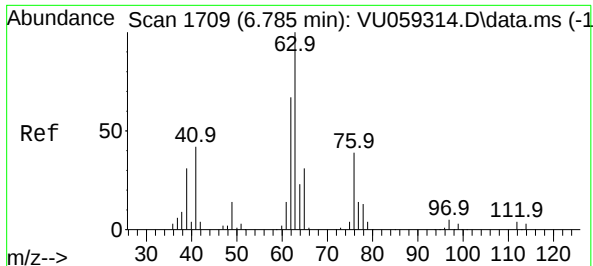
Ion Ratio Lower Upper

83 100

55 72.4 63.9 95.9

98 45.3 34.7 52.1

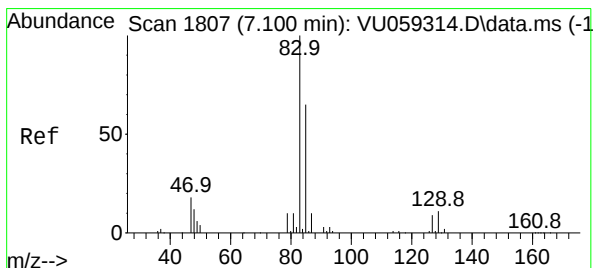
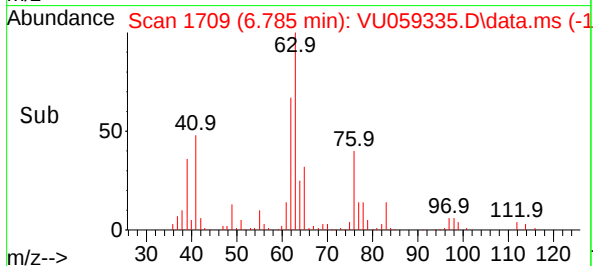
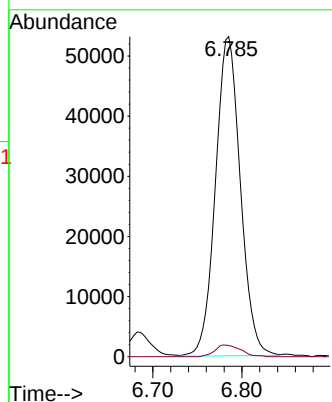
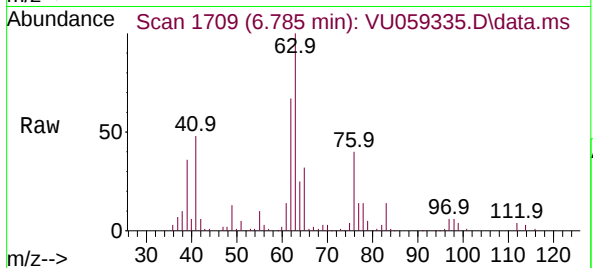




#37
1,2-Dichloropropane
Concen: 50.782 ug/L
RT: 6.785 min Scan# 1709
Delta R.T. -0.000 min
Lab File: VU059335.D
Acq: 19 Jun 2024 00:58

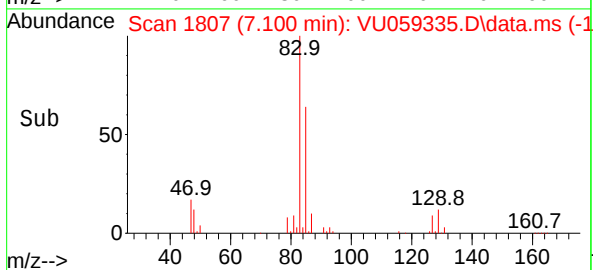
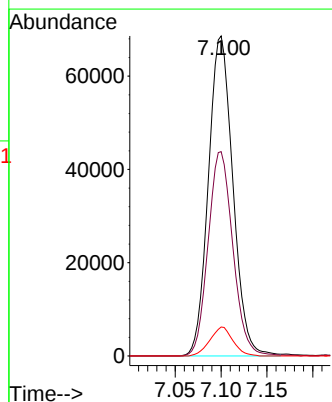
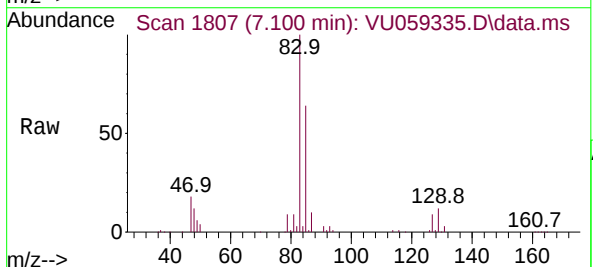
Instrument :
MSVOA_U
ClientSampleId :

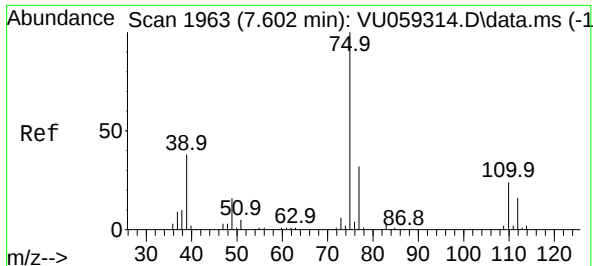
Tgt Ion: 63 Resp: 103127
Ion Ratio Lower Upper
63 100
112 3.8 2.6 4.0



#38
Bromodichloromethane
Concen: 53.960 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VU059335.D
Acq: 19 Jun 2024 00:58

Tgt Ion: 83 Resp: 127643
Ion Ratio Lower Upper
83 100
85 63.9 44.0 81.6
127 9.1 7.0 10.6

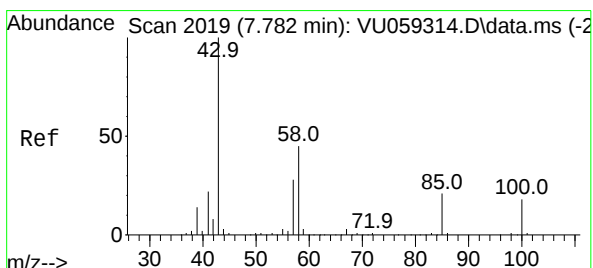
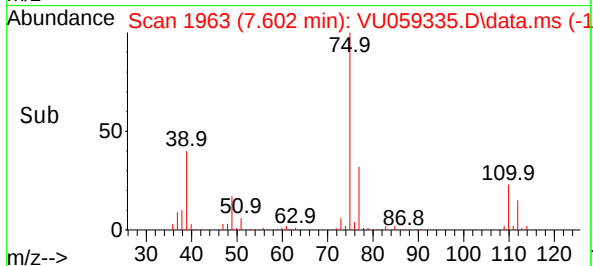
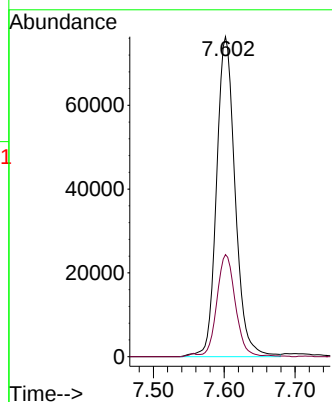
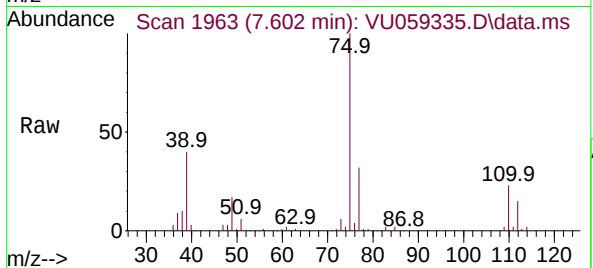




#39
 cis-1,3-Dichloropropene
 Concen: 49.566 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: VU059335.D
 Acq: 19 Jun 2024 00:58

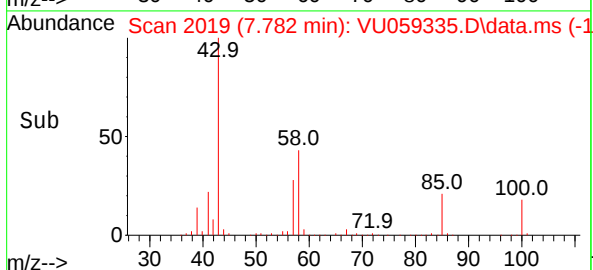
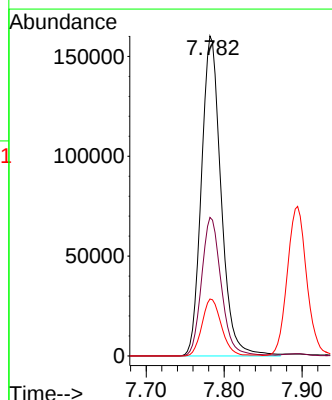
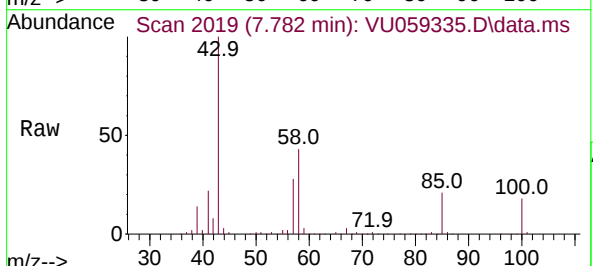
Instrument :
 MSVOA_U
 ClientSampleId :

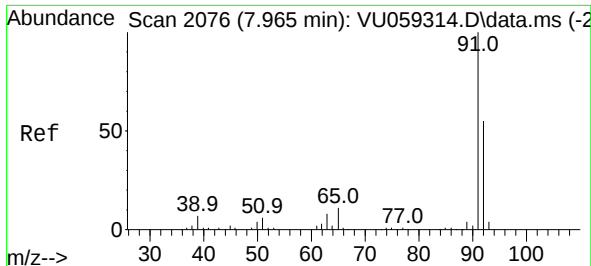
Tgt Ion: 75 Resp: 139271
 Ion Ratio Lower Upper
 75 100
 77 31.9 21.2 39.4



#40
 4-Methyl-2-pentanone
 Concen: 105.505 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VU059335.D
 Acq: 19 Jun 2024 00:58

Tgt Ion: 43 Resp: 280891
 Ion Ratio Lower Upper
 43 100
 58 43.5 33.7 50.5
 100 17.5 11.4 17.0#





#42

Toluene

Concen: 57.332 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU059335.D

Acq: 19 Jun 2024 00:58

Instrument :

MSVOA_U

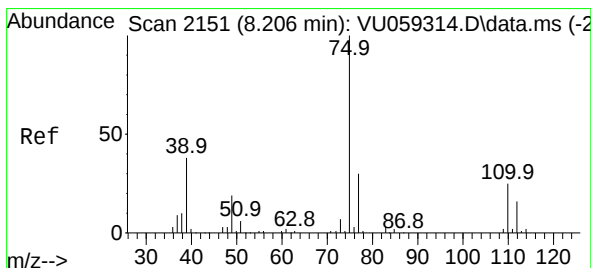
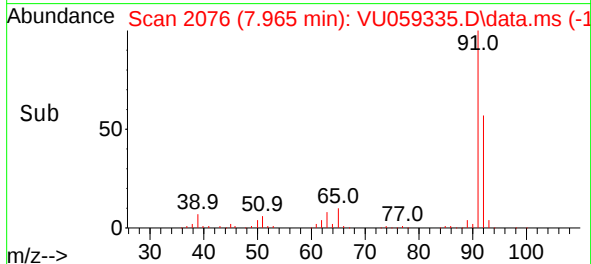
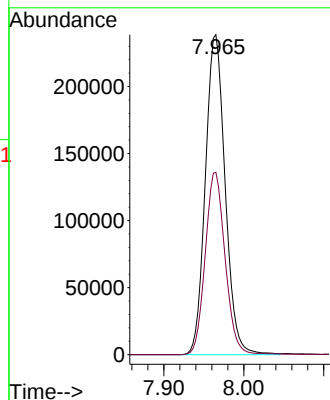
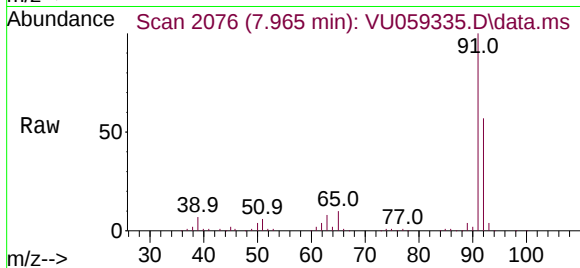
ClientSampleId :

Tgt Ion: 91 Resp: 411567

Ion Ratio Lower Upper

91 100

92 57.0 39.4 73.2



#44

trans-1,3-Dichloropropene

Concen: 49.931 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.003 min

Lab File: VU059335.D

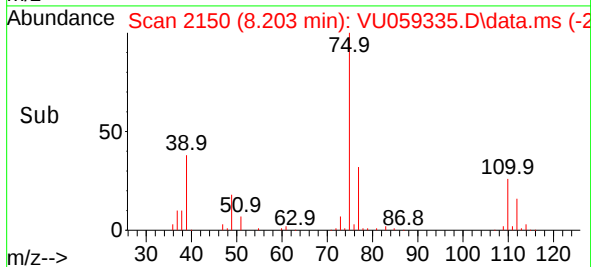
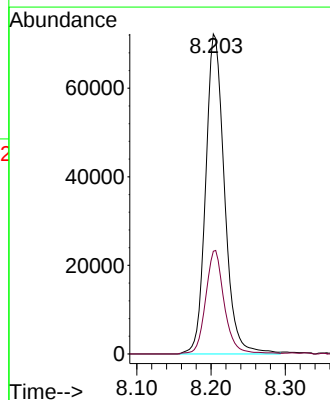
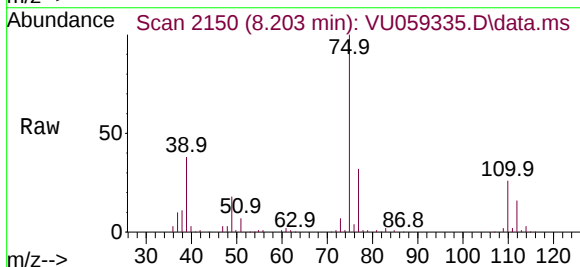
Acq: 19 Jun 2024 00:58

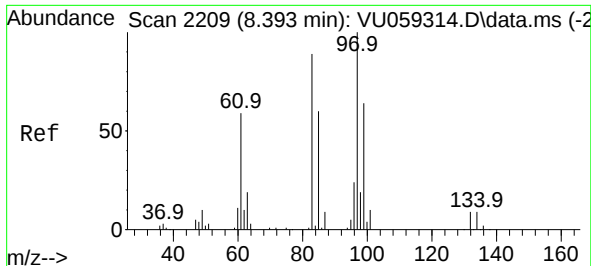
Tgt Ion: 75 Resp: 127011

Ion Ratio Lower Upper

75 100

77 32.1 22.0 40.8

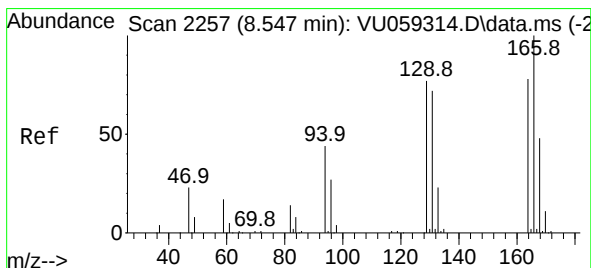
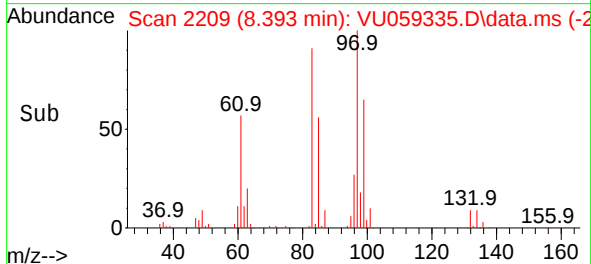
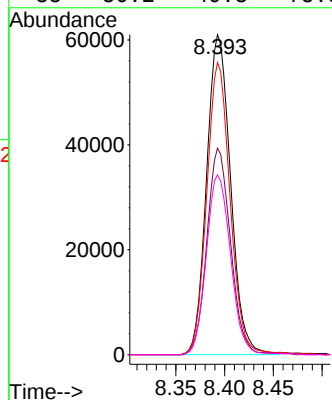
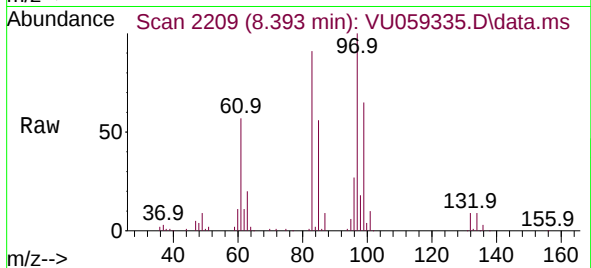




#45
1,1,2-Trichloroethane
Concen: 57.179 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU059335.D
Acq: 19 Jun 2024 00:58

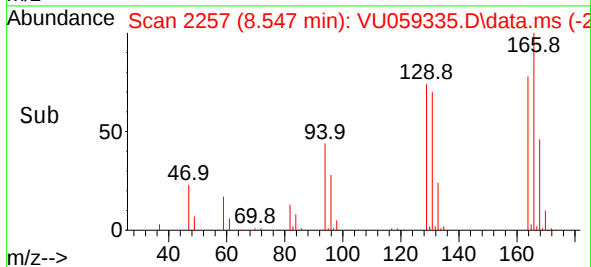
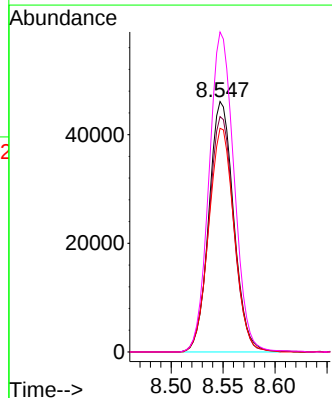
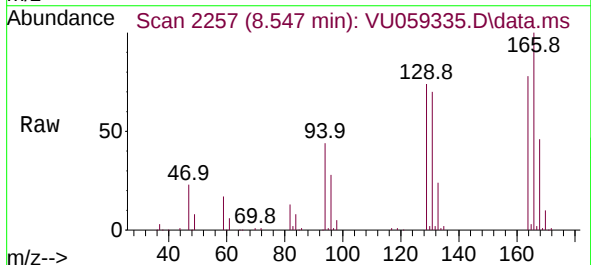
Instrument :
MSVOA_U
ClientSampleId :

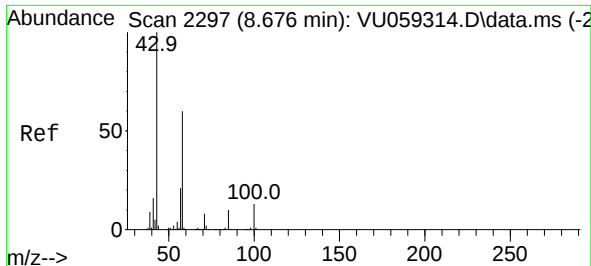
Tgt Ion:	97	Resp:	104403
Ion	Ratio	Lower	Upper
97	100		
99	64.6	44.0	81.6
83	91.3	63.6	118.2
85	56.2	40.8	75.8



#46
Tetrachloroethene
Concen: 65.690 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU059335.D
Acq: 19 Jun 2024 00:58

Tgt Ion:	164	Resp:	76622
Ion	Ratio	Lower	Upper
164	100		
129	94.0	74.5	138.5
131	89.4	70.6	131.0
166	127.8	95.1	176.7





#48

2-Hexanone

Concen: 101.792 ug/L

RT: 8.676 min Scan# 2297

Delta R.T. -0.000 min MSVOA_U

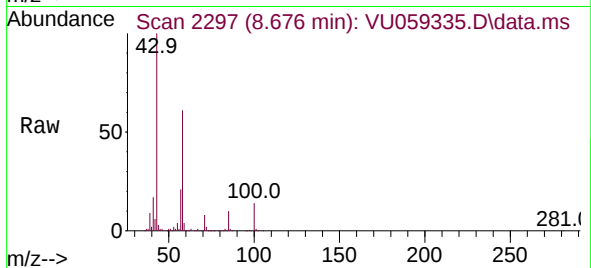
Lab File: VU059335.D

Acq: 19 Jun 2024 00:58

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 228564

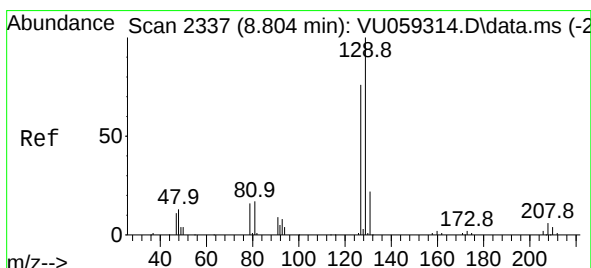
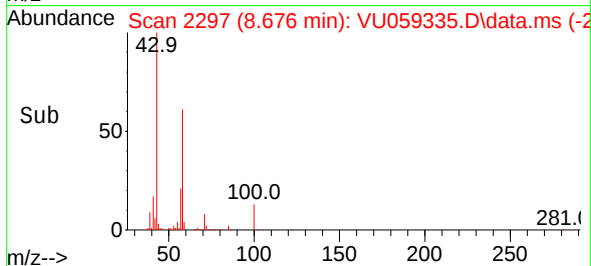
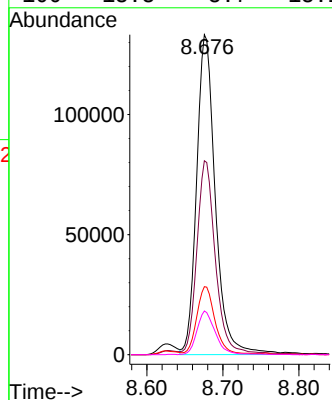
Ion Ratio Lower Upper

43 100

58 58.1 45.9 68.9

57 20.8 16.3 24.5

100 13.3 8.7 13.1#



#49

Dibromochloromethane

Concen: 59.293 ug/L

RT: 8.804 min Scan# 2337

Delta R.T. -0.000 min

Lab File: VU059335.D

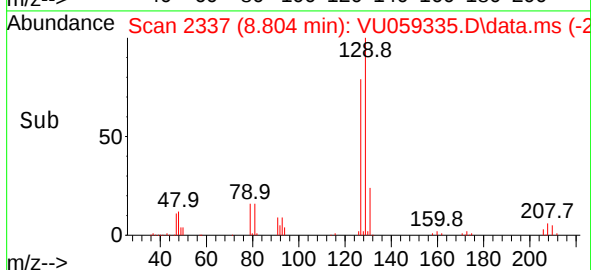
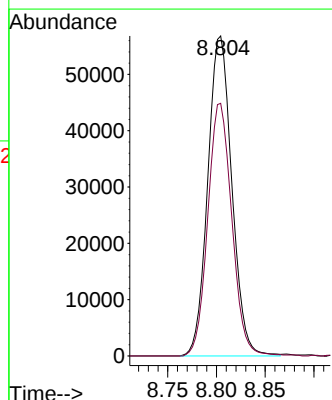
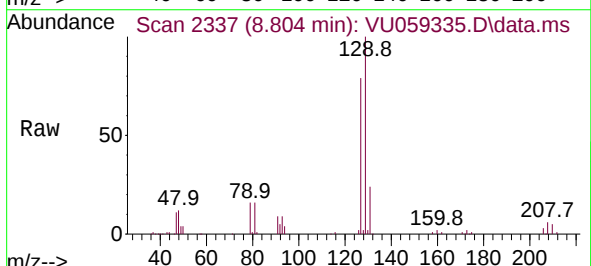
Acq: 19 Jun 2024 00:58

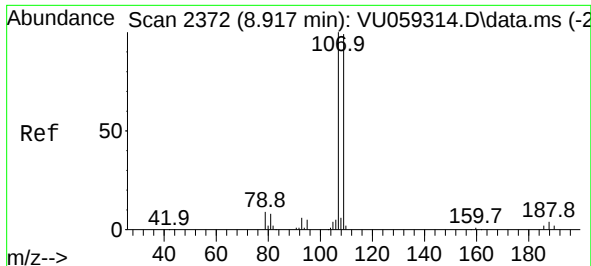
Tgt Ion:129 Resp: 97841

Ion Ratio Lower Upper

129 100

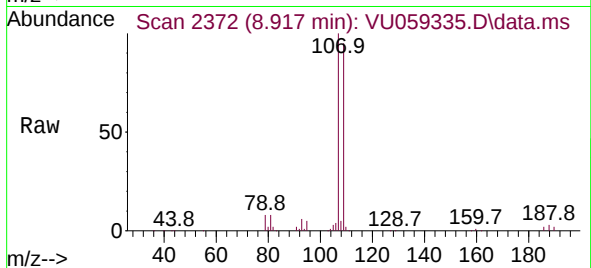
127 78.9 53.3 98.9



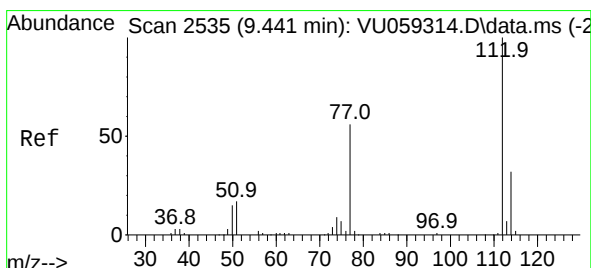
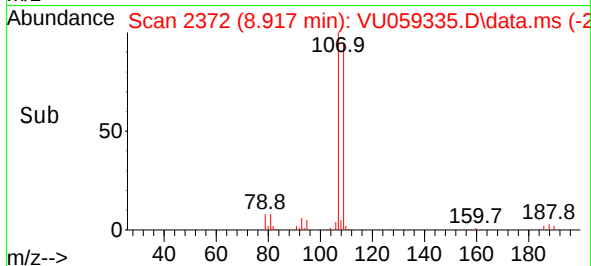
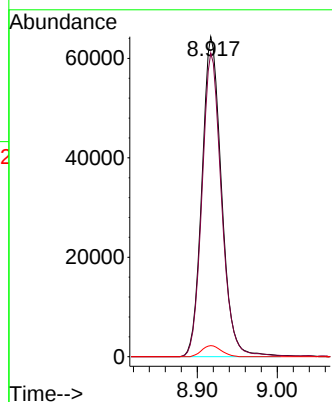


#50
1,2-Dibromoethane
Concen: 58.320 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. -0.000 min
Lab File: VU059335.D
Acq: 19 Jun 2024 00:58

Instrument :
MSVOA_U
ClientSampleId :

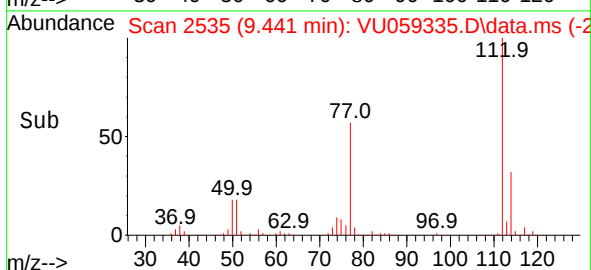
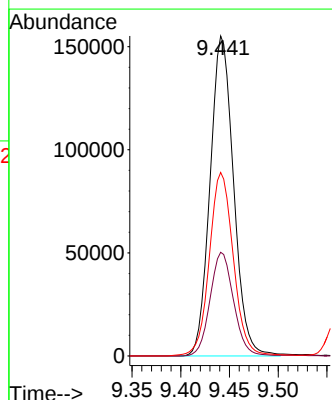
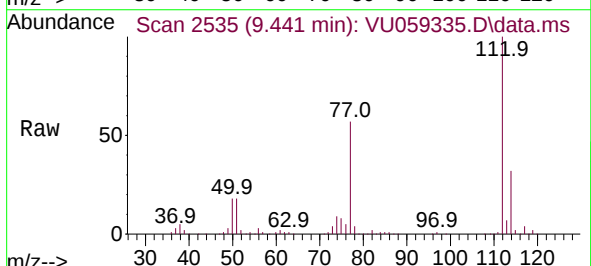


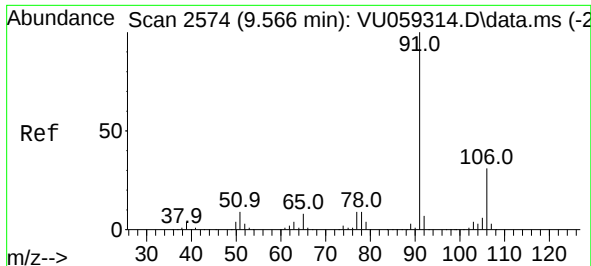
Tgt Ion:107 Resp: 109843
Ion Ratio Lower Upper
107 100
109 94.9 67.8 125.8
188 3.4 2.5 3.7



#51
Chlorobenzene
Concen: 60.170 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU059335.D
Acq: 19 Jun 2024 00:58

Tgt Ion:112 Resp: 260700
Ion Ratio Lower Upper
112 100
114 32.4 22.1 41.1
77 57.4 49.8 74.6

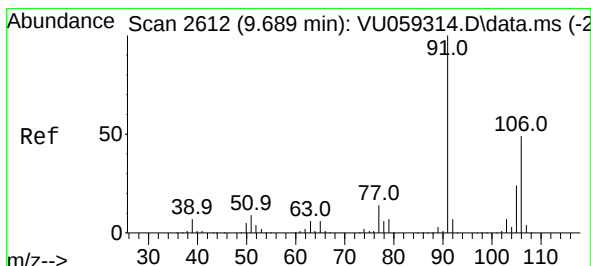
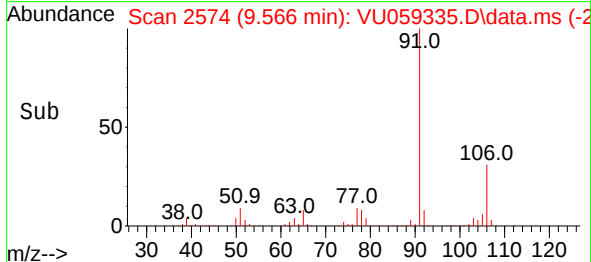
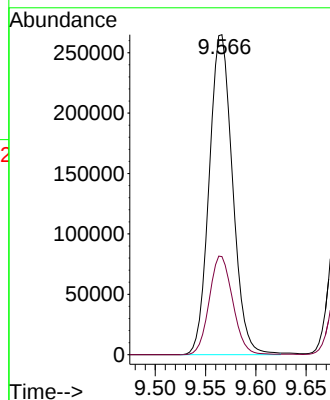
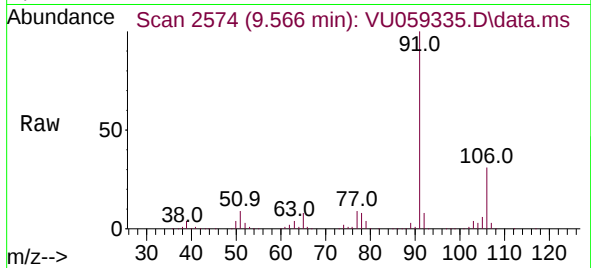




#52
Ethylbenzene
Concen: 57.939 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. -0.000 min
Lab File: VU059335.D
Acq: 19 Jun 2024 00:58

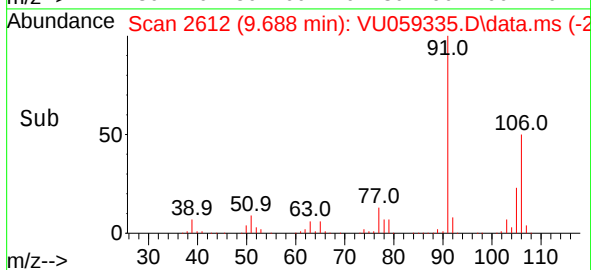
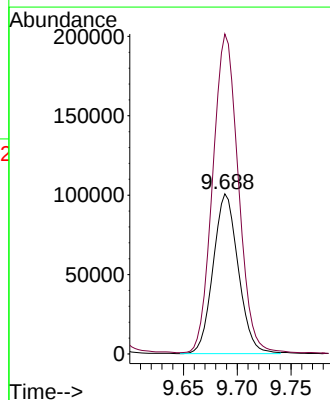
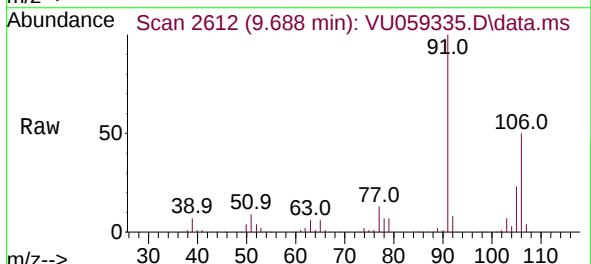
Instrument :
MSVOA_U
ClientSampleId :

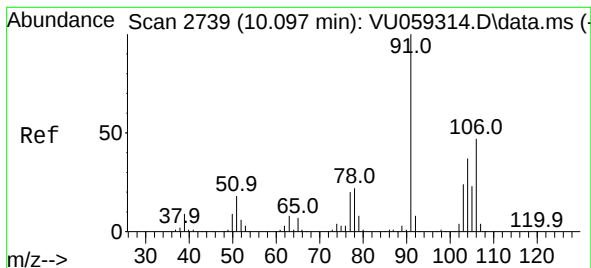
Tgt Ion: 91 Resp: 428799
Ion Ratio Lower Upper
91 100
106 30.7 21.0 39.0



#53
m,p-Xylene
Concen: 60.125 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU059335.D
Acq: 19 Jun 2024 00:58

Tgt Ion:106 Resp: 163540
Ion Ratio Lower Upper
106 100
91 199.8 146.4 272.0





#54

o-Xylene

Concen: 61.713 ug/L

RT: 10.094 min Scan# 2739

Delta R.T. -0.003 min

Lab File: VU059335.D

Acq: 19 Jun 2024 00:58

Instrument :

MSVOA_U

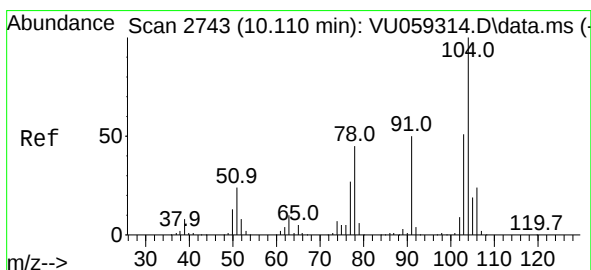
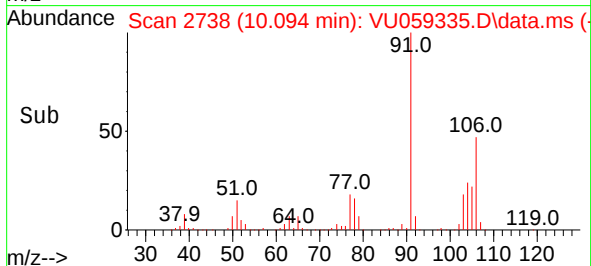
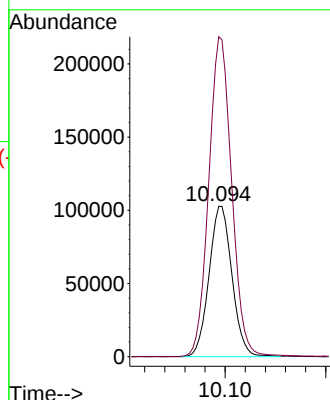
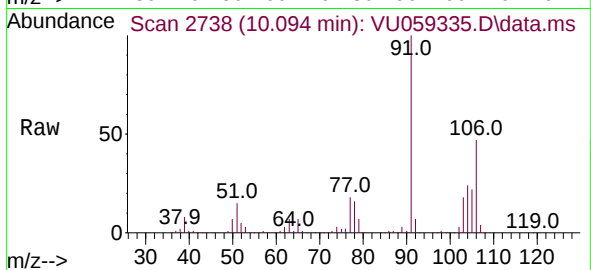
ClientSampleId :

Tgt Ion:106 Resp: 162677

Ion Ratio Lower Upper

106 100

91 212.9 156.7 290.9



#55

Styrene

Concen: 62.825 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. -0.000 min

Lab File: VU059335.D

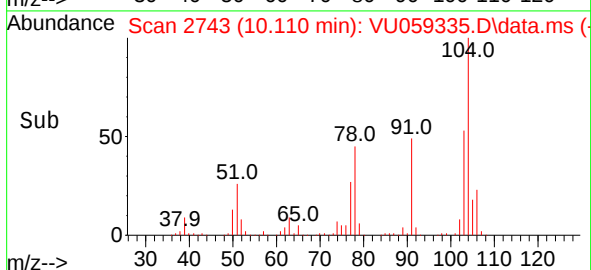
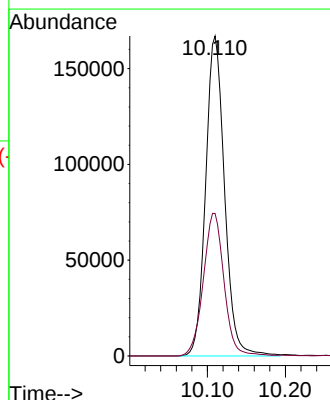
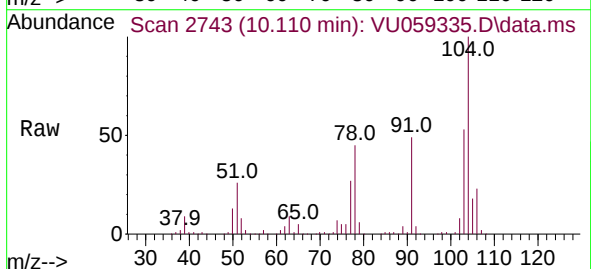
Acq: 19 Jun 2024 00:58

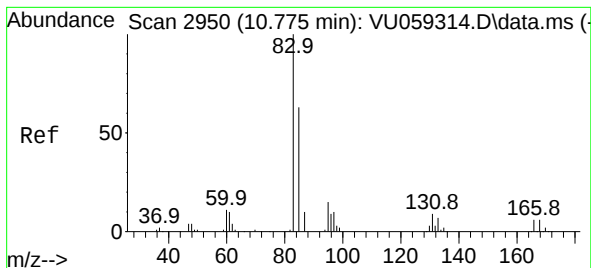
Tgt Ion:104 Resp: 281501

Ion Ratio Lower Upper

104 100

78 44.6 34.7 64.5





#57

1,1,2,2-Tetrachloroethane

Concen: 53.580 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU059335.D

Acq: 19 Jun 2024 00:58

Instrument :

MSVOA_U

ClientSampleId :

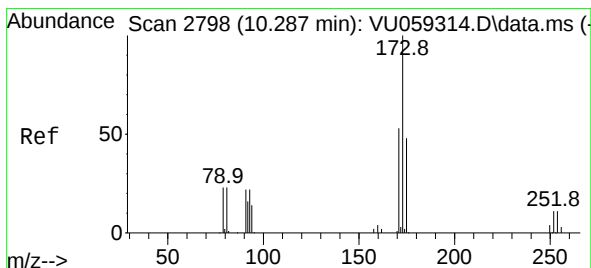
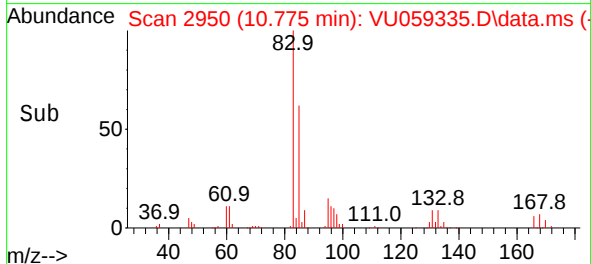
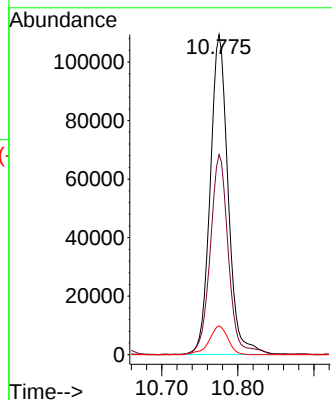
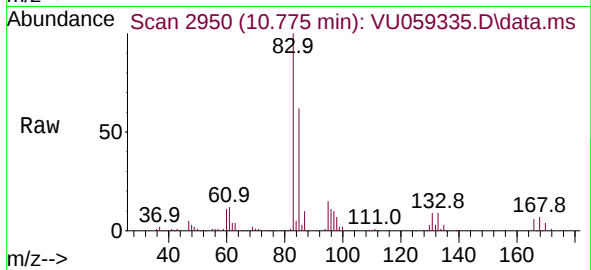
Tgt Ion: 83 Resp: 178215

Ion Ratio Lower Upper

83 100

85 62.5 46.1 85.7

131 9.0 7.0 10.4



#59

Bromoform

Concen: 56.198 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.003 min

Lab File: VU059335.D

Acq: 19 Jun 2024 00:58

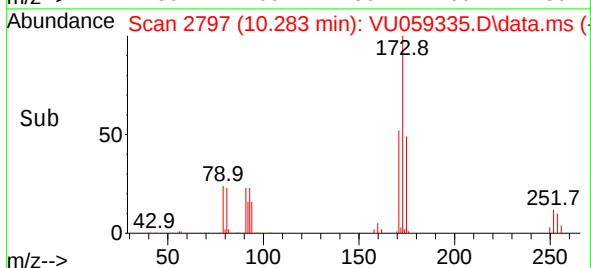
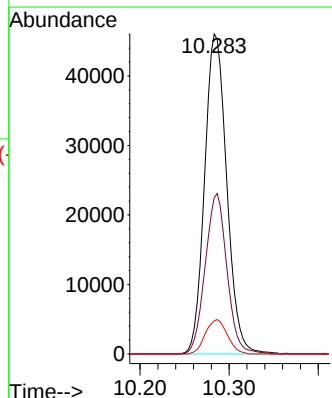
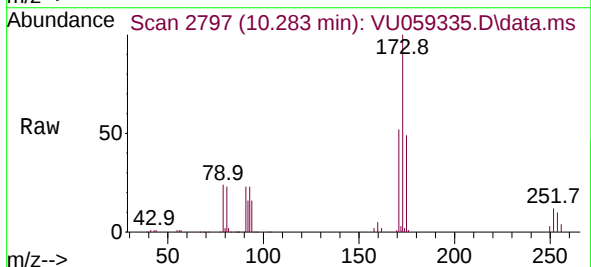
Tgt Ion:173 Resp: 79363

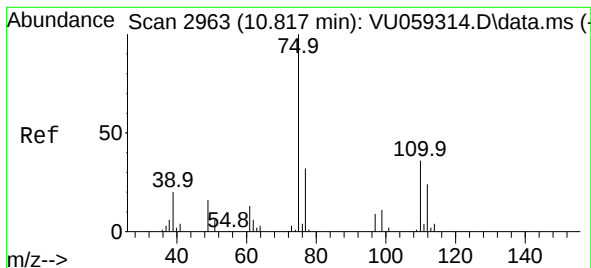
Ion Ratio Lower Upper

173 100

175 49.2 39.0 58.6

254 10.6 7.5 11.3





#60

1,2,3-Trichloropropane

Concen: 46.976 ug/L

RT: 10.814 min Scan# 2963

Delta R.T. -0.003 min

Lab File: VU059335.D

Acq: 19 Jun 2024 00:58

Instrument :

MSVOA_U

ClientSampleId :

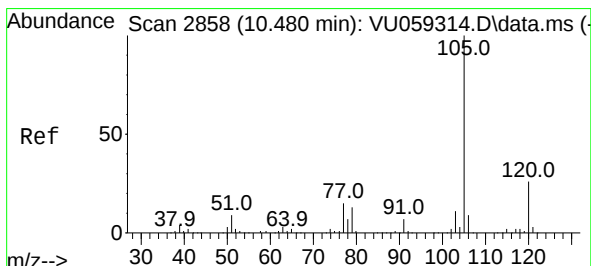
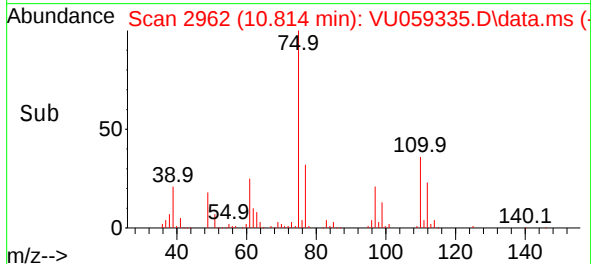
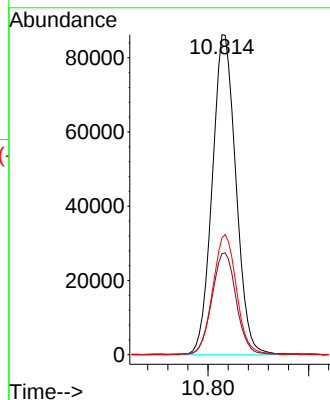
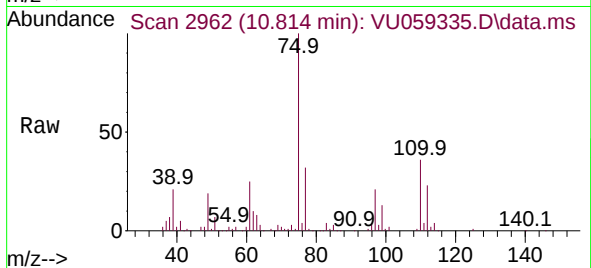
Tgt Ion: 75 Resp: 140700

Ion Ratio Lower Upper

75 100

77 32.7 26.2 39.2

110 38.0 28.4 42.6



#61

Isopropylbenzene

Concen: 56.889 ug/L

RT: 10.479 min Scan# 2858

Delta R.T. -0.000 min

Lab File: VU059335.D

Acq: 19 Jun 2024 00:58

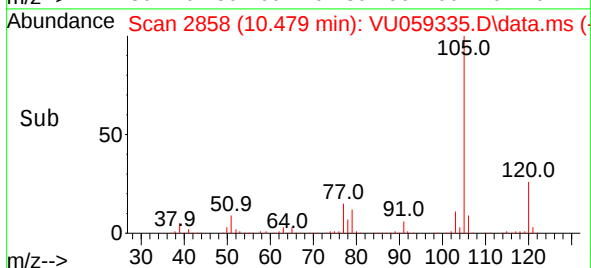
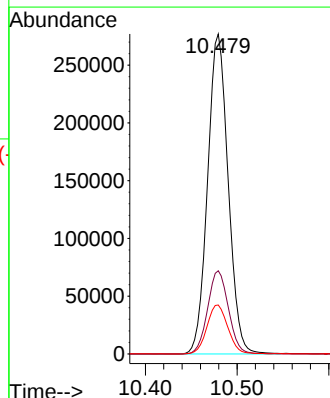
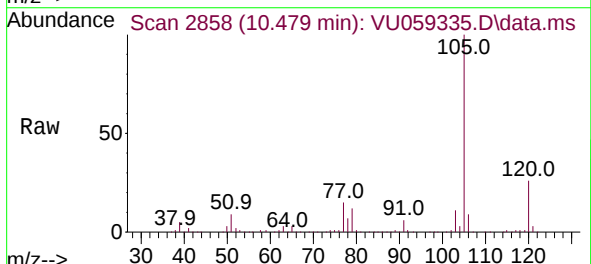
Tgt Ion:105 Resp: 431072

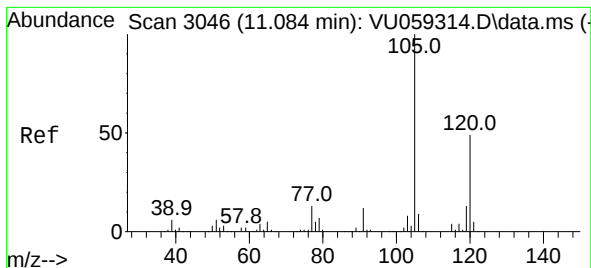
Ion Ratio Lower Upper

105 100

120 26.4 20.3 30.5

77 15.7 13.4 20.0





#62

1,3,5-Trimethylbenzene

Concen: 58.546 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. -0.000 min

Lab File: VU059335.D

Acq: 19 Jun 2024 00:58

Instrument :

MSVOA_U

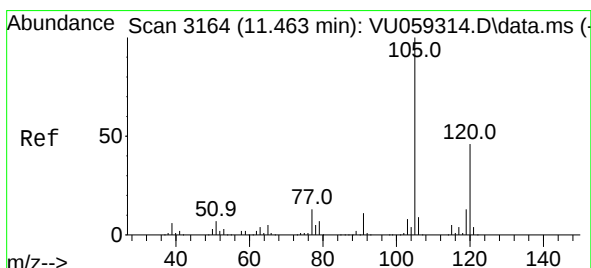
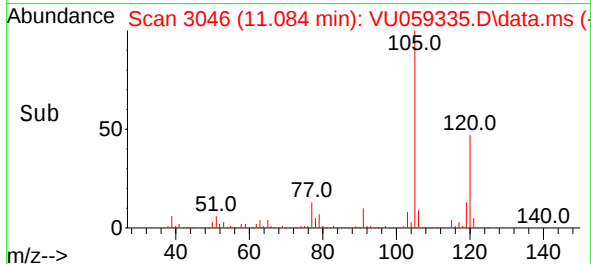
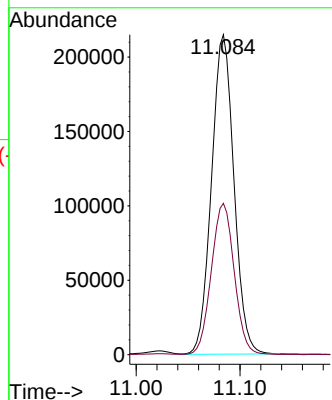
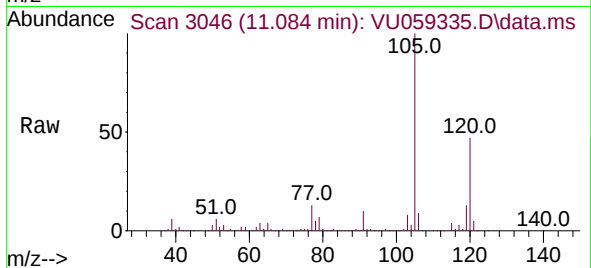
ClientSampleId :

Tgt Ion:105 Resp: 321427

Ion Ratio Lower Upper

105 100

120 48.5 37.8 56.8



#63

1,2,4-Trimethylbenzene

Concen: 63.576 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. -0.000 min

Lab File: VU059335.D

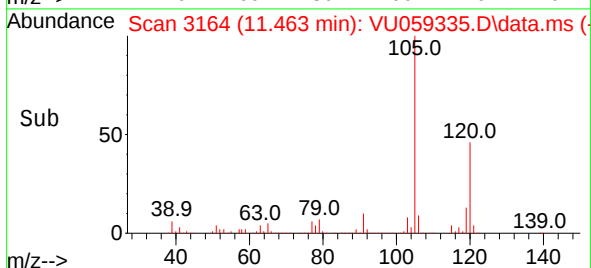
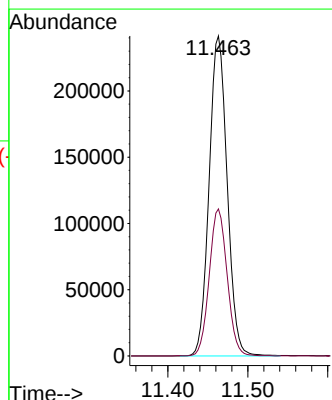
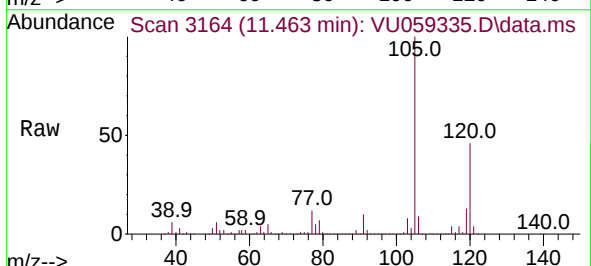
Acq: 19 Jun 2024 00:58

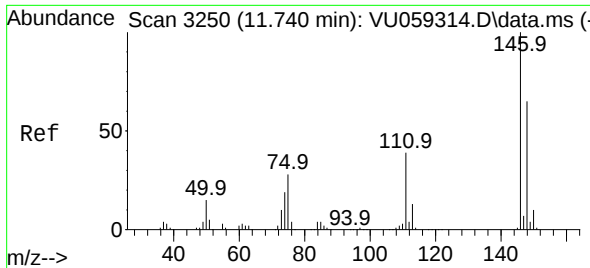
Tgt Ion:105 Resp: 378375

Ion Ratio Lower Upper

105 100

120 45.6 35.0 52.6





#64

1,3-Dichlorobenzene

Concen: 59.001 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. -0.000 min

Lab File: VU059335.D

Acq: 19 Jun 2024 00:58

Instrument :

MSVOA_U

ClientSampleId :

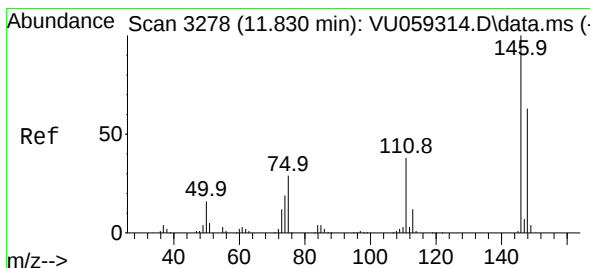
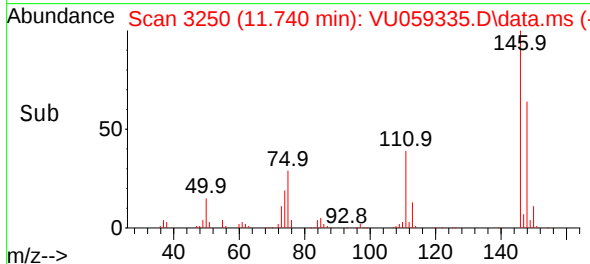
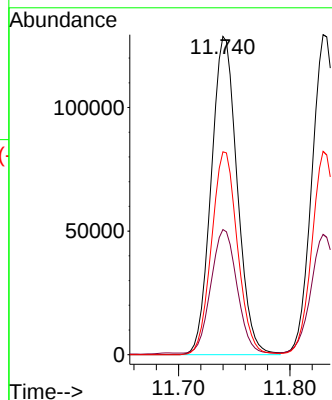
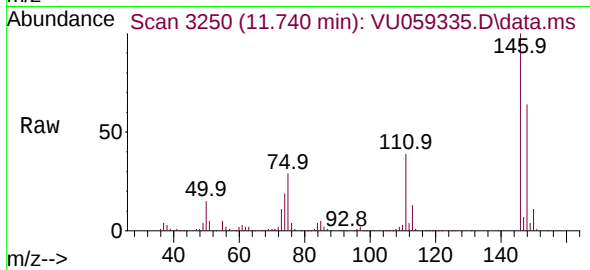
Tgt Ion:146 Resp: 208953

Ion Ratio Lower Upper

146 100

111 39.3 28.7 53.3

148 63.8 44.9 83.5



#65

1,4-Dichlorobenzene

Concen: 57.324 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. -0.000 min

Lab File: VU059335.D

Acq: 19 Jun 2024 00:58

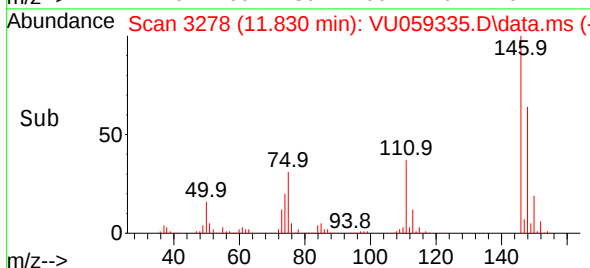
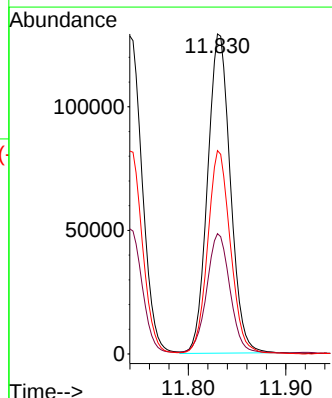
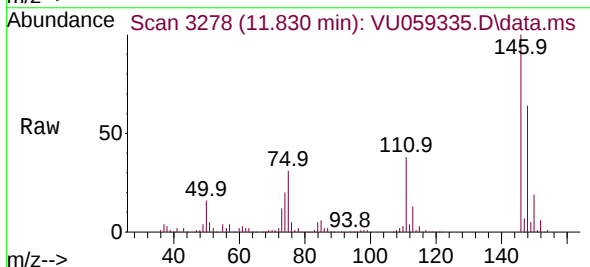
Tgt Ion:146 Resp: 209663

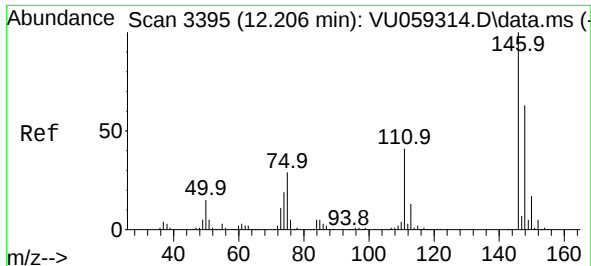
Ion Ratio Lower Upper

146 100

111 37.6 27.9 51.9

148 63.5 45.7 84.9





#67

1,2-Dichlorobenzene

Concen: 56.029 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

Lab File: VU059335.D

Acq: 19 Jun 2024 00:58

Instrument :

MSVOA_U

ClientSampleId :

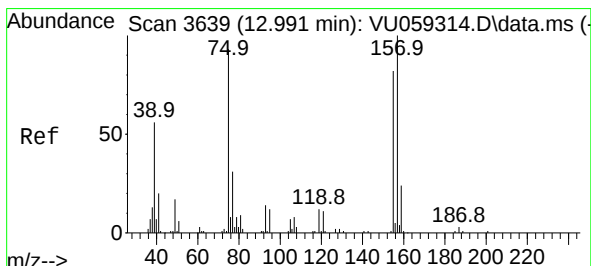
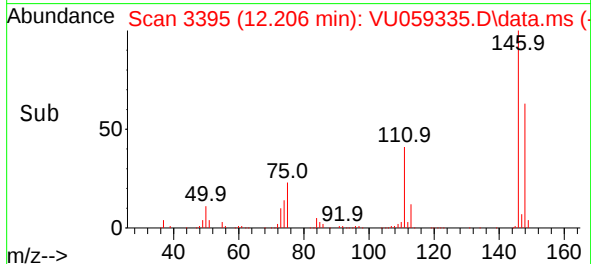
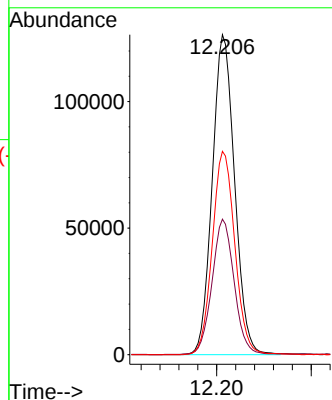
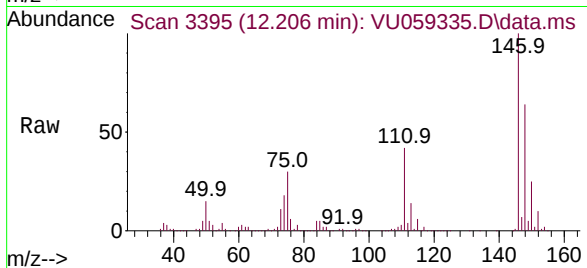
Tgt Ion:146 Resp: 207392

Ion Ratio Lower Upper

146 100

111 42.4 33.4 50.2

148 63.5 49.8 74.8



#68

1,2-Dibromo-3-chloropropane

Concen: 50.735 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.003 min

Lab File: VU059335.D

Acq: 19 Jun 2024 00:58

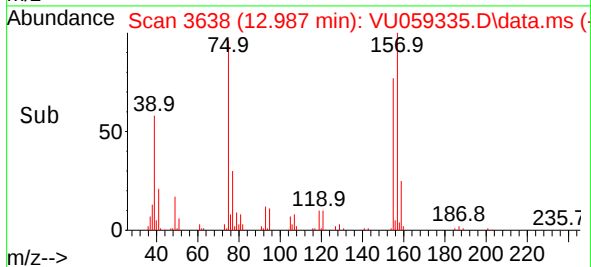
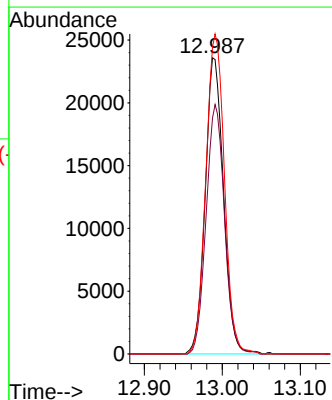
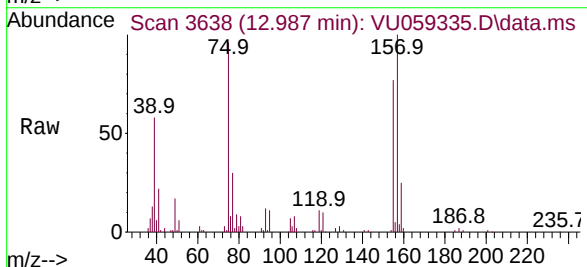
Tgt Ion: 75 Resp: 38524

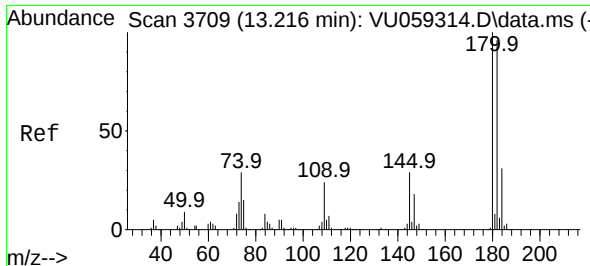
Ion Ratio Lower Upper

75 100

155 84.6 57.5 86.3

157 108.1 73.4 110.2





#69

1,3,5-Trichlorobenzene

Concen: 59.586 ug/L

RT: 13.216 min Scan# 3709

Delta R.T. -0.000 min

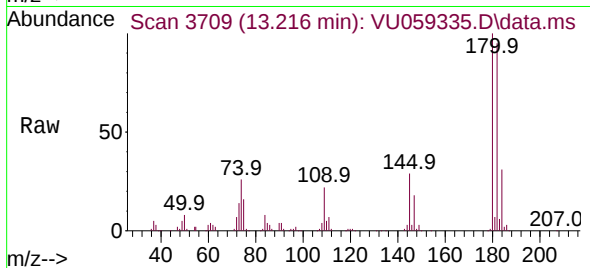
Lab File: VU059335.D

Acq: 19 Jun 2024 00:58

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 139365

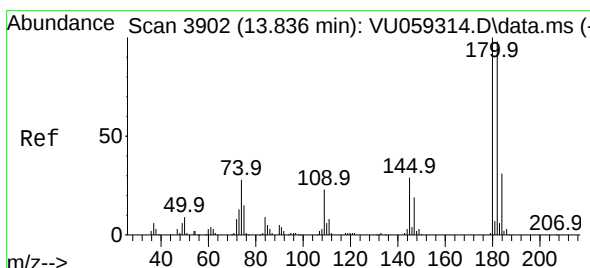
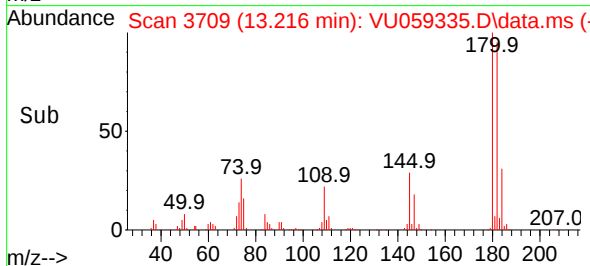
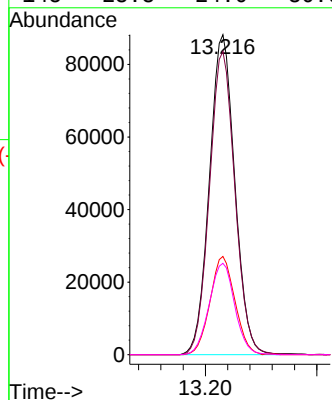
Ion Ratio Lower Upper

180 100

182 95.0 75.6 113.4

184 30.1 24.2 36.2

145 28.8 24.0 36.0



#70

1,2,4-trichlorobenzene

Concen: 63.292 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. -0.000 min

Lab File: VU059335.D

Acq: 19 Jun 2024 00:58

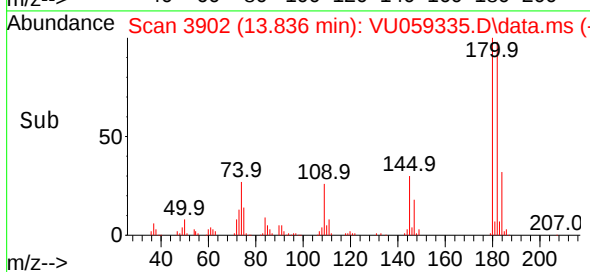
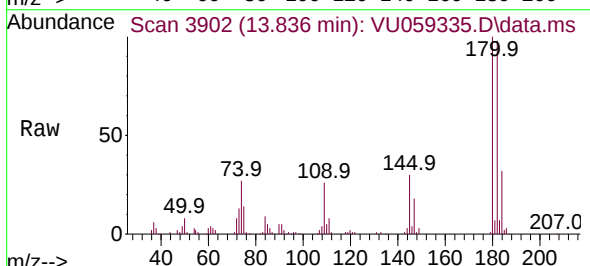
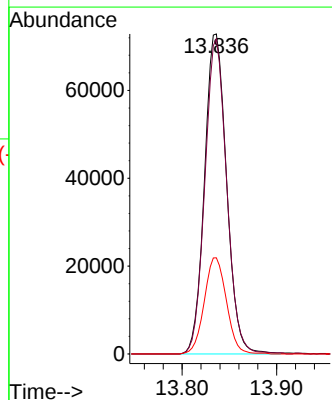
Tgt Ion:180 Resp: 118234

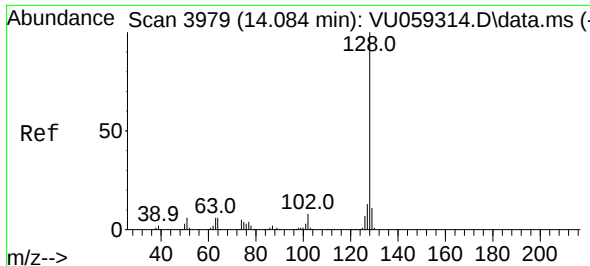
Ion Ratio Lower Upper

180 100

182 96.9 77.4 116.2

145 30.1 24.8 37.2

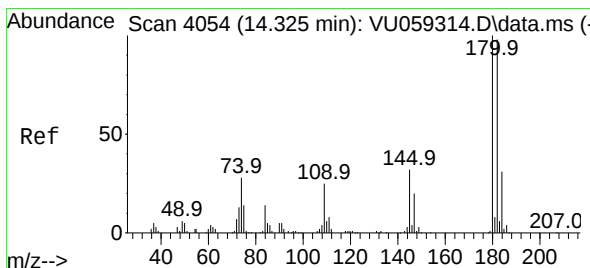
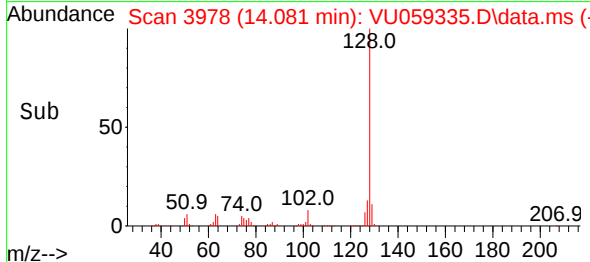
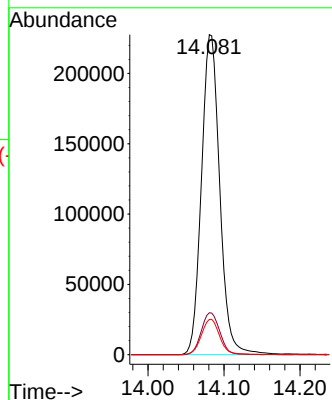
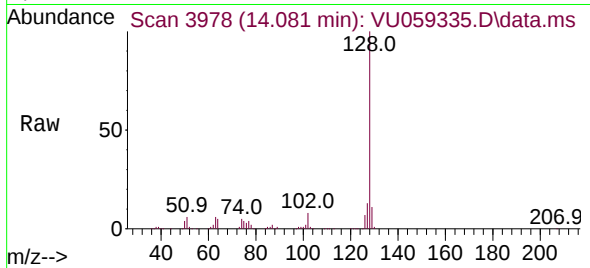




#71
Naphthalene
Concen: 64.272 ug/L
RT: 14.081 min Scan# 3979
Delta R.T. -0.003 min
Lab File: VU059335.D
Acq: 19 Jun 2024 00:58

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 380039
Ion Ratio Lower Upper
128 100
127 13.3 10.4 15.6
129 11.0 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 66.543 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. -0.000 min
Lab File: VU059335.D
Acq: 19 Jun 2024 00:58

Tgt Ion:180 Resp: 126377
Ion Ratio Lower Upper
180 100
182 96.2 76.2 114.4
145 30.7 26.4 39.6

