

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061424\
 Data File : VU059267.D
 Acq On : 14 Jun 2024 22:44
 Operator : MD/SY
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 15 02:56:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 15 02:48:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	231092	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	232728	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	122268	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	67750	48.965	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.920%
7) Chloroethane-d5	1.907	69	61133	51.578	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.160%
11) 1,1-Dichloroethene-d2	2.563	63	135137	49.480	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.960%
21) 2-Butanone-d5	4.608	46	111137	85.216	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.220%
24) Chloroform-d	5.055	84	135541	49.208	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.420%
26) 1,2-Dichloroethane-d4	5.692	65	83160	49.258	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.520%
32) Benzene-d6	5.721	84	268482	50.264	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.520%
36) 1,2-Dichloropropane-d6	6.682	67	85875	46.628	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.260%
41) Toluene-d8	7.891	98	242878	53.563	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.120%
43) trans-1,3-Dichloroprop...	8.174	79	34064	45.757	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.520%
47) 2-Hexanone-d5	8.624	63	68853	80.845	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.840%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	129309	41.485	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.980%
66) 1,2-Dichlorobenzene-d4	12.187	152	85195	46.691	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.380%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	111048	47.427	ug/L	98
3) Chloromethane	1.518	50	130908	48.375	ug/L	99
5) Vinyl chloride	1.602	62	136803	51.447	ug/L	99
6) Bromomethane	1.853	94	82841	38.941	ug/L	96
8) Chloroethane	1.930	64	84146	50.746	ug/L	98
9) Trichlorofluoromethane	2.136	101	157168	50.793	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	96028	53.339	ug/L	96
12) 1,1-Dichloroethene	2.576	96	90534	55.444	ug/L	85
13) Acetone	2.615	43	113573	74.088	ug/L	99
14) Carbon disulfide	2.788	76	275689	50.131	ug/L	100
15) Methyl Acetate	2.939	43	125820	51.816	ug/L	100
16) Methylene chloride	3.039	84	118274	53.532	ug/L	92
17) trans-1,2-Dichloroethene	3.345	96	97123	55.108	ug/L	96
18) Methyl tert-butyl Ether	3.354	73	300223	52.442	ug/L	99
19) 1,1-Dichloroethane	3.859	63	195470	51.743	ug/L	96
20) cis-1,2-Dichloroethene	4.660	96	110870	55.205	ug/L	95
22) 2-Butanone	4.689	43	176550	95.129	ug/L	99
23) Bromochloromethane	4.965	128	56244	55.288	ug/L	92
25) Chloroform	5.078	83	198443	54.250	ug/L	97

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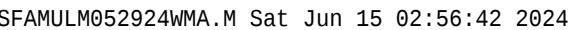
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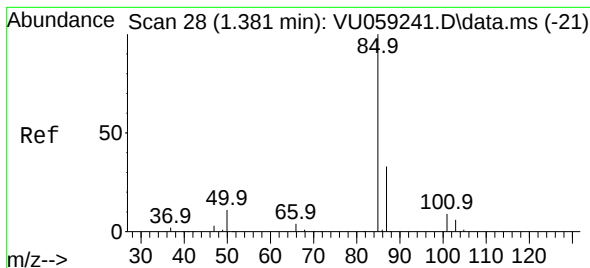
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	157018	50.813	ug/L	97
29) Cyclohexane	5.380	56	153652	49.453	ug/L	98
30) 1,1,1-Trichloroethane	5.309	97	155272	51.314	ug/L	99
31) Carbon tetrachloride	5.518	117	124237	50.547	ug/L	99
33) Benzene	5.766	78	446142	53.089	ug/L	100
34) Trichloroethene	6.537	95	112233	54.543	ug/L	95
35) Methylcyclohexane	6.759	83	153085	50.599	ug/L	98
37) 1,2-Dichloropropane	6.782	63	124097	52.004	ug/L	99
38) Bromodichloromethane	7.097	83	143311	51.557	ug/L	95
39) cis-1,3-Dichloropropene	7.602	75	163716	49.586	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	330978	105.797	ug/L	98
42) Toluene	7.962	91	467691	55.444	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	150963	50.505	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	116238	54.177	ug/L	99
46) Tetrachloroethene	8.547	164	77295	56.395	ug/L	94
48) 2-Hexanone	8.676	43	258341	97.912	ug/L	96
49) Dibromochloromethane	8.801	129	104095	53.685	ug/L	95
50) 1,2-Dibromoethane	8.917	107	118352	53.476	ug/L	98
51) Chlorobenzene	9.441	112	282337	55.456	ug/L	98
52) Ethylbenzene	9.563	91	478875	55.066	ug/L	100
53) m,p-Xylene	9.688	106	182739	57.175	ug/L	96
54) o-Xylene	10.094	106	178128	57.507	ug/L	99
55) Styrene	10.106	104	315304	59.885	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.775	83	199536	51.053	ug/L	98
59) Bromoform	10.283	173	81910	51.094	ug/L	99
60) 1,2,3-Trichloropropane	10.814	75	160287	47.141	ug/L	99
61) Isopropylbenzene	10.479	105	465807	54.151	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	331090	53.124	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	362228	53.614	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	216504	53.852	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	217835	52.465	ug/L	100
67) 1,2-Dichlorobenzene	12.206	146	214162	50.967	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.991	75	41136	47.723	ug/L	90
69) 1,3,5-Trichlorobenzene	13.212	180	141355	53.238	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	119133	56.178	ug/L	99
71) Naphthalene	14.080	128	388252	57.841	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	126088	58.483	ug/L	99

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

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#2

Dichlorodifluoromethane

Concen: 47.427 ug/L

RT: 1.380 min Scan# 21

Delta R.T. -0.000 min MSVOA_U

Lab File: VU059267.D

Acq: 14 Jun 2024 22:44

Instrument :

MSVOA_U

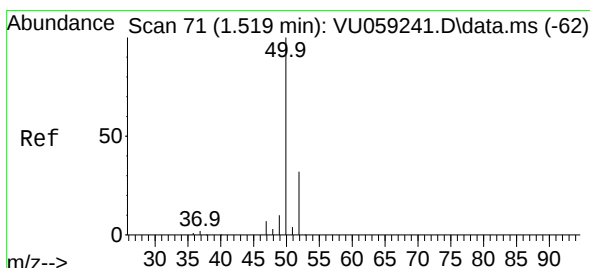
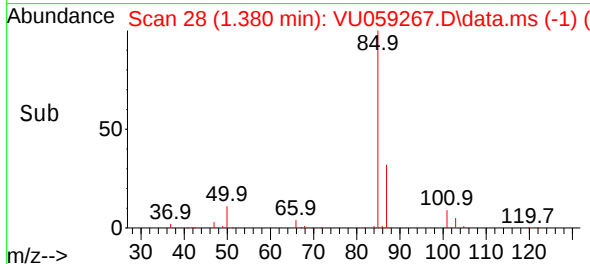
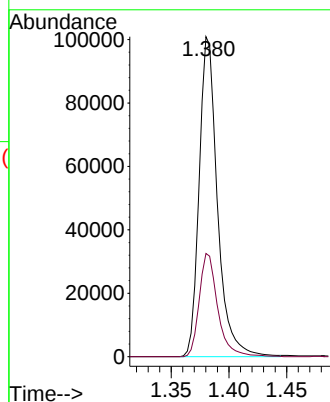
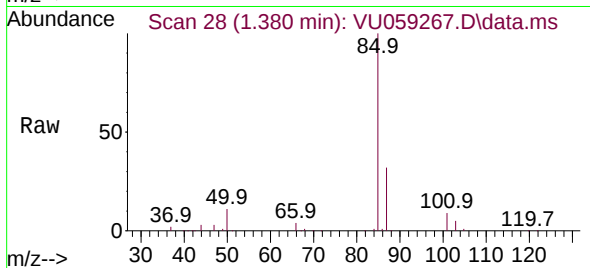
ClientSampleId :

Tgt Ion: 85 Resp: 111048

Ion Ratio Lower Upper

85 100

87 32.6 25.4 38.2



#3

Chloromethane

Concen: 48.375 ug/L

RT: 1.518 min Scan# 71

Delta R.T. -0.000 min

Lab File: VU059267.D

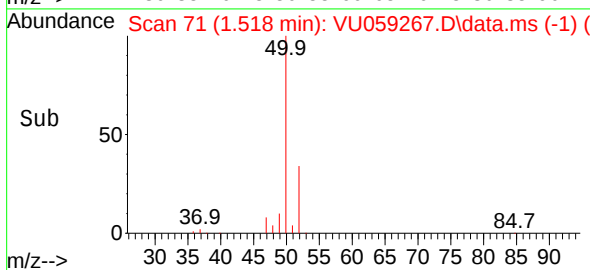
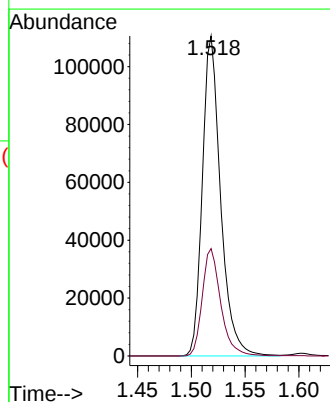
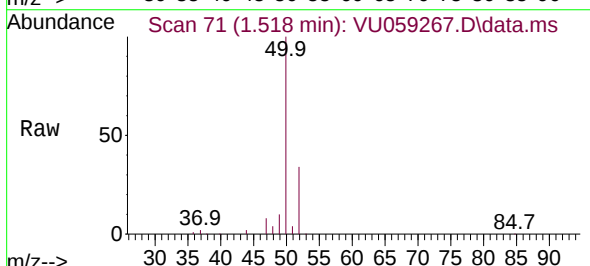
Acq: 14 Jun 2024 22:44

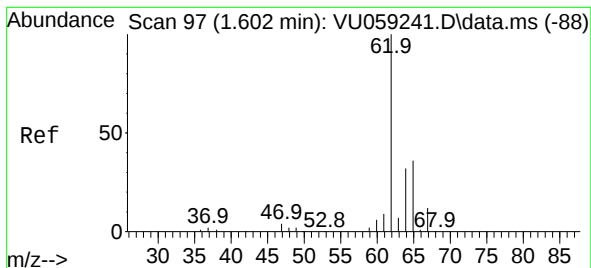
Tgt Ion: 50 Resp: 130908

Ion Ratio Lower Upper

50 100

52 33.6 23.2 43.2





#5

Vinyl chloride

Concen: 51.447 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU059267.D

Acq: 14 Jun 2024 22:44

Instrument :

MSVOA_U

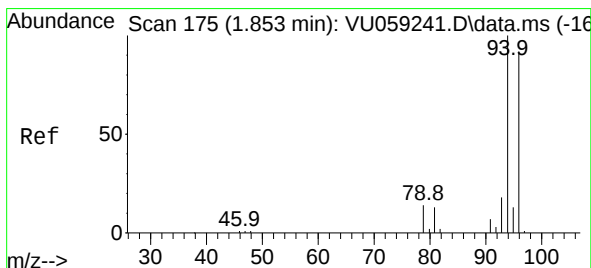
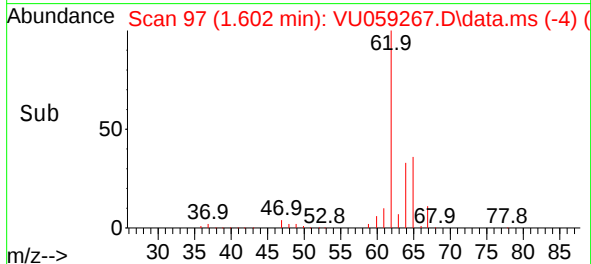
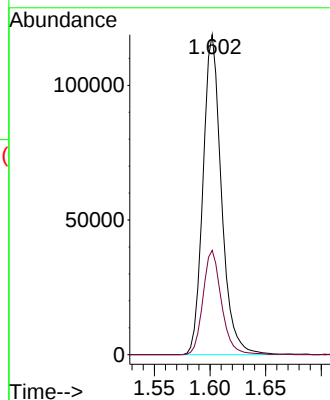
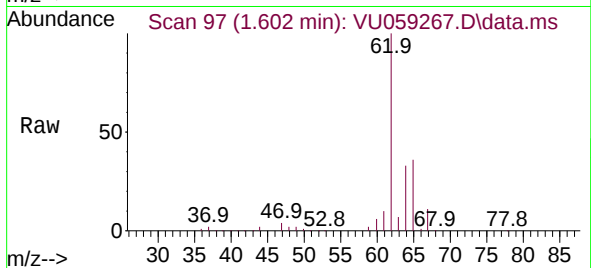
ClientSampleId :

Tgt Ion: 62 Resp: 136803

Ion Ratio Lower Upper

62 100

64 32.6 22.5 41.7



#6

Bromomethane

Concen: 38.941 ug/L

RT: 1.853 min Scan# 175

Delta R.T. -0.000 min

Lab File: VU059267.D

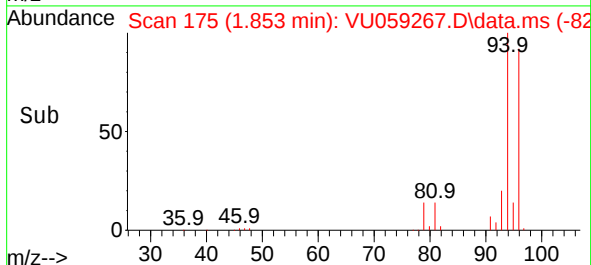
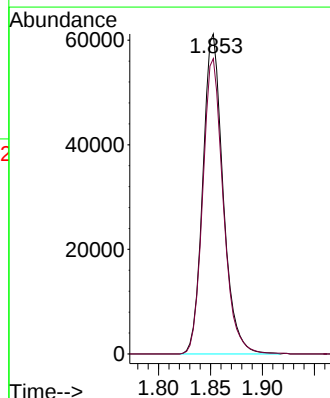
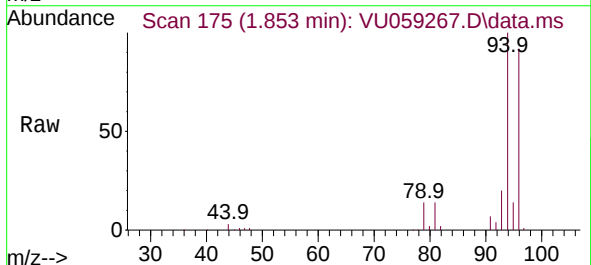
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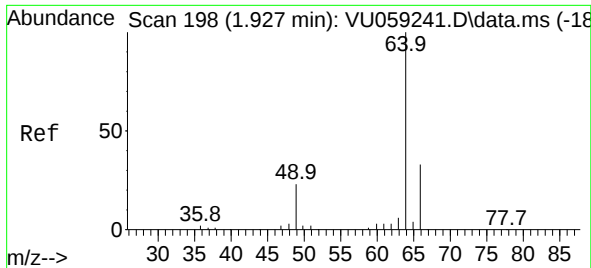
Tgt Ion: 94 Resp: 82841

Ion Ratio Lower Upper

94 100

96 92.3 67.1 124.7

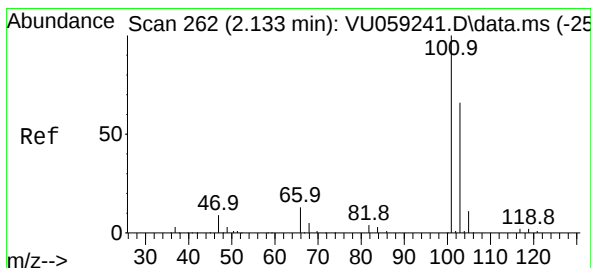
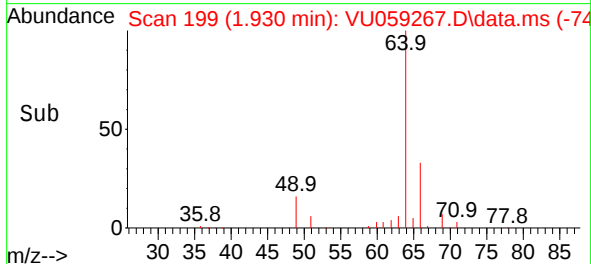
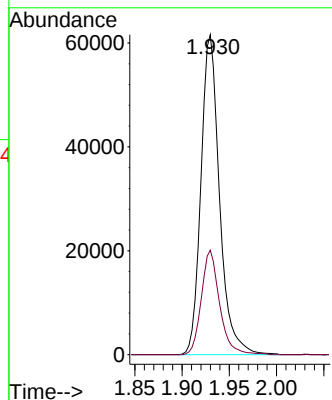
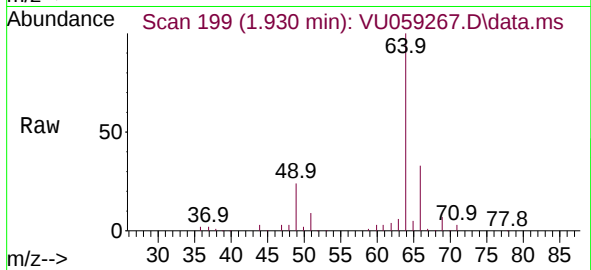




#8
Chloroethane
Concen: 50.746 ug/L
RT: 1.930 min Scan# 198
Delta R.T. 0.003 min
Lab File: VU059267.D
Acq: 14 Jun 2024 22:44

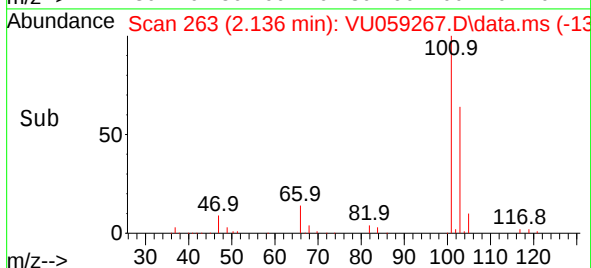
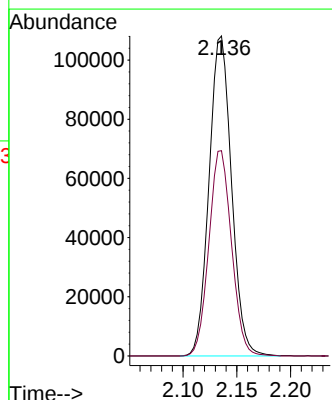
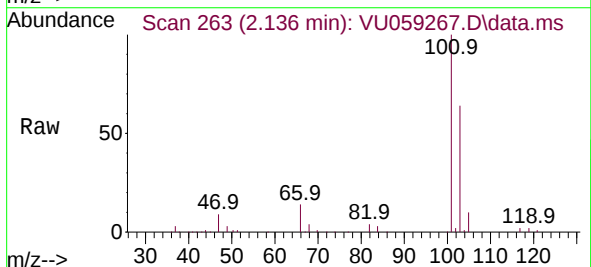
Instrument :
MSVOA_U
ClientSampleId :

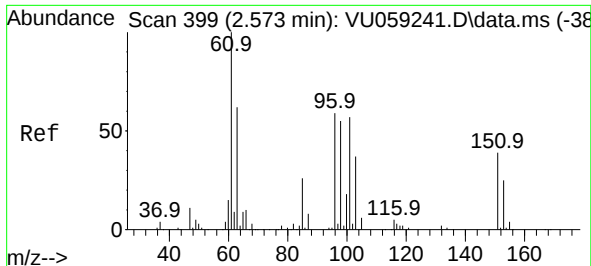
Tgt Ion: 64 Resp: 84146
Ion Ratio Lower Upper
64 100
66 32.7 22.1 41.1



#9
Trichlorofluoromethane
Concen: 50.793 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.003 min
Lab File: VU059267.D
Acq: 14 Jun 2024 22:44

Tgt Ion:101 Resp: 157168
Ion Ratio Lower Upper
101 100
103 64.6 51.8 77.6

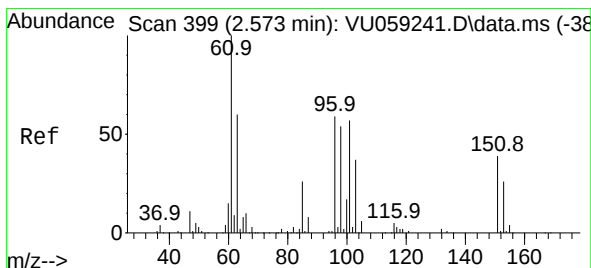
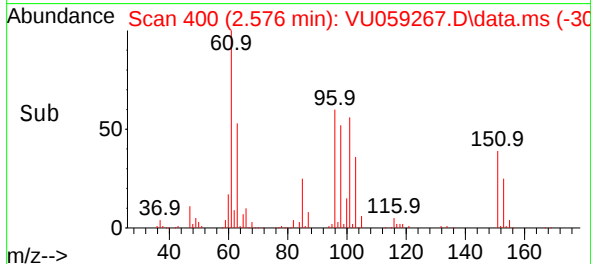
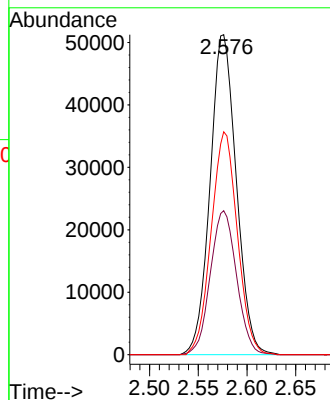
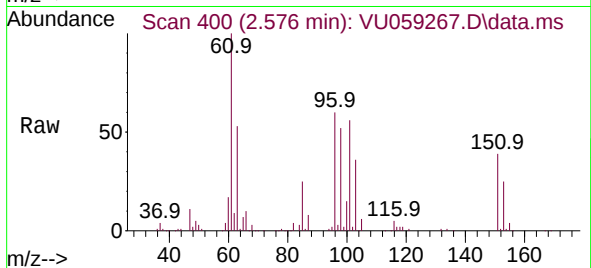




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 53.339 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU059267.D
Acq: 14 Jun 2024 22:44

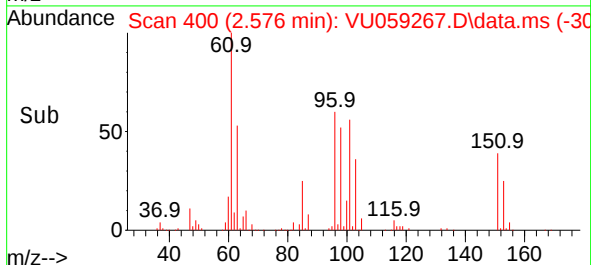
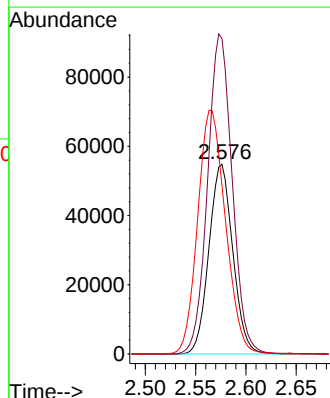
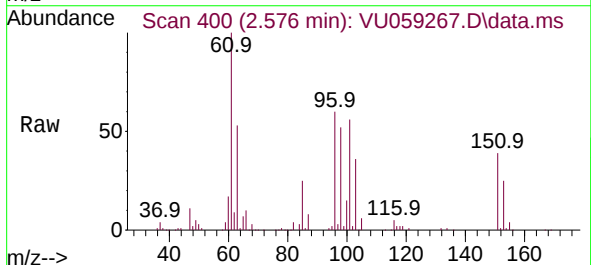
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ClientSampleId :

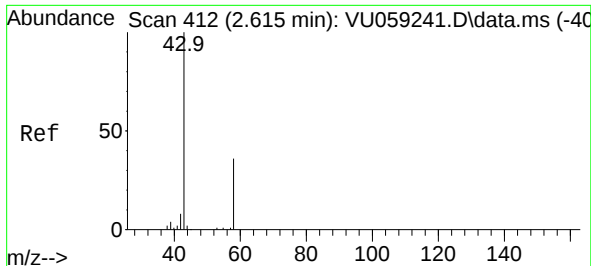
Tgt Ion:101 Resp: 96028
Ion Ratio Lower Upper
101 100
85 45.0 36.7 55.1
151 69.5 52.2 78.2



#12
1,1-Dichloroethene
Concen: 55.444 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU059267.D
Acq: 14 Jun 2024 22:44

Tgt Ion: 96 Resp: 90534
Ion Ratio Lower Upper
96 100
61 166.2 126.3 234.6
63 88.8 78.7 146.1





#13

Acetone

Concen: 74.088 ug/L

RT: 2.615 min Scan# 41

Delta R.T. -0.000 min

Lab File: VU059267.D

Acq: 14 Jun 2024 22:44

Instrument :

MSVOA_U

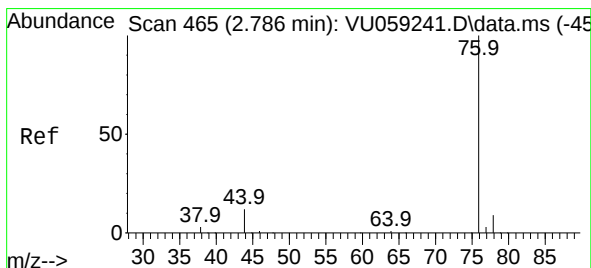
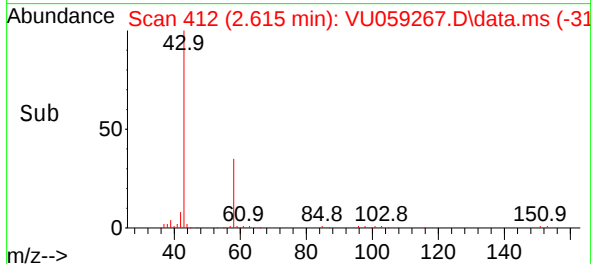
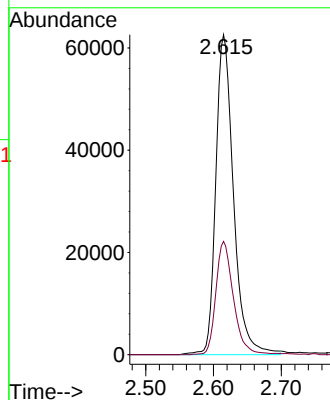
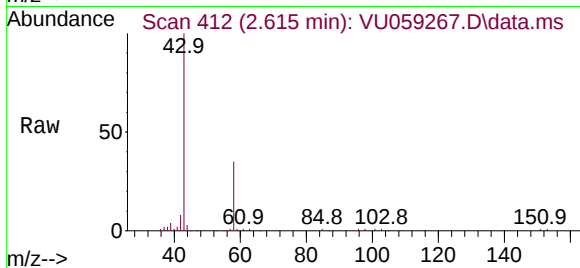
ClientSampleId :

Tgt Ion: 43 Resp: 113573

Ion Ratio Lower Upper

43 100

58 35.0 0.0 68.8



#14

Carbon disulfide

Concen: 50.131 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.003 min

Lab File: VU059267.D

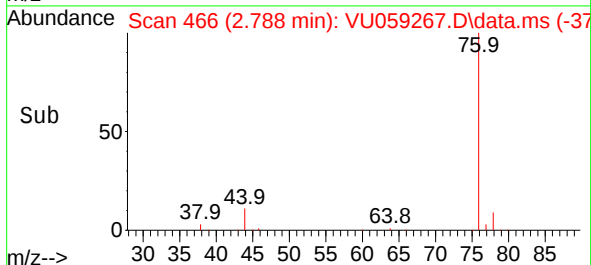
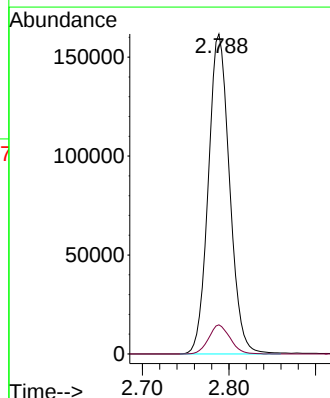
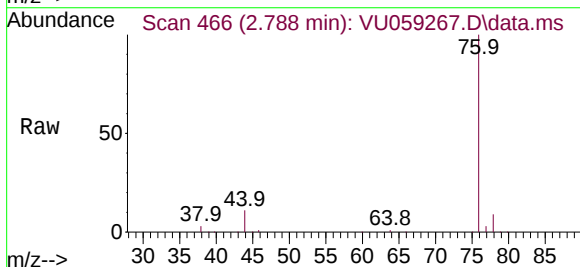
Acq: 14 Jun 2024 22:44

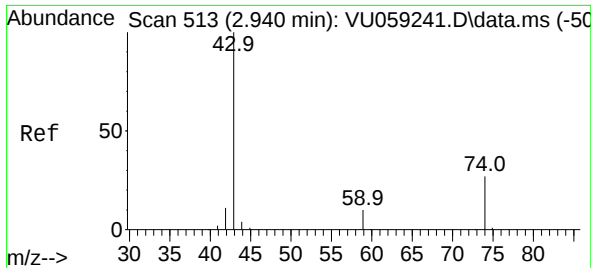
Tgt Ion: 76 Resp: 275689

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8





#15

Methyl Acetate

Concen: 51.816 ug/L

RT: 2.939 min Scan# 51

Delta R.T. -0.000 min

Lab File: VU059267.D

Acq: 14 Jun 2024 22:44

Instrument :

MSVOA_U

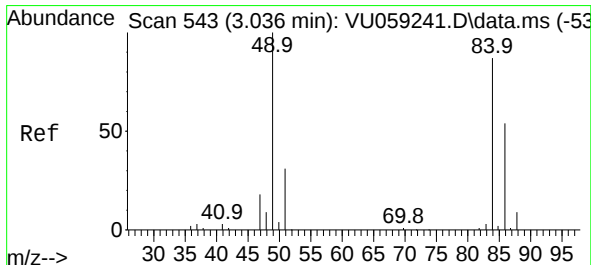
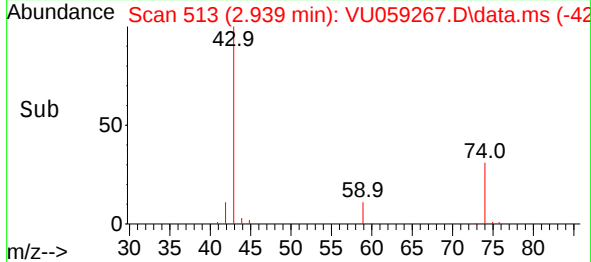
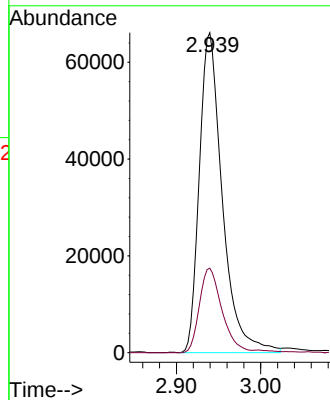
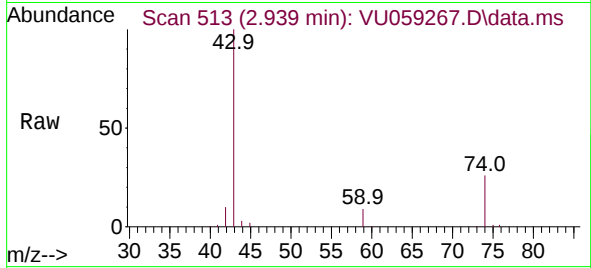
ClientSampleId :

Tgt Ion: 43 Resp: 125820

Ion Ratio Lower Upper

43 100

74 25.8 20.8 31.2



#16

Methylene chloride

Concen: 53.532 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.003 min

Lab File: VU059267.D

Acq: 14 Jun 2024 22:44

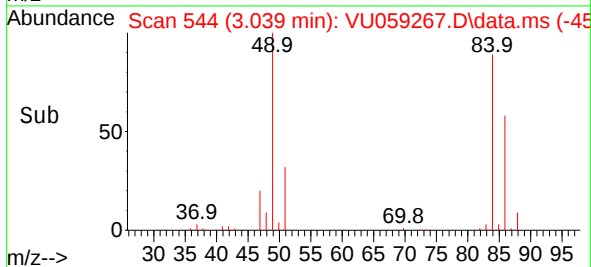
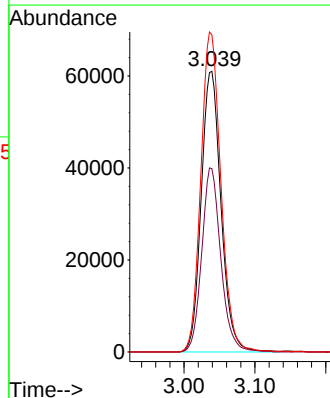
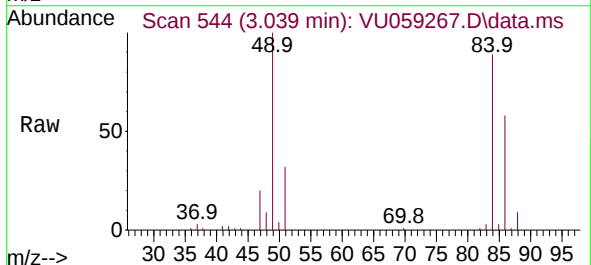
Tgt Ion: 84 Resp: 118274

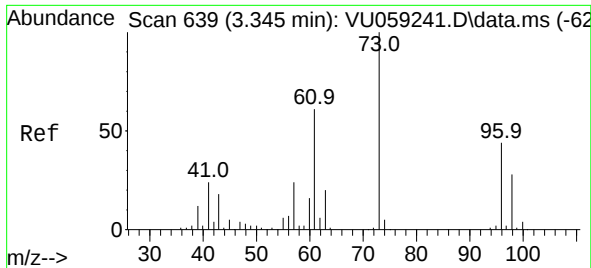
Ion Ratio Lower Upper

84 100

86 65.4 44.9 83.3

49 113.0 87.5 162.5





#17

trans-1,2-Dichloroethene

Concen: 55.108 ug/L

RT: 3.345 min Scan# 639

Delta R.T. -0.000 min

Lab File: VU059267.D

Acq: 14 Jun 2024 22:44

Instrument :

MSVOA_U

ClientSampleId :

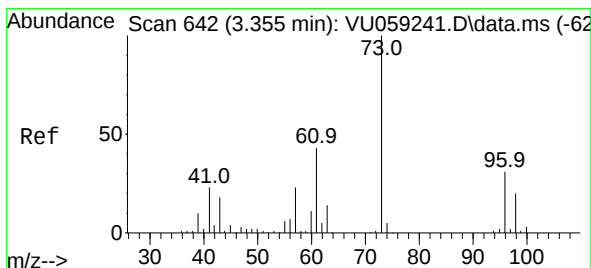
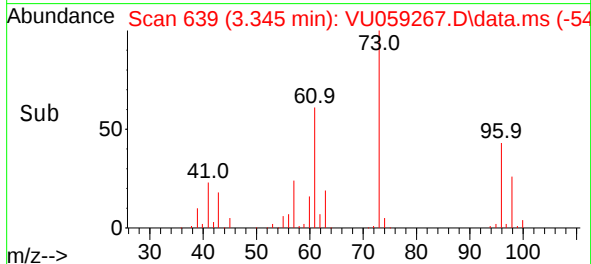
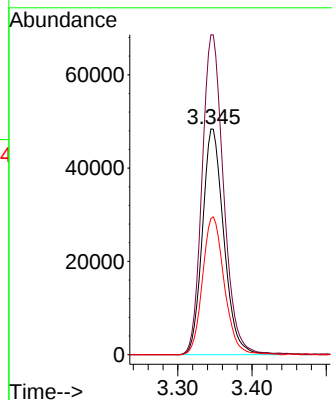
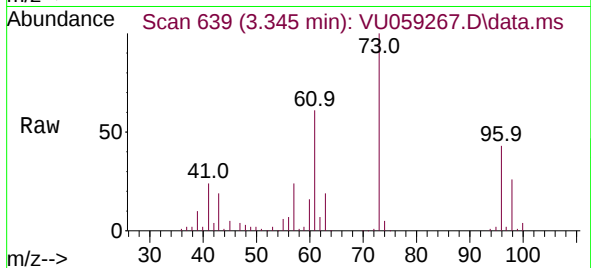
Tgt Ion: 96 Resp: 97123

Ion Ratio Lower Upper

96 100

61 141.8 103.5 192.3

98 60.3 42.4 78.6



#18

Methyl tert-butyl Ether

Concen: 52.442 ug/L

RT: 3.354 min Scan# 642

Delta R.T. -0.000 min

Lab File: VU059267.D

Acq: 14 Jun 2024 22:44

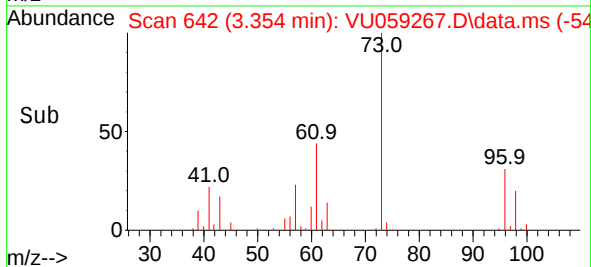
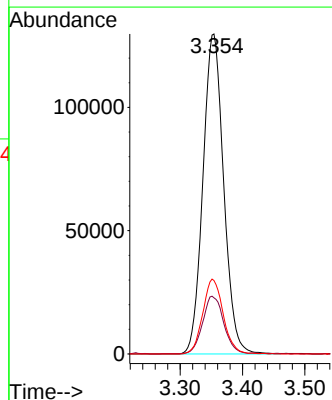
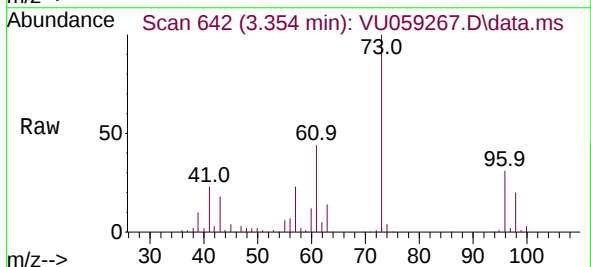
Tgt Ion: 73 Resp: 300223

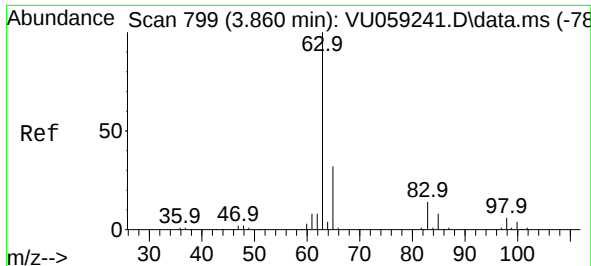
Ion Ratio Lower Upper

73 100

43 18.4 15.6 23.4

57 23.0 18.6 28.0





#19

1,1-Dichloroethane

Concen: 51.743 ug/L

RT: 3.859 min Scan# 799

Delta R.T. -0.000 min MSVOA_U

Lab File: VU059267.D

Acq: 14 Jun 2024 22:44

Instrument :

MSVOA_U

ClientSampleId :

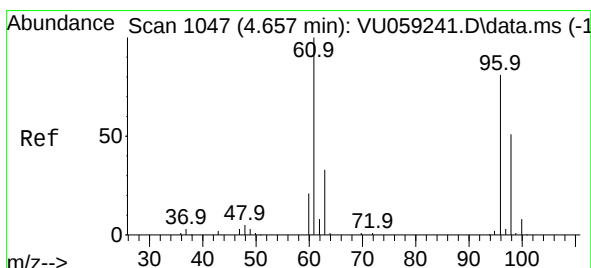
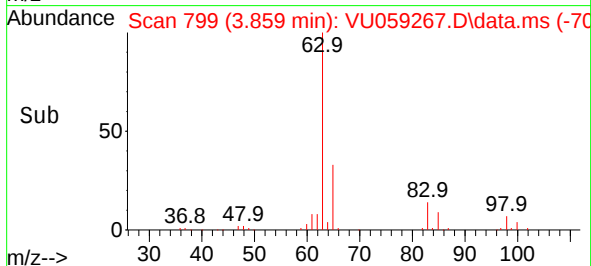
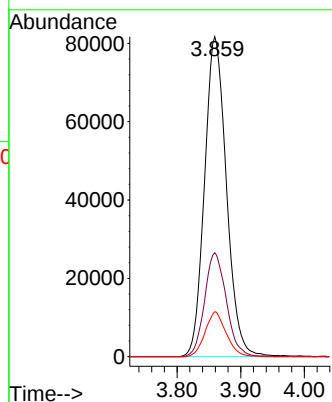
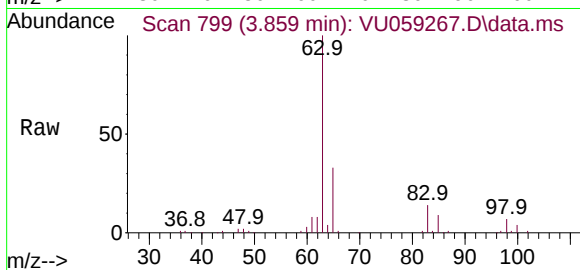
Tgt Ion: 63 Resp: 195470

Ion Ratio Lower Upper

63 100

65 32.5 21.3 39.5

83 14.1 8.8 16.3



#20

cis-1,2-Dichloroethene

Concen: 55.205 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. 0.003 min

Lab File: VU059267.D

Acq: 14 Jun 2024 22:44

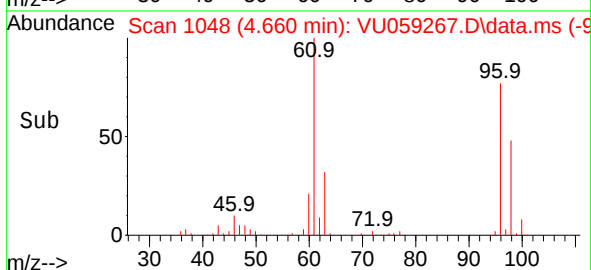
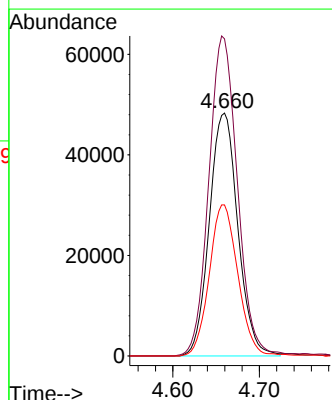
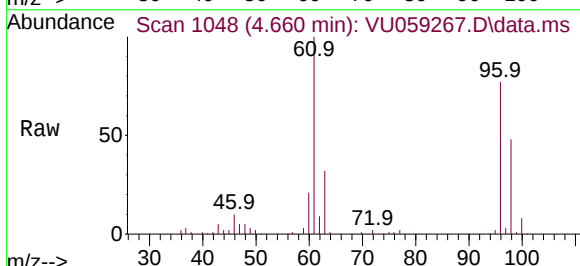
Tgt Ion: 96 Resp: 110870

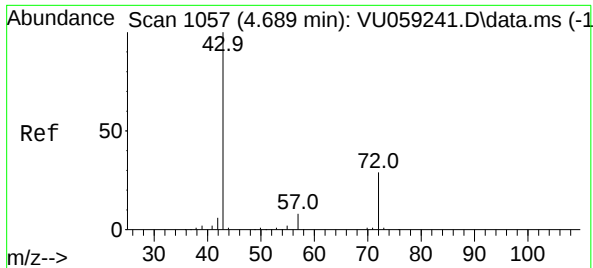
Ion Ratio Lower Upper

96 100

61 130.6 96.2 178.6

98 62.2 45.6 84.6

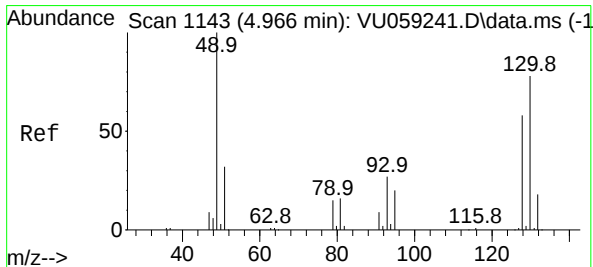
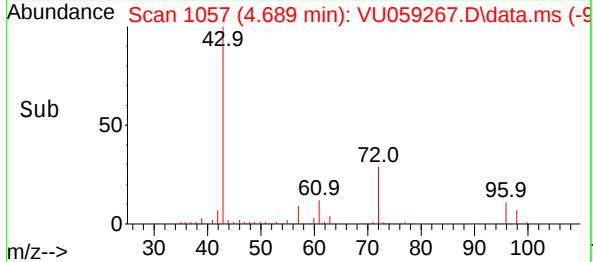
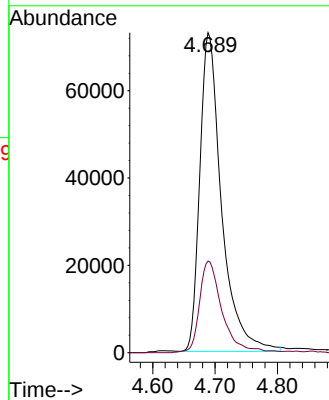
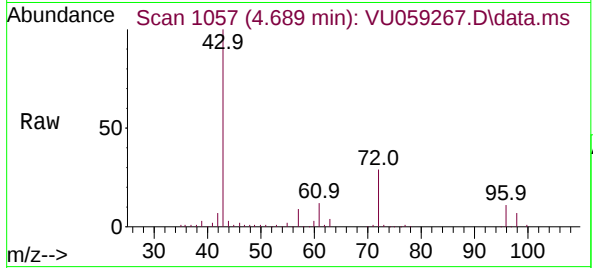




#22
2-Butanone
Concen: 95.129 ug/L
RT: 4.689 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VU059267.D
Acq: 14 Jun 2024 22:44

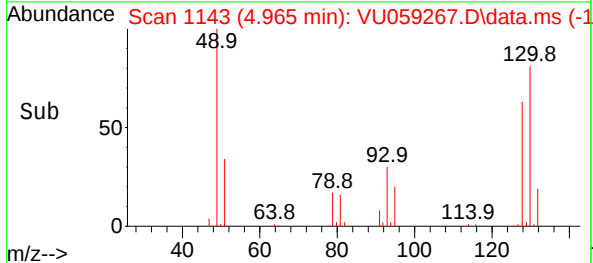
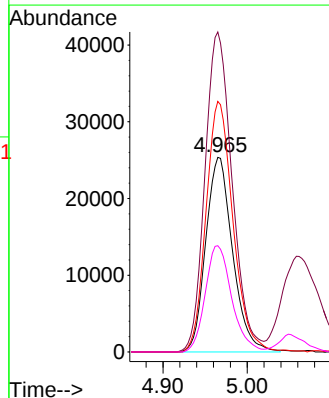
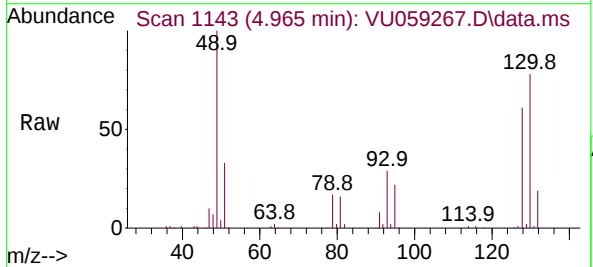
Instrument :
MSVOA_U
ClientSampleId :

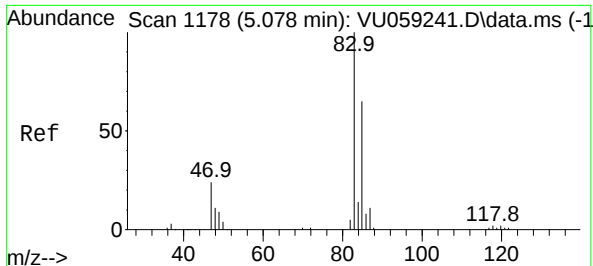
Tgt Ion: 43 Resp: 176550
Ion Ratio Lower Upper
43 100
72 29.2 14.2 42.8



#23
Bromochloromethane
Concen: 55.288 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VU059267.D
Acq: 14 Jun 2024 22:44

Tgt Ion:128 Resp: 56244
Ion Ratio Lower Upper
128 100
49 164.4 128.4 238.4
130 128.8 86.9 161.3
51 54.6 44.7 67.1





#25

Chloroform

Concen: 54.250 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU059267.D

Acq: 14 Jun 2024 22:44

Instrument :

MSVOA_U

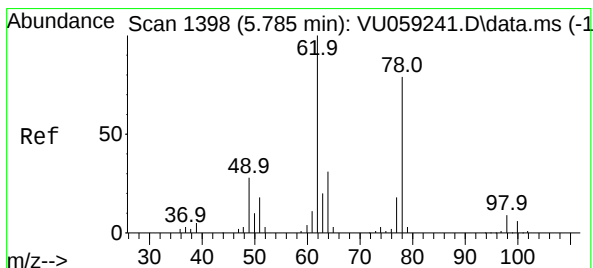
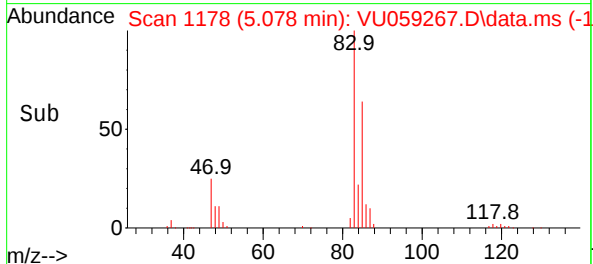
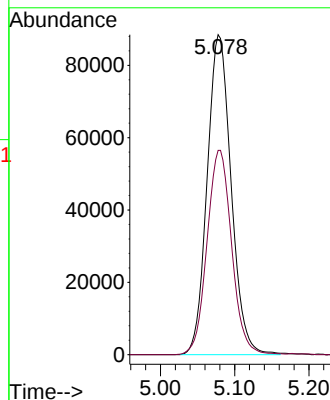
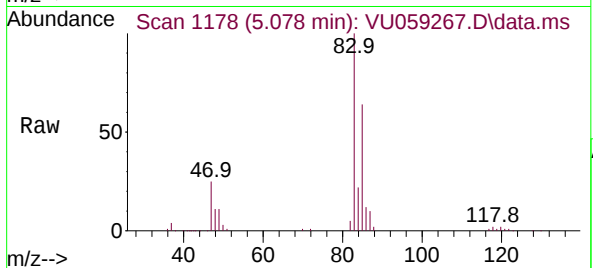
ClientSampleId :

Tgt Ion: 83 Resp: 198443

Ion Ratio Lower Upper

83 100

85 63.9 46.1 85.7



#27

1,2-Dichloroethane

Concen: 50.813 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VU059267.D

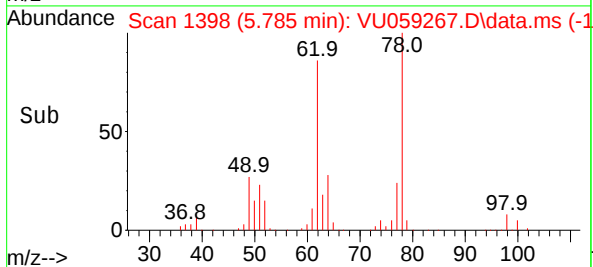
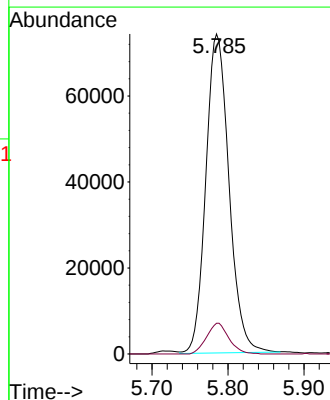
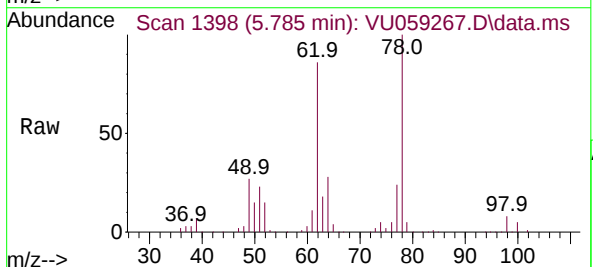
Acq: 14 Jun 2024 22:44

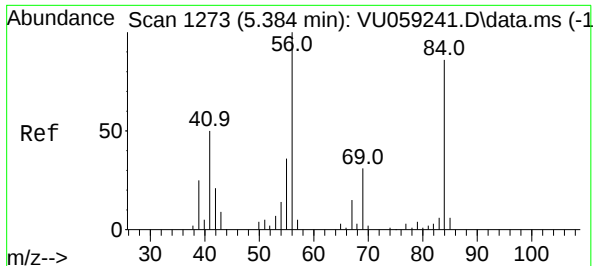
Tgt Ion: 62 Resp: 157018

Ion Ratio Lower Upper

62 100

98 9.6 6.9 10.3

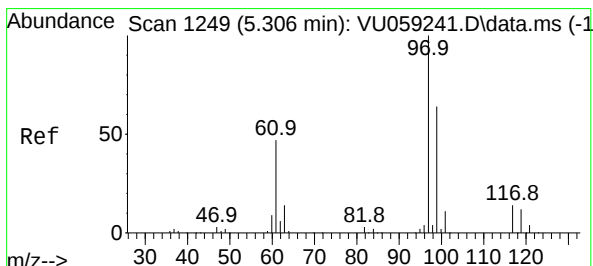
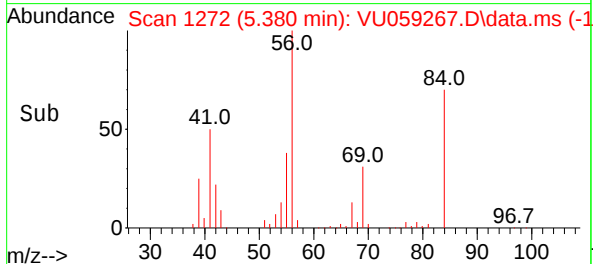
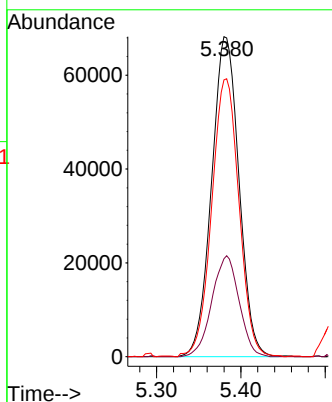
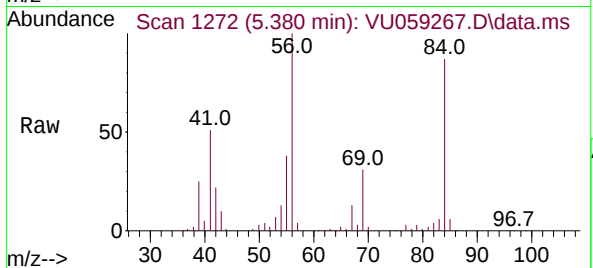




#29
Cyclohexane
Concen: 49.453 ug/L
RT: 5.380 min Scan# 1273
Delta R.T. -0.004 min
Lab File: VU059267.D
Acq: 14 Jun 2024 22:44

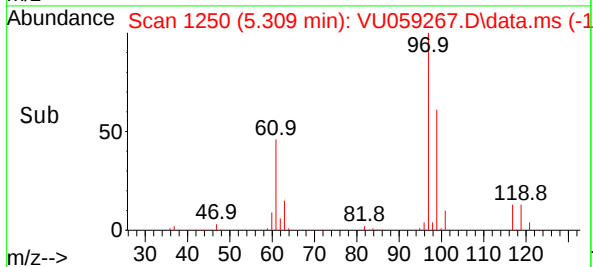
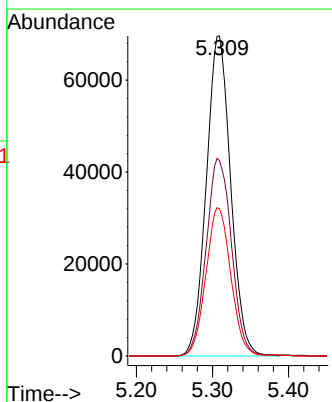
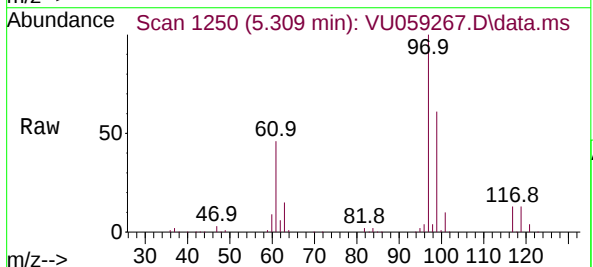
Instrument :
MSVOA_U
ClientSampleId :

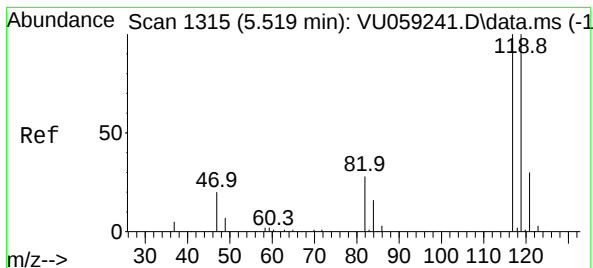
Tgt Ion:	56	Resp:	153652
Ion Ratio	Lower	Upper	
56	100		
69	31.3	24.6	37.0
84	86.3	67.4	101.0



#30
1,1,1-Trichloroethane
Concen: 51.314 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. 0.003 min
Lab File: VU059267.D
Acq: 14 Jun 2024 22:44

Tgt Ion:	97	Resp:	155272
Ion Ratio	Lower	Upper	
97	100		
99	64.1	51.6	77.4
61	47.2	39.1	58.7





#31

Carbon tetrachloride

Concen: 50.547 ug/L

RT: 5.518 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VU059267.D

Acq: 14 Jun 2024 22:44

Instrument :

MSVOA_U

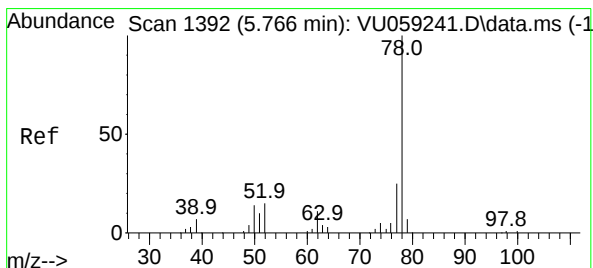
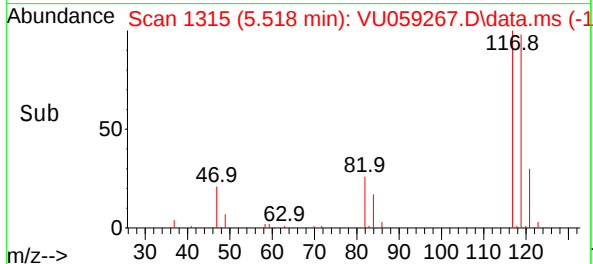
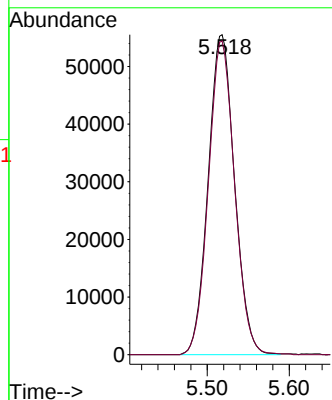
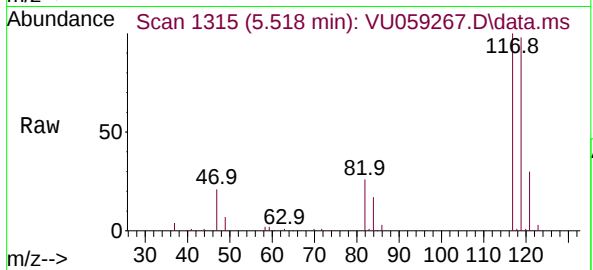
ClientSampleId :

Tgt Ion:117 Resp: 124237

Ion Ratio Lower Upper

117 100

119 97.1 76.9 115.3



#33

Benzene

Concen: 53.089 ug/L

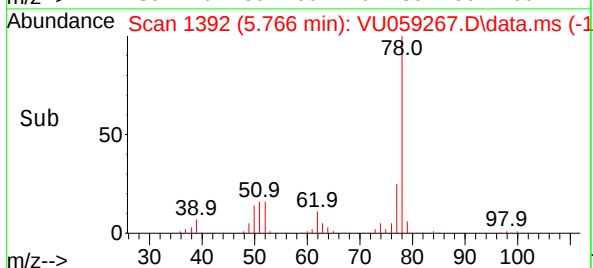
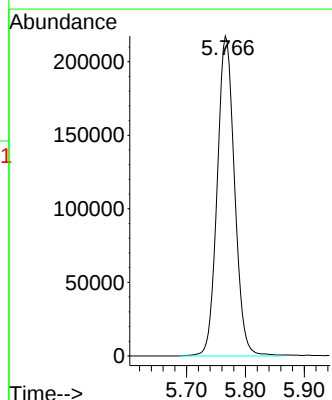
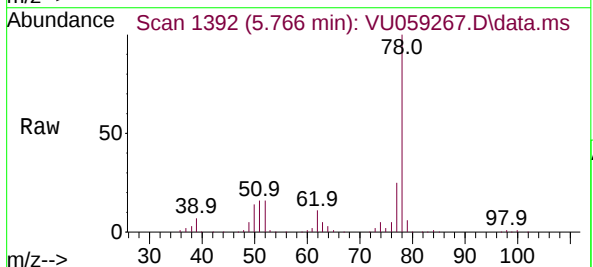
RT: 5.766 min Scan# 1392

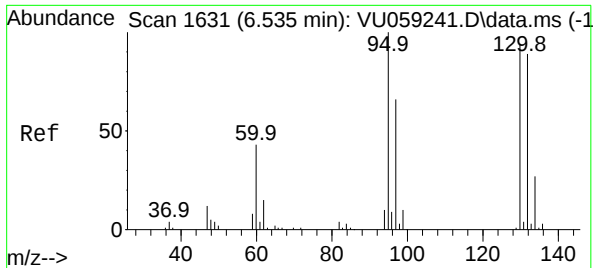
Delta R.T. -0.000 min

Lab File: VU059267.D

Acq: 14 Jun 2024 22:44

Tgt Ion: 78 Resp: 446142

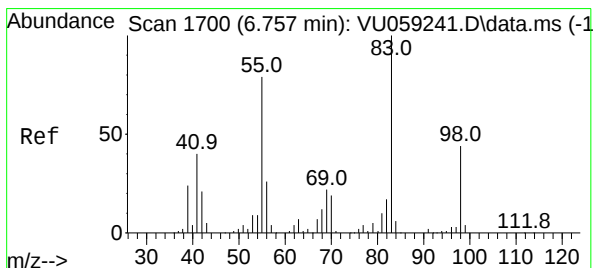
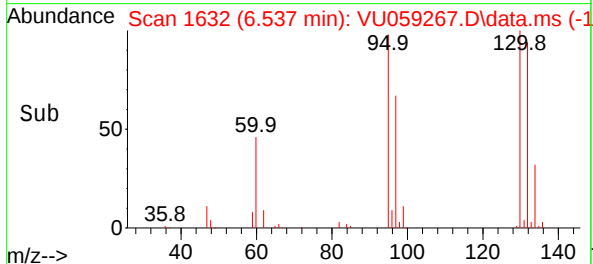
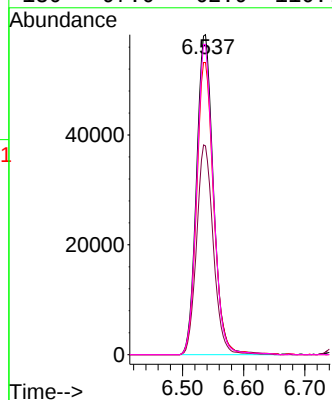
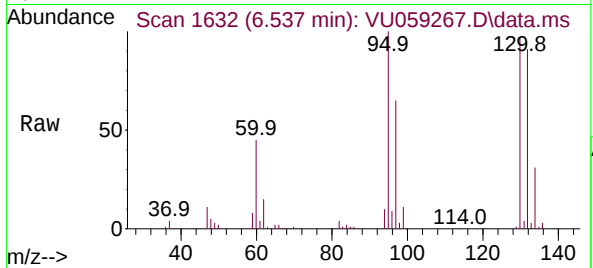




#34
Trichloroethene
Concen: 54.543 ug/L
RT: 6.537 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU059267.D
Acq: 14 Jun 2024 22:44

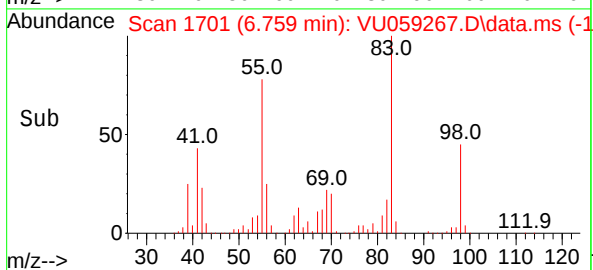
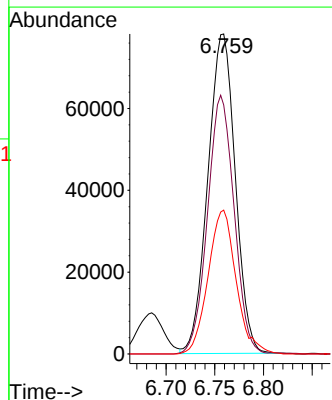
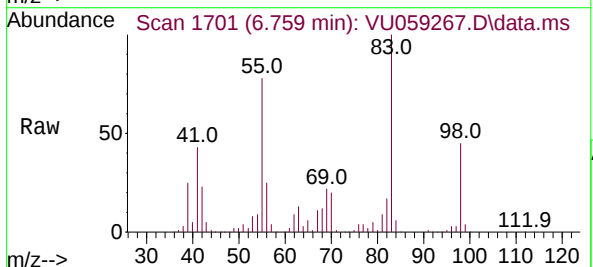
Instrument :
MSVOA_U
ClientSampleId :

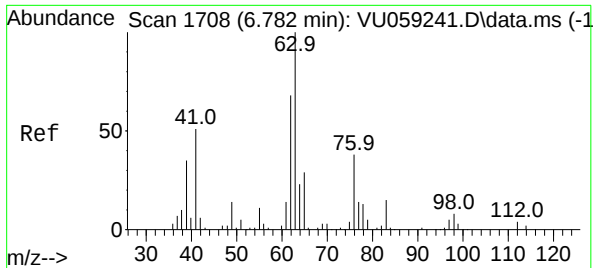
Tgt Ion: 95 Resp: 112233
Ion Ratio Lower Upper
95 100
97 65.2 45.2 84.0
132 91.3 60.6 112.6
130 97.0 62.9 116.7



#35
Methylcyclohexane
Concen: 50.599 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. 0.003 min
Lab File: VU059267.D
Acq: 14 Jun 2024 22:44

Tgt Ion: 83 Resp: 153085
Ion Ratio Lower Upper
83 100
55 78.4 63.9 95.9
98 45.9 34.7 52.1

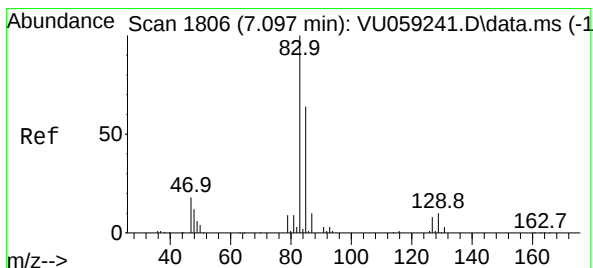
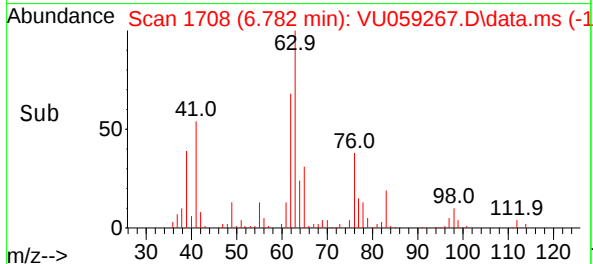
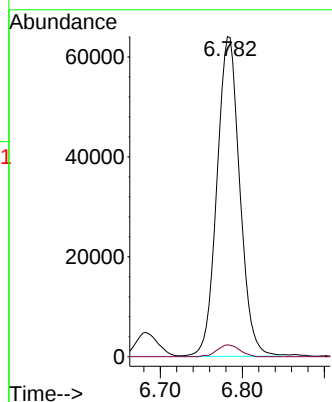
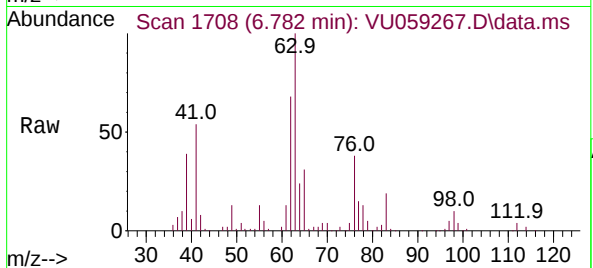




#37
1,2-Dichloropropane
Concen: 52.004 ug/L
RT: 6.782 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU059267.D
Acq: 14 Jun 2024 22:44

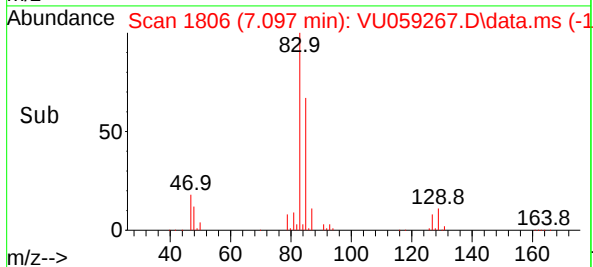
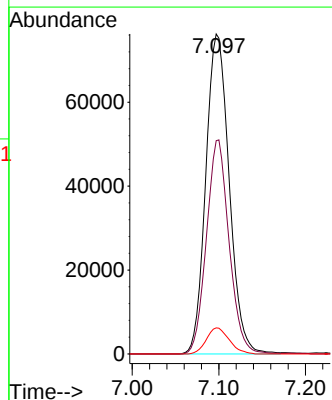
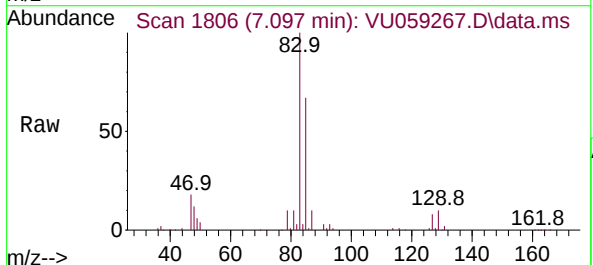
Instrument :
MSVOA_U
ClientSampleId :

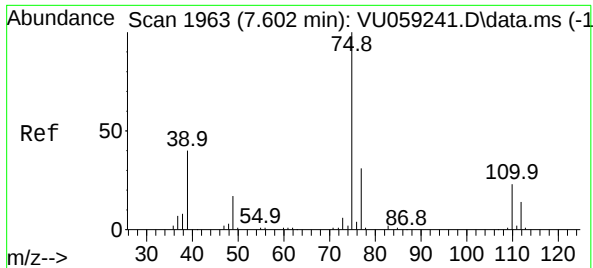
Tgt Ion: 63 Resp: 124097
Ion Ratio Lower Upper
63 100
112 3.7 2.6 4.0



#38
Bromodichloromethane
Concen: 51.557 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU059267.D
Acq: 14 Jun 2024 22:44

Tgt Ion: 83 Resp: 143311
Ion Ratio Lower Upper
83 100
85 66.7 44.0 81.6
127 8.2 7.0 10.6

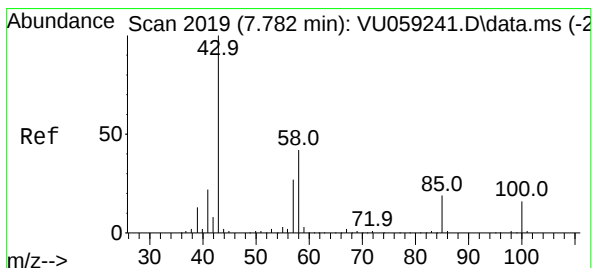
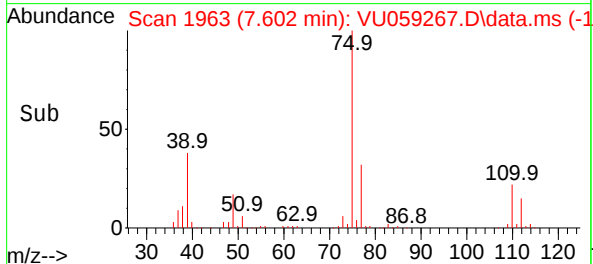
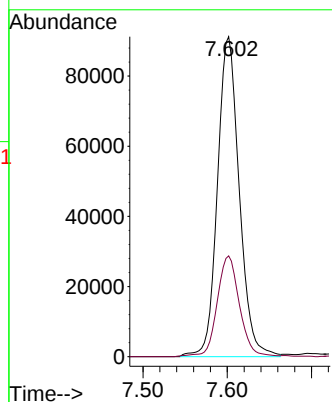
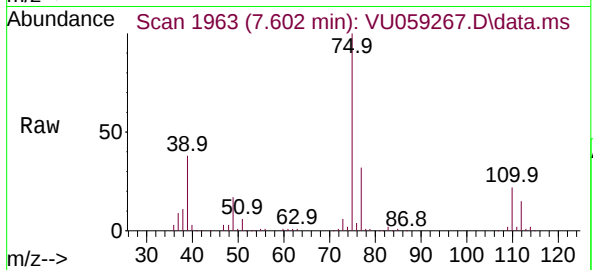




#39
 cis-1,3-Dichloropropene
 Concen: 49.586 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: VU059267.D
 Acq: 14 Jun 2024 22:44

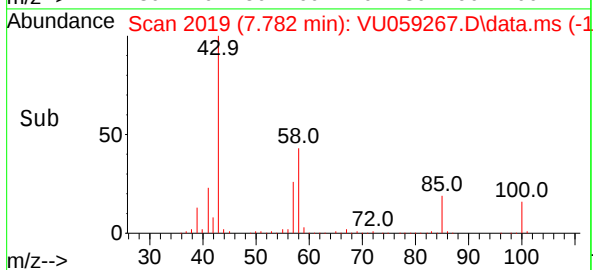
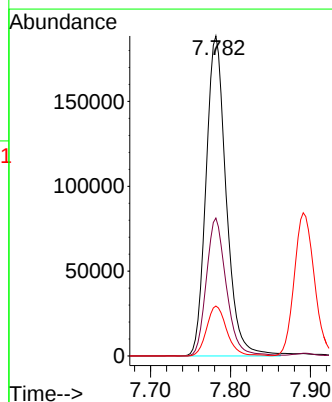
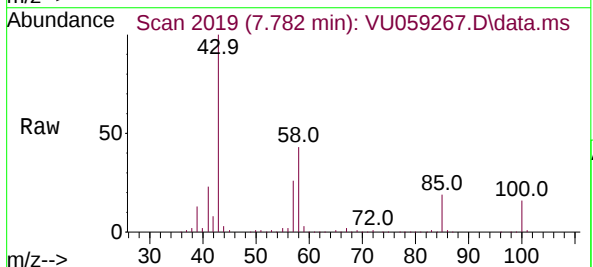
Instrument :
 MSVOA_U
 ClientSampleId :

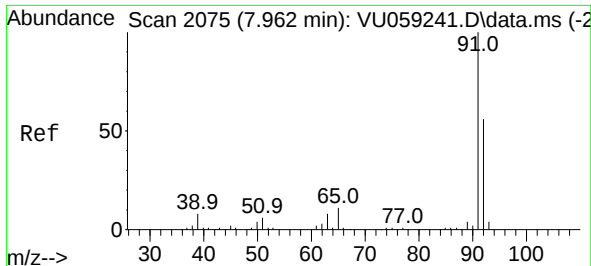
Tgt Ion: 75 Resp: 163716
 Ion Ratio Lower Upper
 75 100
 77 31.5 21.2 39.4



#40
 4-Methyl-2-pentanone
 Concen: 105.797 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VU059267.D
 Acq: 14 Jun 2024 22:44

Tgt Ion: 43 Resp: 330978
 Ion Ratio Lower Upper
 43 100
 58 42.8 33.7 50.5
 100 15.7 11.4 17.0





#42

Toluene

Concen: 55.444 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU059267.D

Acq: 14 Jun 2024 22:44

Instrument :

MSVOA_U

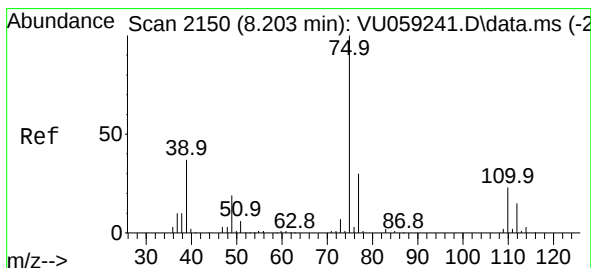
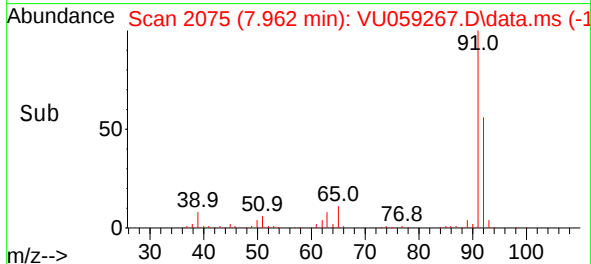
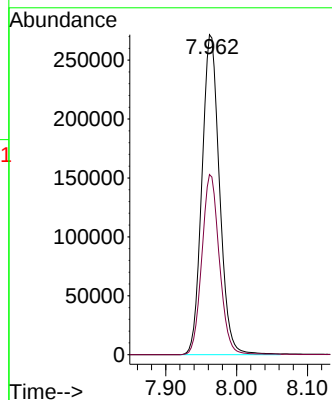
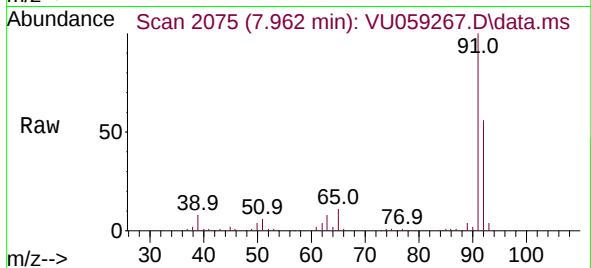
ClientSampleId :

Tgt Ion: 91 Resp: 467691

Ion Ratio Lower Upper

91 100

92 56.3 39.4 73.2



#44

trans-1,3-Dichloropropene

Concen: 50.505 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU059267.D

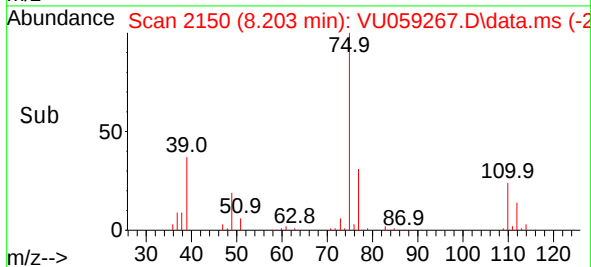
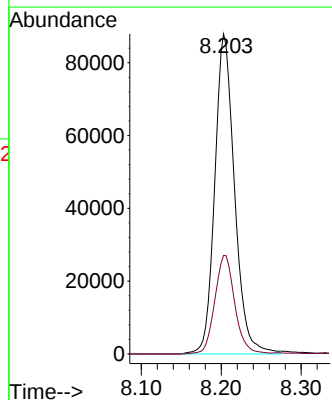
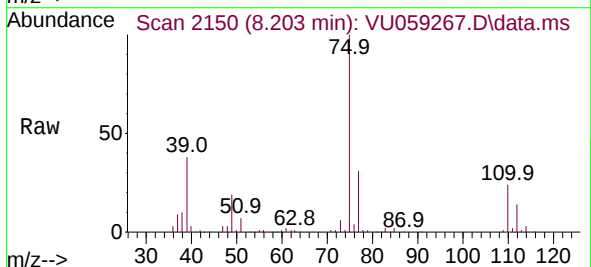
Acq: 14 Jun 2024 22:44

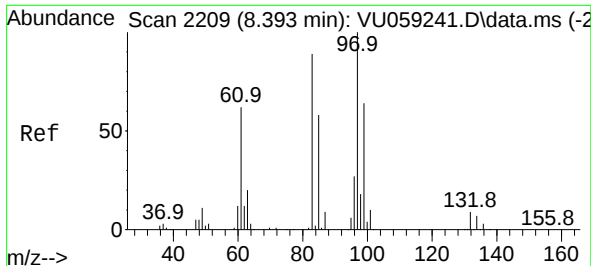
Tgt Ion: 75 Resp: 150963

Ion Ratio Lower Upper

75 100

77 30.8 22.0 40.8



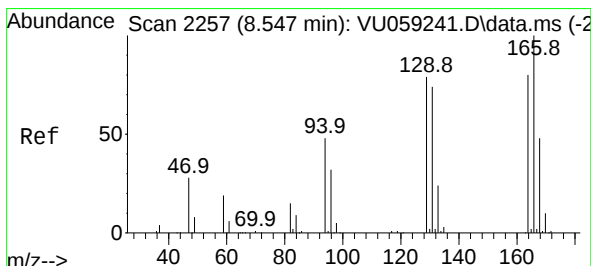
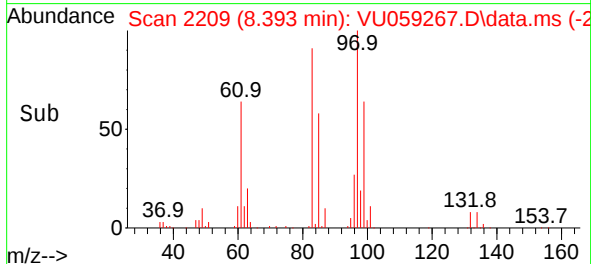
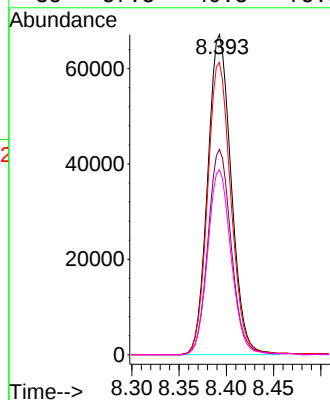
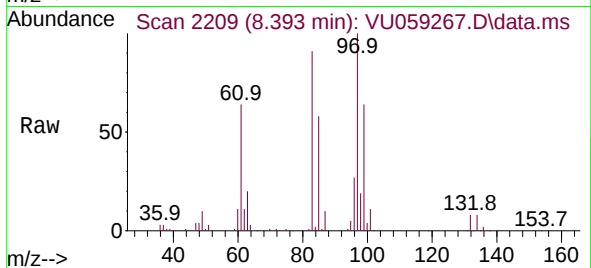


#45
1,1,2-Trichloroethane
Concen: 54.177 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU059267.D
Acq: 14 Jun 2024 22:44

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 116238

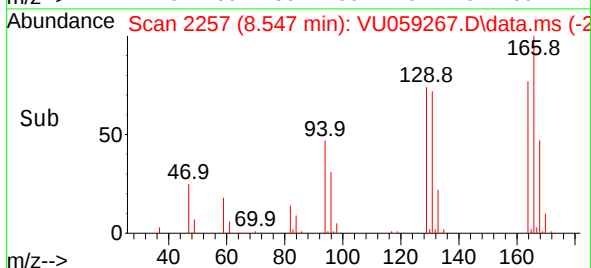
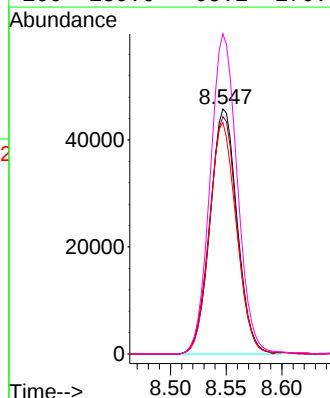
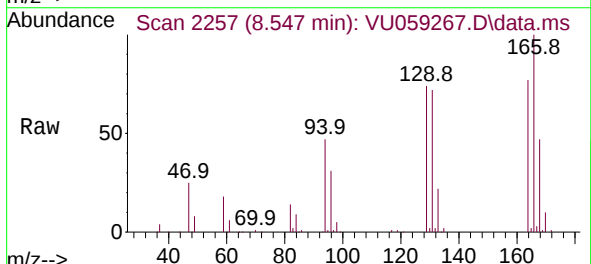
Ion	Ratio	Lower	Upper
97	100		
99	64.2	44.0	81.6
83	91.4	63.6	118.2
85	57.8	40.8	75.8

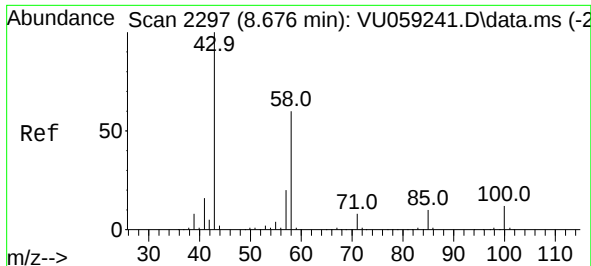


#46
Tetrachloroethene
Concen: 56.395 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU059267.D
Acq: 14 Jun 2024 22:44

Tgt Ion: 164 Resp: 77295

Ion	Ratio	Lower	Upper
164	100		
129	96.9	74.5	138.5
131	94.4	70.6	131.0
166	130.6	95.1	176.7





#48

2-Hexanone

Concen: 97.912 ug/L

RT: 8.676 min Scan# 21

Delta R.T. -0.000 min

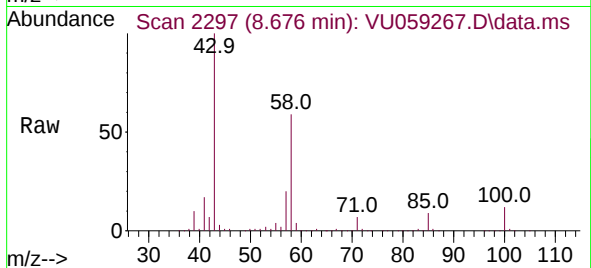
Lab File: VU059267.D

Acq: 14 Jun 2024 22:44

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 258341

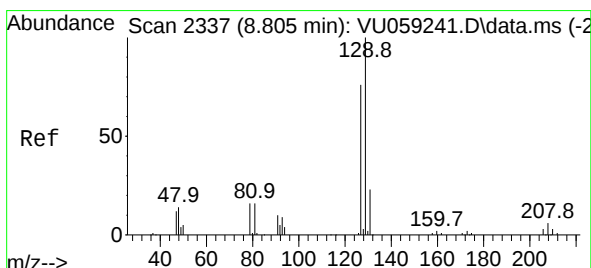
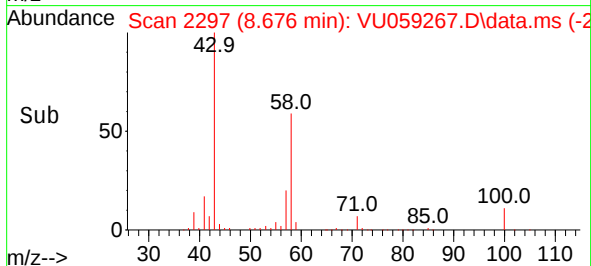
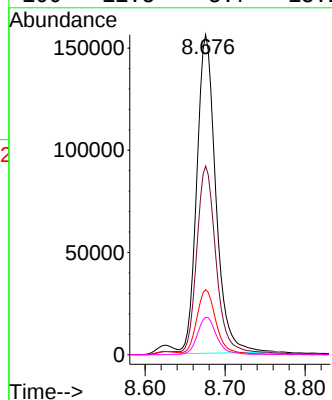
Ion Ratio Lower Upper

43 100

58 60.6 45.9 68.9

57 21.3 16.3 24.5

100 11.8 8.7 13.1



#49

Dibromochloromethane

Concen: 53.685 ug/L

RT: 8.801 min Scan# 2336

Delta R.T. -0.004 min

Lab File: VU059267.D

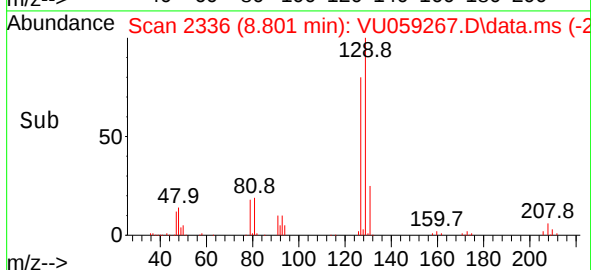
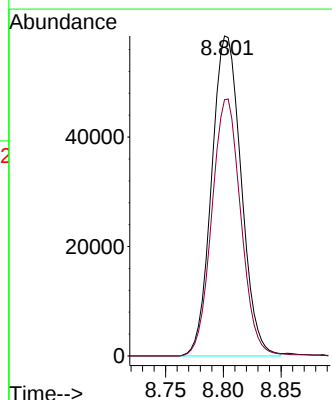
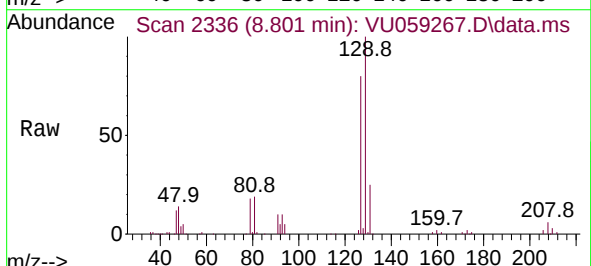
Acq: 14 Jun 2024 22:44

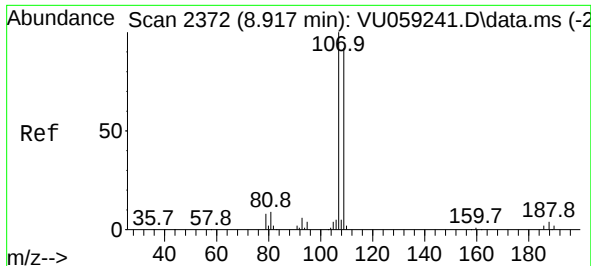
Tgt Ion: 129 Resp: 104095

Ion Ratio Lower Upper

129 100

127 80.1 53.3 98.9





#50

1,2-Dibromoethane

Concen: 53.476 ug/L

RT: 8.917 min Scan# 2372

Delta R.T. -0.000 min

Lab File: VU059267.D

Acq: 14 Jun 2024 22:44

Instrument :

MSVOA_U

ClientSampleId :

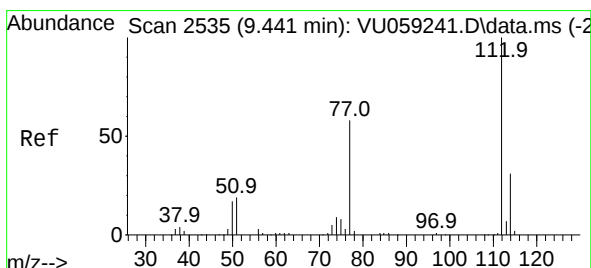
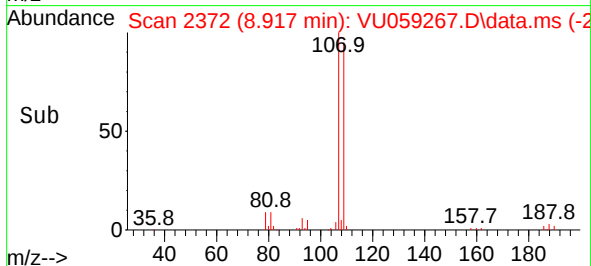
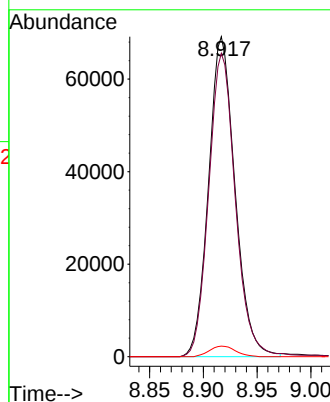
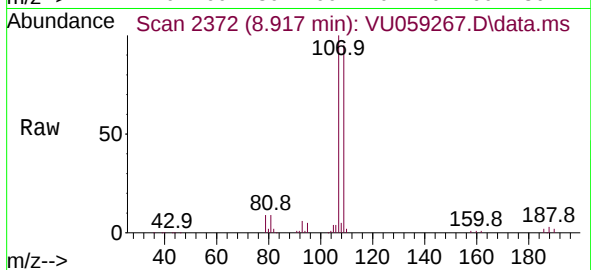
Tgt Ion:107 Resp: 118352

Ion Ratio Lower Upper

107 100

109 94.8 67.8 125.8

188 3.3 2.5 3.7



#51

Chlorobenzene

Concen: 55.456 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. -0.000 min

Lab File: VU059267.D

Acq: 14 Jun 2024 22:44

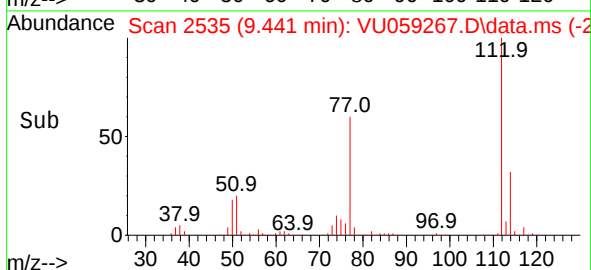
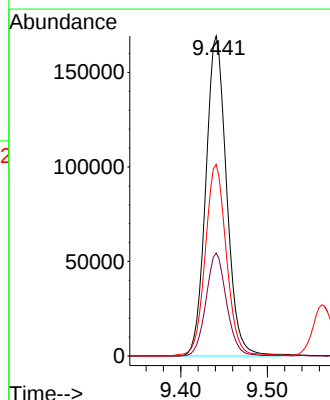
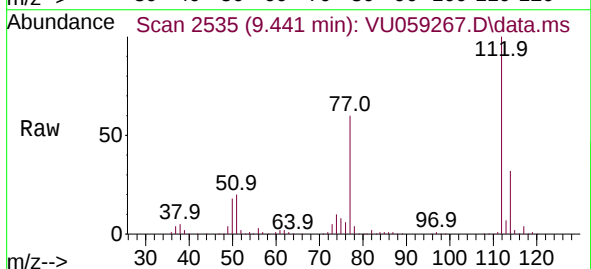
Tgt Ion:112 Resp: 282337

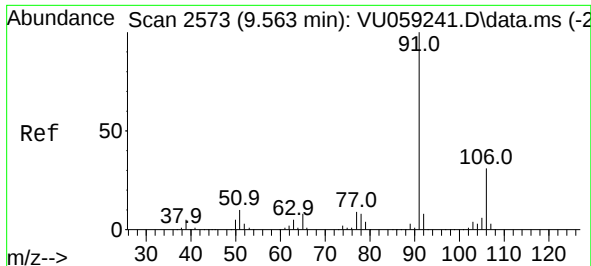
Ion Ratio Lower Upper

112 100

114 32.2 22.1 41.1

77 59.9 49.8 74.6





#52

Ethylbenzene

Concen: 55.066 ug/L

RT: 9.563 min Scan# 2573

Delta R.T. -0.000 min

Lab File: VU059267.D

Acq: 14 Jun 2024 22:44

Instrument :

MSVOA_U

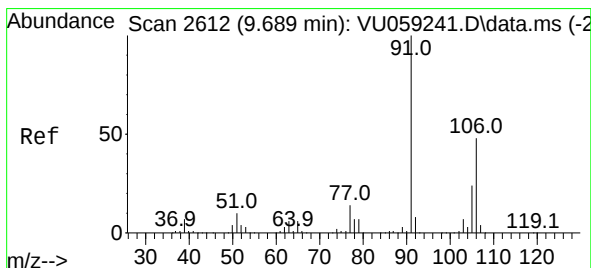
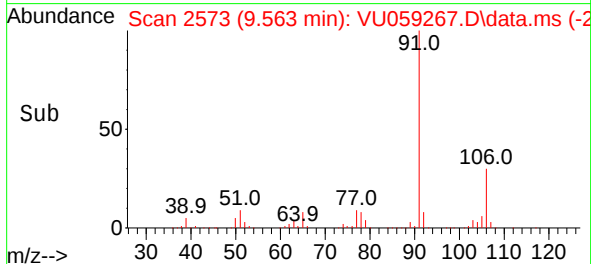
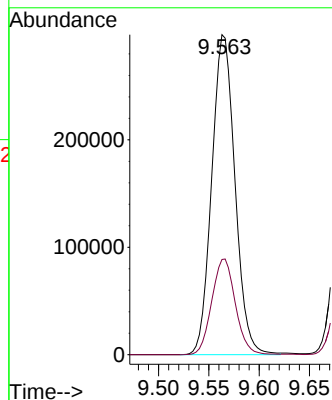
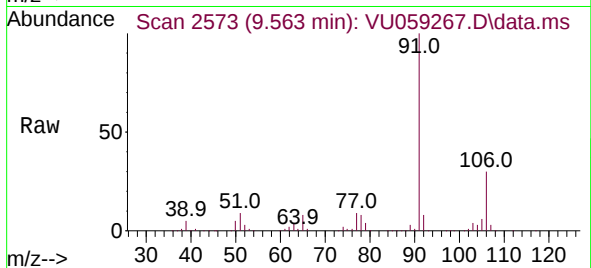
ClientSampleId :

Tgt Ion: 91 Resp: 478875

Ion Ratio Lower Upper

91 100

106 29.8 21.0 39.0



#53

m,p-Xylene

Concen: 57.175 ug/L

RT: 9.688 min Scan# 2612

Delta R.T. -0.000 min

Lab File: VU059267.D

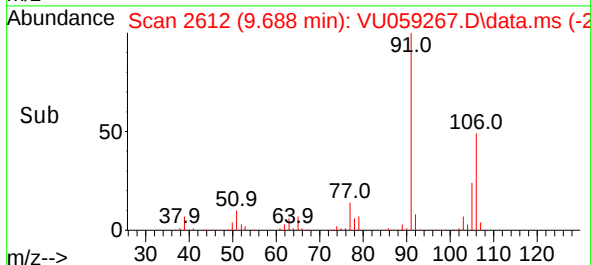
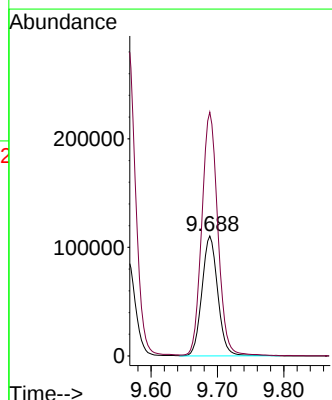
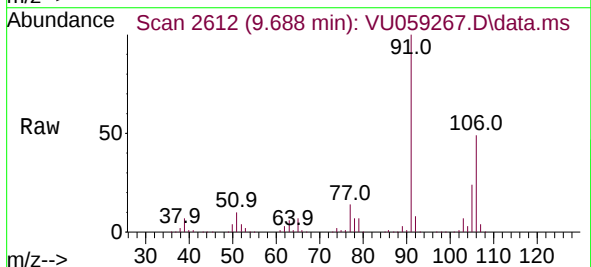
Acq: 14 Jun 2024 22:44

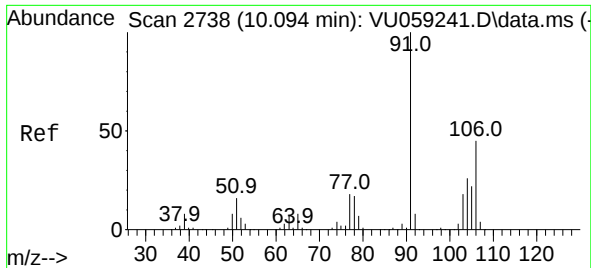
Tgt Ion:106 Resp: 182739

Ion Ratio Lower Upper

106 100

91 203.3 146.4 272.0

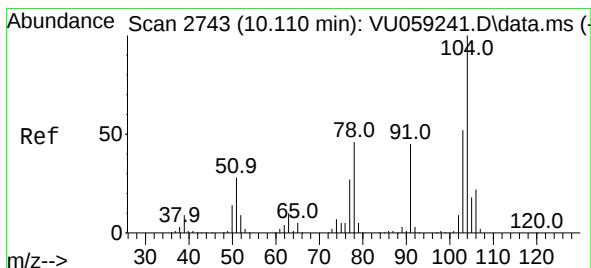
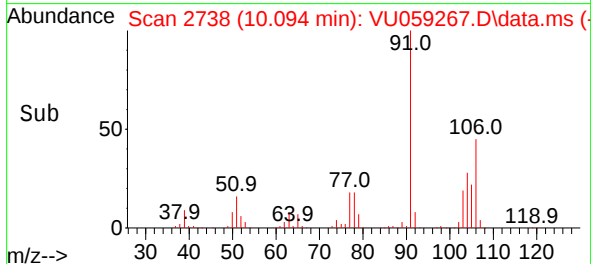
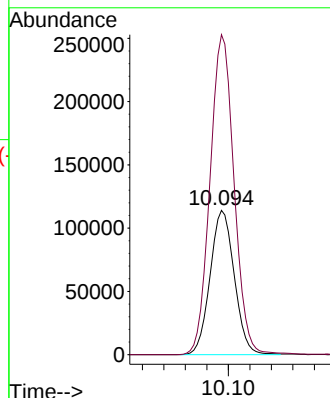
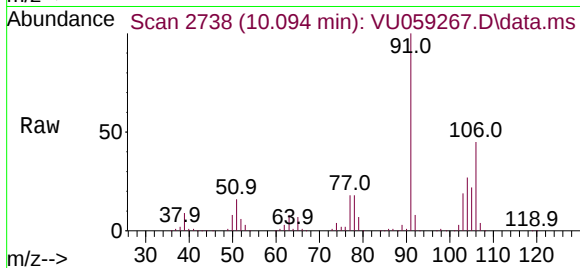




#54
o-Xylene
Concen: 57.507 ug/L
RT: 10.094 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU059267.D
Acq: 14 Jun 2024 22:44

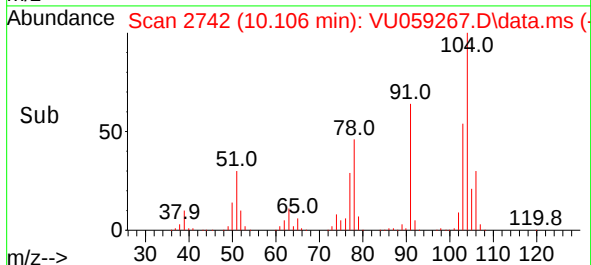
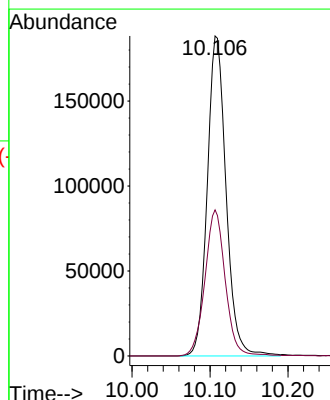
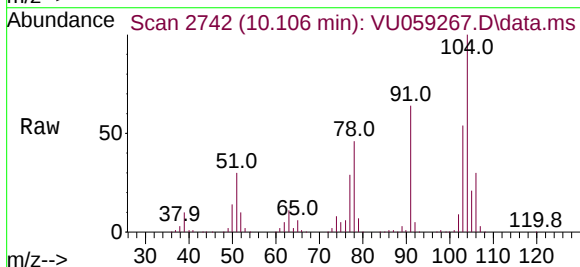
Instrument :
MSVOA_U
ClientSampleId :

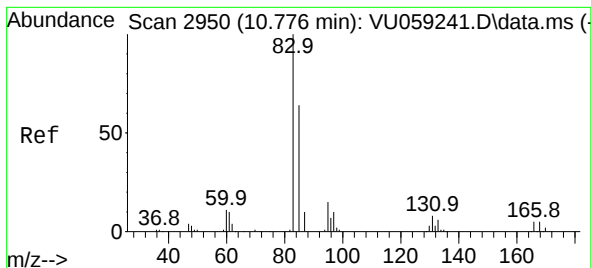
Tgt Ion:106 Resp: 178128
Ion Ratio Lower Upper
106 100
91 221.7 156.7 290.9



#55
Styrene
Concen: 59.885 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. -0.004 min
Lab File: VU059267.D
Acq: 14 Jun 2024 22:44

Tgt Ion:104 Resp: 315304
Ion Ratio Lower Upper
104 100
78 45.7 34.7 64.5





#57

1,1,2,2-Tetrachloroethane

Concen: 51.053 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU059267.D

Acq: 14 Jun 2024 22:44

Instrument :

MSVOA_U

ClientSampleId :

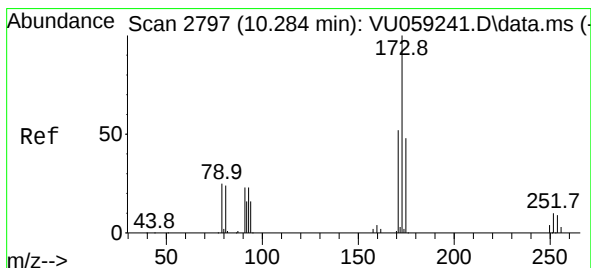
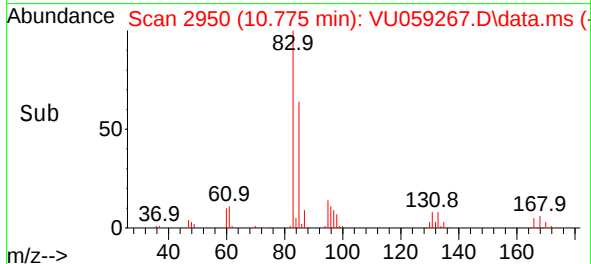
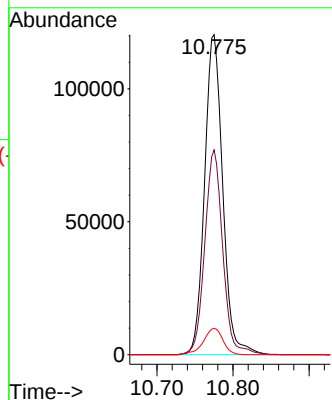
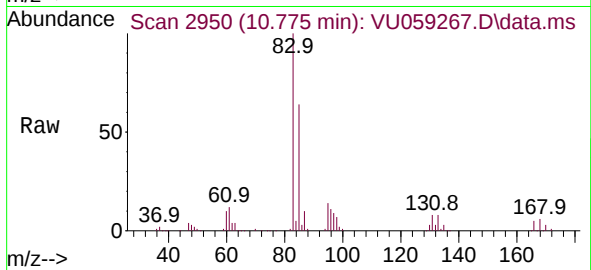
Tgt Ion: 83 Resp: 199536

Ion Ratio Lower Upper

83 100

85 64.0 46.1 85.7

131 8.3 7.0 10.4



#59

Bromoform

Concen: 51.094 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.000 min

Lab File: VU059267.D

Acq: 14 Jun 2024 22:44

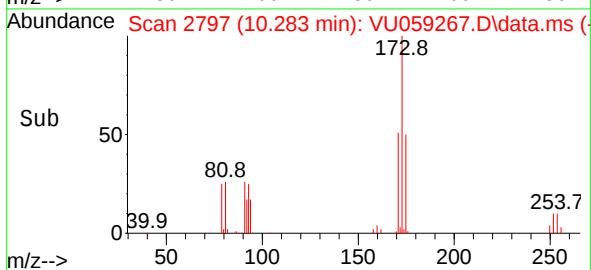
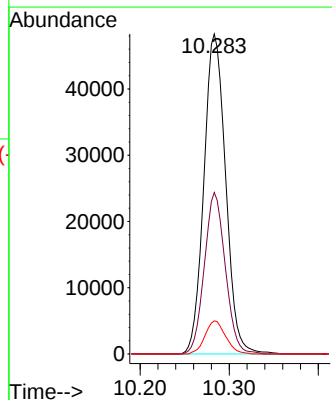
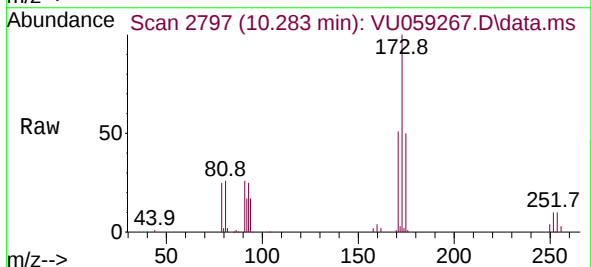
Tgt Ion:173 Resp: 81910

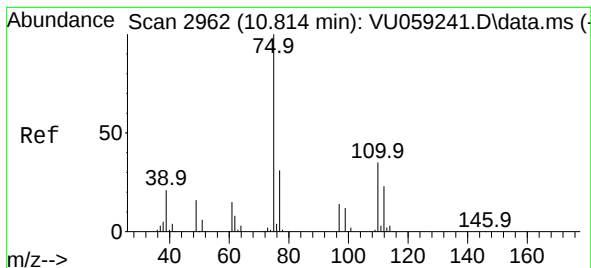
Ion Ratio Lower Upper

173 100

175 48.5 39.0 58.6

254 9.8 7.5 11.3





#60

1,2,3-Trichloropropane

Concen: 47.141 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. -0.000 min

Lab File: VU059267.D

Acq: 14 Jun 2024 22:44

Instrument :

MSVOA_U

ClientSampleId :

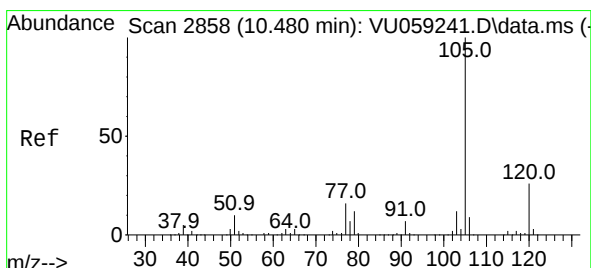
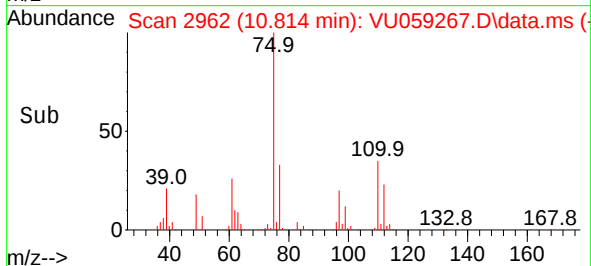
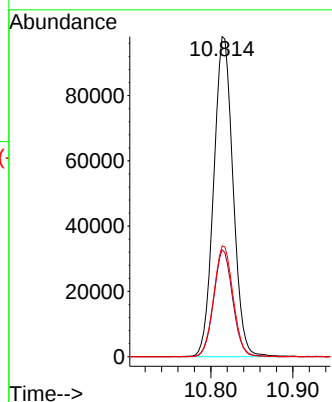
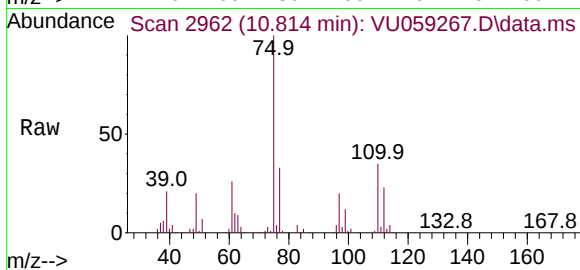
Tgt Ion: 75 Resp: 160287

Ion Ratio Lower Upper

75 100

77 32.7 26.2 39.2

110 34.7 28.4 42.6



#61

Isopropylbenzene

Concen: 54.151 ug/L

RT: 10.479 min Scan# 2858

Delta R.T. -0.000 min

Lab File: VU059267.D

Acq: 14 Jun 2024 22:44

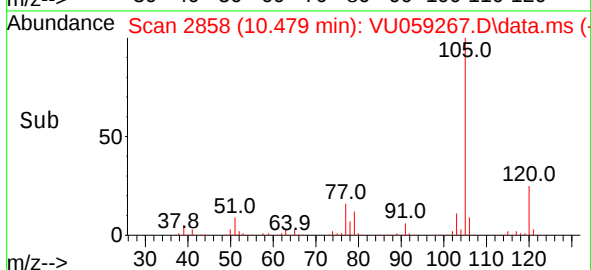
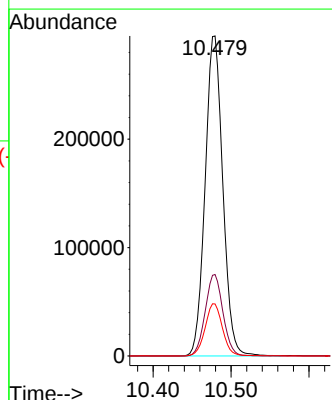
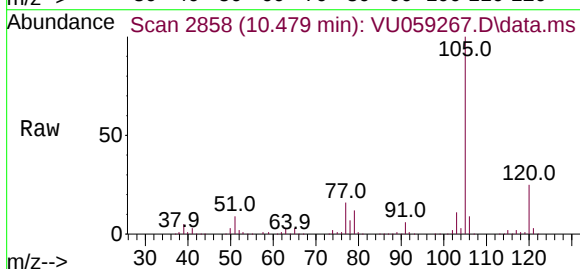
Tgt Ion:105 Resp: 465807

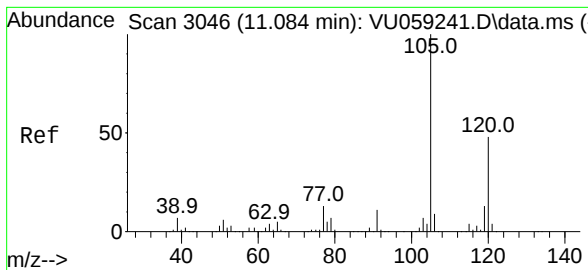
Ion Ratio Lower Upper

105 100

120 25.6 20.3 30.5

77 16.1 13.4 20.0

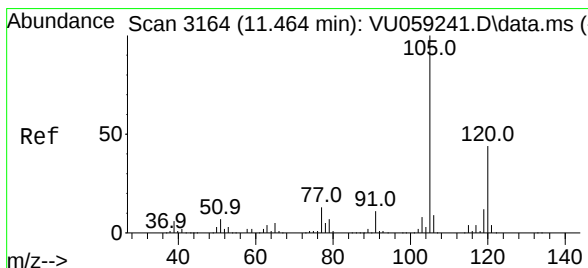
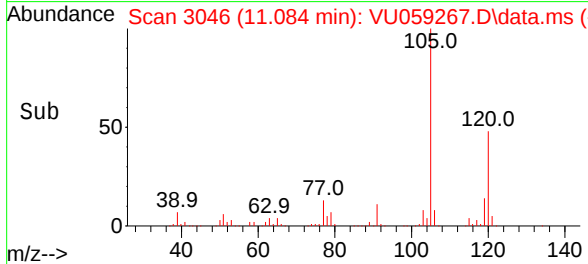
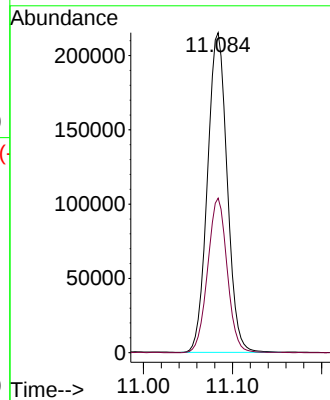
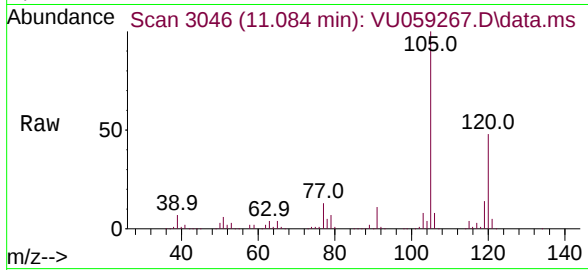




#62
1,3,5-Trimethylbenzene
Concen: 53.124 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU059267.D
Acq: 14 Jun 2024 22:44

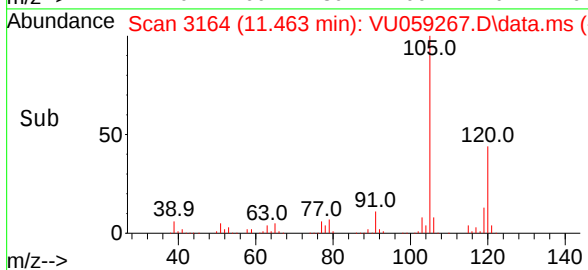
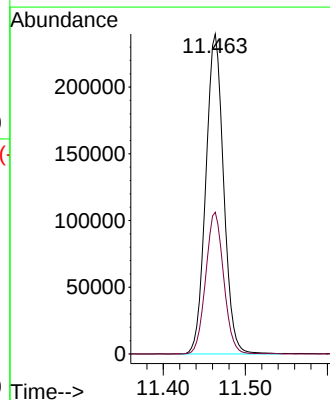
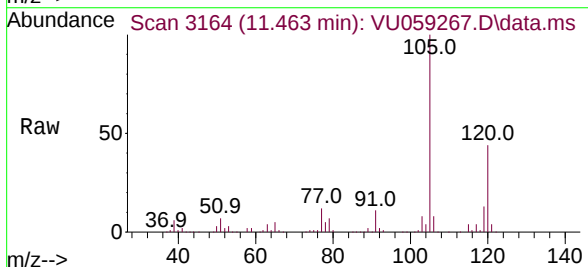
Instrument :
MSVOA_U
ClientSampleId :

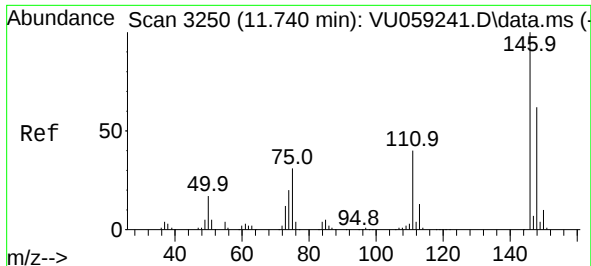
Tgt Ion:105 Resp: 331090
Ion Ratio Lower Upper
105 100
120 47.8 37.8 56.8



#63
1,2,4-Trimethylbenzene
Concen: 53.614 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. -0.000 min
Lab File: VU059267.D
Acq: 14 Jun 2024 22:44

Tgt Ion:105 Resp: 362228
Ion Ratio Lower Upper
105 100
120 44.7 35.0 52.6

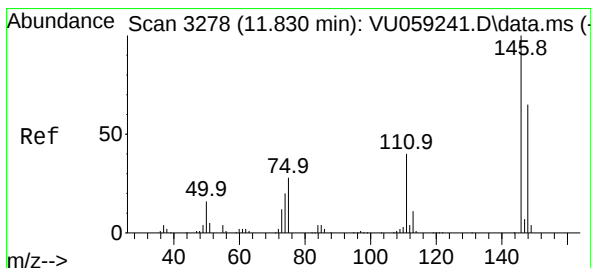
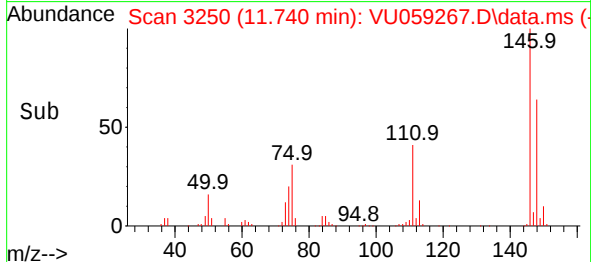
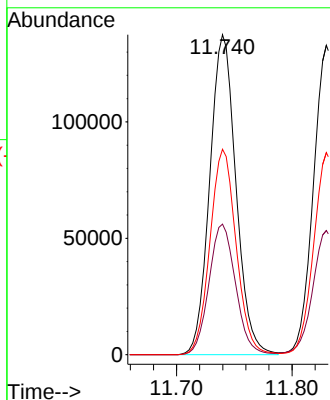
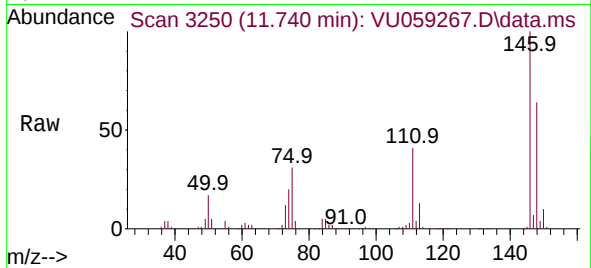




#64
1,3-Dichlorobenzene
Concen: 53.852 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. -0.000 min
Lab File: VU059267.D
Acq: 14 Jun 2024 22:44

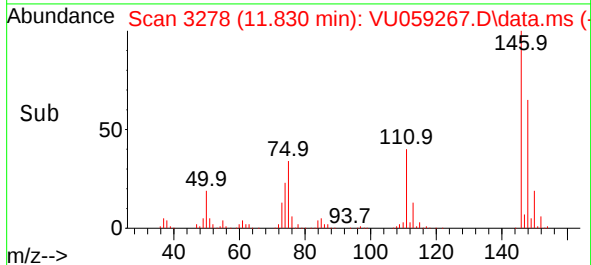
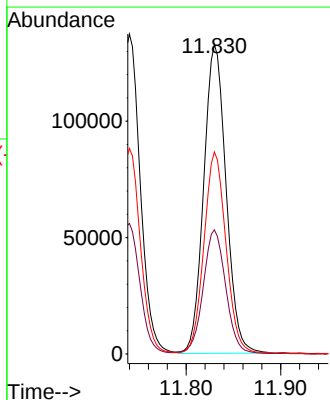
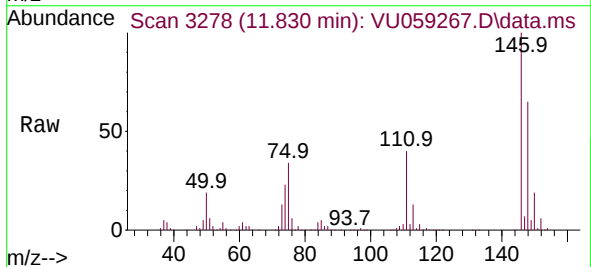
Instrument :
MSVOA_U
ClientSampleId :

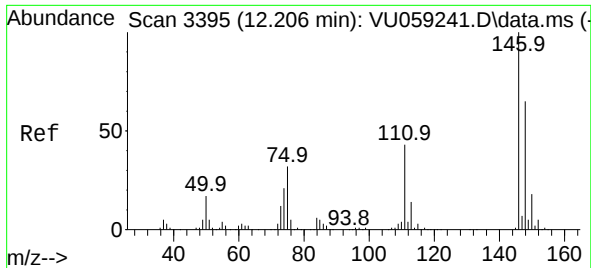
Tgt Ion:146 Resp: 216504
Ion Ratio Lower Upper
146 100
111 40.8 28.7 53.3
148 64.2 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 52.465 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU059267.D
Acq: 14 Jun 2024 22:44

Tgt Ion:146 Resp: 217835
Ion Ratio Lower Upper
146 100
111 40.1 27.9 51.9
148 65.3 45.7 84.9





#67

1,2-Dichlorobenzene

Concen: 50.967 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

Lab File: VU059267.D

Acq: 14 Jun 2024 22:44

Instrument :

MSVOA_U

ClientSampleId :

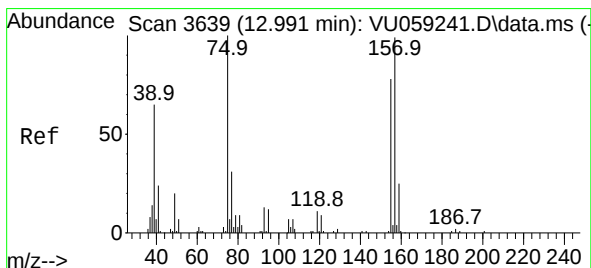
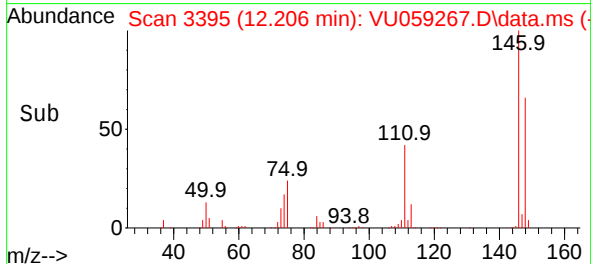
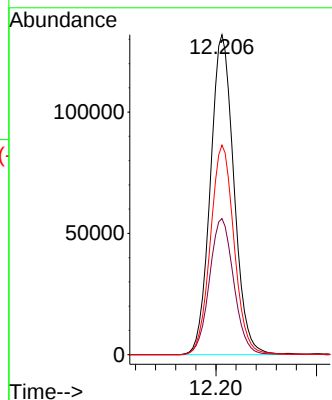
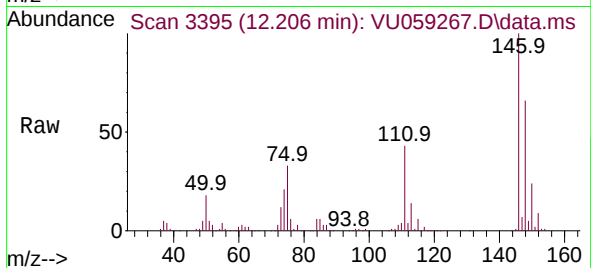
Tgt Ion:146 Resp: 214162

Ion Ratio Lower Upper

146 100

111 42.6 33.4 50.2

148 65.5 49.8 74.8



#68

1,2-Dibromo-3-chloropropane

Concen: 47.723 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU059267.D

Acq: 14 Jun 2024 22:44

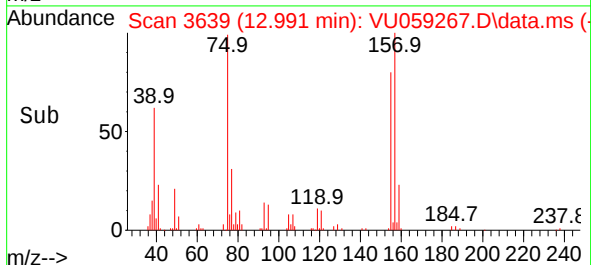
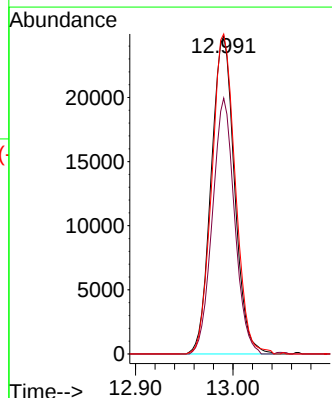
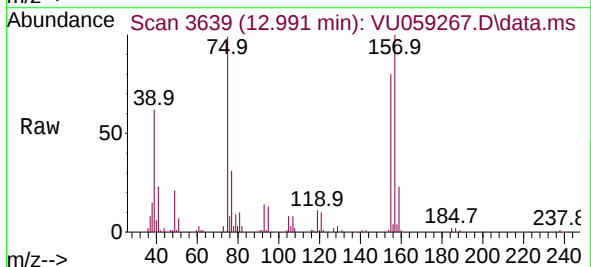
Tgt Ion: 75 Resp: 41136

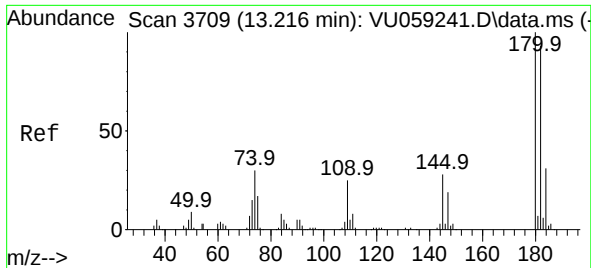
Ion Ratio Lower Upper

75 100

155 80.4 57.5 86.3

157 100.6 73.4 110.2





#69

1,3,5-Trichlorobenzene

Concen: 53.238 ug/L

RT: 13.212 min Scan# 3709

Delta R.T. -0.004 min

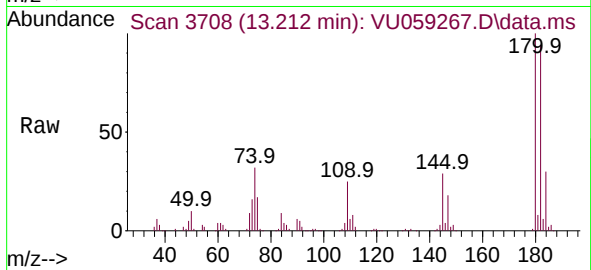
Lab File: VU059267.D

Acq: 14 Jun 2024 22:44

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 141355

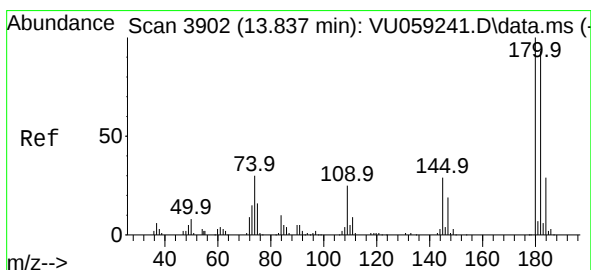
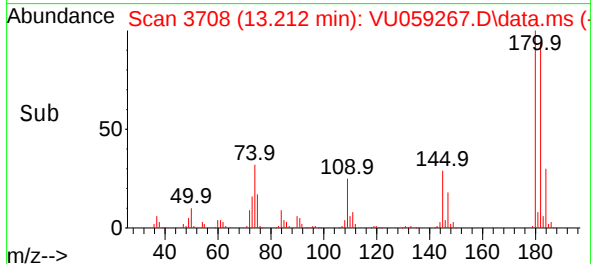
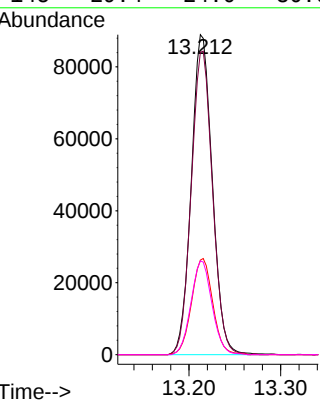
Ion Ratio Lower Upper

180 100

182 95.7 75.6 113.4

184 30.2 24.2 36.2

145 29.4 24.0 36.0



#70

1,2,4-trichlorobenzene

Concen: 56.178 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.004 min

Lab File: VU059267.D

Acq: 14 Jun 2024 22:44

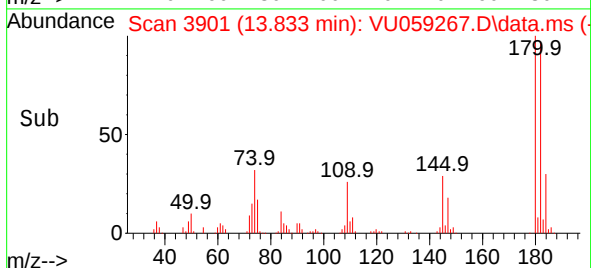
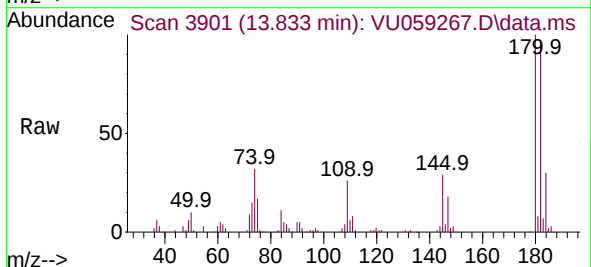
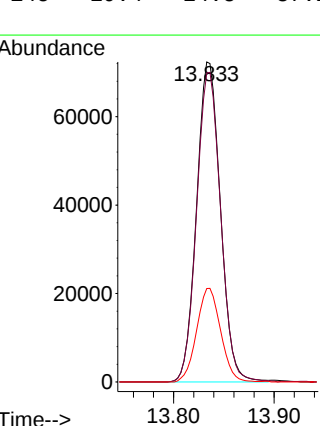
Tgt Ion:180 Resp: 119133

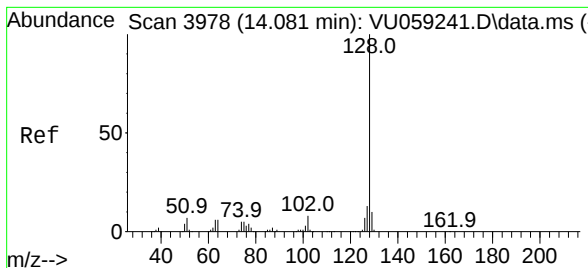
Ion Ratio Lower Upper

180 100

182 97.7 77.4 116.2

145 29.4 24.8 37.2





#71

Naphthalene

Concen: 57.841 ug/L

RT: 14.080 min Scan# 3978

Delta R.T. -0.000 min

Lab File: VU059267.D

Acq: 14 Jun 2024 22:44

Instrument :

MSVOA_U

ClientSampleId :

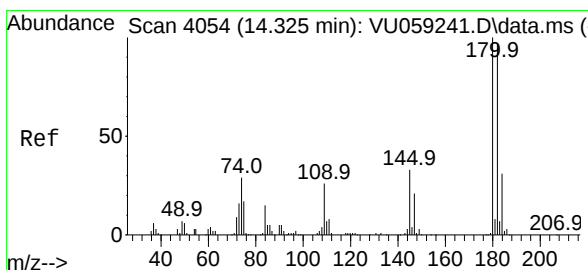
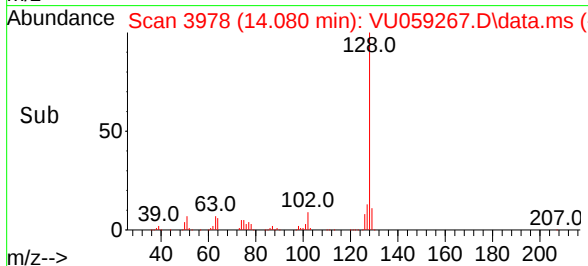
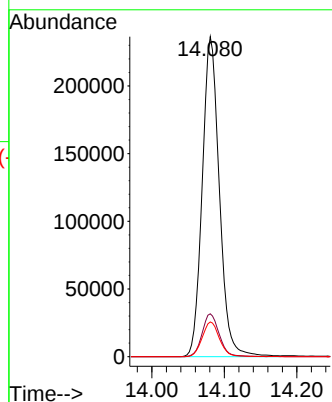
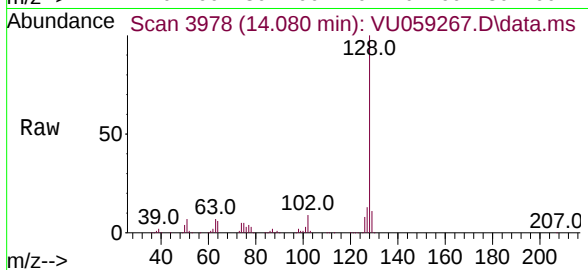
Tgt Ion:128 Resp: 388252

Ion Ratio Lower Upper

128 100

127 13.4 10.4 15.6

129 10.9 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 58.483 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. -0.004 min

Lab File: VU059267.D

Acq: 14 Jun 2024 22:44

Tgt Ion:180 Resp: 126088

Ion Ratio Lower Upper

180 100

182 96.4 76.2 114.4

145 32.0 26.4 39.6

