

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090424\
 Data File : VU060595.D
 Acq On : 04 Sep 2024 10:32
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 05 03:51:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 29 23:12:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	138618	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	147526	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	75624	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	42761	6.984	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	139.600%#
7) Chloroethane-d5	1.911	69	39645	4.274	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.400%
11) 1,1-Dichloroethene-d2	2.560	65	18749	5.196	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	104.000%
20) 2-Butanone-d5	4.634	46	106658	50.660	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.320%
24) Chloroform-d	5.058	84	96059	5.503	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.000%
26) 1,2-Dichloroethane-d4	5.695	65	47727	5.240	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.800%
32) Benzene-d6	5.721	84	179296	5.558	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.200%
36) 1,2-Dichloropropane-d6	6.685	67	57252	5.501	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.000%
41) Toluene-d8	7.891	98	166567	5.504	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.000%
43) trans-1,3-Dichloroprop...	8.174	79	19196	5.154	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.000%
46) 2-Hexanone-d5	8.631	63	80846	45.336	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.680%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	45148	4.875	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	55785	5.003	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	78392	4.984	ug/L	99
3) Chloromethane	1.518	50	84359	6.189	ug/L	100
5) Vinyl chloride	1.602	62	82958	6.182	ug/L	98
6) Bromomethane	1.856	94	52101	3.858	ug/L	99
8) Chloroethane	1.933	64	48295	3.944	ug/L	97
9) Trichlorofluoromethane	2.136	101	112508	3.856	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	60535	4.904	ug/L	95
12) 1,1-Dichloroethene	2.576	96	53638	4.721	ug/L	94
13) Acetone	2.650	43	90064	51.123	ug/L	97
14) Carbon disulfide	2.788	76	179783	4.877	ug/L	100
15) Methyl Acetate	2.956	43	22173	6.155	ug/L	94
16) Methylene chloride	3.039	84	63951	5.795	ug/L	88
17) Methyl tert-butyl Ether	3.358	73	119040	5.163	ug/L	97
18) trans-1,2-Dichloroethene	3.348	96	57180	5.781	ug/L	98
19) 1,1-Dichloroethane	3.862	63	113623	5.669	ug/L	94
21) 2-Butanone	4.714	43	140331	58.247	ug/L	100
22) cis-1,2-Dichloroethene	4.660	96	60129	5.456	ug/L	99
23) Bromochloromethane	4.968	128	28234	5.637	ug/L	92
25) Chloroform	5.081	83	115391	5.440	ug/L	99

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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 05 03:51:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

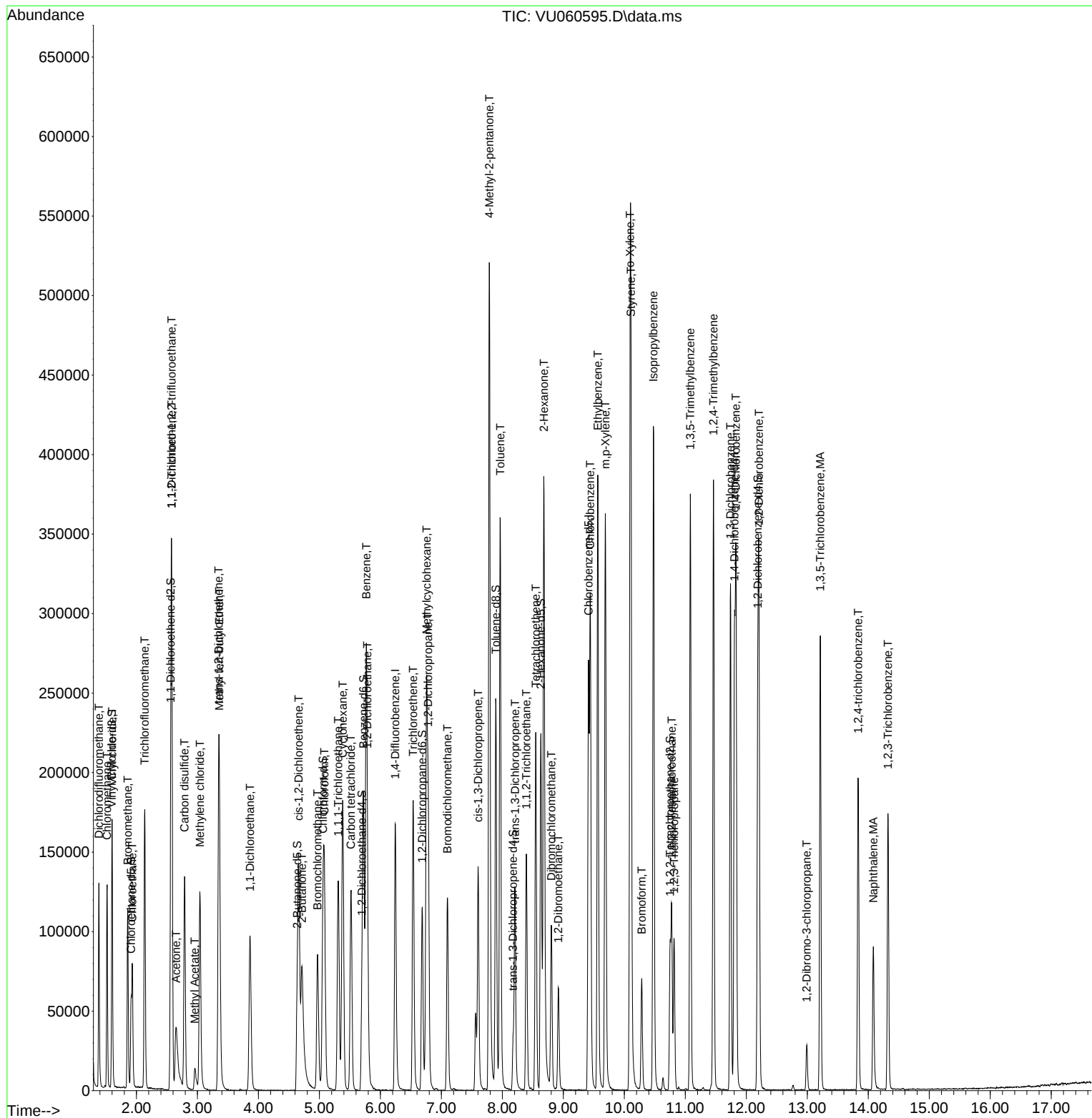
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	71038	4.990	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	99670	4.933	ug/L	99
30) Cyclohexane	5.383	56	84603	5.058	ug/L	98
31) Carbon tetrachloride	5.515	117	89954	4.817	ug/L	99
33) Benzene	5.769	78	245353	5.244	ug/L	100
34) Trichloroethene	6.538	95	65601	5.172	ug/L	95
35) Methylcyclohexane	6.756	83	90296	5.189	ug/L	99
37) 1,2-Dichloropropane	6.782	63	68267	5.694	ug/L	99
38) Bromodichloromethane	7.100	83	82510	5.237	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	90139	5.128	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	346350	55.468	ug/L	99
42) Toluene	7.965	91	273694	5.535	ug/L	97
44) trans-1,3-Dichloropropene	8.206	75	77000	5.336	ug/L	96
45) 1,1,2-Trichloroethane	8.393	97	47065	5.419	ug/L	98
47) Tetrachloroethene	8.547	164	49694	4.780	ug/L	96
48) 2-Hexanone	8.679	43	257363	55.074	ug/L	99
49) Dibromochloromethane	8.801	129	53344	5.305	ug/L	98
50) 1,2-Dibromoethane	8.917	107	45342	5.687	ug/L #	94
51) Chlorobenzene	9.441	112	165855	5.182	ug/L	99
52) Ethylbenzene	9.563	91	267998	5.115	ug/L	98
53) m,p-Xylene	9.689	106	107022	5.494	ug/L	96
54) o-Xylene	10.094	106	101141	5.072	ug/L	98
55) Styrene	10.110	104	177055	5.418	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	58600	5.285	ug/L #	98
59) Bromoform	10.283	173	32103	5.165	ug/L	98
60) Isopropylbenzene	10.476	105	266475	5.274	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	41439	5.681	ug/L	94
62) 1,3,5-Trimethylbenzene	11.081	105	198848	5.281	ug/L	96
63) 1,2,4-Trimethylbenzene	11.460	105	207153	5.393	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	131868	5.333	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	130660	5.208	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	118507	5.109	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	8381	5.090	ug/L	90
69) 1,3,5-Trichlorobenzene	13.212	180	90169	4.729	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	63722	4.143	ug/L	100
71) Naphthalene	14.084	128	79712	4.056	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	56702	4.405	ug/L	99

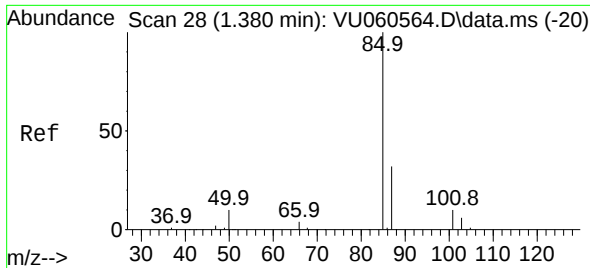
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Instrument :
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ClientSampleId :

Quant Time: Sep 05 03:51:50 2024
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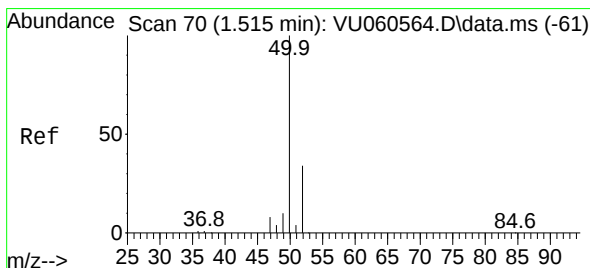
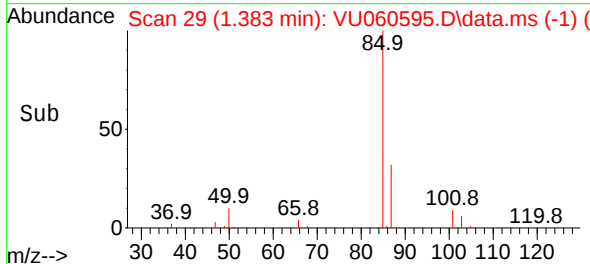
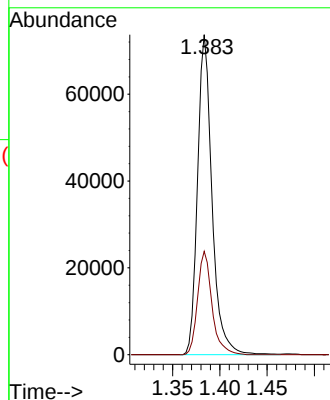
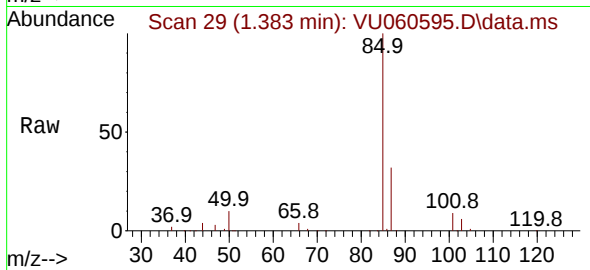




#2
 Dichlorodifluoromethane
 Concen: 4.984 ug/L
 RT: 1.383 min Scan# 20
 Delta R.T. 0.003 min
 Lab File: VU060595.D
 Acq: 04 Sep 2024 10:32

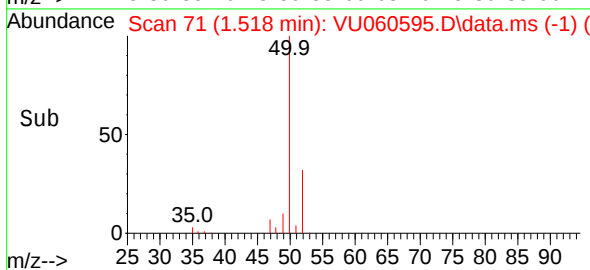
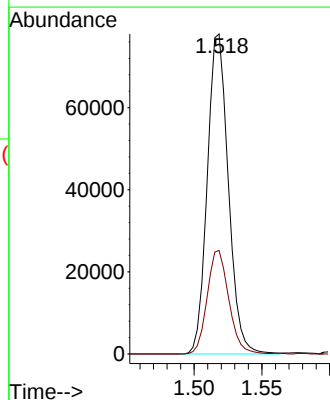
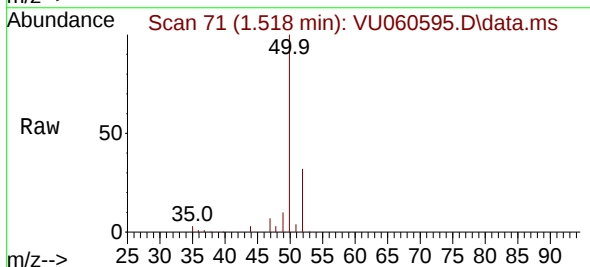
Instrument :
 MSVOA_V
 ClientSampleId :

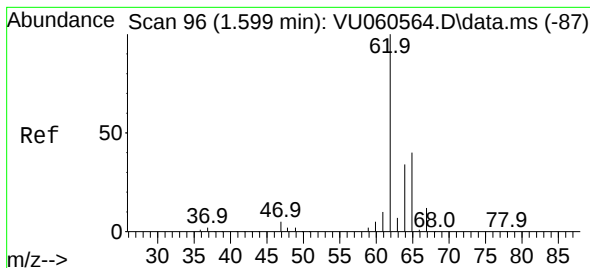
Tgt Ion: 85 Resp: 78392
 Ion Ratio Lower Upper
 85 100
 87 32.0 26.2 39.4



#3
 Chloromethane
 Concen: 6.189 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VU060595.D
 Acq: 04 Sep 2024 10:32

Tgt Ion: 50 Resp: 84359
 Ion Ratio Lower Upper
 50 100
 52 32.3 22.7 42.1





#5

Vinyl chloride

Concen: 6.182 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.003 min

Lab File: VU060595.D

Acq: 04 Sep 2024 10:32

Instrument :

MSVOA_V

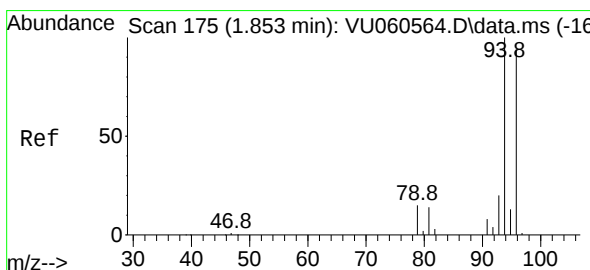
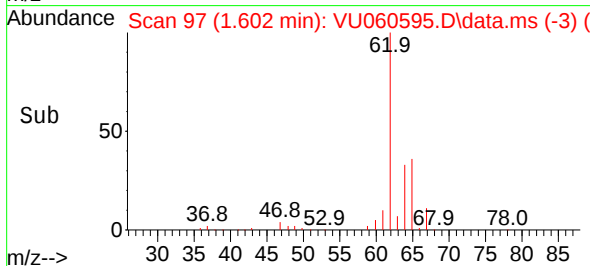
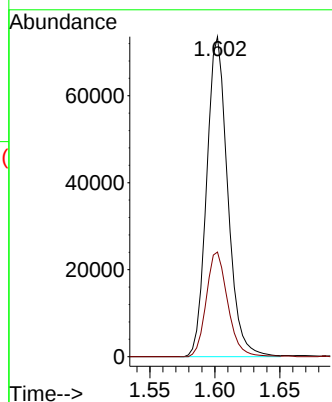
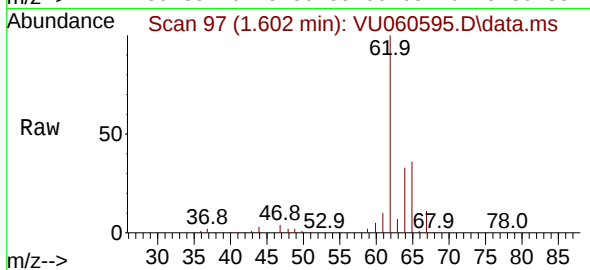
ClientSampleId :

Tgt Ion: 62 Resp: 82958

Ion Ratio Lower Upper

62 100

64 32.7 22.0 40.8



#6

Bromomethane

Concen: 3.858 ug/L

RT: 1.856 min Scan# 176

Delta R.T. 0.003 min

Lab File: VU060595.D

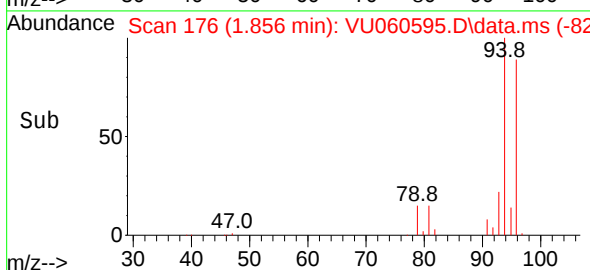
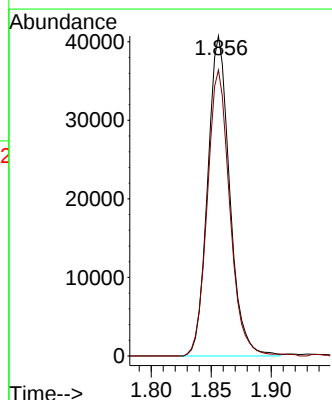
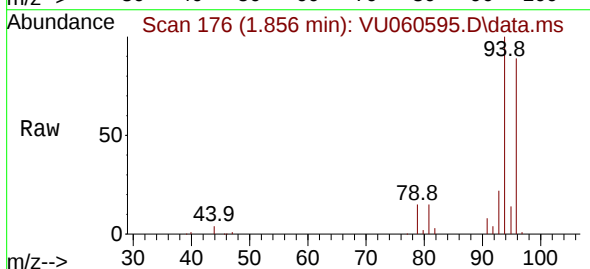
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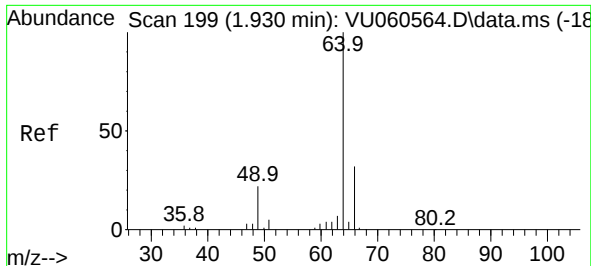
Tgt Ion: 94 Resp: 52101

Ion Ratio Lower Upper

94 100

96 89.3 63.3 117.5

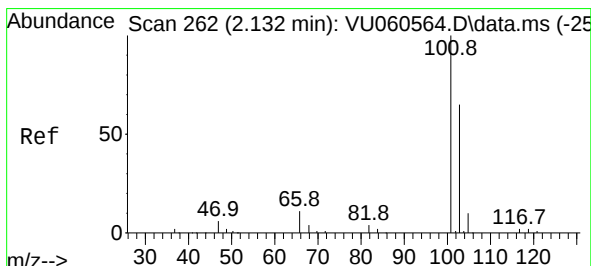
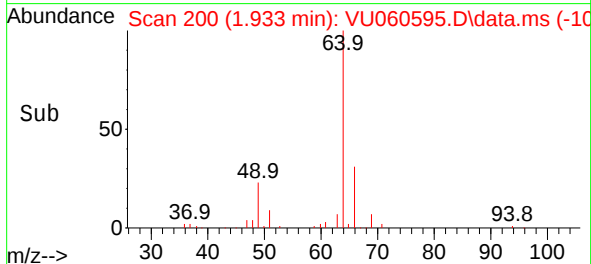
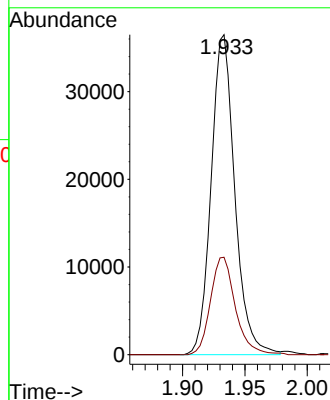
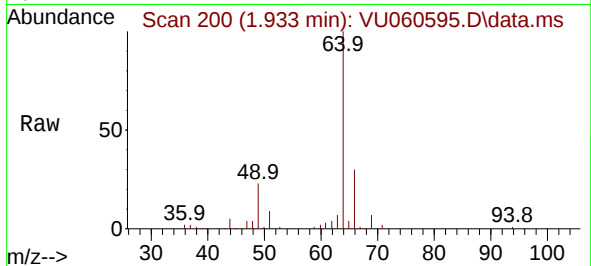




#8
Chloroethane
Concen: 3.944 ug/L
RT: 1.933 min Scan# 20
Delta R.T. 0.003 min
Lab File: VU060595.D
Acq: 04 Sep 2024 10:32

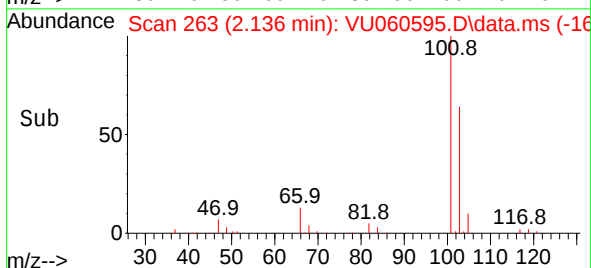
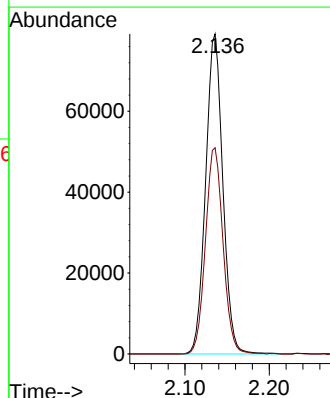
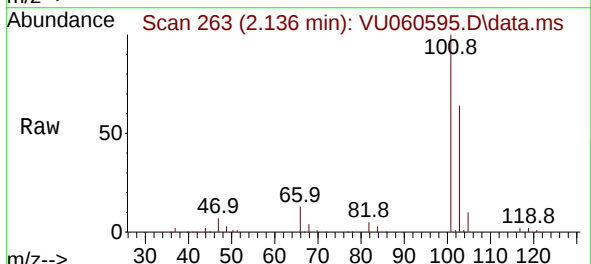
Instrument :
MSVOA_V
ClientSampleId :

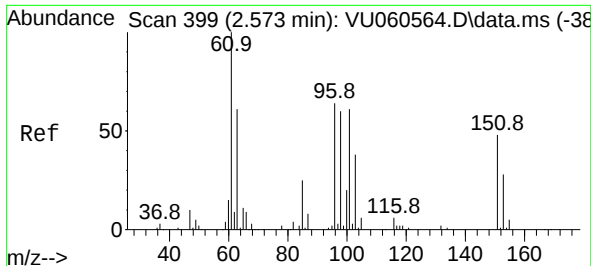
Tgt Ion: 64 Resp: 48295
Ion Ratio Lower Upper
64 100
66 30.5 22.5 41.9



#9
Trichlorofluoromethane
Concen: 3.856 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.003 min
Lab File: VU060595.D
Acq: 04 Sep 2024 10:32

Tgt Ion:101 Resp: 112508
Ion Ratio Lower Upper
101 100
103 65.9 51.4 77.2





#10

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

Concen: 4.904 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU060595.D

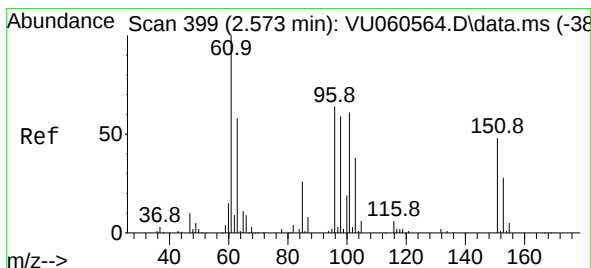
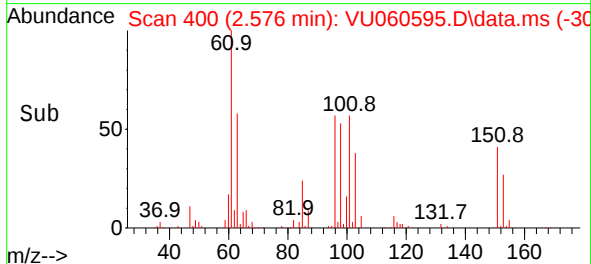
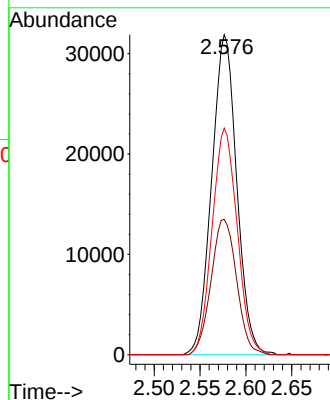
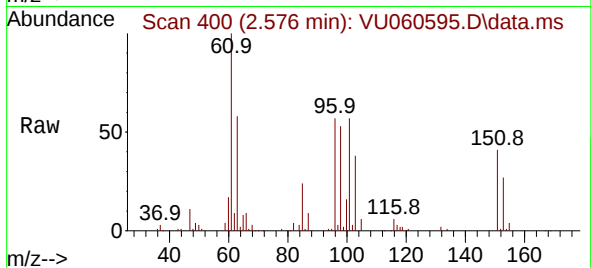
Acq: 04 Sep 2024 10:32

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	101	Resp:	60535
Ion Ratio	Lower	Upper	
101	100		
85	43.1	35.8	53.6
151	71.0	61.7	92.5



#12

1,1-Dichloroethene

Concen: 4.721 ug/L

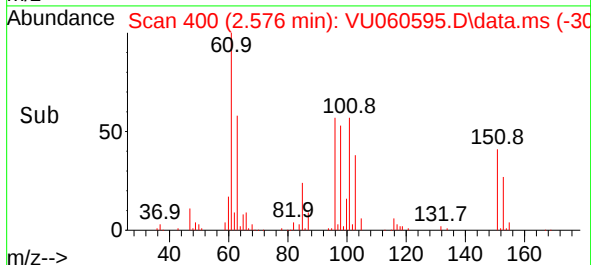
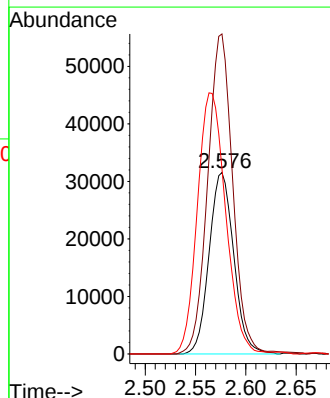
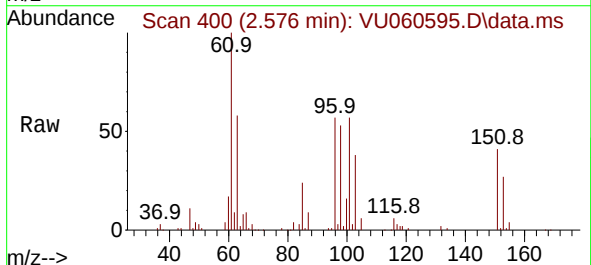
RT: 2.576 min Scan# 400

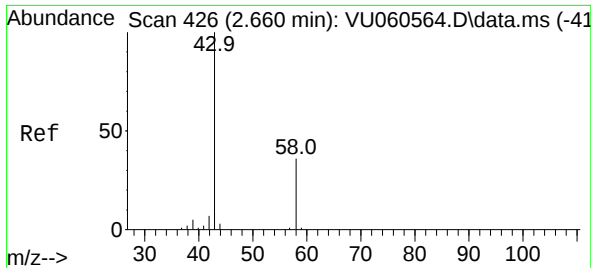
Delta R.T. 0.003 min

Lab File: VU060595.D

Acq: 04 Sep 2024 10:32

Tgt Ion:	96	Resp:	53638
Ion Ratio	Lower	Upper	
96	100		
61	176.4	116.4	216.2
63	102.1	74.8	139.0





#13

Acetone

Concen: 51.123 ug/L

RT: 2.650 min Scan# 41

Delta R.T. -0.010 min

Lab File: VU060595.D

Acq: 04 Sep 2024 10:32

Instrument :

MSVOA_V

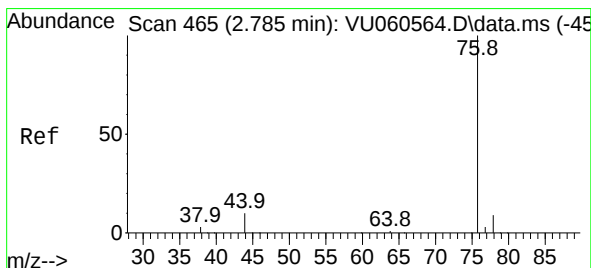
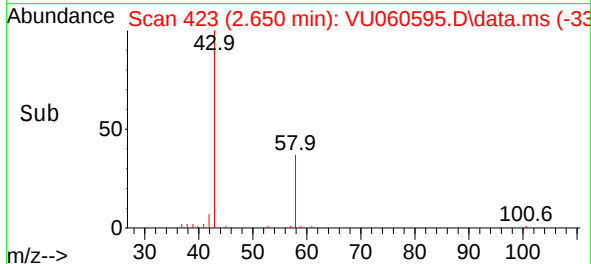
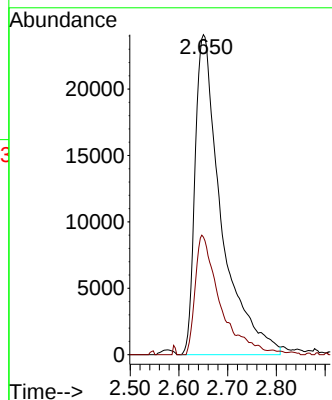
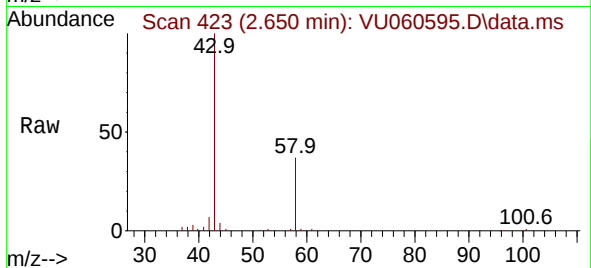
ClientSampleId :

Tgt Ion: 43 Resp: 90064

Ion Ratio Lower Upper

43 100

58 35.2 0.0 66.8



#14

Carbon disulfide

Concen: 4.877 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.003 min

Lab File: VU060595.D

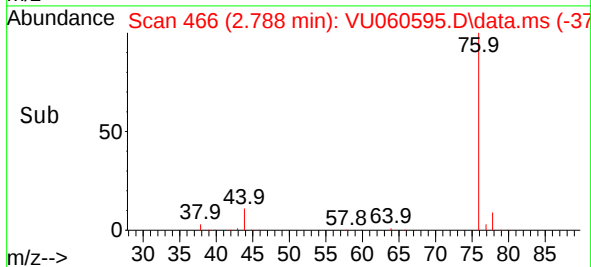
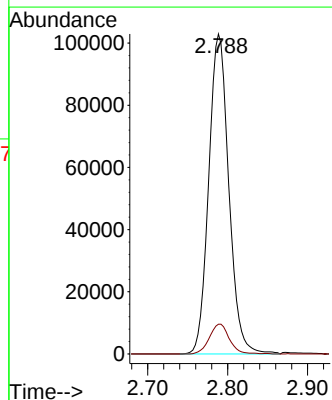
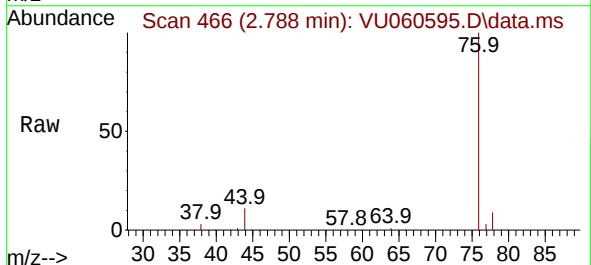
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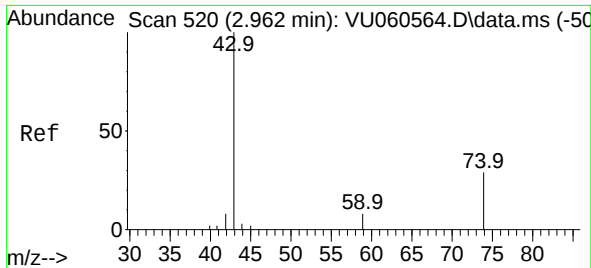
Tgt Ion: 76 Resp: 179783

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2





#15

Methyl Acetate

Concen: 6.155 ug/L

RT: 2.956 min Scan# 51

Delta R.T. -0.006 min

Lab File: VU060595.D

Acq: 04 Sep 2024 10:32

Instrument :

MSVOA_V

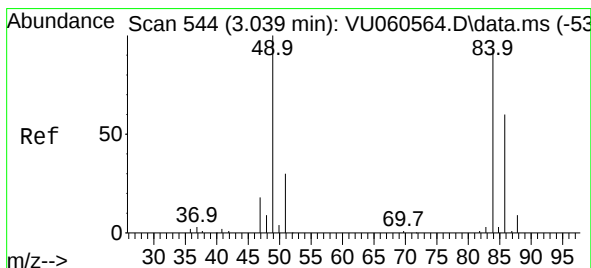
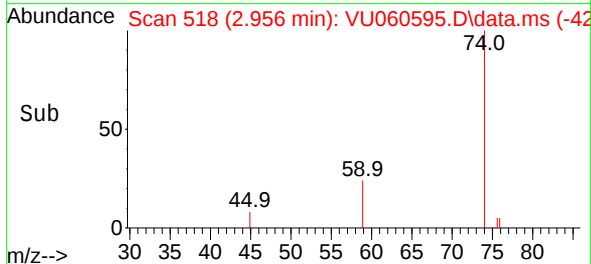
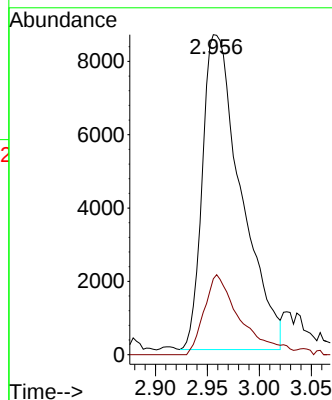
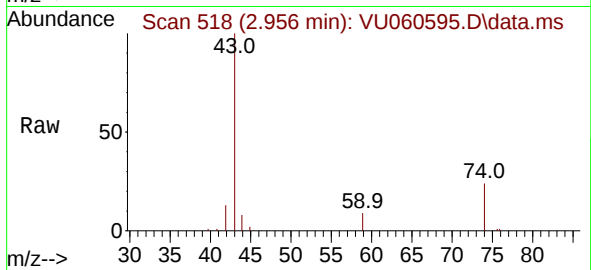
ClientSampleId :

Tgt Ion: 43 Resp: 22173

Ion Ratio Lower Upper

43 100

74 23.8 21.4 32.2



#16

Methylene chloride

Concen: 5.795 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.000 min

Lab File: VU060595.D

Acq: 04 Sep 2024 10:32

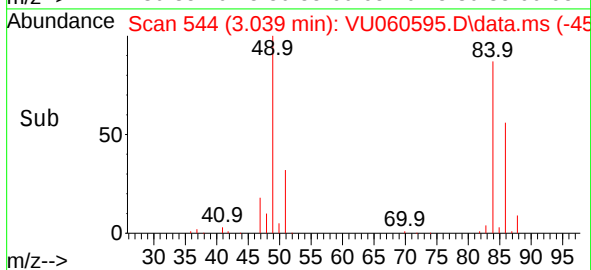
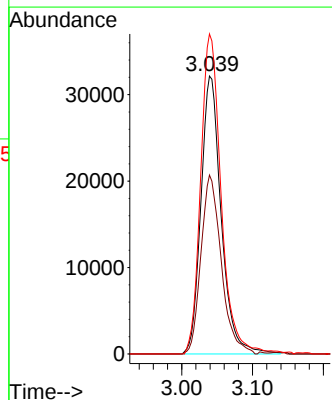
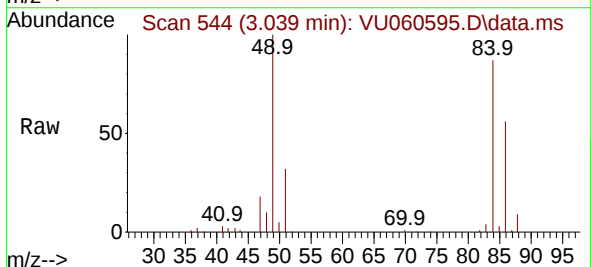
Tgt Ion: 84 Resp: 63951

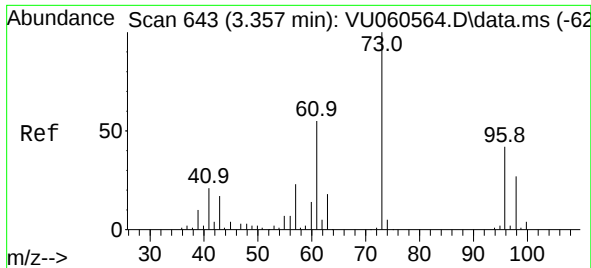
Ion Ratio Lower Upper

84 100

86 64.4 47.5 88.3

49 115.2 94.4 175.2

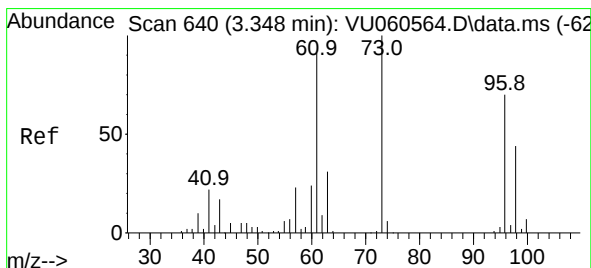
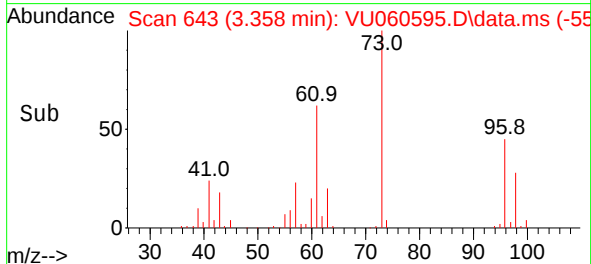
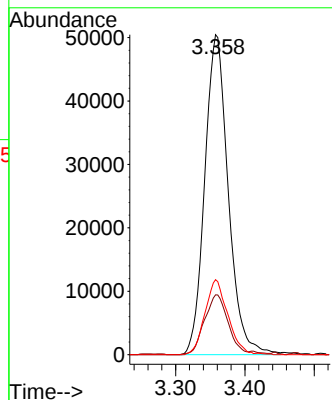
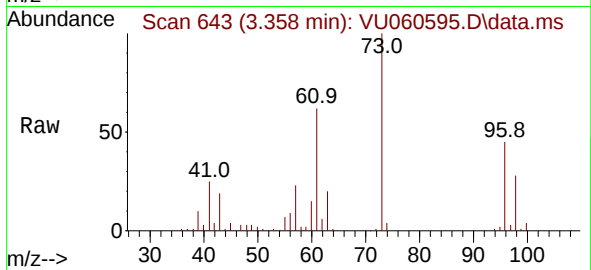




#17
Methyl tert-butyl Ether
Concen: 5.163 ug/L
RT: 3.358 min Scan# 643
Delta R.T. 0.000 min
Lab File: VU060595.D
Acq: 04 Sep 2024 10:32

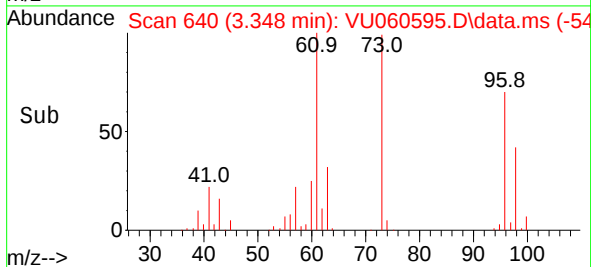
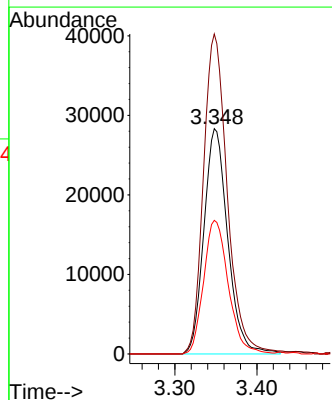
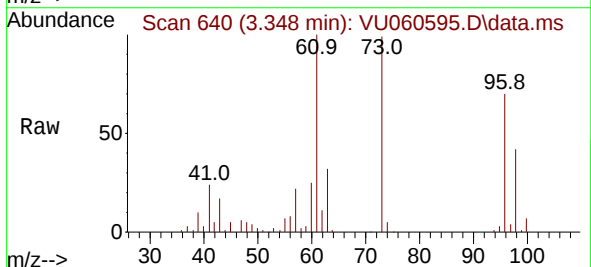
Instrument :
MSVOA_V
ClientSampleId :

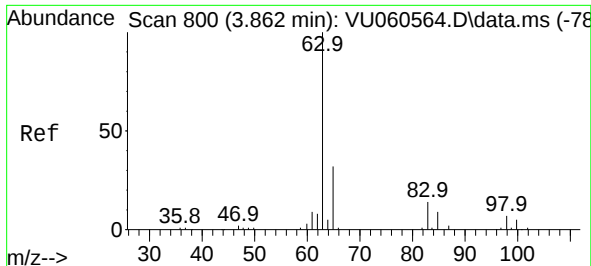
Tgt Ion: 73 Resp: 119040
Ion Ratio Lower Upper
73 100
43 18.7 15.8 23.6
57 22.7 16.8 25.2



#18
trans-1,2-Dichloroethene
Concen: 5.781 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU060595.D
Acq: 04 Sep 2024 10:32

Tgt Ion: 96 Resp: 57180
Ion Ratio Lower Upper
96 100
61 142.1 99.2 184.2
98 59.4 44.0 81.8

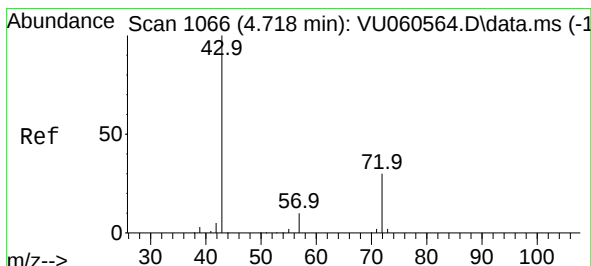
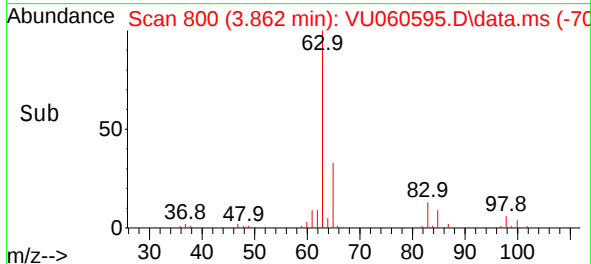
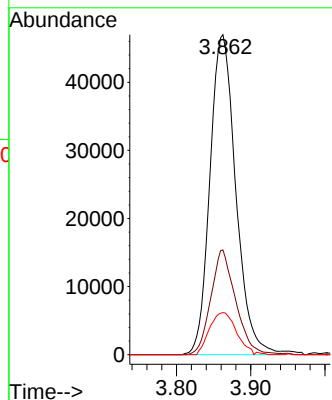
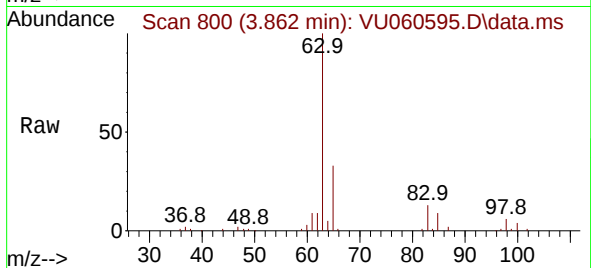




#19
1,1-Dichloroethane
Concen: 5.669 ug/L
RT: 3.862 min Scan# 80
Delta R.T. 0.000 min
Lab File: VU060595.D
Acq: 04 Sep 2024 10:32

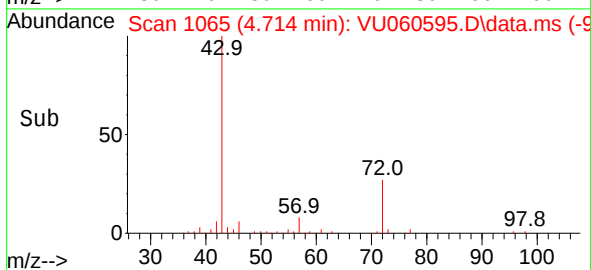
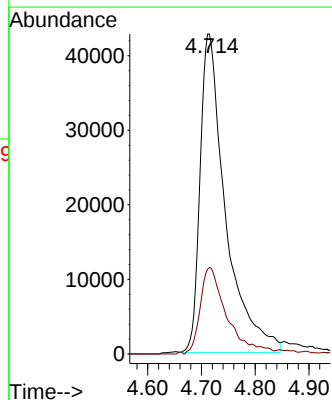
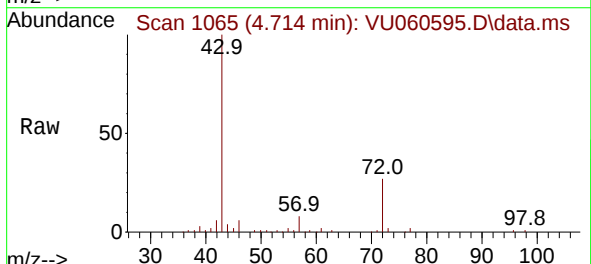
Instrument :
MSVOA_V
ClientSampleId :

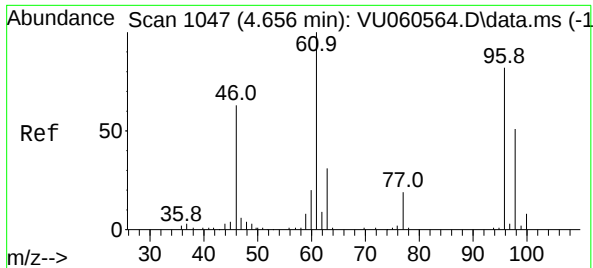
Tgt Ion: 63 Resp: 113623
Ion Ratio Lower Upper
63 100
65 33.7 20.5 38.1
83 13.1 9.2 17.2



#21
2-Butanone
Concen: 58.247 ug/L
RT: 4.714 min Scan# 1065
Delta R.T. -0.003 min
Lab File: VU060595.D
Acq: 04 Sep 2024 10:32

Tgt Ion: 43 Resp: 140331
Ion Ratio Lower Upper
43 100
72 28.2 14.0 42.0





#22

cis-1,2-Dichloroethene

Concen: 5.456 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. 0.003 min

Lab File: VU060595.D

Acq: 04 Sep 2024 10:32

Instrument :

MSVOA_V

ClientSampleId :

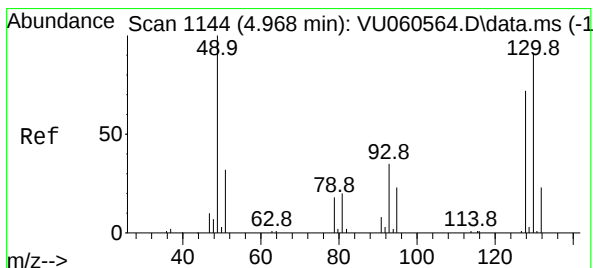
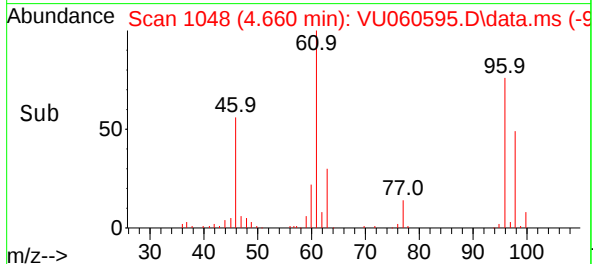
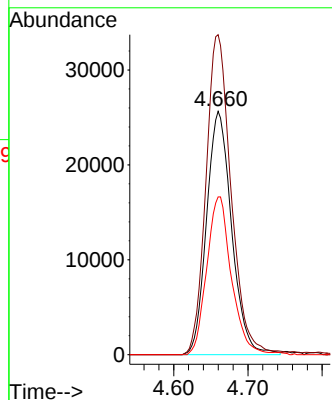
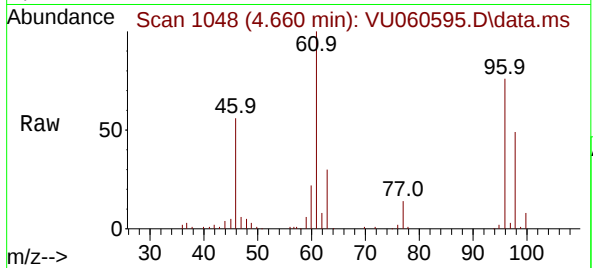
Tgt Ion: 96 Resp: 60129

Ion Ratio Lower Upper

96 100

61 131.5 92.9 172.5

98 64.8 45.0 83.6



#23

Bromochloromethane

Concen: 5.637 ug/L

RT: 4.968 min Scan# 1144

Delta R.T. 0.000 min

Lab File: VU060595.D

Acq: 04 Sep 2024 10:32

Tgt Ion:128 Resp: 28234

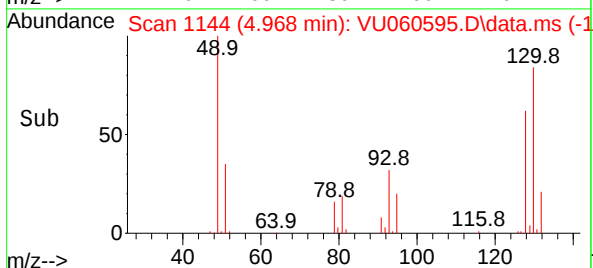
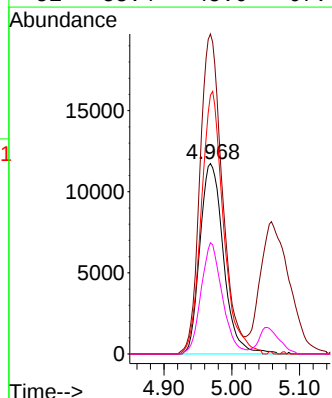
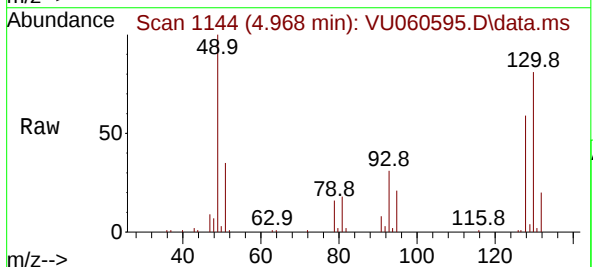
Ion Ratio Lower Upper

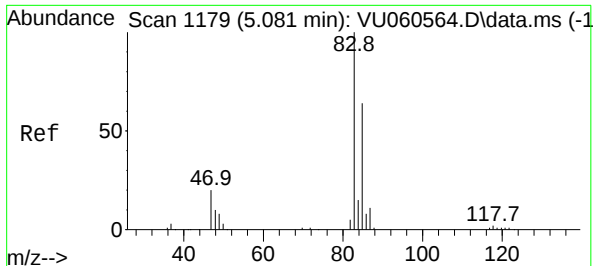
128 100

49 173.0 108.1 200.7

130 135.9 93.1 172.9

51 58.4 45.0 67.4





#25

Chloroform

Concen: 5.440 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VU060595.D

Acq: 04 Sep 2024 10:32

Instrument :

MSVOA_V

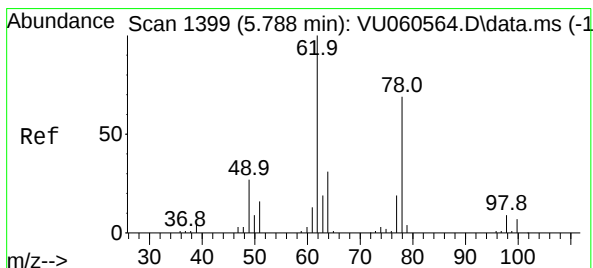
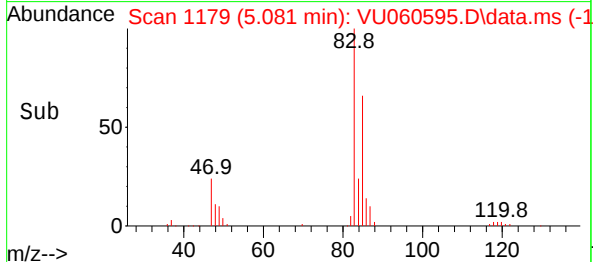
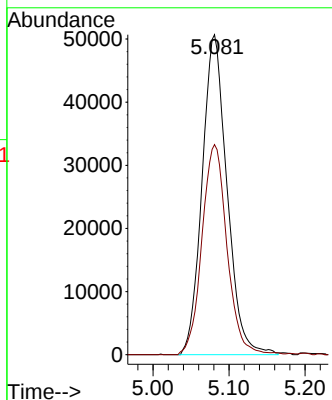
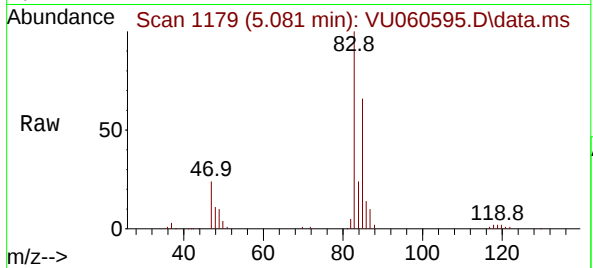
ClientSampleId :

Tgt Ion: 83 Resp: 115391

Ion Ratio Lower Upper

83 100

85 65.7 46.4 86.2



#27

1,2-Dichloroethane

Concen: 4.990 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.003 min

Lab File: VU060595.D

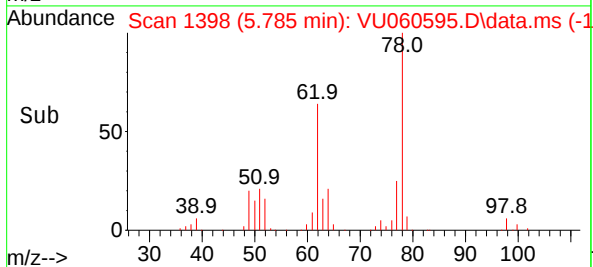
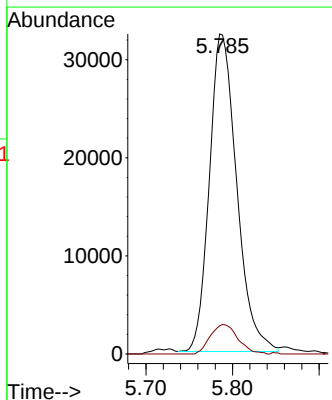
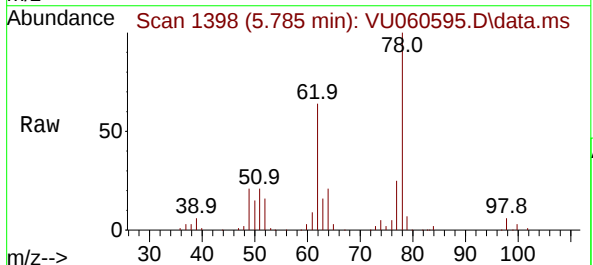
Acq: 04 Sep 2024 10:32

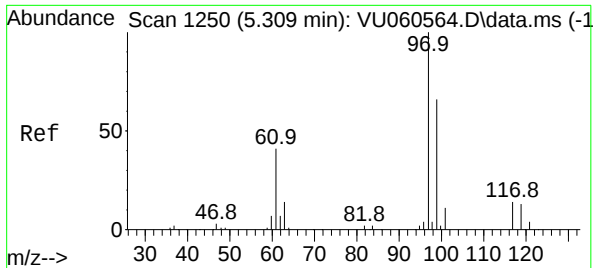
Tgt Ion: 62 Resp: 71038

Ion Ratio Lower Upper

62 100

98 8.8 7.0 10.4

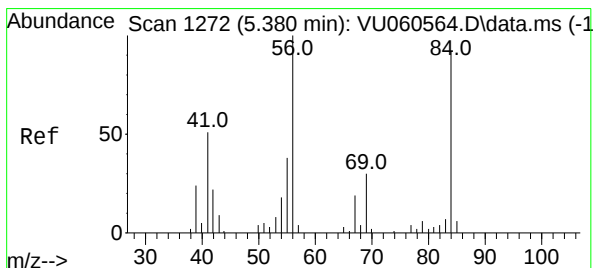
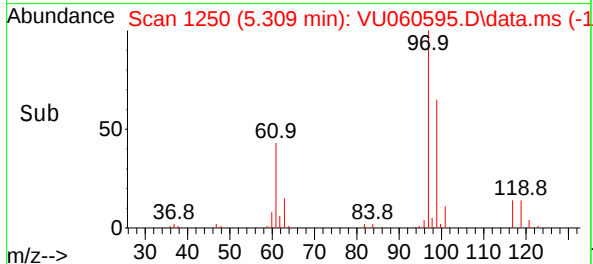
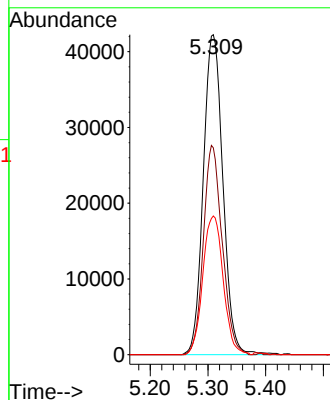
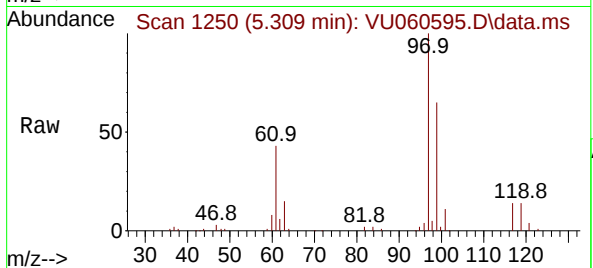




#29
1,1,1-Trichloroethane
Concen: 4.933 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. 0.000 min
Lab File: VU060595.D
Acq: 04 Sep 2024 10:32

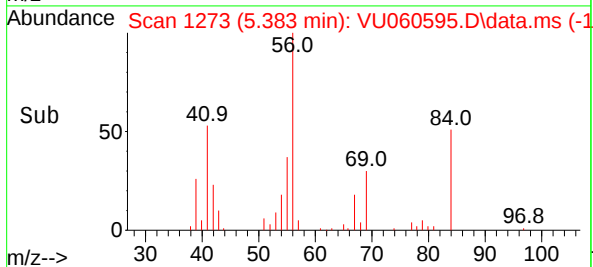
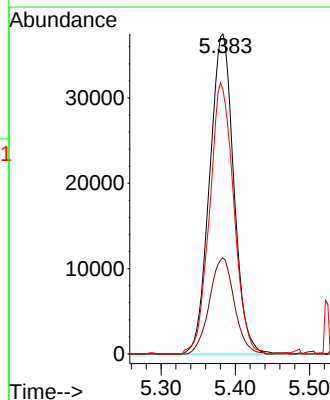
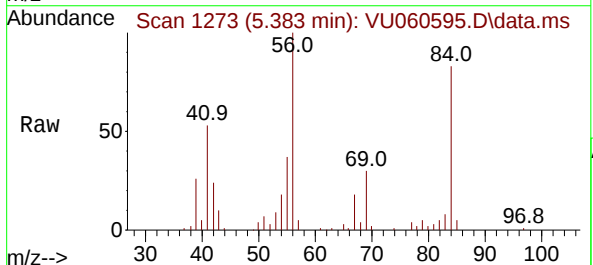
Instrument :
MSVOA_V
ClientSampleId :

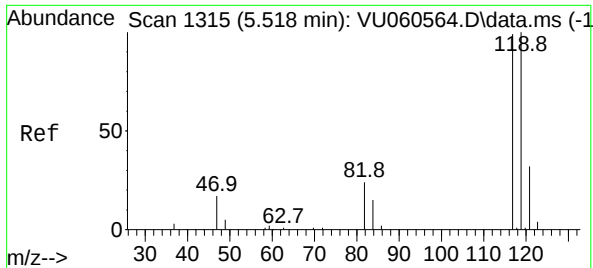
Tgt Ion:	97	Resp:	99670
Ion	Ratio	Lower	Upper
97	100		
99	62.7	49.7	74.5
61	45.0	35.4	53.2



#30
Cyclohexane
Concen: 5.058 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. 0.003 min
Lab File: VU060595.D
Acq: 04 Sep 2024 10:32

Tgt Ion:	56	Resp:	84603
Ion	Ratio	Lower	Upper
56	100		
69	30.8	24.2	36.2
84	84.8	69.7	104.5

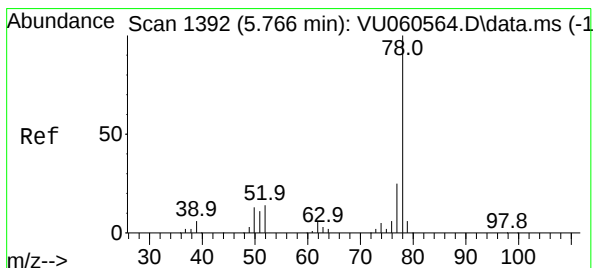
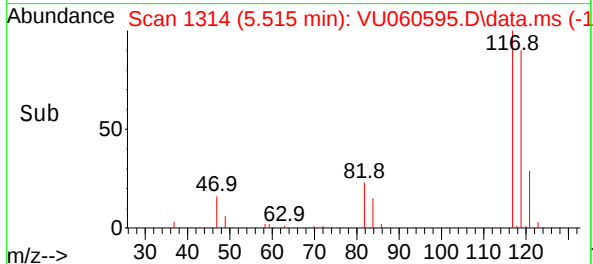
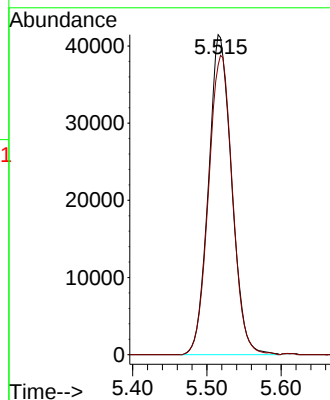
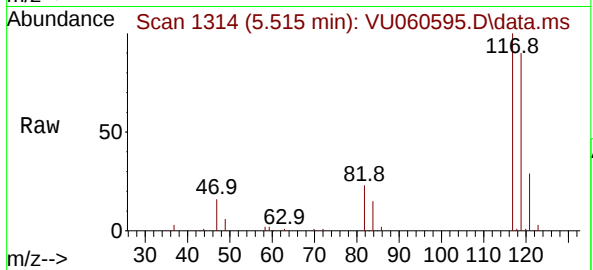




#31
Carbon tetrachloride
Concen: 4.817 ug/L
RT: 5.515 min Scan# 1315
Delta R.T. -0.003 min
Lab File: VU060595.D
Acq: 04 Sep 2024 10:32

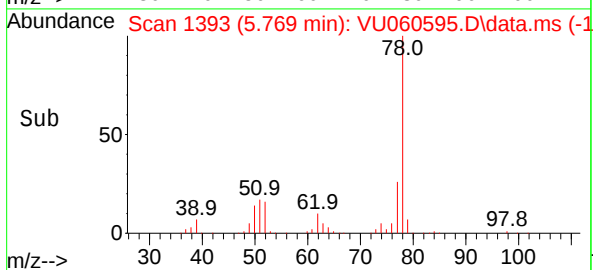
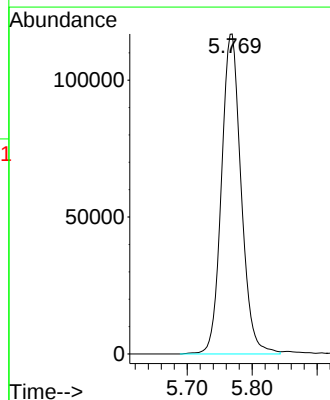
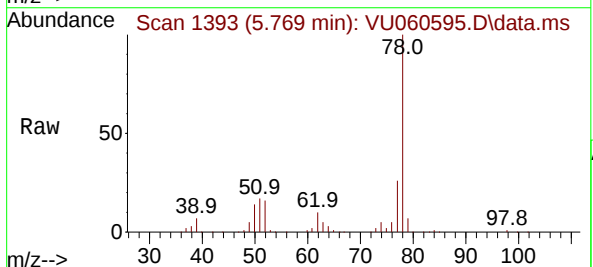
Instrument : MSVOA_V
ClientSampleId :

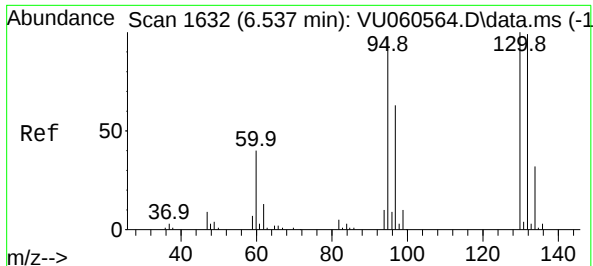
Tgt Ion:117 Resp: 89954
Ion Ratio Lower Upper
117 100
119 96.5 76.4 114.6



#33
Benzene
Concen: 5.244 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.003 min
Lab File: VU060595.D
Acq: 04 Sep 2024 10:32

Tgt Ion: 78 Resp: 245353

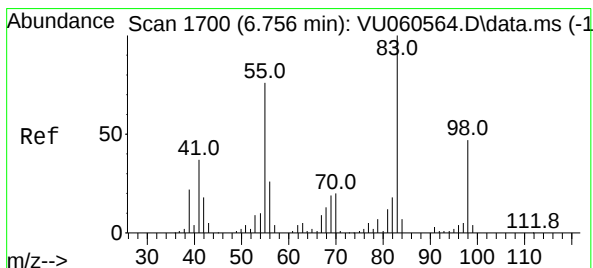
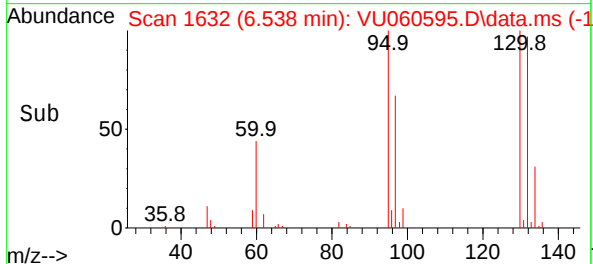
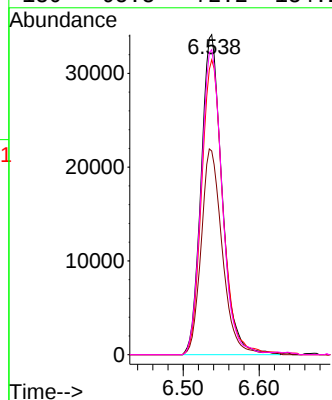
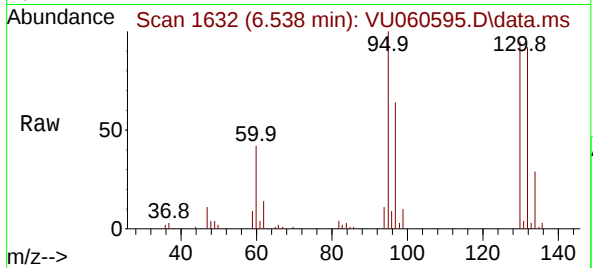




#34
Trichloroethene
Concen: 5.172 ug/L
RT: 6.538 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU060595.D
Acq: 04 Sep 2024 10:32

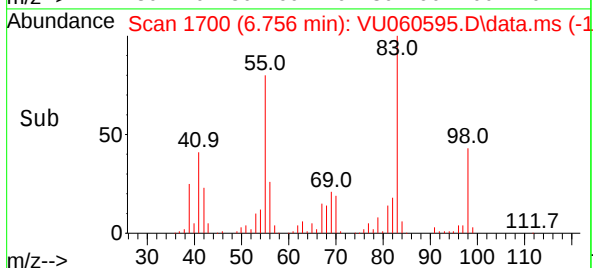
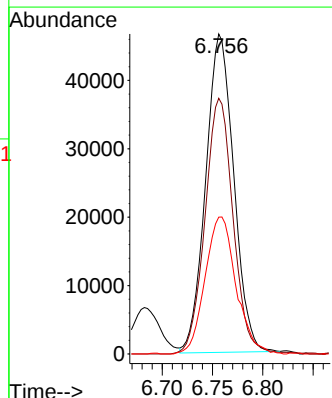
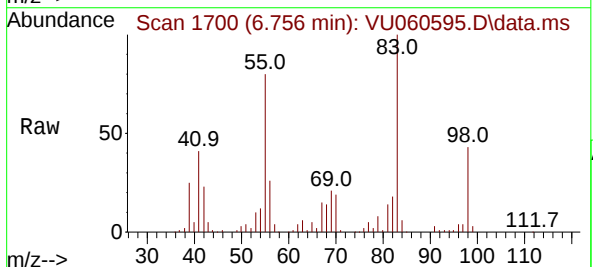
Instrument :
MSVOA_V
ClientSampleId :

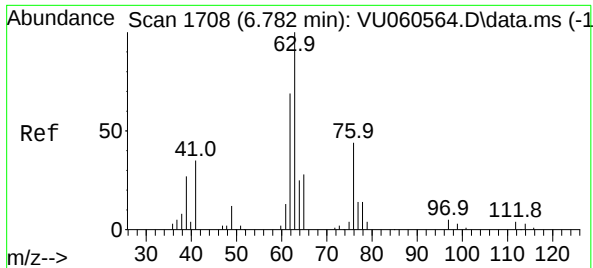
Tgt Ion: 95 Resp: 65601
Ion Ratio Lower Upper
95 100
97 63.7 45.8 85.2
132 92.1 67.4 125.2
130 95.3 72.2 134.2



#35
Methylcyclohexane
Concen: 5.189 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VU060595.D
Acq: 04 Sep 2024 10:32

Tgt Ion: 83 Resp: 90296
Ion Ratio Lower Upper
83 100
55 80.7 65.8 98.8
98 47.5 37.8 56.8

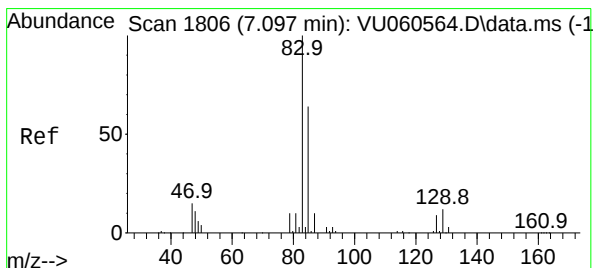
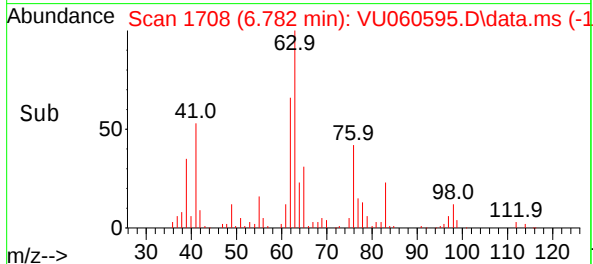
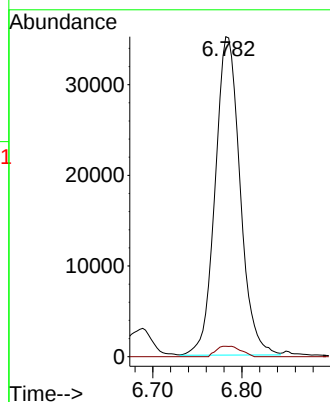
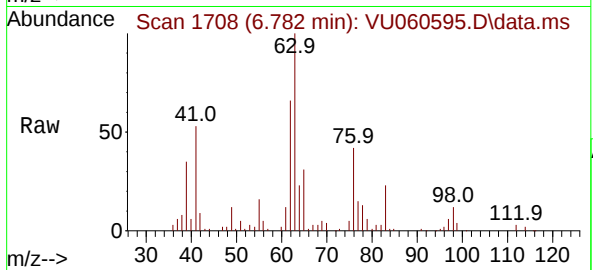




#37
1,2-Dichloropropane
Concen: 5.694 ug/L
RT: 6.782 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU060595.D
Acq: 04 Sep 2024 10:32

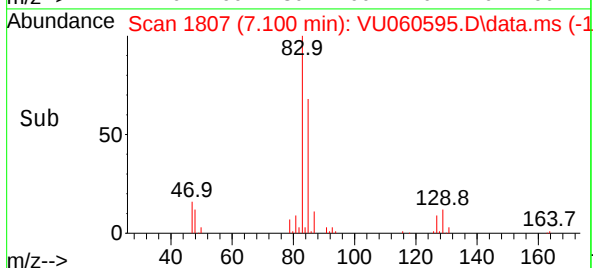
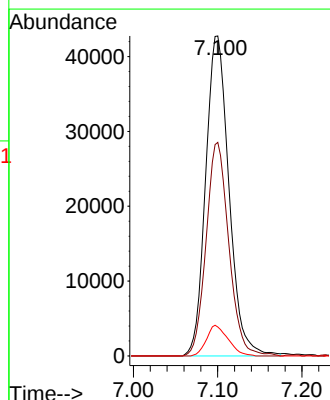
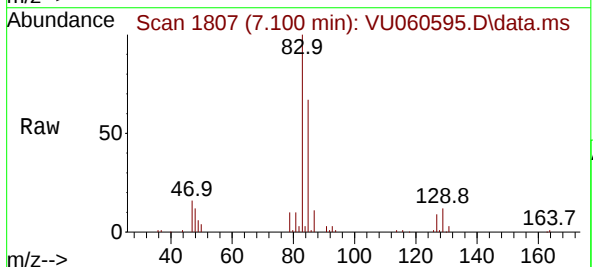
Instrument :
MSVOA_V
ClientSampleId :

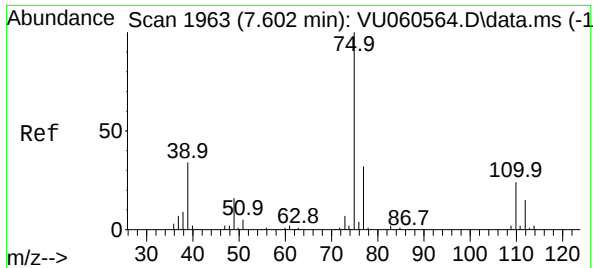
Tgt Ion: 63 Resp: 68267
Ion Ratio Lower Upper
63 100
112 3.2 2.3 3.5



#38
Bromodichloromethane
Concen: 5.237 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VU060595.D
Acq: 04 Sep 2024 10:32

Tgt Ion: 83 Resp: 82510
Ion Ratio Lower Upper
83 100
85 66.7 44.9 83.5
127 9.0 7.3 10.9

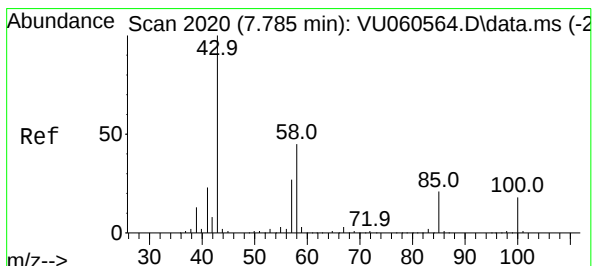
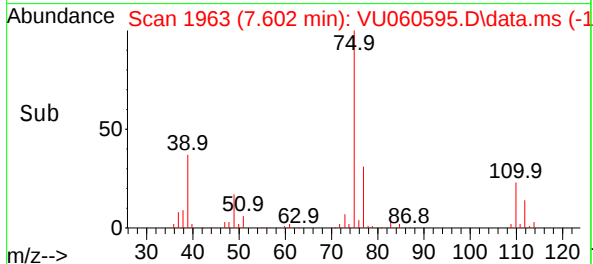
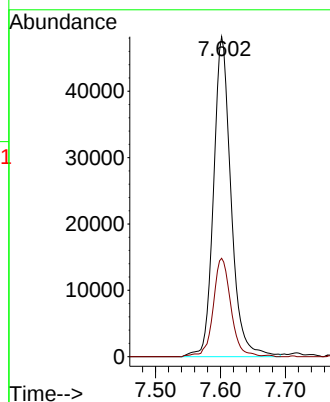
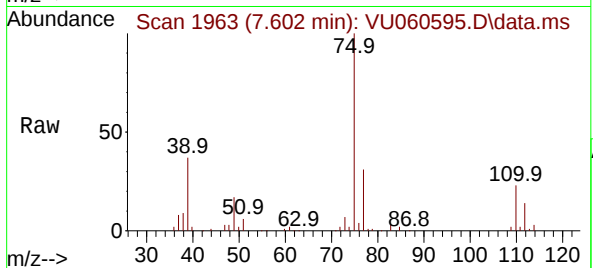




#39
 cis-1,3-Dichloropropene
 Concen: 5.128 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VU060595.D
 Acq: 04 Sep 2024 10:32

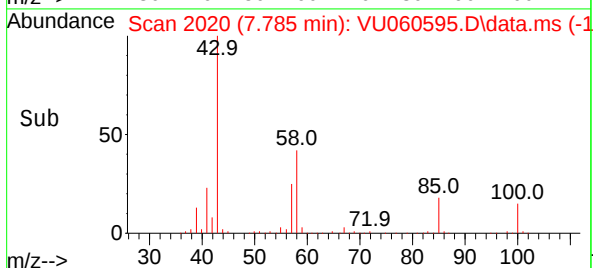
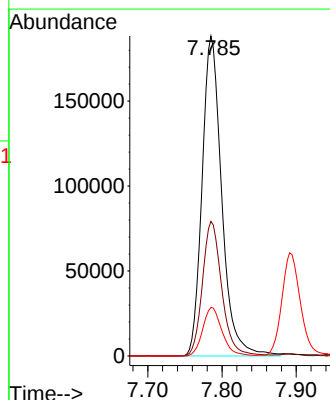
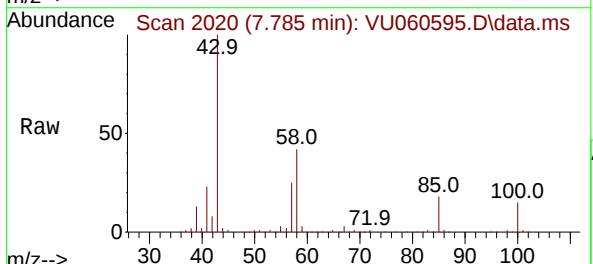
Instrument :
 MSVOA_V
 ClientSampleId :

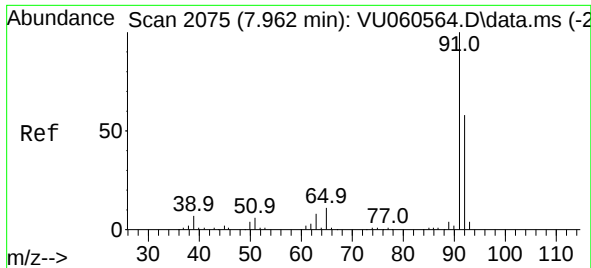
Tgt Ion: 75 Resp: 90139
 Ion Ratio Lower Upper
 75 100
 77 30.7 22.1 41.1



#40
 4-Methyl-2-pentanone
 Concen: 55.468 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. 0.000 min
 Lab File: VU060595.D
 Acq: 04 Sep 2024 10:32

Tgt Ion: 43 Resp: 346350
 Ion Ratio Lower Upper
 43 100
 58 41.4 32.5 48.7
 100 14.9 12.5 18.7





#42

Toluene

Concen: 5.535 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU060595.D

Acq: 04 Sep 2024 10:32

Instrument :

MSVOA_V

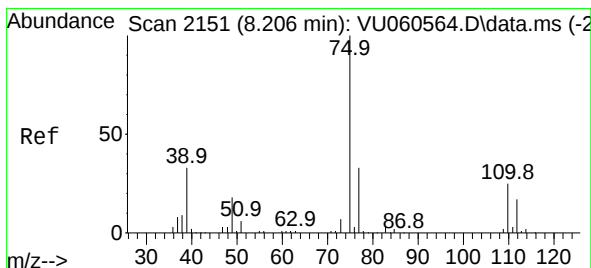
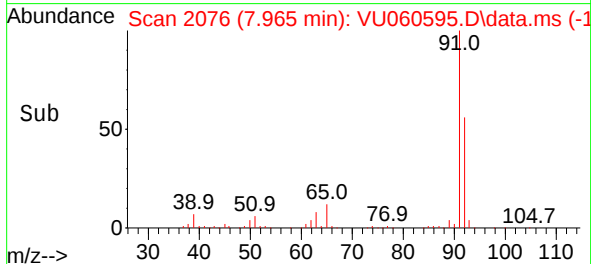
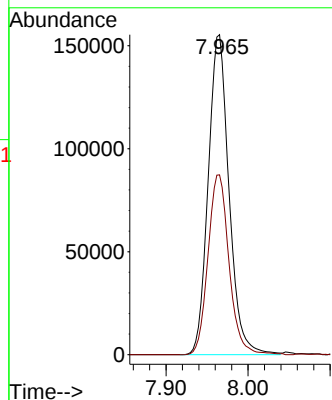
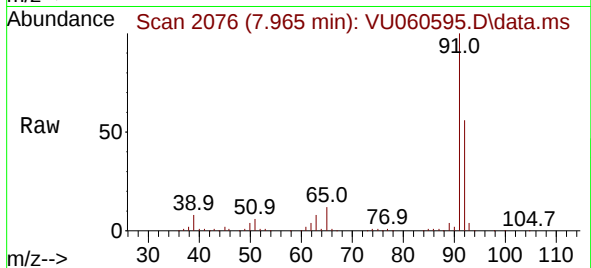
ClientSampleId :

Tgt Ion: 91 Resp: 273694

Ion Ratio Lower Upper

91 100

92 56.2 38.0 70.6



#44

trans-1,3-Dichloropropene

Concen: 5.336 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU060595.D

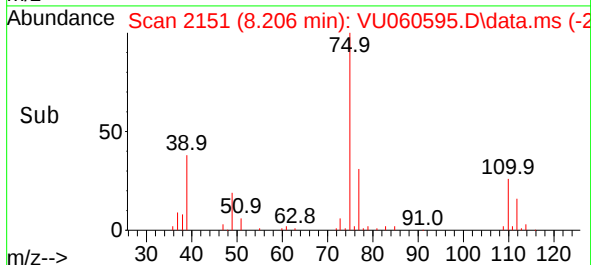
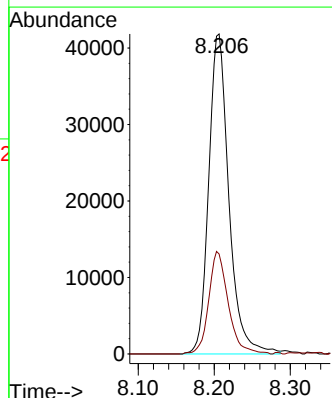
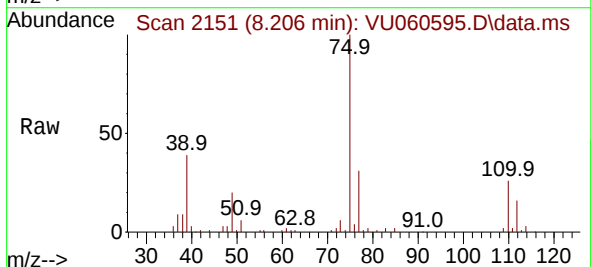
Acq: 04 Sep 2024 10:32

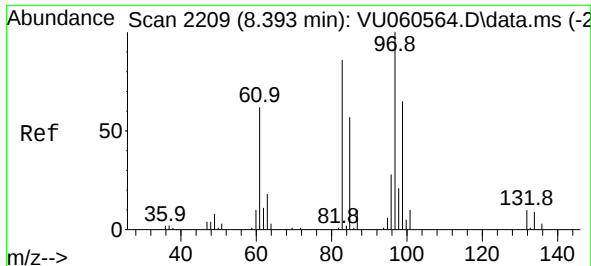
Tgt Ion: 75 Resp: 77000

Ion Ratio Lower Upper

75 100

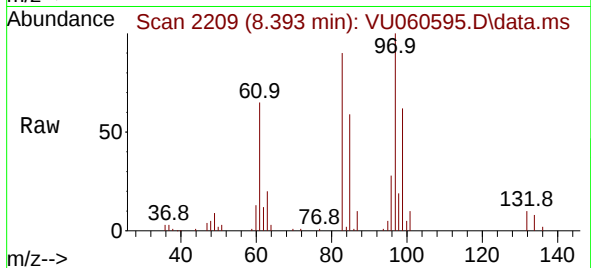
77 31.3 23.4 43.6



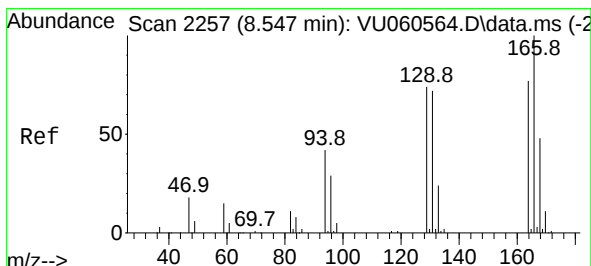
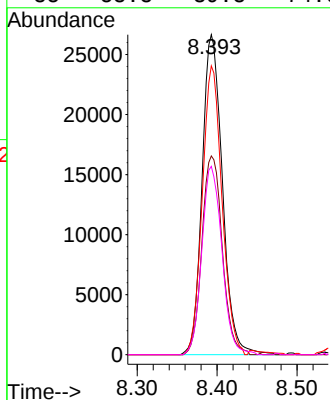
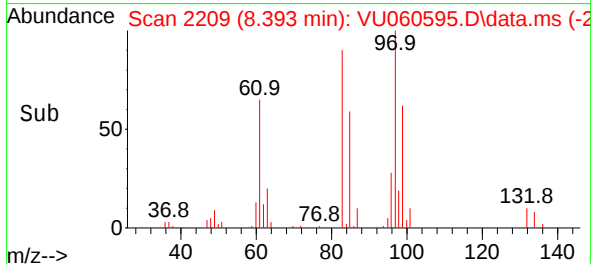


#45
1,1,2-Trichloroethane
Concen: 5.419 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU060595.D
Acq: 04 Sep 2024 10:32

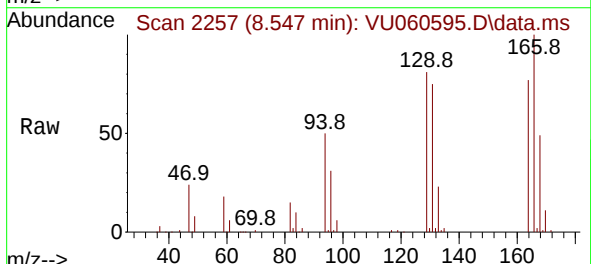
Instrument :
MSVOA_V
ClientSampleId :



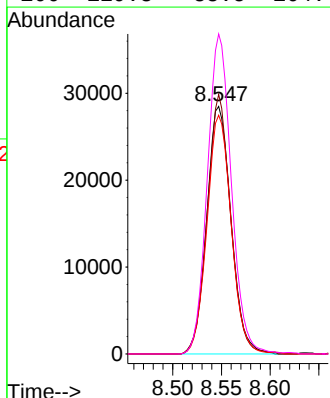
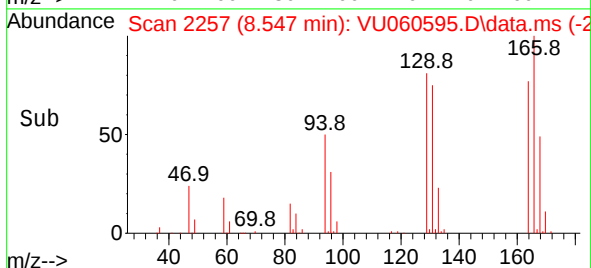
Tgt Ion:	97	Resp:	47065
Ion	Ratio	Lower	Upper
97	100		
99	62.1	42.4	78.8
83	90.2	64.0	119.0
85	58.8	39.8	74.0

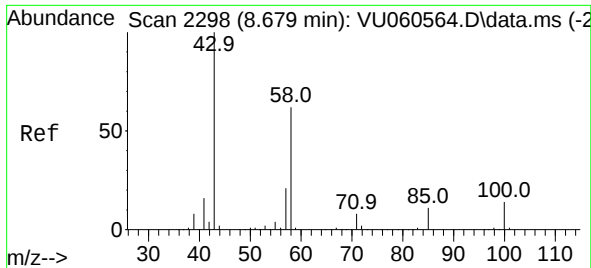


#47
Tetrachloroethene
Concen: 4.780 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU060595.D
Acq: 04 Sep 2024 10:32



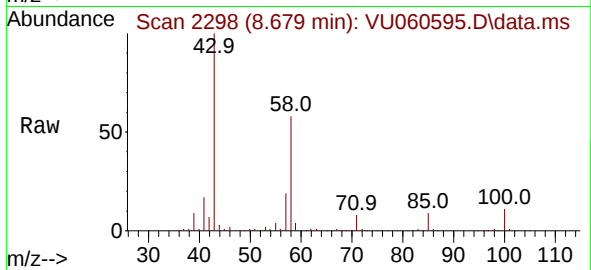
Tgt Ion:	164	Resp:	49694
Ion	Ratio	Lower	Upper
164	100		
129	104.8	67.8	125.8
131	96.5	67.2	124.8
166	129.3	88.5	164.4



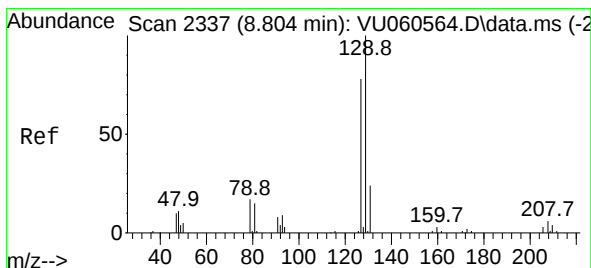
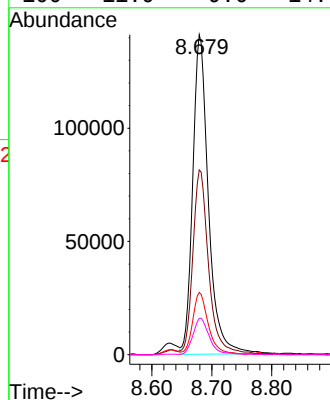
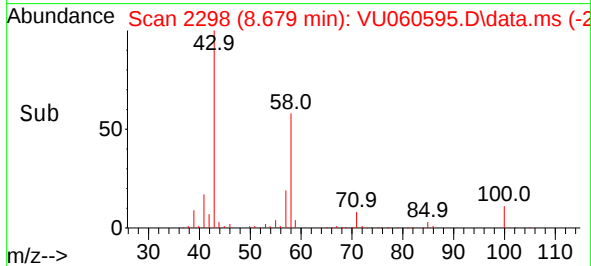


#48
2-Hexanone
Concen: 55.074 ug/L
RT: 8.679 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU060595.D
Acq: 04 Sep 2024 10:32

Instrument :
MSVOA_V
ClientSampleId :

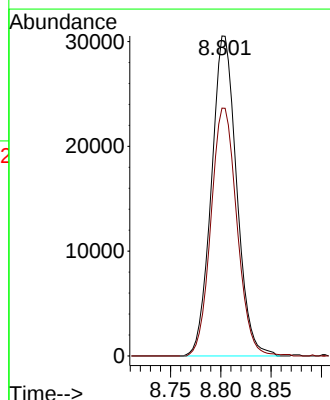
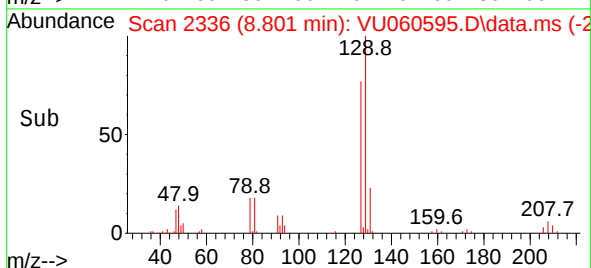
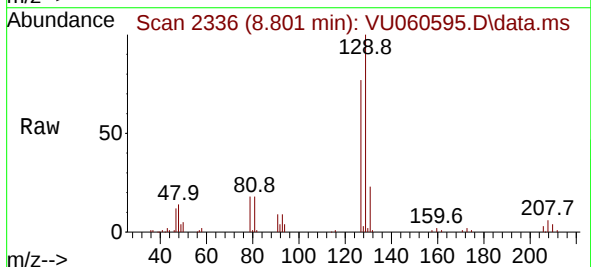


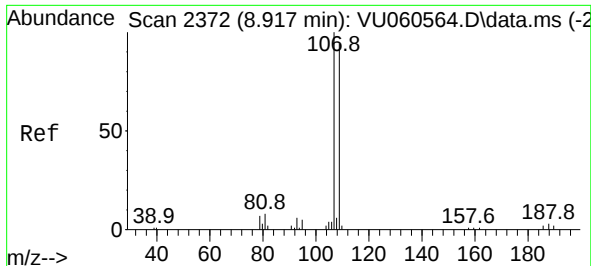
Tgt Ion: 43 Resp: 257363
Ion Ratio Lower Upper
43 100
58 57.6 45.6 68.4
57 19.1 15.6 23.4
100 11.9 9.6 14.4



#49
Dibromochloromethane
Concen: 5.305 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.003 min
Lab File: VU060595.D
Acq: 04 Sep 2024 10:32

Tgt Ion: 129 Resp: 53344
Ion Ratio Lower Upper
129 100
127 77.4 53.0 98.4

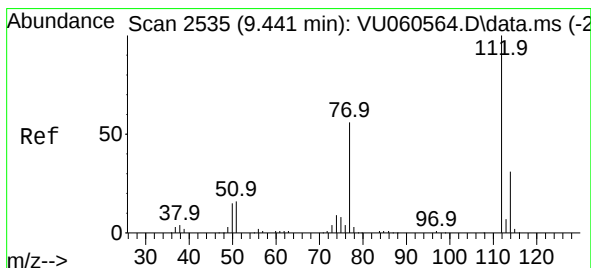
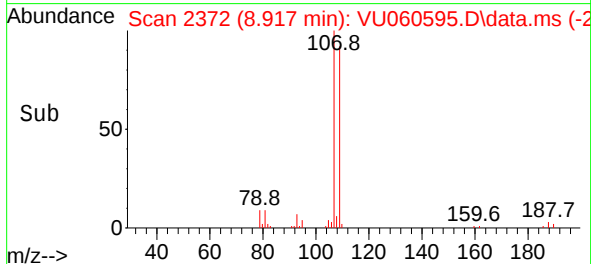
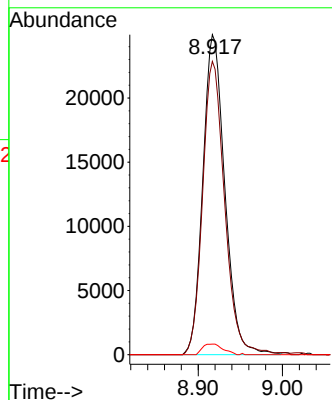
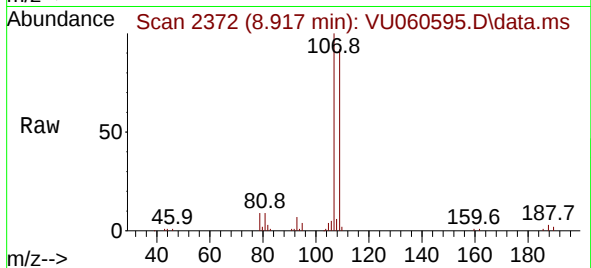




#50
1,2-Dibromoethane
Concen: 5.687 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU060595.D
Acq: 04 Sep 2024 10:32

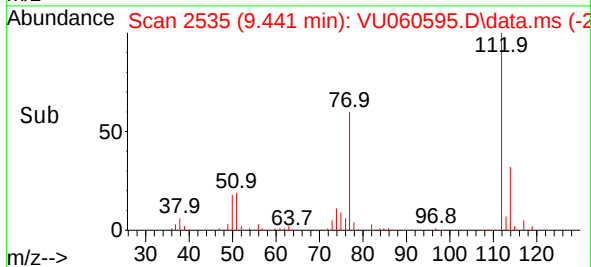
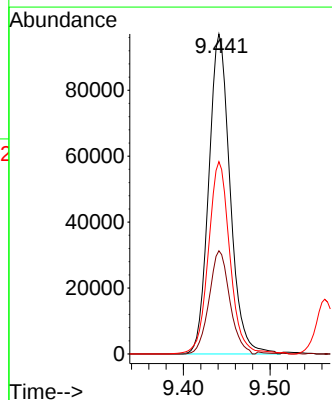
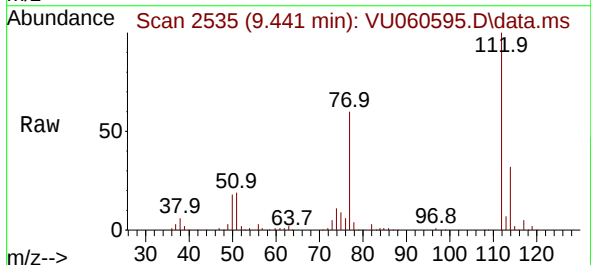
Instrument :
MSVOA_V
ClientSampleId :

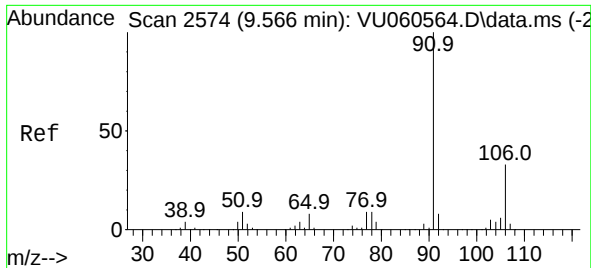
Tgt Ion:107 Resp: 45342
Ion Ratio Lower Upper
107 100
109 91.7 68.5 127.3
188 3.3 3.9 5.9#



#51
Chlorobenzene
Concen: 5.182 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU060595.D
Acq: 04 Sep 2024 10:32

Tgt Ion:112 Resp: 165855
Ion Ratio Lower Upper
112 100
114 32.3 21.9 40.7
77 60.1 47.4 71.2





#52

Ethylbenzene

Concen: 5.115 ug/L

RT: 9.563 min Scan# 2

Delta R.T. -0.003 min

Lab File: VU060595.D

Acq: 04 Sep 2024 10:32

Instrument :

MSVOA_V

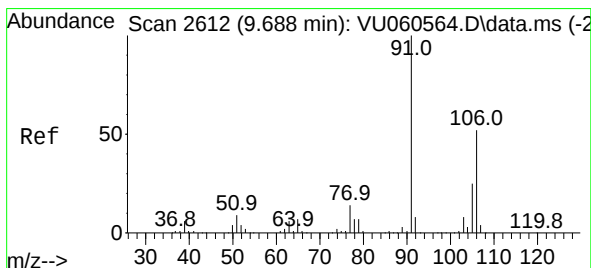
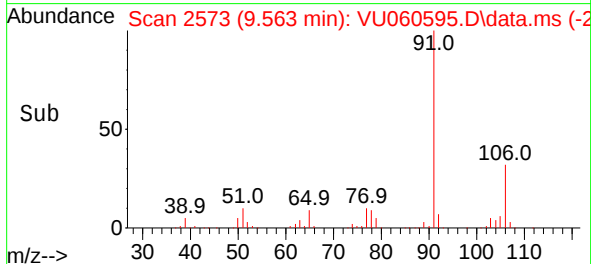
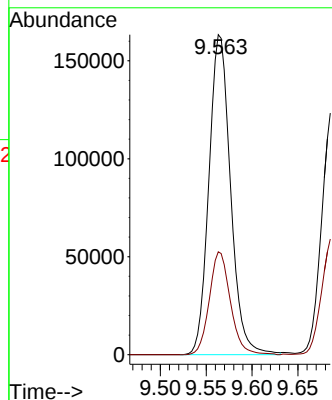
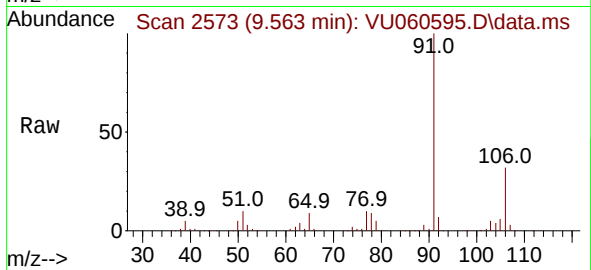
ClientSampleId :

Tgt Ion: 91 Resp: 267998

Ion Ratio Lower Upper

91 100

106 32.2 21.9 40.7



#53

m,p-Xylene

Concen: 5.494 ug/L

RT: 9.689 min Scan# 2612

Delta R.T. 0.000 min

Lab File: VU060595.D

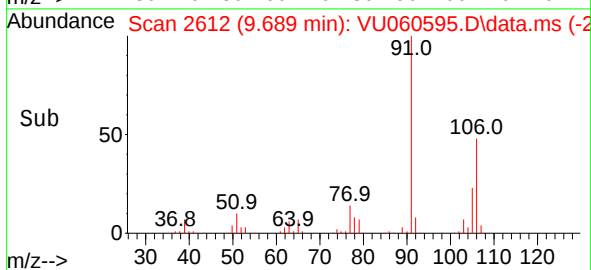
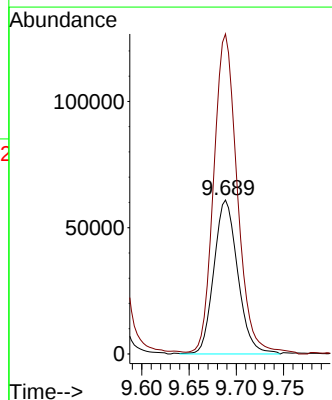
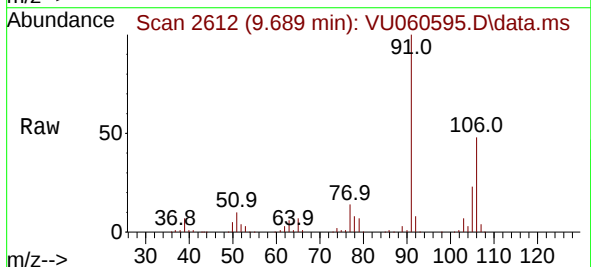
Acq: 04 Sep 2024 10:32

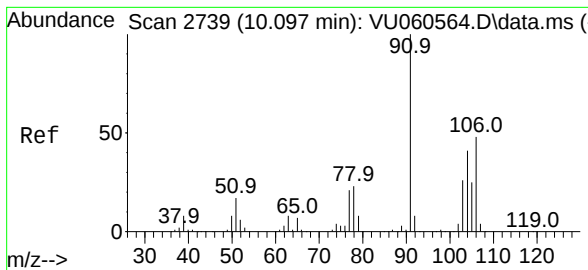
Tgt Ion:106 Resp: 107022

Ion Ratio Lower Upper

106 100

91 208.0 141.5 262.9

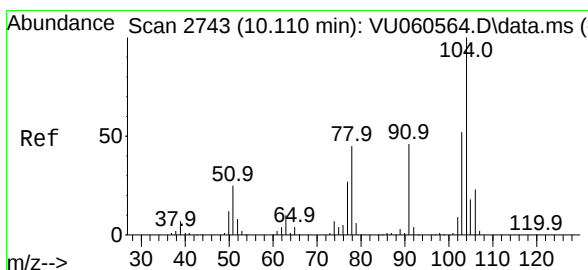
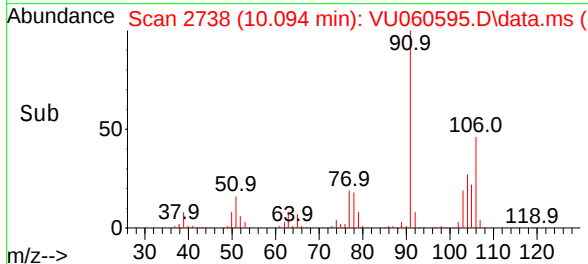
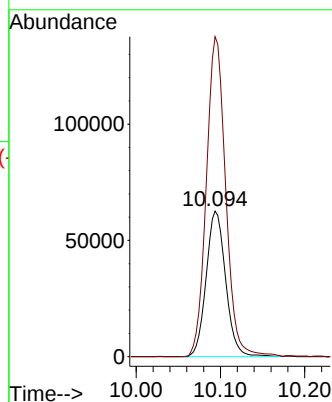
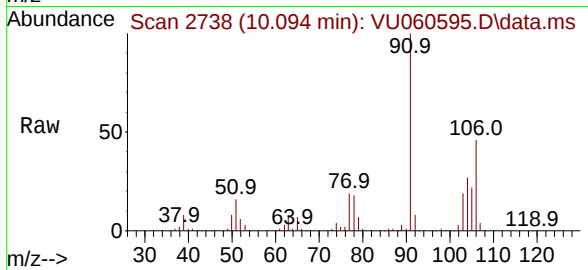




#54
o-Xylene
Concen: 5.072 ug/L
RT: 10.094 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU060595.D
Acq: 04 Sep 2024 10:32

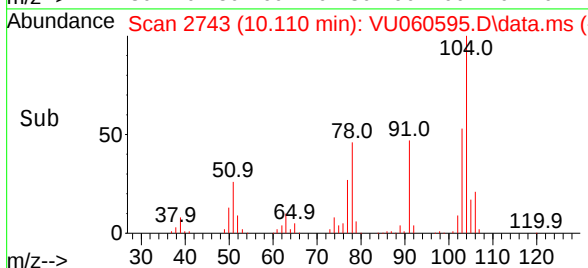
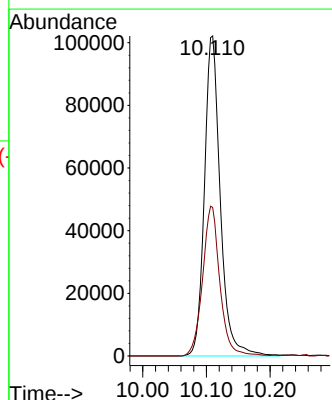
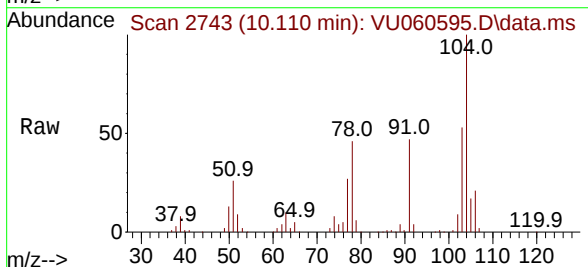
Instrument :
MSVOA_V
ClientSampleId :

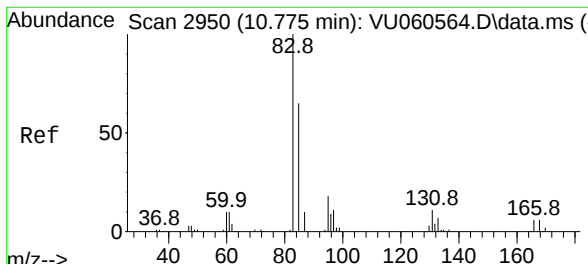
Tgt Ion:106 Resp: 101141
Ion Ratio Lower Upper
106 100
91 219.8 151.1 280.7



#55
Styrene
Concen: 5.418 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU060595.D
Acq: 04 Sep 2024 10:32

Tgt Ion:104 Resp: 177055
Ion Ratio Lower Upper
104 100
78 46.4 33.3 61.9

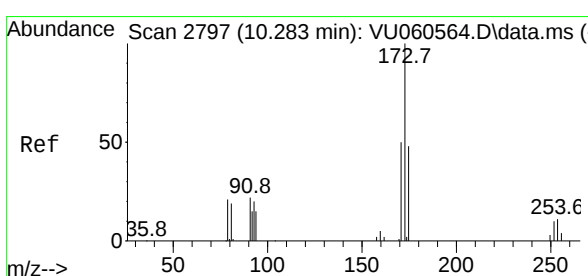
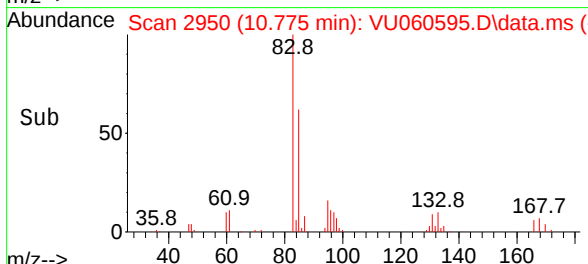
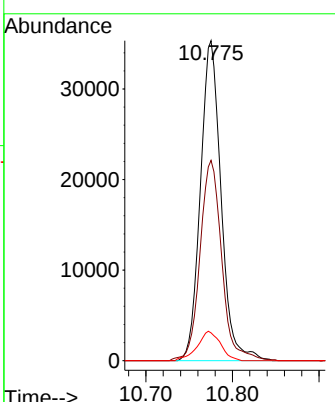
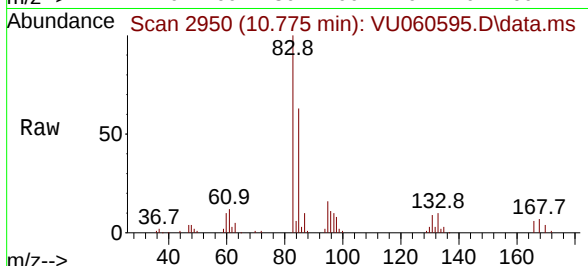




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.285 ug/L
 RT: 10.775 min Scan# 2950
 Delta R.T. 0.000 min
 Lab File: VU060595.D
 Acq: 04 Sep 2024 10:32

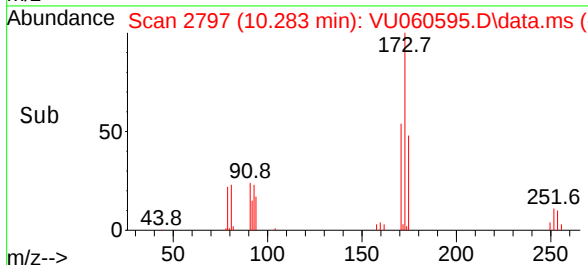
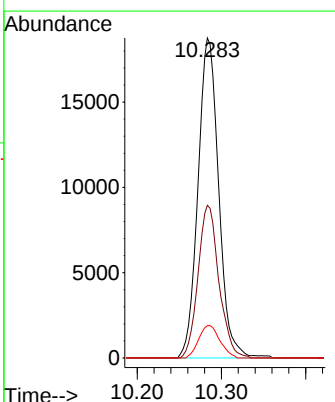
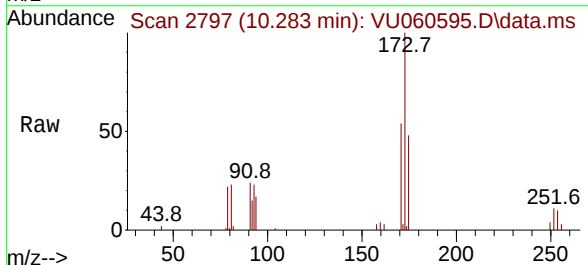
Instrument :
 MSVOA_V
 ClientSampleId :

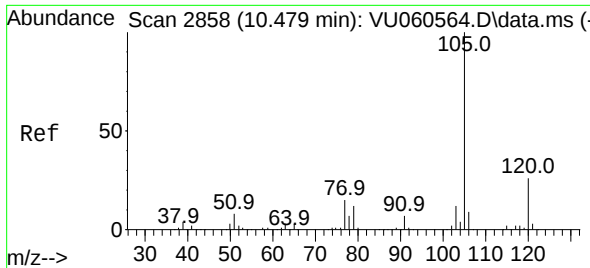
Tgt Ion:	83	Resp:	58600
Ion Ratio	Lower	Upper	
83	100		
85	62.6	43.3	80.5
131	8.7	8.9	13.3#



#59
 Bromoform
 Concen: 5.165 ug/L
 RT: 10.283 min Scan# 2797
 Delta R.T. 0.000 min
 Lab File: VU060595.D
 Acq: 04 Sep 2024 10:32

Tgt Ion:	173	Resp:	32103
Ion Ratio	Lower	Upper	
173	100		
175	48.0	39.8	59.8
254	10.3	8.2	12.2

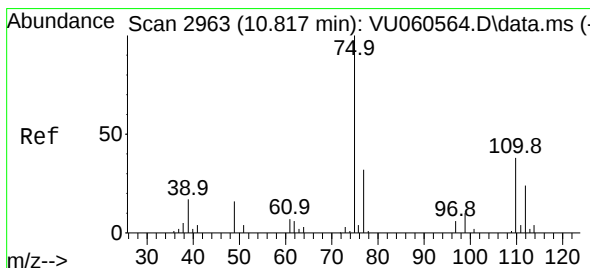
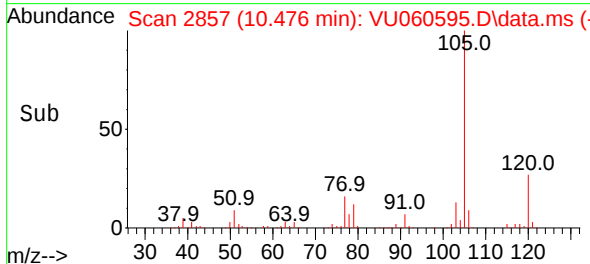
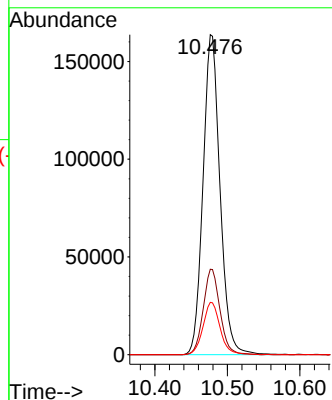
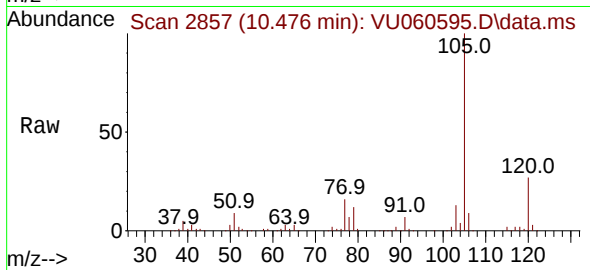




#60
Isopropylbenzene
Concen: 5.274 ug/L
RT: 10.476 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU060595.D
Acq: 04 Sep 2024 10:32

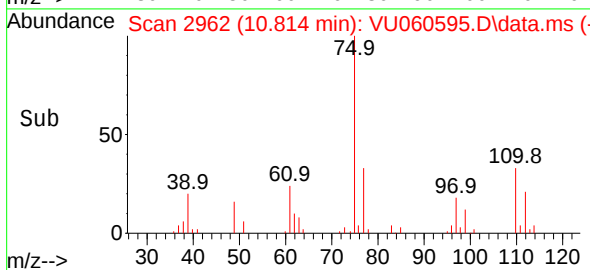
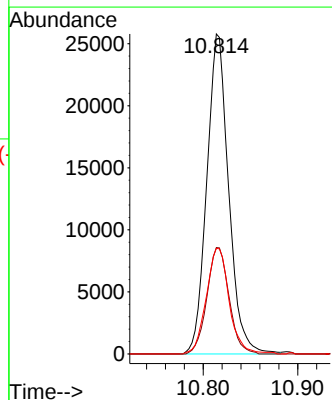
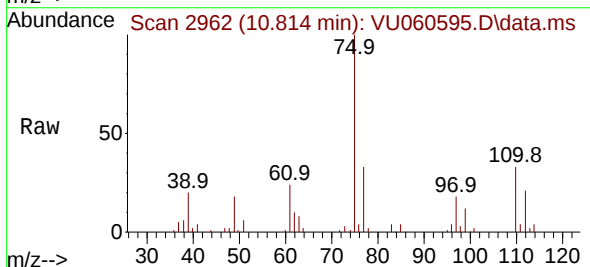
Instrument :
MSVOA_V
ClientSampleId :

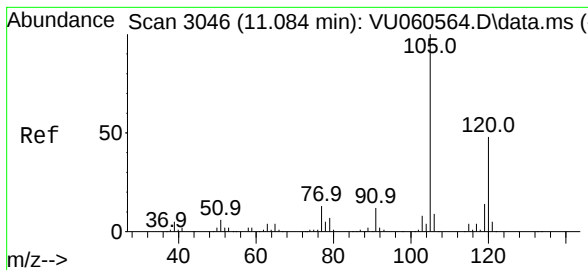
Tgt Ion:105 Resp: 266475
Ion Ratio Lower Upper
105 100
120 26.3 21.0 31.4
77 16.5 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 5.681 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. -0.003 min
Lab File: VU060595.D
Acq: 04 Sep 2024 10:32

Tgt Ion: 75 Resp: 41439
Ion Ratio Lower Upper
75 100
110 33.5 30.2 45.4
77 34.6 25.4 38.2

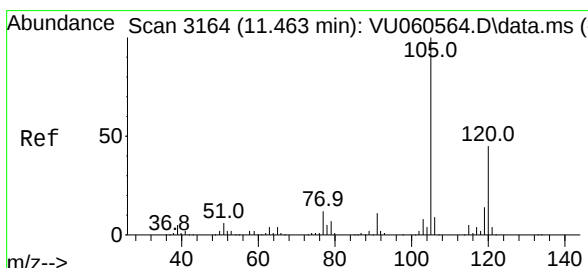
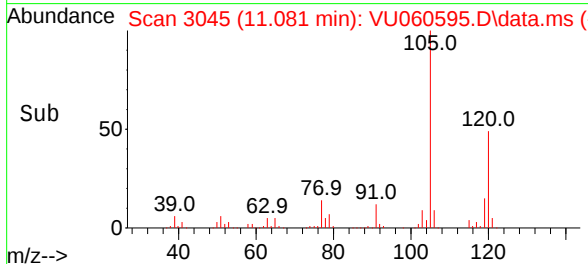
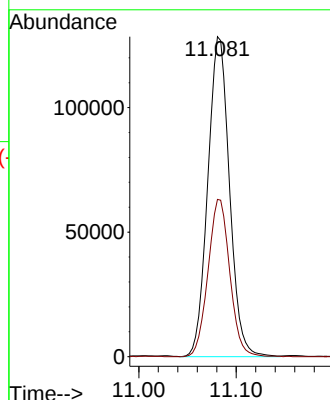
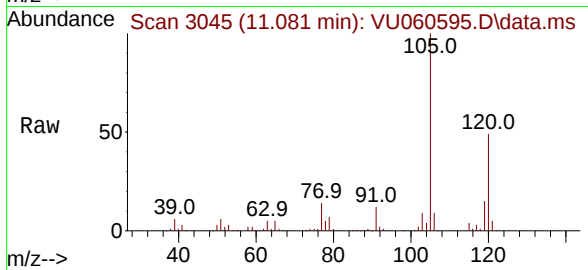




#62
1,3,5-Trimethylbenzene
Concen: 5.281 ug/L
RT: 11.081 min Scan# 3046
Delta R.T. -0.003 min
Lab File: VU060595.D
Acq: 04 Sep 2024 10:32

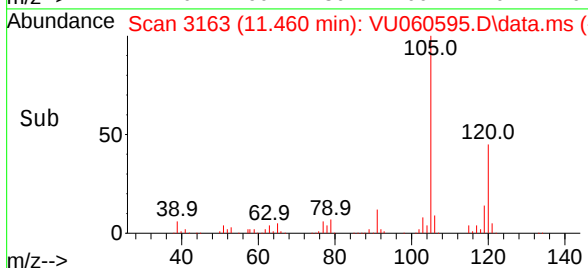
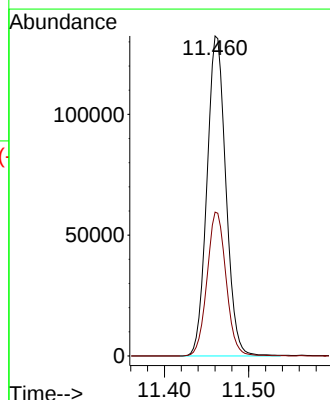
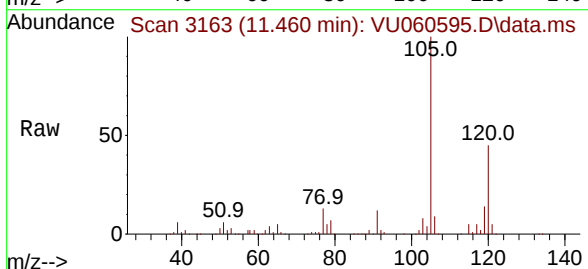
Instrument :
MSVOA_V
ClientSampleId :

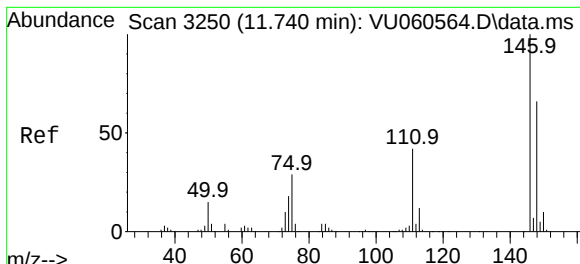
Tgt Ion:105 Resp: 198848
Ion Ratio Lower Upper
105 100
120 49.3 37.4 56.0



#63
1,2,4-Trimethylbenzene
Concen: 5.393 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. -0.003 min
Lab File: VU060595.D
Acq: 04 Sep 2024 10:32

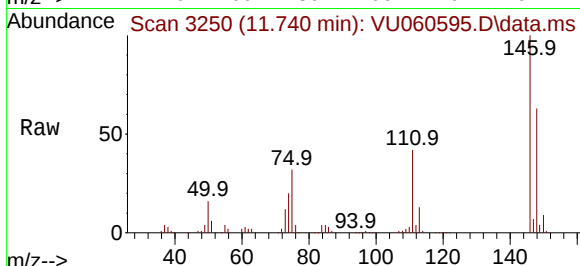
Tgt Ion:105 Resp: 207153
Ion Ratio Lower Upper
105 100
120 45.2 35.7 53.5



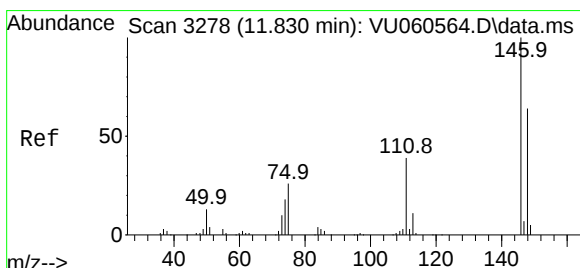
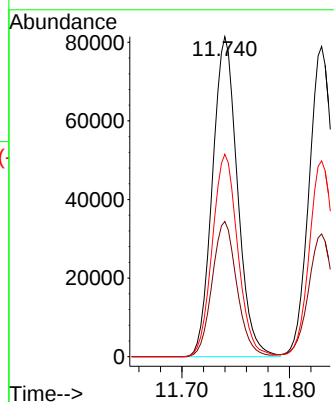
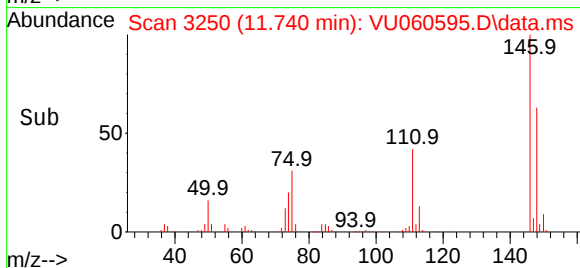


#64
1,3-Dichlorobenzene
Concen: 5.333 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. 0.000 min
Lab File: VU060595.D
Acq: 04 Sep 2024 10:32

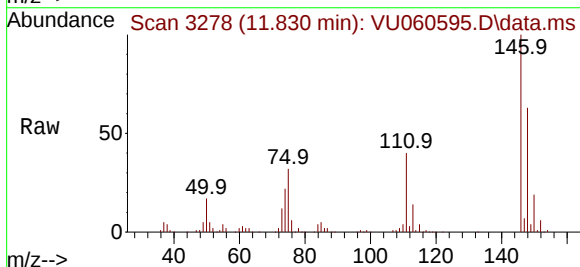
Instrument :
MSVOA_V
ClientSampleId :



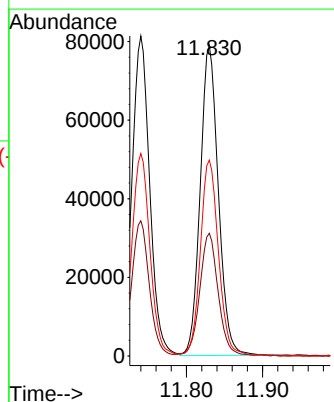
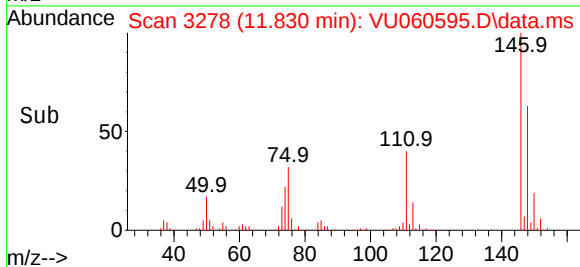
Tgt Ion:146 Resp: 131868
Ion Ratio Lower Upper
146 100
111 42.3 27.9 51.9
148 63.2 43.5 80.7

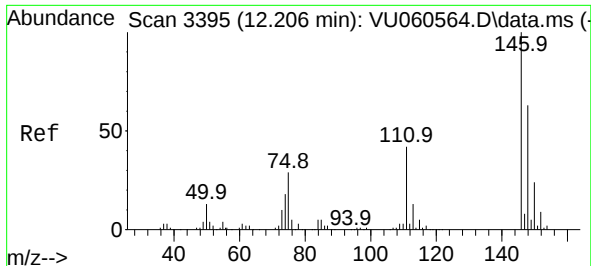


#65
1,4-Dichlorobenzene
Concen: 5.208 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU060595.D
Acq: 04 Sep 2024 10:32



Tgt Ion:146 Resp: 130660
Ion Ratio Lower Upper
146 100
111 39.5 27.2 50.4
148 63.1 43.6 81.0





#67

1,2-Dichlorobenzene

Concen: 5.109 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU060595.D

Acq: 04 Sep 2024 10:32

Instrument :

MSVOA_V

ClientSampleId :

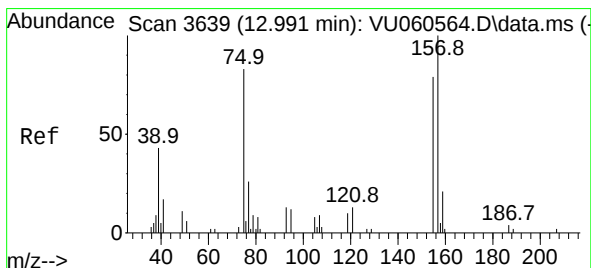
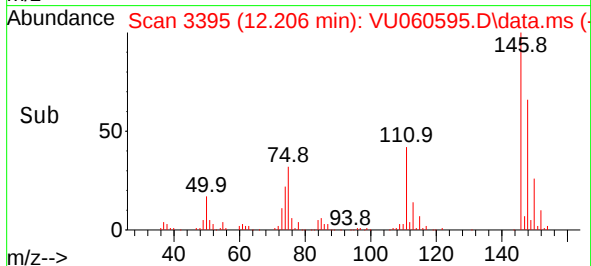
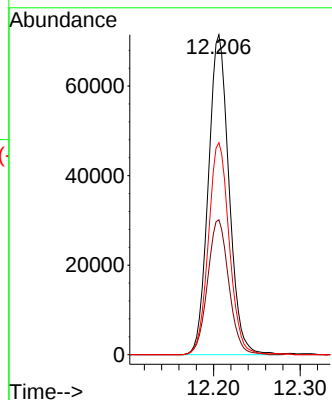
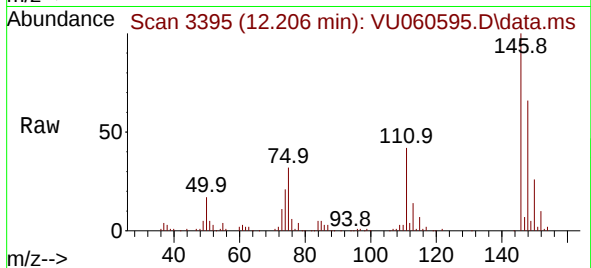
Tgt Ion:146 Resp: 118507

Ion Ratio Lower Upper

146 100

111 42.1 34.6 52.0

148 66.2 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 5.090 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.003 min

Lab File: VU060595.D

Acq: 04 Sep 2024 10:32

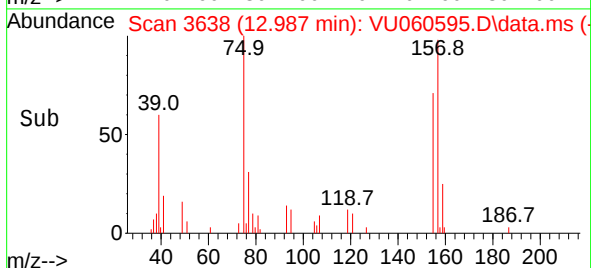
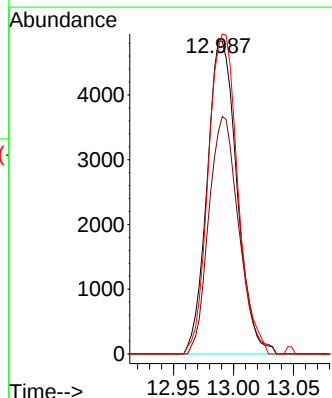
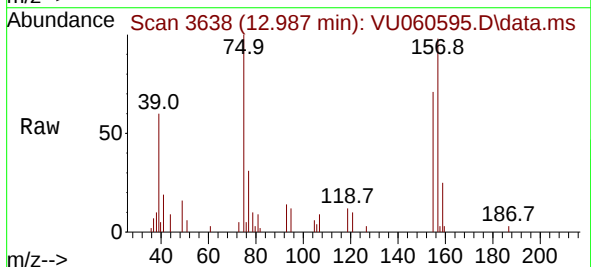
Tgt Ion: 75 Resp: 8381

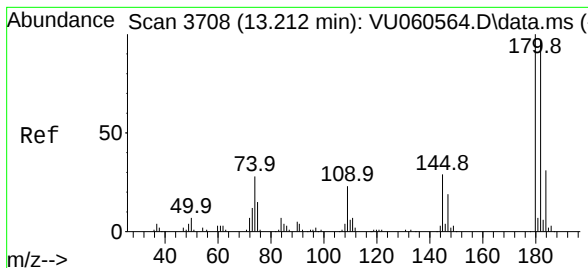
Ion Ratio Lower Upper

75 100

155 71.1 62.7 94.1

157 98.0 70.4 105.6





#69

1,3,5-Trichlorobenzene

Concen: 4.729 ug/L

RT: 13.212 min Scan# 3

Delta R.T. 0.000 min

Lab File: VU060595.D

Acq: 04 Sep 2024 10:32

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 90169

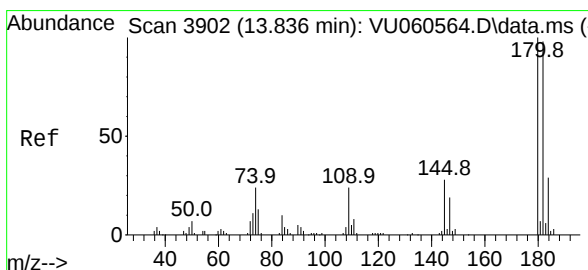
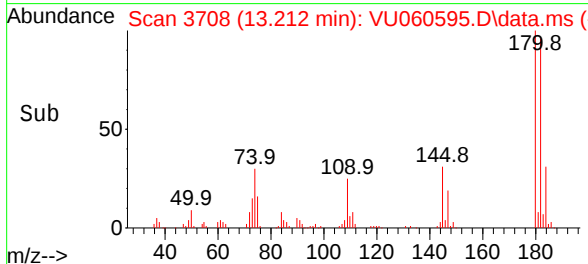
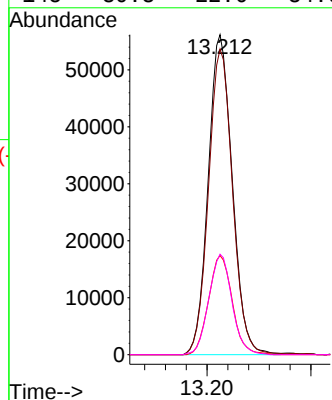
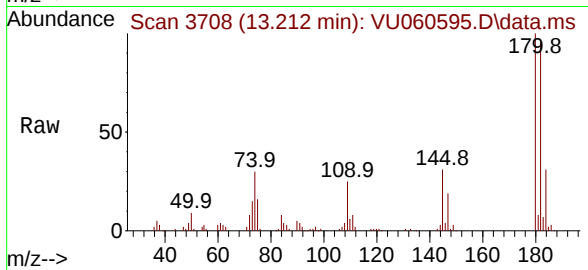
Ion Ratio Lower Upper

180 100

182 95.5 77.6 116.4

184 30.5 24.9 37.3

145 30.3 22.6 34.0



#70

1,2,4-trichlorobenzene

Concen: 4.143 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.003 min

Lab File: VU060595.D

Acq: 04 Sep 2024 10:32

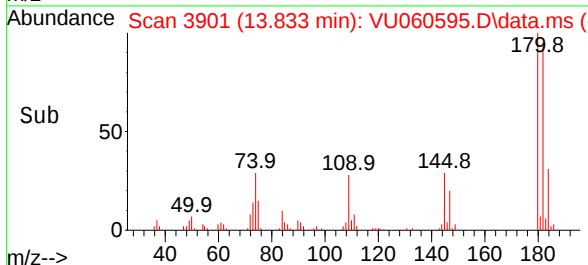
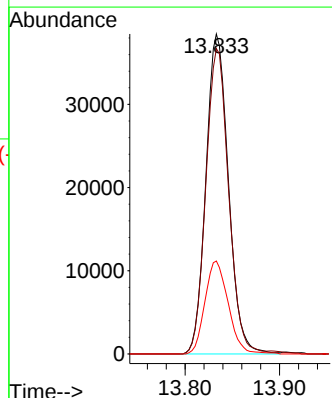
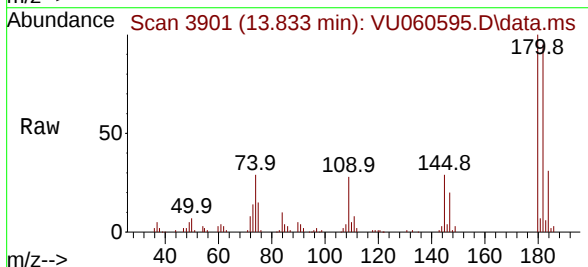
Tgt Ion:180 Resp: 63722

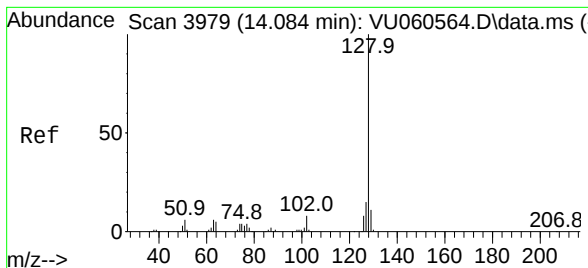
Ion Ratio Lower Upper

180 100

182 96.1 77.3 115.9

145 30.0 23.9 35.9





#71

Naphthalene

Concen: 4.056 ug/L

RT: 14.084 min Scan# 3979

Delta R.T. 0.000 min

Lab File: VU060595.D

Acq: 04 Sep 2024 10:32

Instrument :

MSVOA_V

ClientSampleId :

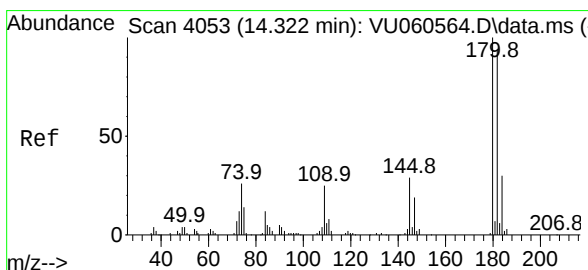
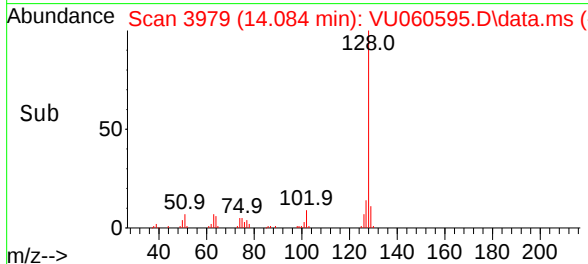
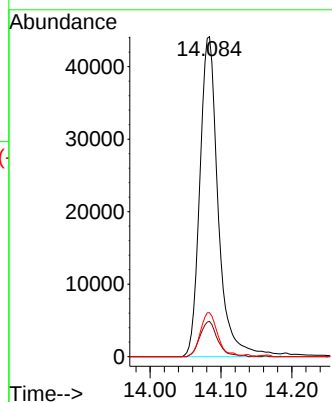
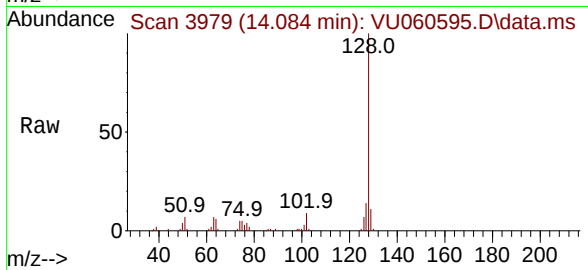
Tgt Ion:128 Resp: 79712

Ion Ratio Lower Upper

128 100

129 10.7 8.5 12.7

127 13.0 10.2 15.2



#72

1,2,3-Trichlorobenzene

Concen: 4.405 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. 0.000 min

Lab File: VU060595.D

Acq: 04 Sep 2024 10:32

Tgt Ion:180 Resp: 56702

Ion Ratio Lower Upper

180 100

182 94.3 76.0 114.0

145 30.2 24.3 36.5

