

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090524\
 Data File : VU060636.D
 Acq On : 05 Sep 2024 19:35
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 06 02:09:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 06 02:03:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	147731	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	147702	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	74753	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	30806	4.721	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.400%
7) Chloroethane-d5	1.911	69	30847	3.120	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	62.400%#
11) 1,1-Dichloroethene-d2	2.560	65	13955	3.629	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.600%
20) 2-Butanone-d5	4.634	46	95501	42.562	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.120%
24) Chloroform-d	5.055	84	78859	4.239	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
26) 1,2-Dichloroethane-d4	5.695	65	38510	3.967	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.400%
32) Benzene-d6	5.721	84	143021	4.428	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
36) 1,2-Dichloropropane-d6	6.682	67	46018	4.416	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.400%
41) Toluene-d8	7.891	98	131379	4.336	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
43) trans-1,3-Dichloroprop...	8.174	79	15742	4.222	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.400%
46) 2-Hexanone-d5	8.627	63	73658	41.256	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.520%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	38572	4.160	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	48297	4.382	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	78369	4.675	ug/L	100
3) Chloromethane	1.518	50	86228	5.936	ug/L	98
5) Vinyl chloride	1.602	62	88405	6.181	ug/L	99
6) Bromomethane	1.856	94	49674	3.451	ug/L	98
8) Chloroethane	1.930	64	50936	3.903	ug/L	99
9) Trichlorofluoromethane	2.136	101	116980	3.762	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	59265	4.505	ug/L	98
12) 1,1-Dichloroethene	2.573	96	57195	4.724	ug/L	94
13) Acetone	2.650	43	86910	46.289	ug/L	93
14) Carbon disulfide	2.788	76	183014	4.658	ug/L	99
15) Methyl Acetate	2.959	43	23888	6.222	ug/L	98
16) Methylene chloride	3.039	84	68334	5.810	ug/L	93
17) Methyl tert-butyl Ether	3.357	73	142463	5.798	ug/L	97
18) trans-1,2-Dichloroethene	3.348	96	58809	5.579	ug/L	98
19) 1,1-Dichloroethane	3.862	63	120077	5.621	ug/L	96
21) 2-Butanone	4.711	43	153370	59.732	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	65588	5.584	ug/L	96
23) Bromochloromethane	4.965	128	31049	5.817	ug/L	96
25) Chloroform	5.081	83	122445	5.416	ug/L	100

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 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 06 02:09:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 06 02:03:06 2024
 Response via : Initial Calibration

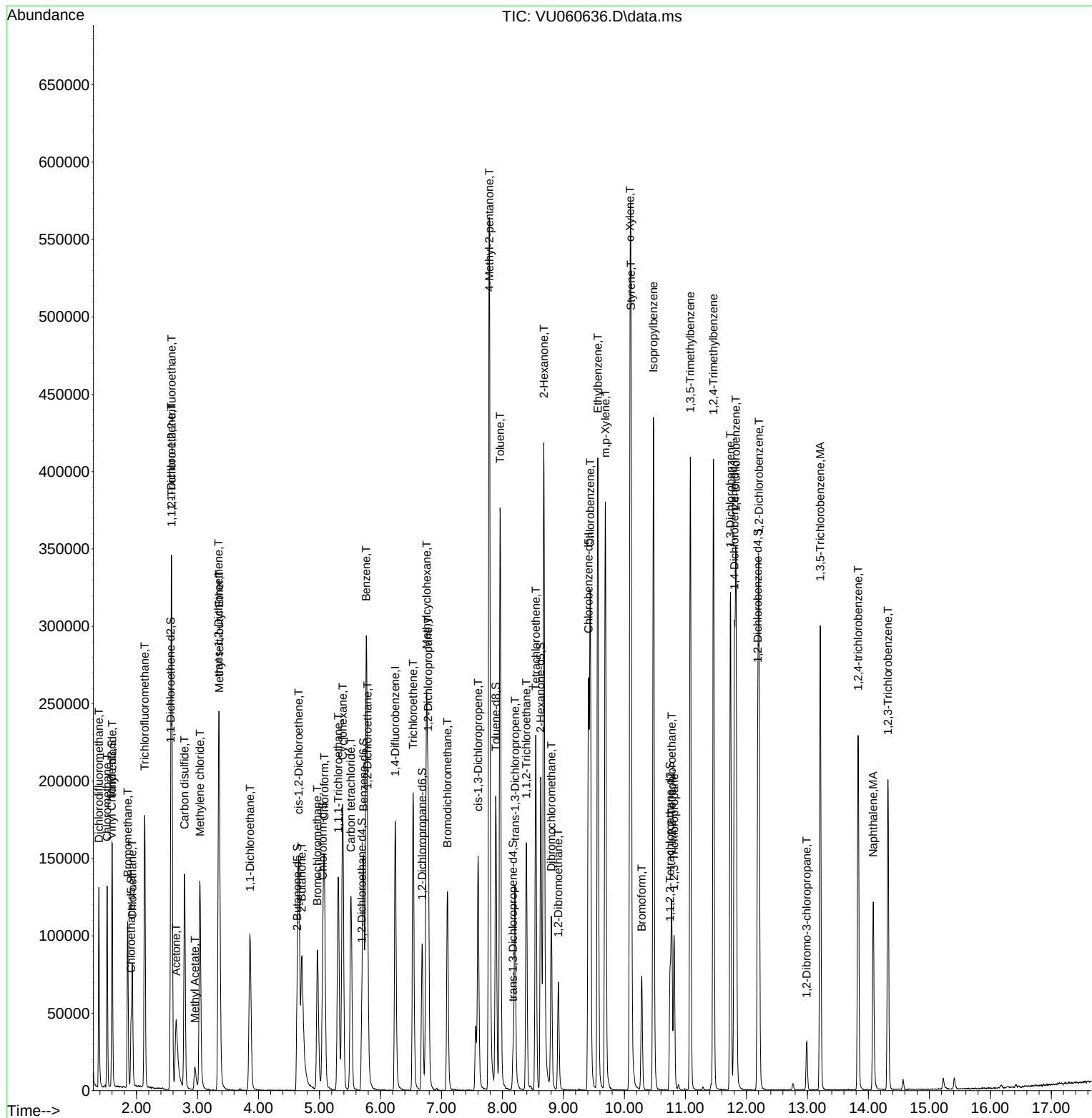
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	75088	4.949	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	102282	5.056	ug/L	98
30) Cyclohexane	5.380	56	91529	5.465	ug/L	99
31) Carbon tetrachloride	5.515	117	91590	4.899	ug/L	99
33) Benzene	5.766	78	260214	5.555	ug/L	100
34) Trichloroethene	6.537	95	67736	5.334	ug/L	97
35) Methylcyclohexane	6.756	83	94745	5.438	ug/L	96
37) 1,2-Dichloropropane	6.782	63	71638	5.968	ug/L #	98
38) Bromodichloromethane	7.097	83	87803	5.567	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	94968	5.396	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	376989	60.303	ug/L	98
42) Toluene	7.962	91	284541	5.748	ug/L	97
44) trans-1,3-Dichloropropene	8.206	75	82715	5.725	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	50287	5.783	ug/L	97
47) Tetrachloroethene	8.547	164	52535	5.048	ug/L	98
48) 2-Hexanone	8.679	43	275678	58.923	ug/L	98
49) Dibromochloromethane	8.801	129	58876	5.848	ug/L	97
50) 1,2-Dibromoethane	8.917	107	47057	5.895	ug/L #	96
51) Chlorobenzene	9.441	112	175407	5.473	ug/L	98
52) Ethylbenzene	9.563	91	289017	5.509	ug/L	100
53) m,p-Xylene	9.688	106	108953	5.586	ug/L	93
54) o-Xylene	10.093	106	108772	5.448	ug/L	98
55) Styrene	10.110	104	187086	5.719	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	61239	5.516	ug/L	94
59) Bromoform	10.283	173	33967	5.529	ug/L	97
60) Isopropylbenzene	10.476	105	286154	5.730	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	44448	6.164	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	221846	5.960	ug/L	97
63) 1,2,4-Trimethylbenzene	11.460	105	223207	5.879	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	138358	5.661	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	134374	5.418	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	128621	5.609	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.987	75	9342	5.740	ug/L	97
69) 1,3,5-Trichlorobenzene	13.212	180	96928	5.143	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	71736	4.718	ug/L	99
71) Naphthalene	14.080	128	102179	5.260	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	65020	5.110	ug/L	98

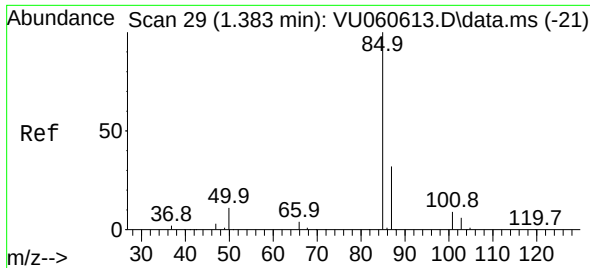
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VU060636.D
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ALS Vial : 26 Sample Multiplier: 1

Instrument :
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 06 02:03:06 2024
Response via : Initial Calibration

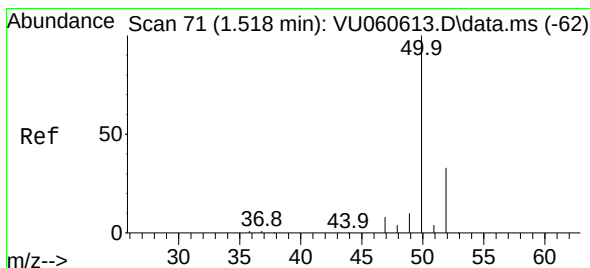
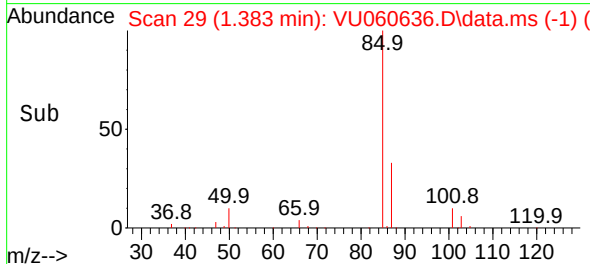
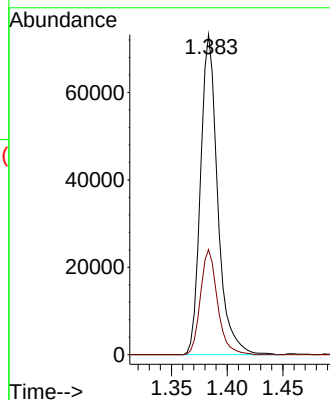
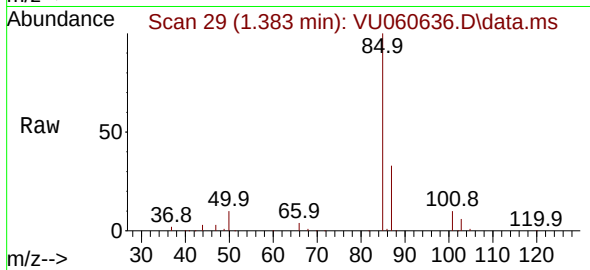




#2
Dichlorodifluoromethane
Concen: 4.675 ug/L
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU060636.D
Acq: 05 Sep 2024 19:35

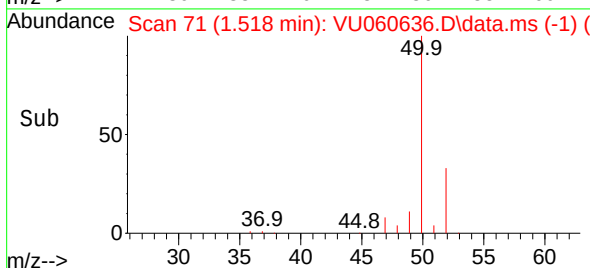
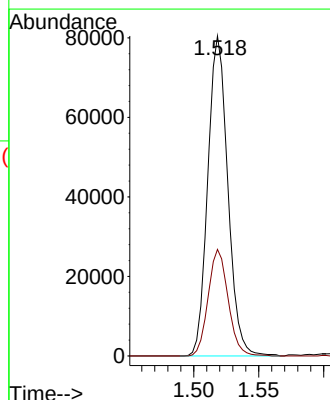
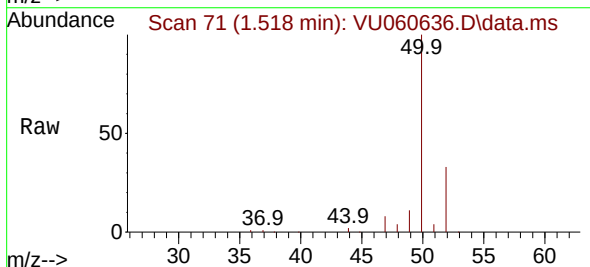
Instrument : MSVOA_U
ClientSampleId :

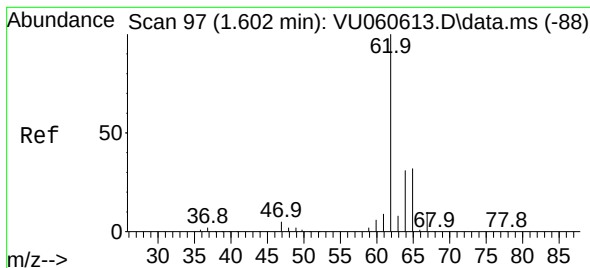
Tgt Ion: 85 Resp: 78369
Ion Ratio Lower Upper
85 100
87 32.6 26.2 39.4



#3
Chloromethane
Concen: 5.936 ug/L
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU060636.D
Acq: 05 Sep 2024 19:35

Tgt Ion: 50 Resp: 86228
Ion Ratio Lower Upper
50 100
52 33.3 22.7 42.1





#5

Vinyl chloride

Concen: 6.181 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU060636.D

Acq: 05 Sep 2024 19:35

Instrument :

MSVOA_U

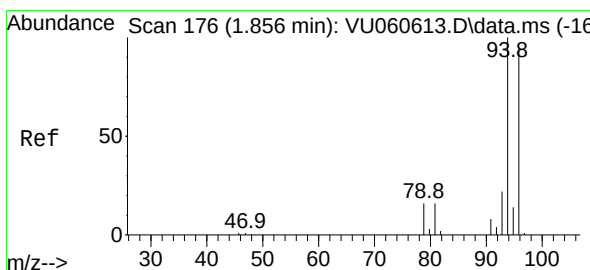
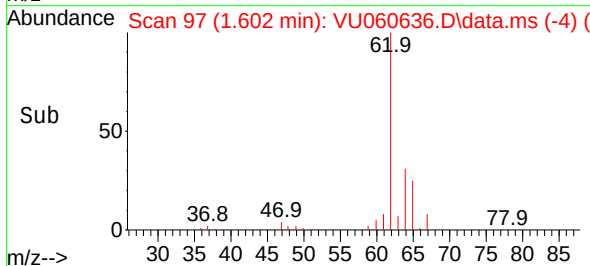
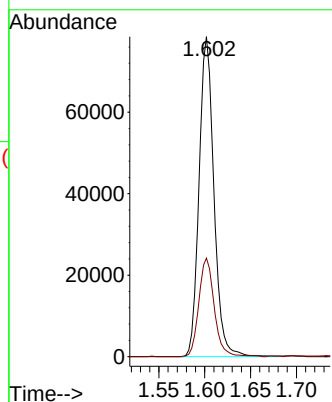
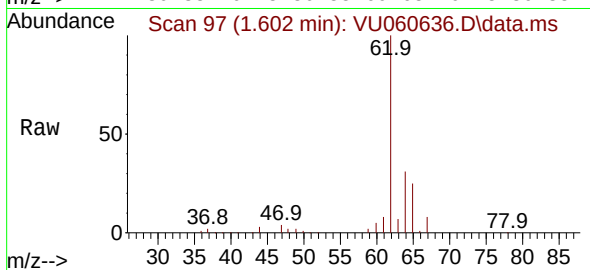
ClientSampleId :

Tgt Ion: 62 Resp: 88405

Ion Ratio Lower Upper

62 100

64 30.8 22.0 40.8



#6

Bromomethane

Concen: 3.451 ug/L

RT: 1.856 min Scan# 176

Delta R.T. -0.000 min

Lab File: VU060636.D

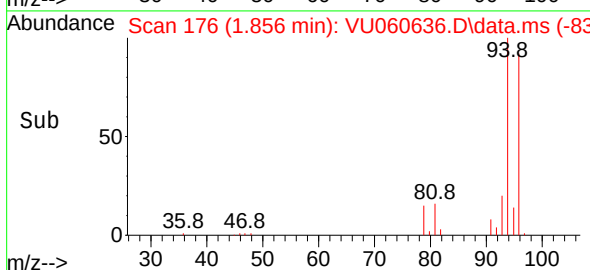
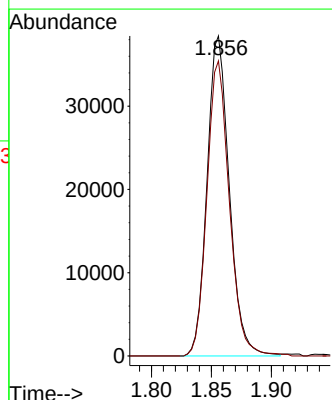
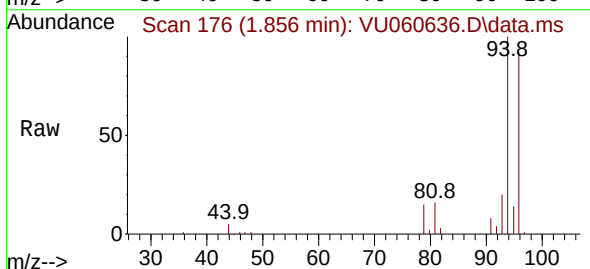
Acq: 05 Sep 2024 19:35

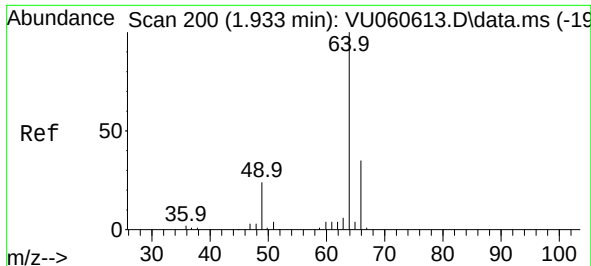
Tgt Ion: 94 Resp: 49674

Ion Ratio Lower Upper

94 100

96 92.2 63.3 117.5

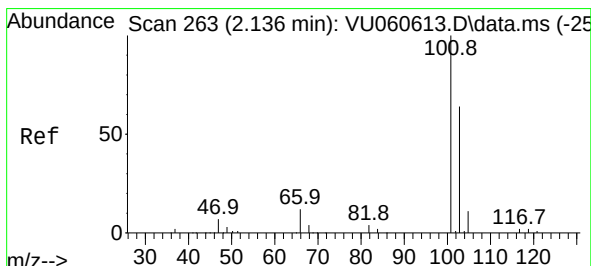
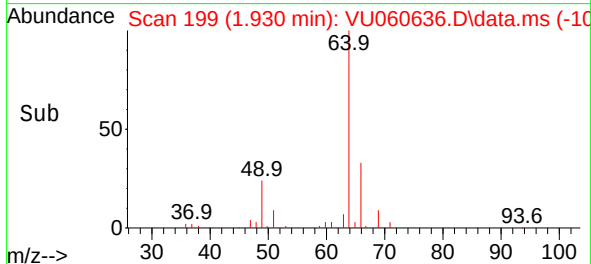
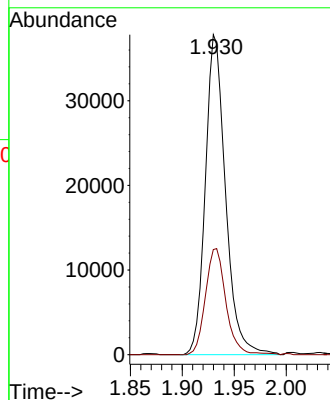
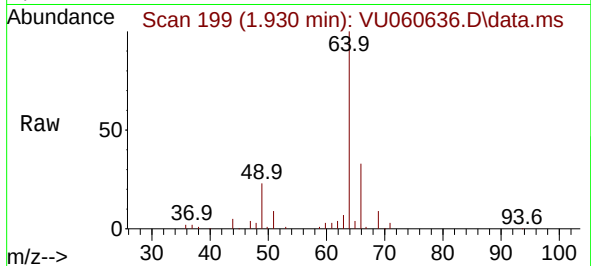




#8
Chloroethane
Concen: 3.903 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.003 min
Lab File: VU060636.D
Acq: 05 Sep 2024 19:35

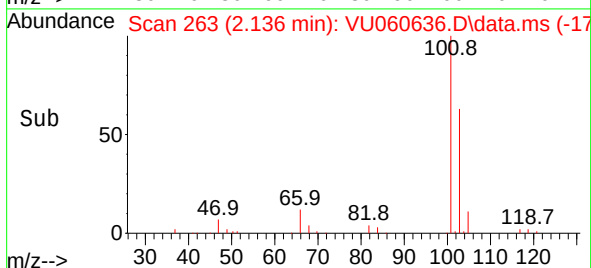
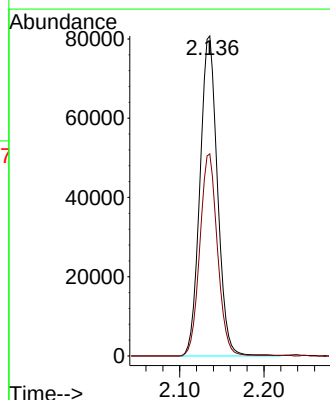
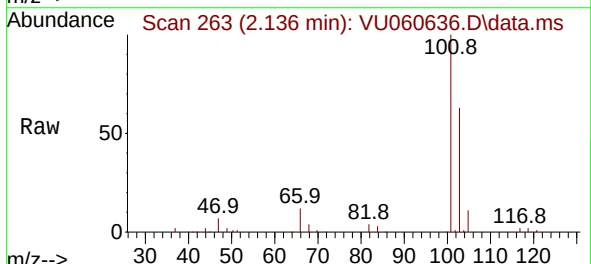
Instrument :
MSVOA_U
ClientSampleId :

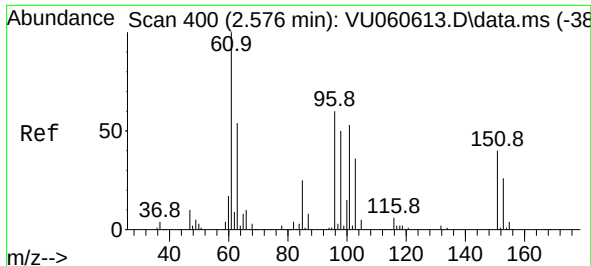
Tgt Ion: 64 Resp: 50936
Ion Ratio Lower Upper
64 100
66 32.9 22.5 41.9



#9
Trichlorofluoromethane
Concen: 3.762 ug/L
RT: 2.136 min Scan# 263
Delta R.T. -0.000 min
Lab File: VU060636.D
Acq: 05 Sep 2024 19:35

Tgt Ion:101 Resp: 116980
Ion Ratio Lower Upper
101 100
103 63.5 51.4 77.2

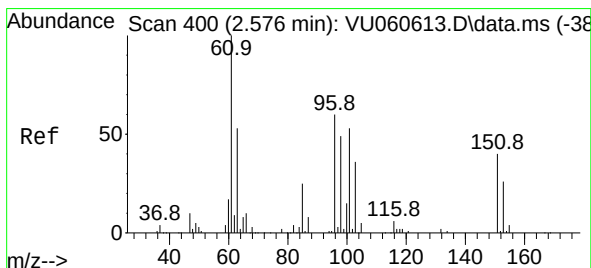
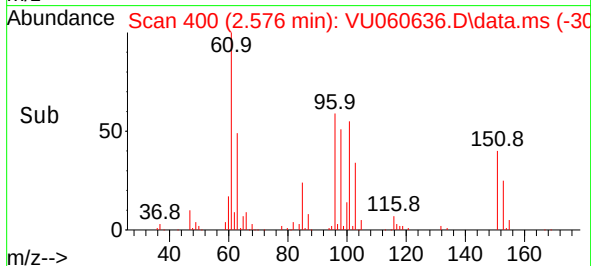
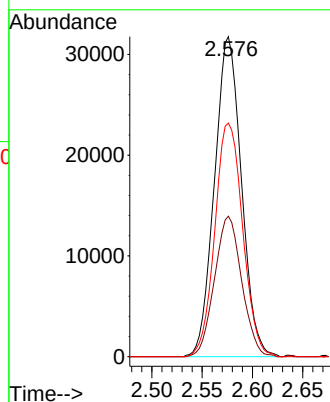
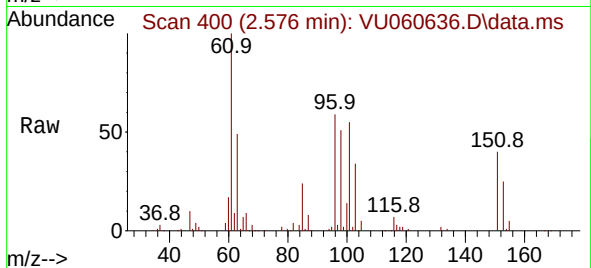




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.505 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU060636.D
 Acq: 05 Sep 2024 19:35

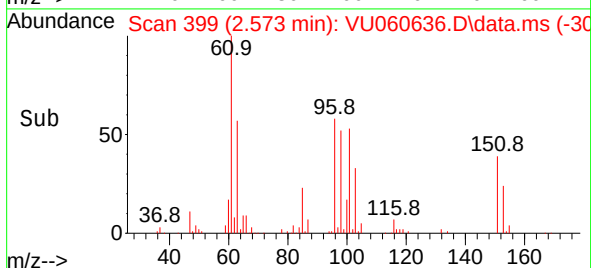
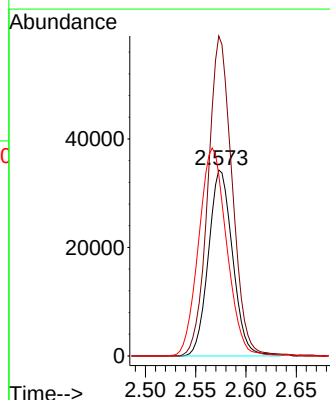
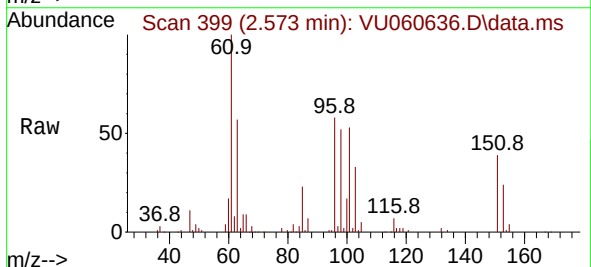
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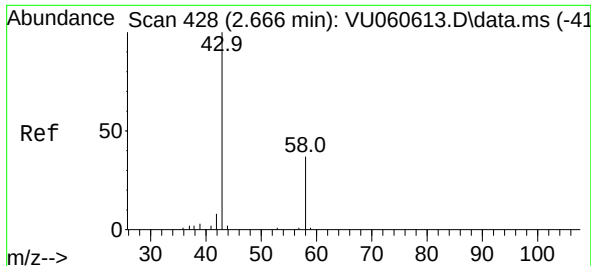
Tgt Ion:101 Resp: 59265
 Ion Ratio Lower Upper
 101 100
 85 44.2 35.8 53.6
 151 75.3 61.7 92.5



#12
 1,1-Dichloroethene
 Concen: 4.724 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.003 min
 Lab File: VU060636.D
 Acq: 05 Sep 2024 19:35

Tgt Ion: 96 Resp: 57195
 Ion Ratio Lower Upper
 96 100
 61 172.1 116.4 216.2
 63 97.5 74.8 139.0





#13

Acetone

Concen: 46.289 ug/L

RT: 2.650 min Scan# 41

Delta R.T. -0.016 min

Lab File: VU060636.D

Acq: 05 Sep 2024 19:35

Instrument :

MSVOA_U

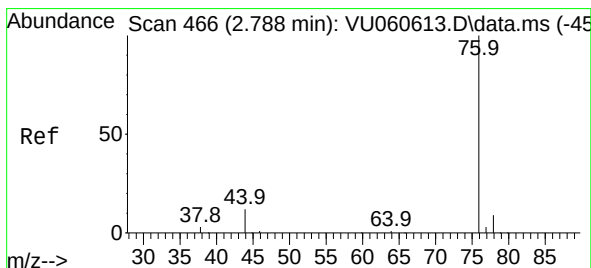
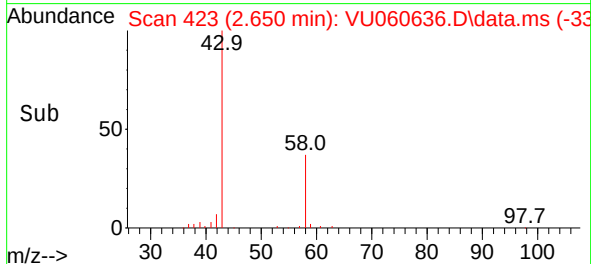
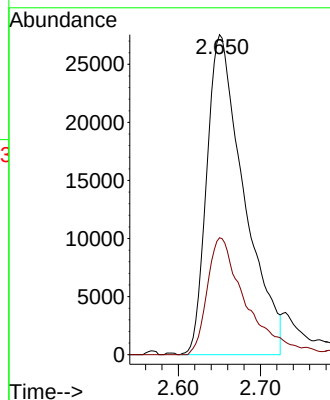
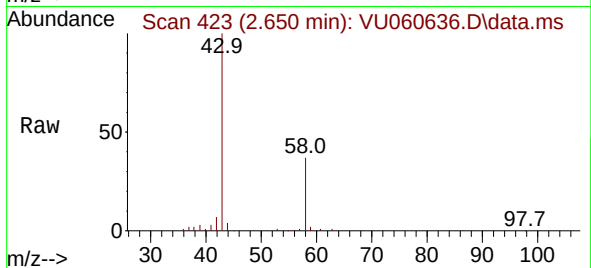
ClientSampleId :

Tgt Ion: 43 Resp: 86910

Ion Ratio Lower Upper

43 100

58 37.4 0.0 66.8



#14

Carbon disulfide

Concen: 4.658 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU060636.D

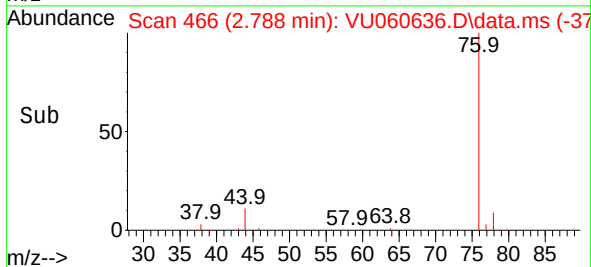
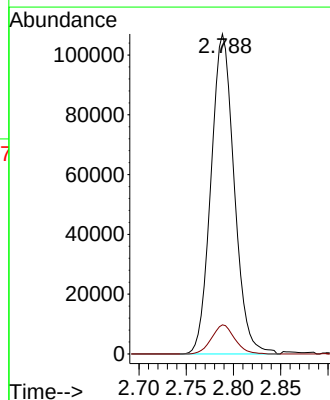
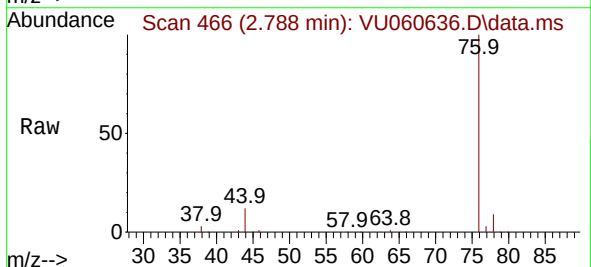
Acq: 05 Sep 2024 19:35

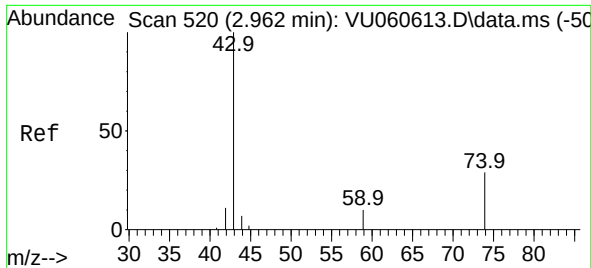
Tgt Ion: 76 Resp: 183014

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2





#15

Methyl Acetate

Concen: 6.222 ug/L

RT: 2.959 min Scan# 519

Delta R.T. -0.003 min

Lab File: VU060636.D

Acq: 05 Sep 2024 19:35

Instrument :

MSVOA_U

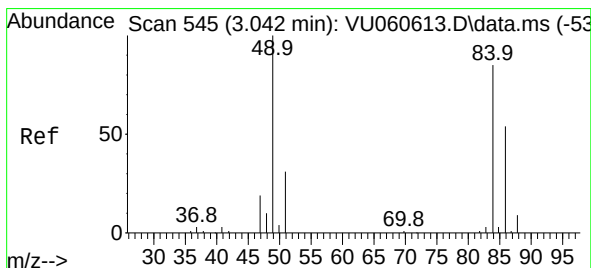
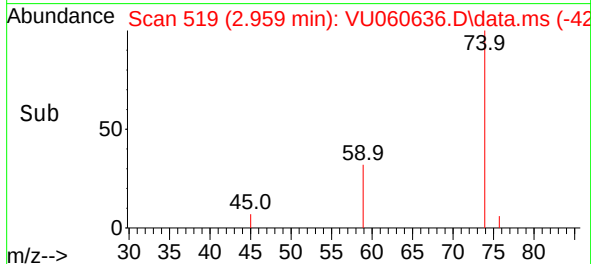
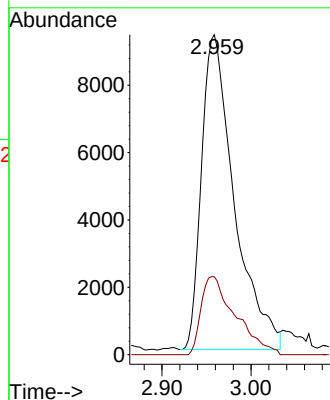
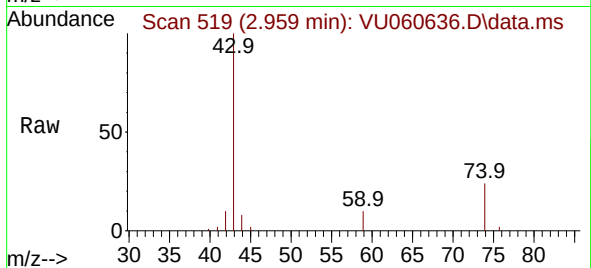
ClientSampleId :

Tgt Ion: 43 Resp: 23888

Ion Ratio Lower Upper

43 100

74 26.0 21.4 32.2



#16

Methylene chloride

Concen: 5.810 ug/L

RT: 3.039 min Scan# 544

Delta R.T. -0.003 min

Lab File: VU060636.D

Acq: 05 Sep 2024 19:35

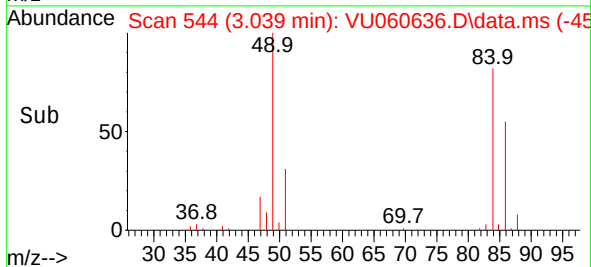
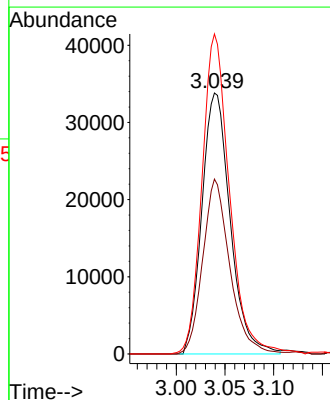
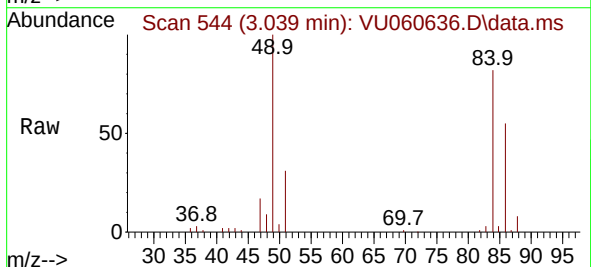
Tgt Ion: 84 Resp: 68334

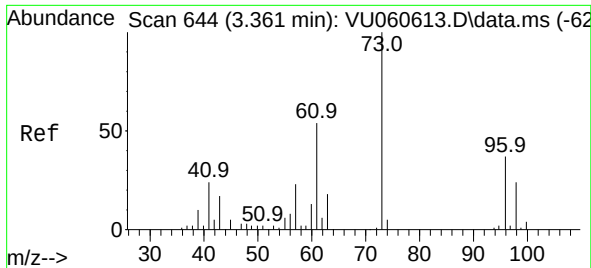
Ion Ratio Lower Upper

84 100

86 67.0 47.5 88.3

49 122.6 94.4 175.2

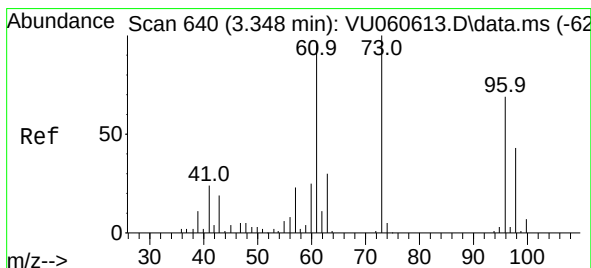
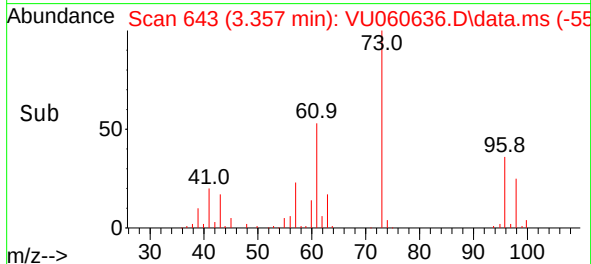
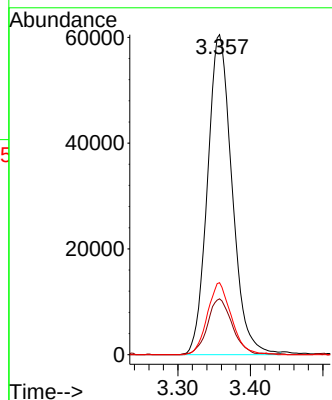
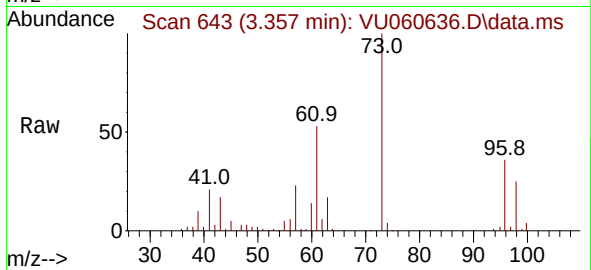




#17
Methyl tert-butyl Ether
Concen: 5.798 ug/L
RT: 3.357 min Scan# 644
Delta R.T. -0.003 min
Lab File: VU060636.D
Acq: 05 Sep 2024 19:35

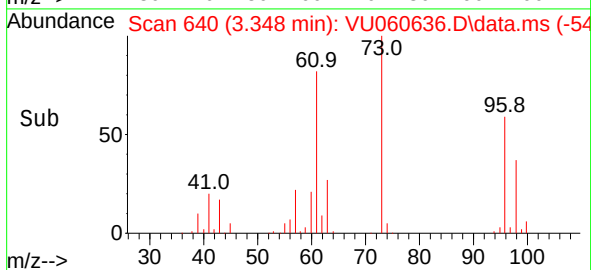
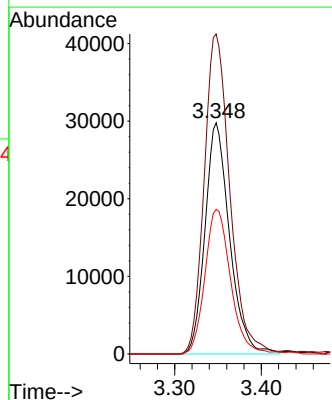
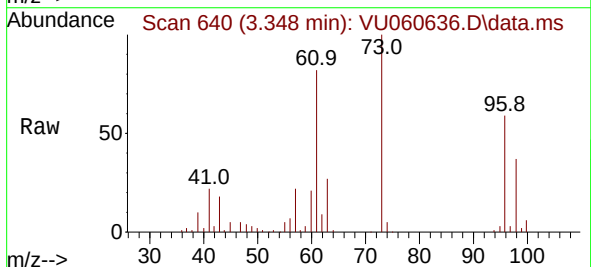
Instrument :
MSVOA_U
ClientSampleId :

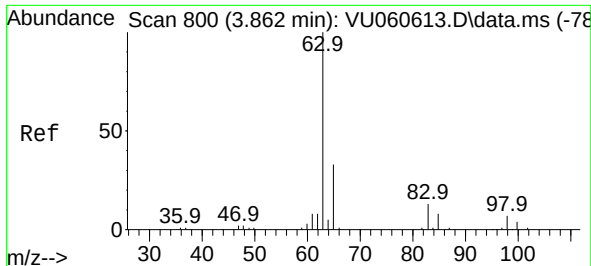
Tgt Ion: 73 Resp: 142463
Ion Ratio Lower Upper
73 100
43 17.6 15.8 23.6
57 21.9 16.8 25.2



#18
trans-1,2-Dichloroethene
Concen: 5.579 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU060636.D
Acq: 05 Sep 2024 19:35

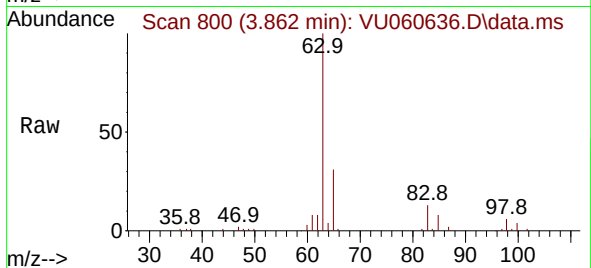
Tgt Ion: 96 Resp: 58809
Ion Ratio Lower Upper
96 100
61 138.4 99.2 184.2
98 62.6 44.0 81.8



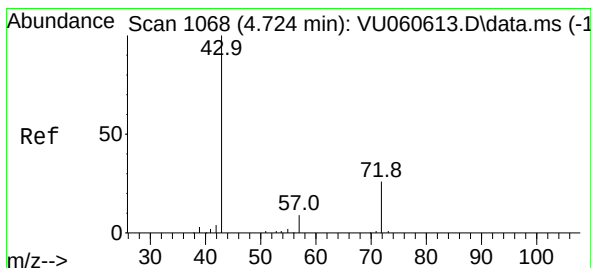
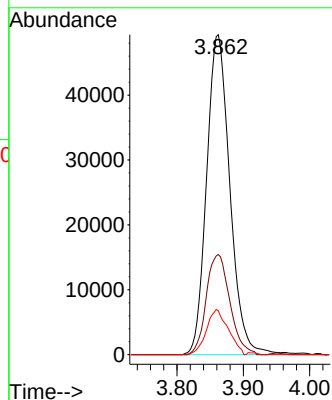
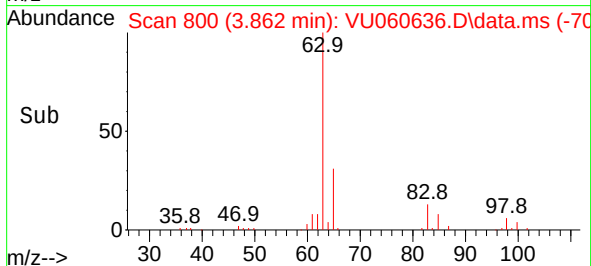


#19
1,1-Dichloroethane
Concen: 5.621 ug/L
RT: 3.862 min Scan# 800
Delta R.T. -0.000 min
Lab File: VU060636.D
Acq: 05 Sep 2024 19:35

Instrument :
MSVOA_U
ClientSampleId :

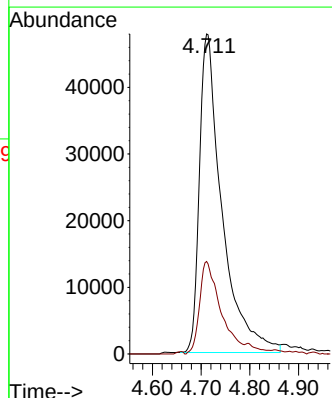
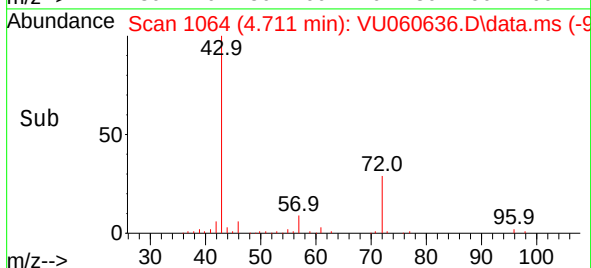
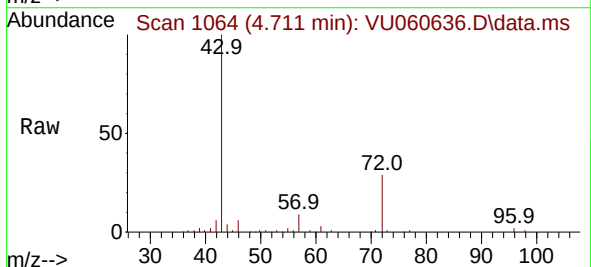


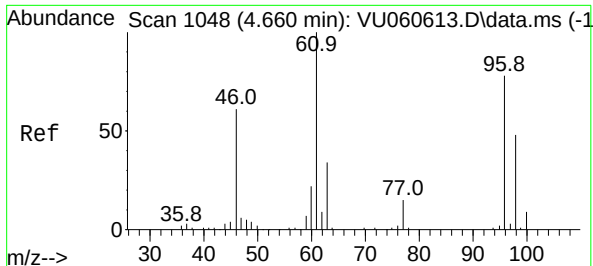
Tgt Ion: 63 Resp: 120077
Ion Ratio Lower Upper
63 100
65 32.2 20.5 38.1
83 13.7 9.2 17.2



#21
2-Butanone
Concen: 59.732 ug/L
RT: 4.711 min Scan# 1064
Delta R.T. -0.013 min
Lab File: VU060636.D
Acq: 05 Sep 2024 19:35

Tgt Ion: 43 Resp: 153370
Ion Ratio Lower Upper
43 100
72 27.0 14.0 42.0

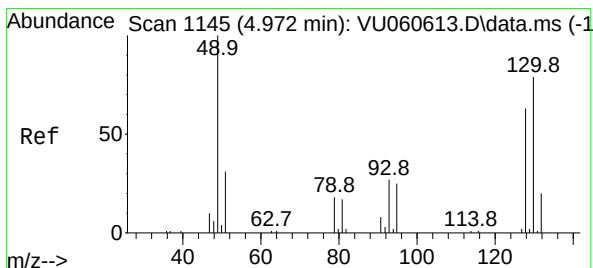
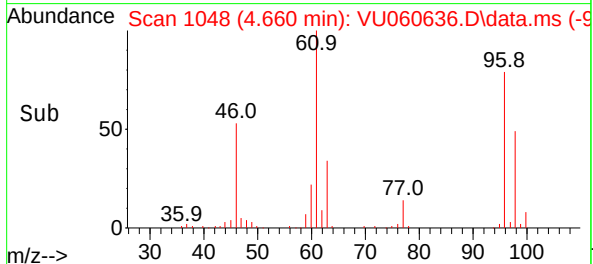
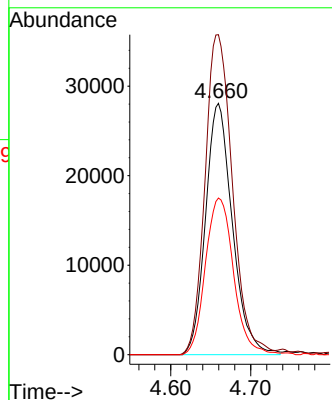
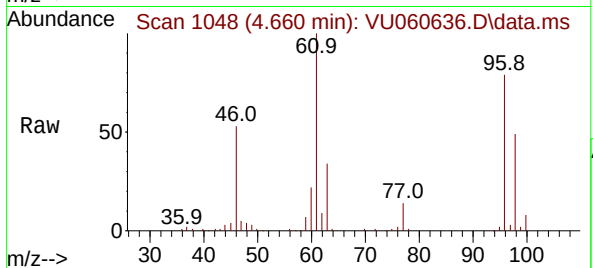




#22
cis-1,2-Dichloroethene
Concen: 5.584 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. -0.000 min
Lab File: VU060636.D
Acq: 05 Sep 2024 19:35

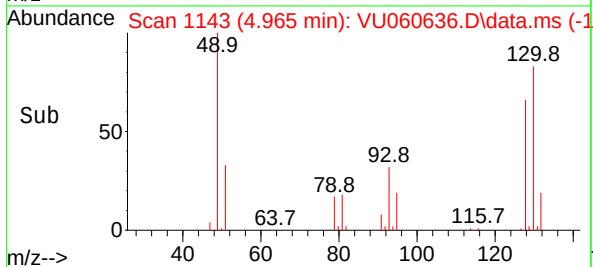
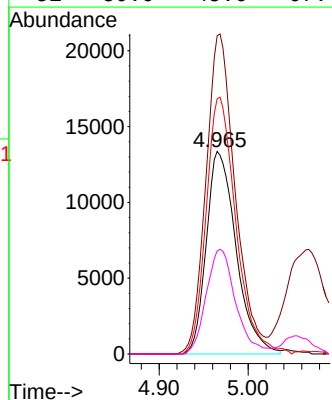
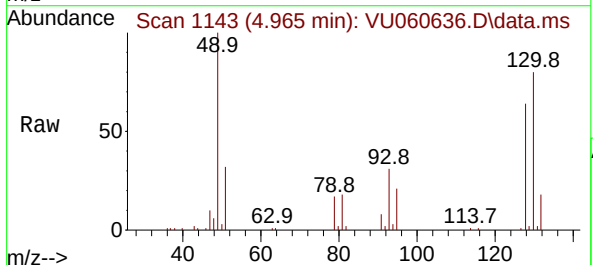
Instrument :
MSVOA_U
ClientSampleId :

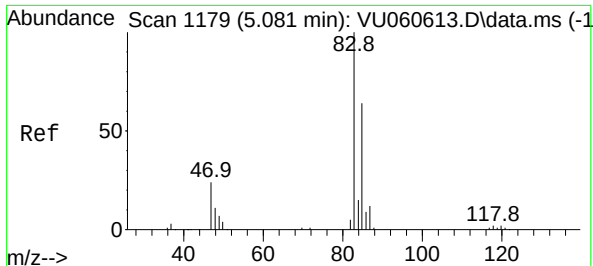
Tgt Ion: 96 Resp: 65588
Ion Ratio Lower Upper
96 100
61 127.3 92.9 172.5
98 62.3 45.0 83.6



#23
Bromochloromethane
Concen: 5.817 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. -0.007 min
Lab File: VU060636.D
Acq: 05 Sep 2024 19:35

Tgt Ion:128 Resp: 31049
Ion Ratio Lower Upper
128 100
49 157.2 108.1 200.7
130 126.0 93.1 172.9
51 50.9 45.0 67.4

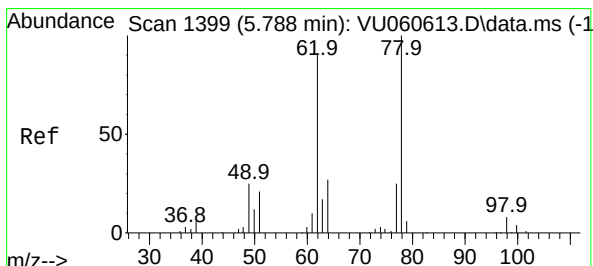
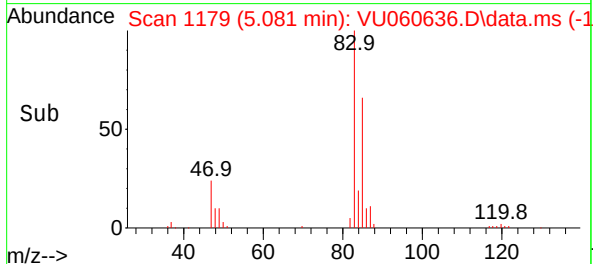
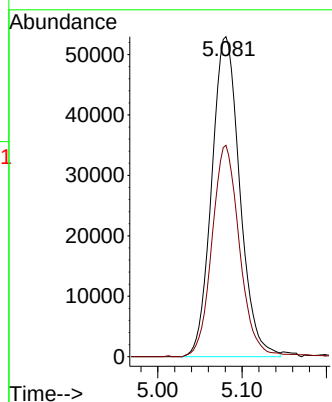
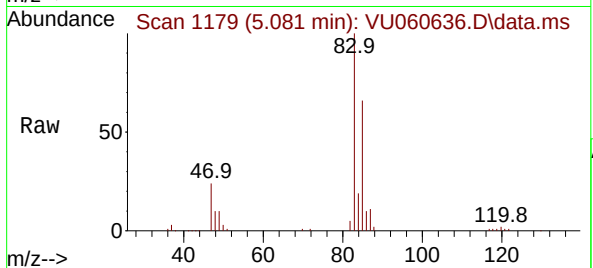




#25
Chloroform
Concen: 5.416 ug/L
RT: 5.081 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VU060636.D
Acq: 05 Sep 2024 19:35

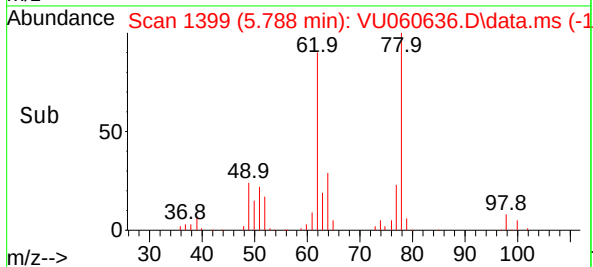
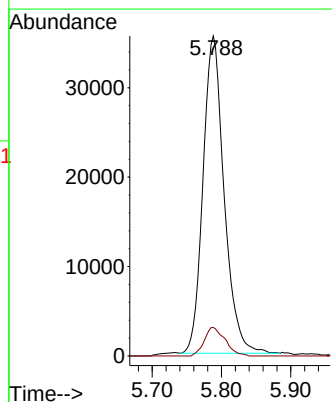
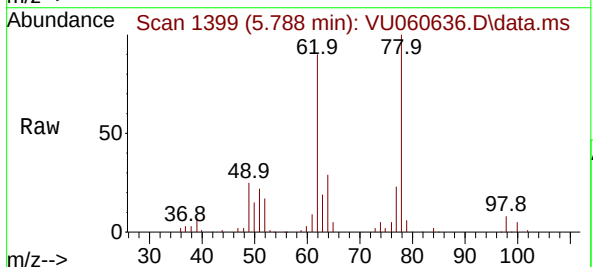
Instrument :
MSVOA_U
ClientSampleId :

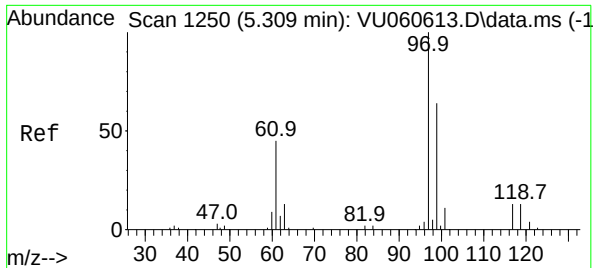
Tgt Ion: 83 Resp: 122445
Ion Ratio Lower Upper
83 100
85 66.0 46.4 86.2



#27
1,2-Dichloroethane
Concen: 4.949 ug/L
RT: 5.788 min Scan# 1399
Delta R.T. -0.000 min
Lab File: VU060636.D
Acq: 05 Sep 2024 19:35

Tgt Ion: 62 Resp: 75088
Ion Ratio Lower Upper
62 100
98 8.9 7.0 10.4

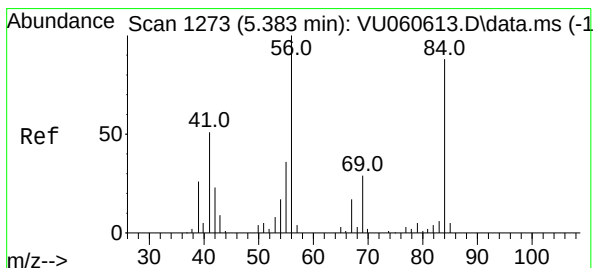
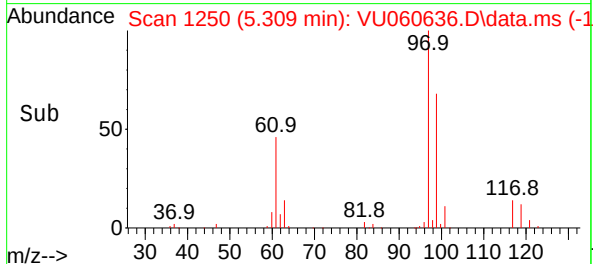
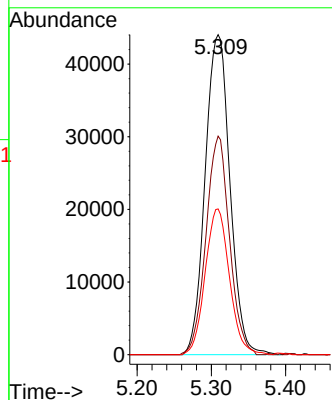
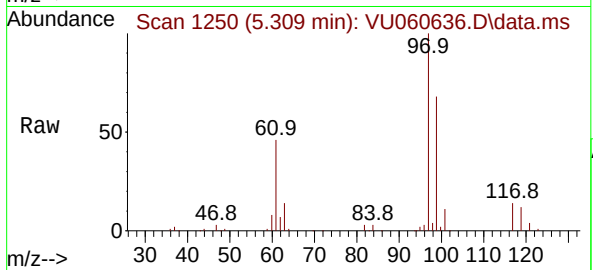




#29
1,1,1-Trichloroethane
Concen: 5.056 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. -0.000 min
Lab File: VU060636.D
Acq: 05 Sep 2024 19:35

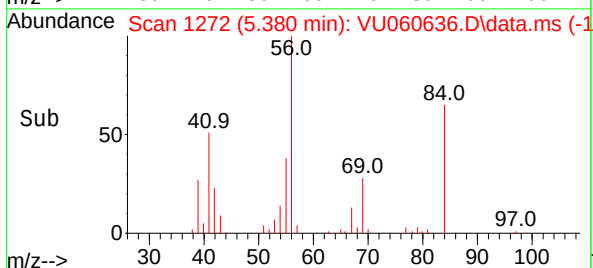
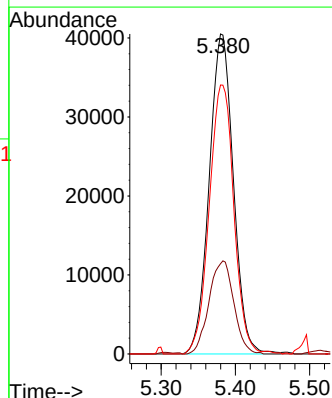
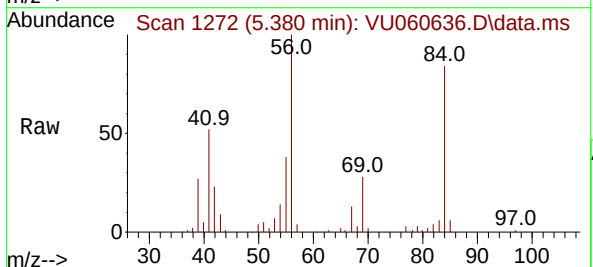
Instrument :
MSVOA_U
ClientSampleId :

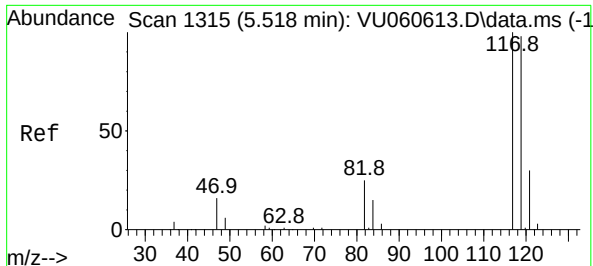
Tgt Ion: 97 Resp: 102282
Ion Ratio Lower Upper
97 100
99 64.8 49.7 74.5
61 44.6 35.4 53.2



#30
Cyclohexane
Concen: 5.465 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.003 min
Lab File: VU060636.D
Acq: 05 Sep 2024 19:35

Tgt Ion: 56 Resp: 91529
Ion Ratio Lower Upper
56 100
69 29.9 24.2 36.2
84 85.6 69.7 104.5

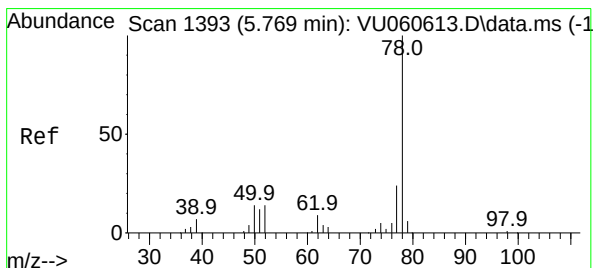
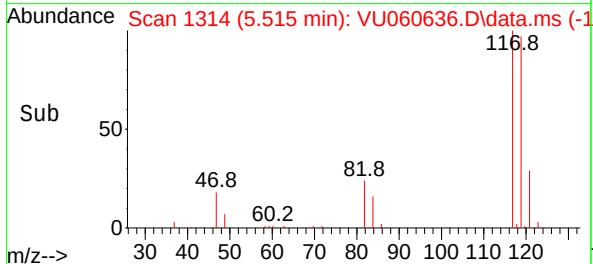
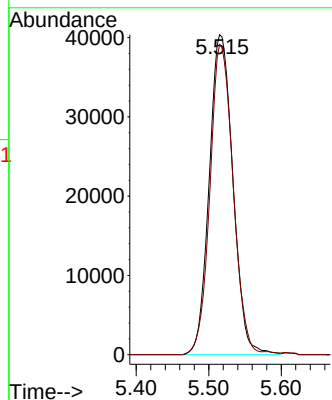
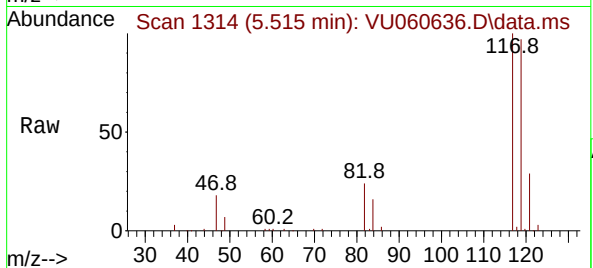




#31
Carbon tetrachloride
Concen: 4.899 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.003 min
Lab File: VU060636.D
Acq: 05 Sep 2024 19:35

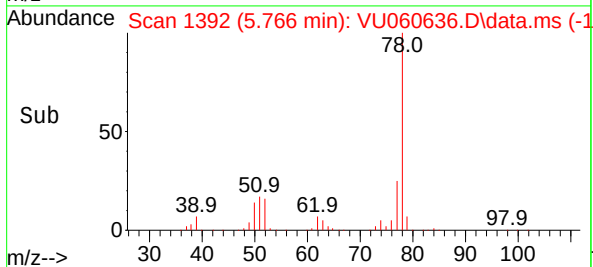
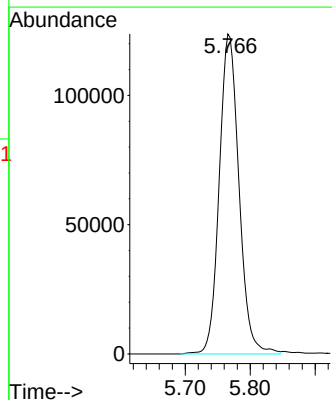
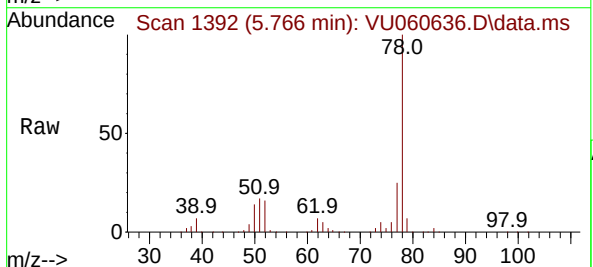
Instrument :
MSVOA_U
ClientSampleId :

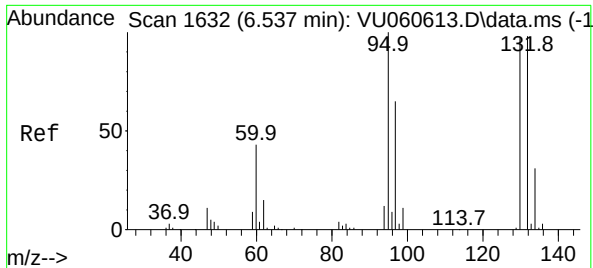
Tgt Ion:117 Resp: 91590
Ion Ratio Lower Upper
117 100
119 94.6 76.4 114.6



#33
Benzene
Concen: 5.555 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.003 min
Lab File: VU060636.D
Acq: 05 Sep 2024 19:35

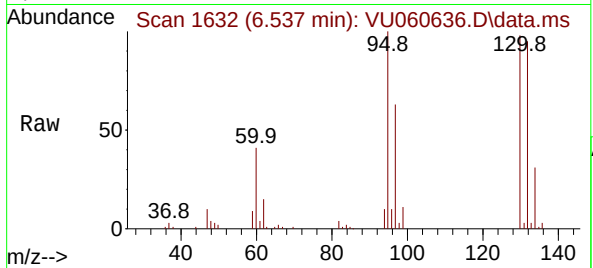
Tgt Ion: 78 Resp: 260214



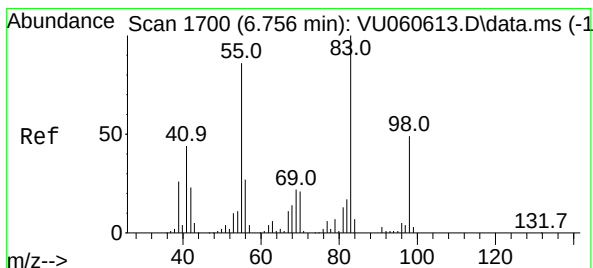
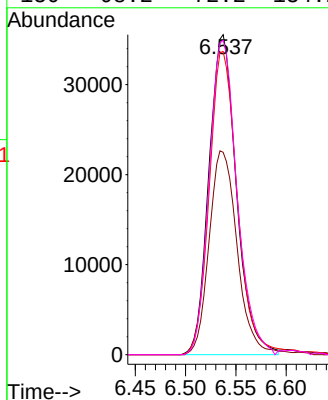
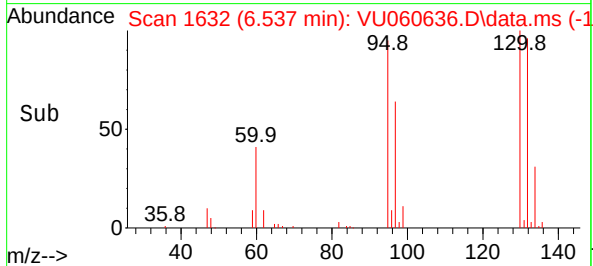


#34
Trichloroethene
Concen: 5.334 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU060636.D
Acq: 05 Sep 2024 19:35

Instrument :
MSVOA_U
ClientSampleId :

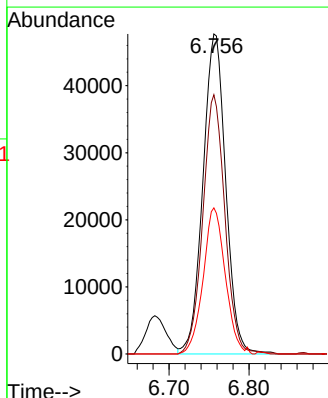
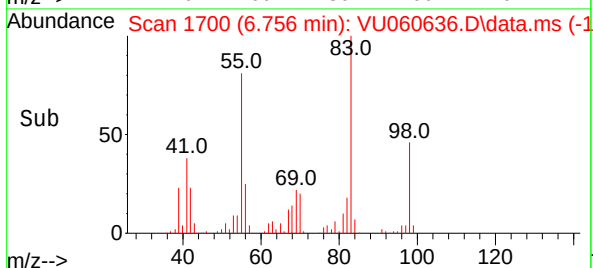
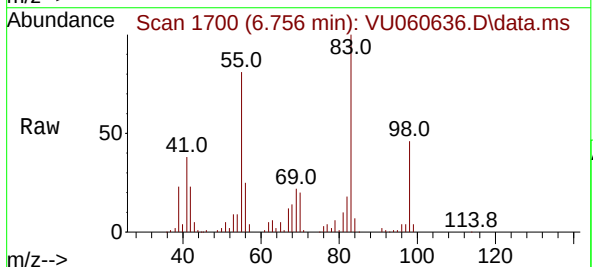


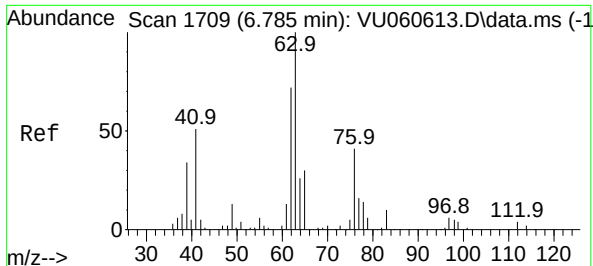
Tgt Ion: 95 Resp: 67736
Ion Ratio Lower Upper
95 100
97 63.3 45.8 85.2
132 94.8 67.4 125.2
130 98.2 72.2 134.2



#35
Methylcyclohexane
Concen: 5.438 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU060636.D
Acq: 05 Sep 2024 19:35

Tgt Ion: 83 Resp: 94745
Ion Ratio Lower Upper
83 100
55 78.3 65.8 98.8
98 44.4 37.8 56.8





#37

1,2-Dichloropropane

Concen: 5.968 ug/L

RT: 6.782 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU060636.D

Acq: 05 Sep 2024 19:35

Instrument :

MSVOA_U

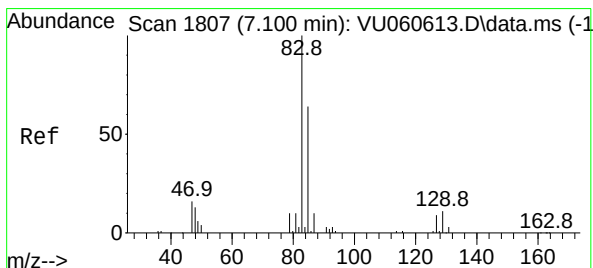
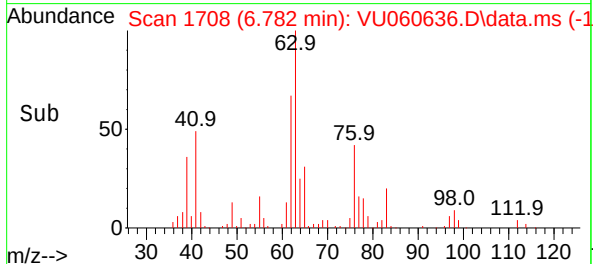
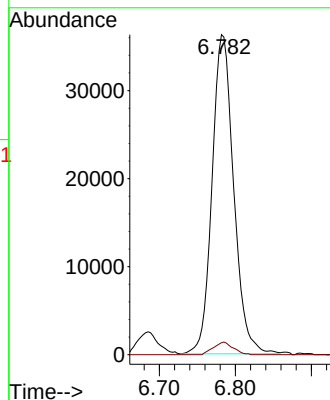
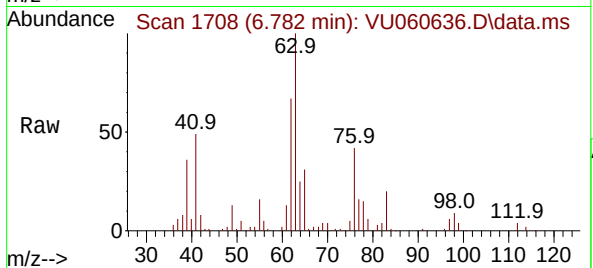
ClientSampleId :

Tgt Ion: 63 Resp: 71638

Ion Ratio Lower Upper

63 100

112 3.6 2.3 3.5#



#38

Bromodichloromethane

Concen: 5.567 ug/L

RT: 7.097 min Scan# 1806

Delta R.T. -0.003 min

Lab File: VU060636.D

Acq: 05 Sep 2024 19:35

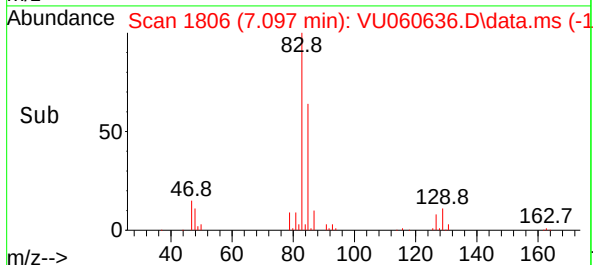
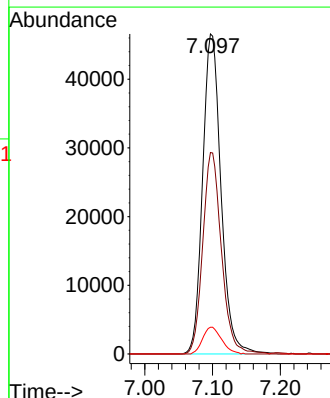
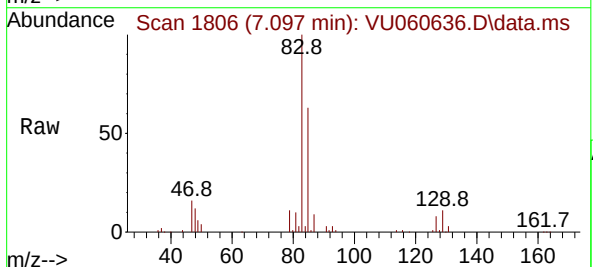
Tgt Ion: 83 Resp: 87803

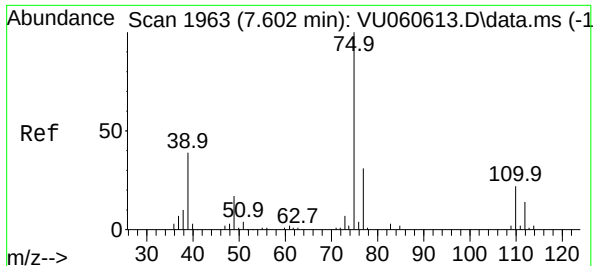
Ion Ratio Lower Upper

83 100

85 62.9 44.9 83.5

127 8.4 7.3 10.9

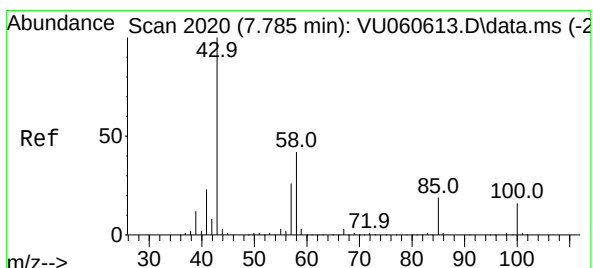
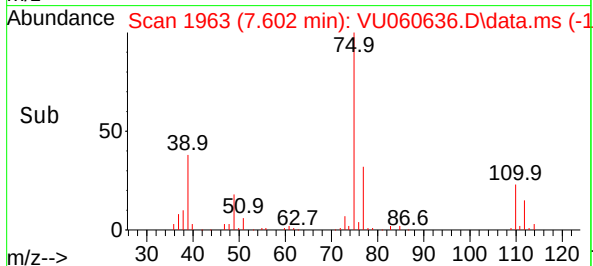
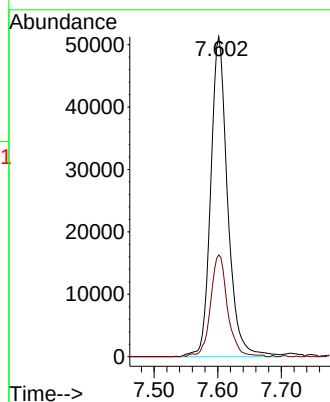
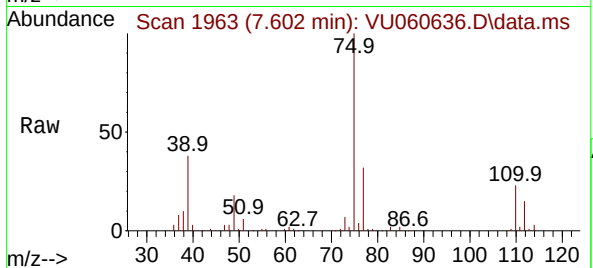




#39
 cis-1,3-Dichloropropene
 Concen: 5.396 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: VU060636.D
 Acq: 05 Sep 2024 19:35

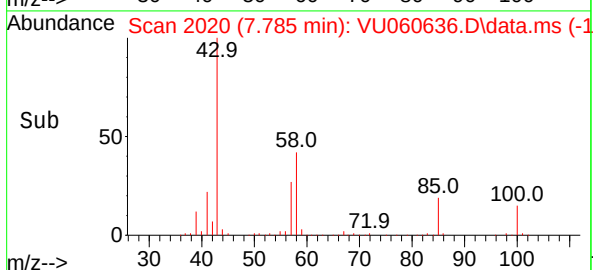
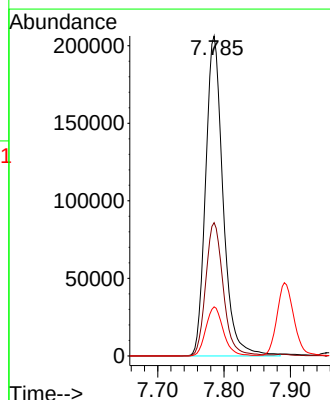
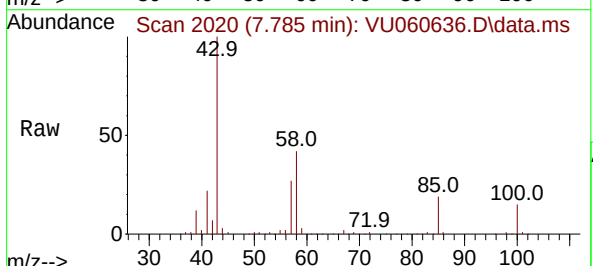
Instrument :
 MSVOA_U
 ClientSampleId :

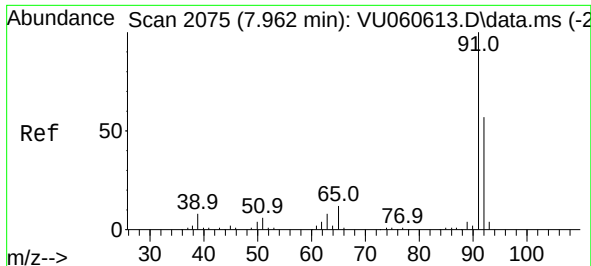
Tgt Ion: 75 Resp: 94968
 Ion Ratio Lower Upper
 75 100
 77 31.8 22.1 41.1



#40
 4-Methyl-2-pentanone
 Concen: 60.303 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. -0.000 min
 Lab File: VU060636.D
 Acq: 05 Sep 2024 19:35

Tgt Ion: 43 Resp: 376989
 Ion Ratio Lower Upper
 43 100
 58 41.9 32.5 48.7
 100 15.4 12.5 18.7





#42

Toluene

Concen: 5.748 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU060636.D

Acq: 05 Sep 2024 19:35

Instrument :

MSVOA_U

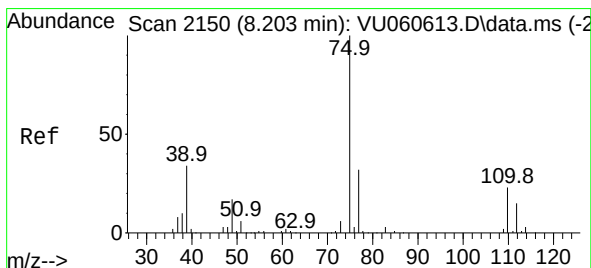
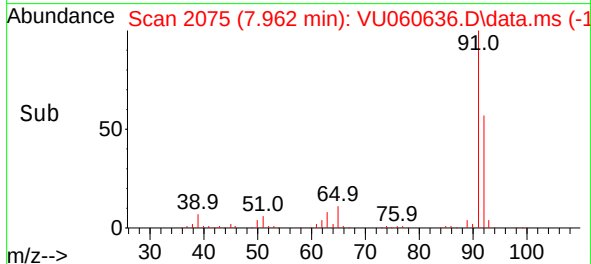
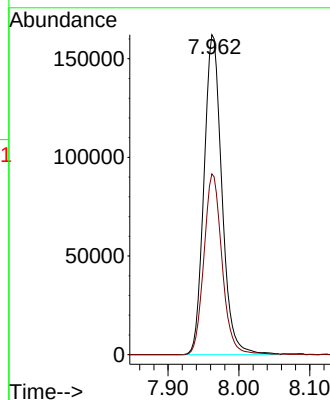
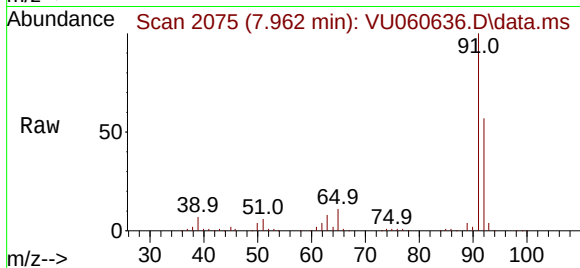
ClientSampleId :

Tgt Ion: 91 Resp: 284541

Ion Ratio Lower Upper

91 100

92 56.5 38.0 70.6



#44

trans-1,3-Dichloropropene

Concen: 5.725 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.003 min

Lab File: VU060636.D

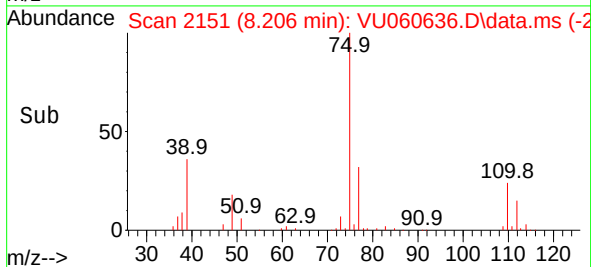
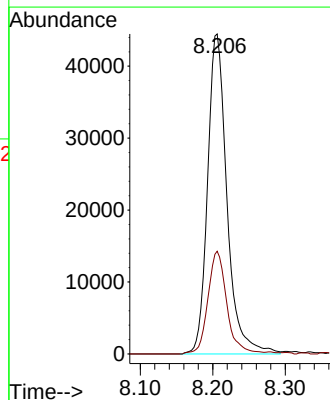
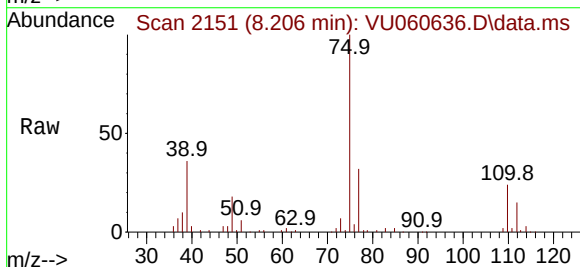
Acq: 05 Sep 2024 19:35

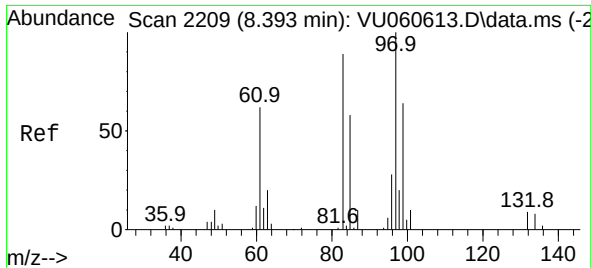
Tgt Ion: 75 Resp: 82715

Ion Ratio Lower Upper

75 100

77 32.1 23.4 43.6

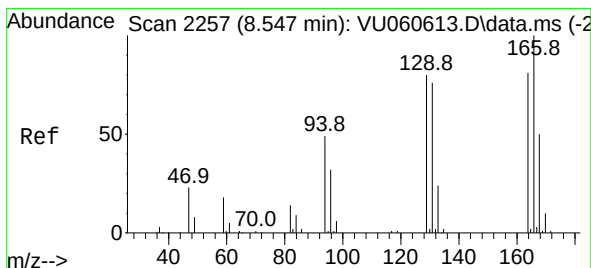
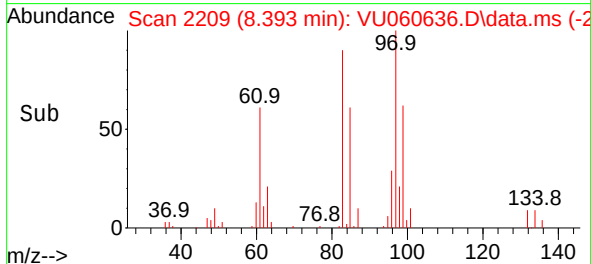
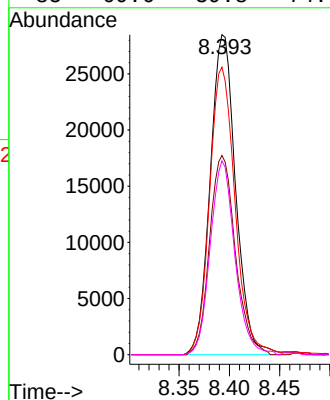
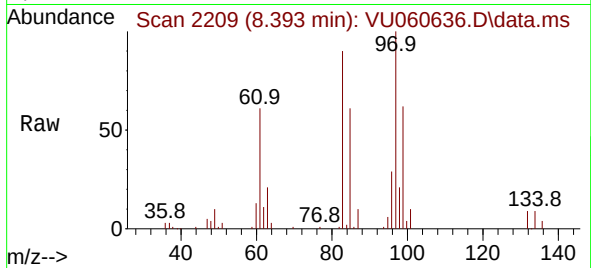




#45
1,1,2-Trichloroethane
Concen: 5.783 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU060636.D
Acq: 05 Sep 2024 19:35

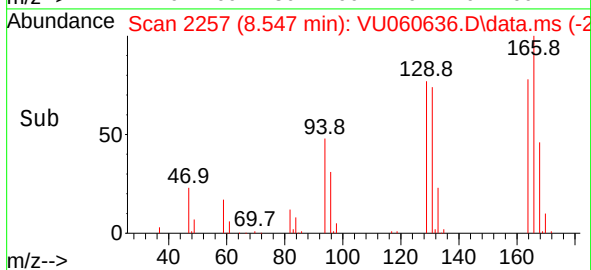
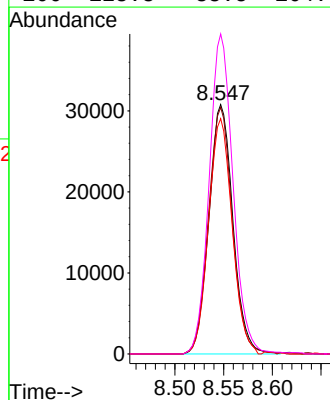
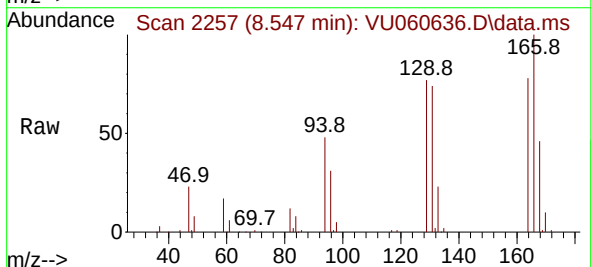
Instrument :
MSVOA_U
ClientSampleId :

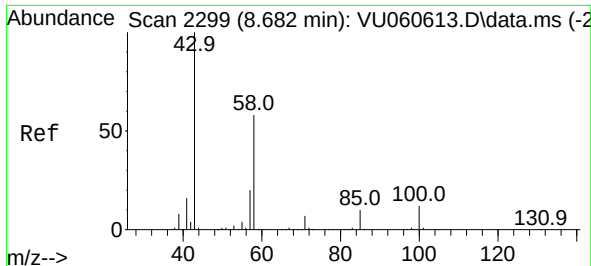
Tgt Ion:	97	Resp:	50287
Ion	Ratio	Lower	Upper
97	100		
99	62.3	42.4	78.8
83	89.8	64.0	119.0
85	60.6	39.8	74.0



#47
Tetrachloroethene
Concen: 5.048 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU060636.D
Acq: 05 Sep 2024 19:35

Tgt Ion:	164	Resp:	52535
Ion	Ratio	Lower	Upper
164	100		
129	98.9	67.8	125.8
131	94.4	67.2	124.8
166	128.3	88.5	164.4





#48

2-Hexanone

Concen: 58.923 ug/L

RT: 8.679 min Scan# 2299

Delta R.T. -0.003 min

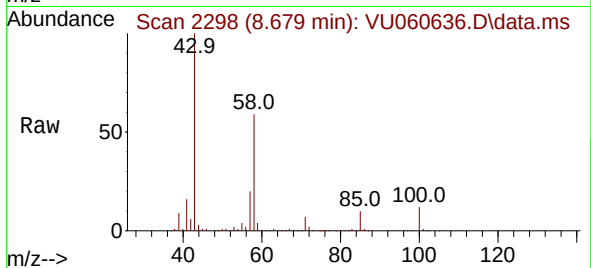
Lab File: VU060636.D

Acq: 05 Sep 2024 19:35

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 275678

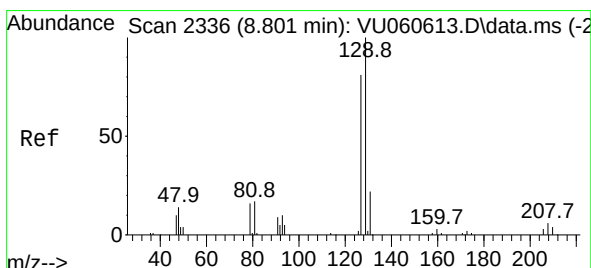
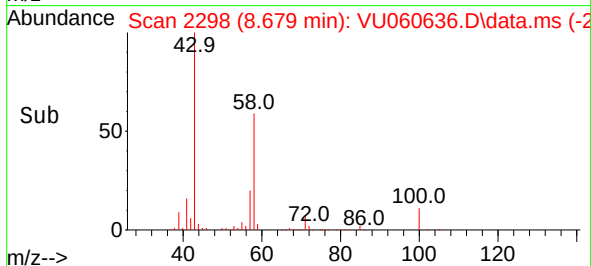
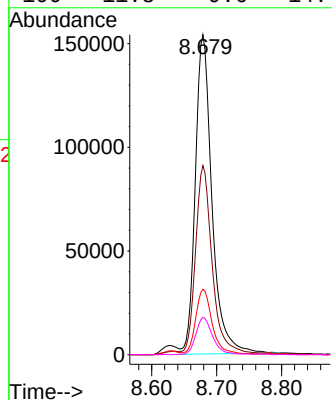
Ion Ratio Lower Upper

43 100

58 59.2 45.6 68.4

57 19.8 15.6 23.4

100 11.8 9.6 14.4



#49

Dibromochloromethane

Concen: 5.848 ug/L

RT: 8.801 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VU060636.D

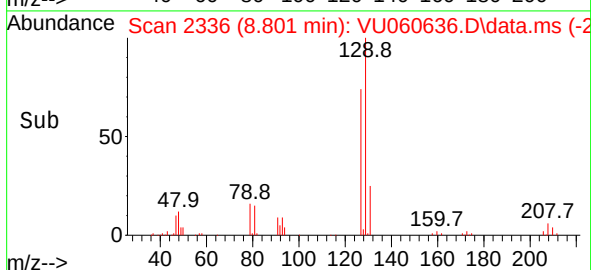
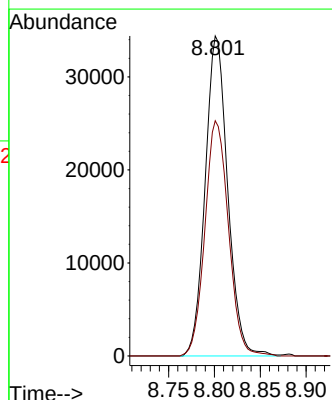
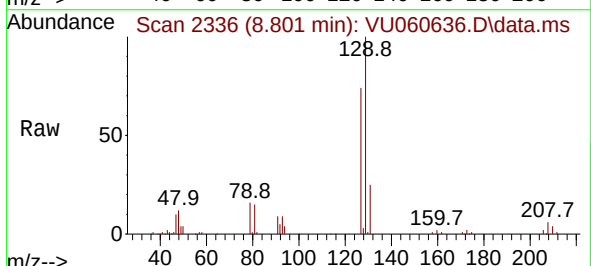
Acq: 05 Sep 2024 19:35

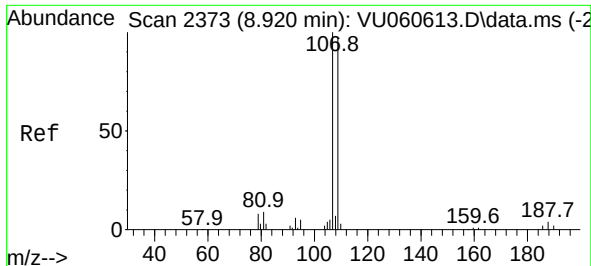
Tgt Ion: 129 Resp: 58876

Ion Ratio Lower Upper

129 100

127 73.5 53.0 98.4





#50

1,2-Dibromoethane

Concen: 5.895 ug/L

RT: 8.917 min Scan# 24

Delta R.T. -0.003 min

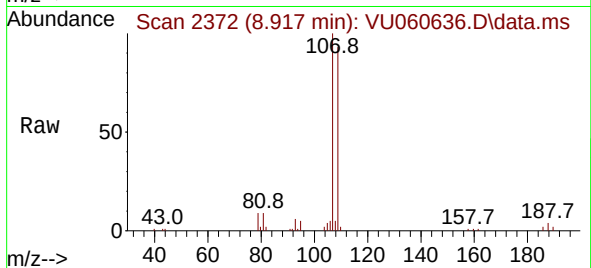
Lab File: VU060636.D

Acq: 05 Sep 2024 19:35

Instrument :

MSVOA_U

ClientSampleId :



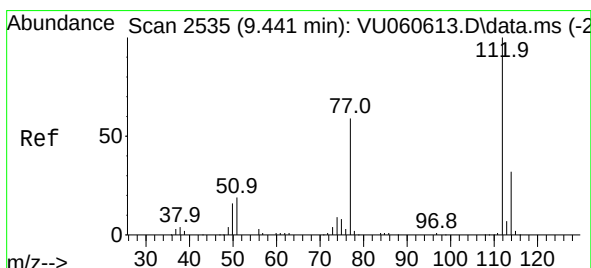
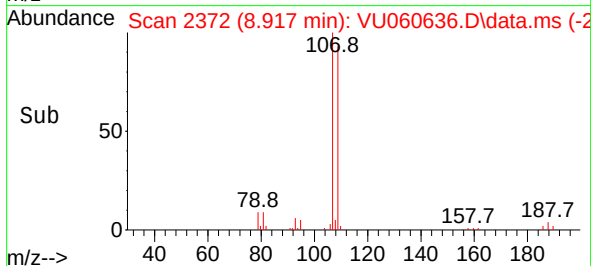
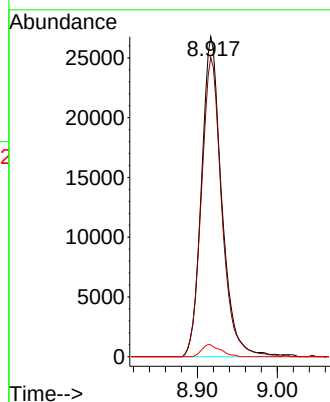
Tgt Ion:107 Resp: 47057

Ion Ratio Lower Upper

107 100

109 93.5 68.5 127.3

188 3.7 3.9 5.9#



#51

Chlorobenzene

Concen: 5.473 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. -0.000 min

Lab File: VU060636.D

Acq: 05 Sep 2024 19:35

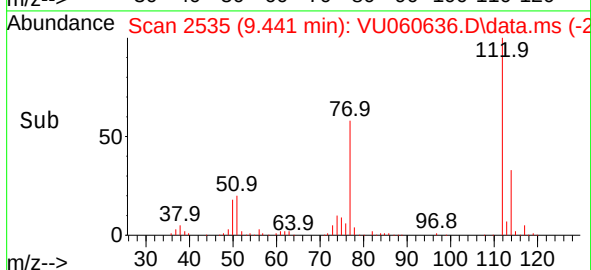
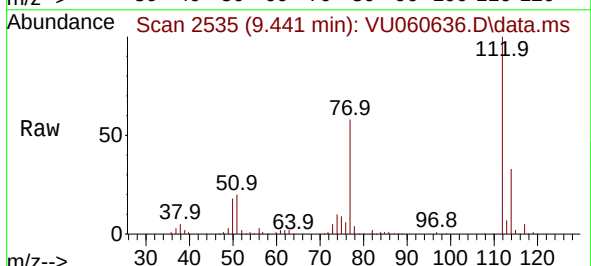
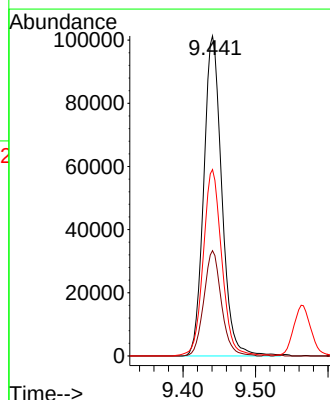
Tgt Ion:112 Resp: 175407

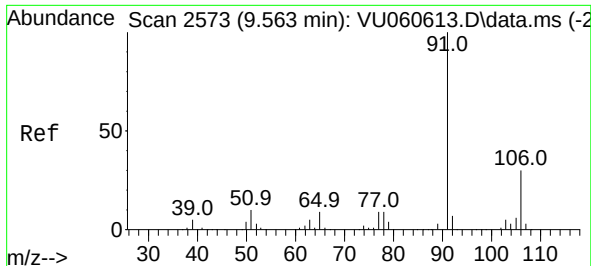
Ion Ratio Lower Upper

112 100

114 32.9 21.9 40.7

77 58.2 47.4 71.2





#52

Ethylbenzene

Concen: 5.509 ug/L

RT: 9.563 min Scan# 2573

Delta R.T. -0.000 min

Lab File: VU060636.D

Acq: 05 Sep 2024 19:35

Instrument :

MSVOA_U

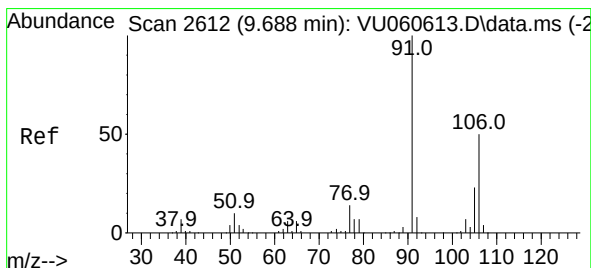
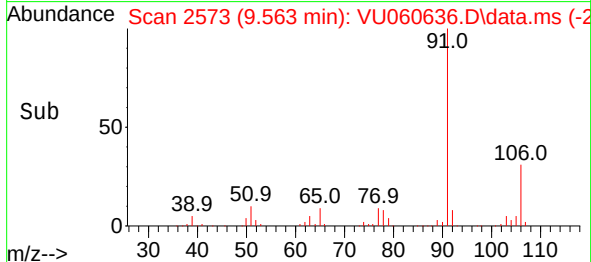
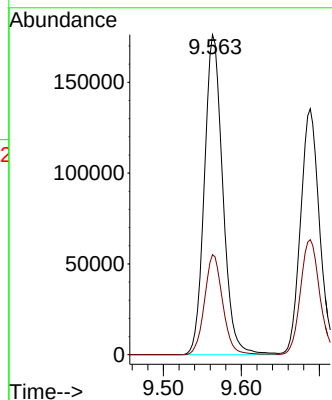
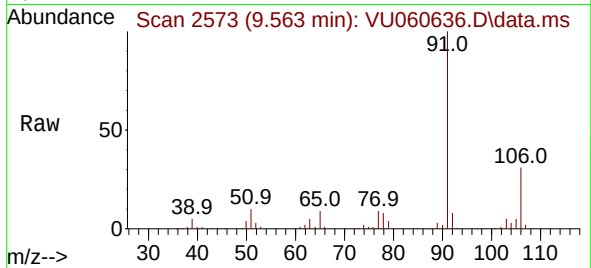
ClientSampleId :

Tgt Ion: 91 Resp: 289017

Ion Ratio Lower Upper

91 100

106 31.2 21.9 40.7



#53

m,p-Xylene

Concen: 5.586 ug/L

RT: 9.688 min Scan# 2612

Delta R.T. -0.000 min

Lab File: VU060636.D

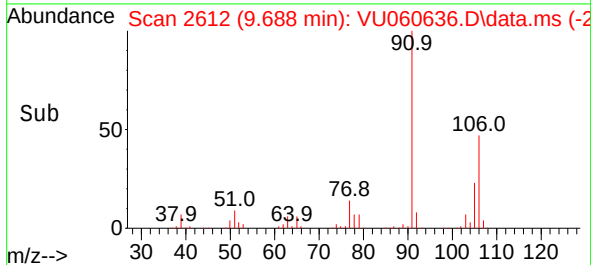
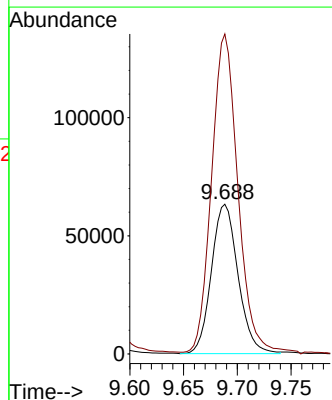
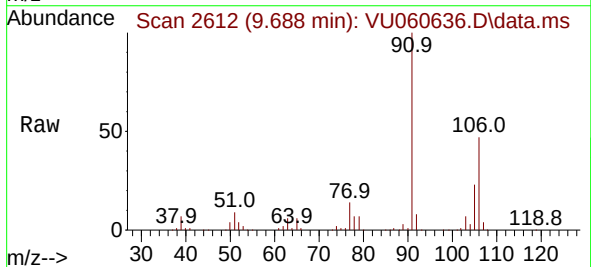
Acq: 05 Sep 2024 19:35

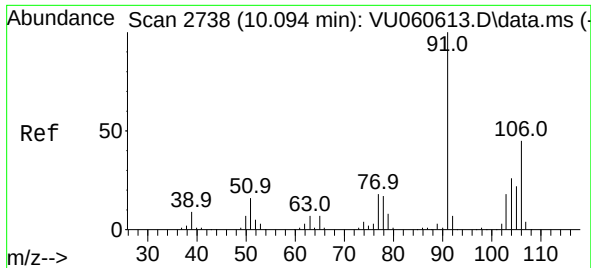
Tgt Ion:106 Resp: 108953

Ion Ratio Lower Upper

106 100

91 213.6 141.5 262.9

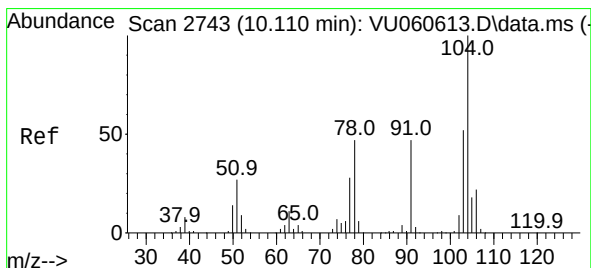
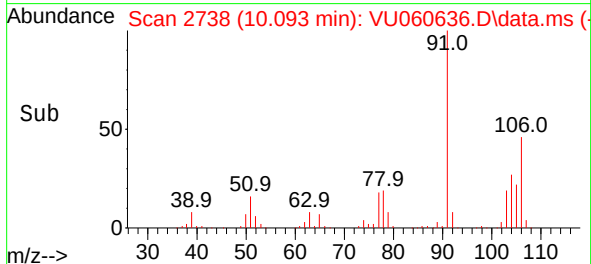
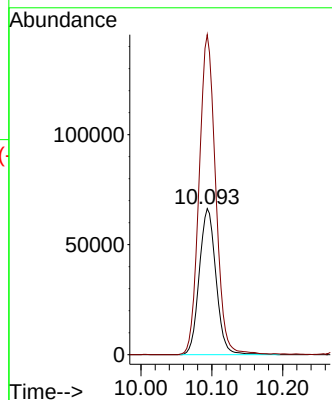
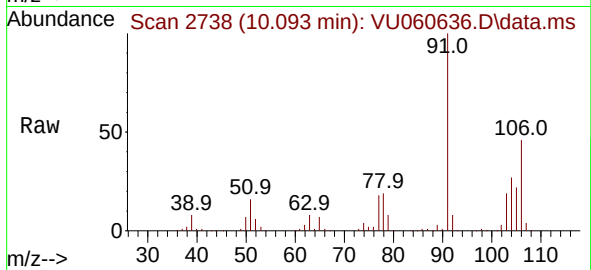




#54
o-Xylene
Concen: 5.448 ug/L
RT: 10.093 min Scan# 2738
Delta R.T. -0.000 min
Lab File: VU060636.D
Acq: 05 Sep 2024 19:35

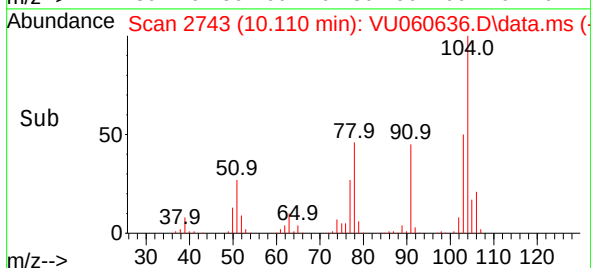
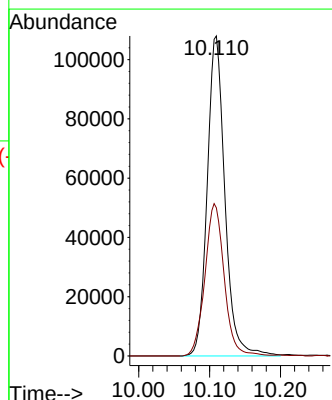
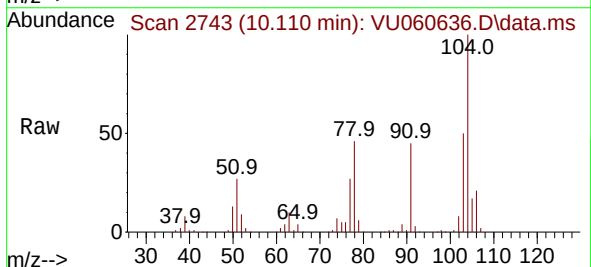
Instrument :
MSVOA_U
ClientSampleId :

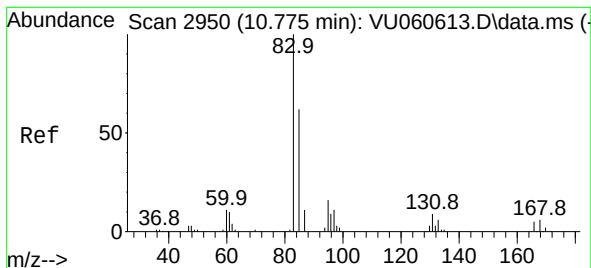
Tgt Ion:106 Resp: 108772
Ion Ratio Lower Upper
106 100
91 219.1 151.1 280.7



#55
Styrene
Concen: 5.719 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU060636.D
Acq: 05 Sep 2024 19:35

Tgt Ion:104 Resp: 187086
Ion Ratio Lower Upper
104 100
78 46.3 33.3 61.9





#57

1,1,2,2-Tetrachloroethane

Concen: 5.516 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU060636.D

Acq: 05 Sep 2024 19:35

Instrument :

MSVOA_U

ClientSampleId :

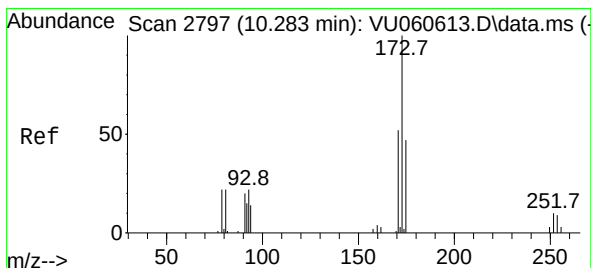
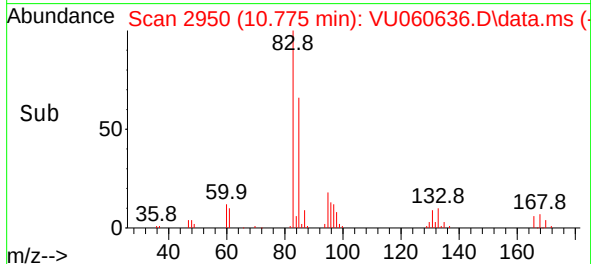
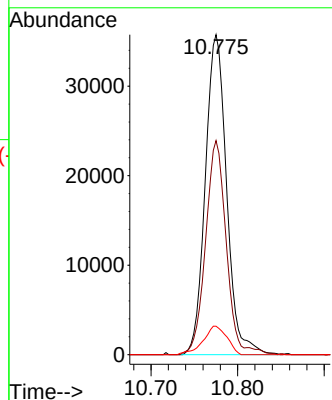
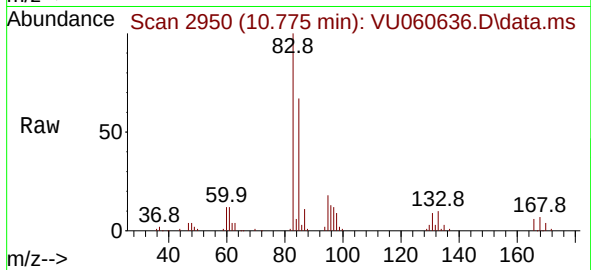
Tgt Ion: 83 Resp: 61239

Ion Ratio Lower Upper

83 100

85 66.9 43.3 80.5

131 8.9 8.9 13.3



#59

Bromoform

Concen: 5.529 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.000 min

Lab File: VU060636.D

Acq: 05 Sep 2024 19:35

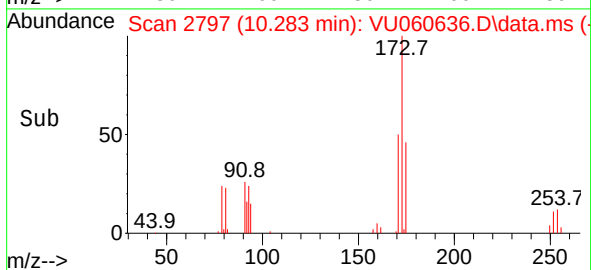
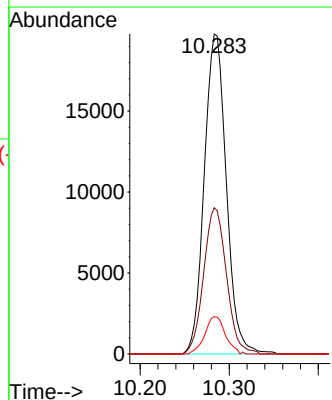
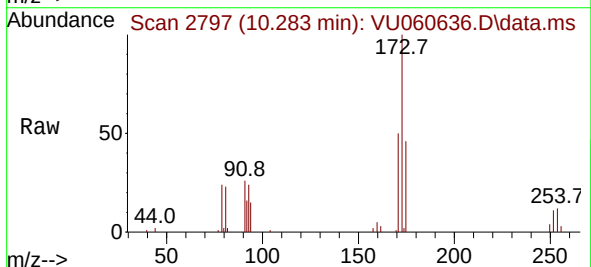
Tgt Ion:173 Resp: 33967

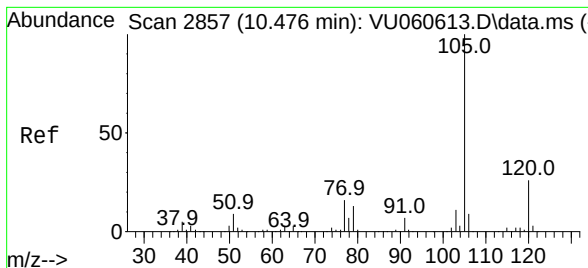
Ion Ratio Lower Upper

173 100

175 47.2 39.8 59.8

254 10.9 8.2 12.2





#60

Isopropylbenzene

Concen: 5.730 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. -0.000 min

Lab File: VU060636.D

Acq: 05 Sep 2024 19:35

Instrument :

MSVOA_U

ClientSampleId :

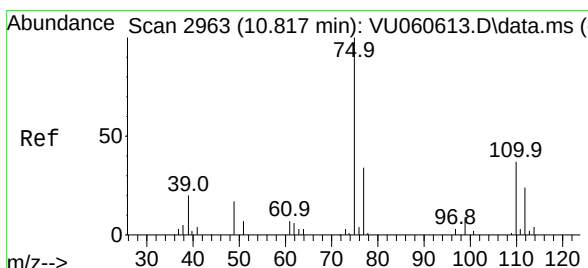
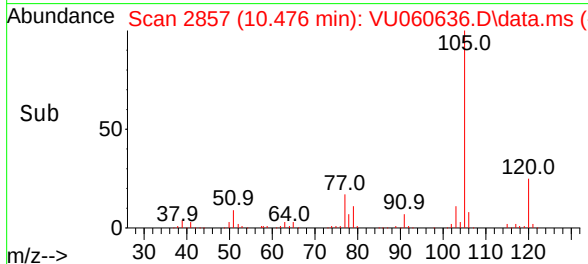
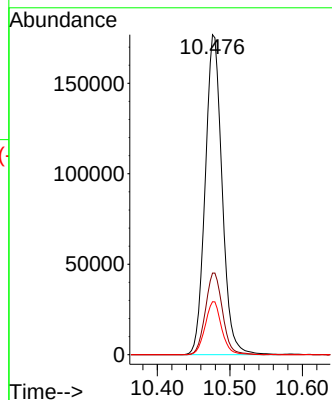
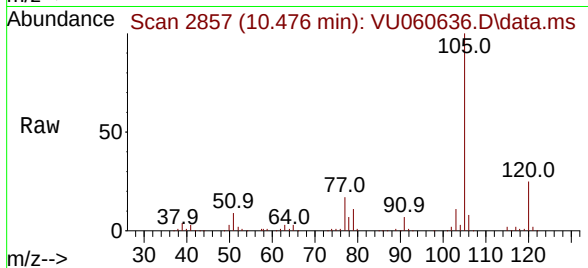
Tgt Ion:105 Resp: 286154

Ion Ratio Lower Upper

105 100

120 25.9 21.0 31.4

77 16.2 13.0 19.4



#61

1,2,3-Trichloropropane

Concen: 6.164 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. -0.003 min

Lab File: VU060636.D

Acq: 05 Sep 2024 19:35

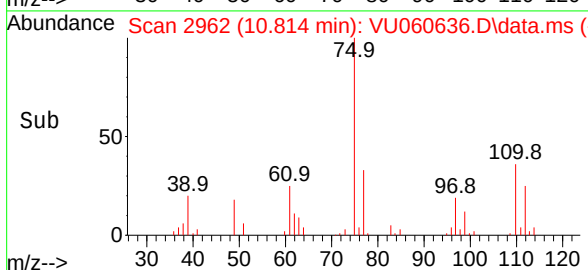
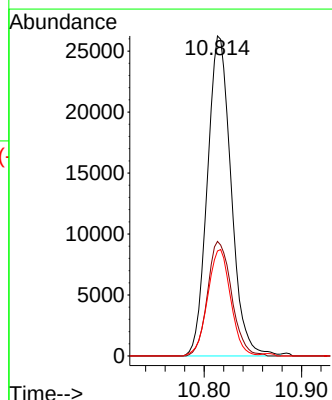
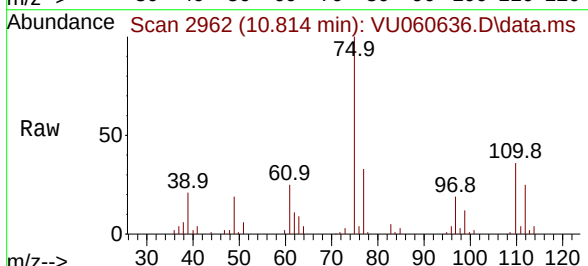
Tgt Ion: 75 Resp: 44448

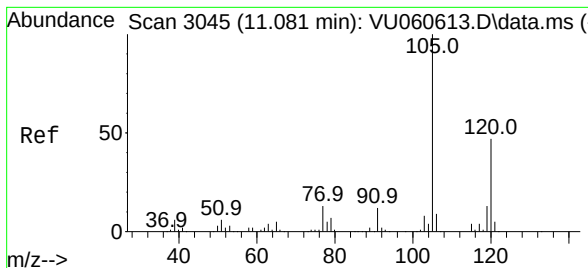
Ion Ratio Lower Upper

75 100

110 36.3 30.2 45.4

77 32.2 25.4 38.2

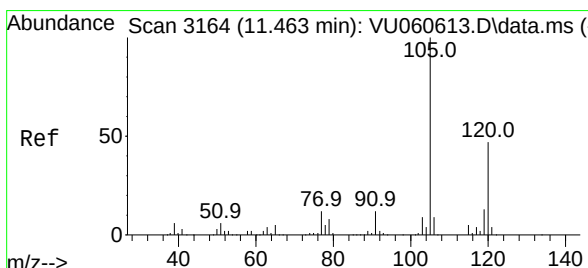
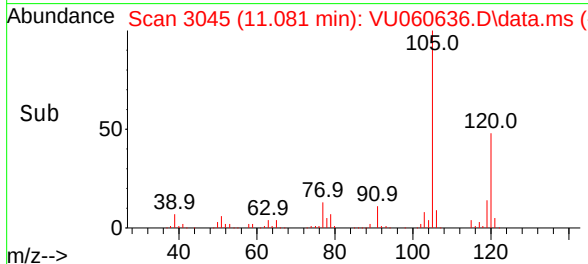
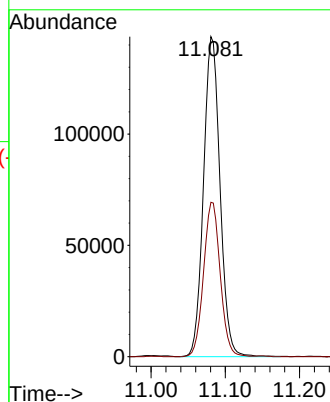
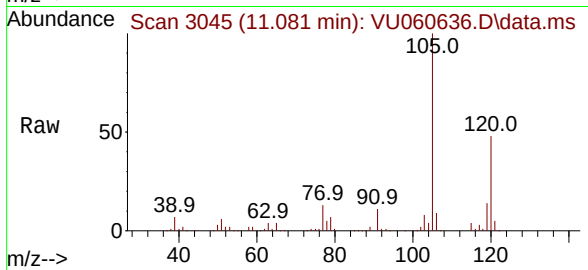




#62
1,3,5-Trimethylbenzene
Concen: 5.960 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. -0.000 min
Lab File: VU060636.D
Acq: 05 Sep 2024 19:35

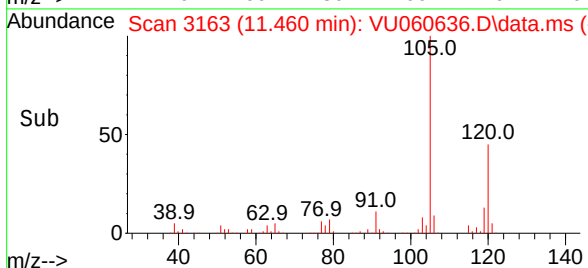
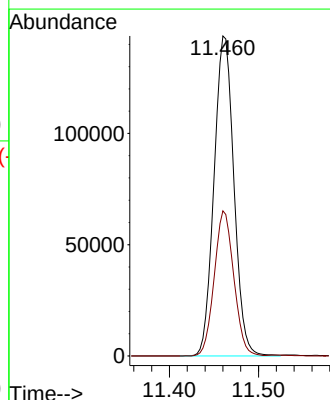
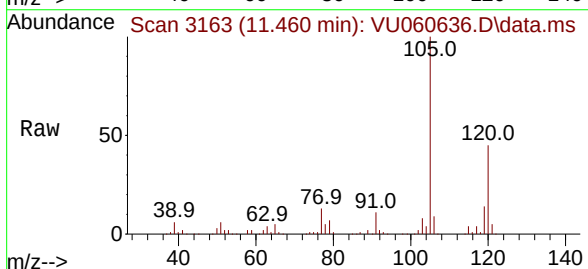
Instrument :
MSVOA_U
ClientSampleId :

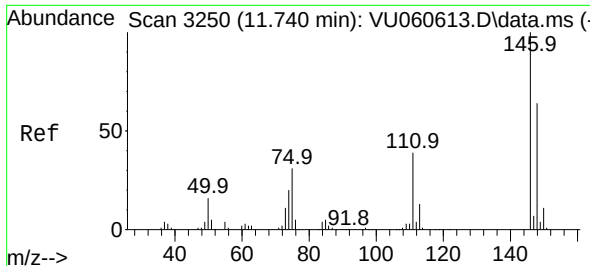
Tgt Ion:105 Resp: 221846
Ion Ratio Lower Upper
105 100
120 48.7 37.4 56.0



#63
1,2,4-Trimethylbenzene
Concen: 5.879 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. -0.003 min
Lab File: VU060636.D
Acq: 05 Sep 2024 19:35

Tgt Ion:105 Resp: 223207
Ion Ratio Lower Upper
105 100
120 44.6 35.7 53.5





#64

1,3-Dichlorobenzene

Concen: 5.661 ug/L

RT: 11.740 min Scan# 31

Delta R.T. -0.000 min

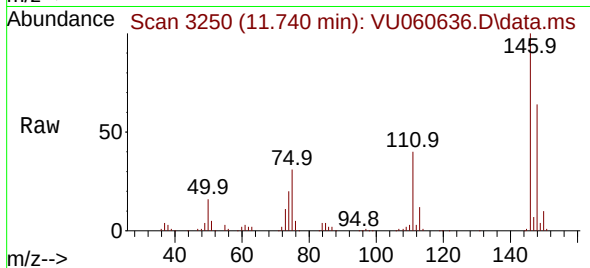
Lab File: VU060636.D

Acq: 05 Sep 2024 19:35

Instrument :

MSVOA_U

ClientSampleId :



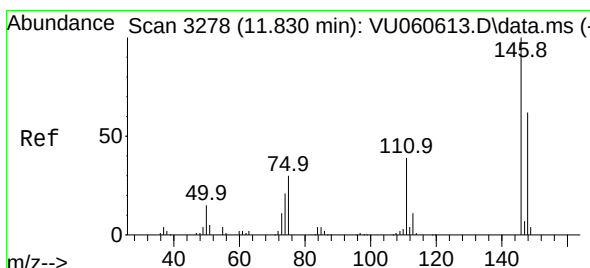
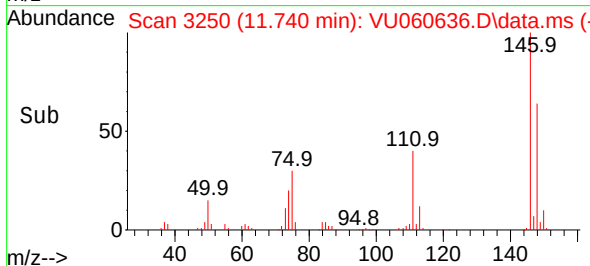
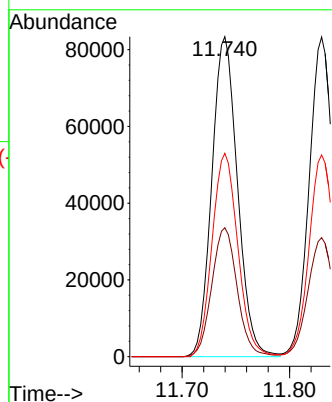
Tgt Ion:146 Resp: 138358

Ion Ratio Lower Upper

146 100

111 40.3 27.9 51.9

148 63.6 43.5 80.7



#65

1,4-Dichlorobenzene

Concen: 5.418 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. -0.000 min

Lab File: VU060636.D

Acq: 05 Sep 2024 19:35

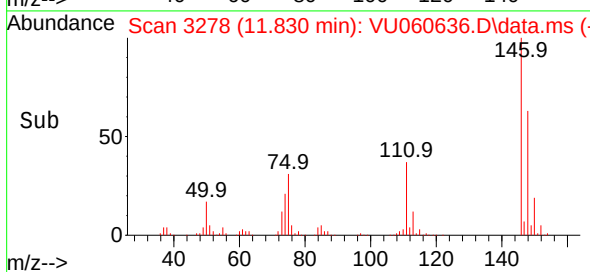
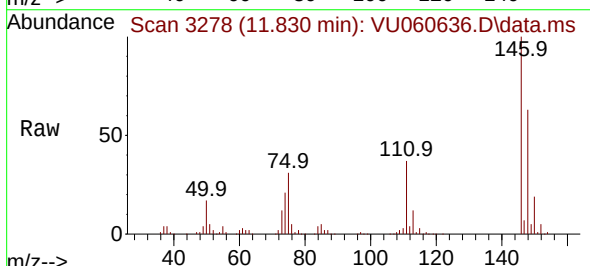
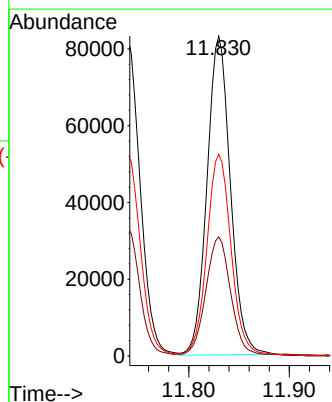
Tgt Ion:146 Resp: 134374

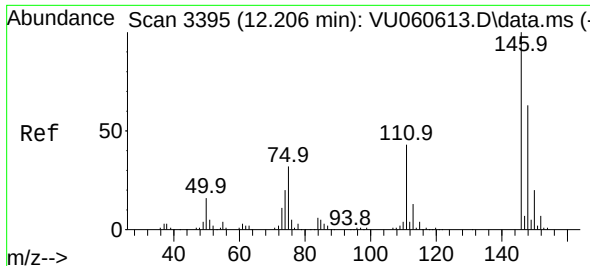
Ion Ratio Lower Upper

146 100

111 37.2 27.2 50.4

148 63.1 43.6 81.0





#67

1,2-Dichlorobenzene

Concen: 5.609 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

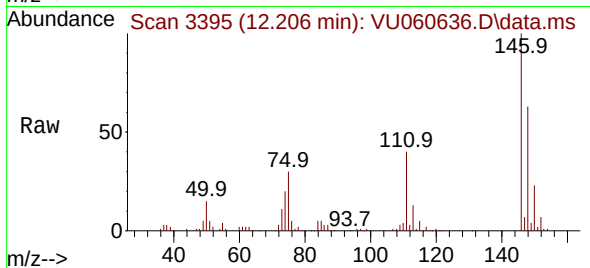
Lab File: VU060636.D

Acq: 05 Sep 2024 19:35

Instrument :

MSVOA_U

ClientSampleId :



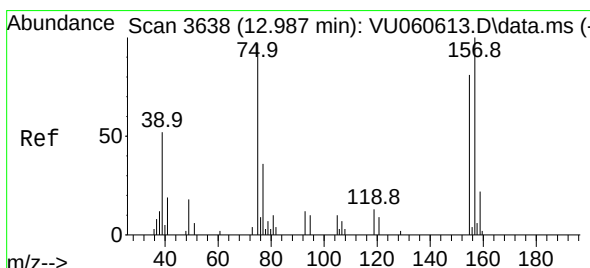
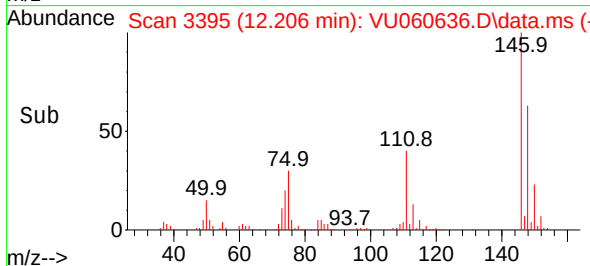
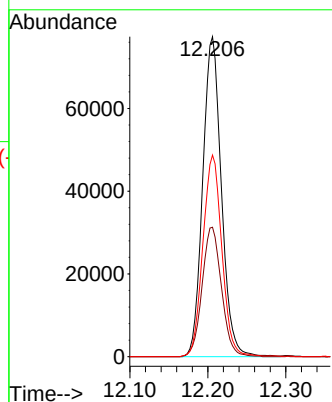
Tgt Ion:146 Resp: 128621

Ion Ratio Lower Upper

146 100

111 40.4 34.6 52.0

148 63.0 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 5.740 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.000 min

Lab File: VU060636.D

Acq: 05 Sep 2024 19:35

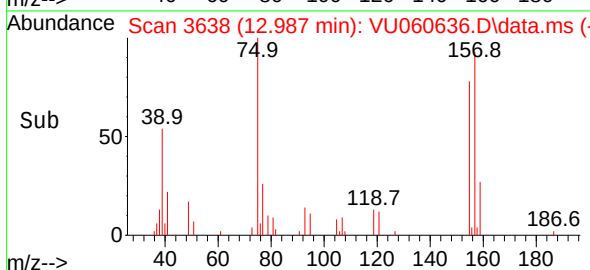
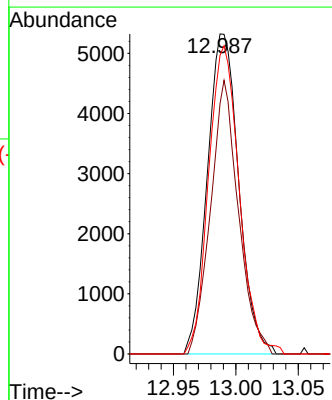
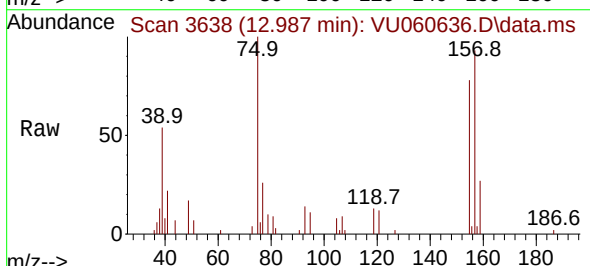
Tgt Ion: 75 Resp: 9342

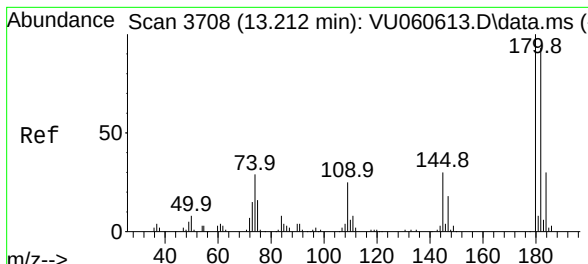
Ion Ratio Lower Upper

75 100

155 78.2 62.7 94.1

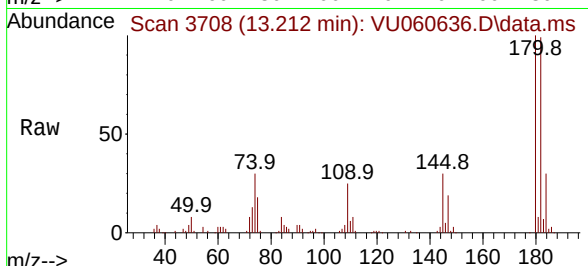
157 93.3 70.4 105.6





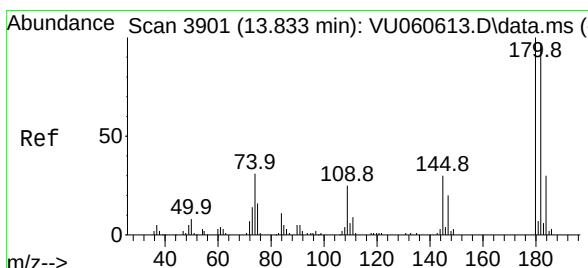
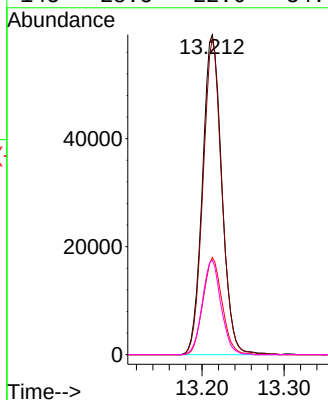
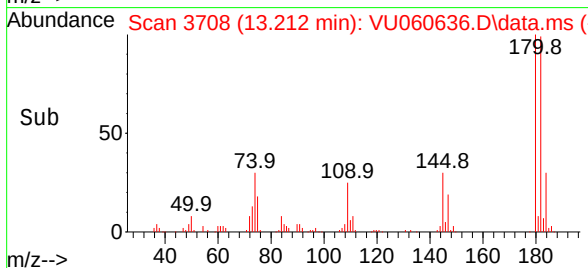
#69
 1,3,5-Trichlorobenzene
 Concen: 5.143 ug/L
 RT: 13.212 min Scan# 3708
 Delta R.T. -0.000 min
 Lab File: VU060636.D
 Acq: 05 Sep 2024 19:35

Instrument :
 MSVOA_U
 ClientSampleId :

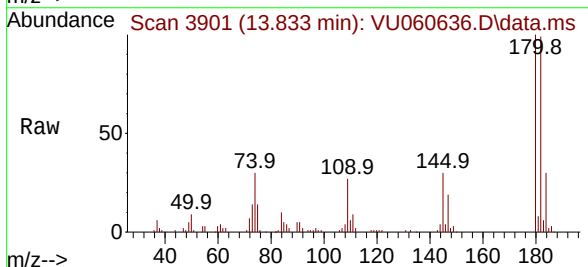


Tgt Ion:180 Resp: 96928

Ion	Ratio	Lower	Upper
180	100		
182	96.1	77.6	116.4
184	30.0	24.9	37.3
145	28.5	22.6	34.0

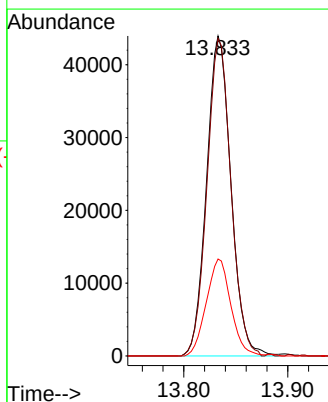
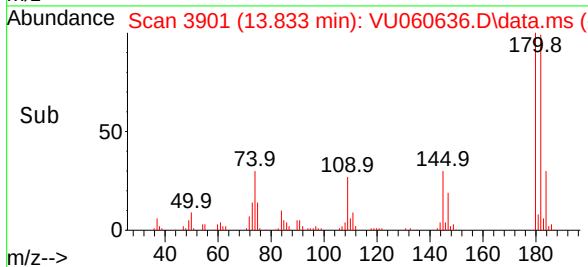


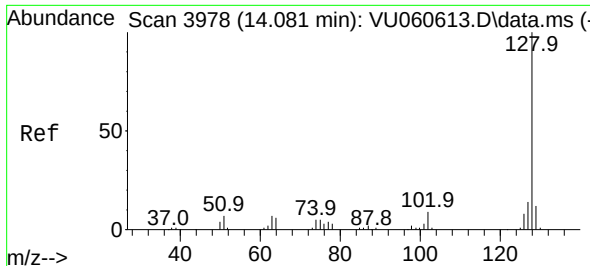
#70
 1,2,4-trichlorobenzene
 Concen: 4.718 ug/L
 RT: 13.833 min Scan# 3901
 Delta R.T. -0.000 min
 Lab File: VU060636.D
 Acq: 05 Sep 2024 19:35



Tgt Ion:180 Resp: 71736

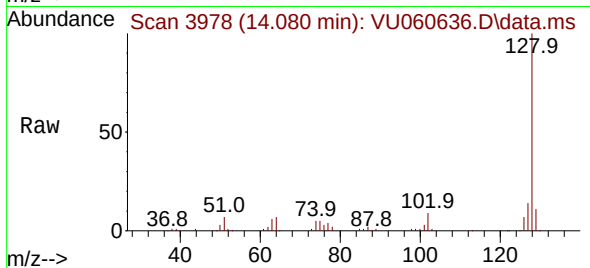
Ion	Ratio	Lower	Upper
180	100		
182	97.3	77.3	115.9
145	30.5	23.9	35.9



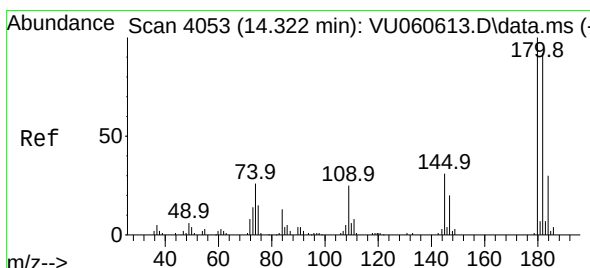
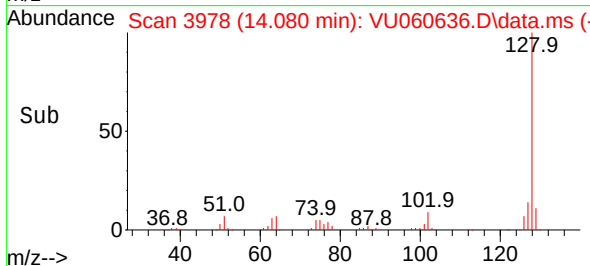
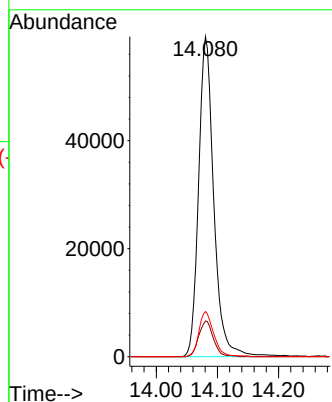


#71
Naphthalene
Concen: 5.260 ug/L
RT: 14.080 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU060636.D
Acq: 05 Sep 2024 19:35

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 102179
Ion Ratio Lower Upper
128 100
129 10.8 8.5 12.7
127 13.8 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 5.110 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU060636.D
Acq: 05 Sep 2024 19:35

Tgt Ion:180 Resp: 65020
Ion Ratio Lower Upper
180 100
182 97.1 76.0 114.0
145 31.6 24.3 36.5

